

**#28 GSM850\_GPRS10\_Bottom Face\_1.1cm\_Ch189****DUT: 240709**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120815 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.998 \text{ mho/m}$ ;  $\epsilon_r = 55.4$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch189/Area Scan (101x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.965 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.29 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.614 mW/g**

Maximum value of SAR (measured) = 1.04 mW/g

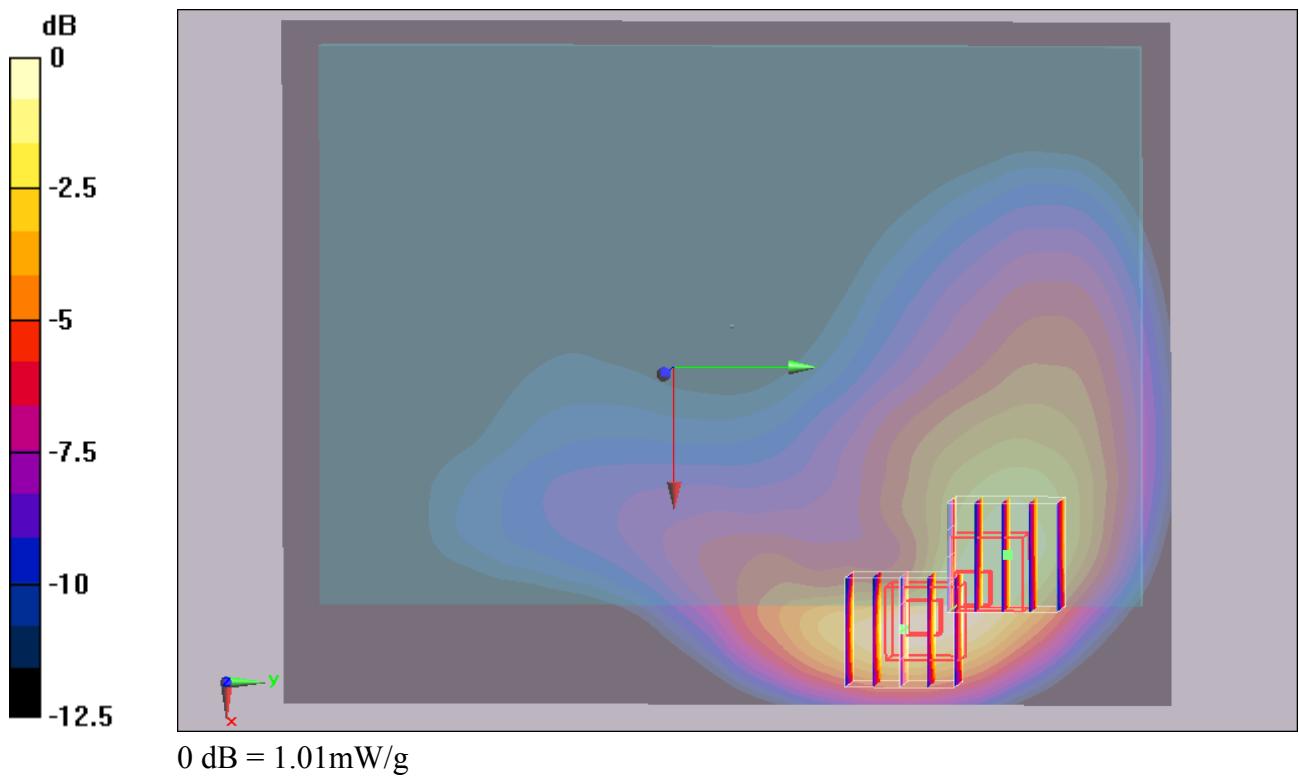
**Ch189/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.29 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.837 mW/g; SAR(10 g) = 0.524 mW/g**

Maximum value of SAR (measured) = 1.01 mW/g



**#28 GSM850\_GPRS10\_Bottom Face\_1.1cm\_Ch189\_2D****DUT: 240709**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120815 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.998 \text{ mho/m}$ ;  $\epsilon_r = 55.4$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch189/Area Scan (101x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.965 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.29 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.614 mW/g**

Maximum value of SAR (measured) = 1.04 mW/g

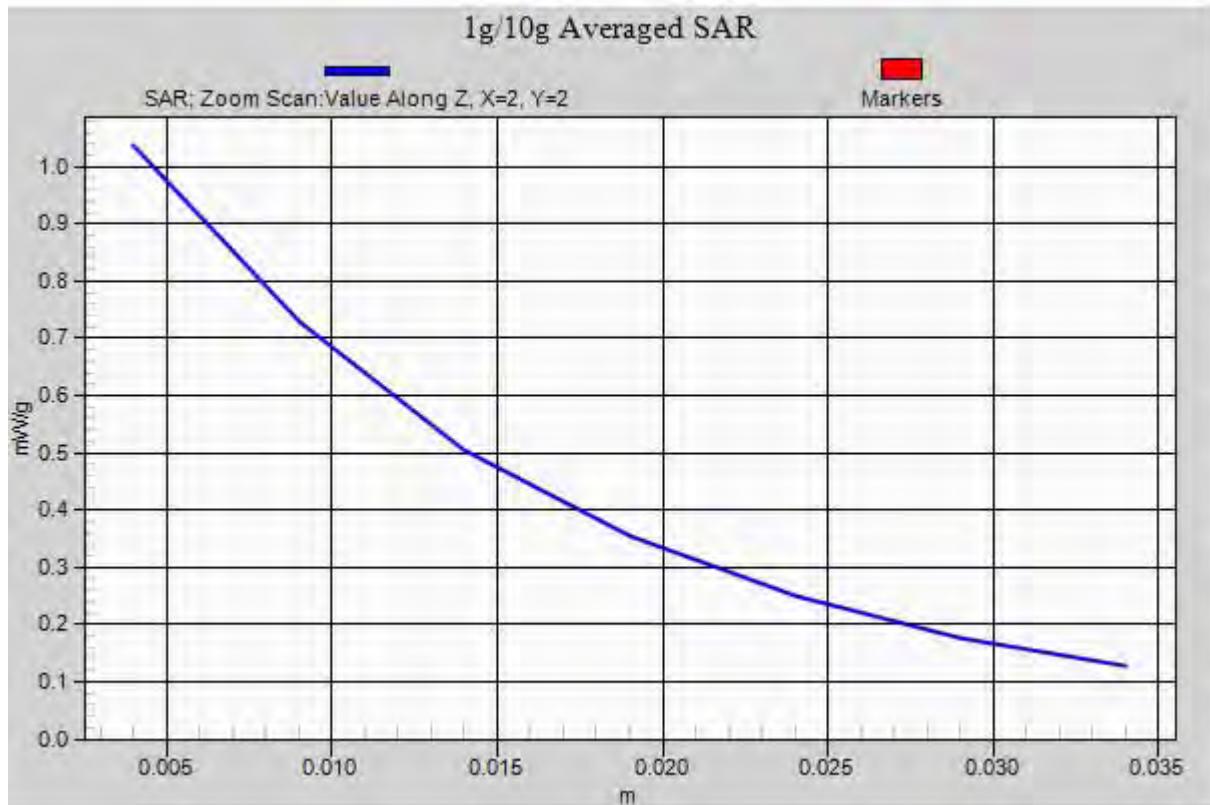
**Ch189/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.29 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.837 mW/g; SAR(10 g) = 0.524 mW/g**

Maximum value of SAR (measured) = 1.01 mW/g



**#27 GSM850\_GPRS10\_Bottom Face\_1.1cm\_Ch128****DUT: 240709**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120815 Medium parameters used:  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.985 \text{ mho/m}$ ;  $\epsilon_r = 55.4$ ;  
 $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch128/Area Scan (51x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.839 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.84 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.849 mW/g; SAR(10 g) = 0.530 mW/g**

Maximum value of SAR (measured) = 0.893 mW/g

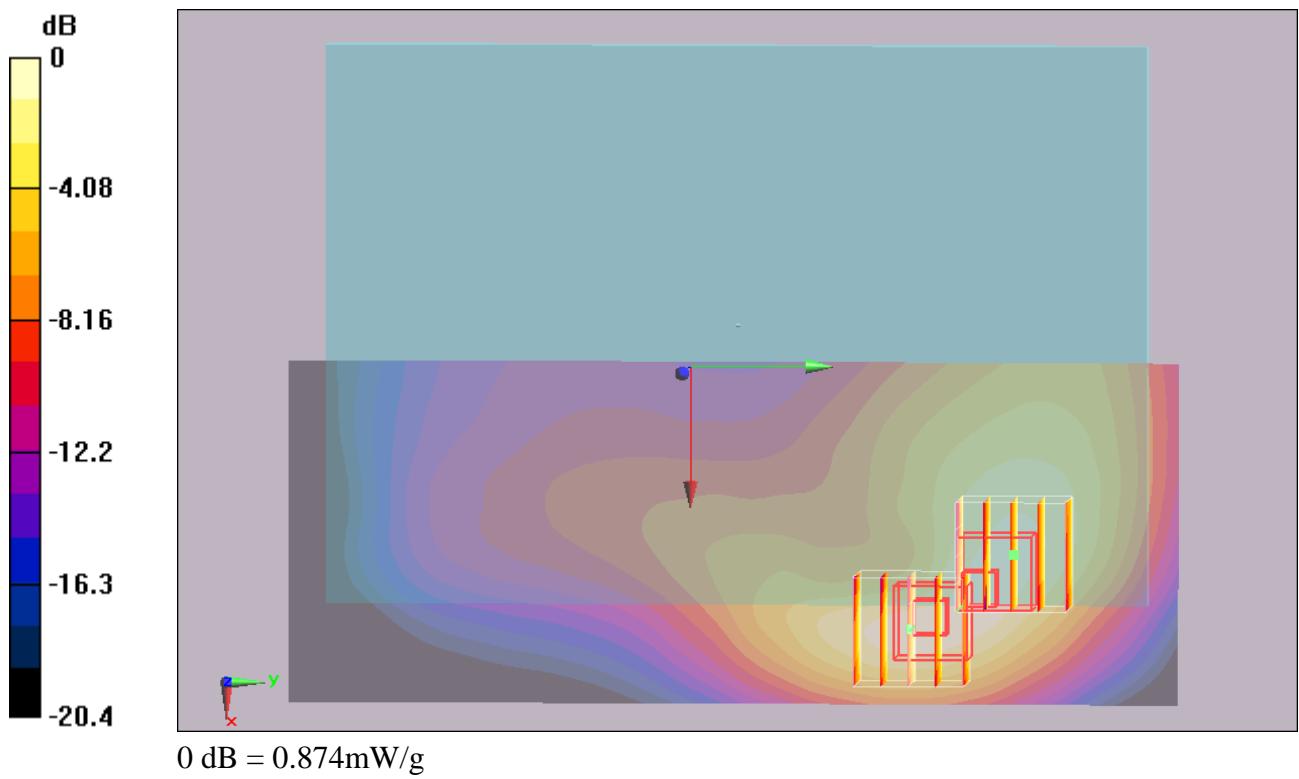
**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.84 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 1.2 W/kg

**SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.462 mW/g**

Maximum value of SAR (measured) = 0.874 mW/g



**#29 GSM850\_GPRS10\_Bottom Face\_1.1cm\_Ch251****DUT: 240709**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120815 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 1.01 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch251/Area Scan (51x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.930 mW/g

**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.1 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.964 mW/g; SAR(10 g) = 0.595 mW/g**

Maximum value of SAR (measured) = 1.01 mW/g

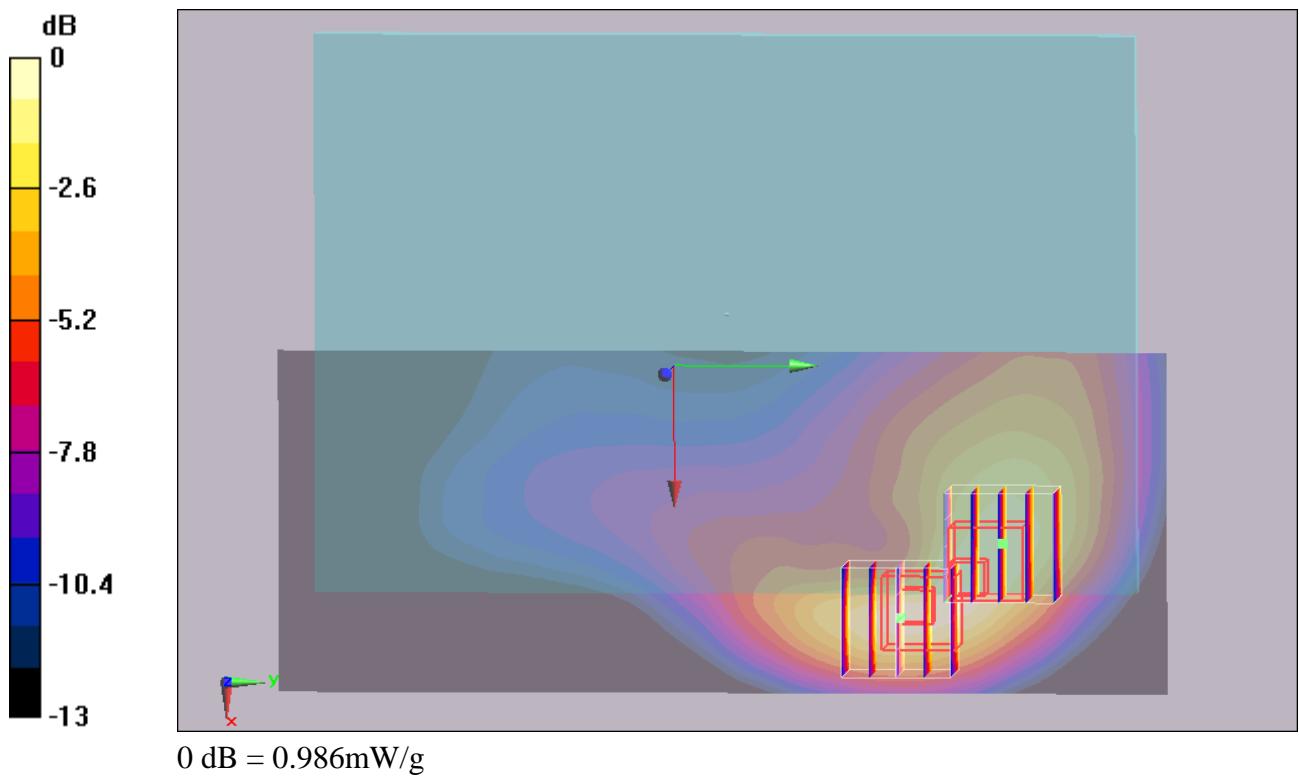
**Ch251/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.1 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.799 mW/g; SAR(10 g) = 0.498 mW/g**

Maximum value of SAR (measured) = 0.986 mW/g



**#31 GSM850\_GPRS10\_Edge 1\_0.9cm\_Ch189****DUT: 240709**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120815 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.998 \text{ mho/m}$ ;  $\epsilon_r = 55.4$ ;  
 $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch189/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.11 mW/g

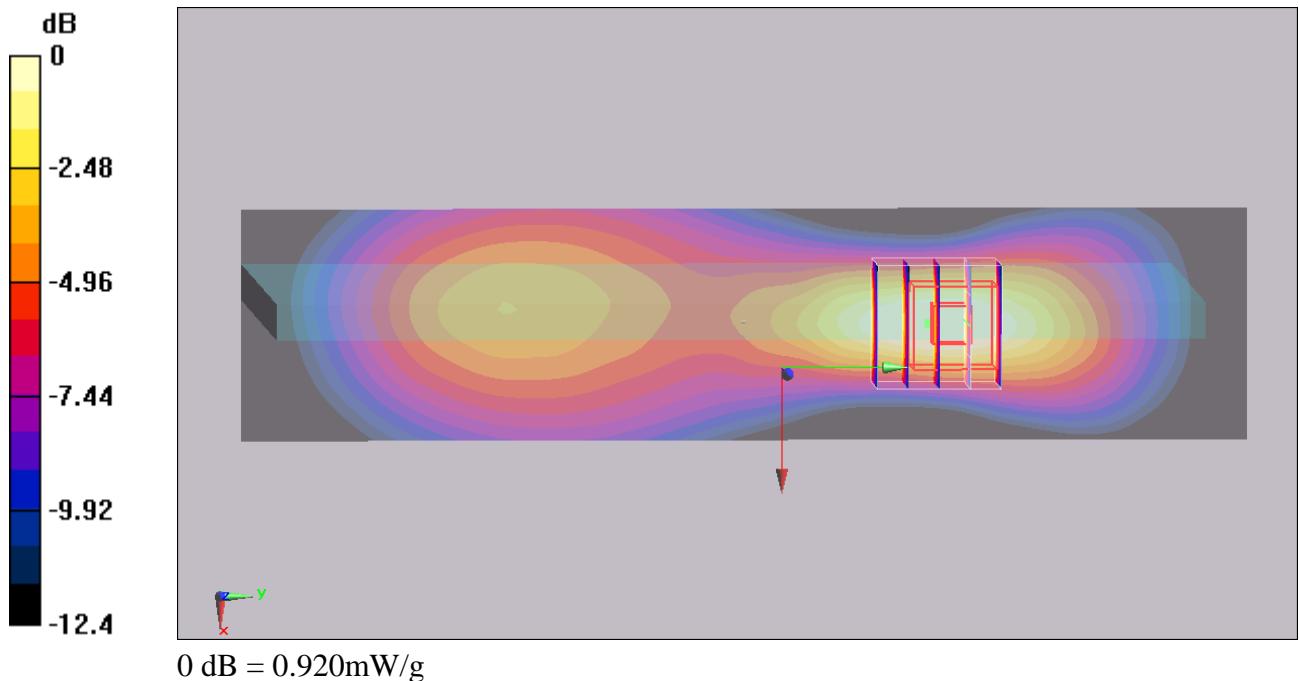
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.3 V/m; Power Drift = 0.0029 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.847 mW/g; SAR(10 g) = 0.510 mW/g**

Maximum value of SAR (measured) = 0.920 mW/g



**#30 GSM850\_GPRS10\_Edge 1\_0.9cm\_Ch128****DUT: 240709**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120815 Medium parameters used:  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.985 \text{ mho/m}$ ;  $\epsilon_r = 55.4$ ;  
 $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch128/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.980 mW/g

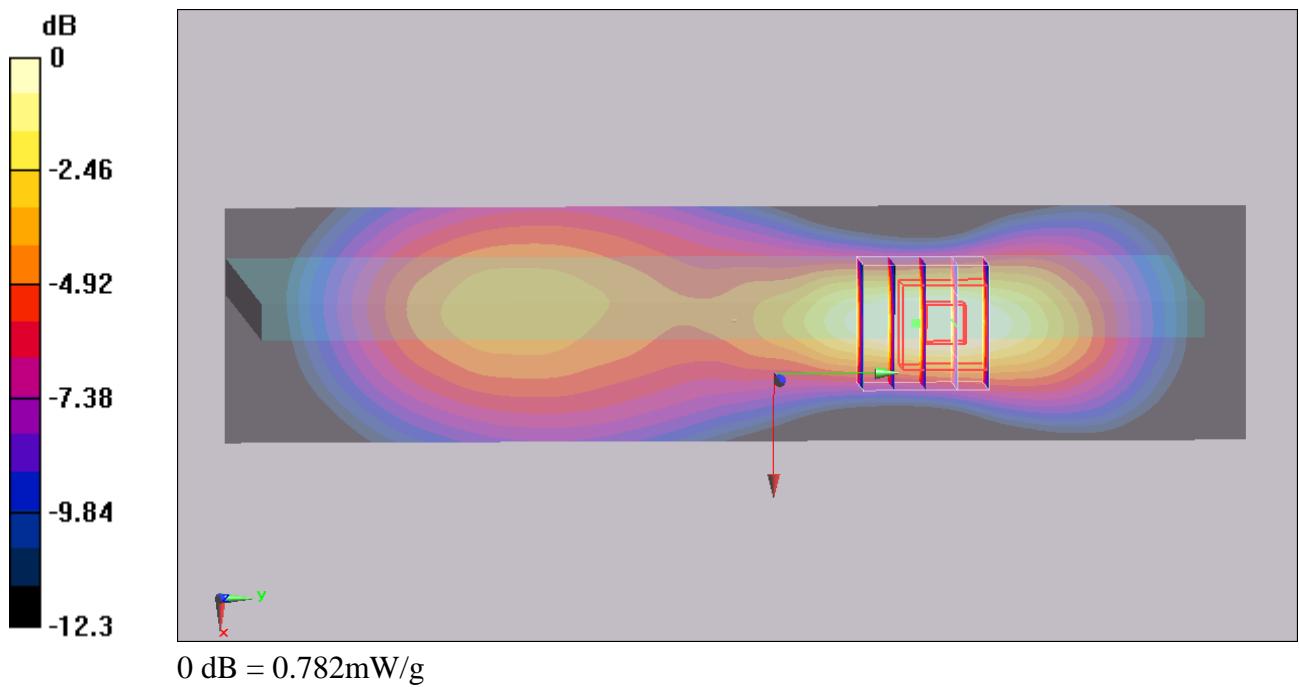
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = -0.00806 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.433 mW/g**

Maximum value of SAR (measured) = 0.782 mW/g



**#32 GSM850\_GPRS10\_Edge 1\_0.9cm\_Ch251****DUT: 240709**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120815 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 1.01 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch251/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.04 mW/g

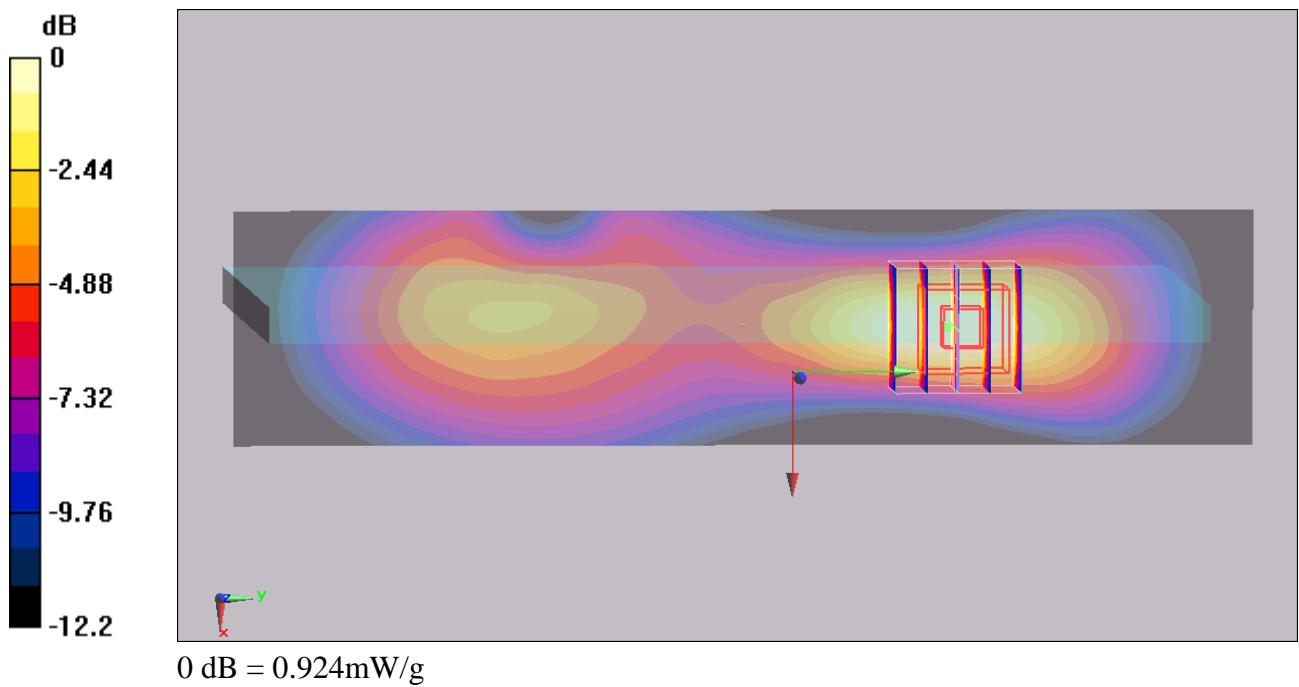
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.9 V/m; Power Drift = 0.103 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.852 mW/g; SAR(10 g) = 0.517 mW/g**

Maximum value of SAR (measured) = 0.924 mW/g



$$0 \text{ dB} = 0.924\text{mW/g}$$

**#33 GSM850\_GPRS10\_Edge 2\_0cm\_Ch189****DUT: 240709**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120815 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.998 \text{ mho/m}$ ;  $\epsilon_r = 55.4$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch189/Area Scan (31x101x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.238 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.9 V/m; Power Drift = 0.00244 dB

Peak SAR (extrapolated) = 0.525 W/kg

**SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.133 mW/g**

Maximum value of SAR (measured) = 0.273 mW/g

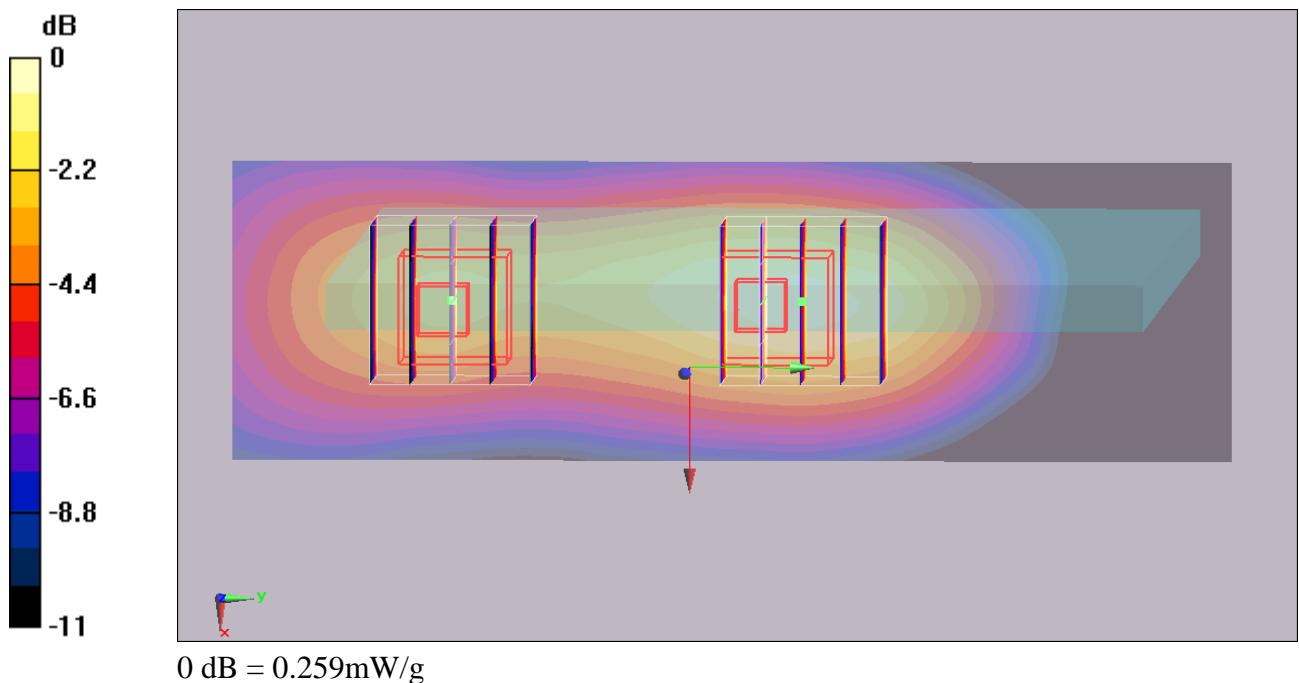
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.9 V/m; Power Drift = 0.00244 dB

Peak SAR (extrapolated) = 0.381 W/kg

**SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.152 mW/g**

Maximum value of SAR (measured) = 0.259 mW/g



**#02 GSM850\_GPRS10\_Bottom Face\_0cm\_Ch189****DUT: 240709**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120815 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.998 \text{ mho/m}$ ;  $\epsilon_r = 55.4$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch189/Area Scan (101x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.966 mW/g

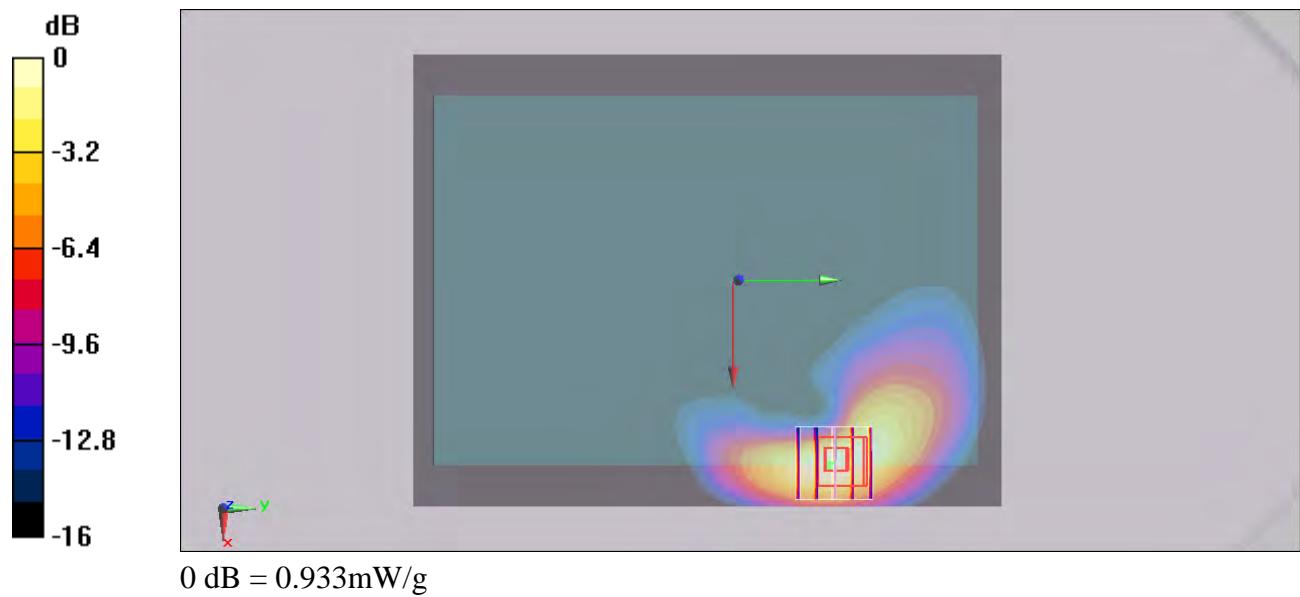
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.49 V/m; Power Drift = -0.124 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.866 mW/g; SAR(10 g) = 0.456 mW/g**

Maximum value of SAR (measured) = 0.933 mW/g



**#01 GSM850\_GPRS10\_Bottom Face\_0cm\_Ch128****DUT: 240709**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120815 Medium parameters used:  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.985 \text{ mho/m}$ ;  $\epsilon_r = 55.4$ ;  
 $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch128/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.793 mW/g

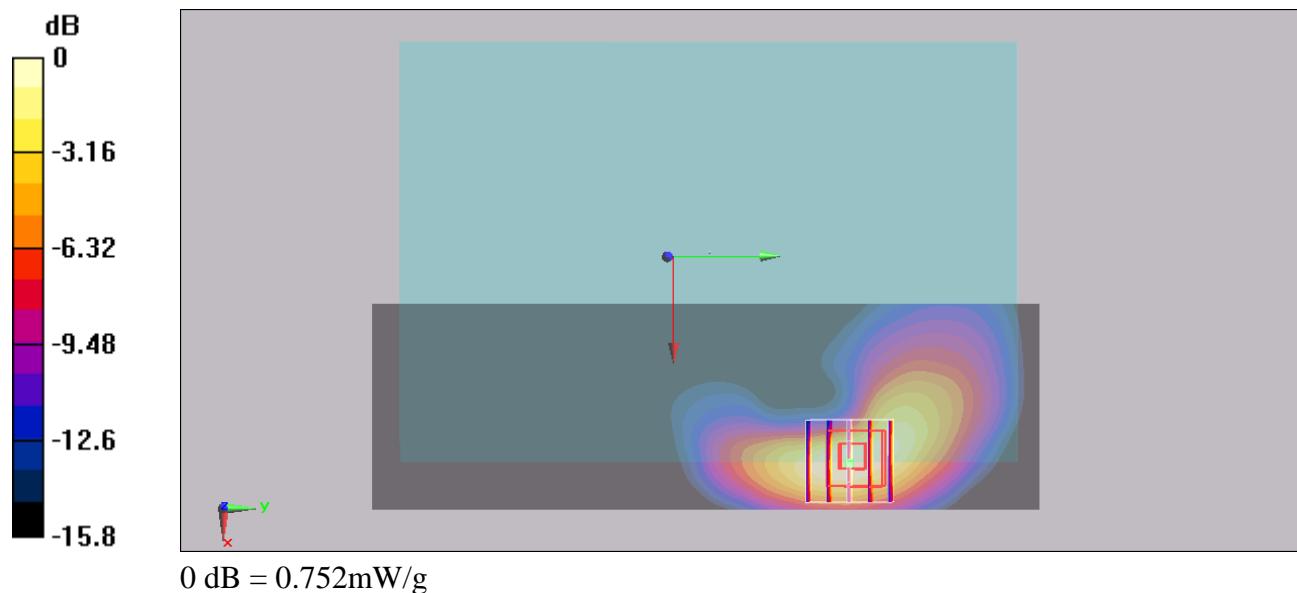
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.88 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.365 mW/g**

Maximum value of SAR (measured) = 0.752 mW/g



**#03 GSM850\_GPRS10\_Bottom Face\_0cm\_Ch251****DUT: 240709**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120815 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 1.01 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch251/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.09 mW/g

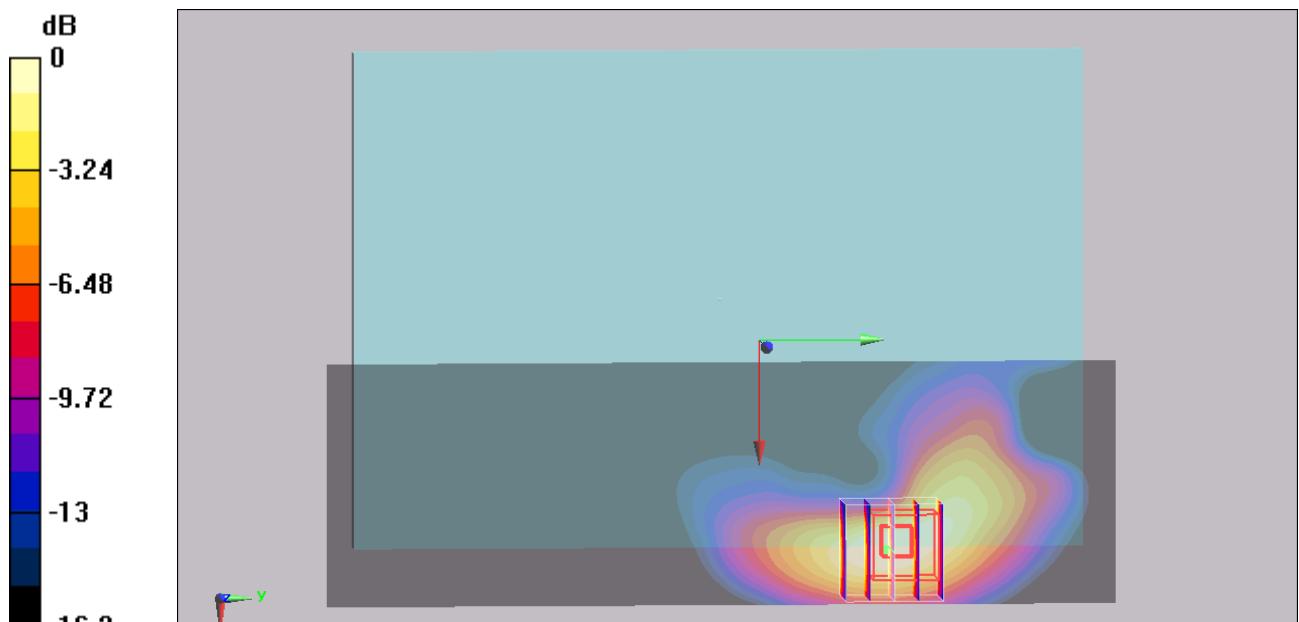
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.53 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.502 mW/g**

Maximum value of SAR (measured) = 1.03 mW/g



0 dB = 1.03mW/g

## #03 GSM850\_GPRS10\_Bottom Face\_0cm\_Ch251\_2D

**DUT: 240709**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120815 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 1.01 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch251/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm  
 Maximum value of SAR (interpolated) = 1.09 mW/g

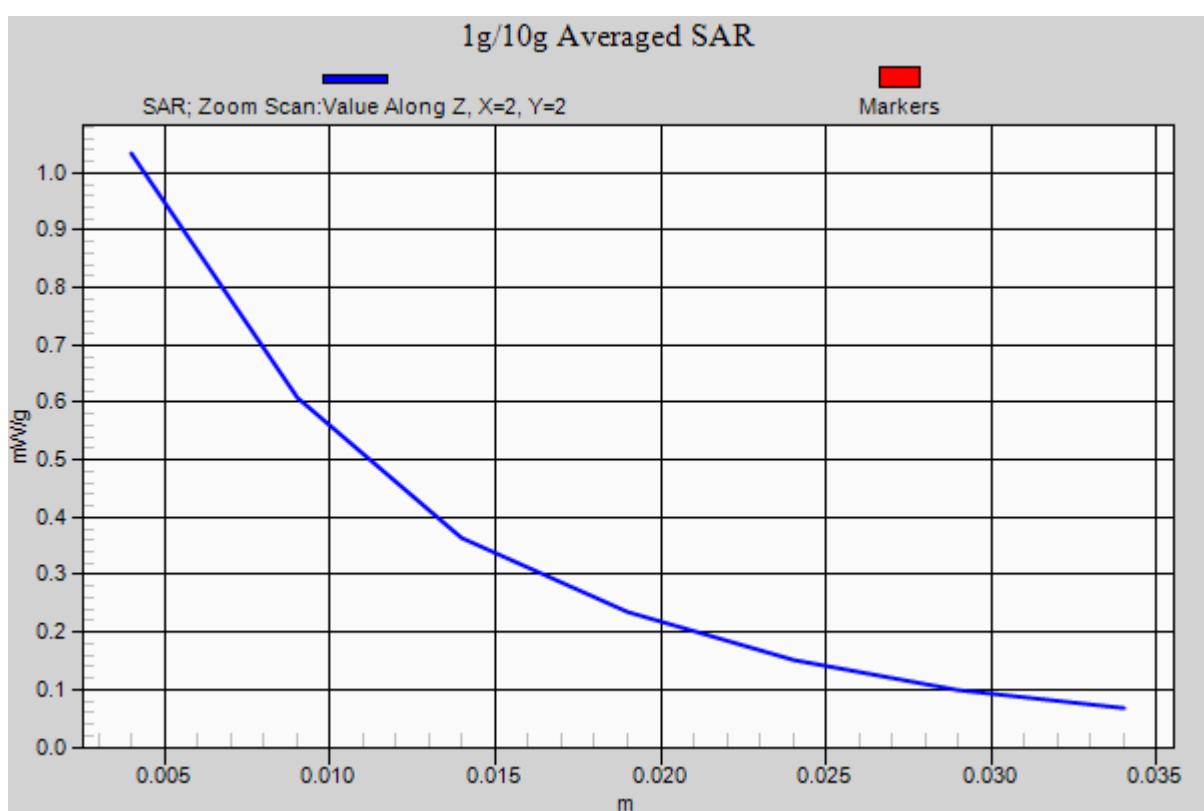
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.53 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.502 mW/g**

Maximum value of SAR (measured) = 1.03 mW/g



**#04 GSM850\_GPRS10\_Edge 1\_0cm\_Ch189****DUT: 240709**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120815 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.998 \text{ mho/m}$ ;  $\epsilon_r = 55.4$ ;  
 $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch189/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.576 mW/g

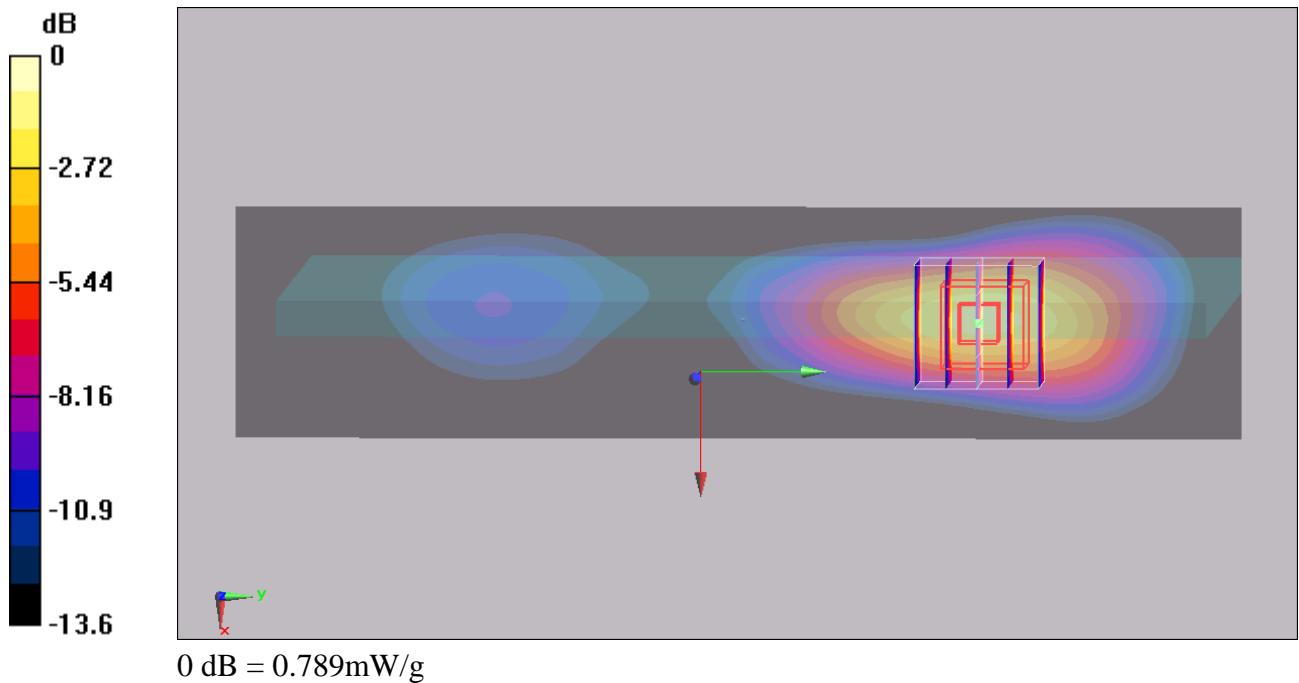
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.7 V/m; Power Drift = 0.066 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.348 mW/g**

Maximum value of SAR (measured) = 0.789 mW/g



**#107 GSM850\_GPRS10\_Curved surface of Edge 1\_Bottom Face tilted****0cm\_Ch189****DUT: 240709**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120821 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.996 \text{ mho/m}$ ;  $\epsilon_r = 54.7$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.99, 8.99, 8.99); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch189/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.946 mW/g

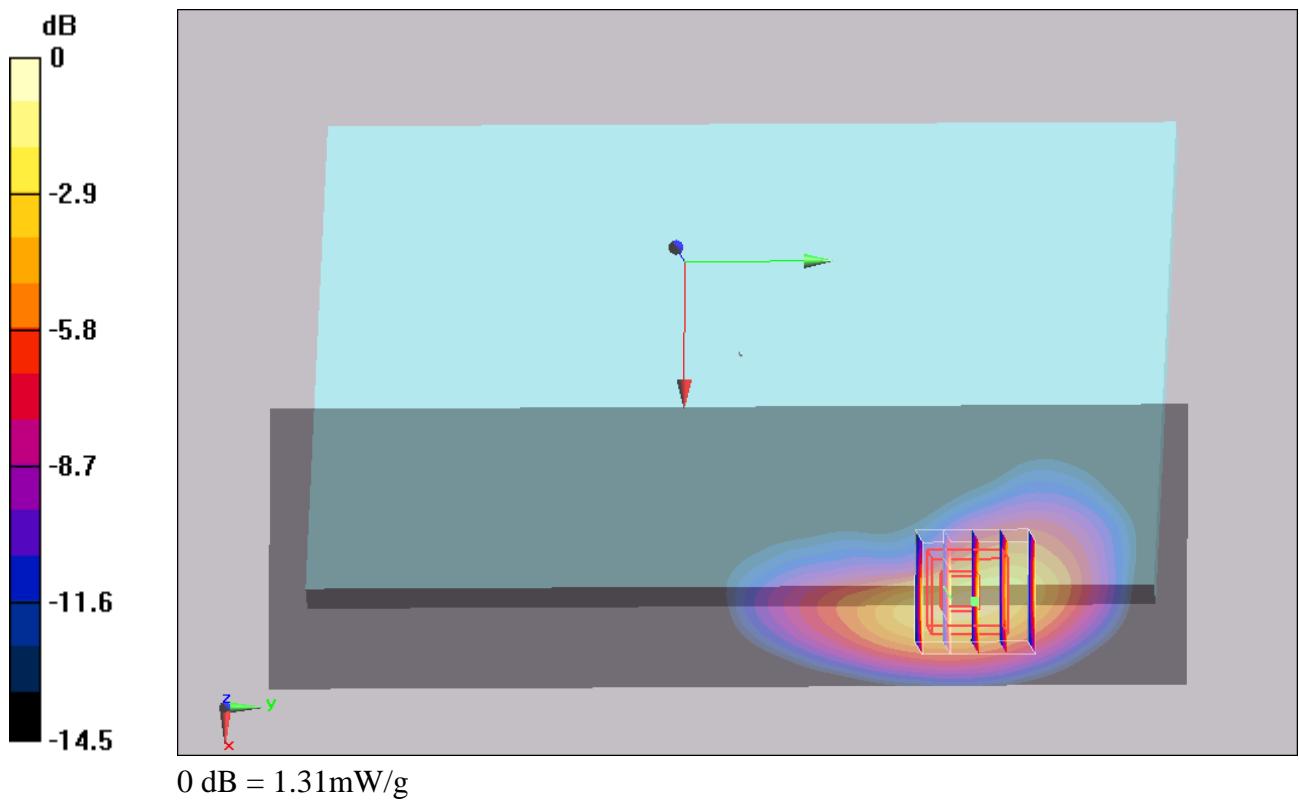
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.04 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 2.32 W/kg

**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.601 mW/g**

Maximum value of SAR (measured) = 1.31 mW/g



**#101 GSM850\_GPRS10\_Curved surface of Edge 1\_Bottom Face tilted****0cm\_Ch128****DUT: 240709**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120821 Medium parameters used:  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.984 \text{ mho/m}$ ;  $\epsilon_r = 54.8$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.99, 8.99, 8.99); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch128/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.856 mW/g

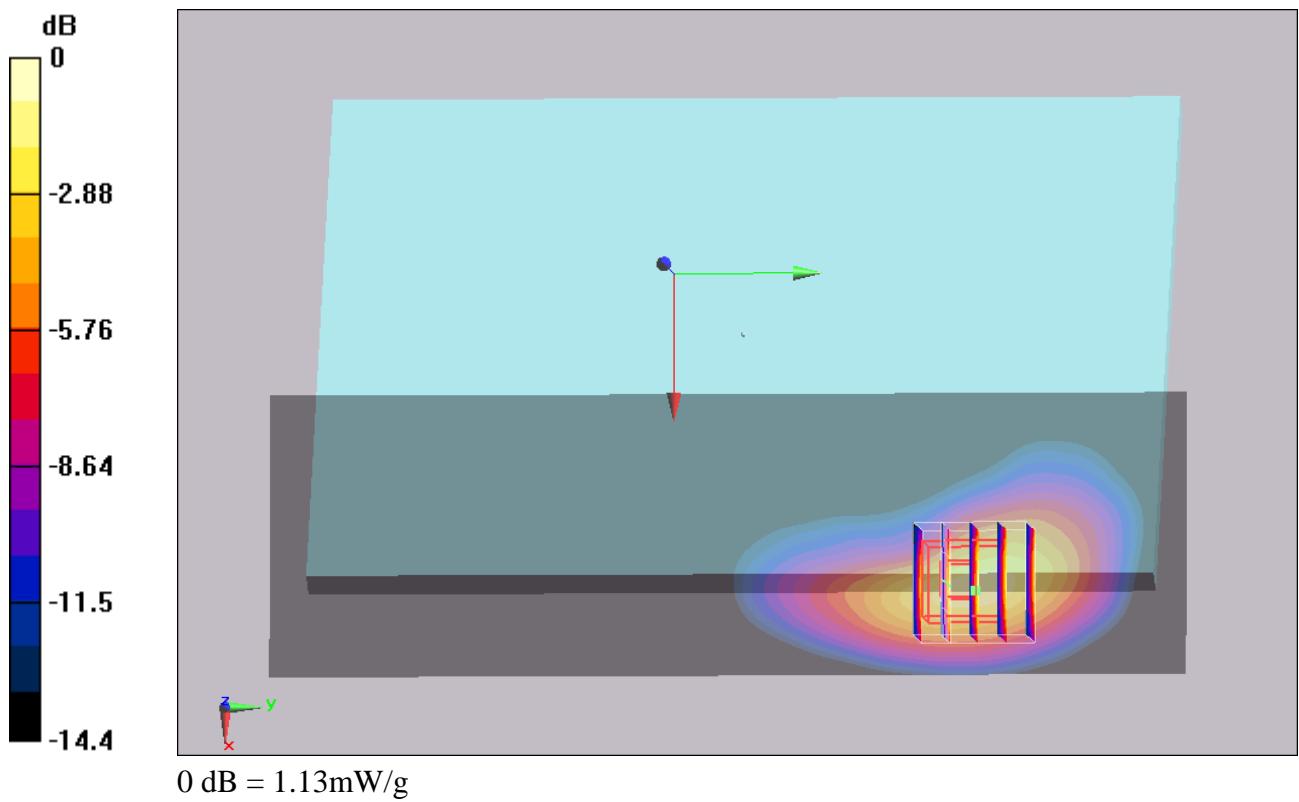
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.855 V/m; Power Drift = 0.172 dB

Peak SAR (extrapolated) = 2 W/kg

**SAR(1 g) = 1 mW/g; SAR(10 g) = 0.517 mW/g**

Maximum value of SAR (measured) = 1.13 mW/g



**#102 GSM850\_GPRS10\_Curved surface of Edge 1\_Bottom Face tilted****0cm\_Ch251****DUT: 240709**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 1.01 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.99, 8.99, 8.99); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch251/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.22 mW/g

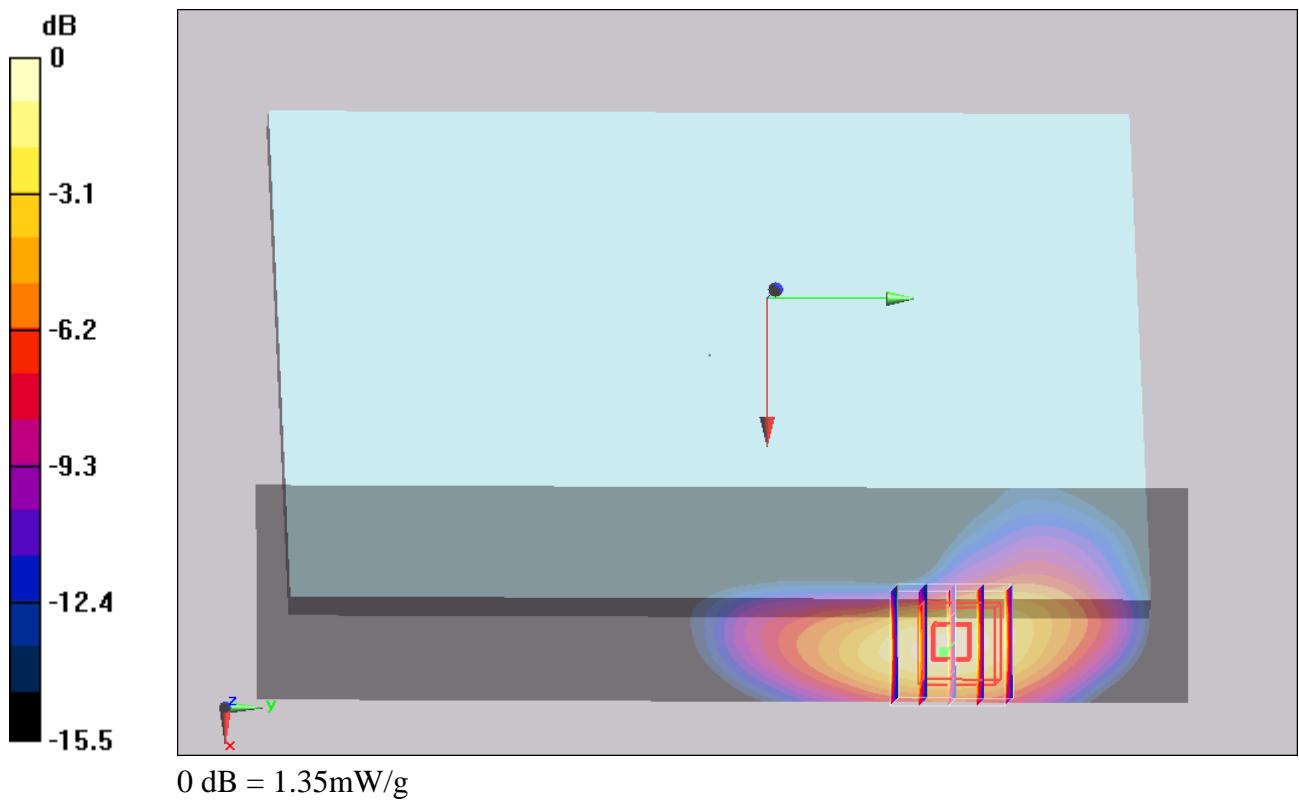
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.937 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.42 W/kg

**SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.618 mW/g**

Maximum value of SAR (measured) = 1.35 mW/g



## #102 GSM850\_GPRS10\_Curved surface of Edge 1\_Bottom Face tilted

## 0cm\_Ch251\_2D

**DUT: 240709**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_120815 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 55.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch251/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm  
 Maximum value of SAR (interpolated) = 1.05 mW/g

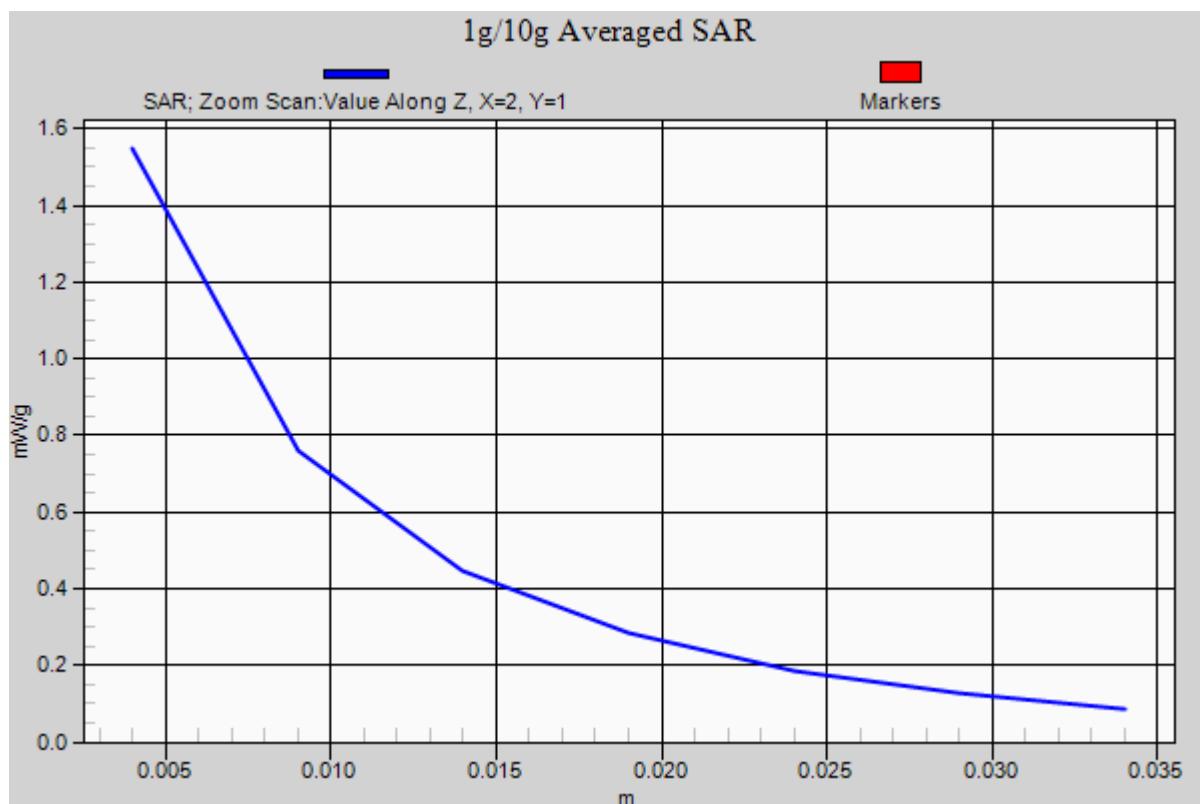
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.823 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 2.69 W/kg

**SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.627 mW/g**

Maximum value of SAR (measured) = 1.55 mW/g



**#55 GSM1900\_GPRS10\_Bottom Face\_1.1cm\_Ch810****DUT: 240709**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120820 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 54.6$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch810/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.548 mW/g

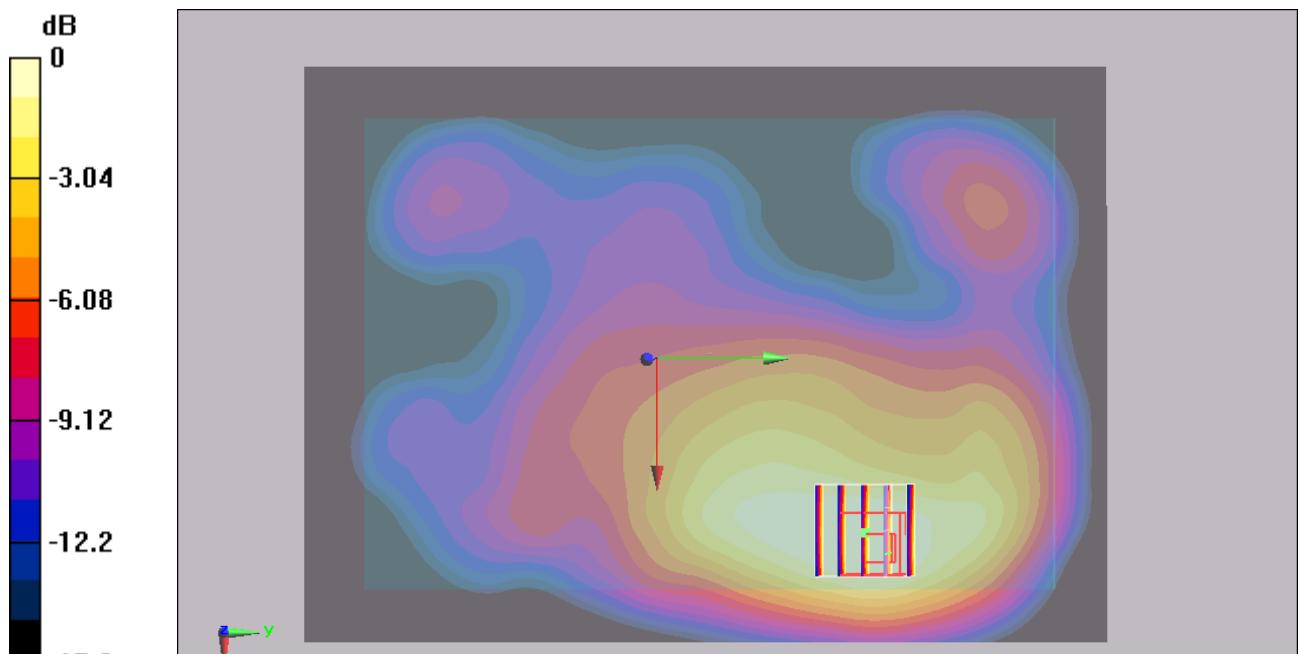
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.06 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.679 W/kg

**SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.266 mW/g**

Maximum value of SAR (measured) = 0.466 mW/g



0 dB = 0.466mW/g

**#55 GSM1900\_GPRS10\_Bottom Face\_1.1cm\_Ch810\_2D****DUT: 240709**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120820 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 54.6$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch810/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.548 mW/g

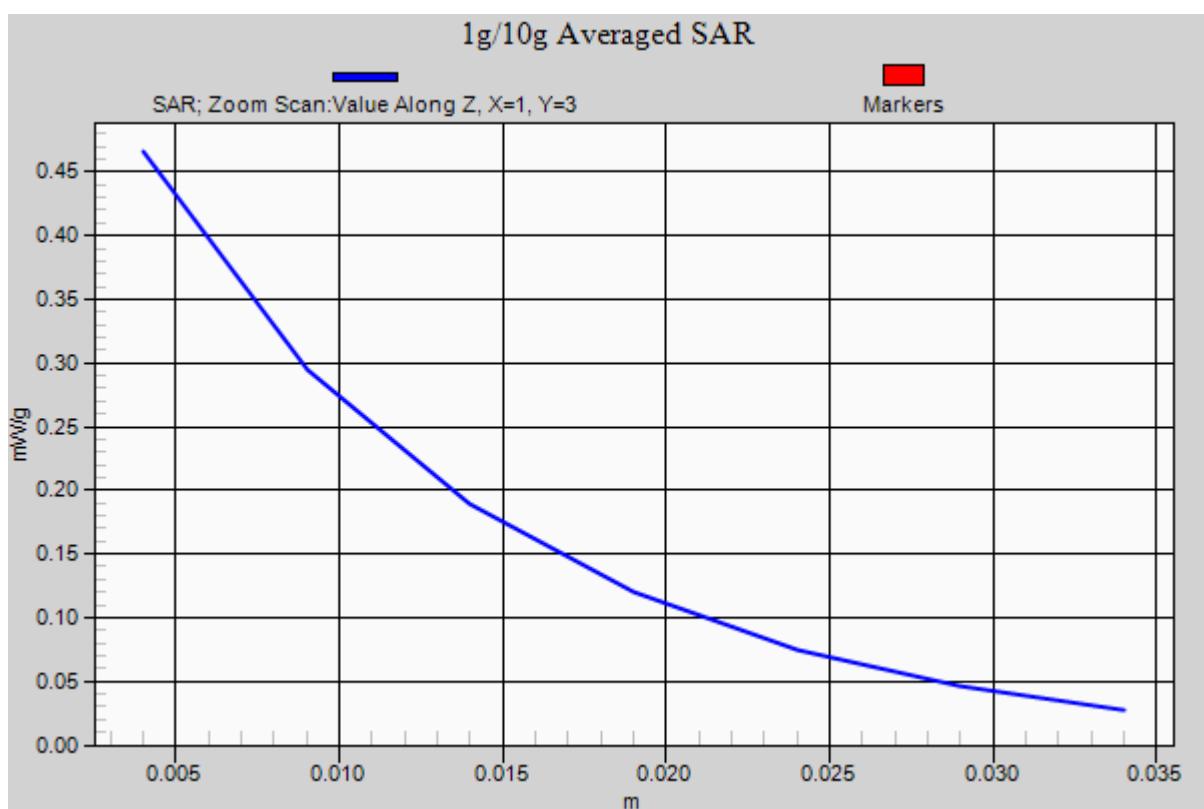
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.06 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.679 W/kg

**SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.266 mW/g**

Maximum value of SAR (measured) = 0.466 mW/g



**#56 GSM1900\_GPRS10\_Edge 1\_0.9cm\_Ch810****DUT: 240709**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120820 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 54.6$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch810/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.440 mW/g

**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.651 W/kg

**SAR(1 g) = 0.397 mW/g; SAR(10 g) = 0.240 mW/g**

Maximum value of SAR (measured) = 0.430 mW/g

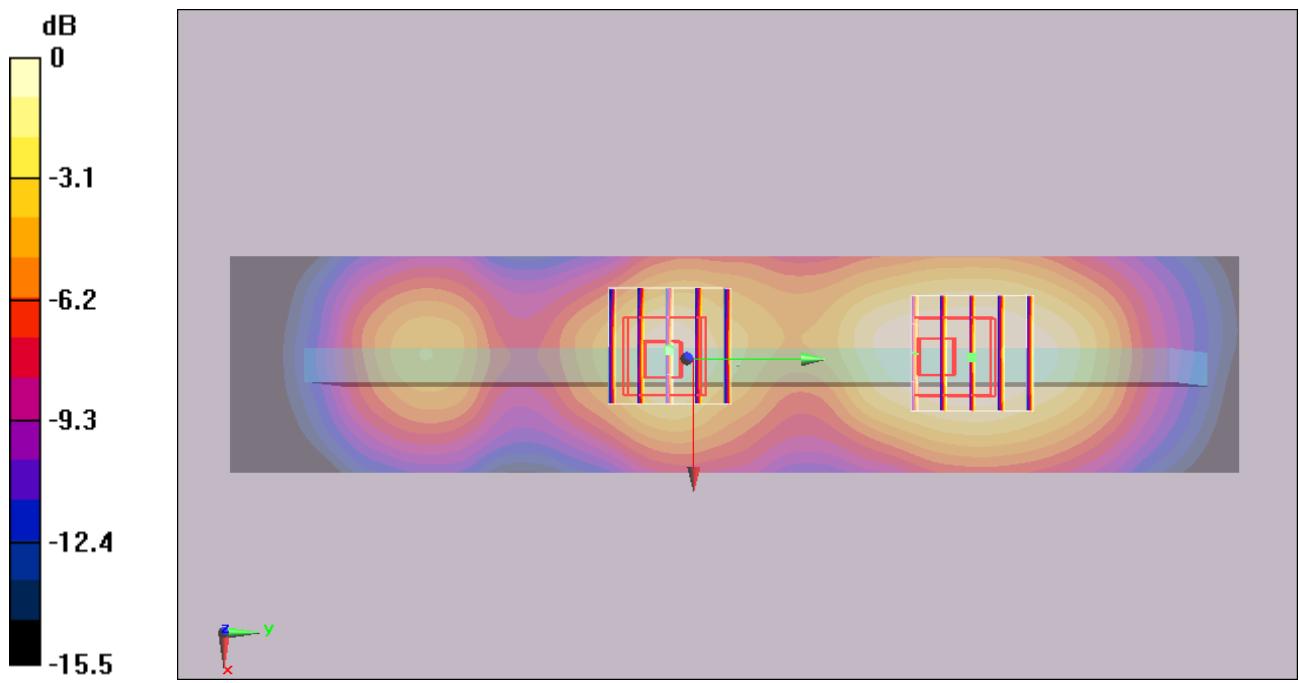
**Ch810/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.580 W/kg

**SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.197 mW/g**

Maximum value of SAR (measured) = 0.377 mW/g



0 dB = 0.377mW/g

**#57 GSM1900\_GPRS10\_Edge 2\_0.9cm\_Ch810****DUT: 240709**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120820 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 54.6$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch810/Area Scan (31x101x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.349 mW/g

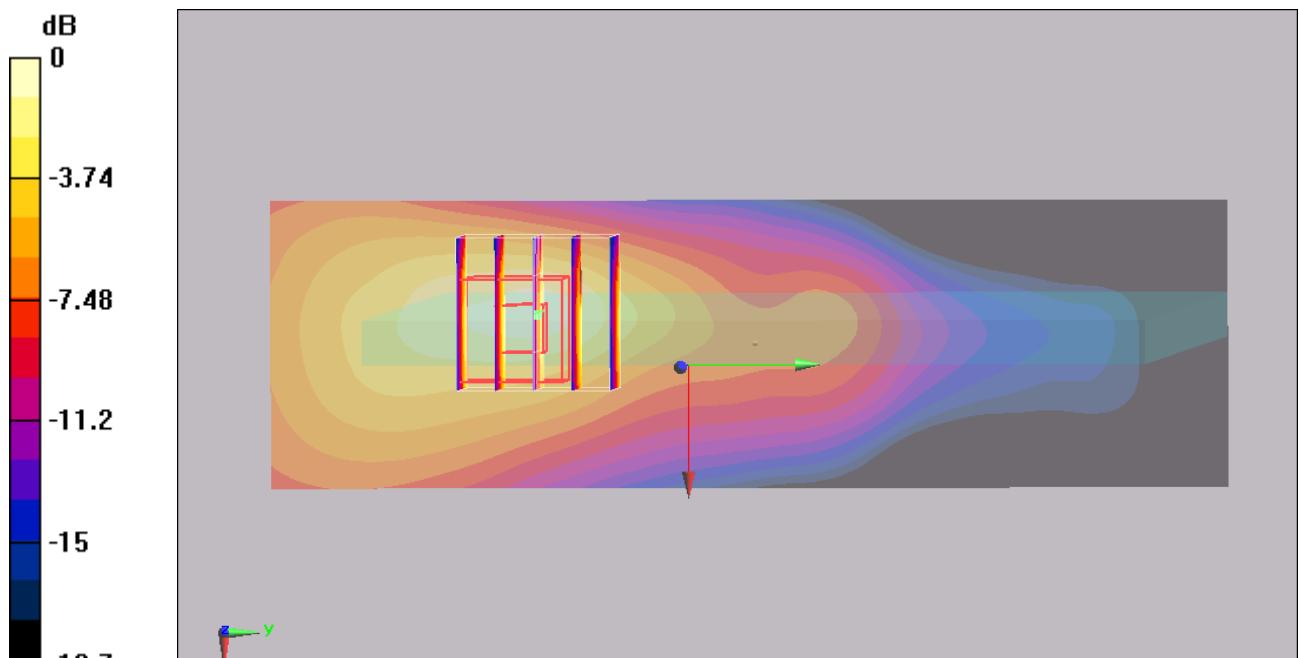
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.33 V/m; Power Drift = -0.00754 dB

Peak SAR (extrapolated) = 0.732 W/kg

**SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.200 mW/g**

Maximum value of SAR (measured) = 0.395 mW/g



0 dB = 0.395mW/g

**#99 GSM1900\_GPRS10\_Bottom Face\_0cm\_Ch810****DUT: 240709**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120725 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.526 \text{ mho/m}$ ;  $\epsilon_r = 53.581$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch810/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.840 mW/g

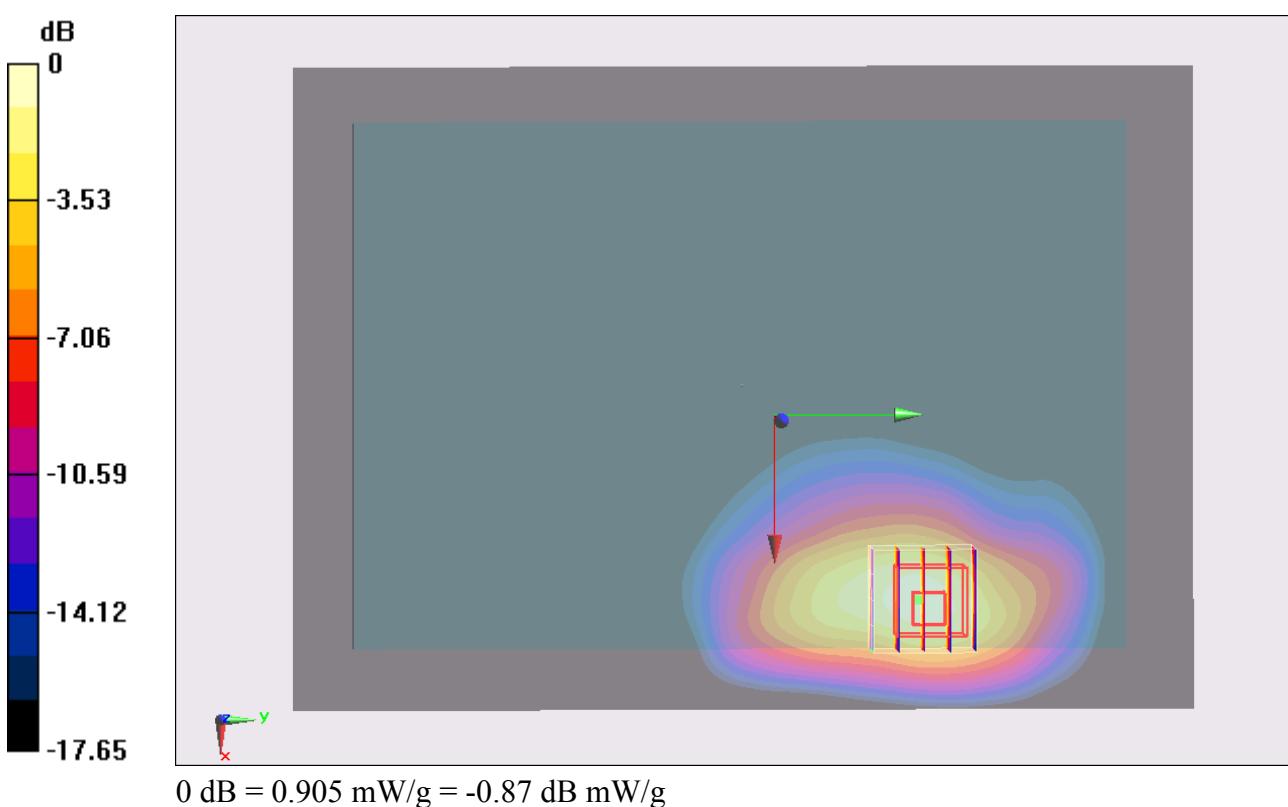
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.929 V/m; Power Drift = -0.177 dB

Peak SAR (extrapolated) = 1.425 mW/g

**SAR(1 g) = 0.845 mW/g; SAR(10 g) = 0.493 mW/g**

Maximum value of SAR (measured) = 0.905 mW/g



**#97 GSM1900\_GPRS10\_Bottom Face\_0cm\_Ch512****DUT: 240709**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120725 Medium parameters used :  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.476 \text{ mho/m}$ ;  $\epsilon_r = 53.853$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch512/Area Scan (101x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.03 mW/g

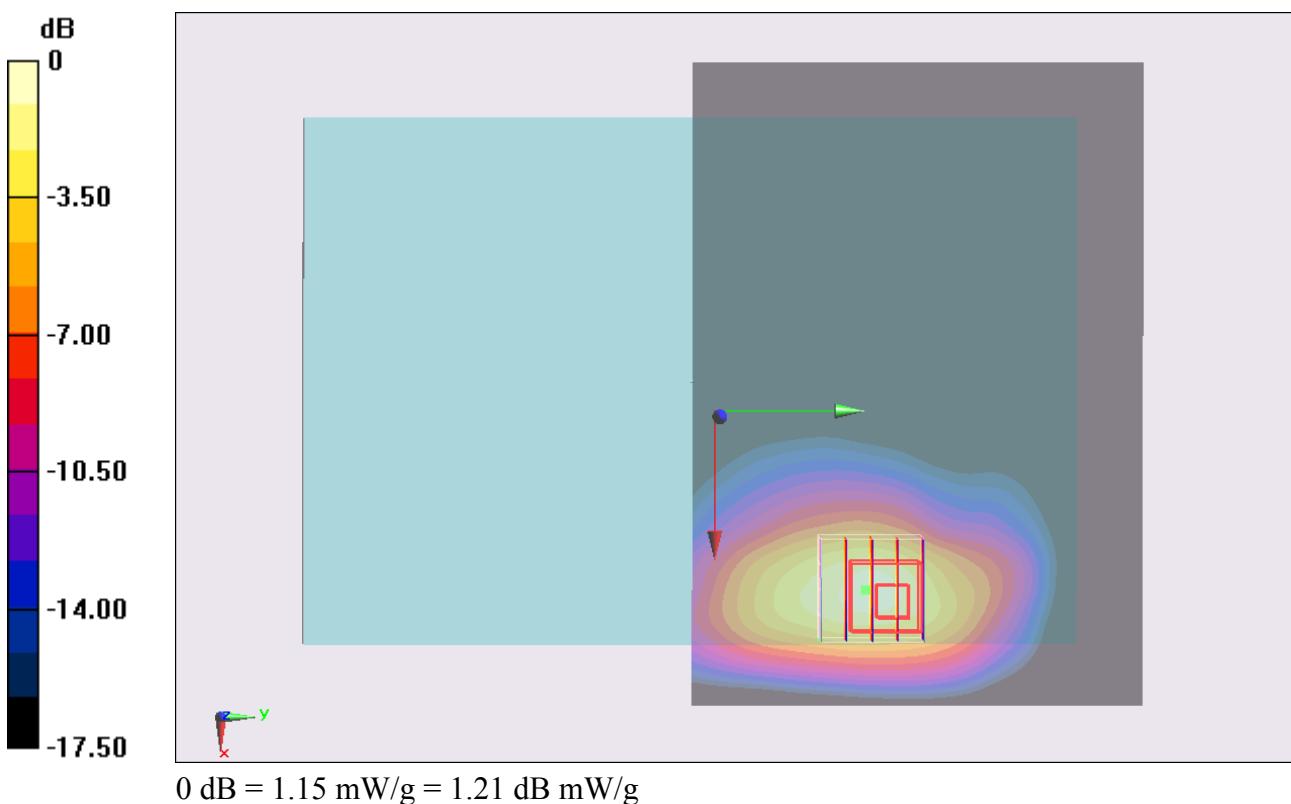
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.939 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.954 mW/g

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.637 mW/g**

Maximum value of SAR (measured) = 1.15 mW/g



**#97 GSM1900\_GPRS10\_Bottom Face\_0cm\_Ch512\_2D****DUT: 240709**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120725 Medium parameters used :  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.476 \text{ mho/m}$ ;  $\epsilon_r = 53.853$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch512/Area Scan (101x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.03 mW/g

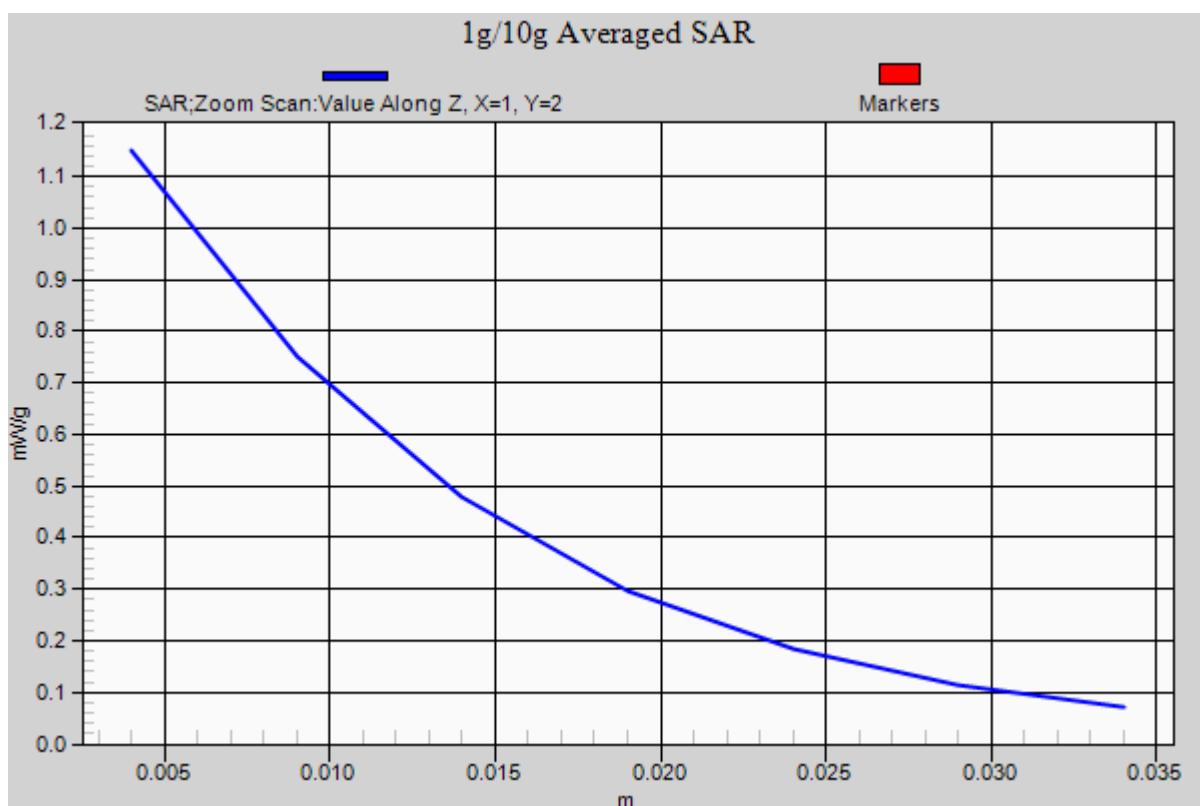
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.939 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.954 mW/g

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.637 mW/g**

Maximum value of SAR (measured) = 1.15 mW/g



**#98 GSM1900\_GPRS10\_Bottom Face\_0cm\_Ch661****DUT: 240709**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120725 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.744$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch661/Area Scan (101x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.876 mW/g

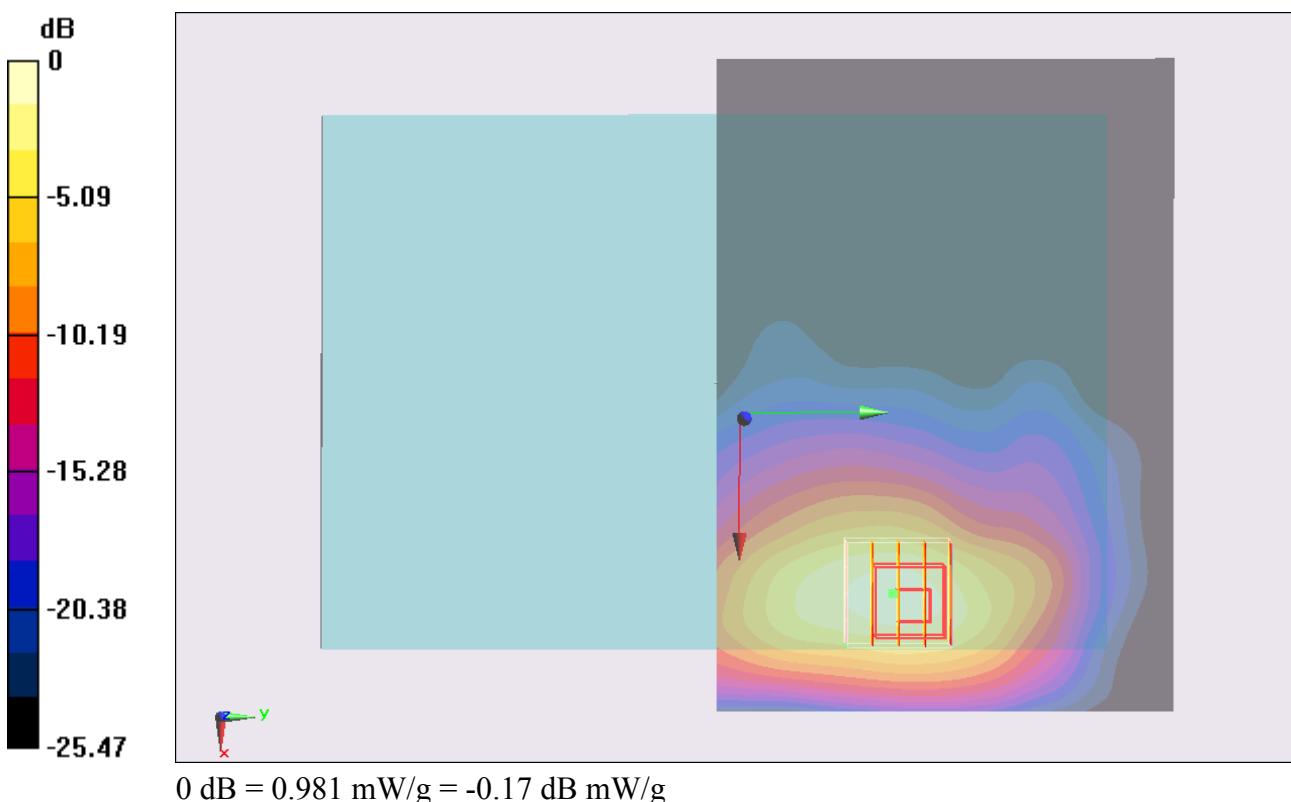
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.040 V/m; Power Drift = -0.187 dB

Peak SAR (extrapolated) = 1.579 mW/g

**SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.535 mW/g**

Maximum value of SAR (measured) = 0.981 mW/g



**#100 GSM1900\_GPRS10\_Edge 1\_0cm\_Ch810****DUT: 240709**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120725 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.526$  mho/m;  $\epsilon_r = 53.581$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch810/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.447 mW/g

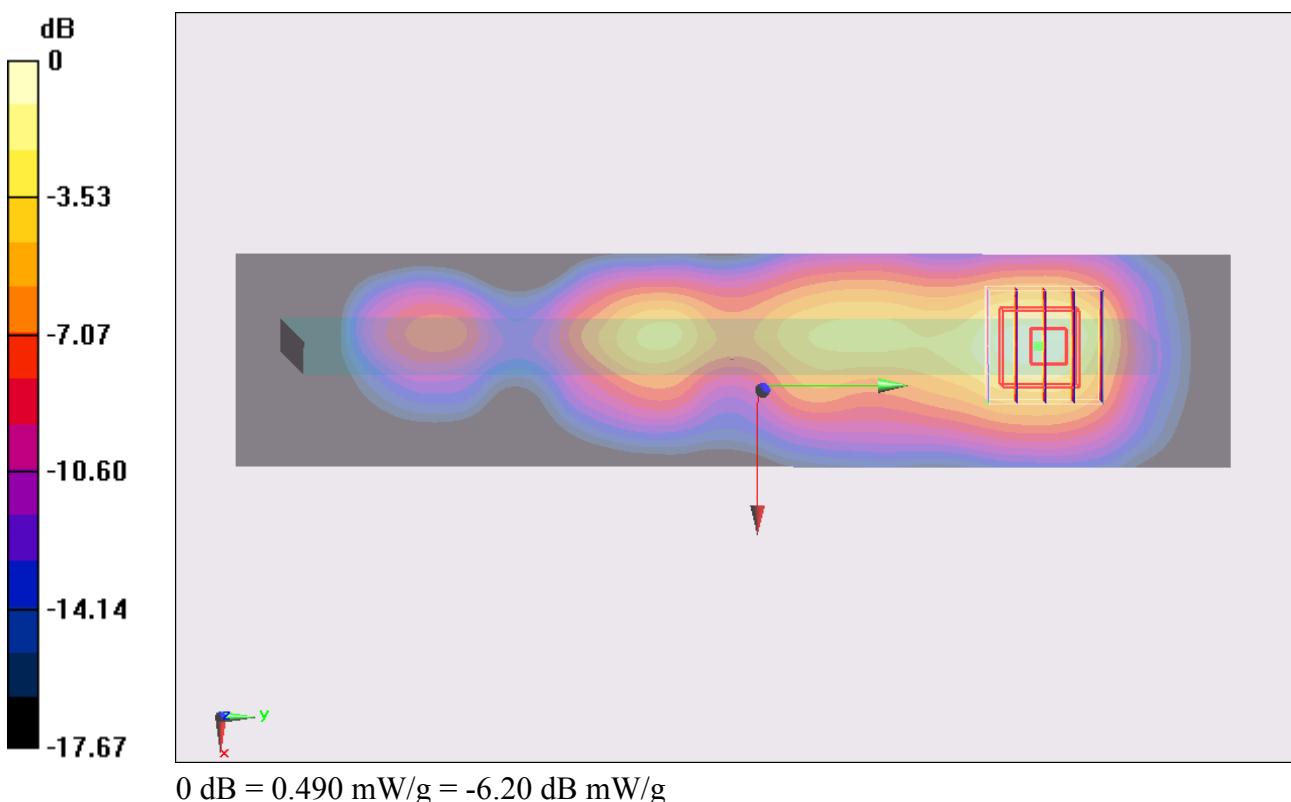
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.969 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.718 mW/g

**SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.234 mW/g**

Maximum value of SAR (measured) = 0.490 mW/g



**#109 GSM1900\_GPRS10\_Curved surface of Edge 1\_Bottom Face tilted****0cm\_Ch810****DUT: 240709**

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120816 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.56 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch810/Area Scan (91x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.827 mW/g

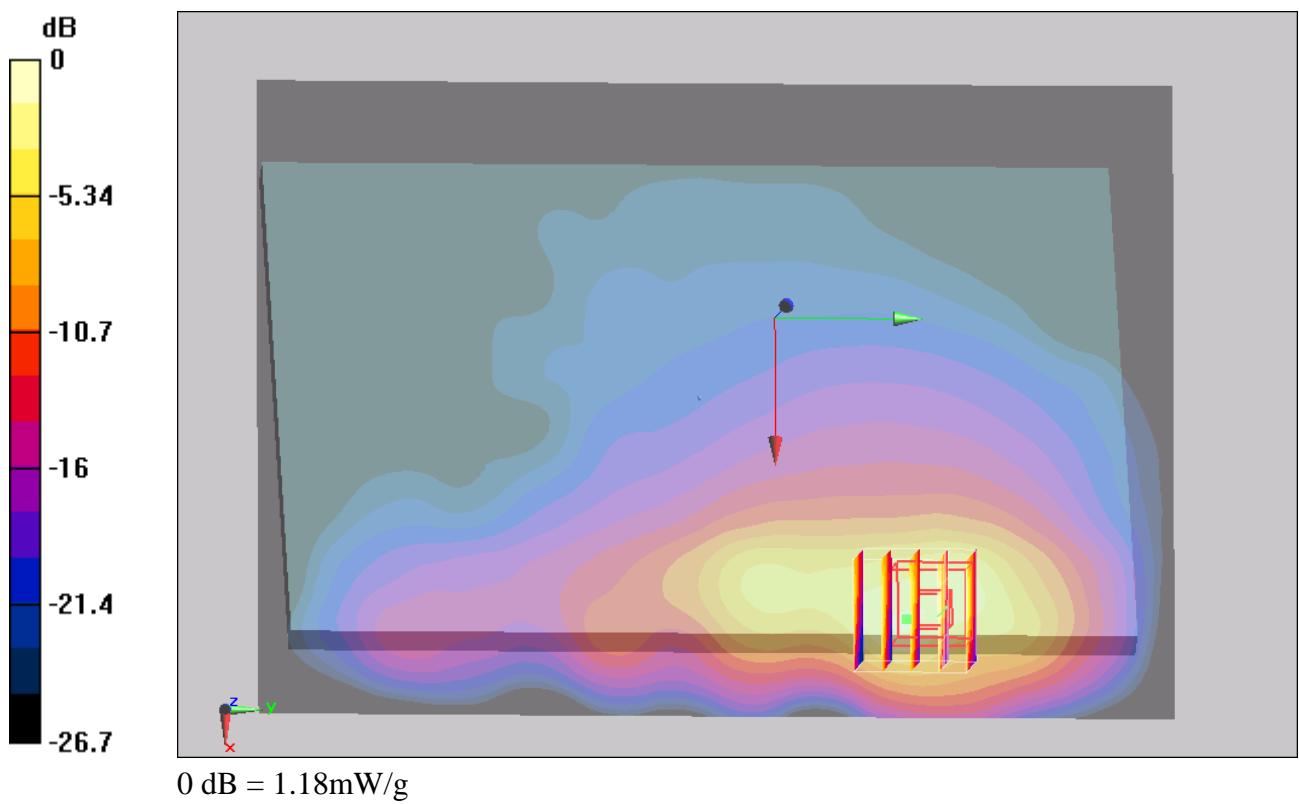
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.97 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.534 mW/g**

Maximum value of SAR (measured) = 1.18 mW/g



**#121 GSM1900\_GPRS10\_Curved surface of Edge 1\_Bottom Face tilted****0cm\_Ch512****DUT: 240709**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120821 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.5 \text{ mho/m}$ ;  $\epsilon_r = 52.2$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch512/Area Scan (51x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.31 mW/g

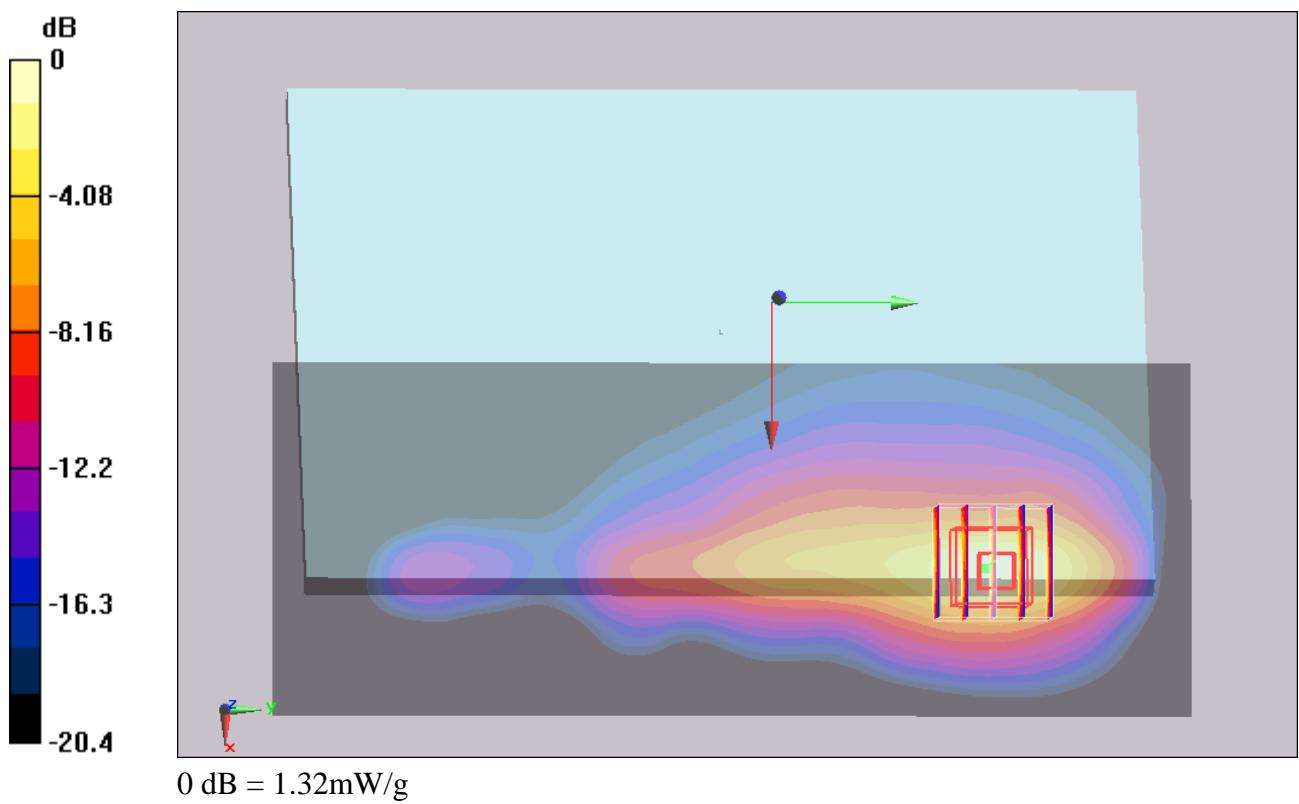
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.5 V/m; Power Drift = 0.066 dB

Peak SAR (extrapolated) = 2.03 W/kg

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.553 mW/g**

Maximum value of SAR (measured) = 1.32 mW/g



**#121 GSM1900\_GPRS10\_Curved surface of Edge 1\_Bottom Face tilted****0cm\_Ch512\_2D****DUT: 240709**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120820 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.5 \text{ mho/m}$ ;  $\epsilon_r = 52.2$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch512/Area Scan (51x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.31 mW/g

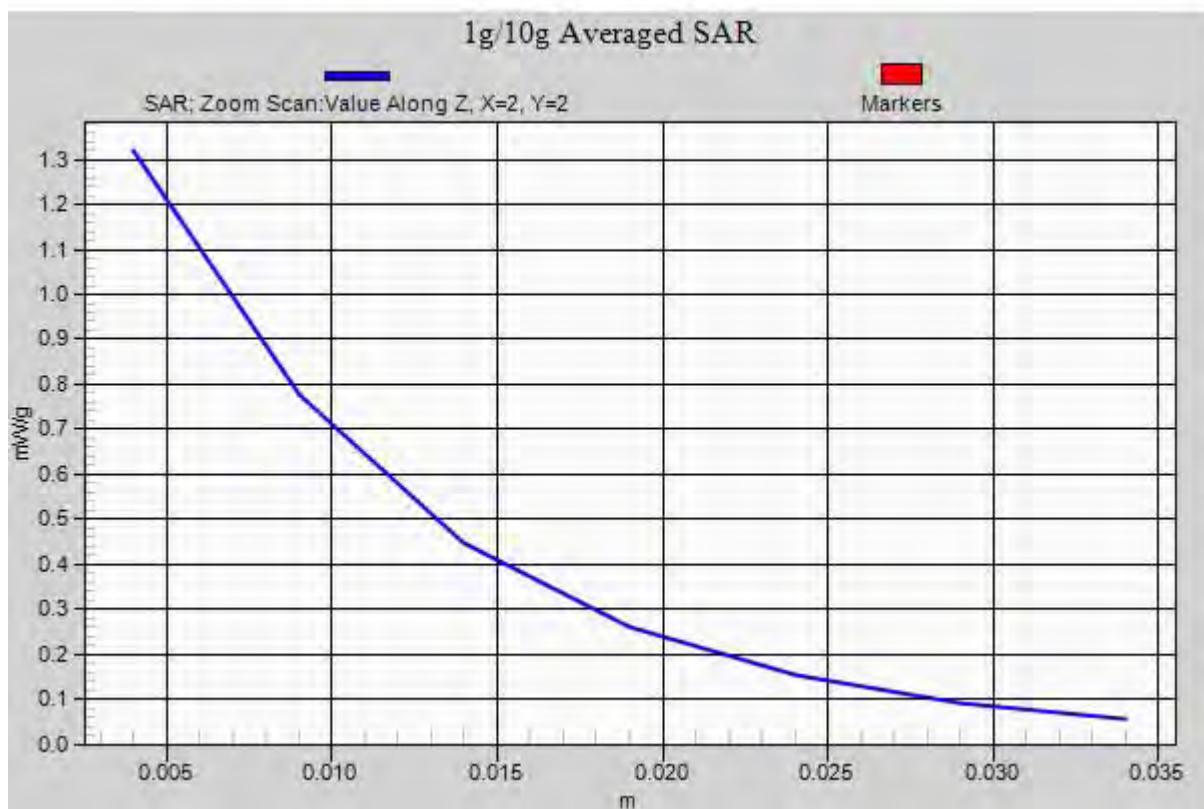
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.5 V/m; Power Drift = 0.066 dB

Peak SAR (extrapolated) = 2.03 W/kg

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.553 mW/g**

Maximum value of SAR (measured) = 1.32 mW/g



**#108 GSM1900\_GPRS10\_Curved surface of Edge 1\_Bottom Face tilted****0cm\_Ch661****DUT: 240709**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120816 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 52$ ;  $\rho$   
 $= 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch661/Area Scan (51x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.08 mW/g

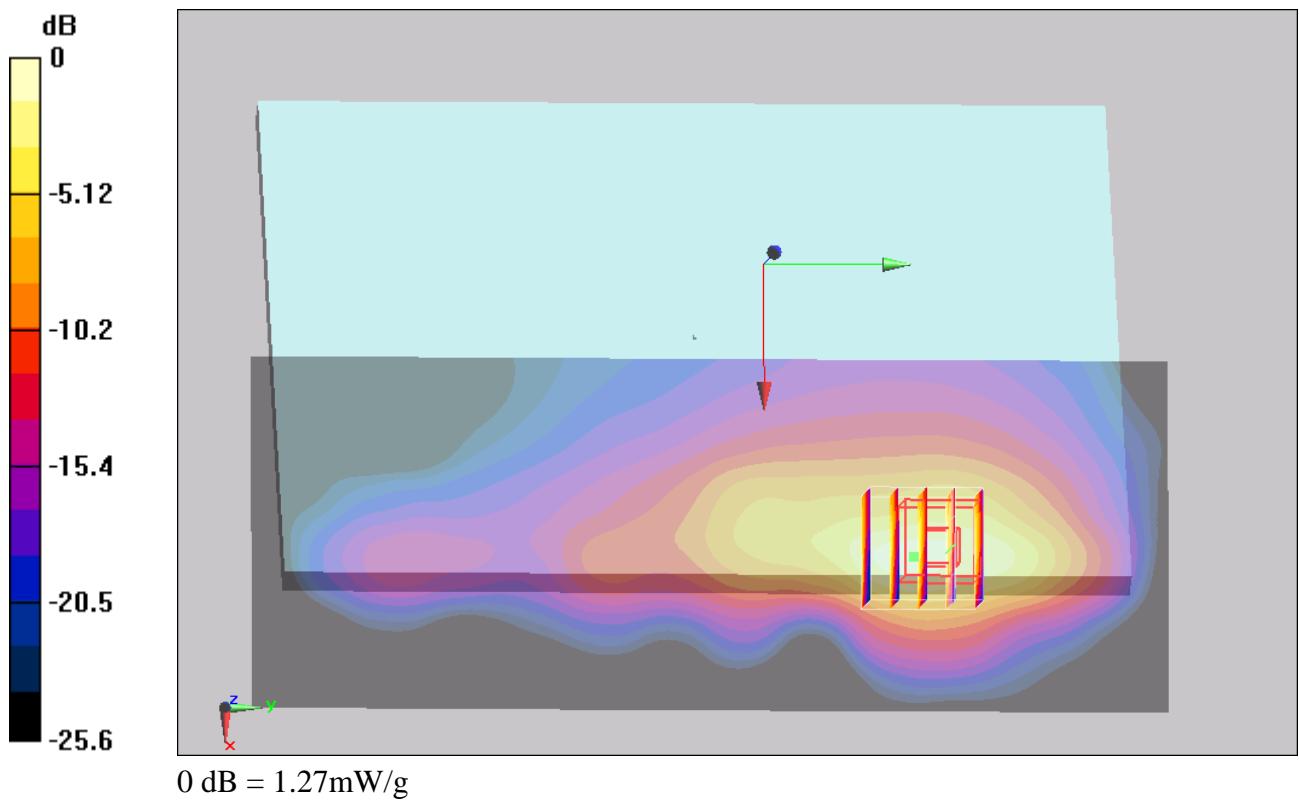
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.97 V/m; Power Drift = -0.183 dB

Peak SAR (extrapolated) = 2.05 W/kg

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.553 mW/g**

Maximum value of SAR (measured) = 1.27 mW/g



**#34 WCDMA V\_RMC12.2K\_Bottom Face\_1.1cm\_Ch4233****DUT: 240709**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_120724 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.995 \text{ mho/m}$ ;  $\epsilon_r = 54.247$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4233/Area Scan (101x141x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ 

Maximum value of SAR (interpolated) = 0.538 mW/g

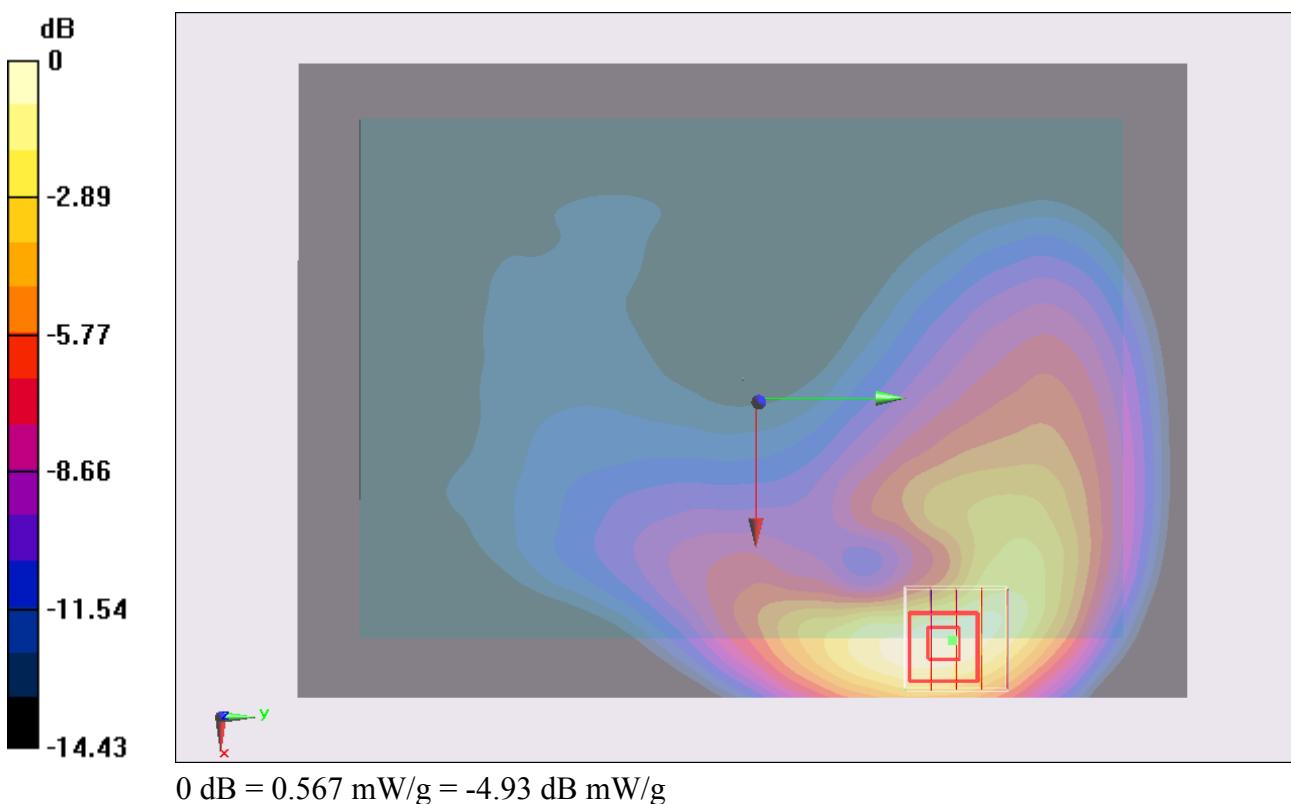
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 4.821 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.767 mW/g

**SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.318 mW/g**

Maximum value of SAR (measured) = 0.567 mW/g



**#34 WCDMA V\_RMC12.2K\_Bottom Face\_1.1cm\_Ch4233\_2D****DUT: 240709**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_120724 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.995 \text{ mho/m}$ ;  $\epsilon_r = 54.247$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4233/Area Scan (101x141x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ 

Maximum value of SAR (interpolated) = 0.538 mW/g

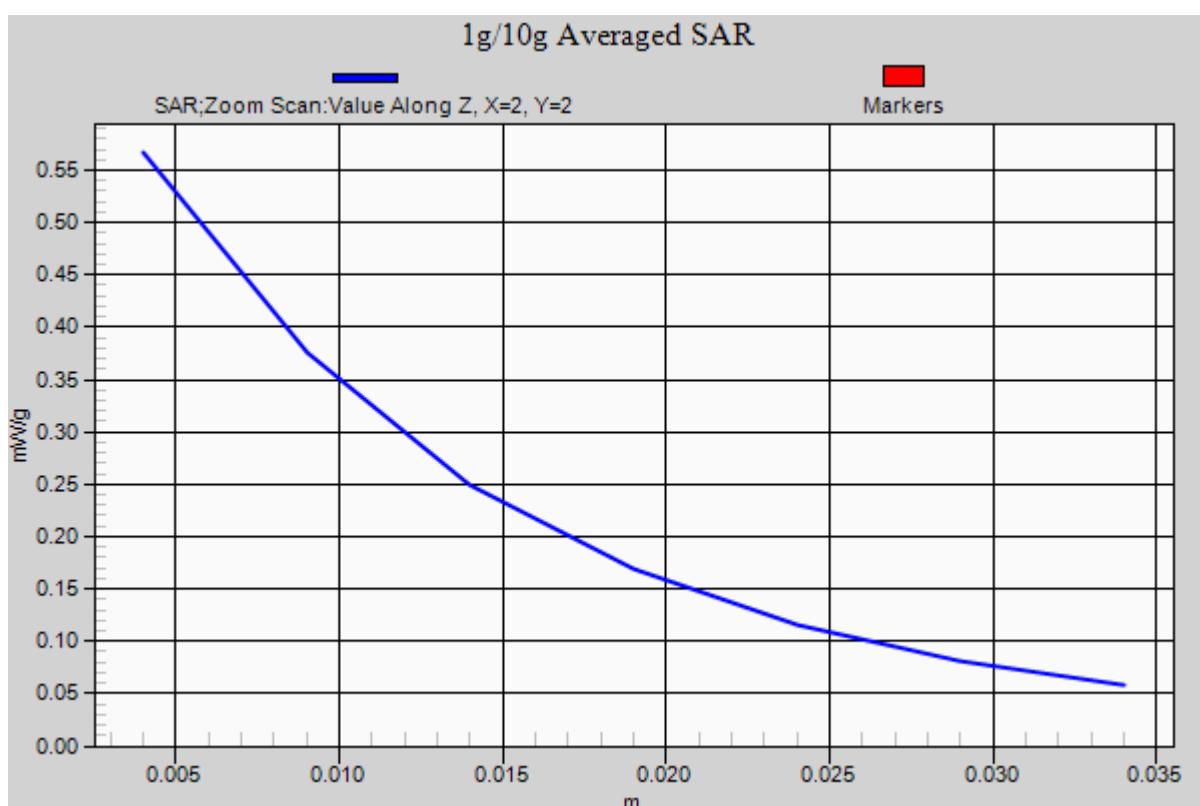
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 4.821 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.767 mW/g

**SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.318 mW/g**

Maximum value of SAR (measured) = 0.567 mW/g



## #35 WCDMA V\_RMC12.2K\_Edge 1\_0.9cm\_Ch4233

**DUT: 240709**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_120724 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.995 \text{ mho/m}$ ;  $\epsilon_r = 54.247$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4233/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.597 mW/g

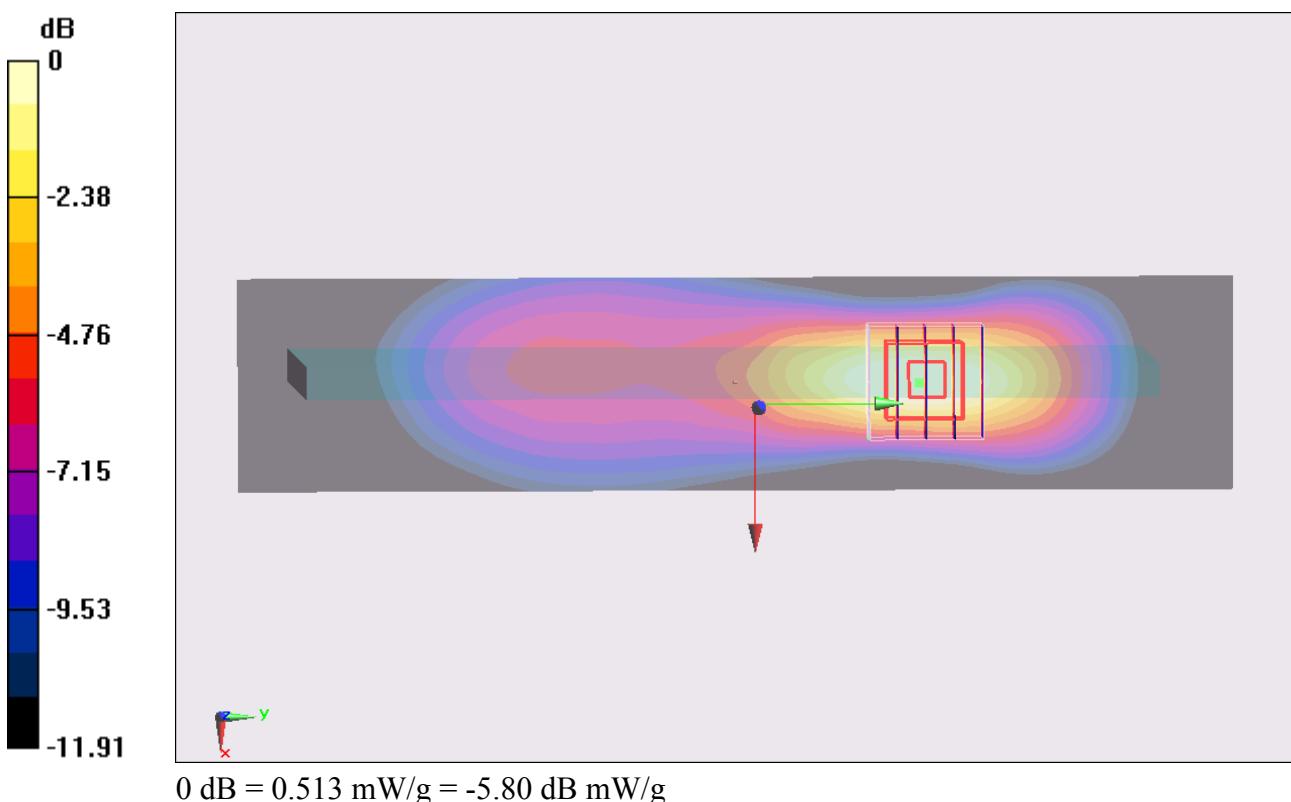
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.289 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.704 mW/g

**SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.283 mW/g**

Maximum value of SAR (measured) = 0.513 mW/g



**#36 WCDMA V\_RMC12.2K\_Edge 2\_0cm\_Ch4233****DUT: 240709**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_120724 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.995 \text{ mho/m}$ ;  $\epsilon_r = 54.247$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch4233/Area Scan (31x101x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.109 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.053 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.160 mW/g

**SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.067 mW/g**

Maximum value of SAR (measured) = 0.111 mW/g

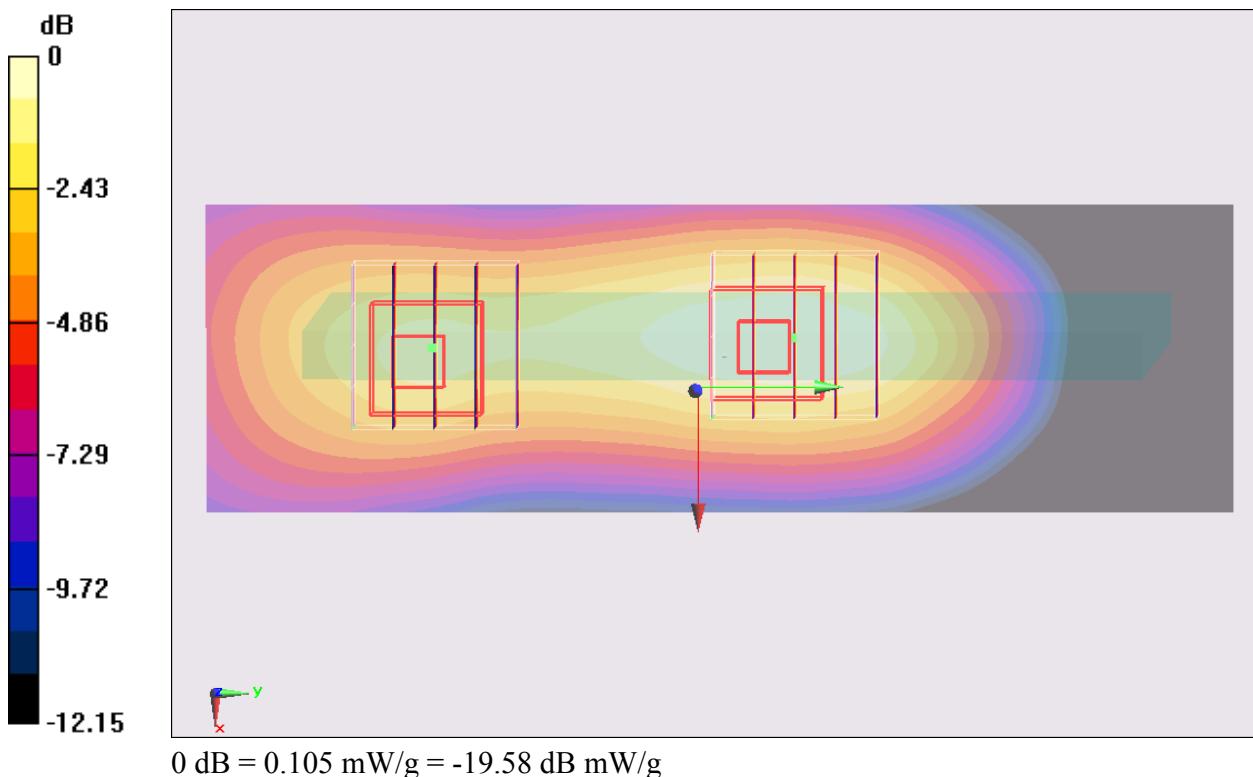
**Ch4233/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.053 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.208 mW/g

**SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.057 mW/g**

Maximum value of SAR (measured) = 0.105 mW/g



**#05 WCDMA V\_RMC12.2K\_Bottom Face\_0cm\_Ch4132****DUT: 240709**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_120815 Medium parameters used:  $f = 826.4 \text{ MHz}$ ;  $\sigma = 0.988 \text{ mho/m}$ ;  $\epsilon_r = 55.4$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch4132/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.934 mW/g

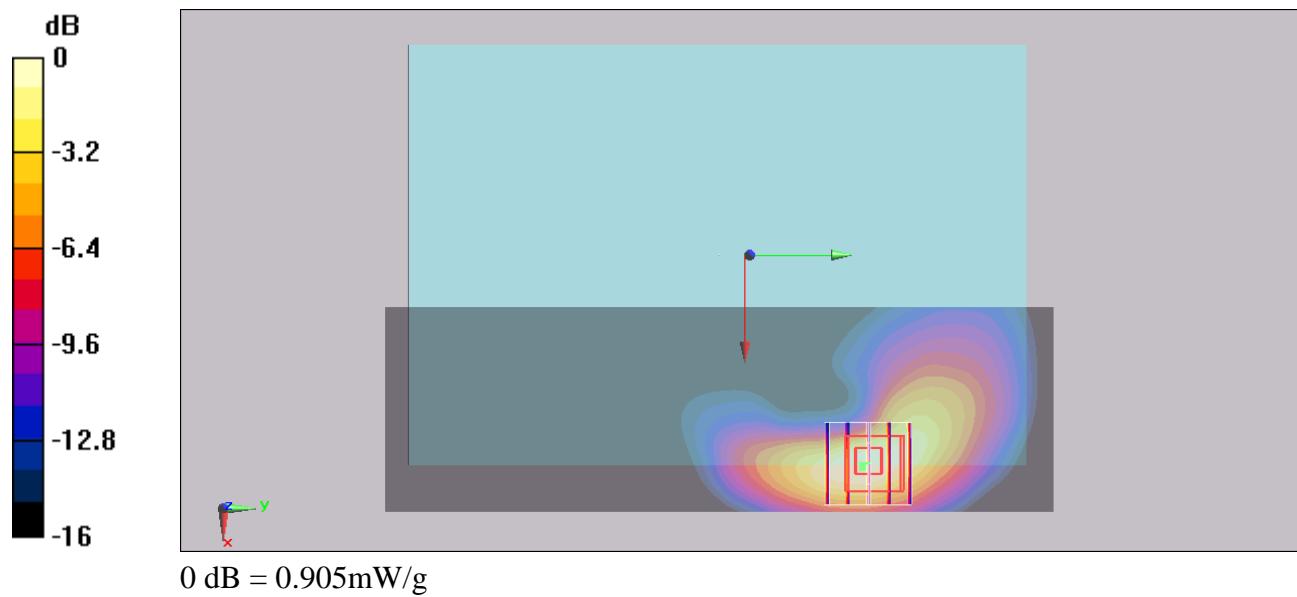
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.88 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 0.800 mW/g; SAR(10 g) = 0.422 mW/g**

Maximum value of SAR (measured) = 0.905 mW/g



**#06 WCDMA V\_RMC12.2K\_Bottom Face\_0cm\_Ch4182****DUT: 240709**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_120815 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.998 \text{ mho/m}$ ;  $\epsilon_r = 55.4$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch4182/Area Scan (101x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.718 mW/g

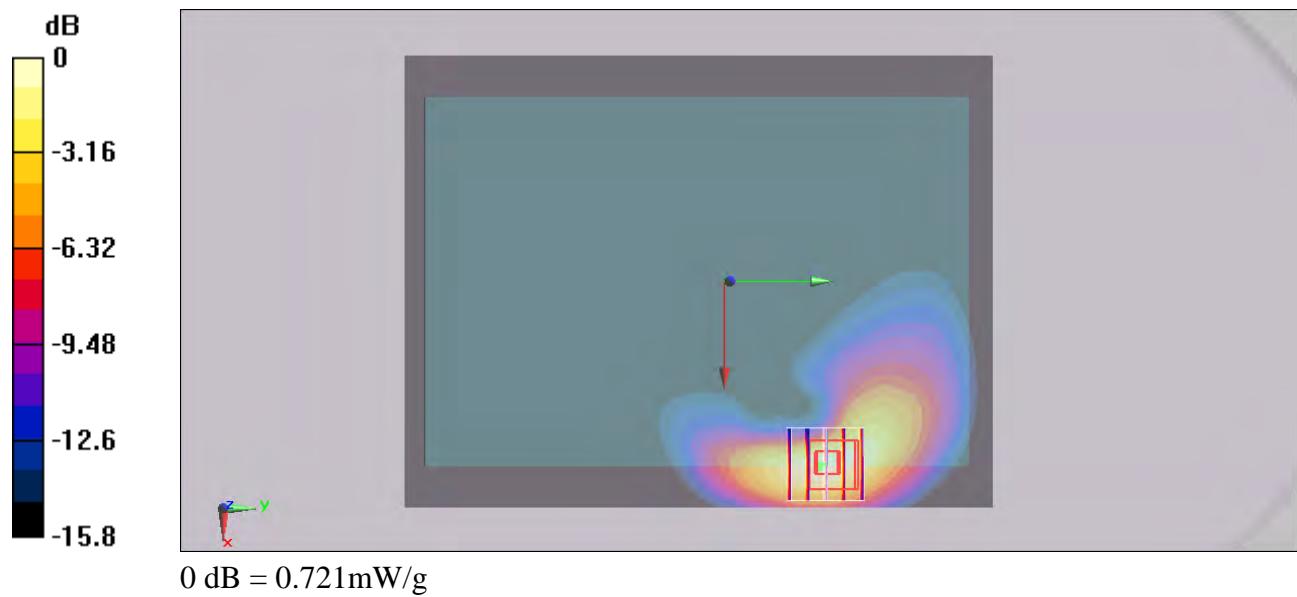
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.71 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.344 mW/g**

Maximum value of SAR (measured) = 0.721 mW/g



**#07 WCDMA V\_RMC12.2K\_Bottom Face\_0cm\_Ch4233****DUT: 240709**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_120815 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 1.01 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch4233/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.864 mW/g

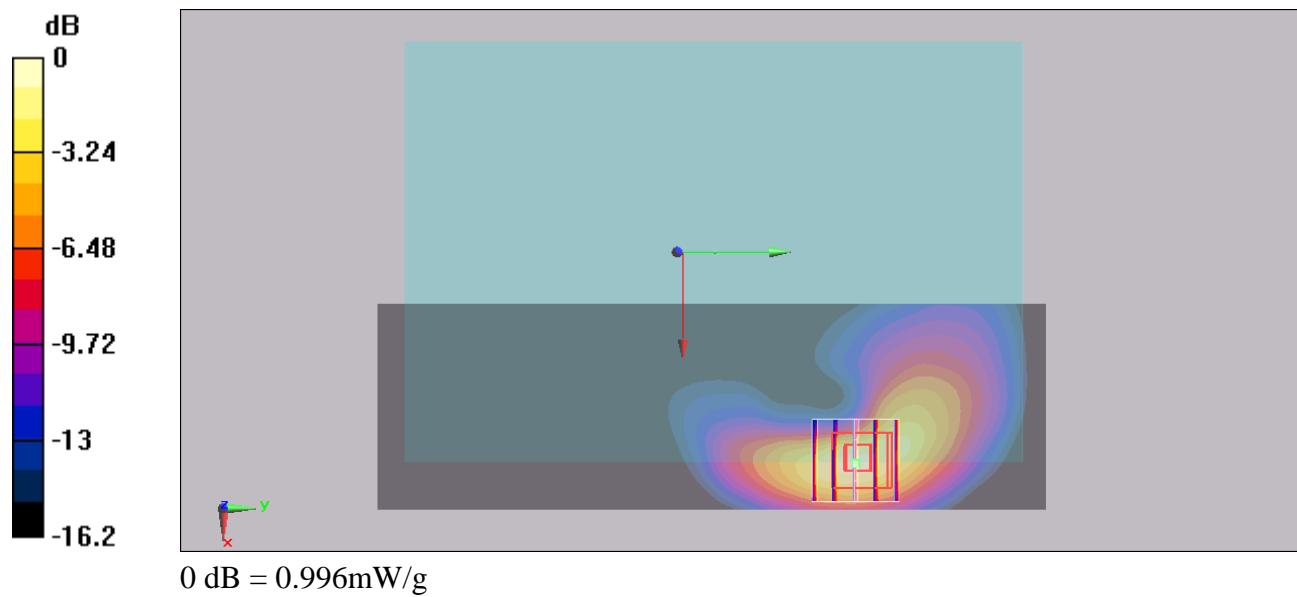
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.2 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.883 mW/g; SAR(10 g) = 0.459 mW/g**

Maximum value of SAR (measured) = 0.996 mW/g



## #07 WCDMA V\_RMC12.2K\_Bottom Face\_0cm\_Ch4233\_2D

**DUT: 240709**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_120815 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 1.01 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch4233/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.864 mW/g

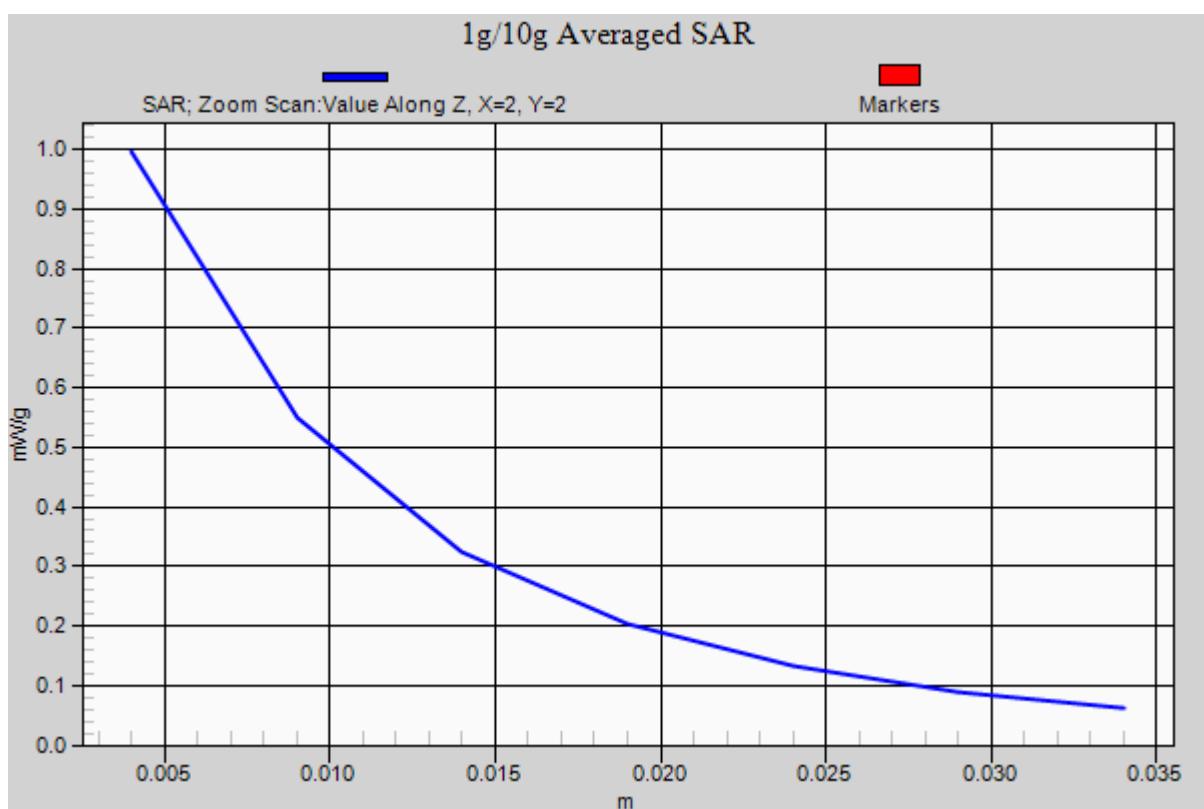
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.2 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.883 mW/g; SAR(10 g) = 0.459 mW/g**

Maximum value of SAR (measured) = 0.996 mW/g



**#08 WCDMA V\_RMC12.2K\_Edge 1\_0cm\_Ch4132****DUT: 240709**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_120815 Medium parameters used:  $f = 826.4 \text{ MHz}$ ;  $\sigma = 0.988 \text{ mho/m}$ ;  $\epsilon_r = 55.4$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch4132/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.723 mW/g

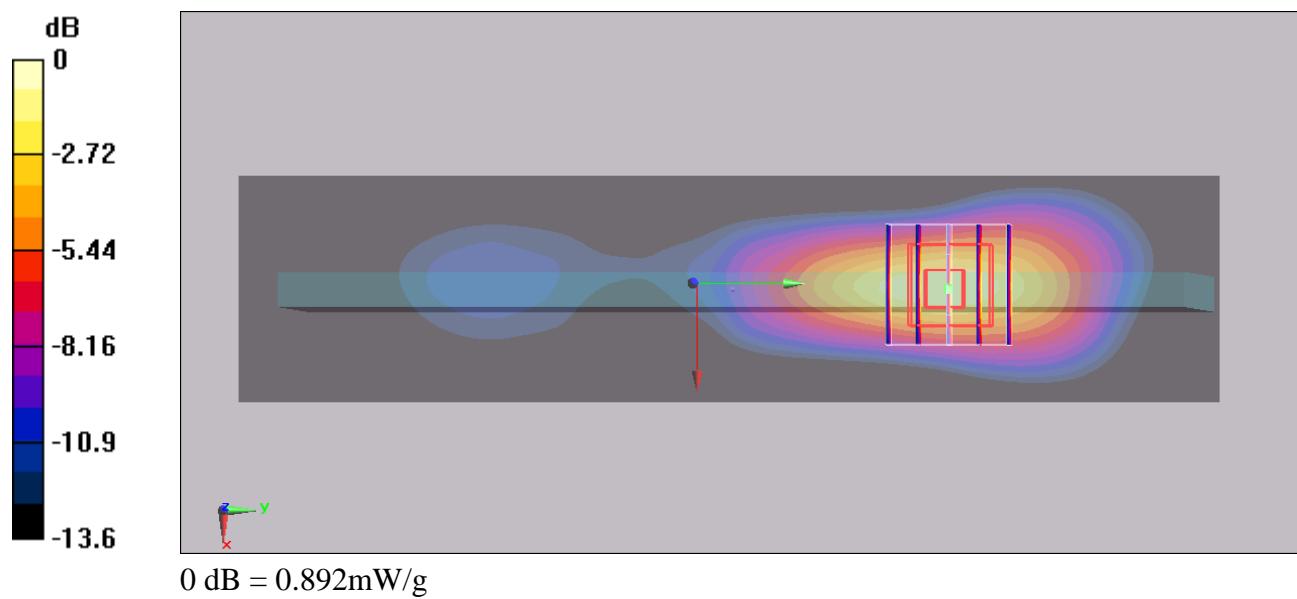
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 0.762 mW/g; SAR(10 g) = 0.396 mW/g**

Maximum value of SAR (measured) = 0.892 mW/g



**#09 WCDMA V\_RMC12.2K\_Edge 1\_0cm\_Ch4182****DUT: 240709**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_120815 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.998 \text{ mho/m}$ ;  $\epsilon_r = 55.4$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch4182/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.706 mW/g

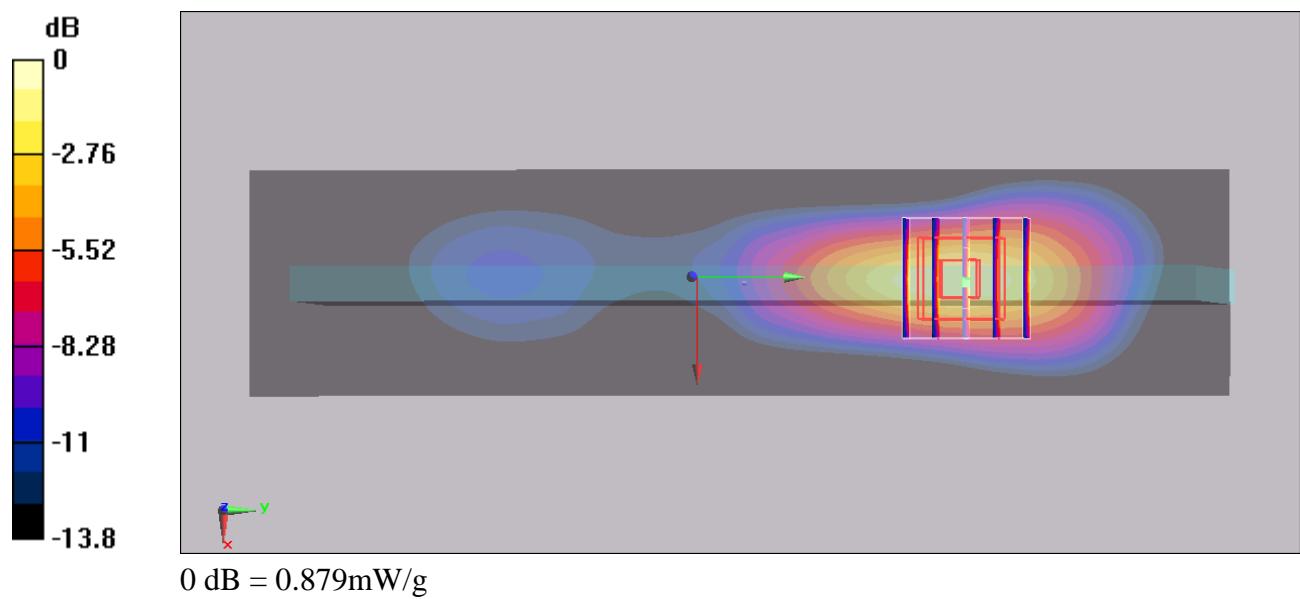
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.387 mW/g**

Maximum value of SAR (measured) = 0.879 mW/g



**#10 WCDMA V\_RMC12.2K\_Edge 1\_0cm\_Ch4233****DUT: 240709**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_120815 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 1.01 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch4233/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.747 mW/g

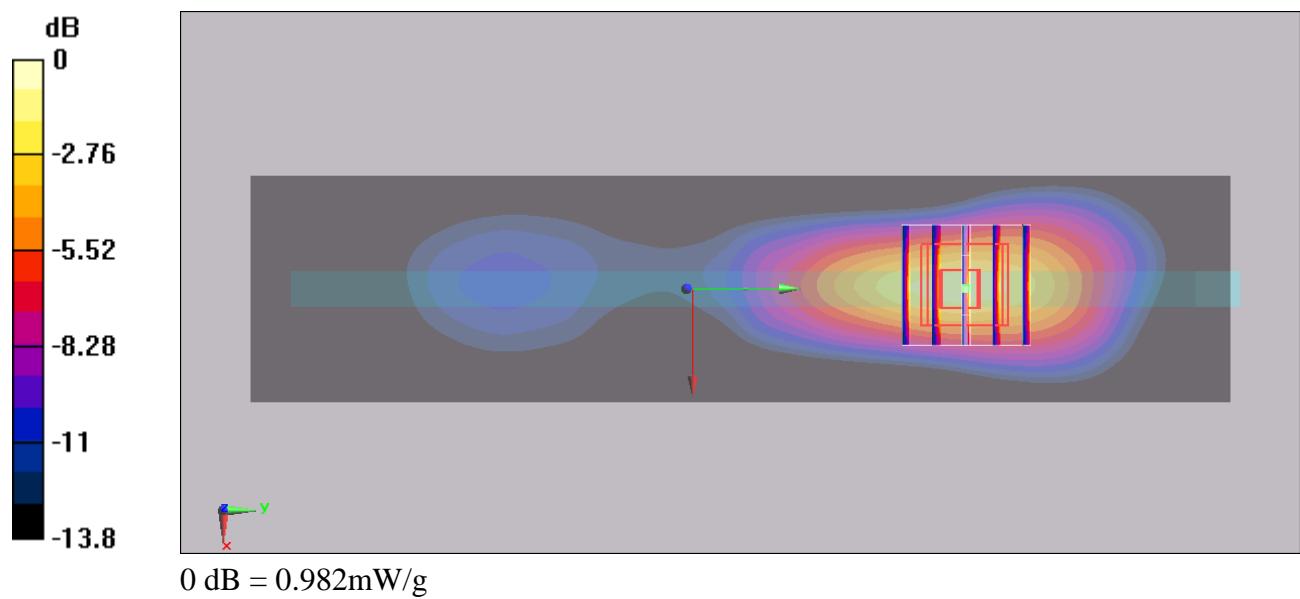
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 1.59 W/kg

**SAR(1 g) = 0.832 mW/g; SAR(10 g) = 0.431 mW/g**

Maximum value of SAR (measured) = 0.982 mW/g



**#103 WCDMA V\_RMC12.2K\_Curved surface of Edge 1\_Bottom Face tilted  
0cm\_Ch4132****DUT: 240709**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

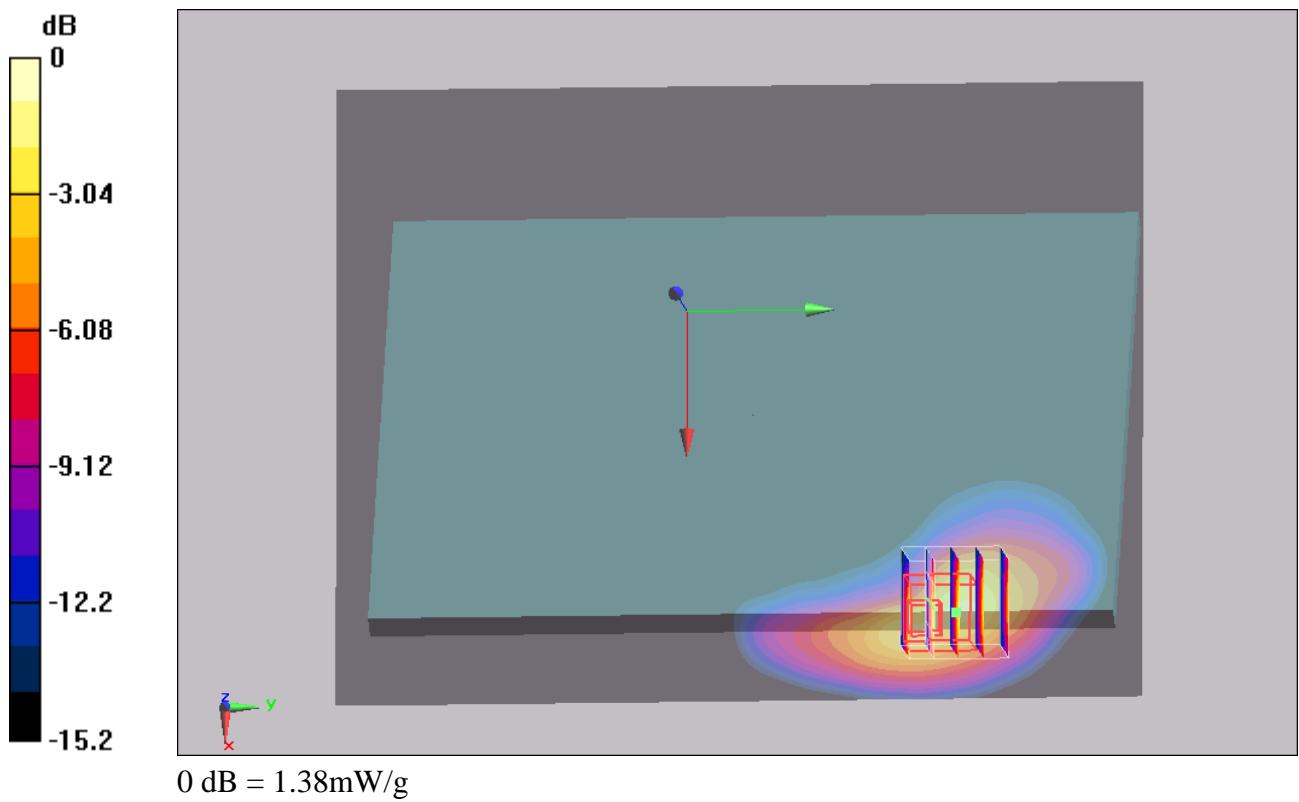
Medium: MSL\_850 Medium parameters used:  $f = 826.4 \text{ MHz}$ ;  $\sigma = 0.988 \text{ mho/m}$ ;  $\epsilon_r = 55.4$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch4132/Area Scan (101x131x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.936 mW/g**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.09 V/m; Power Drift = 0.158 dB  
Peak SAR (extrapolated) = 2.64 W/kg  
**SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.584 mW/g**  
Maximum value of SAR (measured) = 1.38 mW/g



**#104 WCDMA V\_RMC12.2K\_Curved surface of Edge 1\_Bottom Face tilted****0cm\_Ch4182****DUT: 240709**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.998 \text{ mho/m}$ ;  $\epsilon_r = 55.4$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch4182/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.837 mW/g

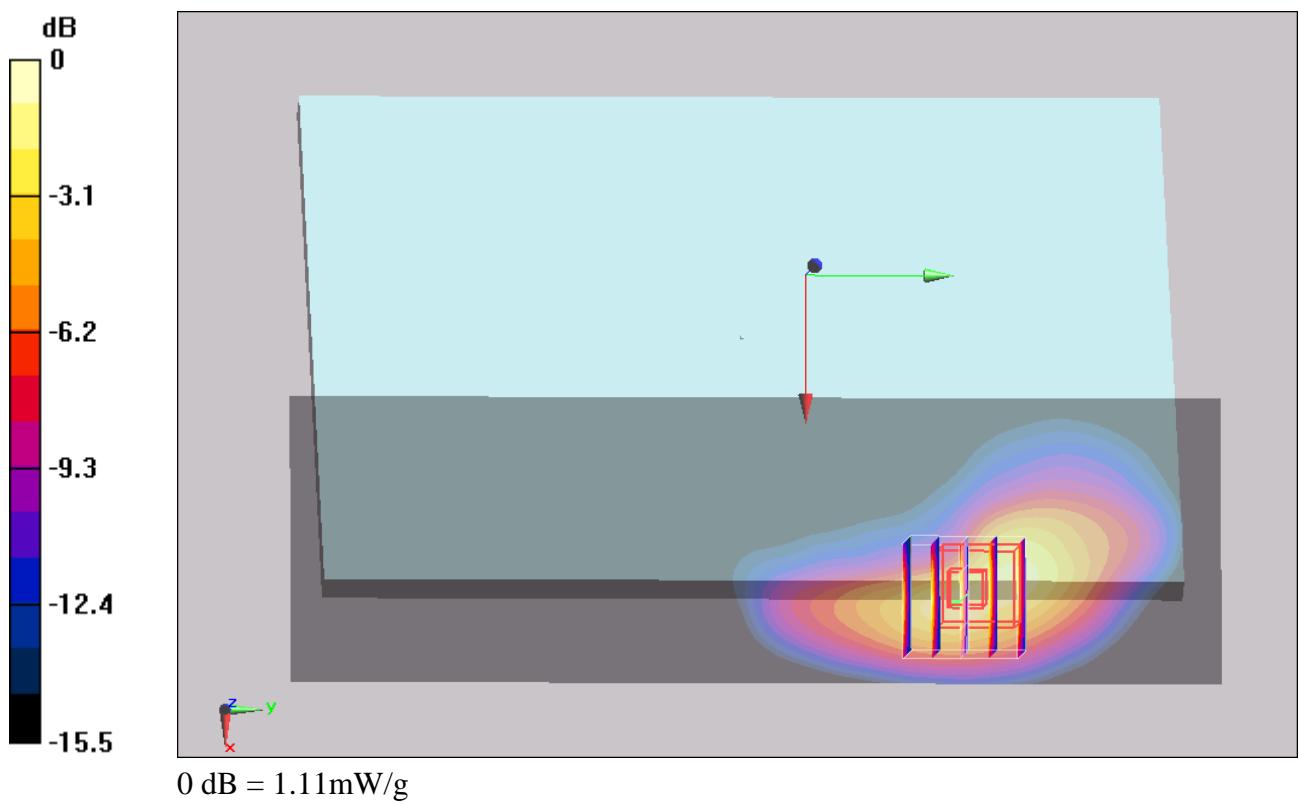
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.996 V/m; Power Drift = 0.108 dB

Peak SAR (extrapolated) = 2.41 W/kg

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.549 mW/g**

Maximum value of SAR (measured) = 1.11 mW/g



**#105 WCDMA V\_RMC12.2K\_Curved surface of Edge 1\_Bottom Face tilted****0cm\_Ch4233****DUT: 240709**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL\_850 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 1.01 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch4233/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.07 mW/g

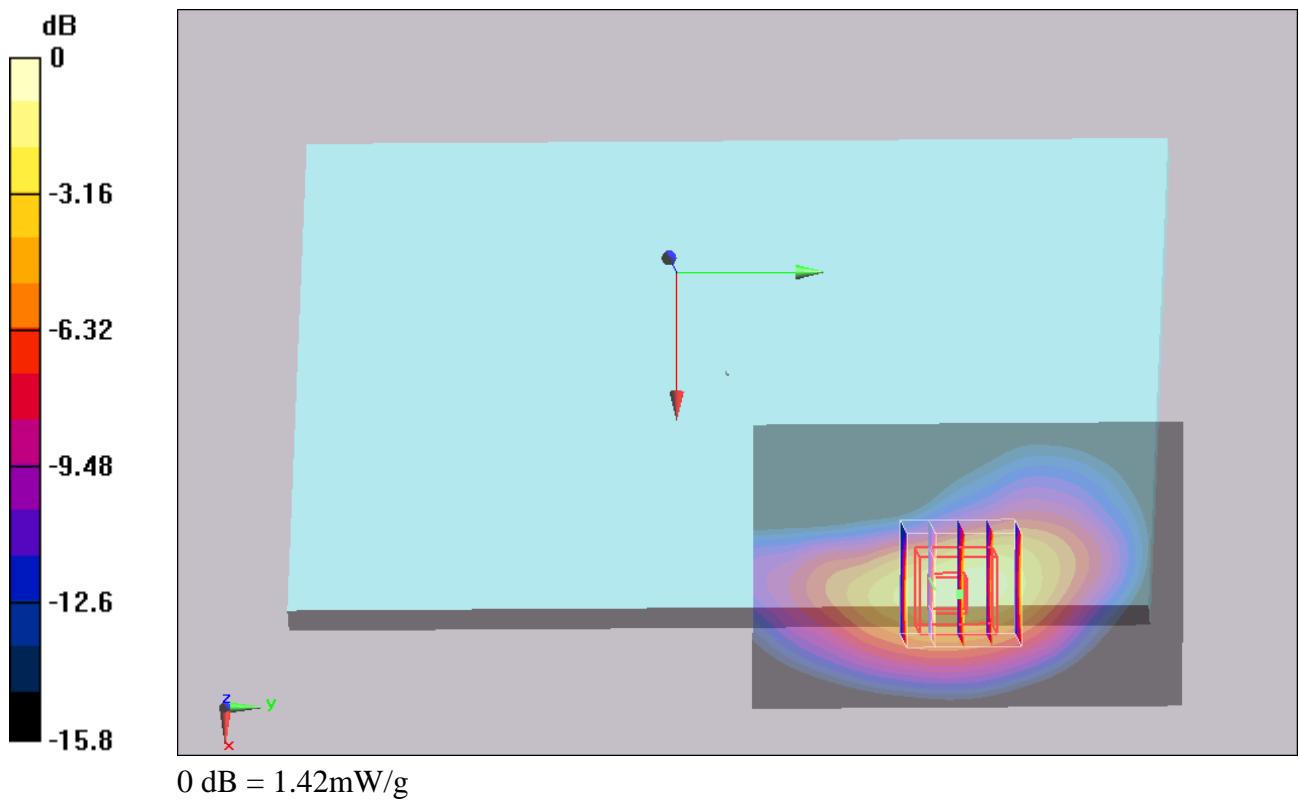
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.11 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 2.51 W/kg

**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.621 mW/g**

Maximum value of SAR (measured) = 1.42 mW/g



## #105 WCDMA V\_RMC12.2K\_Curved surface of Edge 1\_Bottom Face tilted

## 0cm\_Ch4233\_2D

**DUT: 240709**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL\_850 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 1.01 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch4233/Area Scan (41x61x1):** Measurement grid: dx=20mm, dy=20mm  
 Maximum value of SAR (interpolated) = 1.07 mW/g

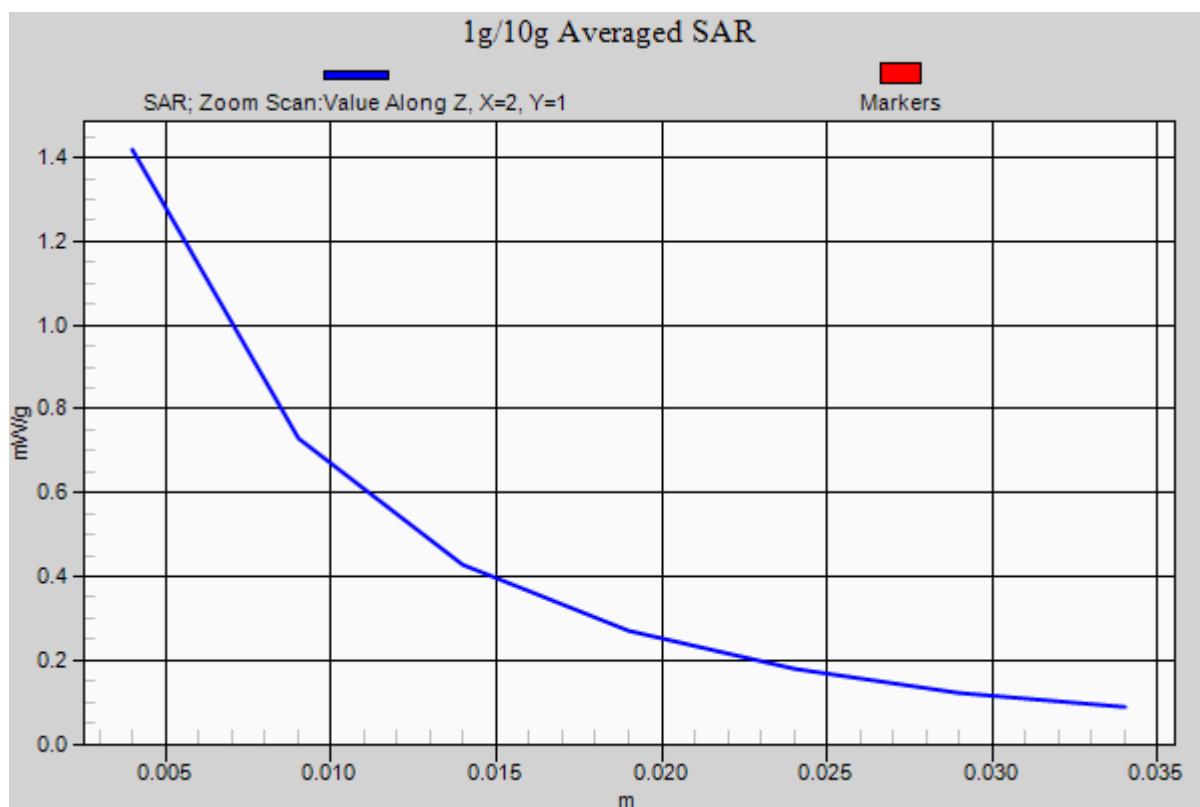
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.11 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 2.51 W/kg

**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.621 mW/g**

Maximum value of SAR (measured) = 1.42 mW/g



## #58 WCDMA II\_RMC12.2K\_Bottom Face\_1.1cm\_Ch9262

**DUT: 240709**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120725 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.478$  mho/m;  $\epsilon_r = 53.849$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9262/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.533 mW/g

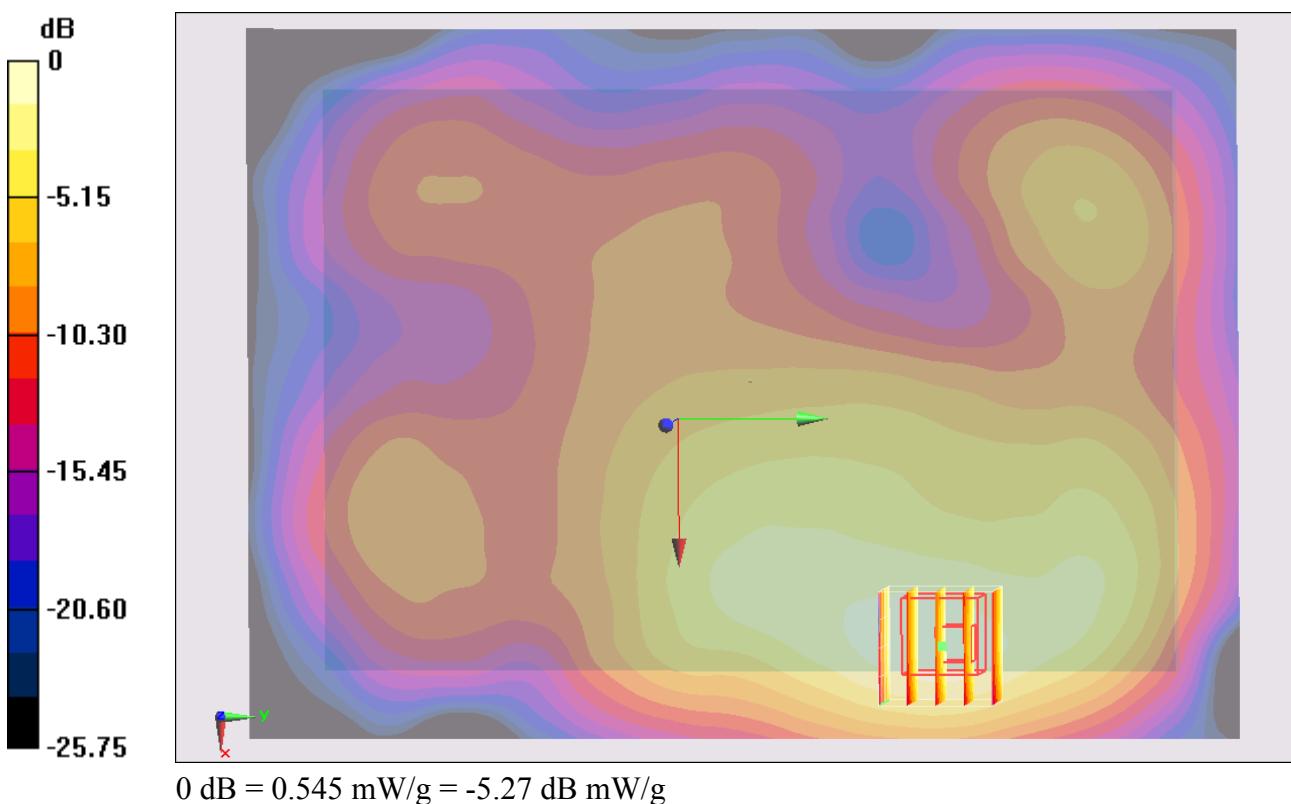
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.296 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.747 mW/g

**SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.314 mW/g**

Maximum value of SAR (measured) = 0.545 mW/g



**#58 WCDMA II\_RMC12.2K\_Bottom Face\_1.1cm\_Ch9262\_2D****DUT: 240709**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120725 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.478$  mho/m;  $\epsilon_r = 53.849$ ; $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9262/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.533 mW/g

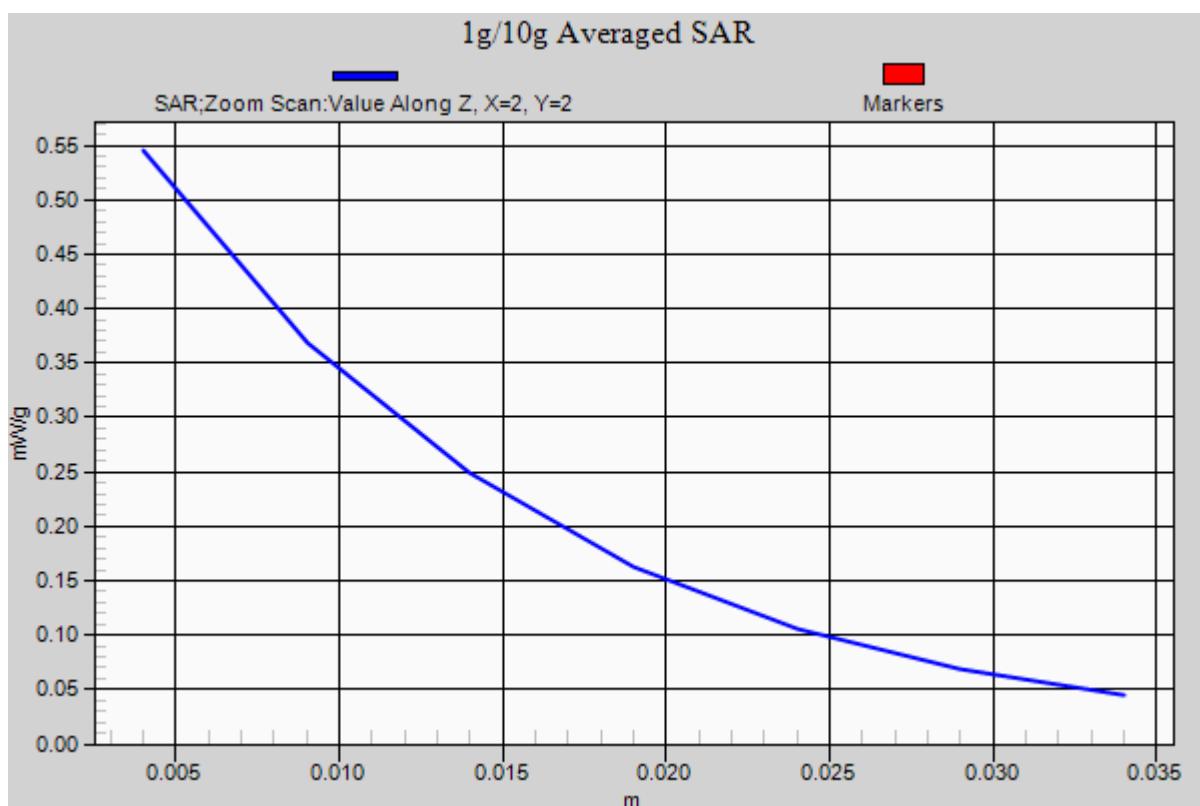
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.296 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.747 mW/g

**SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.314 mW/g**

Maximum value of SAR (measured) = 0.545 mW/g



**#59 WCDMA II\_RMC12.2K\_Edge 1\_0.9cm\_Ch9262****DUT: 240709**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120725 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.478$  mho/m;  $\epsilon_r = 53.849$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9262/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.493 mW/g

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.613 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.737 mW/g

**SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.285 mW/g**

Maximum value of SAR (measured) = 0.516 mW/g

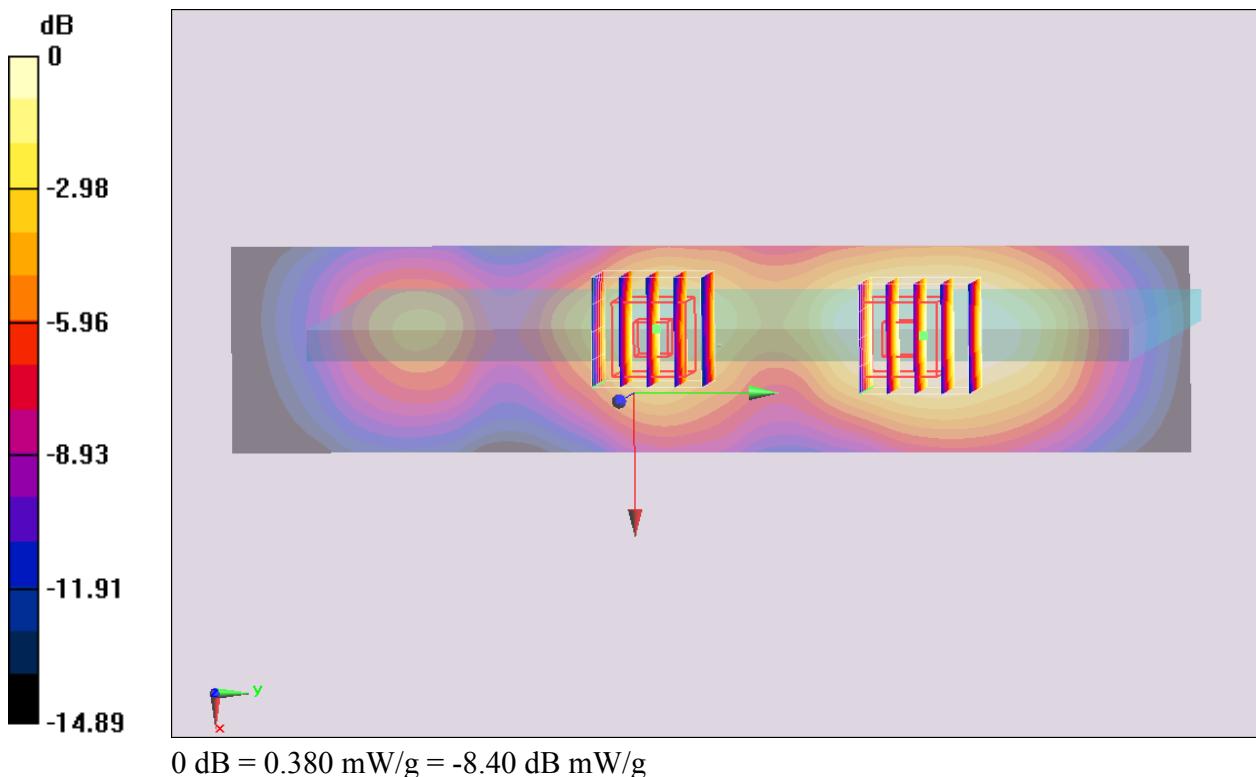
**Ch9262/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.613 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.507 mW/g

**SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.218 mW/g**

Maximum value of SAR (measured) = 0.380 mW/g



## #60 WCDMA II\_RMC12.2K\_Edge 2\_0cm\_Ch9262

**DUT: 240709**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120725 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.478$  mho/m;  $\epsilon_r = 53.849$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9262/Area Scan (31x101x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.385 mW/g

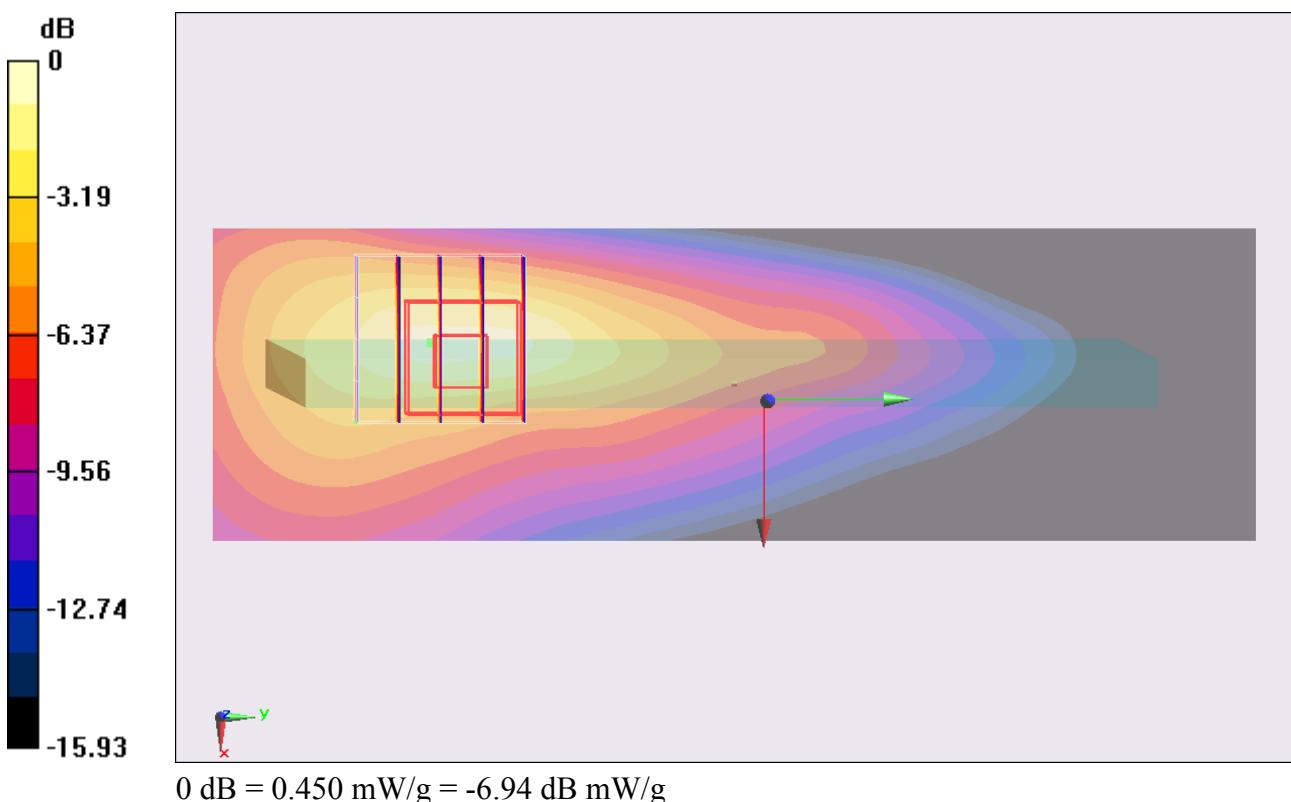
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.722 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.707 mW/g

**SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.237 mW/g**

Maximum value of SAR (measured) = 0.450 mW/g



## #93 WCDMA II\_RMC12.2K\_Bottom Face\_0cm\_Ch9262

**DUT: 240709**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120725 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.478$  mho/m;  $\epsilon_r = 53.849$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9262/Area Scan (101x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.02 mW/g

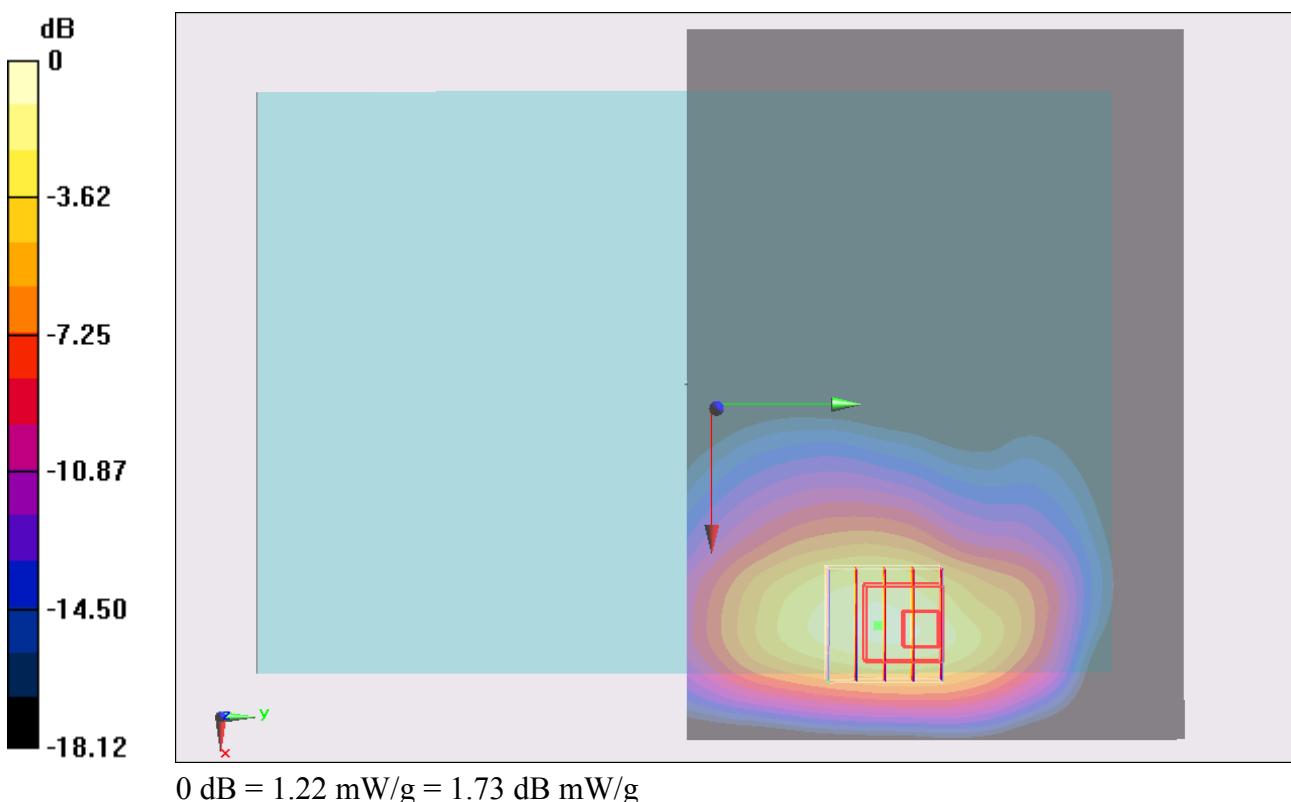
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.269 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 1.852 mW/g

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.643 mW/g**

Maximum value of SAR (measured) = 1.22 mW/g



**#93 WCDMA II\_RMC12.2K\_Bottom Face\_0cm\_Ch9262\_2D****DUT: 240709**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120725 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.478$  mho/m;  $\epsilon_r = 53.849$ ; $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9262/Area Scan (101x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.02 mW/g

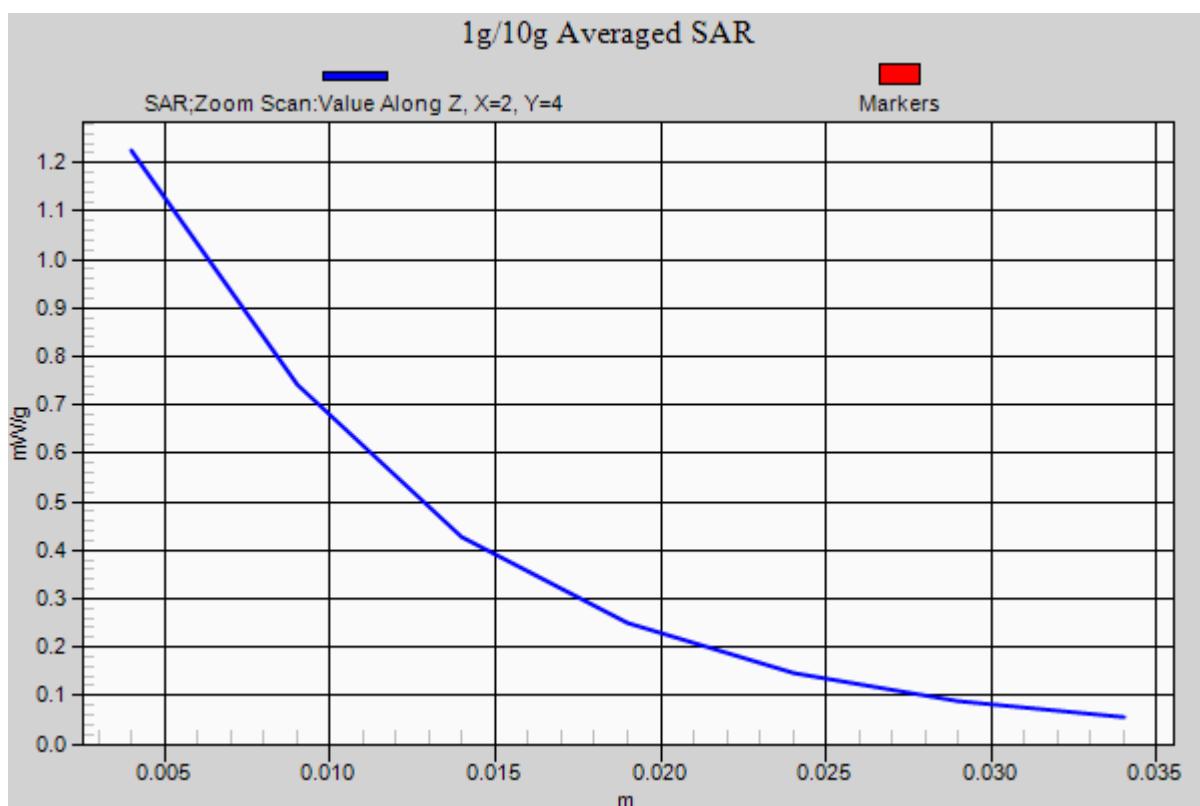
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.269 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 1.852 mW/g

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.643 mW/g**

Maximum value of SAR (measured) = 1.22 mW/g



## #94 WCDMA II\_RMC12.2K\_Bottom Face\_0cm\_Ch9400

**DUT: 240709**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120725 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.744$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9400/Area Scan (101x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.960 mW/g

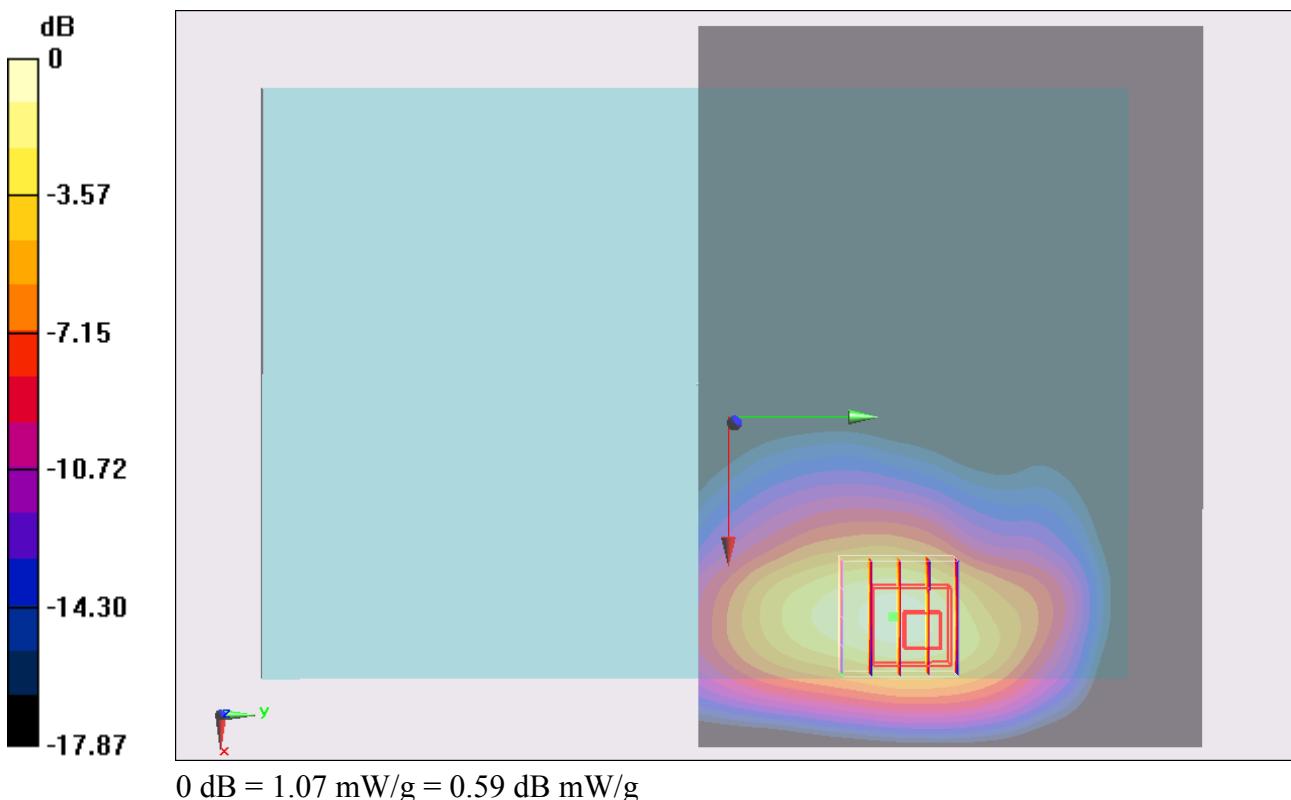
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.011 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.813 mW/g

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.591 mW/g**

Maximum value of SAR (measured) = 1.07 mW/g



## #95 WCDMA II\_RMC12.2K\_Bottom Face\_0cm\_Ch9538

**DUT: 240709**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120725 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.523 \text{ mho/m}$ ;  $\epsilon_r = 53.589$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9538/Area Scan (101x141x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.745 mW/g

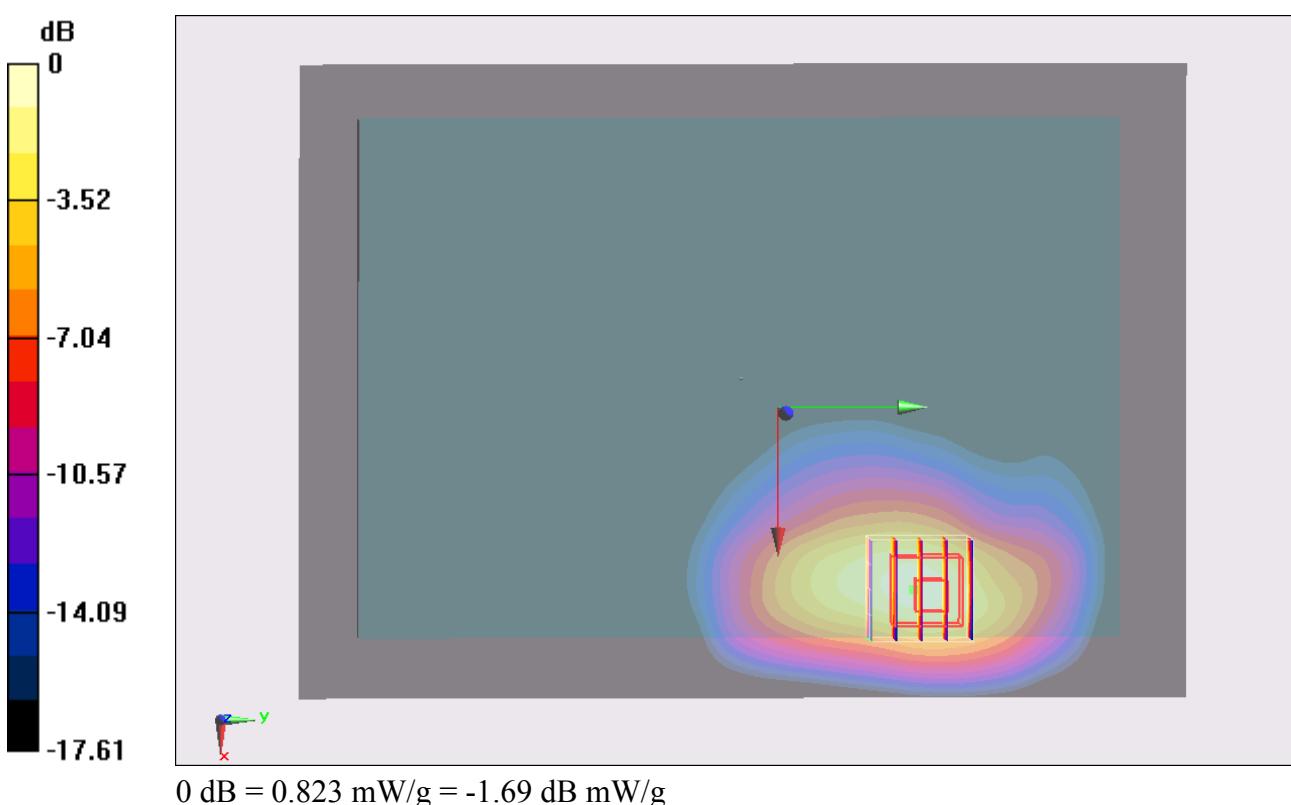
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 1.790 V/m; Power Drift = 0.172 dB

Peak SAR (extrapolated) = 1.295 mW/g

**SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.448 mW/g**

Maximum value of SAR (measured) = 0.823 mW/g



**#96 WCDMA II\_RMC12.2K\_Edge 1\_0cm\_Ch9262****DUT: 240709**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120725 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.478$  mho/m;  $\epsilon_r = 53.849$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch9262/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.452 mW/g

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.538 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.749 mW/g

**SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.249 mW/g**

Maximum value of SAR (measured) = 0.505 mW/g

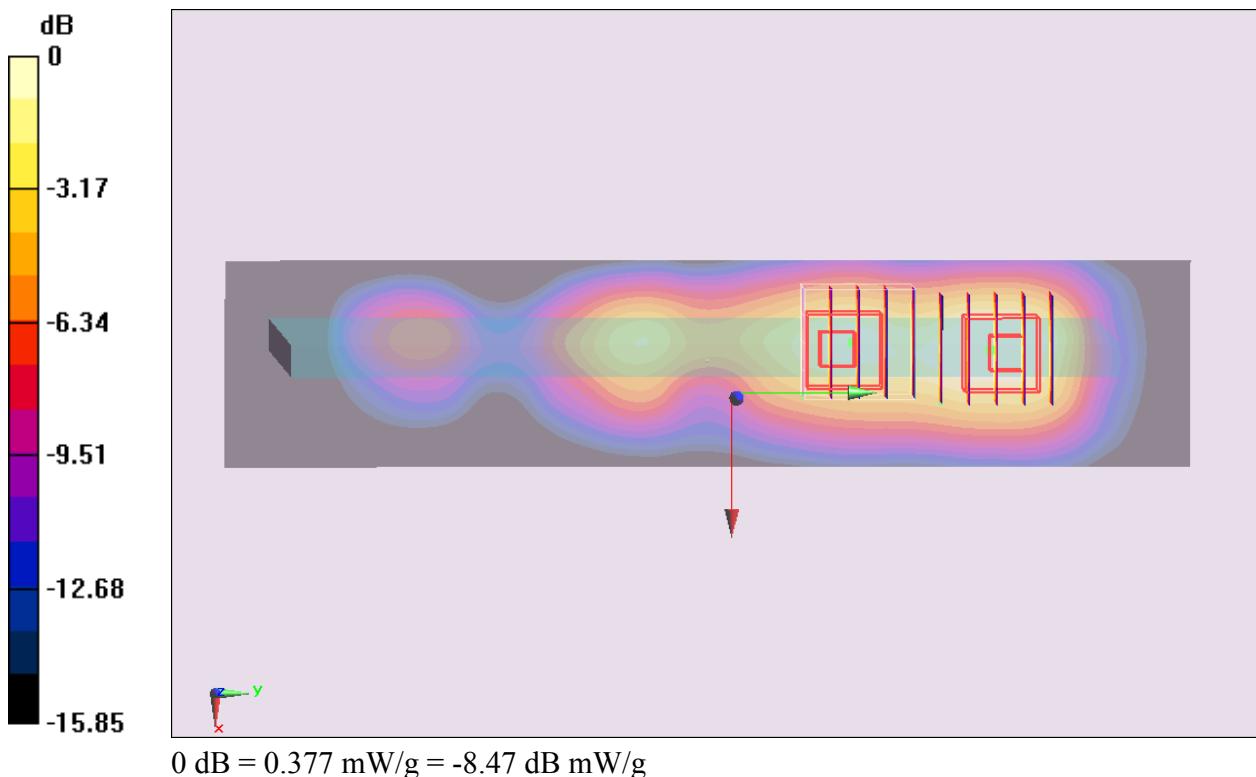
**Ch9262/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.538 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.683 mW/g

**SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.191 mW/g**

Maximum value of SAR (measured) = 0.377 mW/g



**#122 WCDMA II\_RMC12.2K\_Curved surface of Edge 1\_Bottom Face tilted****0cm\_Ch9262****DUT: 240709**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120816 Medium parameters used:  $f = 1852.4 \text{ MHz}$ ;  $\sigma = 1.5 \text{ mho/m}$ ;  $\epsilon_r = 52.2$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch9262/Area Scan (91x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.05 mW/g

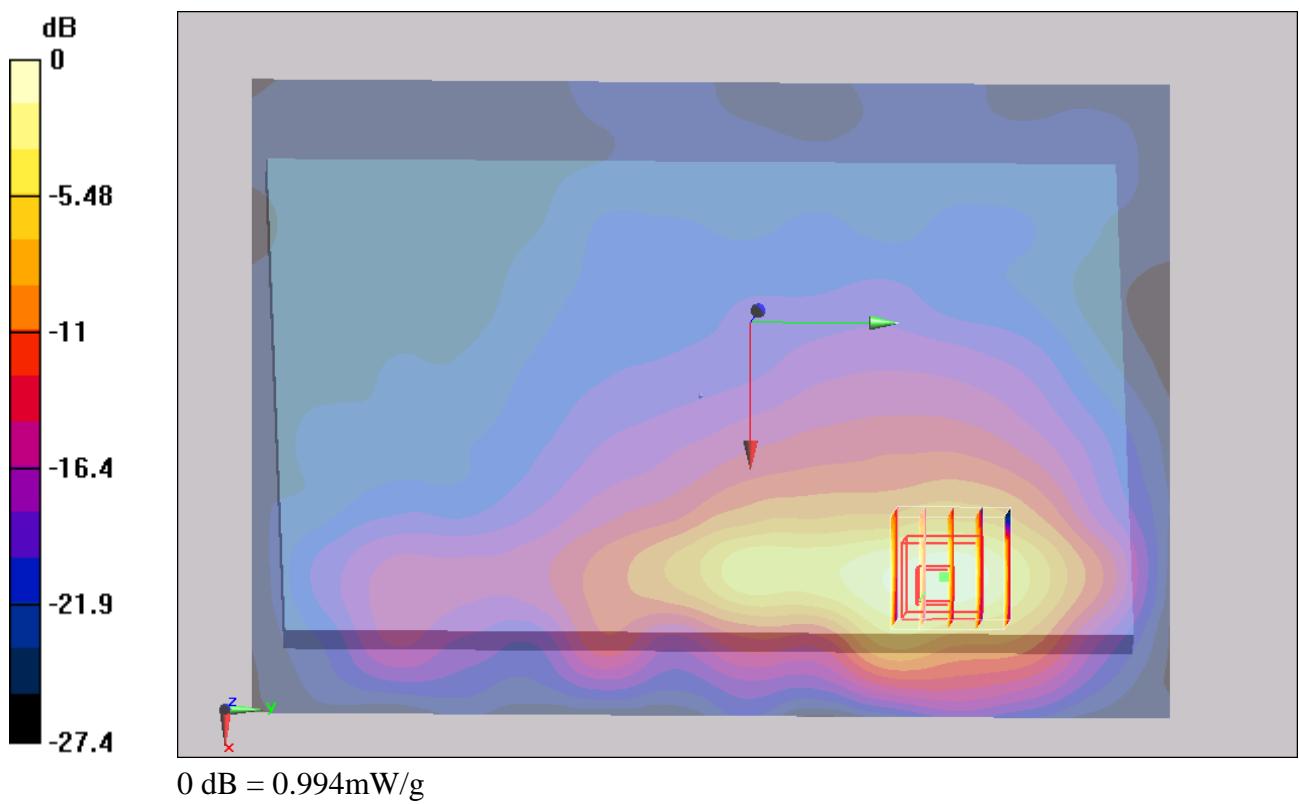
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.19 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.85 W/kg

**SAR(1 g) = 0.968 mW/g; SAR(10 g) = 0.504 mW/g**

Maximum value of SAR (measured) = 0.994 mW/g



**#110 WCDMA II\_RMC12.2K\_Curved surface of Edge 1\_Bottom Face tilted****0cm\_Ch9400****DUT: 240709**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120816 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 52$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch9400/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.27 mW/g

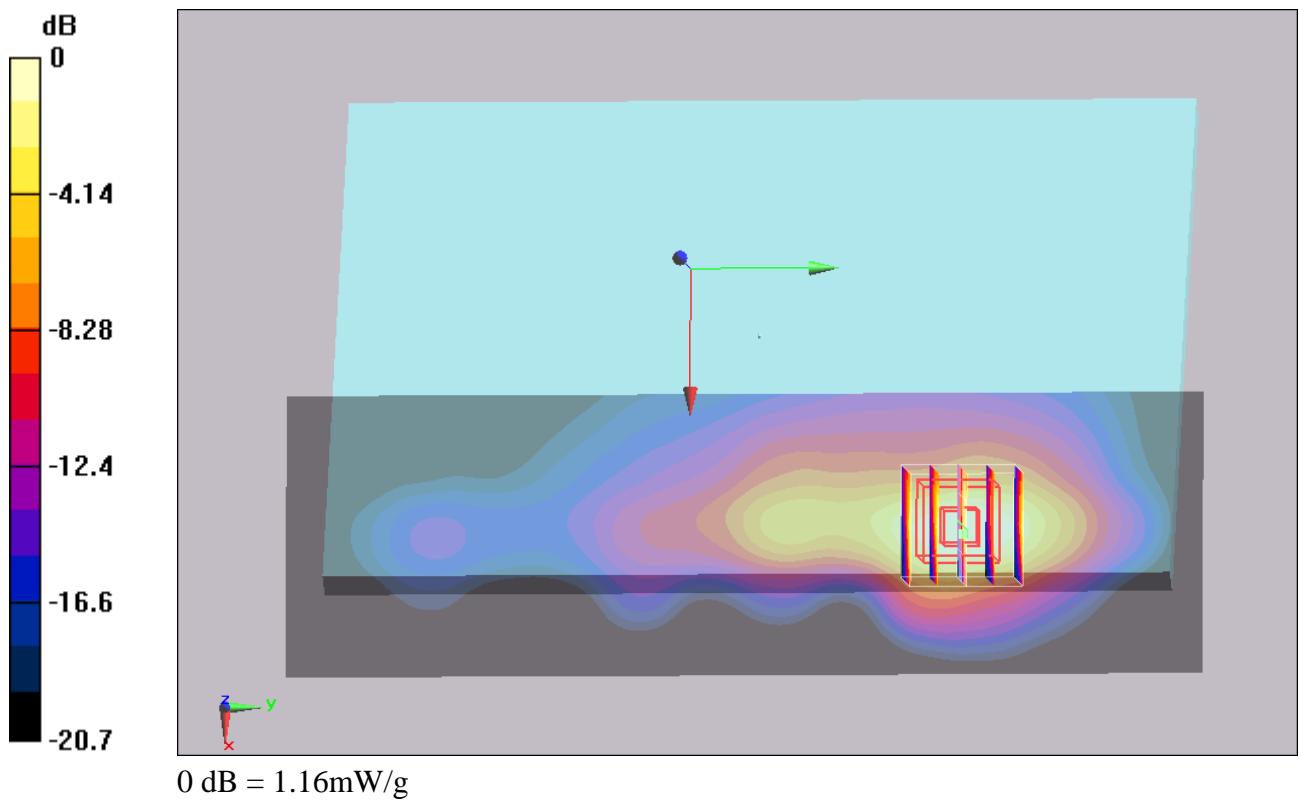
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.36 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.979 mW/g; SAR(10 g) = 0.494 mW/g**

Maximum value of SAR (measured) = 1.16 mW/g



**#110 WCDMA II\_RMC12.2K\_Curved surface of Edge 1\_Bottom Face tilted****0cm\_Ch9400\_2D****DUT: 240709**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120816 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch9400/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm  
 Maximum value of SAR (interpolated) = 1.27 mW/g

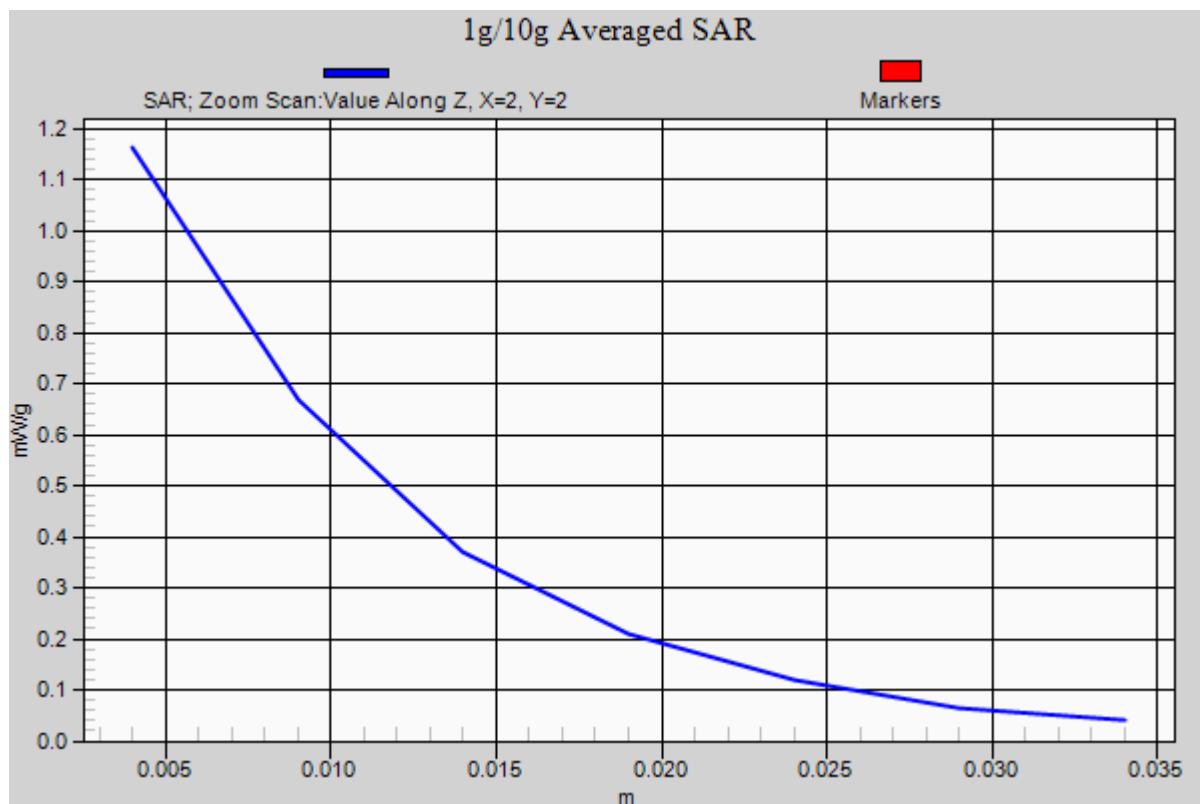
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.36 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.979 mW/g; SAR(10 g) = 0.494 mW/g**

Maximum value of SAR (measured) = 1.16 mW/g



**#111 WCDMA II\_RMC12.2K\_Curved surface of Edge 1\_Bottom Face tilted****0cm\_Ch9538****DUT: 240709**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120816 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.56 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch9538/Area Scan (51x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.829 mW/g

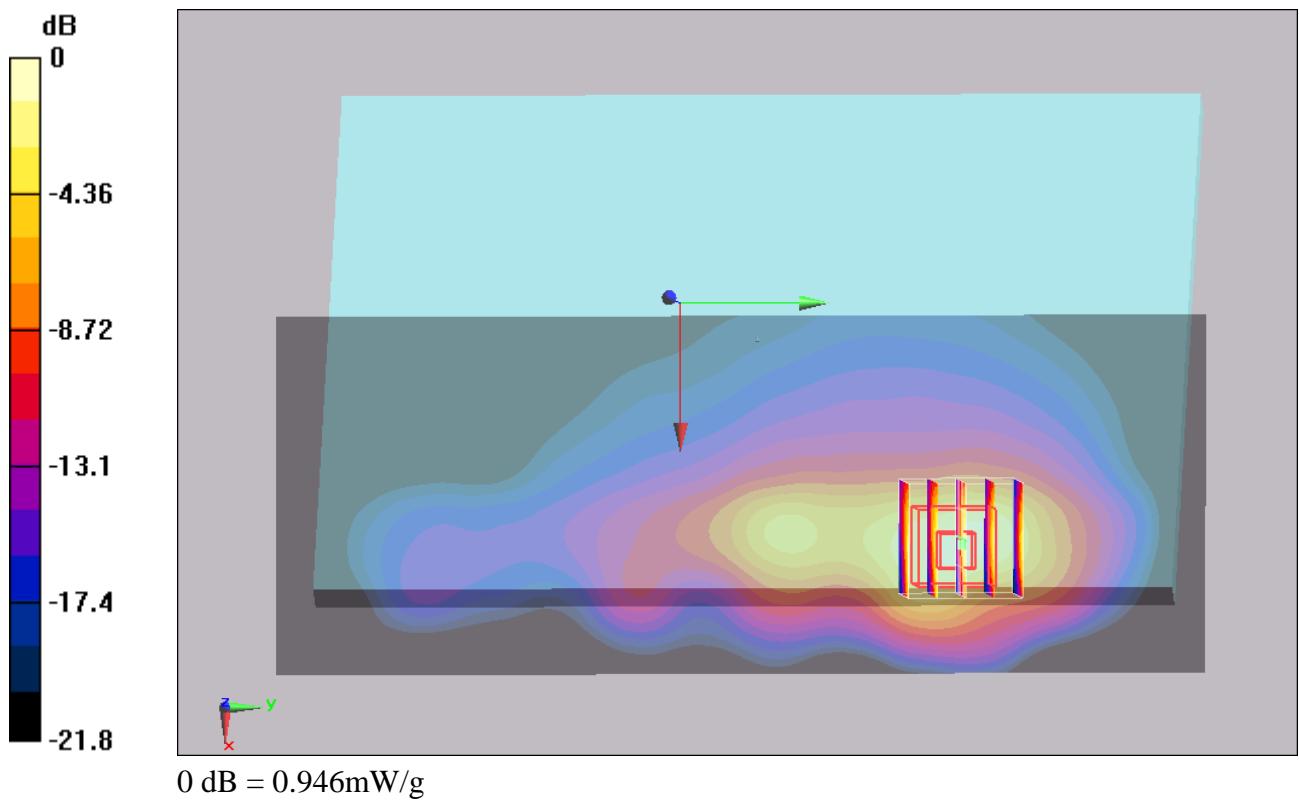
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.67 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 1.61 W/kg

**SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.435 mW/g**

Maximum value of SAR (measured) = 0.946 mW/g



## #37 LTE Band 17\_QPSK(25-13)\_10M\_Bottom Face\_1.1cm\_Ch23790

**DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.934$  mho/m;  $\epsilon_r = 54.847$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.512 mW/g

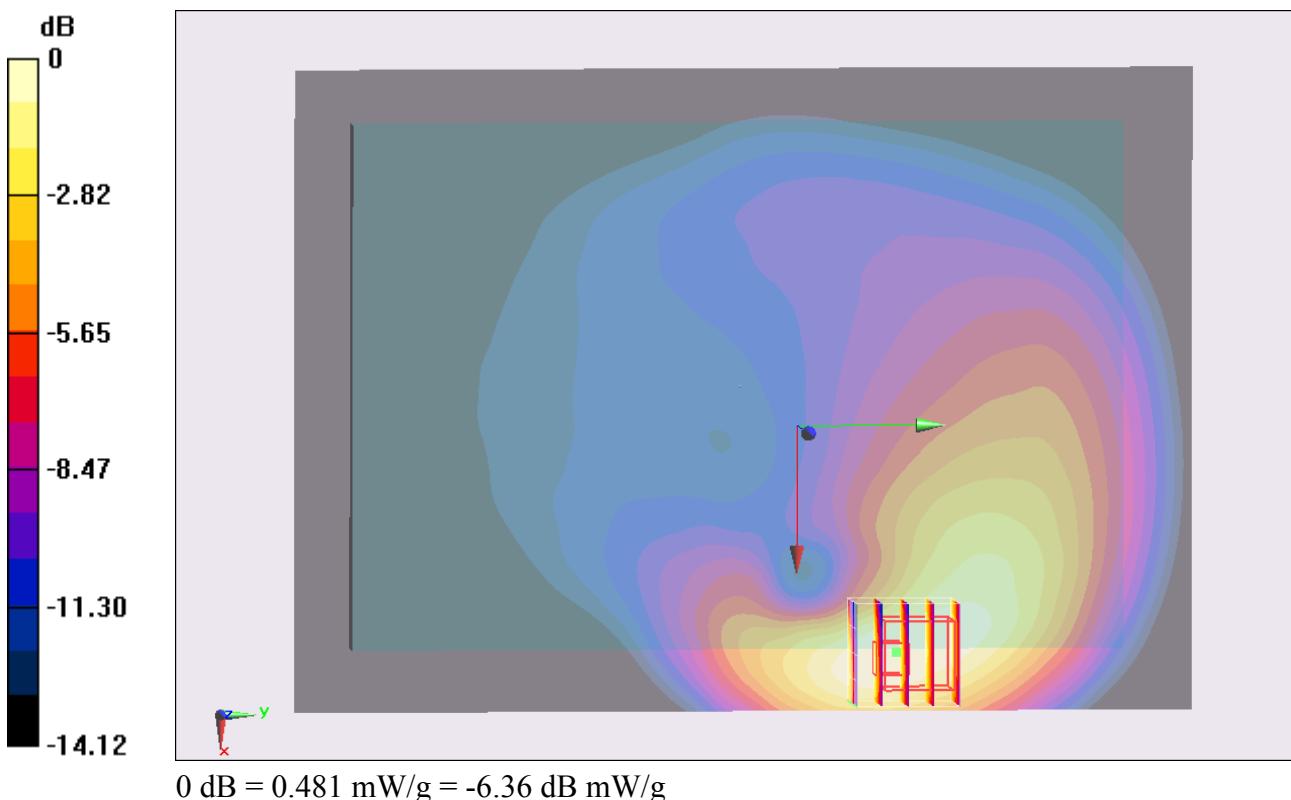
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.223 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.689 mW/g

**SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.294 mW/g**

Maximum value of SAR (measured) = 0.481 mW/g



**#38 LTE Band 17\_QPSK(1-0)\_10M\_Bottom Face\_1.1cm\_Ch23790****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.934 \text{ mho/m}$ ;  $\epsilon_r = 54.847$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (101x71x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ 

Maximum value of SAR (interpolated) = 0.548 mW/g

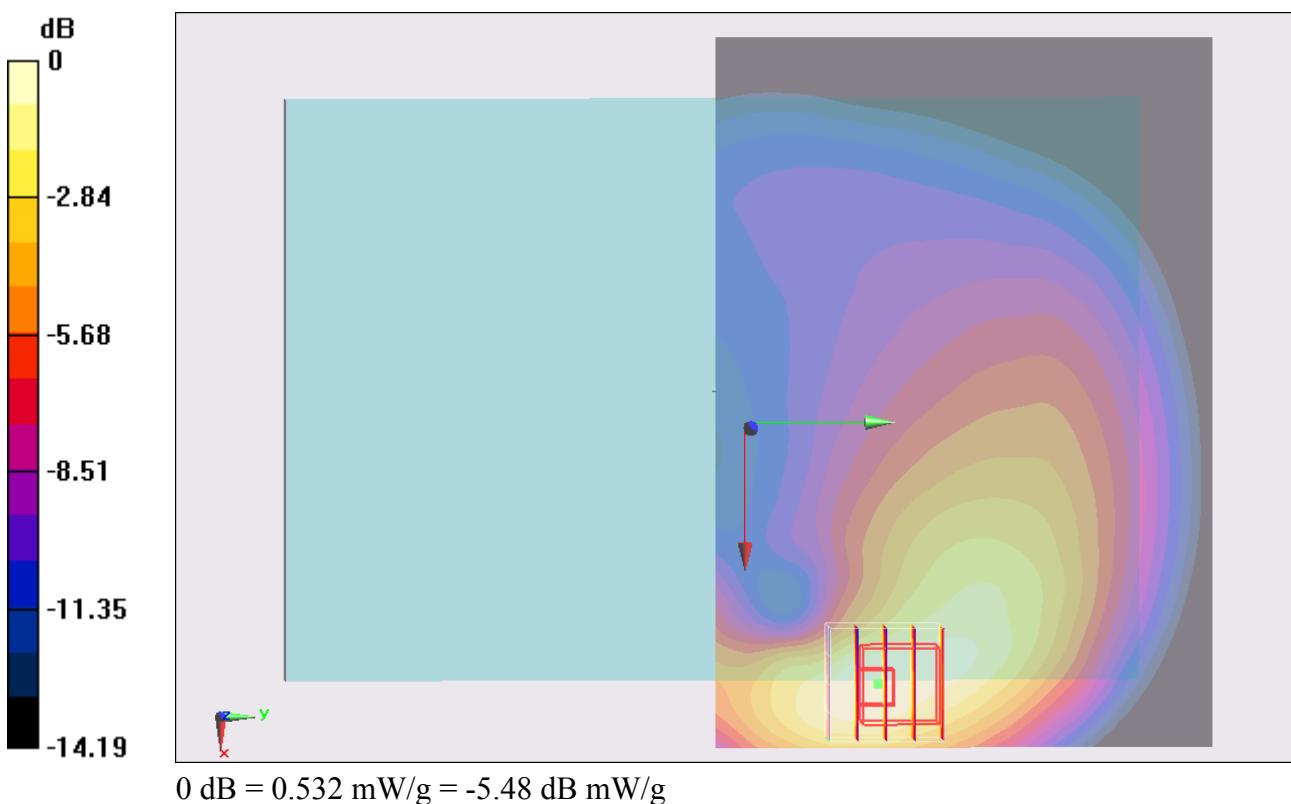
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 6.357 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.761 mW/g

**SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.320 mW/g**

Maximum value of SAR (measured) = 0.532 mW/g



**#39 LTE Band 17\_QPSK(1-49)\_10M\_Bottom Face\_1.1cm\_Ch23790****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.934 \text{ mho/m}$ ;  $\epsilon_r = 54.847$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (101x71x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ 

Maximum value of SAR (interpolated) = 0.560 mW/g

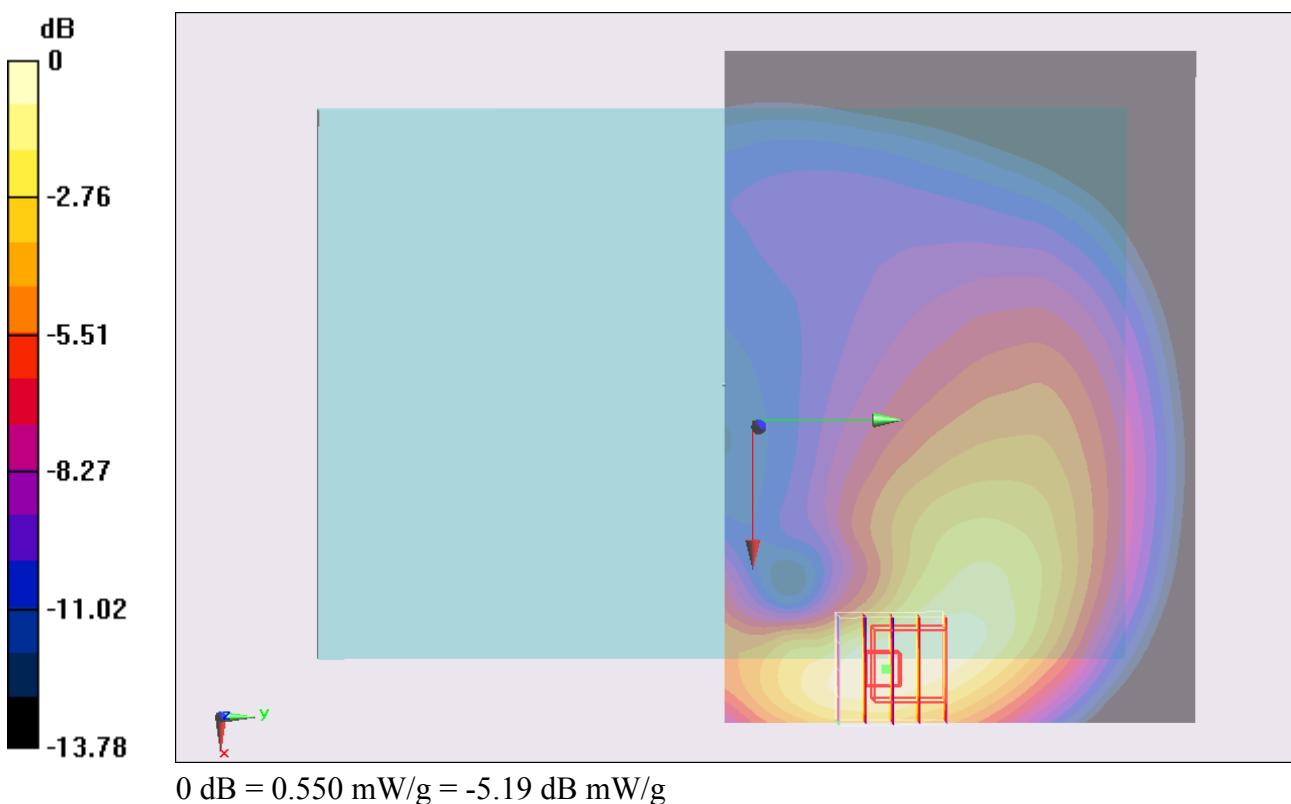
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 6.745 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.764 mW/g

**SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.338 mW/g**

Maximum value of SAR (measured) = 0.550 mW/g



## #46 LTE Band 17\_16QAM(25-13)\_10M\_Bottom Face\_1.1cm\_Ch23790

**DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.934$  mho/m;  $\epsilon_r = 54.847$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (101x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.391 mW/g

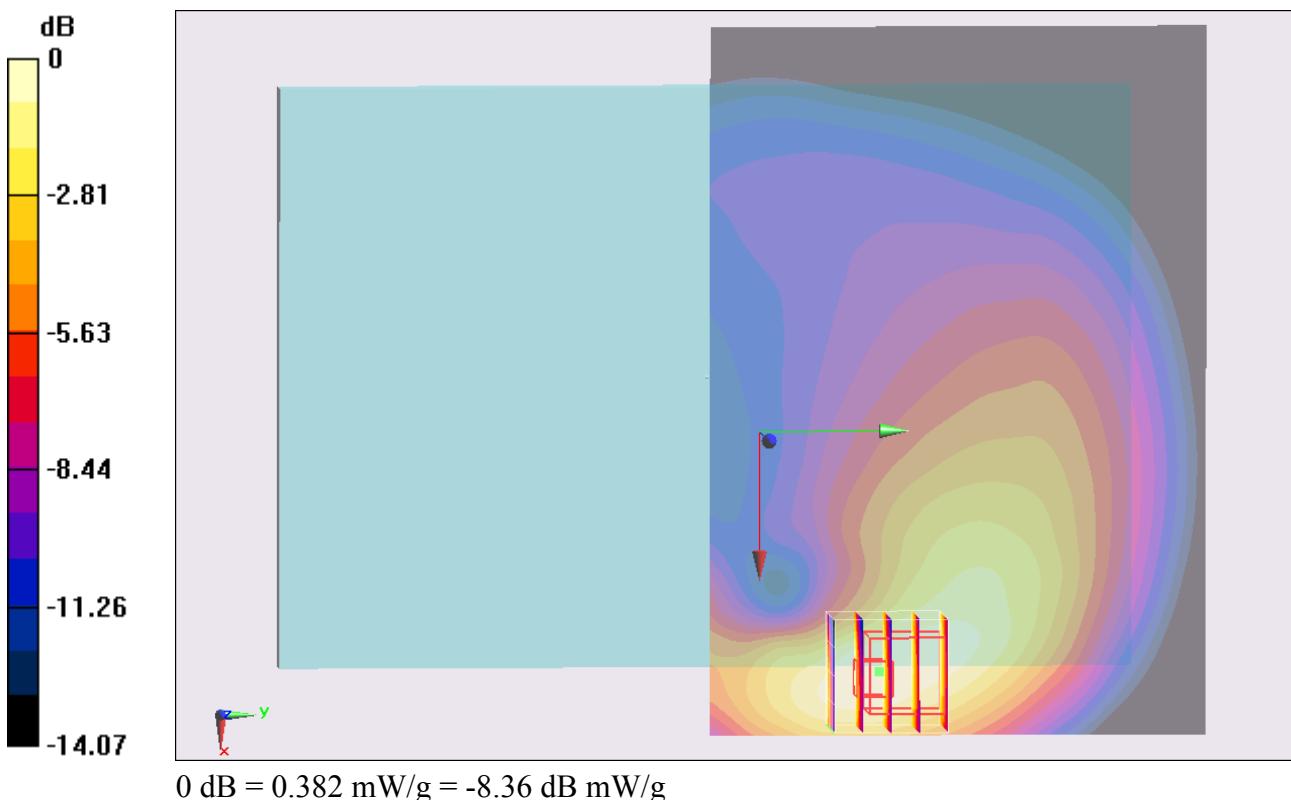
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.492 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.547 mW/g

**SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.233 mW/g**

Maximum value of SAR (measured) = 0.382 mW/g



## #47 LTE Band 17\_16QAM(1-0)\_10M\_Bottom Face\_1.1cm\_Ch23790

**DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.934$  mho/m;  $\epsilon_r = 54.847$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (101x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.424 mW/g

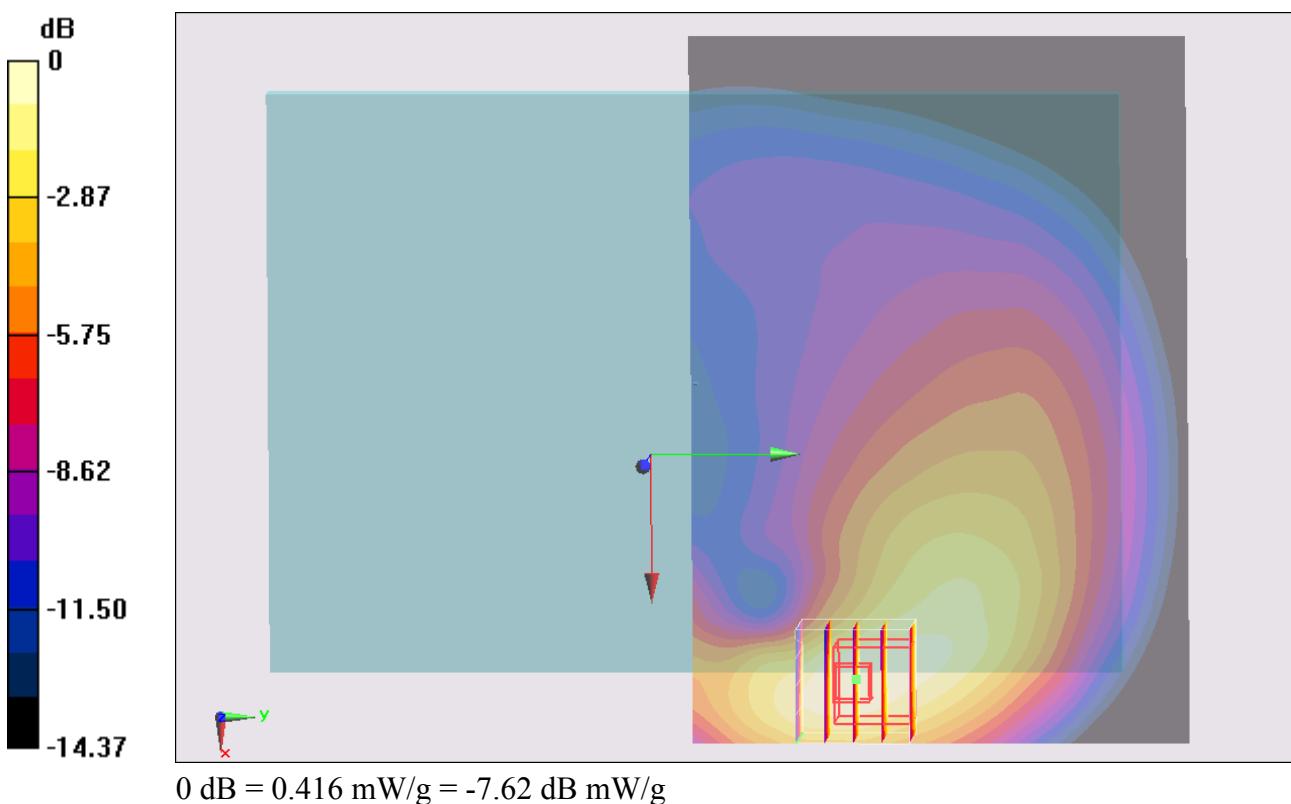
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.711 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.594 mW/g

**SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.251 mW/g**

Maximum value of SAR (measured) = 0.416 mW/g



## #48 LTE Band 17\_16QAM(1-49)\_10M\_Bottom Face\_1.1cm\_Ch23790

**DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.934$  mho/m;  $\epsilon_r = 54.847$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (101x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.441 mW/g

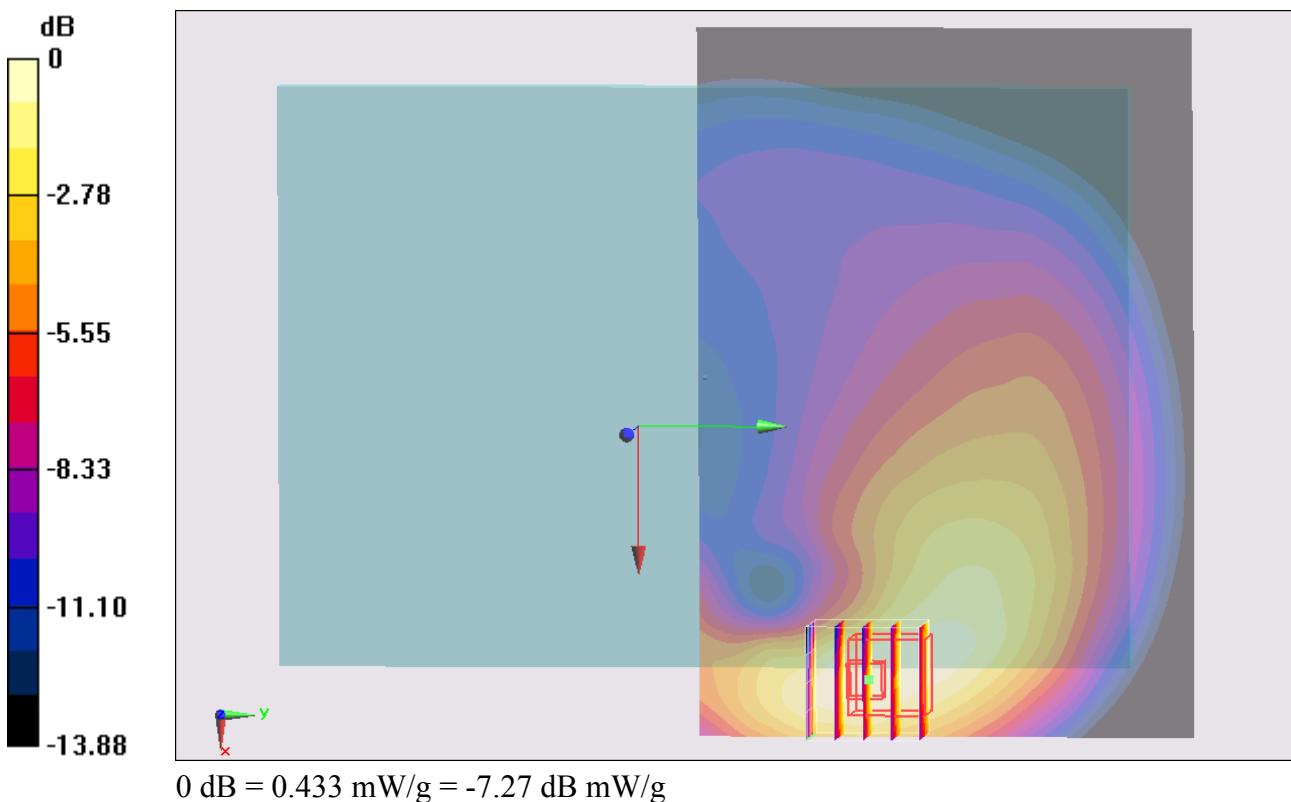
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.997 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.599 mW/g

**SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.265 mW/g**

Maximum value of SAR (measured) = 0.433 mW/g



**#40 LTE Band 17\_QPSK(25-13)\_10M\_Edge 1\_0.9cm\_Ch23790****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.934 \text{ mho/m}$ ;  $\epsilon_r = 54.847$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.471 mW/g

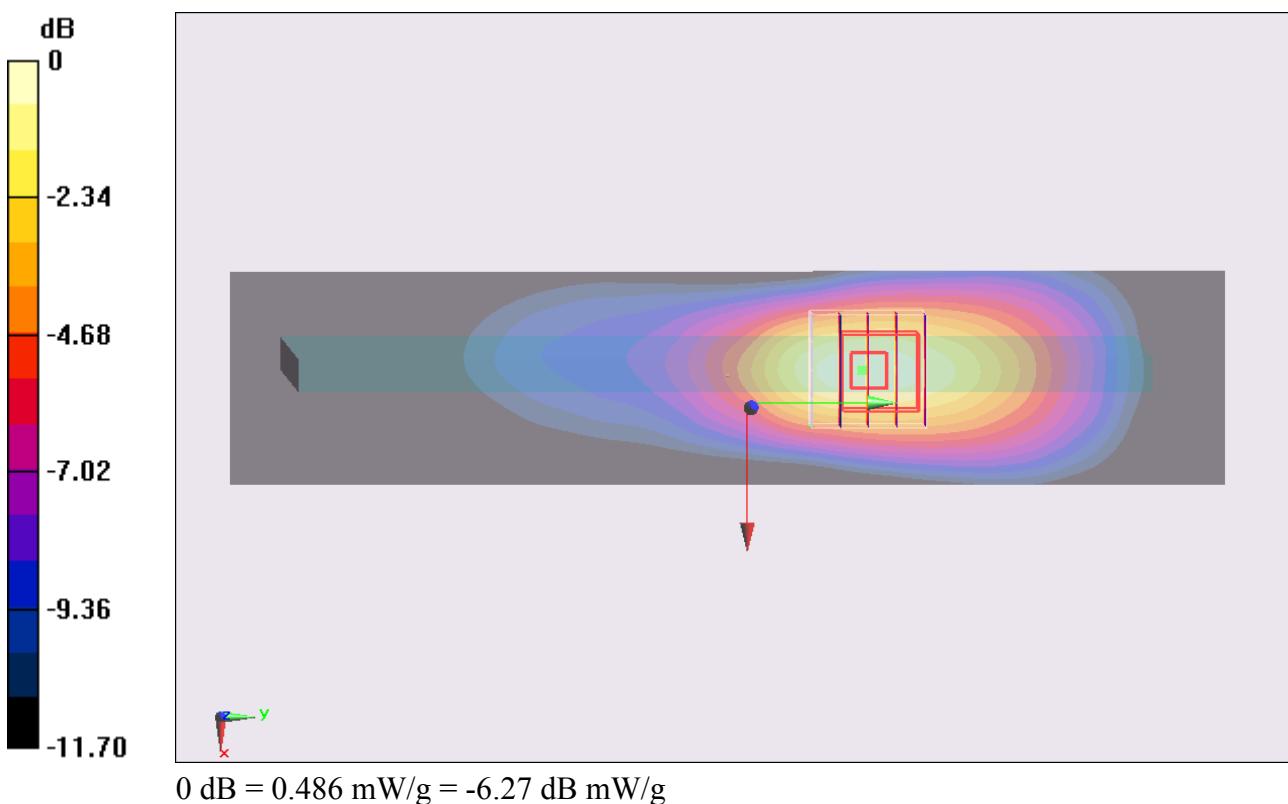
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.194 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.699 mW/g

**SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.281 mW/g**

Maximum value of SAR (measured) = 0.486 mW/g



**#41 LTE Band 17\_QPSK(1-0)\_10M\_Edge 1\_0.9cm\_Ch23790****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.934 \text{ mho/m}$ ;  $\epsilon_r = 54.847$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.565 mW/g

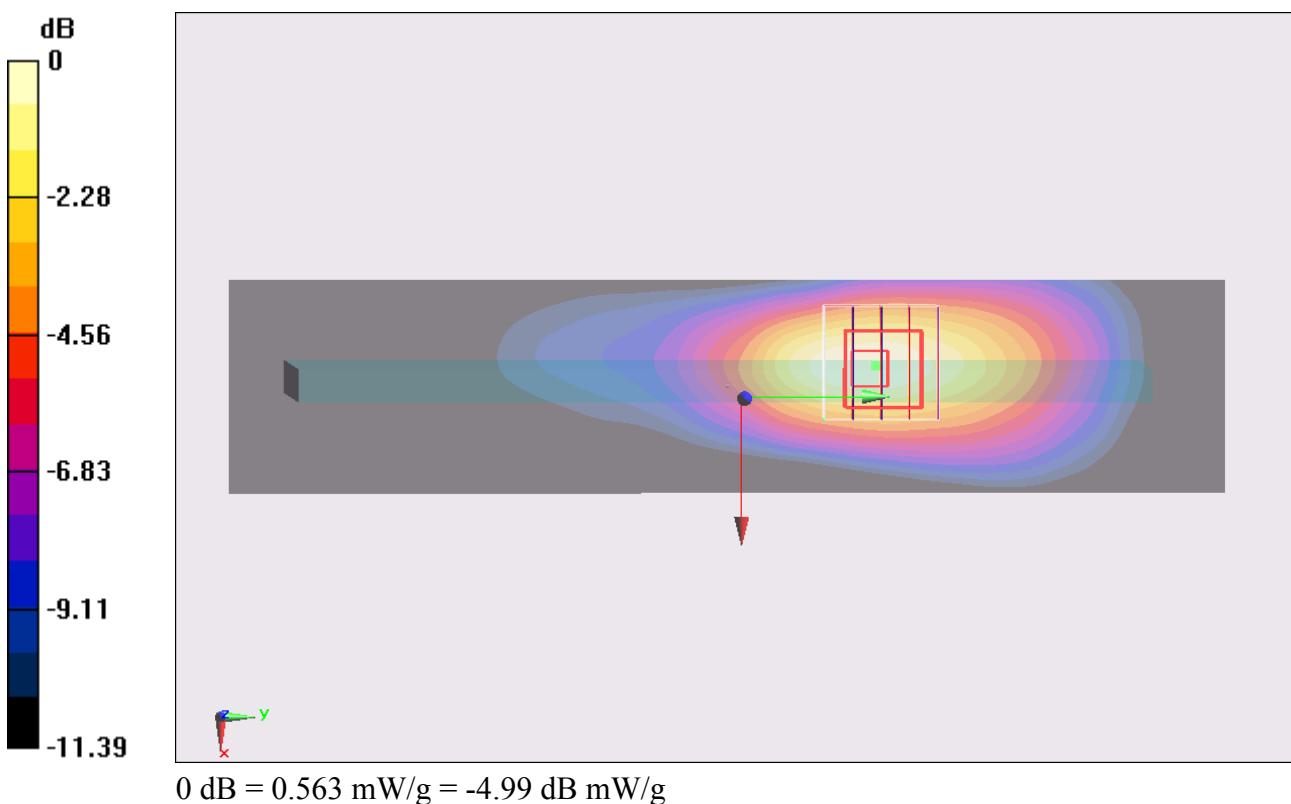
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.580 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.803 mW/g

**SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.333 mW/g**

Maximum value of SAR (measured) = 0.563 mW/g



## #42 LTE Band 17\_QPSK(1-49)\_10M\_Edge 1\_0.9cm\_Ch23790

**DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.934 \text{ mho/m}$ ;  $\epsilon_r = 54.847$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (31x141x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.618 mW/g

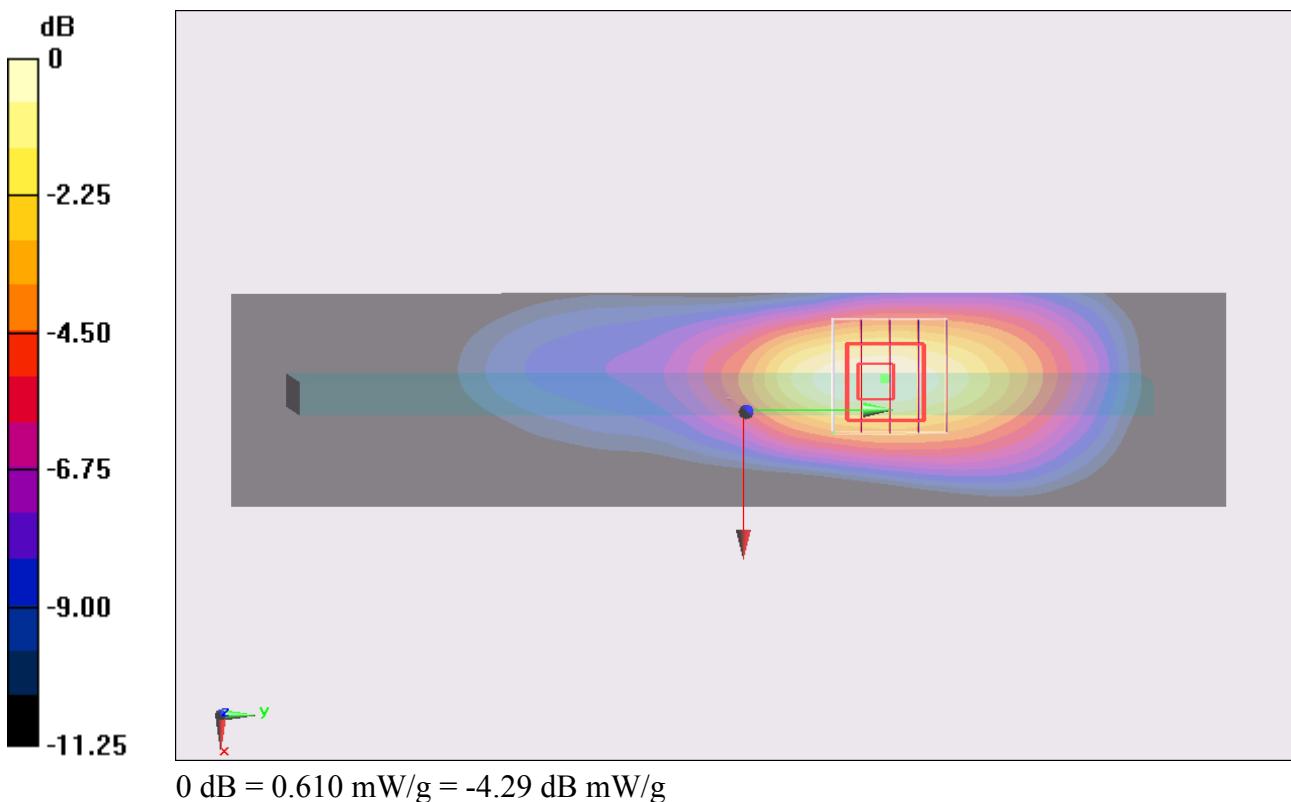
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 14.405 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.881 mW/g

**SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.362 mW/g**

Maximum value of SAR (measured) = 0.610 mW/g



**#42 LTE Band 17\_QPSK(1-49)\_10M\_Edge 1\_0.9cm\_Ch23790\_2D****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.934 \text{ mho/m}$ ;  $\epsilon_r = 54.847$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (31x141x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ 

Maximum value of SAR (interpolated) = 0.618 mW/g

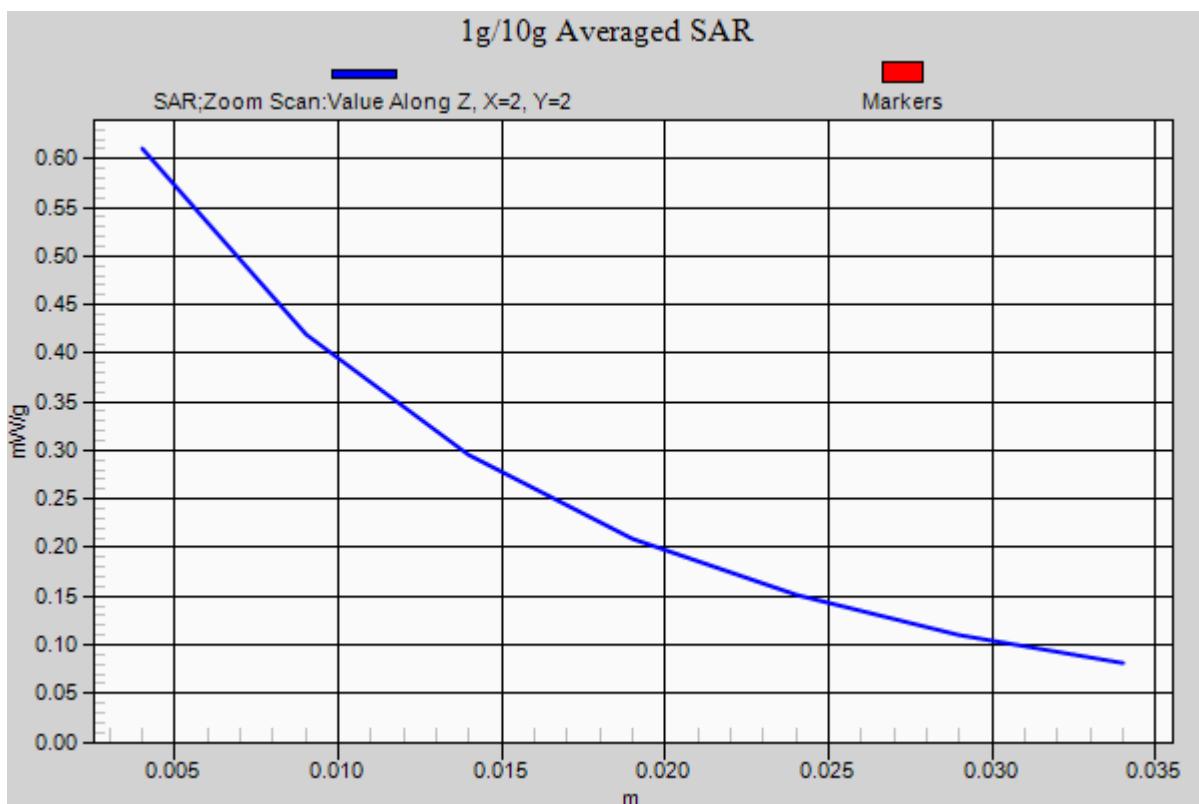
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 14.405 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.881 mW/g

**SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.362 mW/g**

Maximum value of SAR (measured) = 0.610 mW/g



**#49 LTE Band 17\_16QAM(25-13)\_10M\_Edge 1\_0.9cm\_Ch23790****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.934 \text{ mho/m}$ ;  $\epsilon_r = 54.847$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.379 mW/g

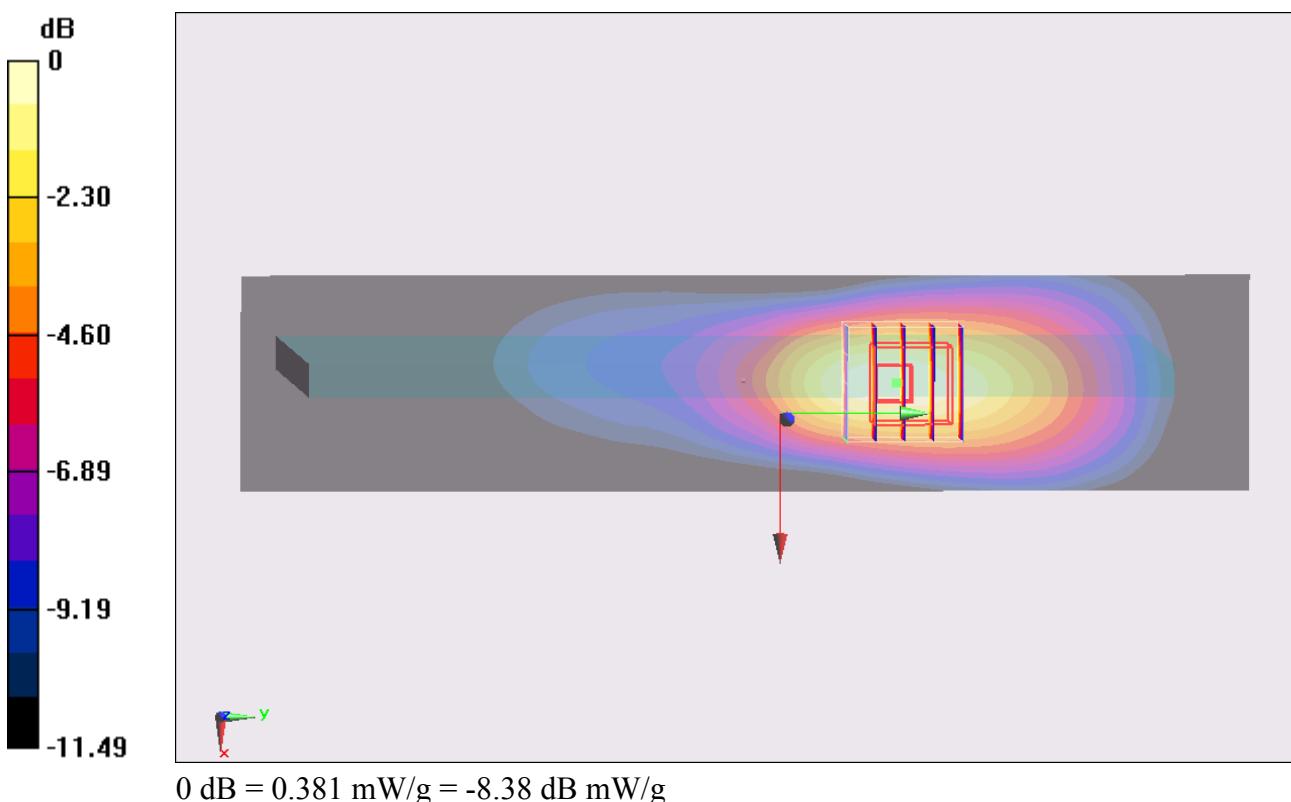
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.113 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.543 mW/g

**SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.223 mW/g**

Maximum value of SAR (measured) = 0.381 mW/g



## #50 LTE Band 17\_16QAM(1-0)\_10M\_Edge 1\_0.9cm\_Ch23790

**DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.934$  mho/m;  $\epsilon_r = 54.847$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.437 mW/g

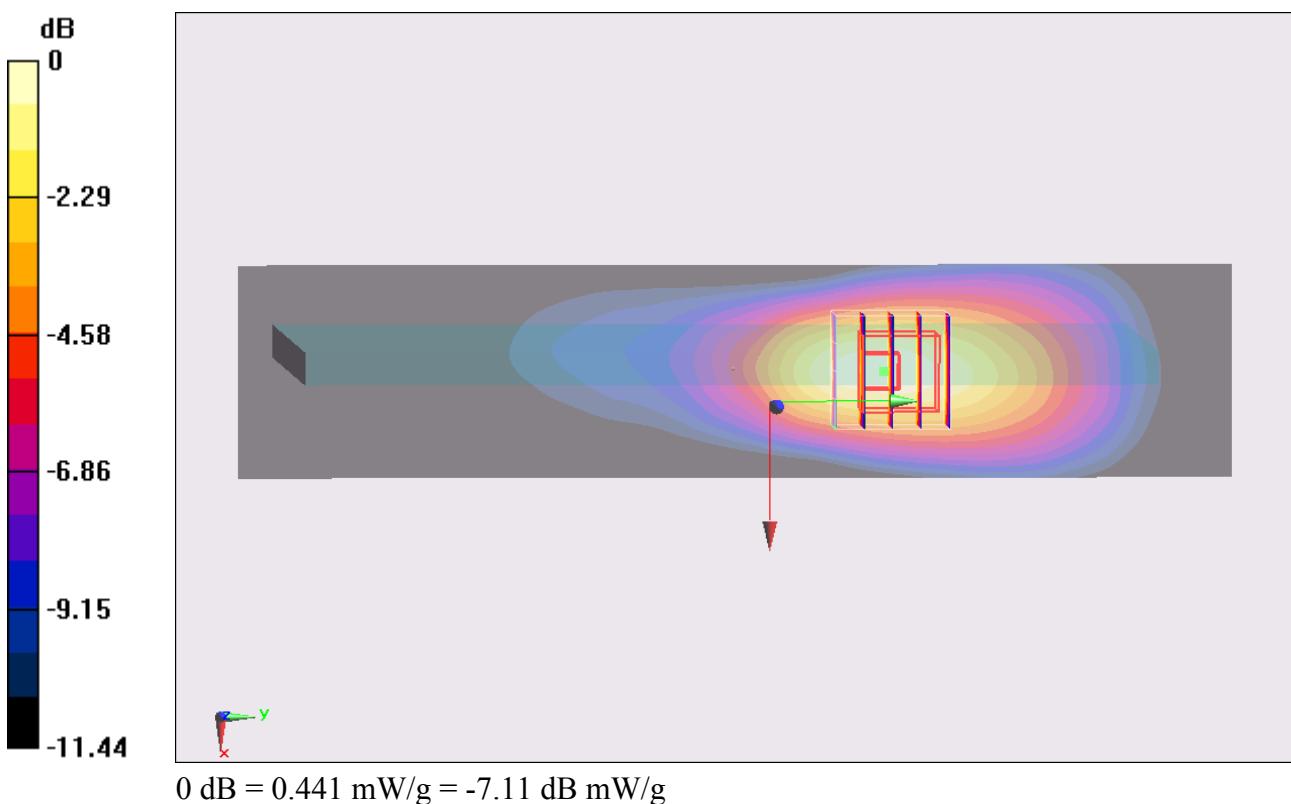
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.828 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.626 mW/g

**SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.258 mW/g**

Maximum value of SAR (measured) = 0.441 mW/g



## #51 LTE Band 17\_16QAM(1-49)\_10M\_Edge 1\_0.9cm\_Ch23790

**DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.934$  mho/m;  $\epsilon_r = 54.847$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.483 mW/g

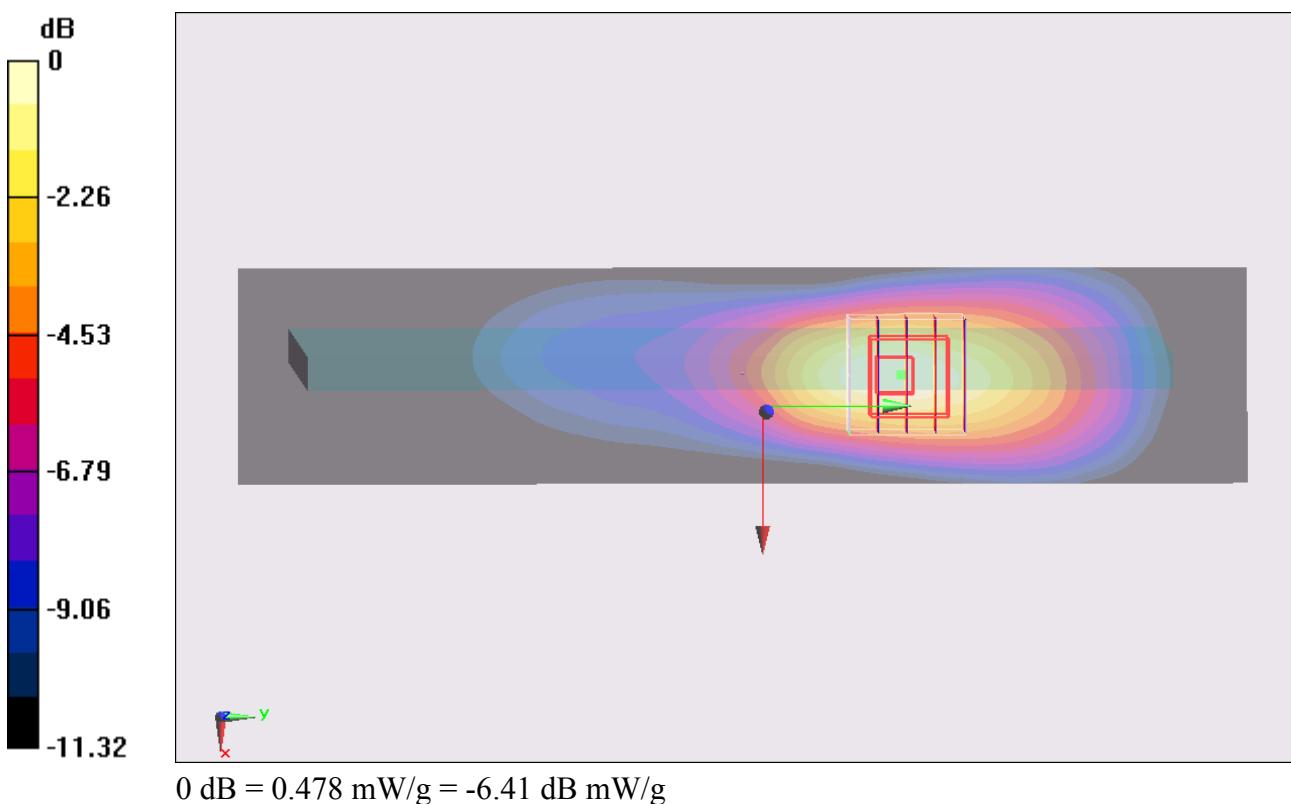
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.661 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.675 mW/g

**SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.281 mW/g**

Maximum value of SAR (measured) = 0.478 mW/g



**#43 LTE Band 17\_QPSK(25-13)\_10M\_Edge 2\_0cm\_Ch23790****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.934 \text{ mho/m}$ ;  $\epsilon_r = 54.847$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (31x101x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.248 mW/g

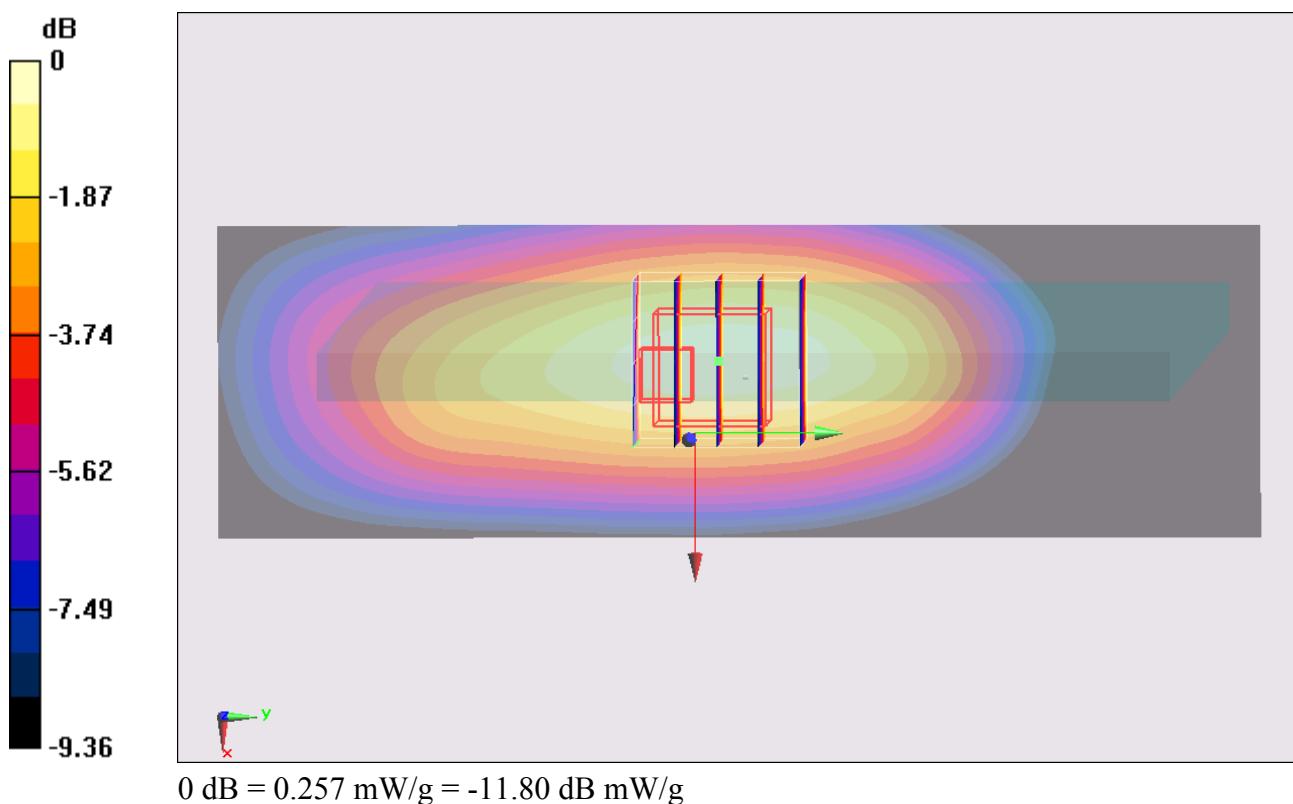
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.228 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.405 mW/g

**SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.163 mW/g**

Maximum value of SAR (measured) = 0.257 mW/g



**#44 LTE Band 17\_QPSK(1-0)\_10M\_Edge 2\_0cm\_Ch23790****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.934 \text{ mho/m}$ ;  $\epsilon_r = 54.847$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (31x101x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.251 mW/g

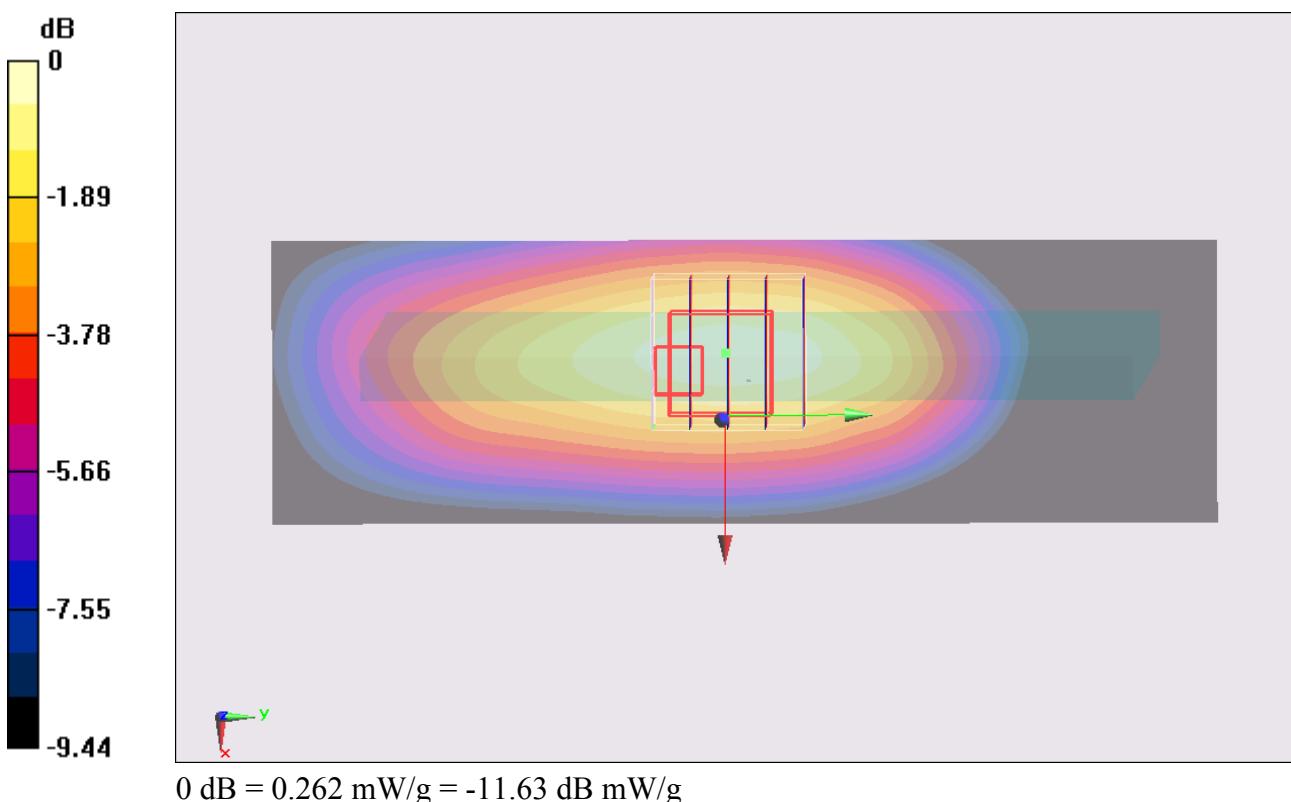
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.134 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.401 mW/g

**SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.163 mW/g**

Maximum value of SAR (measured) = 0.262 mW/g



## #45 LTE Band 17\_QPSK(1-49)\_10M\_Edge 2\_0cm\_Ch23790

**DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.934$  mho/m;  $\epsilon_r = 54.847$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (31x101x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.292 mW/g

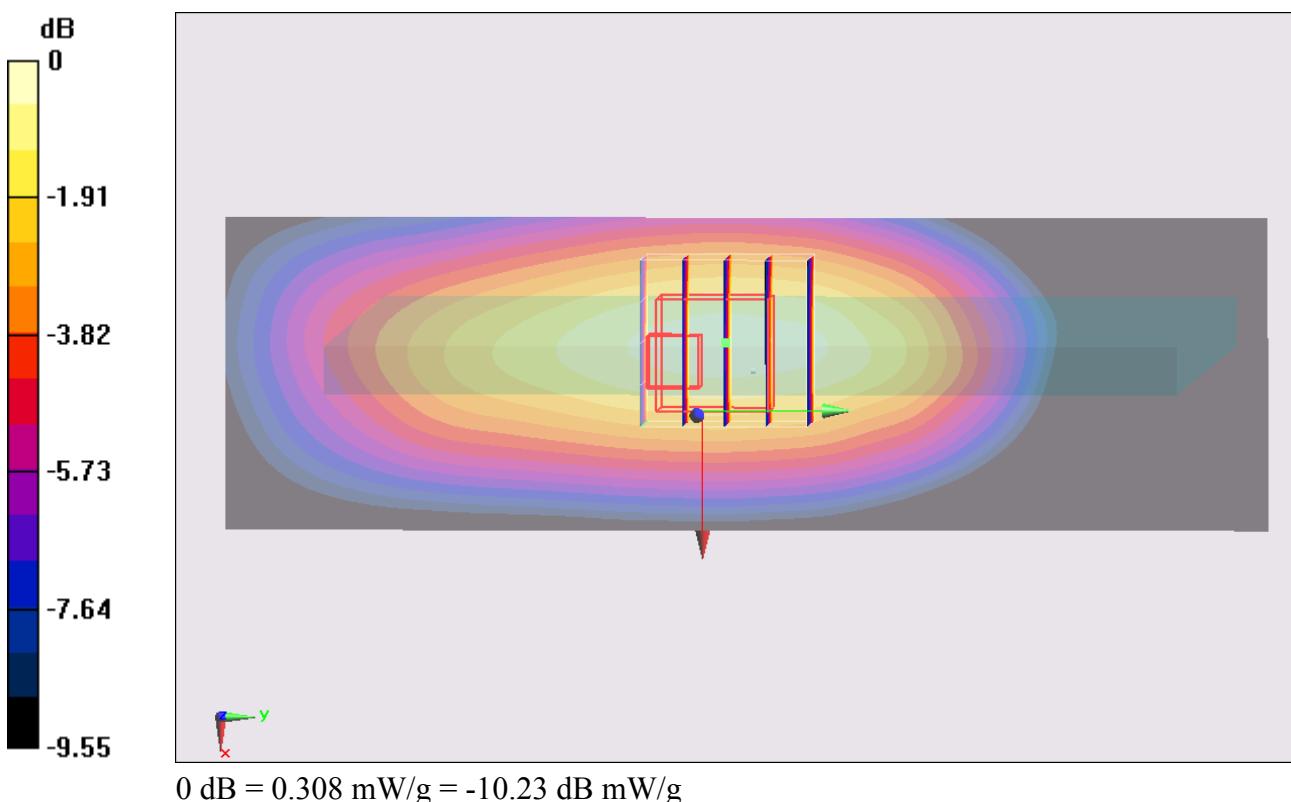
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.388 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.474 mW/g

**SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.190 mW/g**

Maximum value of SAR (measured) = 0.308 mW/g



## #52 LTE Band 17\_16QAM(25-13)\_10M\_Edge 2\_0cm\_Ch23790

**DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.934$  mho/m;  $\epsilon_r = 54.847$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (31x101x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.202 mW/g

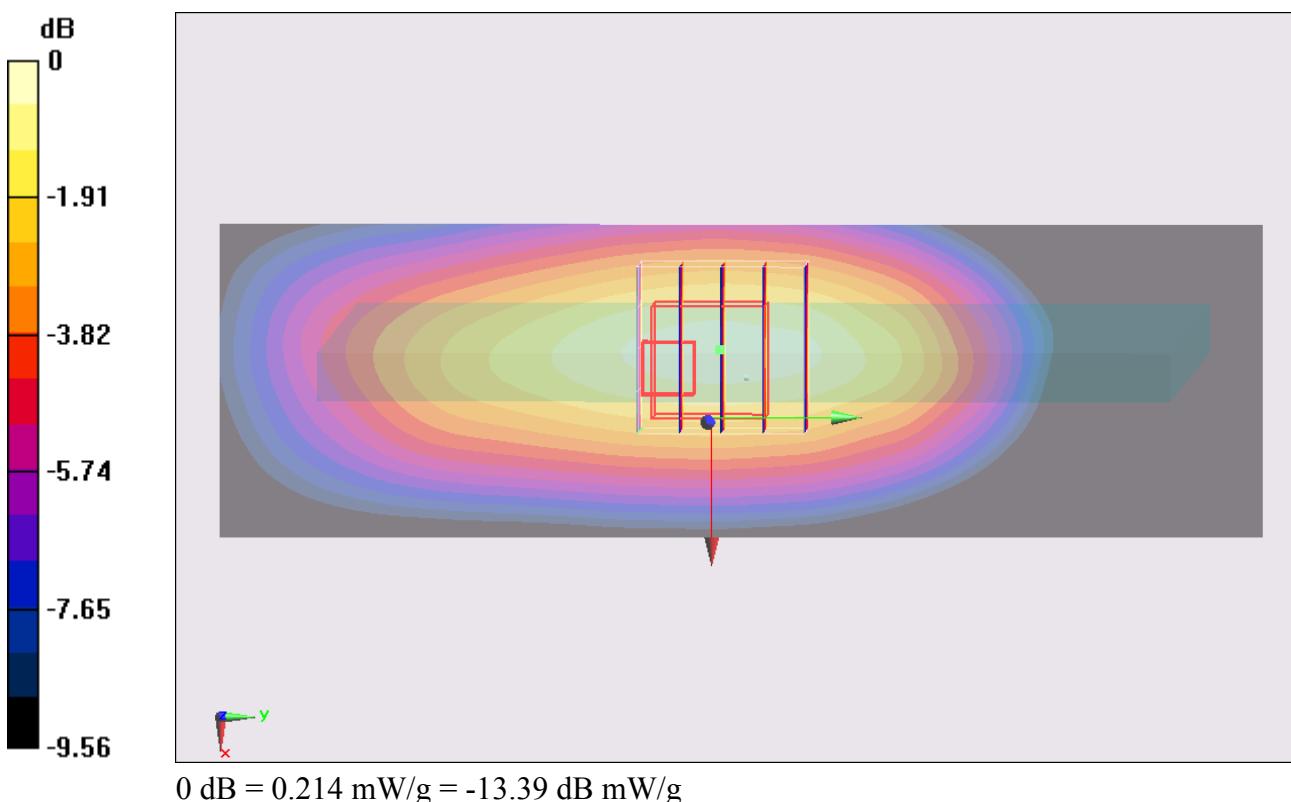
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.434 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.330 mW/g

**SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.133 mW/g**

Maximum value of SAR (measured) = 0.214 mW/g



**#53 LTE Band 17\_16QAM(1-0)\_10M\_Edge 2\_0cm\_Ch23790****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.934 \text{ mho/m}$ ;  $\epsilon_r = 54.847$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (31x101x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.210 mW/g

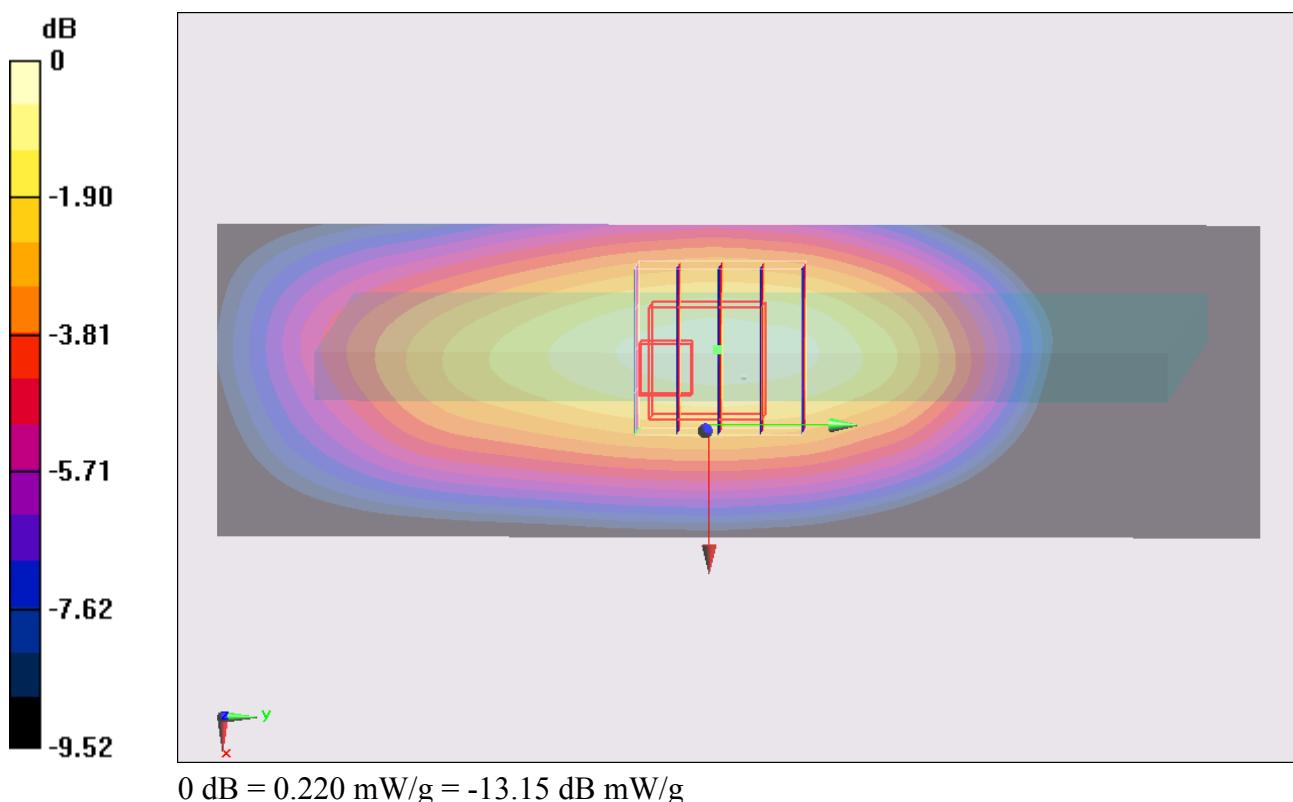
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.613 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.337 mW/g

**SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.137 mW/g**

Maximum value of SAR (measured) = 0.220 mW/g



## #54 LTE Band 17\_16QAM(1-49)\_10M\_Edge 2\_0cm\_Ch23790

**DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120724 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.934$  mho/m;  $\epsilon_r = 54.847$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Ch23790/Area Scan (31x101x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.240 mW/g

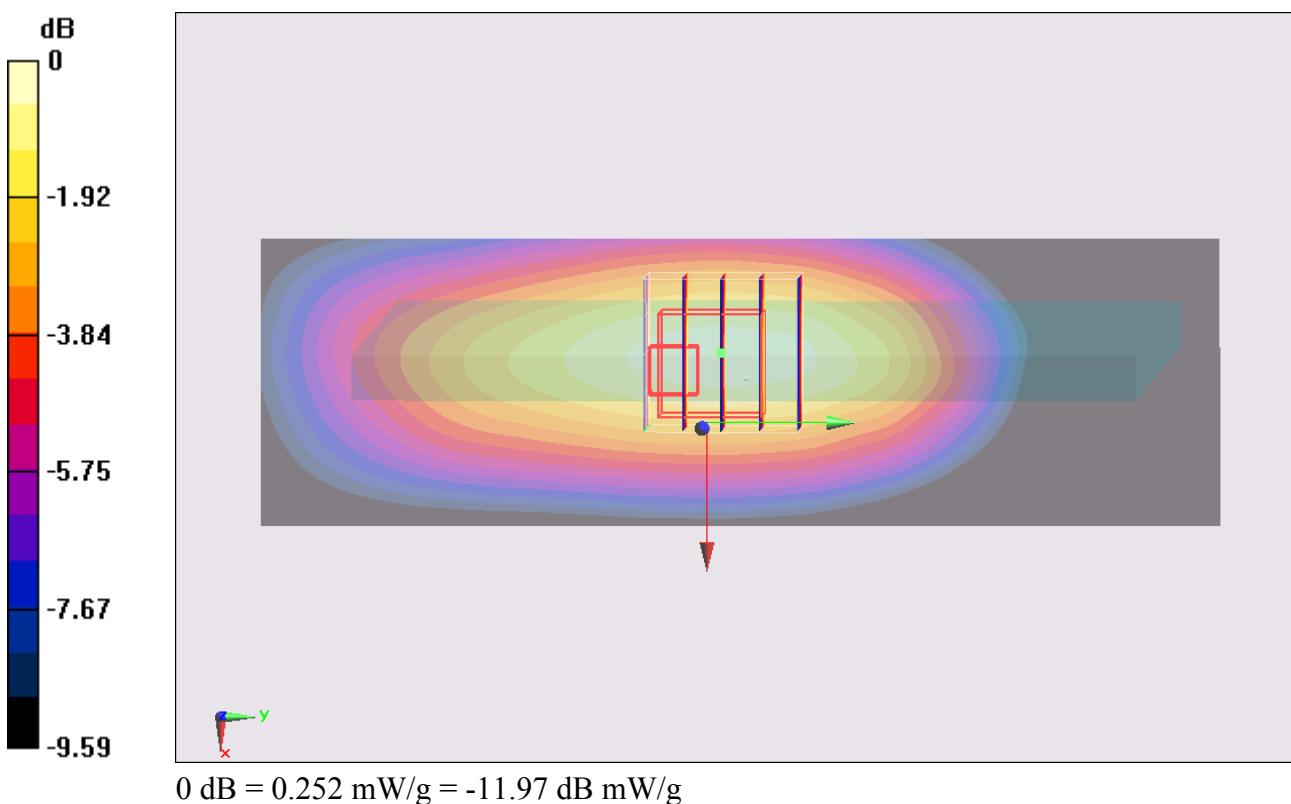
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.704 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.385 mW/g

**SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.156 mW/g**

Maximum value of SAR (measured) = 0.252 mW/g



**#11 LTE Band 17\_QPSK(25-13)\_10M\_Bottom Face\_0cm\_Ch23780****DUT: 240709**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 709 \text{ MHz}$ ;  $\sigma = 0.934 \text{ mho/m}$ ;  $\epsilon_r = 55.2$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23780/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.822 mW/g

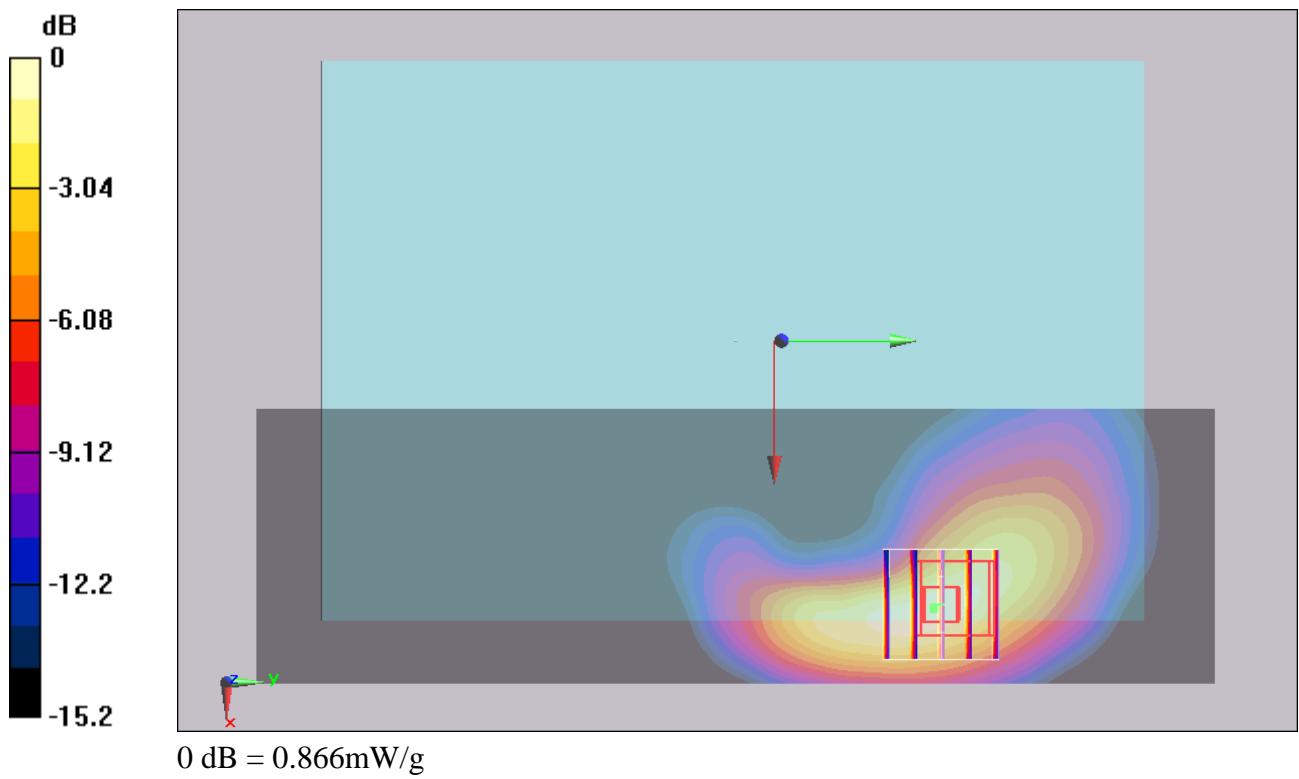
**Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.86 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.424 mW/g**

Maximum value of SAR (measured) = 0.866 mW/g



**#12 LTE Band 17\_QPSK(25-13)\_10M\_Bottom Face\_0cm\_Ch23790****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.935 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23790/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.864 mW/g

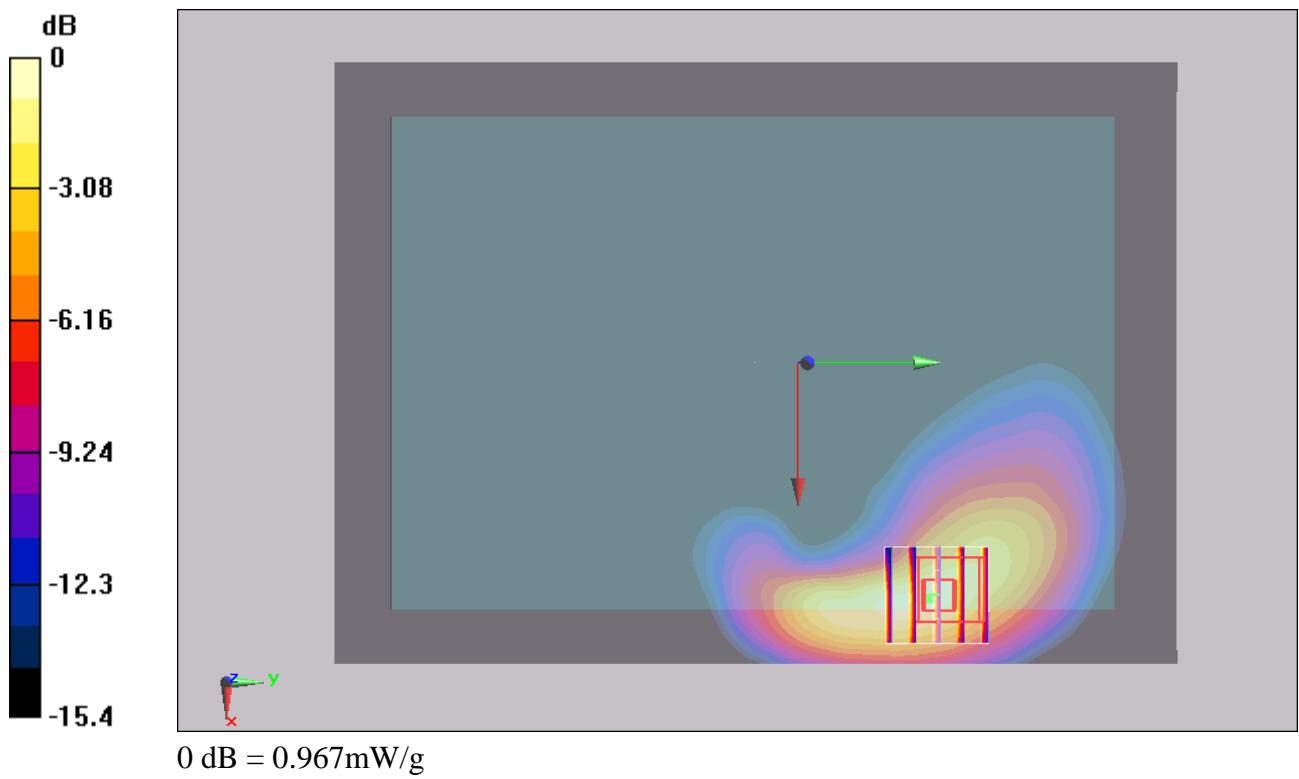
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.4 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.470 mW/g**

Maximum value of SAR (measured) = 0.967 mW/g



**#13 LTE Band 17\_QPSK(25-13)\_10M\_Bottom Face\_0cm\_Ch23800****DUT: 240709**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.937 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23800/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.947 mW/g

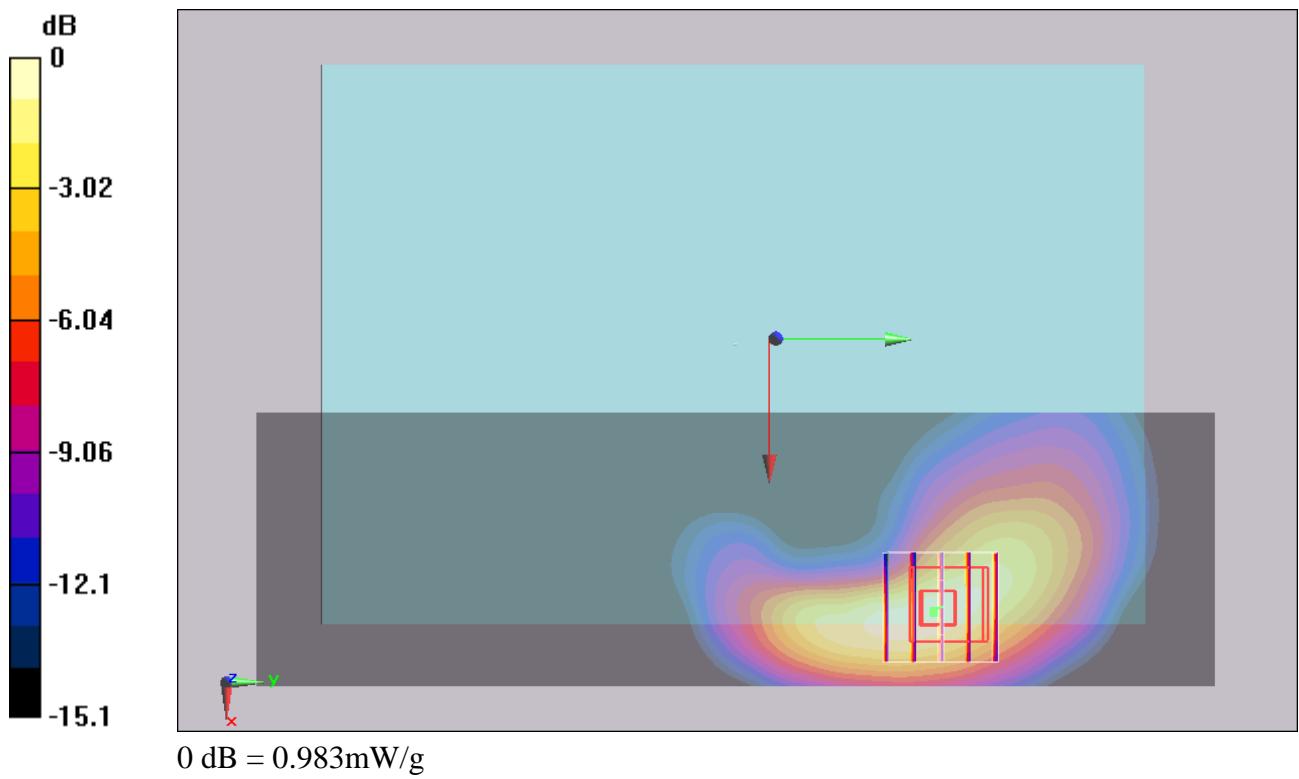
**Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.82 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.850 mW/g; SAR(10 g) = 0.484 mW/g**

Maximum value of SAR (measured) = 0.983 mW/g



**#14 LTE Band 17\_QPSK(1-0)\_10M\_Bottom Face\_0cm\_Ch23800****DUT: 240709**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.937 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23800/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.628 mW/g

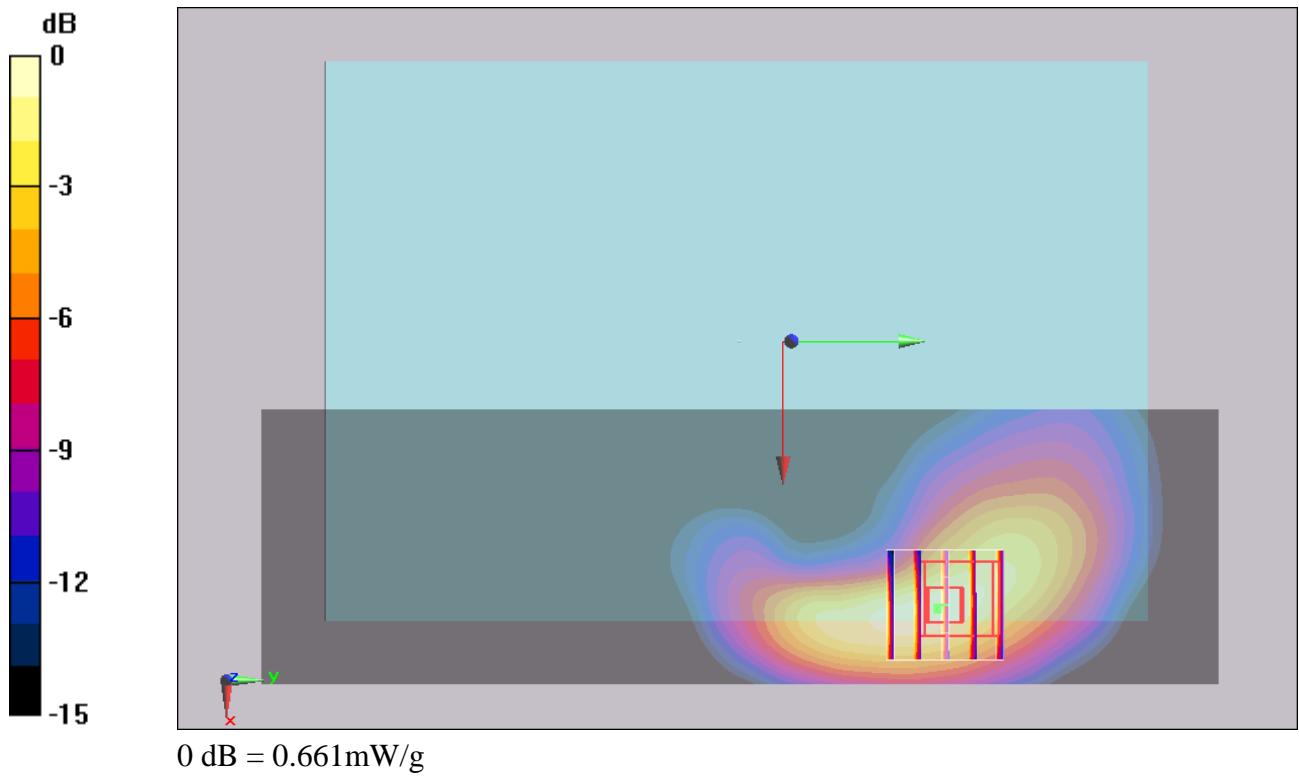
**Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.71 V/m; Power Drift = -0.160 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.328 mW/g**

Maximum value of SAR (measured) = 0.661 mW/g



**#15 LTE Band 17\_QPSK(1-49)\_10M\_Bottom Face\_0cm\_Ch23800****DUT: 240709**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.937 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23800/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.814 mW/g

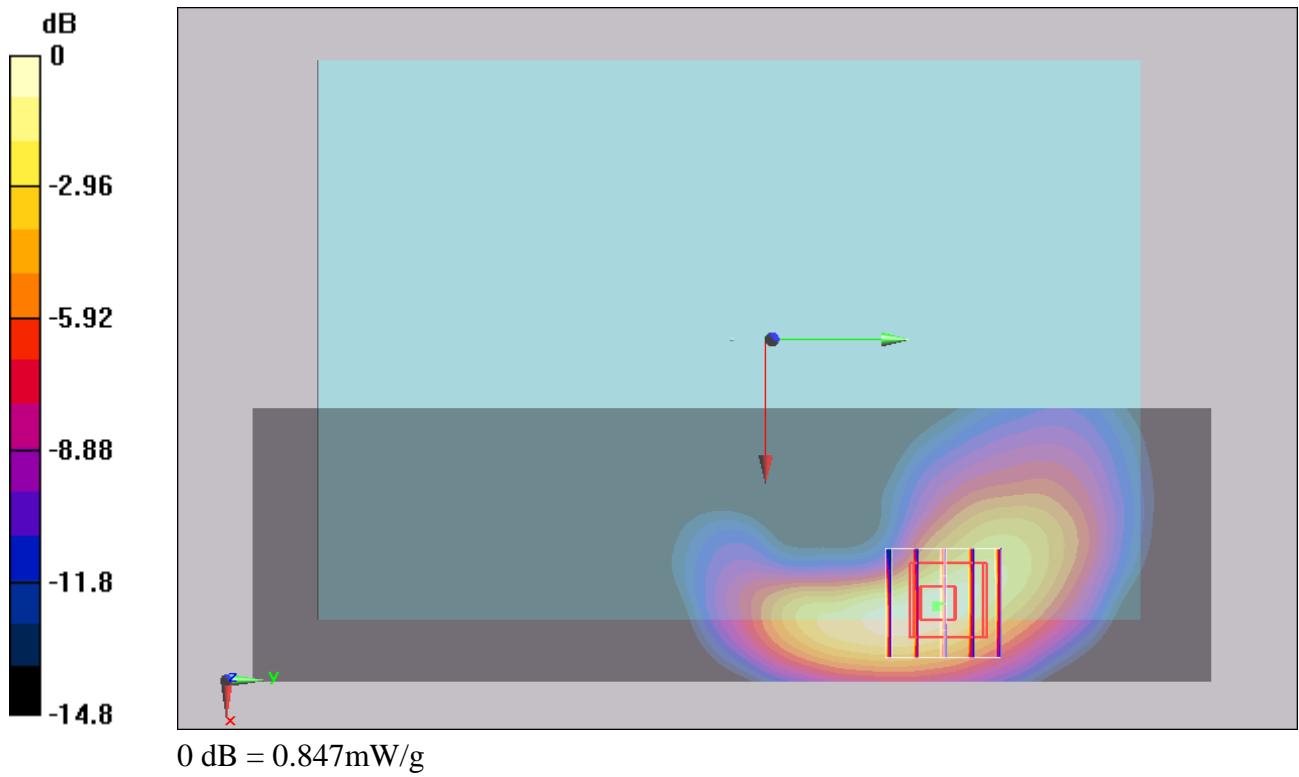
**Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.02 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 1.3 W/kg

**SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.419 mW/g**

Maximum value of SAR (measured) = 0.847 mW/g



**#21 LTE Band 17\_16QAM(25-13)\_10M\_Bottom Face\_0cm\_Ch23800****DUT: 240709**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.937 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23800/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.921 mW/g

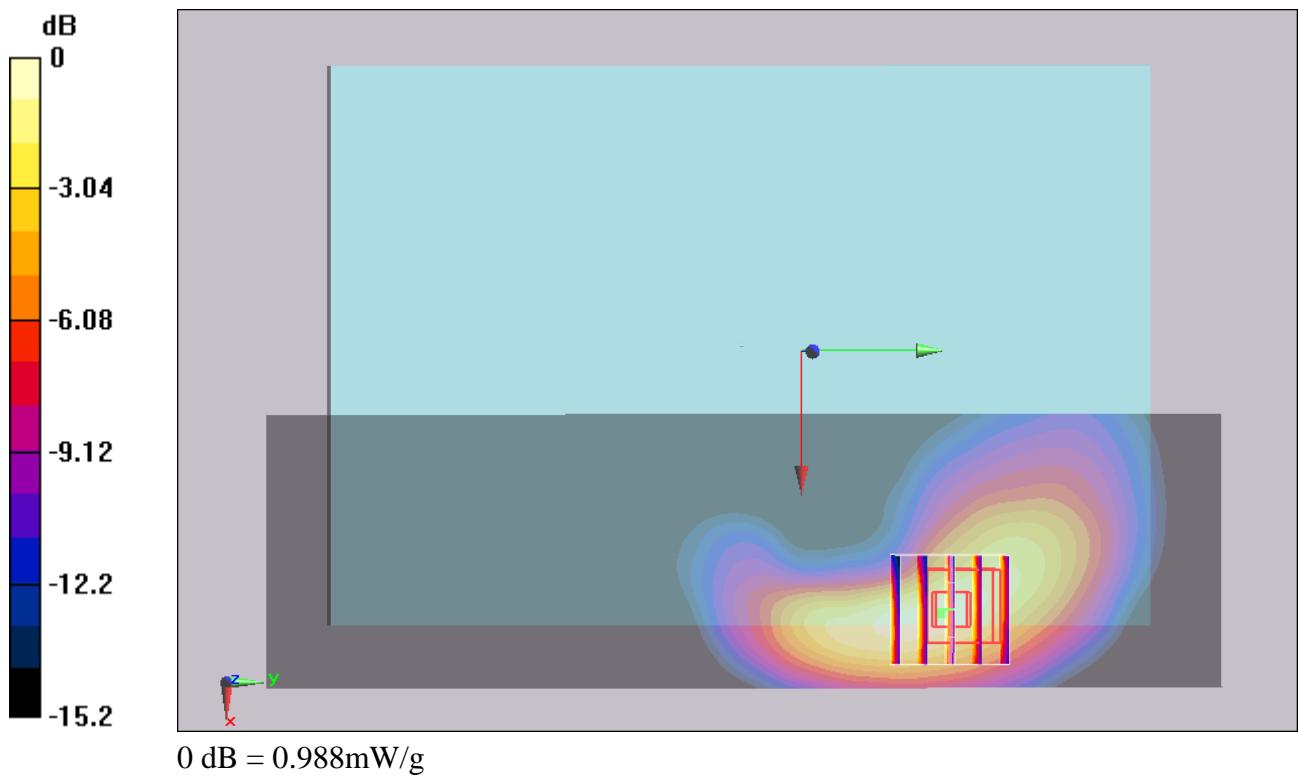
**Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.83 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.855 mW/g; SAR(10 g) = 0.486 mW/g**

Maximum value of SAR (measured) = 0.988 mW/g



**#21 LTE Band 17\_16QAM(25-13)\_10M\_Bottom Face\_0cm\_Ch23800\_2D****DUT: 240709**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.937 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23800/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.921 mW/g

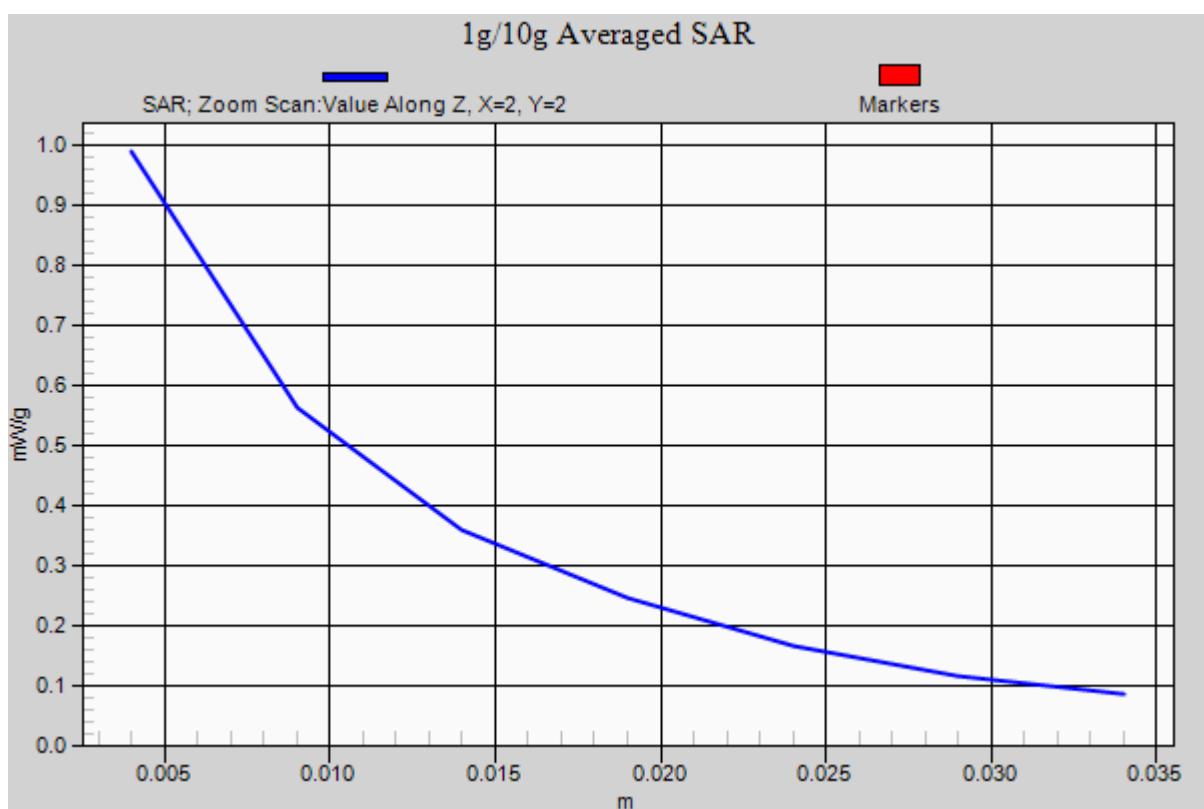
**Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.83 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.855 mW/g; SAR(10 g) = 0.486 mW/g**

Maximum value of SAR (measured) = 0.988 mW/g



**#22 LTE Band 17\_16QAM(1-0)\_10M\_Bottom Face\_0cm\_Ch23800****DUT: 240709**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.937 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23800/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.661 mW/g

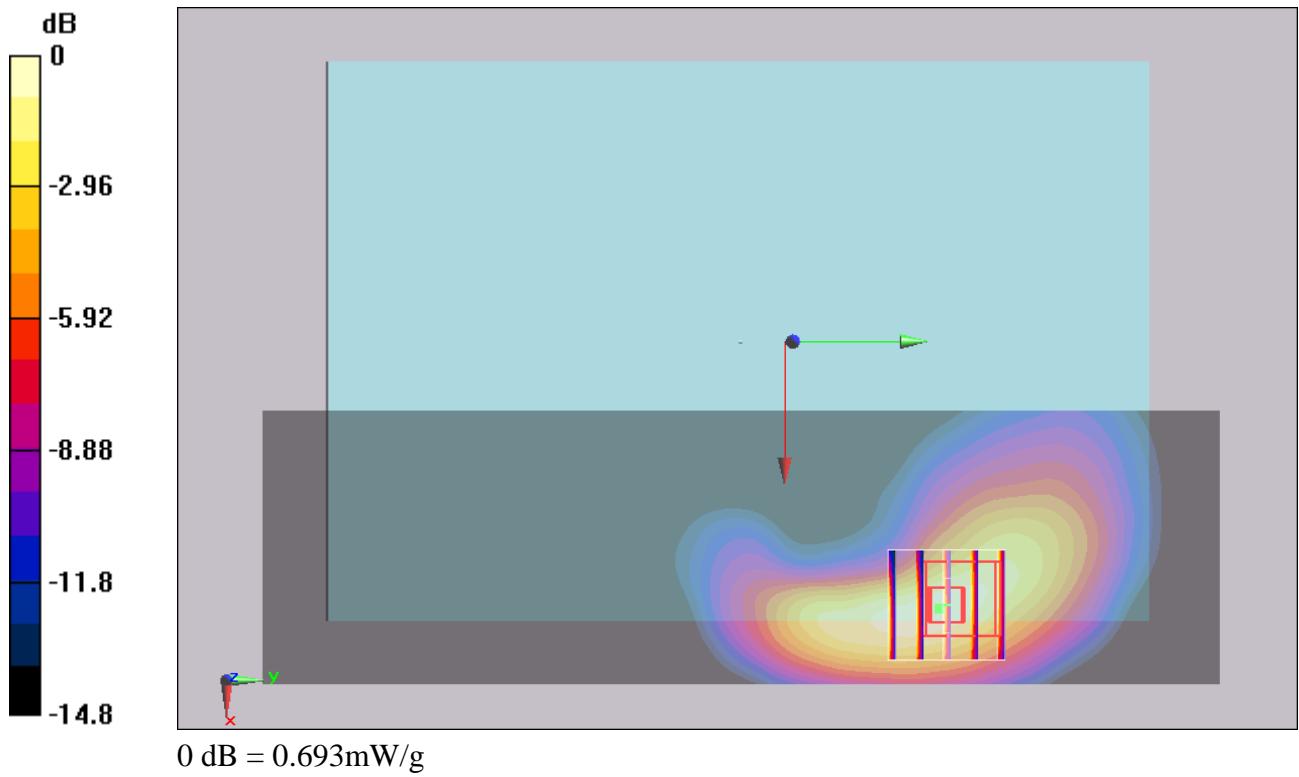
**Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.76 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.598 mW/g; SAR(10 g) = 0.345 mW/g**

Maximum value of SAR (measured) = 0.693 mW/g



**#23 LTE Band 17\_16QAM(1-49)\_10M\_Bottom Face\_0cm\_Ch23800****DUT: 240709**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.937 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23800/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.808 mW/g

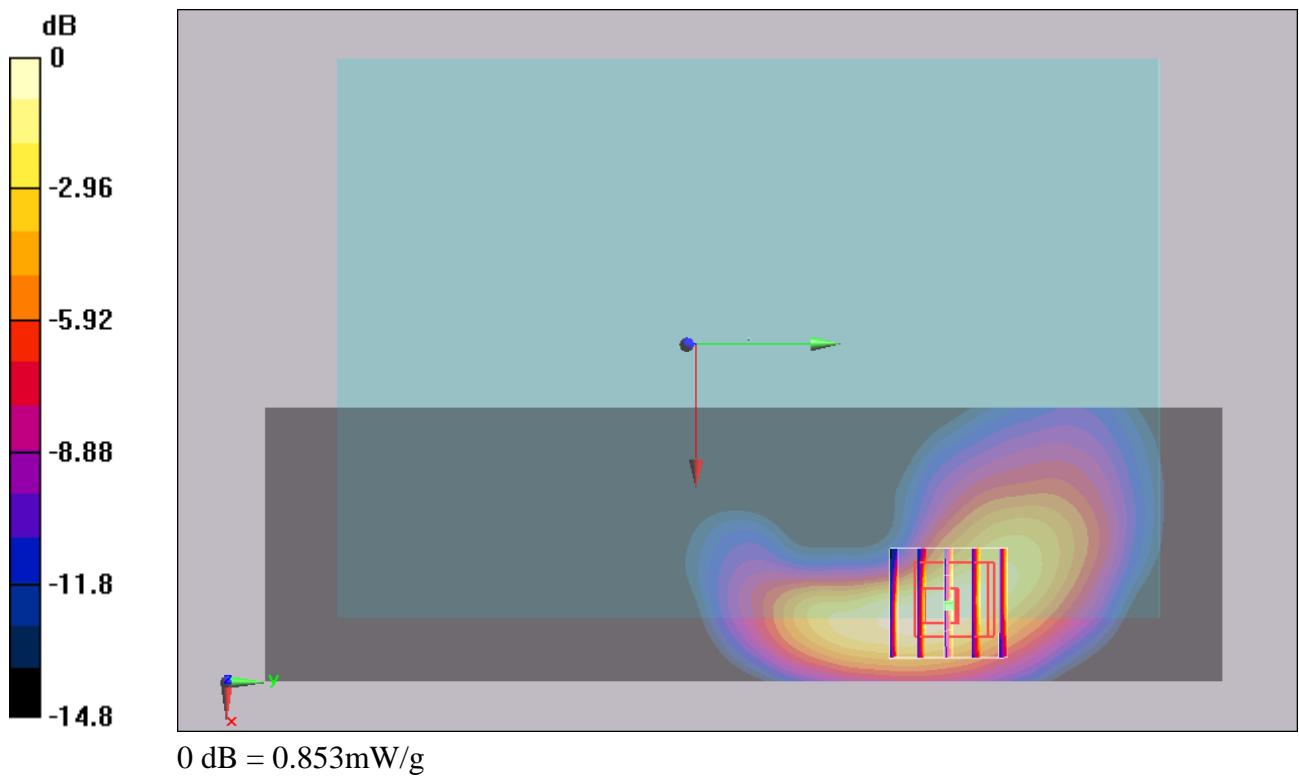
**Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.64 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.418 mW/g**

Maximum value of SAR (measured) = 0.853 mW/g



0 dB = 0.853mW/g

**#17 LTE Band 17\_QPSK(25-13)\_10M\_Edge 1\_0cm\_Ch23790****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.935 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

## DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23790/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.535 mW/g

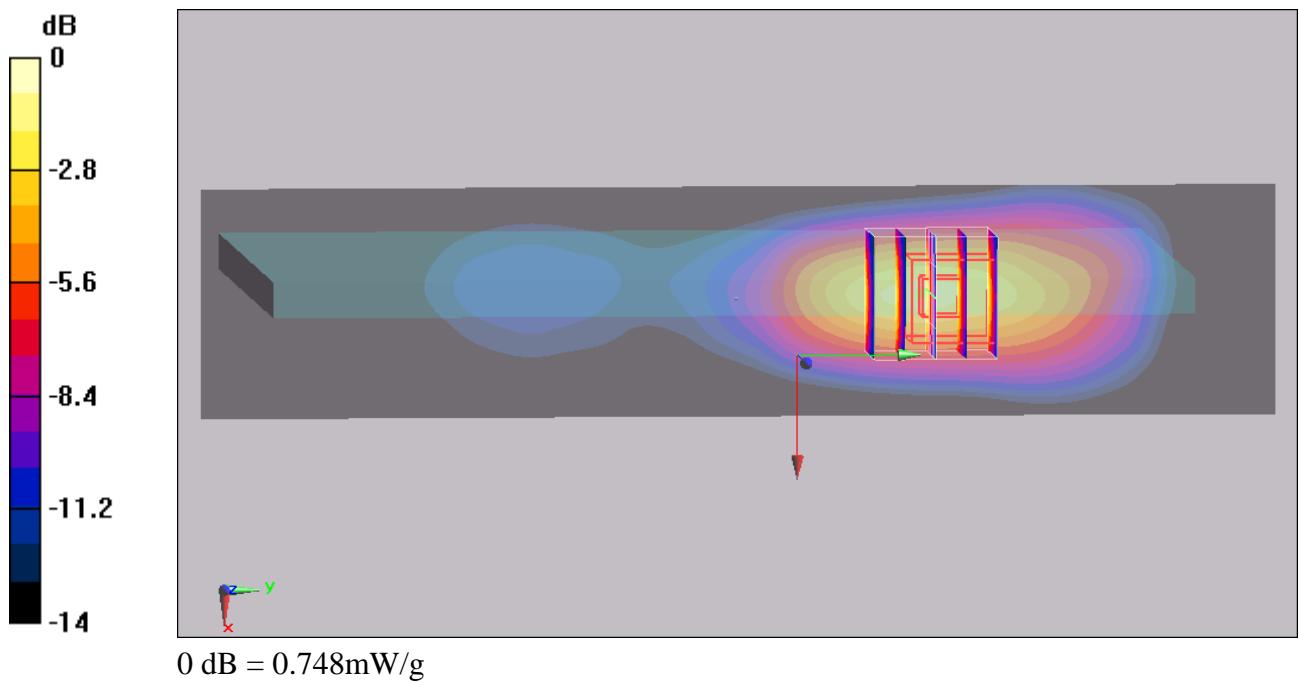
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.351 mW/g**

Maximum value of SAR (measured) = 0.748 mW/g



**#19 LTE Band 17\_QPSK(1-0)\_10M\_Edge 1\_0cm\_Ch23790****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.935 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23790/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.463 mW/g

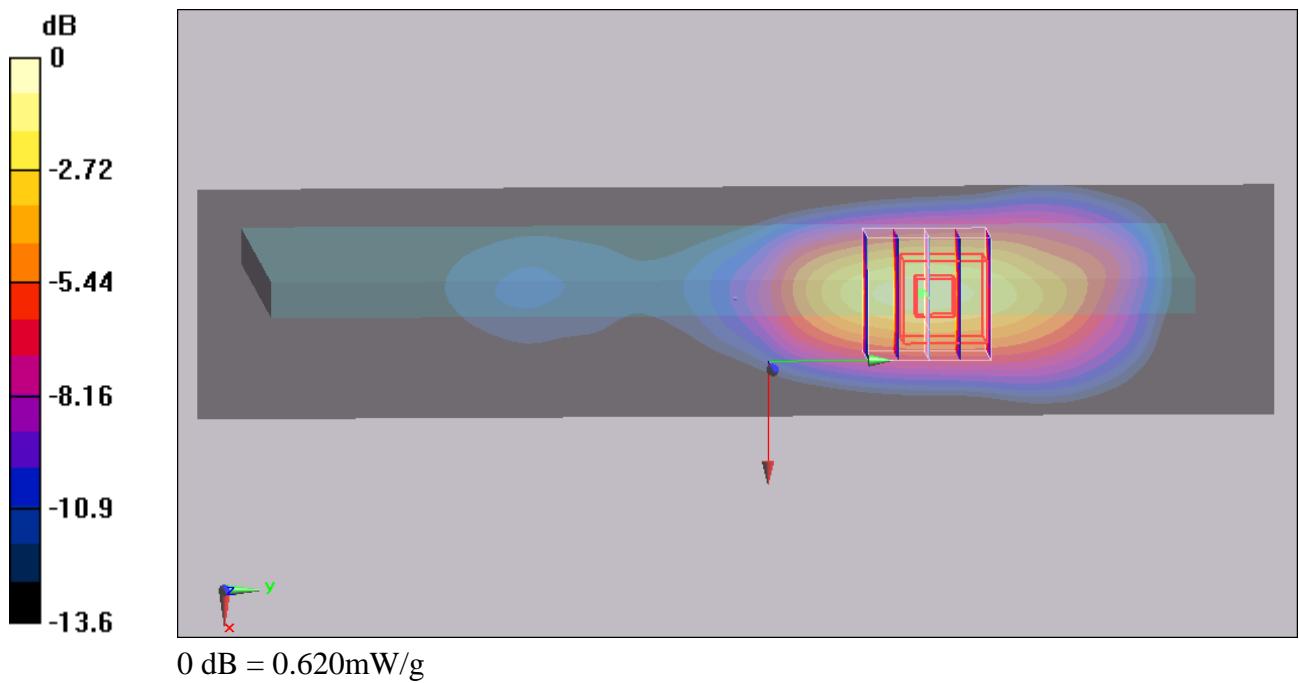
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.297 mW/g**

Maximum value of SAR (measured) = 0.620 mW/g



**#20 LTE Band 17\_QPSK(1-49)\_10M\_Edge 1\_0cm\_Ch23790****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.935 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23790/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.523 mW/g

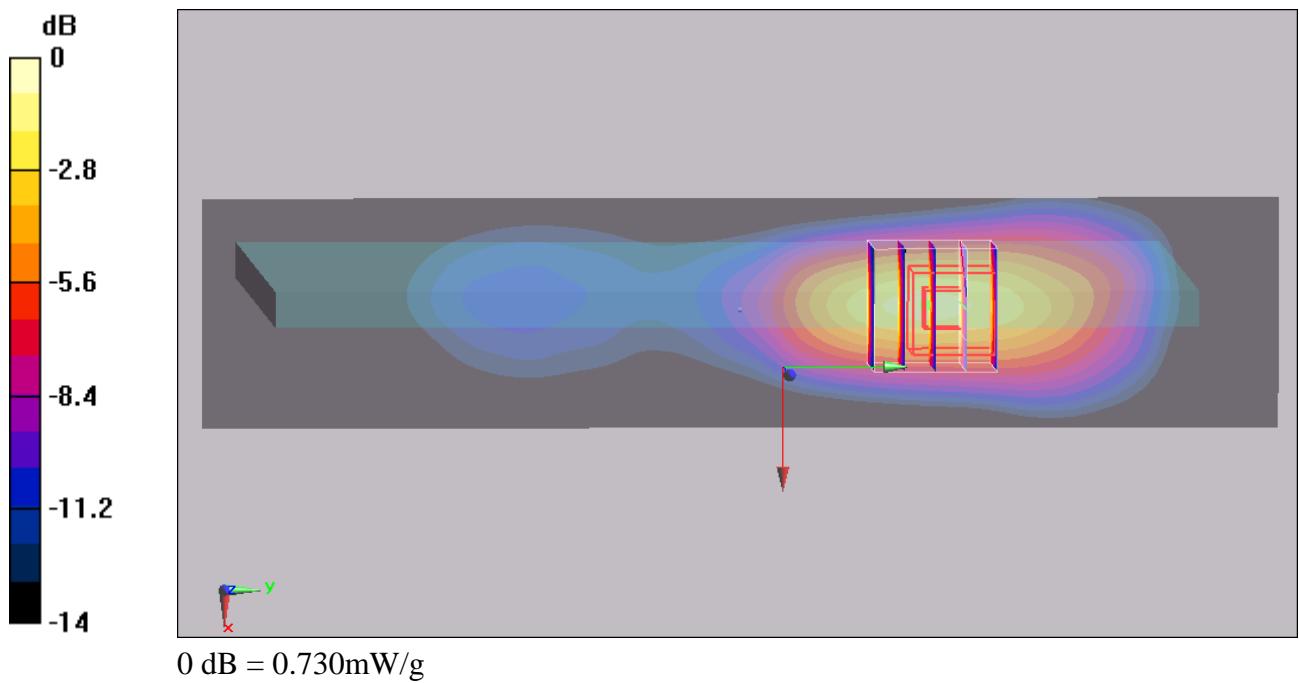
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.343 mW/g**

Maximum value of SAR (measured) = 0.730 mW/g



**#24 LTE Band 17\_16QAM(25-13)\_10M\_Edge 1\_0cm\_Ch23790****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.935 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

## DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23790/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.528 mW/g

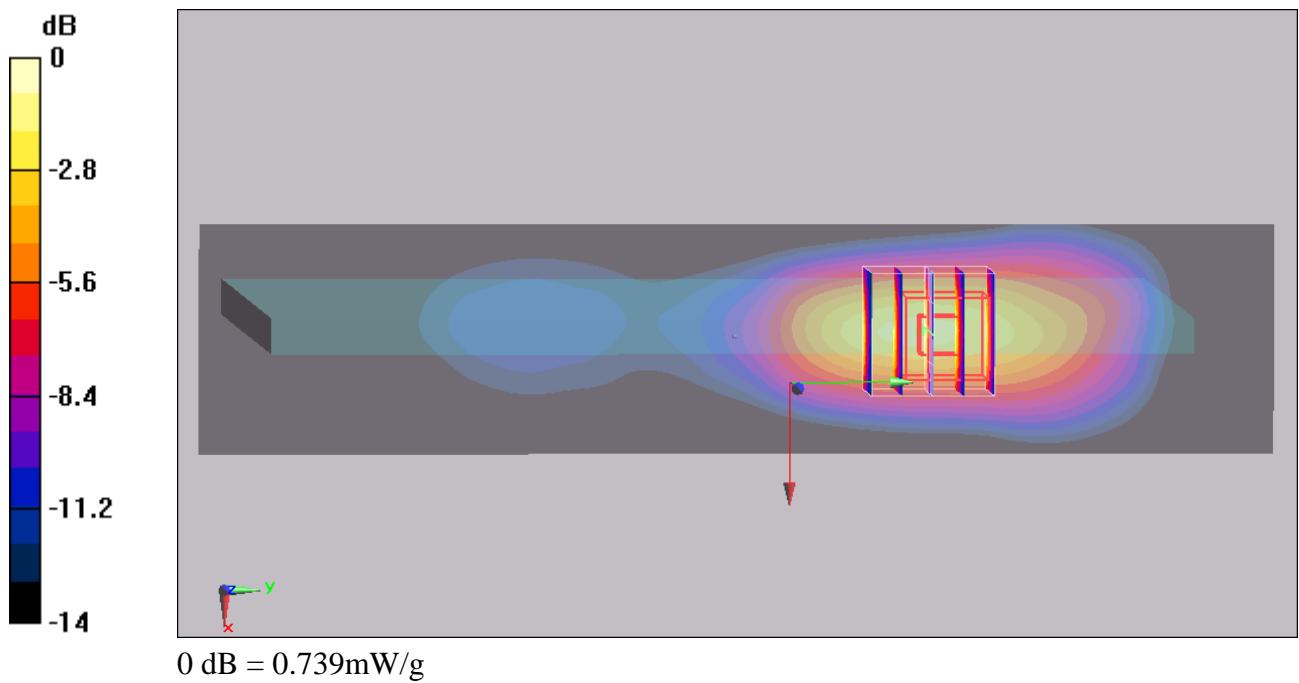
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = 0.079 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.346 mW/g**

Maximum value of SAR (measured) = 0.739 mW/g



**#25 LTE Band 17\_16QAM(1-0)\_10M\_Edge 1\_0cm\_Ch23790****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.935 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

## DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23790/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.446 mW/g

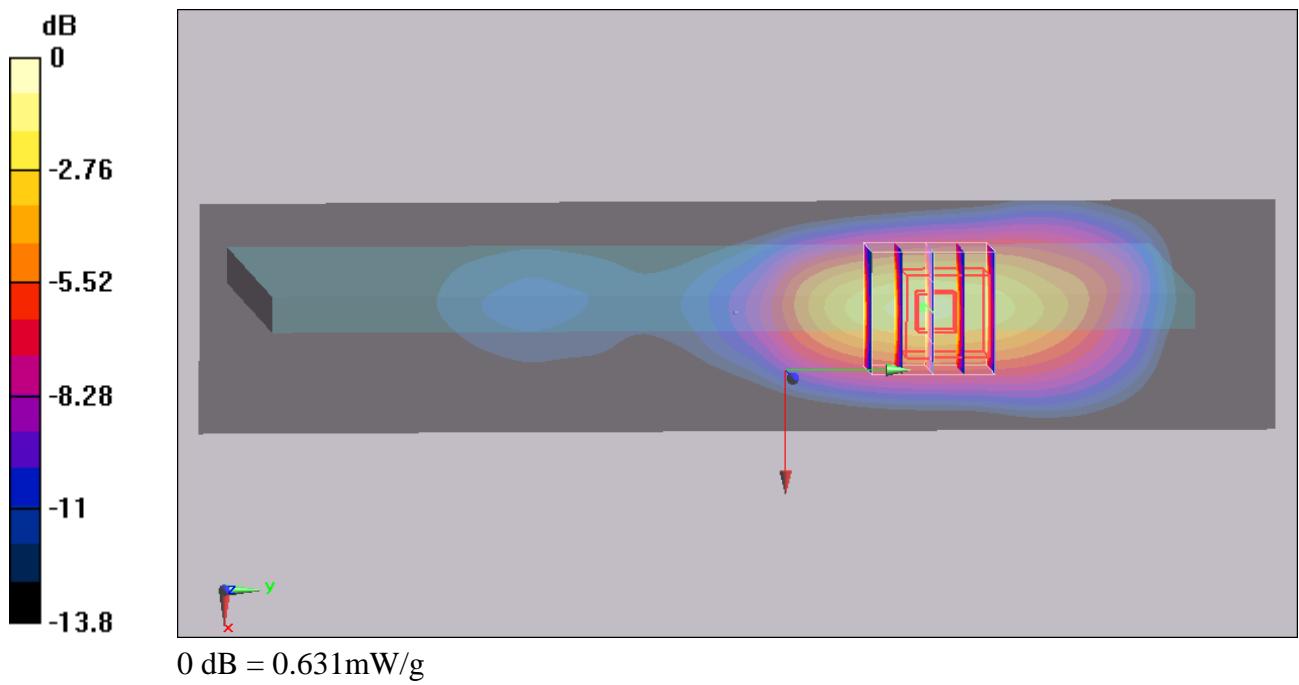
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.556 mW/g; SAR(10 g) = 0.298 mW/g**

Maximum value of SAR (measured) = 0.631 mW/g



**#26 LTE Band 17\_16QAM(1-49)\_10M\_Edge 1\_0cm\_Ch23790****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.935 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

## DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23790/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.530 mW/g

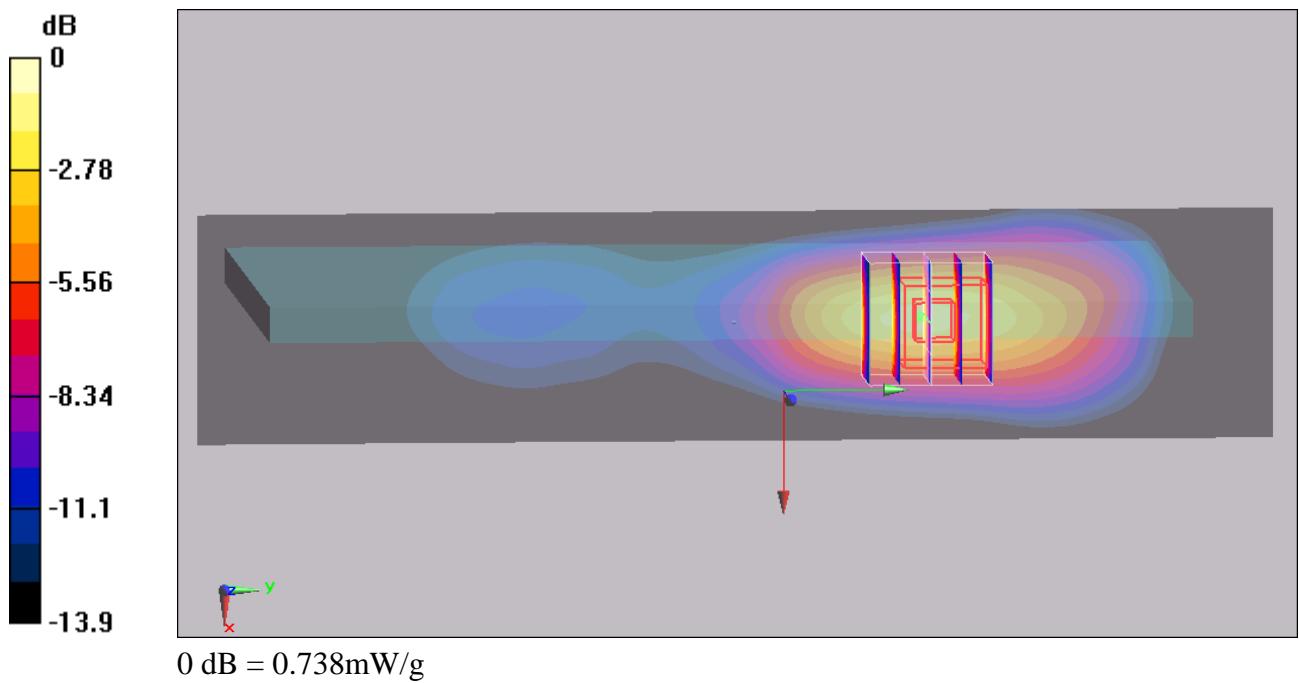
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.652 mW/g; SAR(10 g) = 0.345 mW/g**

Maximum value of SAR (measured) = 0.738 mW/g



**#123 LTE Band 17\_QPSK(1-49)\_10M\_Curved surface of Edge 1****\_Bottom Face tilted\_0cm\_Ch23800****DUT: 240709**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.937 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23800/Area Scan (101x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.19 mW/g

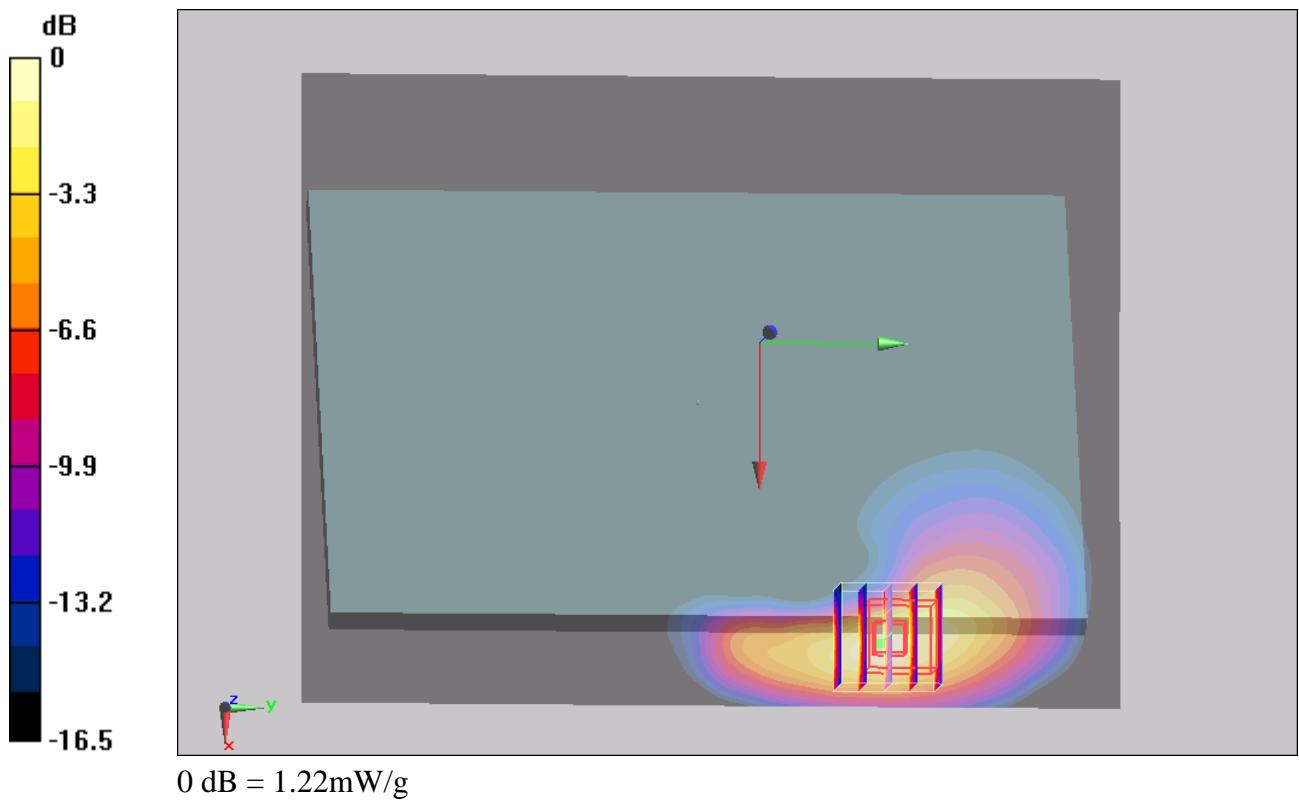
**Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.71 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 2.18 W/kg

**SAR(1 g) = 1 mW/g; SAR(10 g) = 0.493 mW/g**

Maximum value of SAR (measured) = 1.22 mW/g



**#116 LTE Band 17\_QPSK(1-49)\_10M\_Curved surface of Edge 1****\_Bottom Face tilted\_0cm\_Ch23780****DUT: 240709**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 709 \text{ MHz}$ ;  $\sigma = 0.934 \text{ mho/m}$ ;  $\epsilon_r = 55.2$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23780/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.26 mW/g

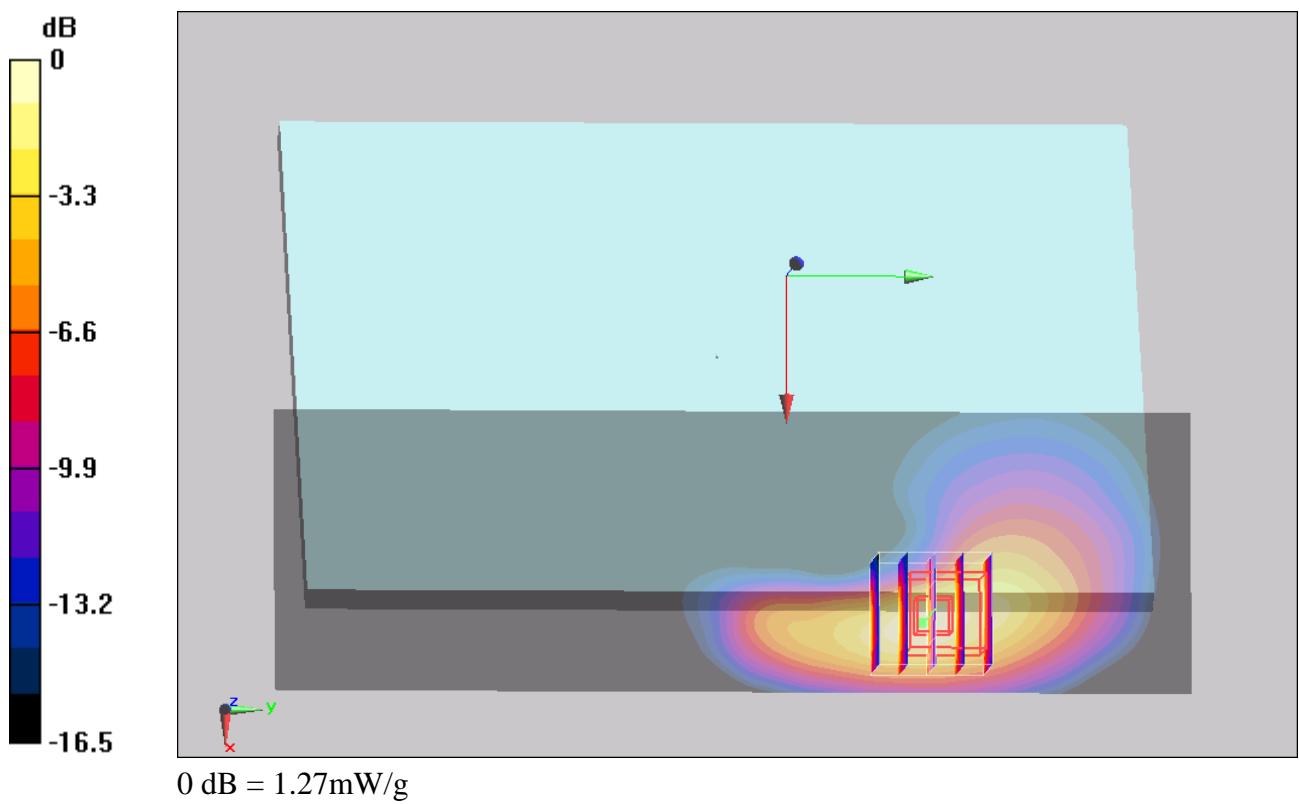
**Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.85 V/m; Power Drift = -0.0252 dB

Peak SAR (extrapolated) = 2.3 W/kg

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.523 mW/g**

Maximum value of SAR (measured) = 1.27 mW/g



**#117 LTE Band 17\_QPSK(1-49)\_10M\_Curved surface of Edge 1****\_Bottom Face tilted\_0cm\_Ch23790****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.935 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23790/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.17 mW/g

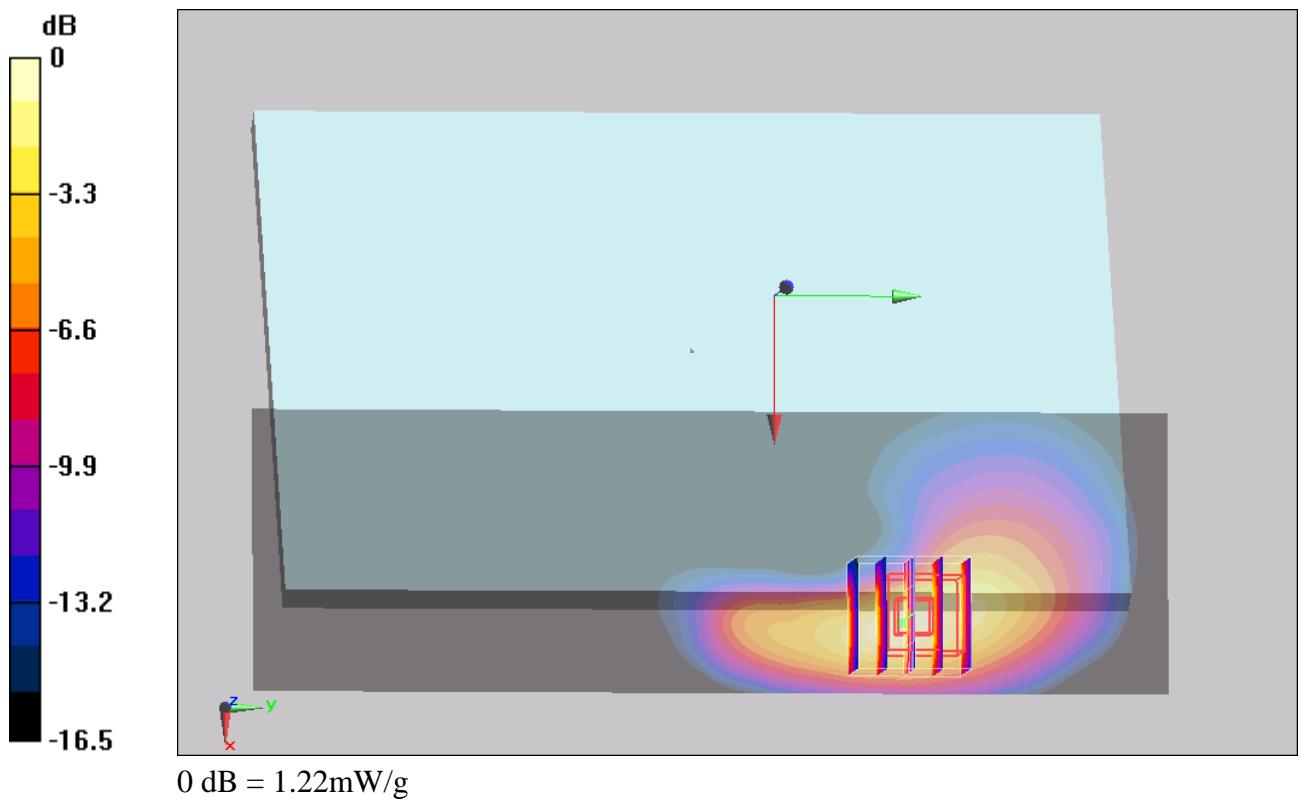
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.76 V/m; Power Drift = 0.161 dB

Peak SAR (extrapolated) = 2.24 W/kg

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.506 mW/g**

Maximum value of SAR (measured) = 1.22 mW/g



**#120 LTE Band 17\_16QAM(25-13)\_10M\_Curved surface of Edge 1****\_Bottom Face tilted\_0cm\_Ch23800****DUT: 240709**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.937 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23800/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.36 mW/g

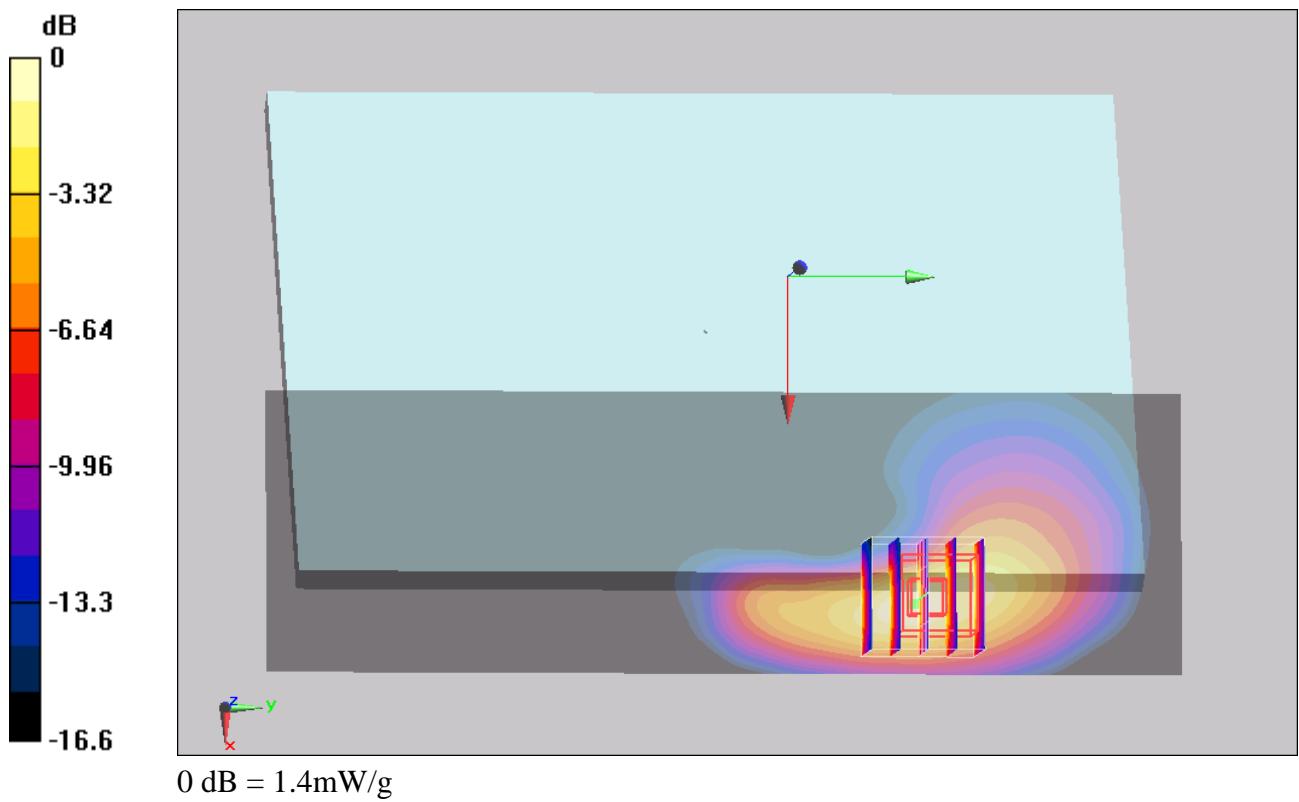
**Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.97 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 2.63 W/kg

**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.568 mW/g**

Maximum value of SAR (measured) = 1.4 mW/g



## #120 LTE Band 17\_16QAM(25-13)\_10M\_Curved surface of Edge 1

## \_Bottom Face tilted\_0cm\_Ch23800\_2D

**DUT: 240709**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.937 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23800/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm  
 Maximum value of SAR (interpolated) = 1.36 mW/g

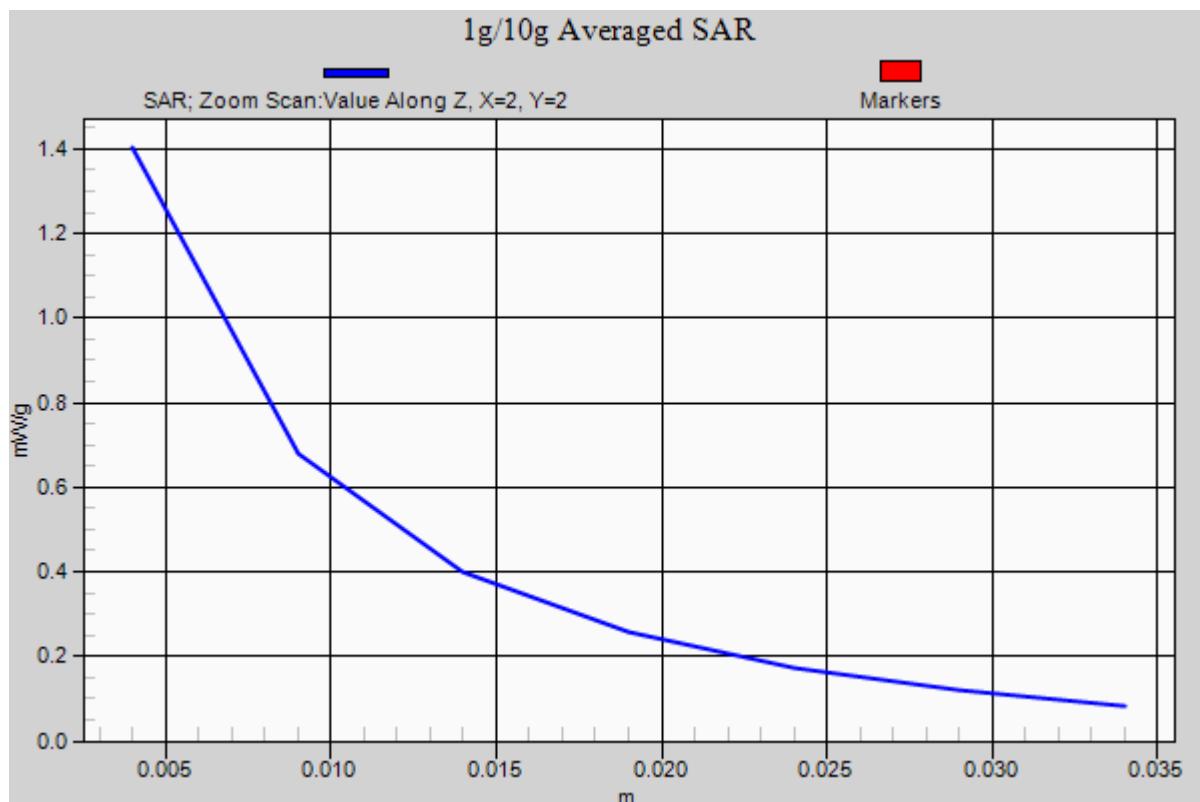
**Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.97 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 2.63 W/kg

**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.568 mW/g**

Maximum value of SAR (measured) = 1.4 mW/g



**#118 LTE Band 17\_16QAM(25-13)\_10M\_Curved surface of Edge 1****\_Bottom Face tilted\_0cm\_Ch23780****DUT: 240709**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 709 \text{ MHz}$ ;  $\sigma = 0.934 \text{ mho/m}$ ;  $\epsilon_r = 55.2$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23780/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.29 mW/g

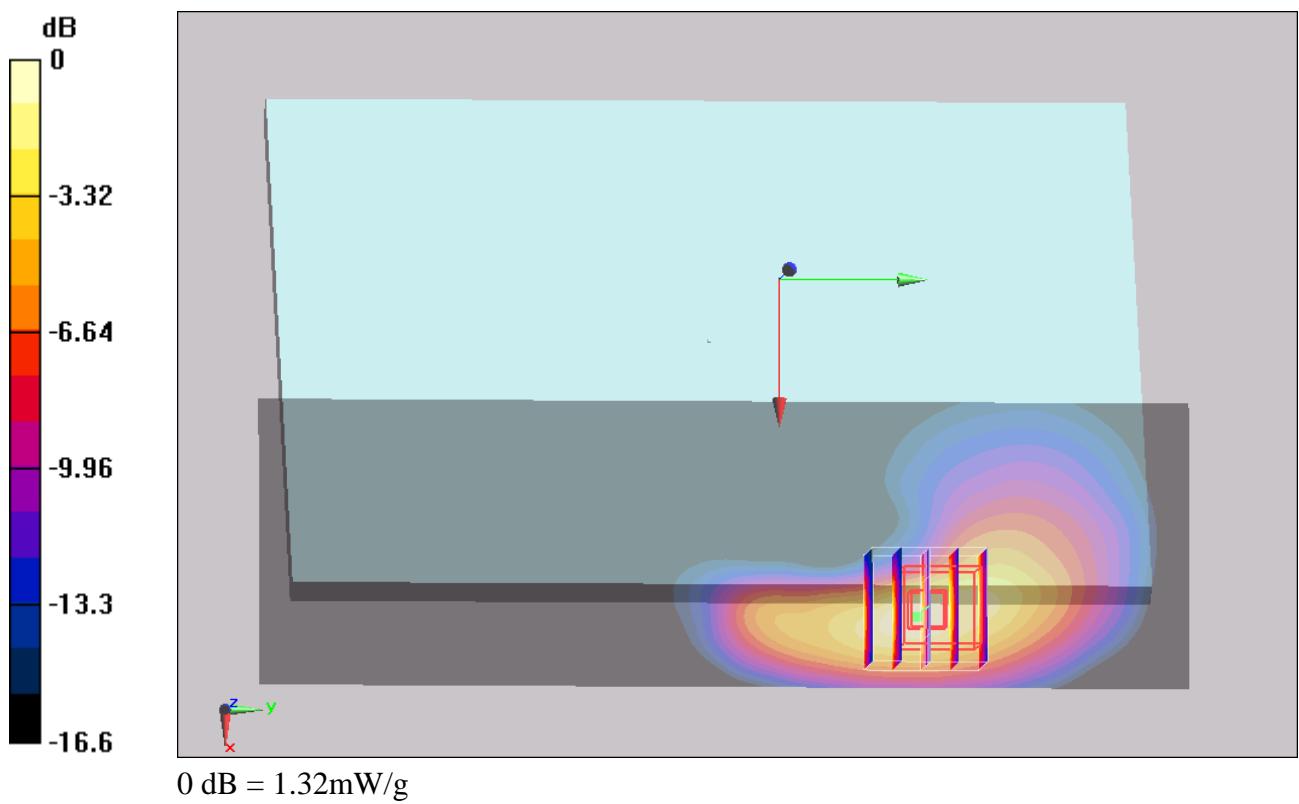
**Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.97 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 2.44 W/kg

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.532 mW/g**

Maximum value of SAR (measured) = 1.32 mW/g



**#119 LTE Band 17\_16QAM(25-13)\_10M\_Curved surface of Edge 1****\_Bottom Face tilted\_0cm\_Ch23790****DUT: 240709**

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_120816 Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.935 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch23790/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.33 mW/g

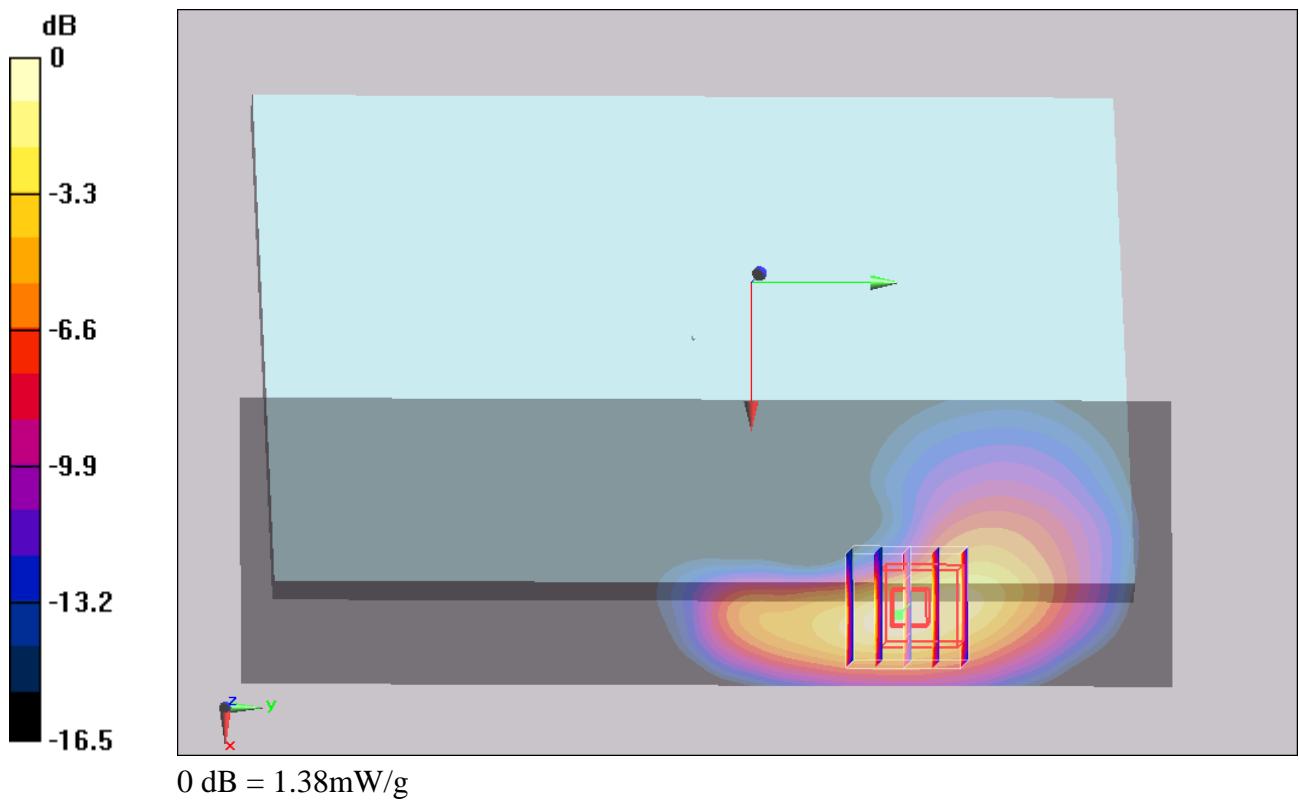
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.99 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.57 W/kg

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.557 mW/g**

Maximum value of SAR (measured) = 1.38 mW/g



**#61 LTE Band 4\_QPSK(50-25)\_20M\_Bottom Face\_1.1cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (101x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.523 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.03 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 0.725 W/kg

**SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.326 mW/g**

Maximum value of SAR (measured) = 0.562 mW/g

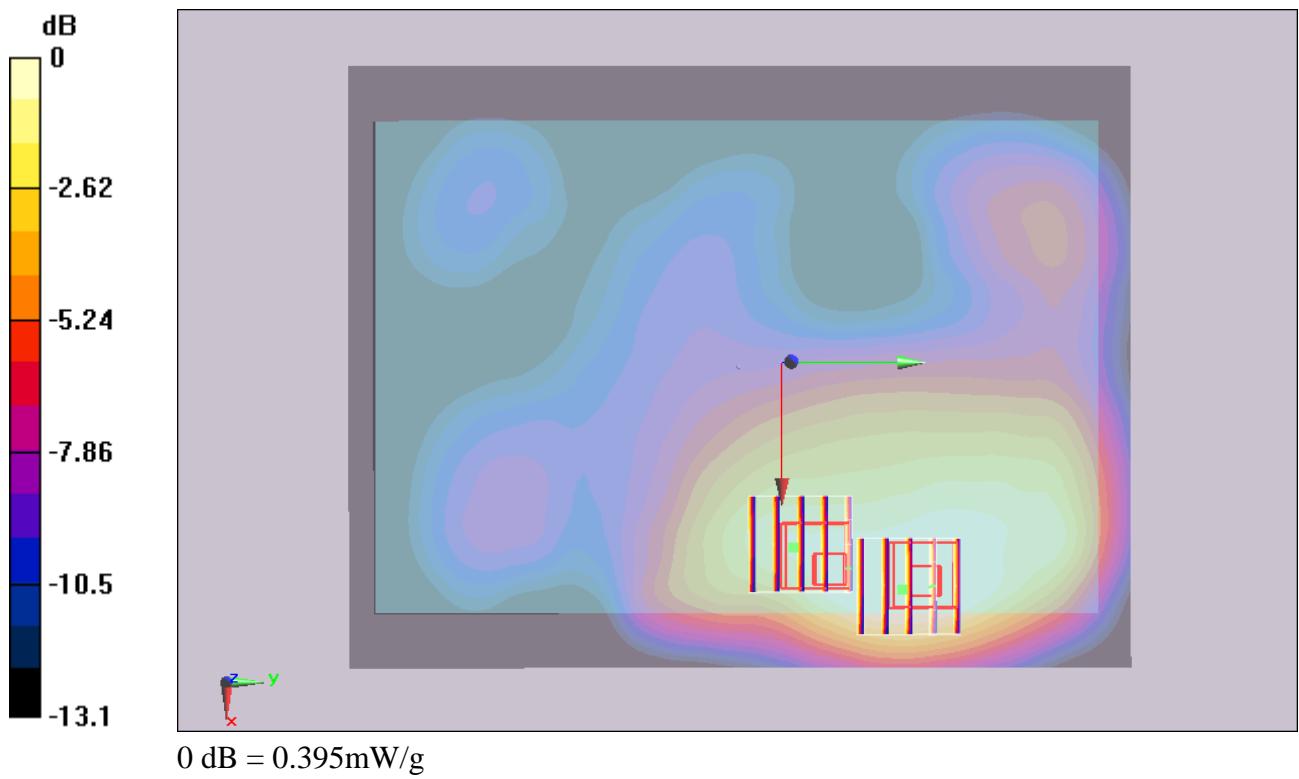
**Ch20175/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.03 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 0.518 W/kg

**SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.228 mW/g**

Maximum value of SAR (measured) = 0.395 mW/g



**#62 LTE Band 4\_QPSK(1-0)\_20M\_Bottom Face\_1.1cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.805 mW/g

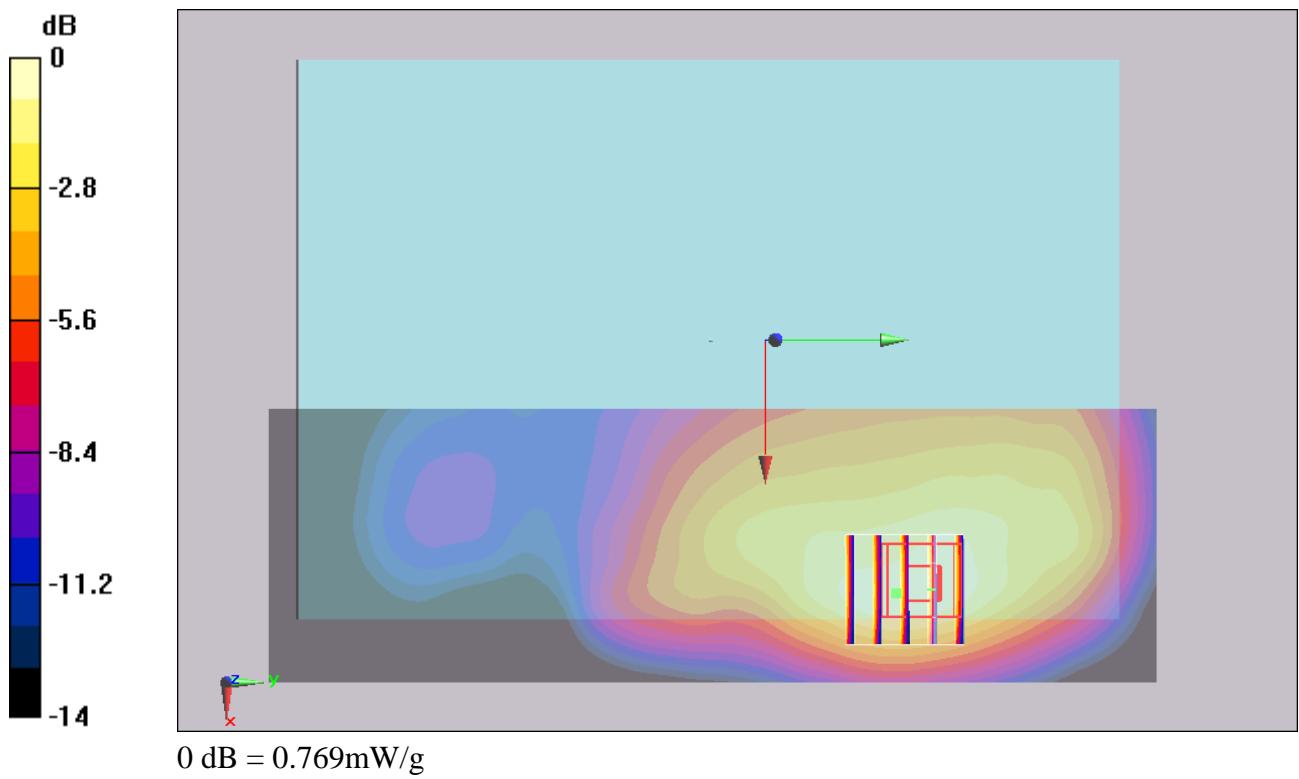
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.18 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.988 W/kg

**SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.447 mW/g**

Maximum value of SAR (measured) = 0.769 mW/g



0 dB = 0.769mW/g

**#63 LTE Band 4\_QPSK(1-99)\_20M\_Bottom Face\_1.1cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.741 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.52 V/m; Power Drift = -0.160 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.463 mW/g**

Maximum value of SAR (measured) = 0.795 mW/g

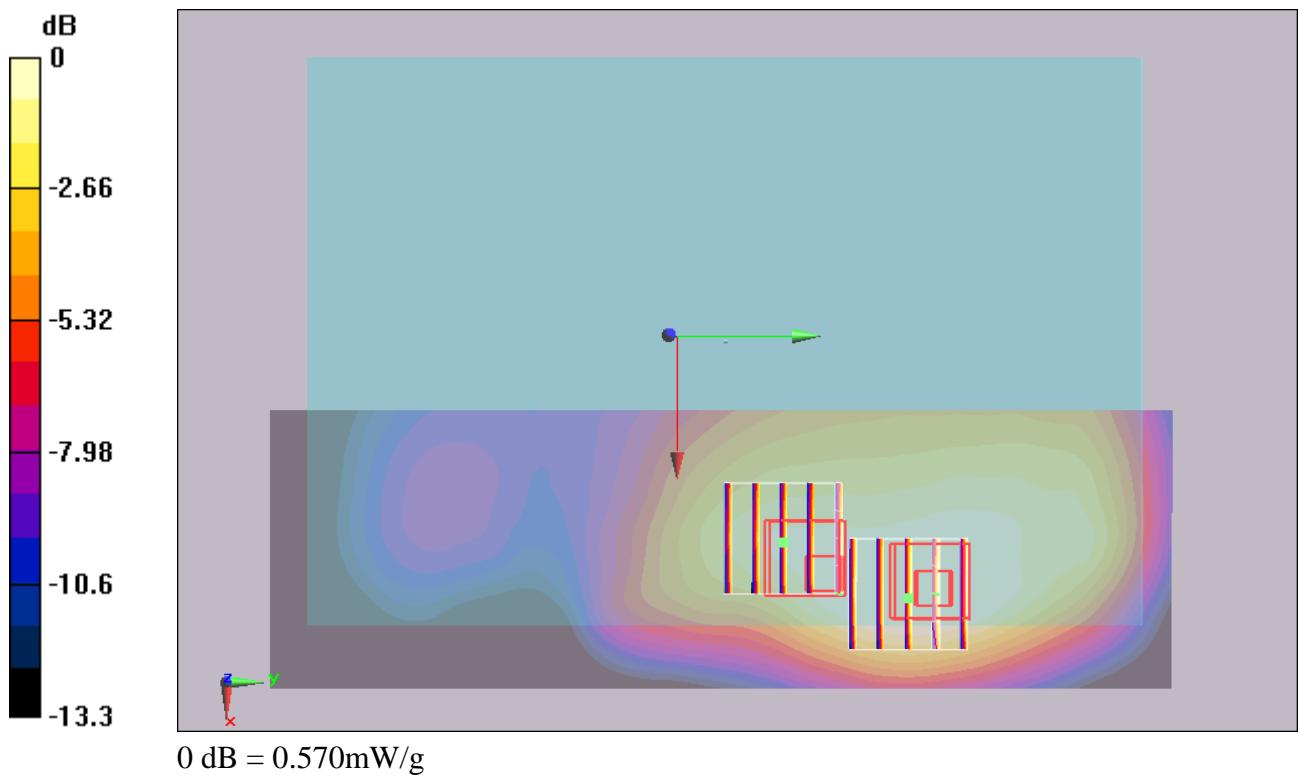
**Ch20175/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.52 V/m; Power Drift = -0.160 dB

Peak SAR (extrapolated) = 0.741 W/kg

**SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.327 mW/g**

Maximum value of SAR (measured) = 0.570 mW/g



**#70 LTE Band 4\_16QAM(50-25)\_20M\_Bottom Face\_1.1cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.416 mW/g

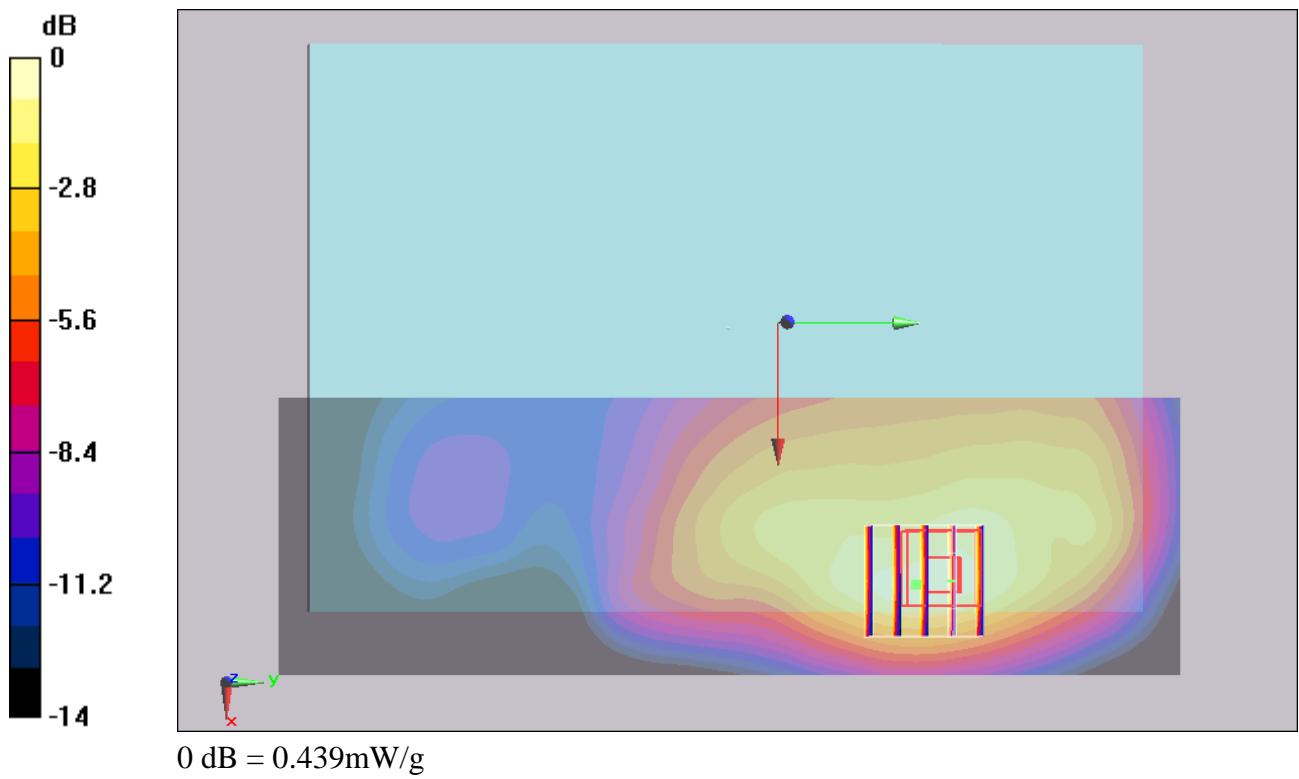
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.23 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.567 W/kg

**SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.255 mW/g**

Maximum value of SAR (measured) = 0.439 mW/g



**#71 LTE Band 4\_16QAM(1-0)\_20M\_Bottom Face\_1.1cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.581 mW/g

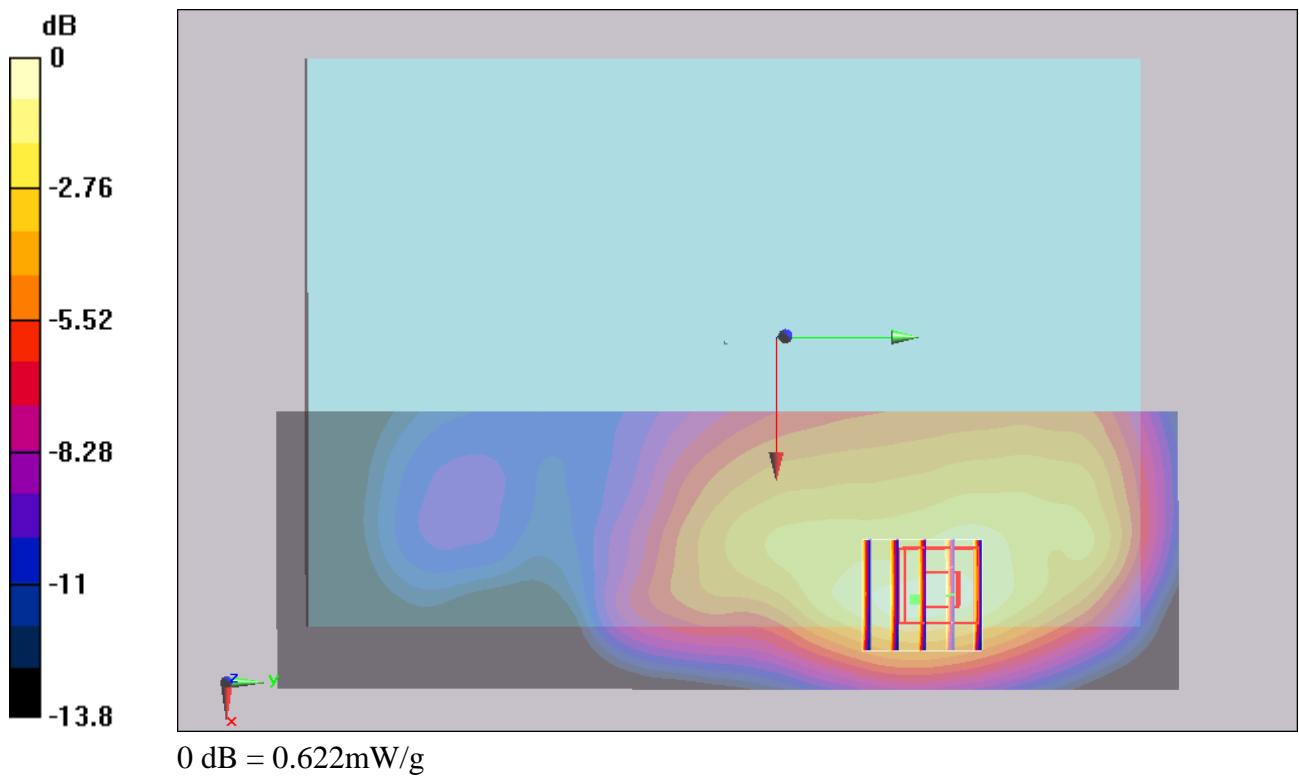
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.32 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.809 W/kg

**SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.358 mW/g**

Maximum value of SAR (measured) = 0.622 mW/g



**#72 LTE Band 4\_16QAM(1-99)\_20M\_Bottom Face\_1.1cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.605 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.61 V/m; Power Drift = 0.00531 dB

Peak SAR (extrapolated) = 0.811 W/kg

**SAR(1 g) = 0.578 mW/g; SAR(10 g) = 0.368 mW/g**

Maximum value of SAR (measured) = 0.624 mW/g

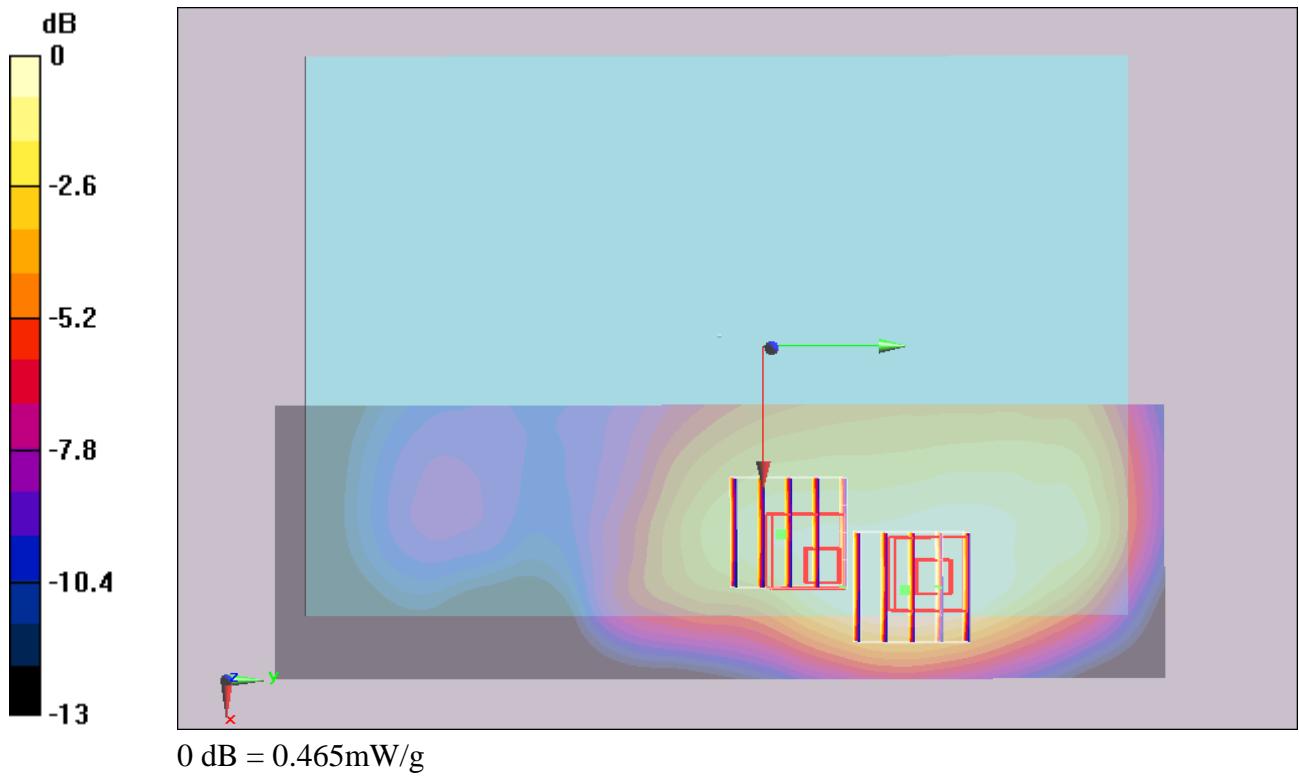
**Ch20175/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.61 V/m; Power Drift = 0.00531 dB

Peak SAR (extrapolated) = 0.608 W/kg

**SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.264 mW/g**

Maximum value of SAR (measured) = 0.465 mW/g



**#64 LTE Band 4\_QPSK(50-25)\_20M\_Edge 1\_0.9cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.590 mW/g

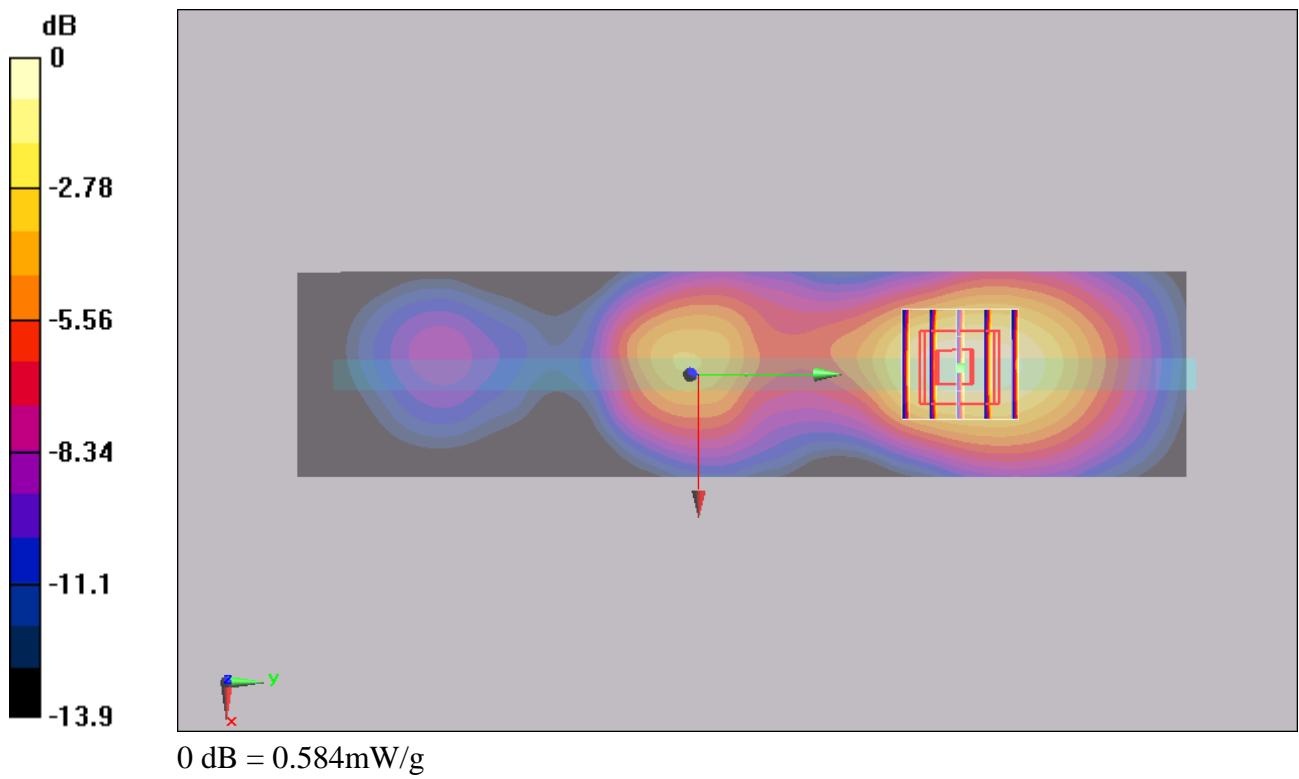
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 0.777 W/kg

**SAR(1 g) = 0.535 mW/g; SAR(10 g) = 0.326 mW/g**

Maximum value of SAR (measured) = 0.584 mW/g



**#65 LTE Band 4\_QPSK(1-0)\_20M\_Edge 1\_0.9cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.827 mW/g

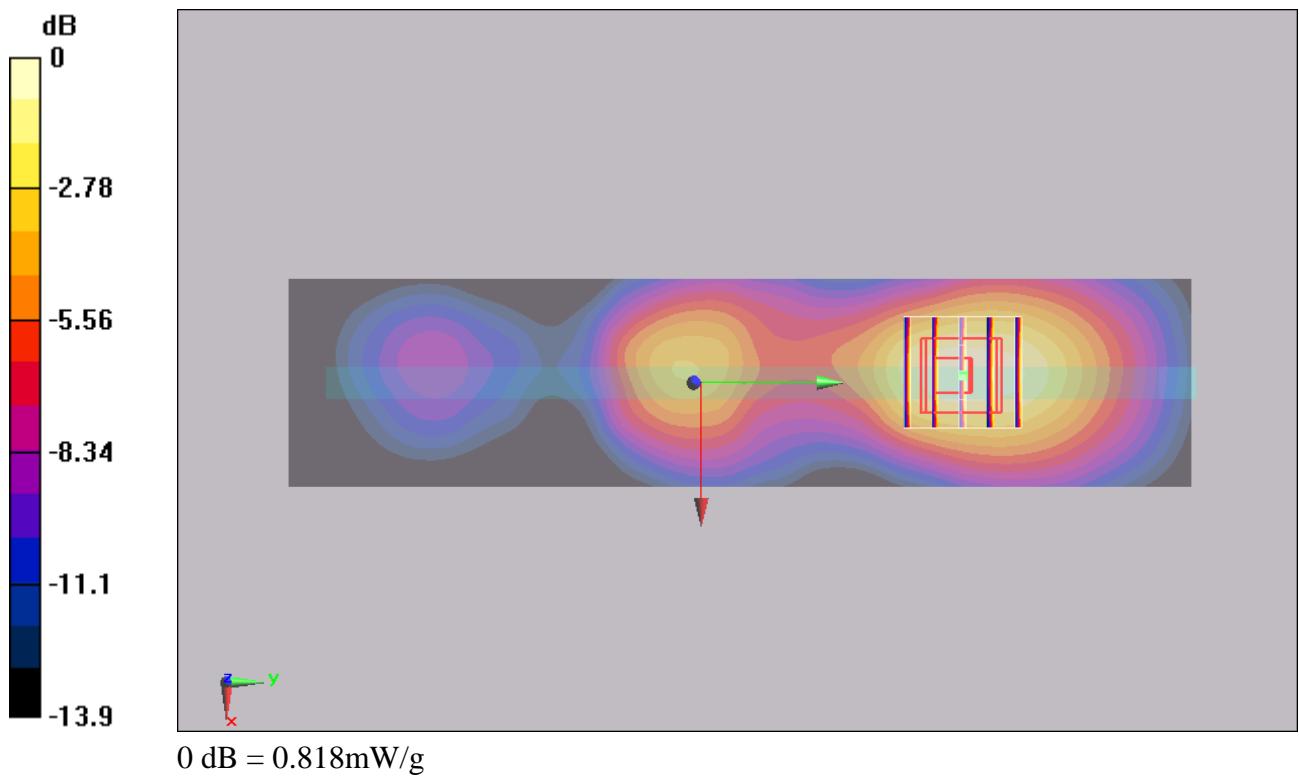
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.8 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.464 mW/g**

Maximum value of SAR (measured) = 0.818 mW/g



**#66 LTE Band 4\_QPSK(1-99)\_20M\_Edge 1\_0.9cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.842 mW/g

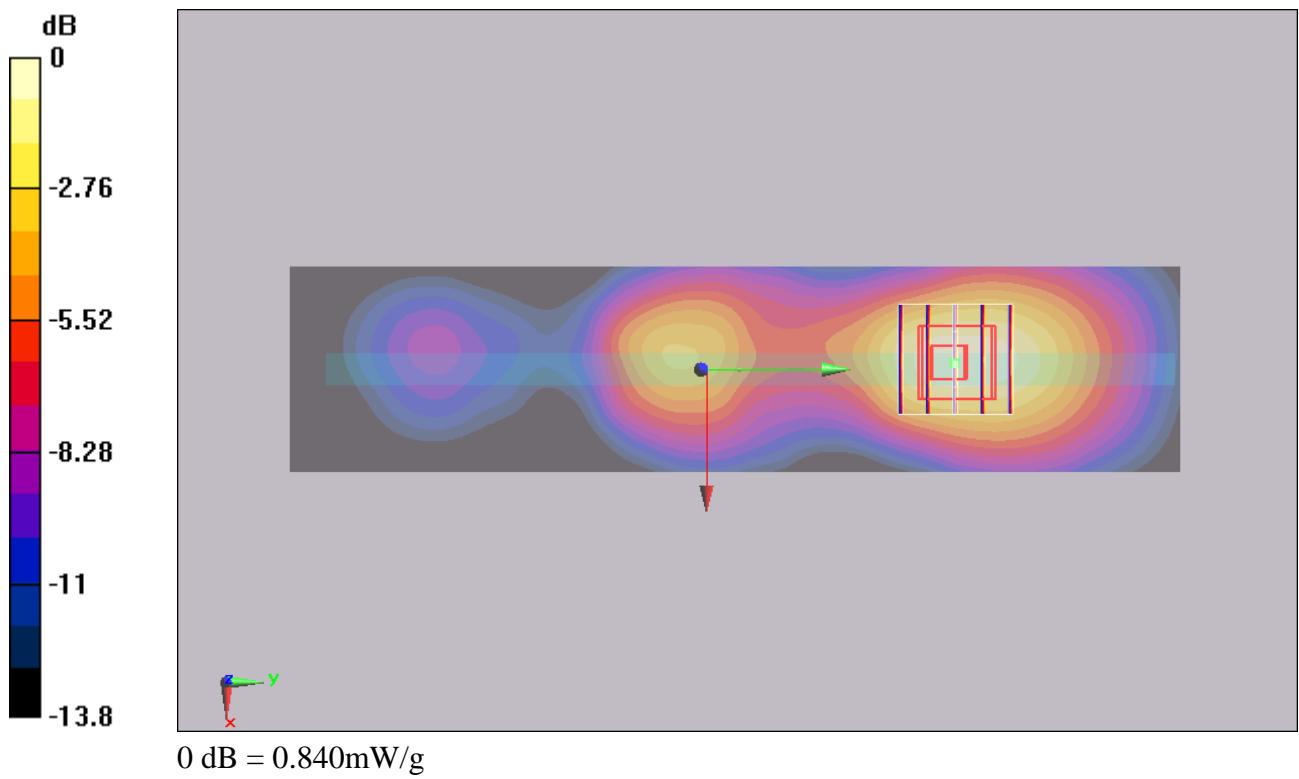
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = 0.122 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.471 mW/g**

Maximum value of SAR (measured) = 0.840 mW/g



## #66 LTE Band 4\_QPSK(1-99)\_20M\_Edge 1\_0.9cm\_Ch20175\_2D

**DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.842 mW/g

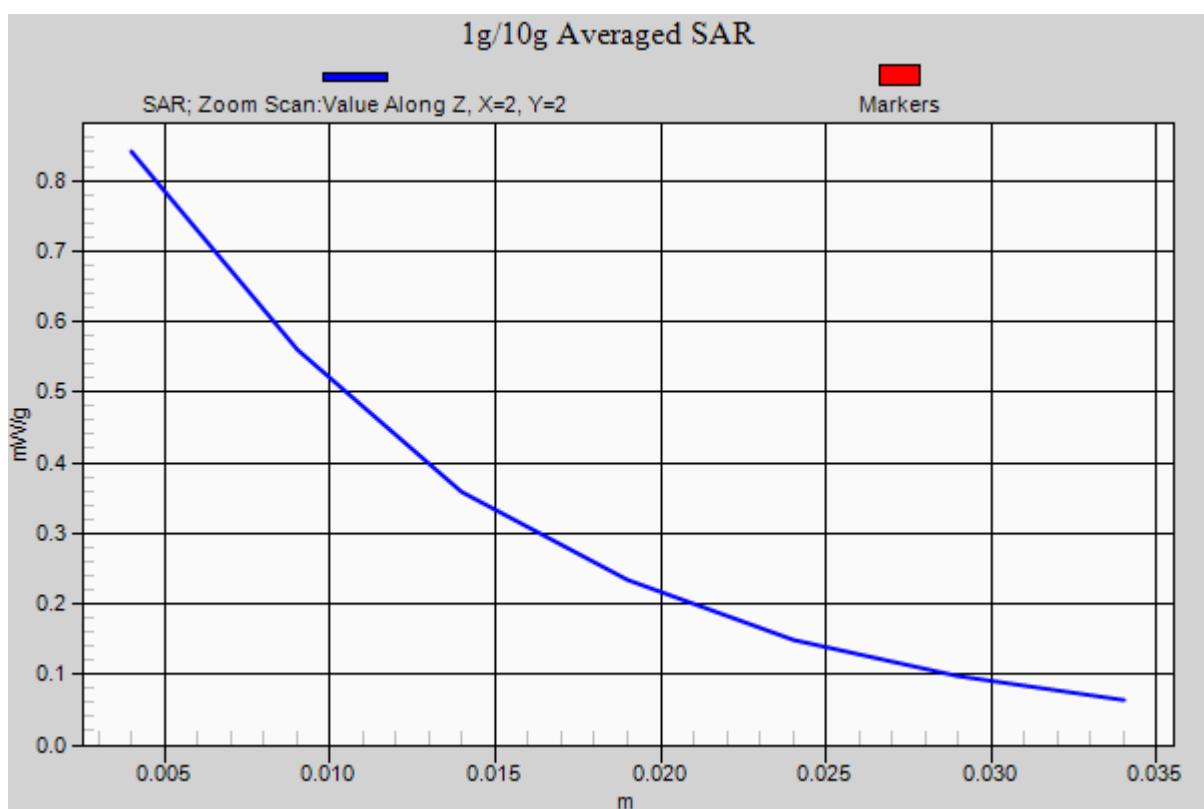
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = 0.122 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.471 mW/g**

Maximum value of SAR (measured) = 0.840 mW/g



**#73 LTE Band 4\_16QAM(50-25)\_20M\_Edge 1\_0.9cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.457 mW/g

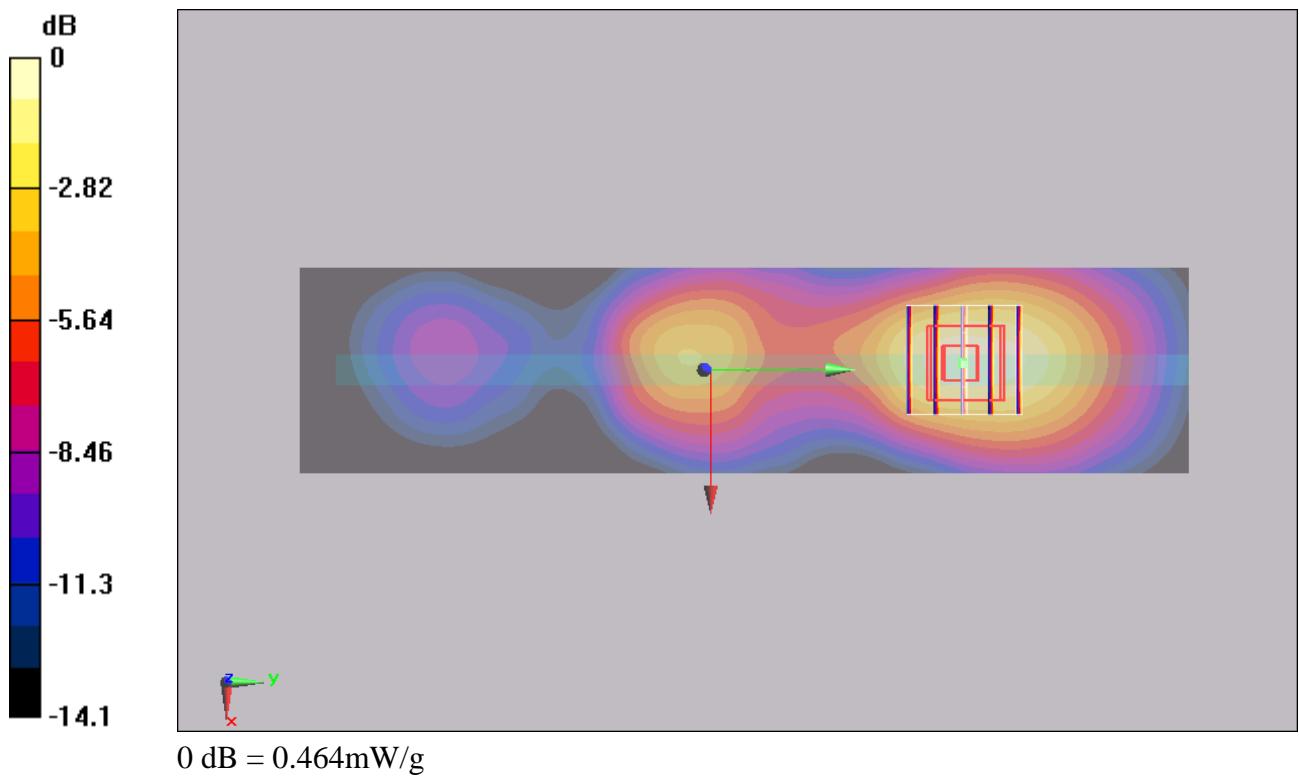
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = 0.095 dB

Peak SAR (extrapolated) = 0.609 W/kg

**SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.258 mW/g**

Maximum value of SAR (measured) = 0.464 mW/g



**#74 LTE Band 4\_16QAM(1-0)\_20M\_Edge 1\_0.9cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.683 mW/g

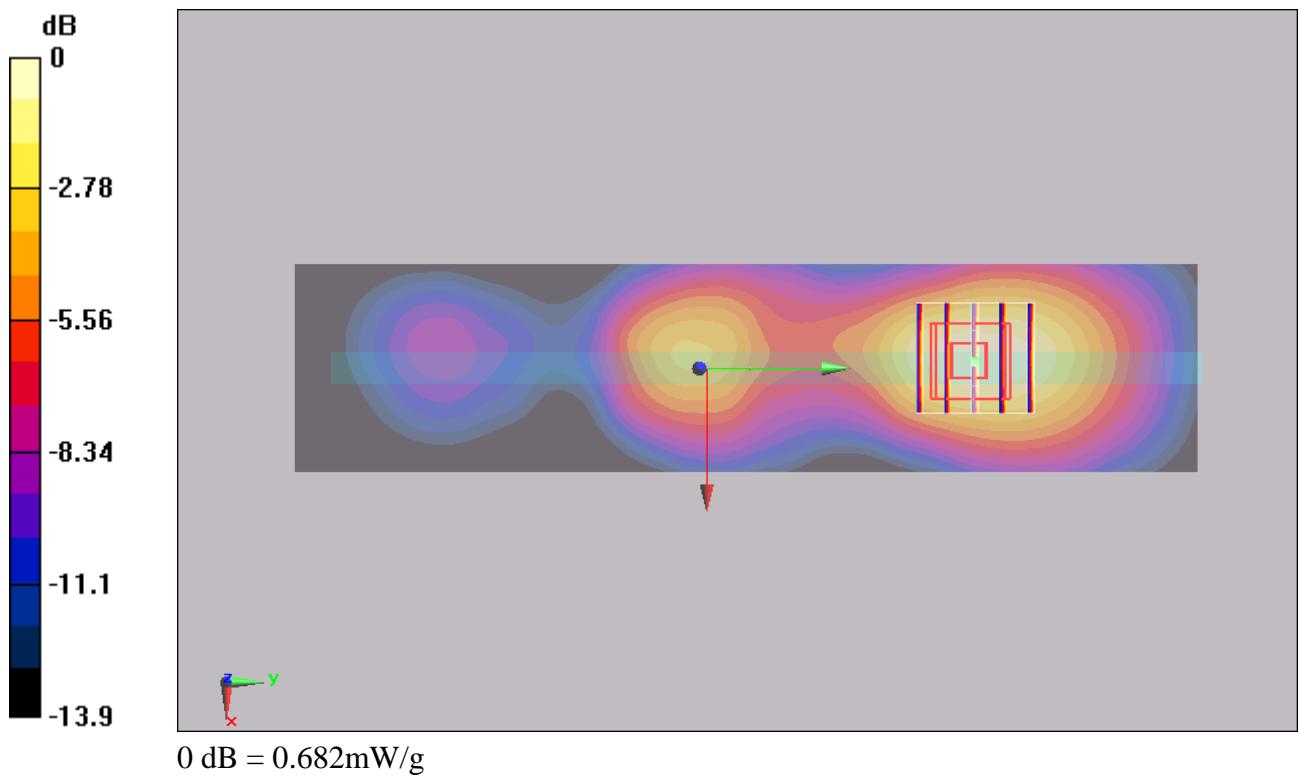
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.910 W/kg

**SAR(1 g) = 0.629 mW/g; SAR(10 g) = 0.384 mW/g**

Maximum value of SAR (measured) = 0.682 mW/g



**#75 LTE Band 4\_16QAM(1-99)\_20M\_Edge 1\_0.9cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.679 mW/g

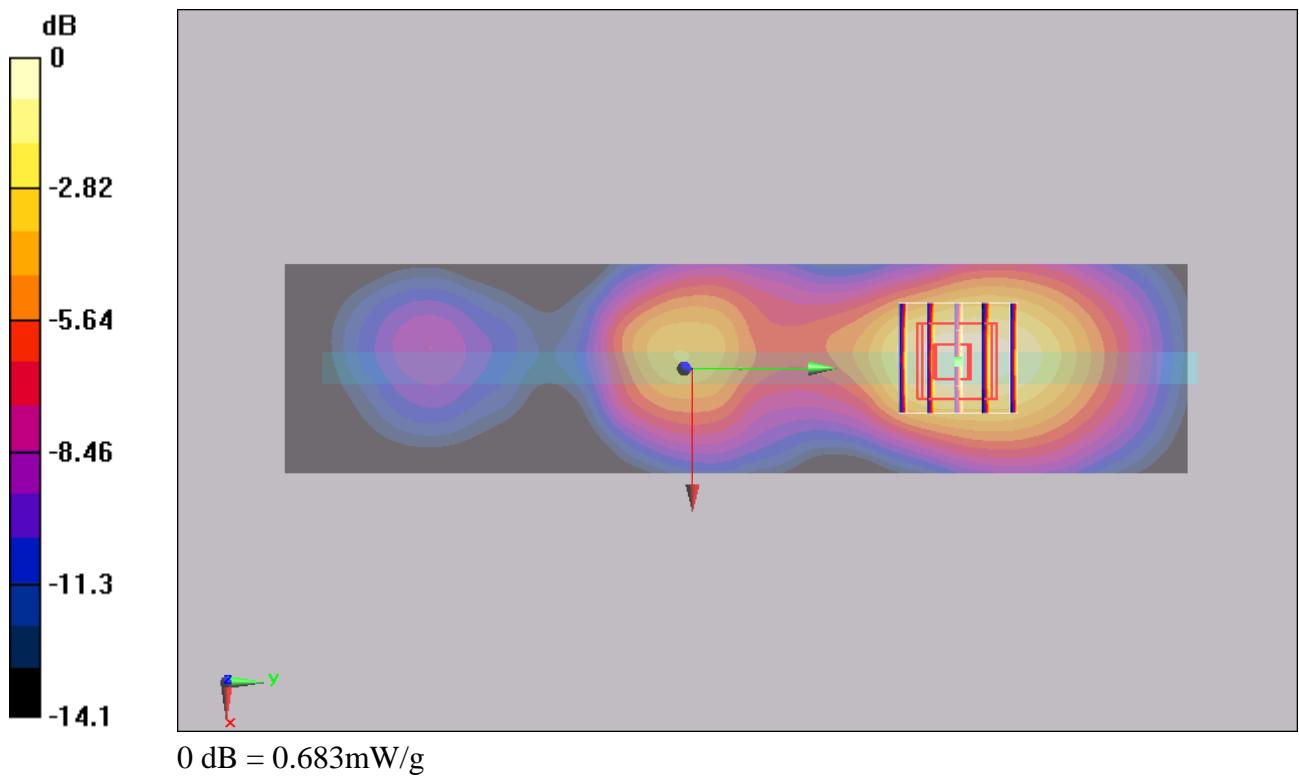
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = 0.160 dB

Peak SAR (extrapolated) = 0.897 W/kg

**SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.380 mW/g**

Maximum value of SAR (measured) = 0.683 mW/g



**#67 LTE Band 4\_QPSK(50-25)\_20M\_Edge 2\_0cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (31x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.266 mW/g

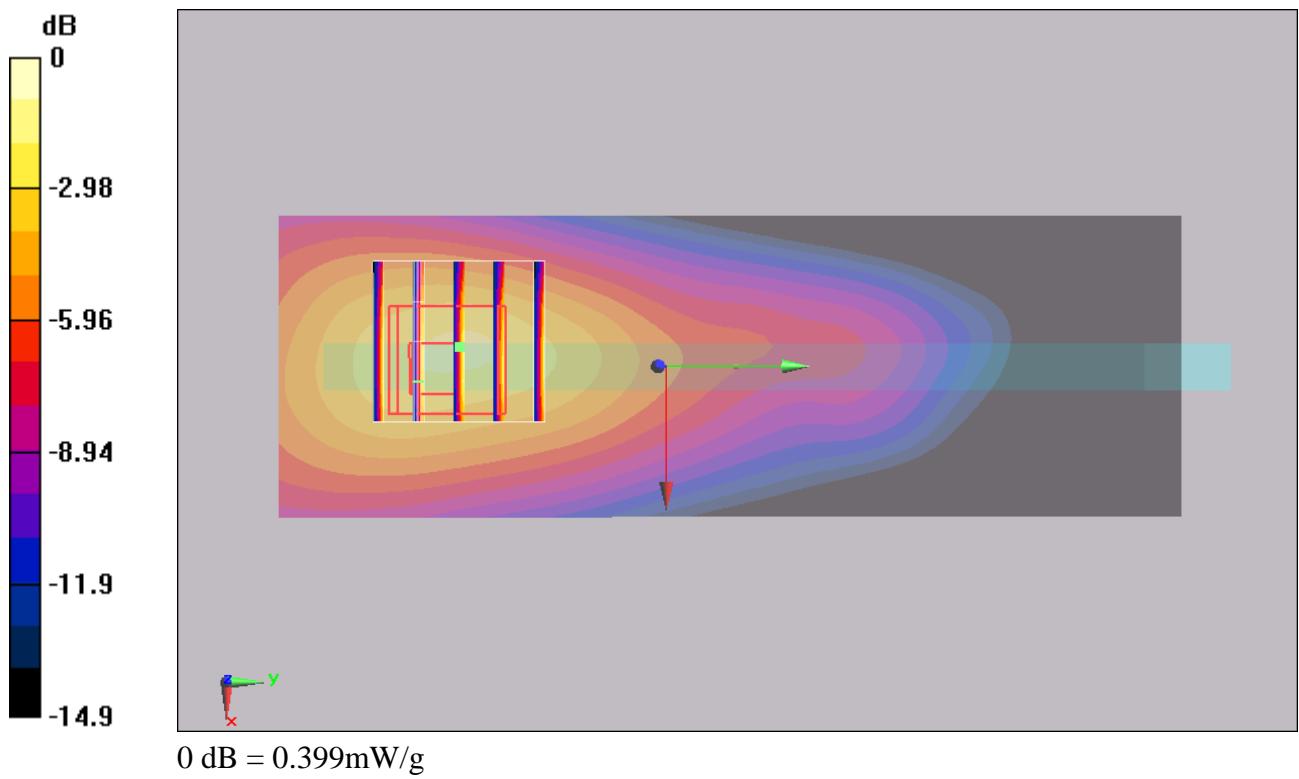
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.88 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.612 W/kg

**SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.192 mW/g**

Maximum value of SAR (measured) = 0.399 mW/g



**#68 LTE Band 4\_QPSK(1-0)\_20M\_Edge 2\_0cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (31x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.365 mW/g

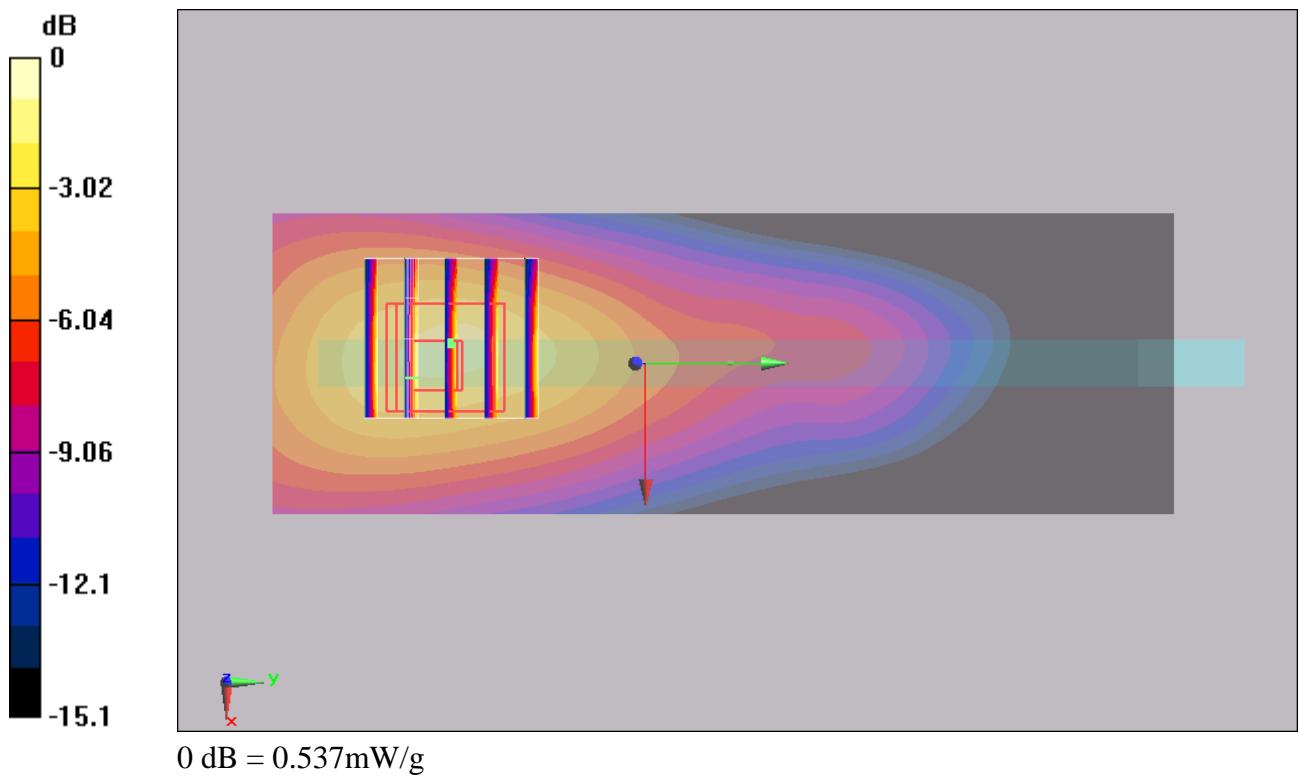
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.821 W/kg

**SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.262 mW/g**

Maximum value of SAR (measured) = 0.537 mW/g



**#69 LTE Band 4\_QPSK(1-99)\_20M\_Edge 2\_0cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (31x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.405 mW/g

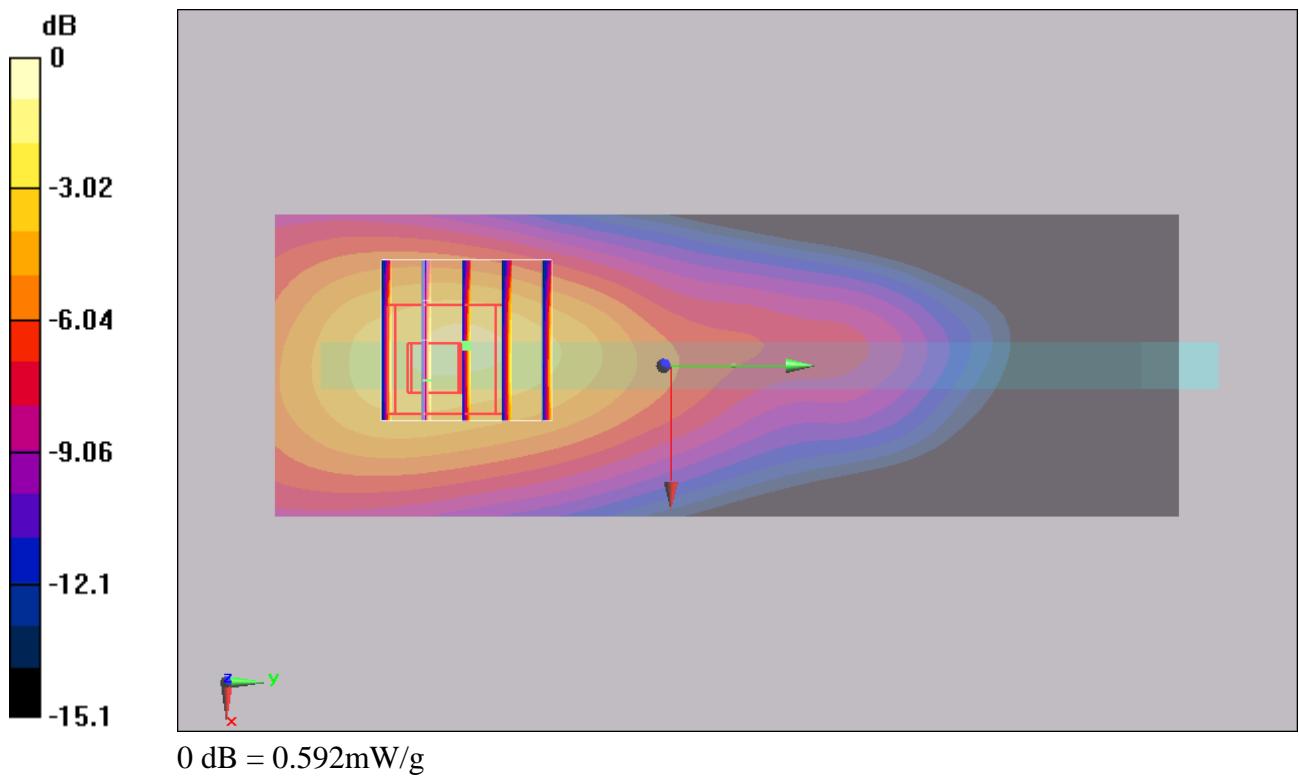
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.1 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 0.930 W/kg

**SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.287 mW/g**

Maximum value of SAR (measured) = 0.592 mW/g



**#76 LTE Band 4\_16QAM(50-25)\_20M\_Edge 2\_0cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (31x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.210 mW/g

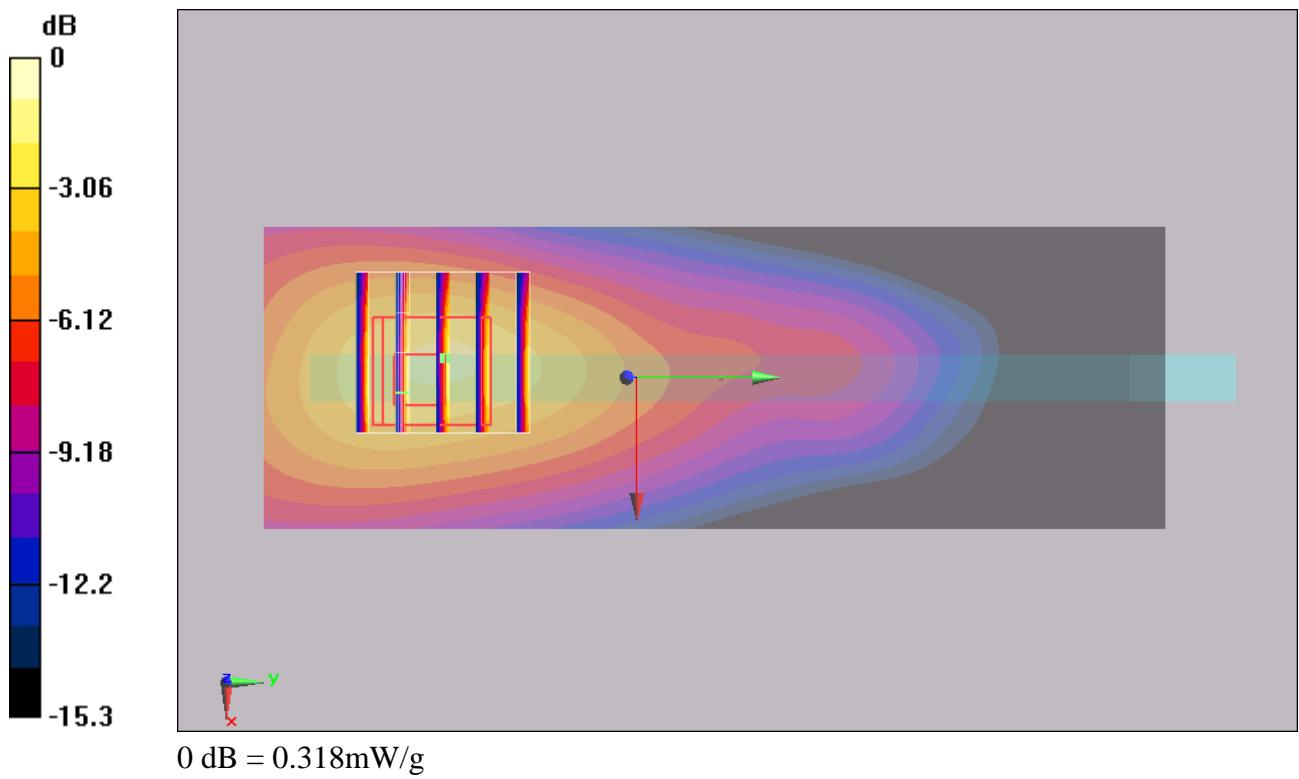
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.78 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.504 W/kg

**SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.153 mW/g**

Maximum value of SAR (measured) = 0.318 mW/g



**#77 LTE Band 4\_16QAM(1-0)\_20M\_Edge 2\_0cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (31x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.298 mW/g

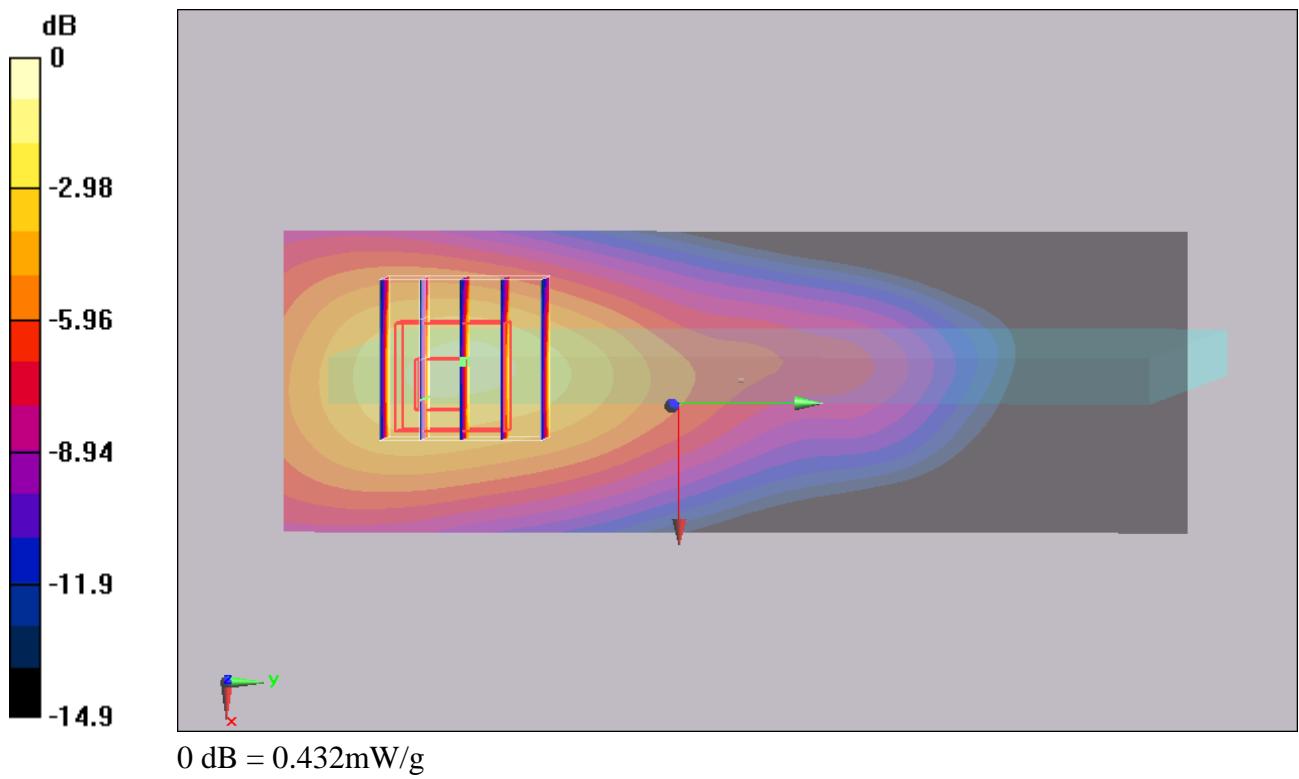
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.657 W/kg

**SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.210 mW/g**

Maximum value of SAR (measured) = 0.432 mW/g



**#78 LTE Band 4\_16QAM(1-99)\_20M\_Edge 2\_0cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (31x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.318 mW/g

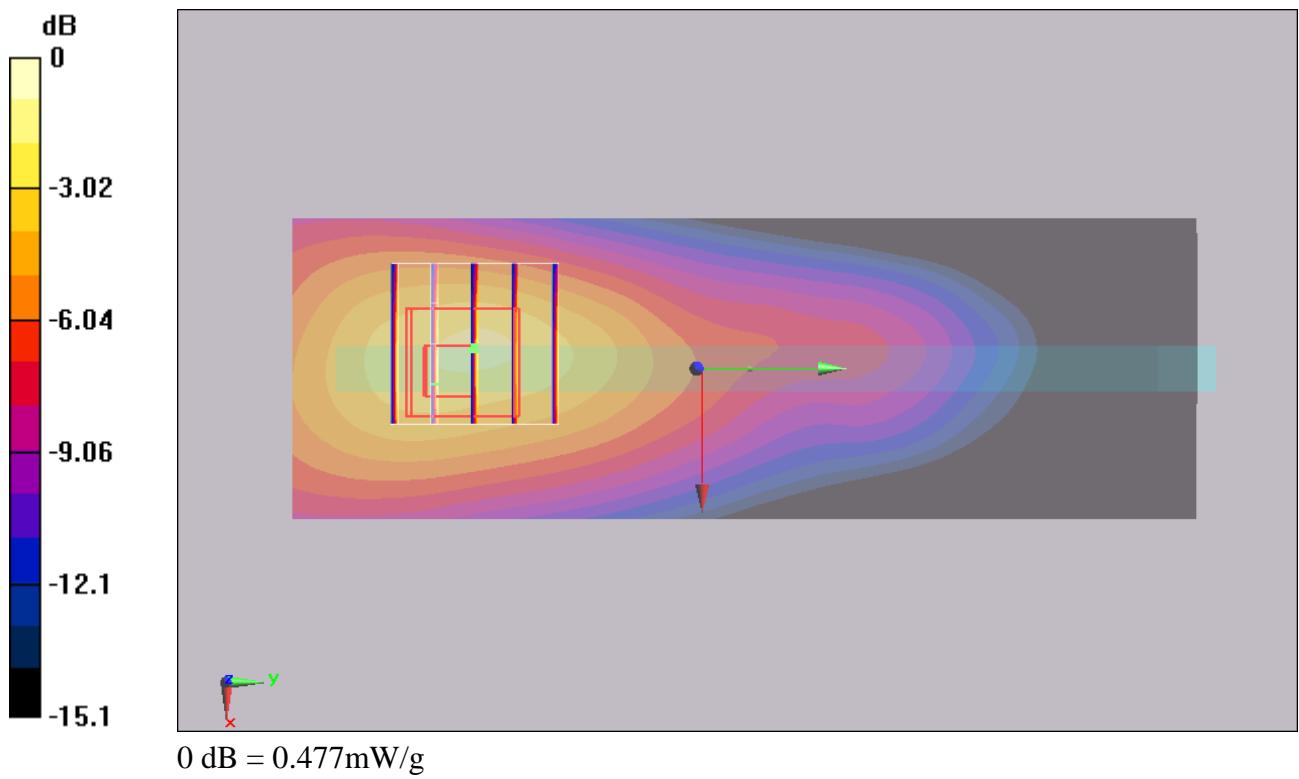
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 0.728 W/kg

**SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.231 mW/g**

Maximum value of SAR (measured) = 0.477 mW/g



**#79 LTE Band 4\_QPSK(50-25)\_20M\_Bottom Face\_0cm\_Ch20050****DUT: 240709**

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120726 Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20050/Area Scan (101x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.13 mW/g

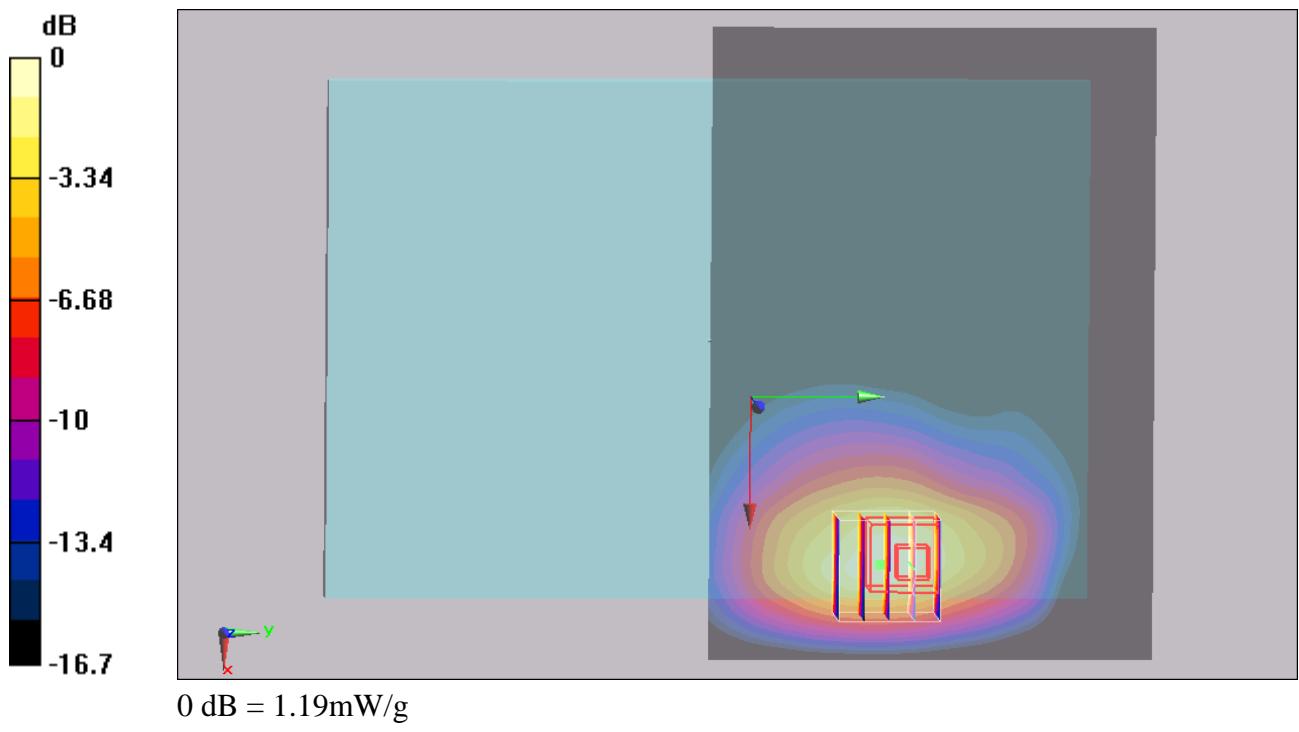
**Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.92 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 1.6 W/kg

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.649 mW/g**

Maximum value of SAR (measured) = 1.19 mW/g



**#80 LTE Band 4\_QPSK(50-25)\_20M\_Bottom Face\_0cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120726 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 51.8$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (101x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.993 mW/g

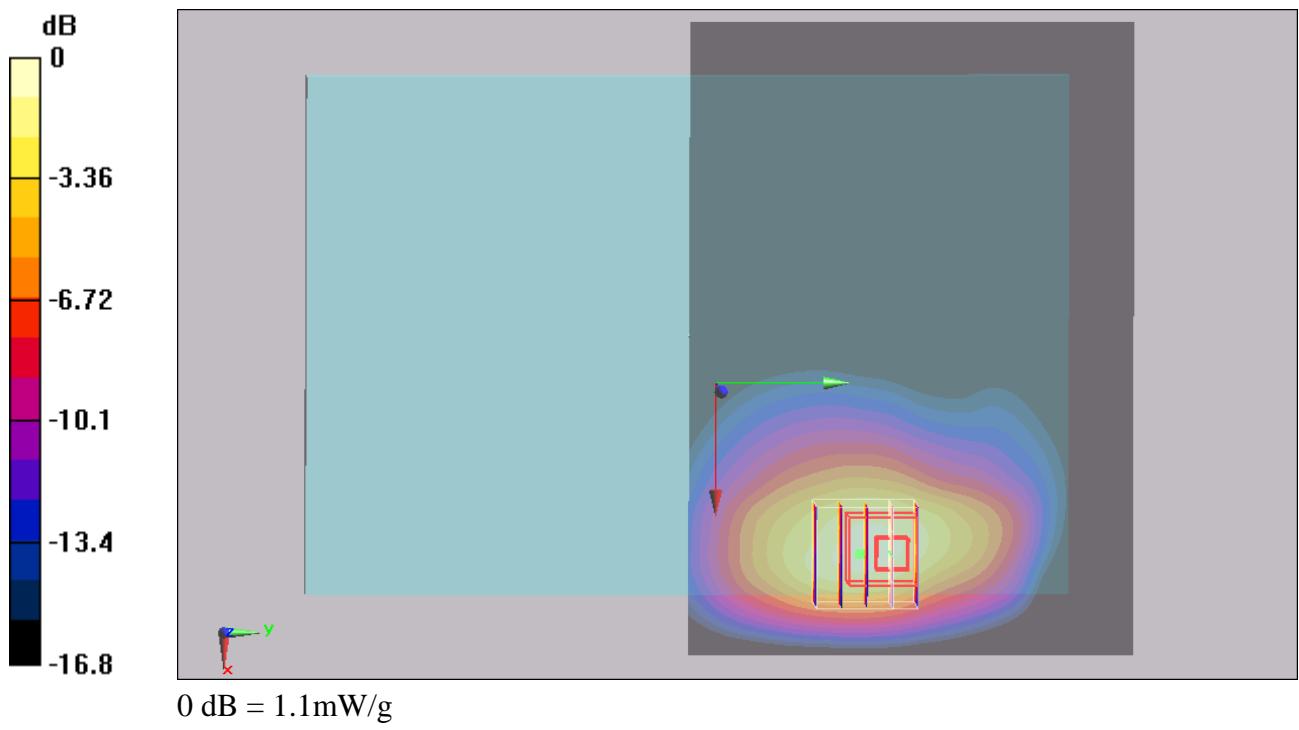
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.97 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.608 mW/g**

Maximum value of SAR (measured) = 1.1 mW/g



**#81 LTE Band 4\_QPSK(50-25)\_20M\_Bottom Face\_0cm\_Ch20300****DUT: 240709**

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120726 Medium parameters used:  $f = 1745 \text{ MHz}$ ;  $\sigma = 1.54 \text{ mho/m}$ ;  $\epsilon_r = 51.8$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20300/Area Scan (101x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.04 mW/g

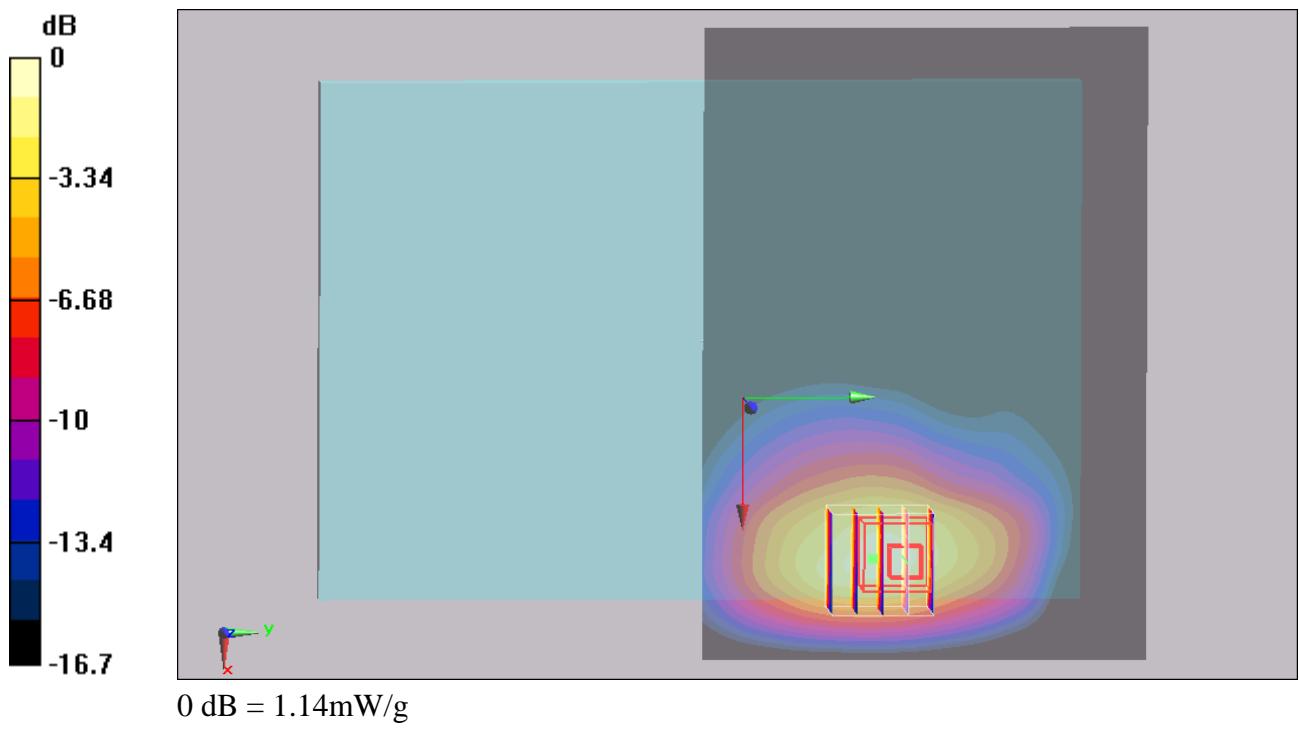
**Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.16 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.626 mW/g**

Maximum value of SAR (measured) = 1.14 mW/g



**#82 LTE Band 4\_QPSK(1-0)\_20M\_Bottom Face\_0cm\_Ch20050****DUT: 240709**

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120726 Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20050/Area Scan (101x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.964 mW/g

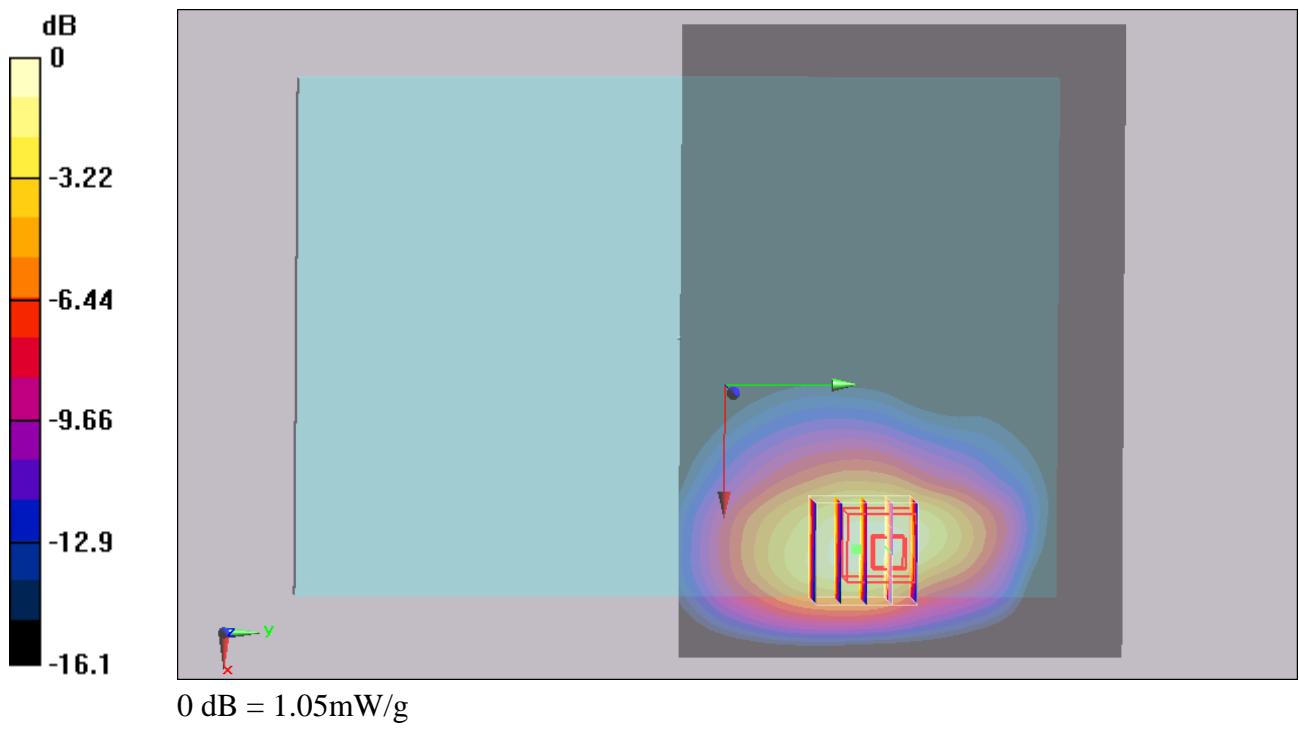
**Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.75 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 0.992 mW/g; SAR(10 g) = 0.590 mW/g**

Maximum value of SAR (measured) = 1.05 mW/g



**#83 LTE Band 4\_QPSK(1-99)\_20M\_Bottom Face\_0cm\_Ch20050****DUT: 240709**

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120726 Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20050/Area Scan (101x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.967 mW/g

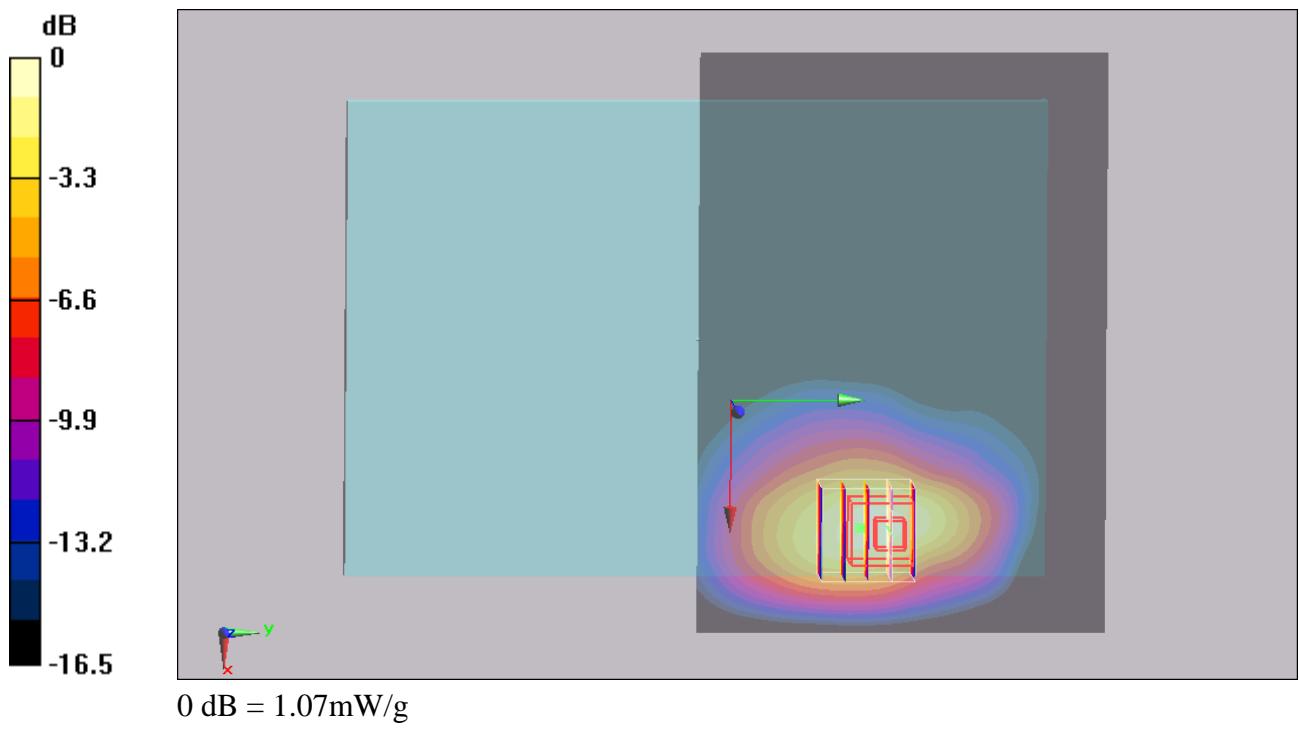
**Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.13 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.56 W/kg

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.613 mW/g**

Maximum value of SAR (measured) = 1.07 mW/g



**#87 LTE Band 4\_16QAM(50-25)\_20M\_Bottom Face\_0cm\_Ch20050****DUT: 240709**

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120821 Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.48 \text{ mho/m}$ ;  $\epsilon_r = 52.2$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.71, 7.71, 7.71); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20050/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.03 mW/g

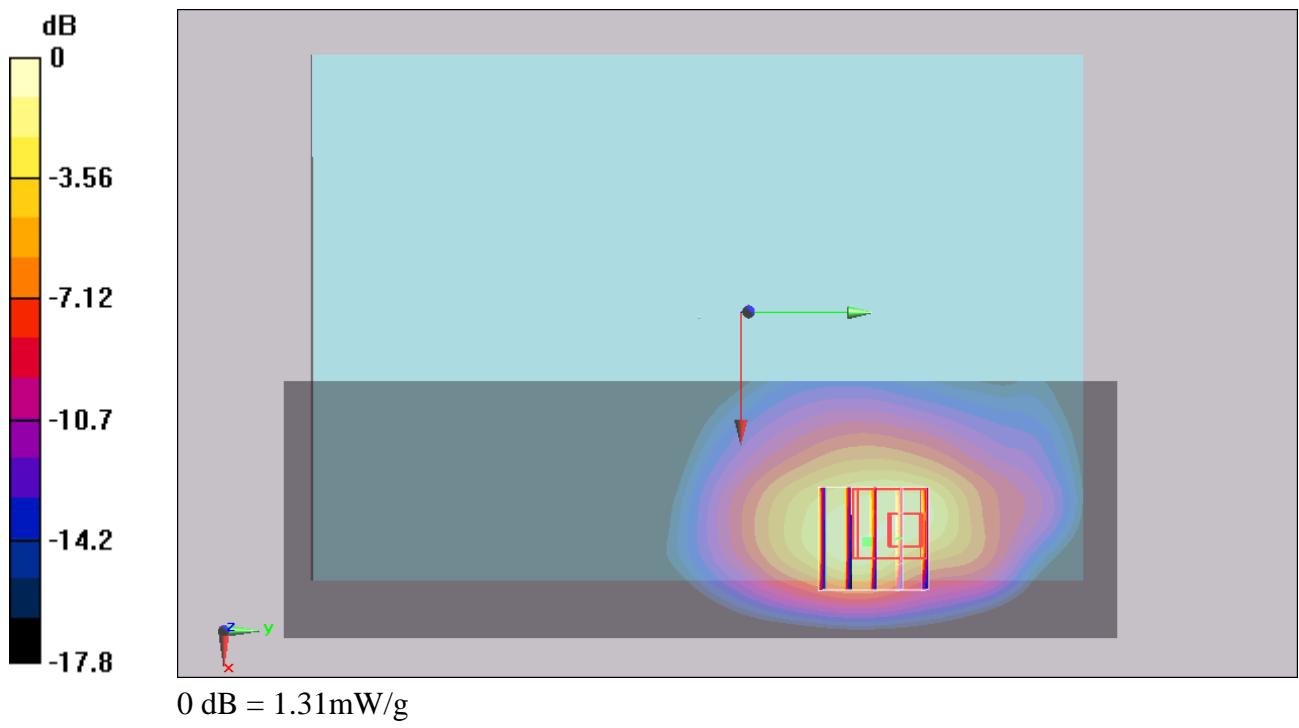
**Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.6 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 1.96 W/kg

**SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.691 mW/g**

Maximum value of SAR (measured) = 1.31 mW/g



**#87 LTE Band 4\_16QAM(50-25)\_20M\_Bottom Face\_0cm\_Ch20050\_2D****DUT: 240709**

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120821 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.2$ ; $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.71, 7.71, 7.71); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20050/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.03 mW/g

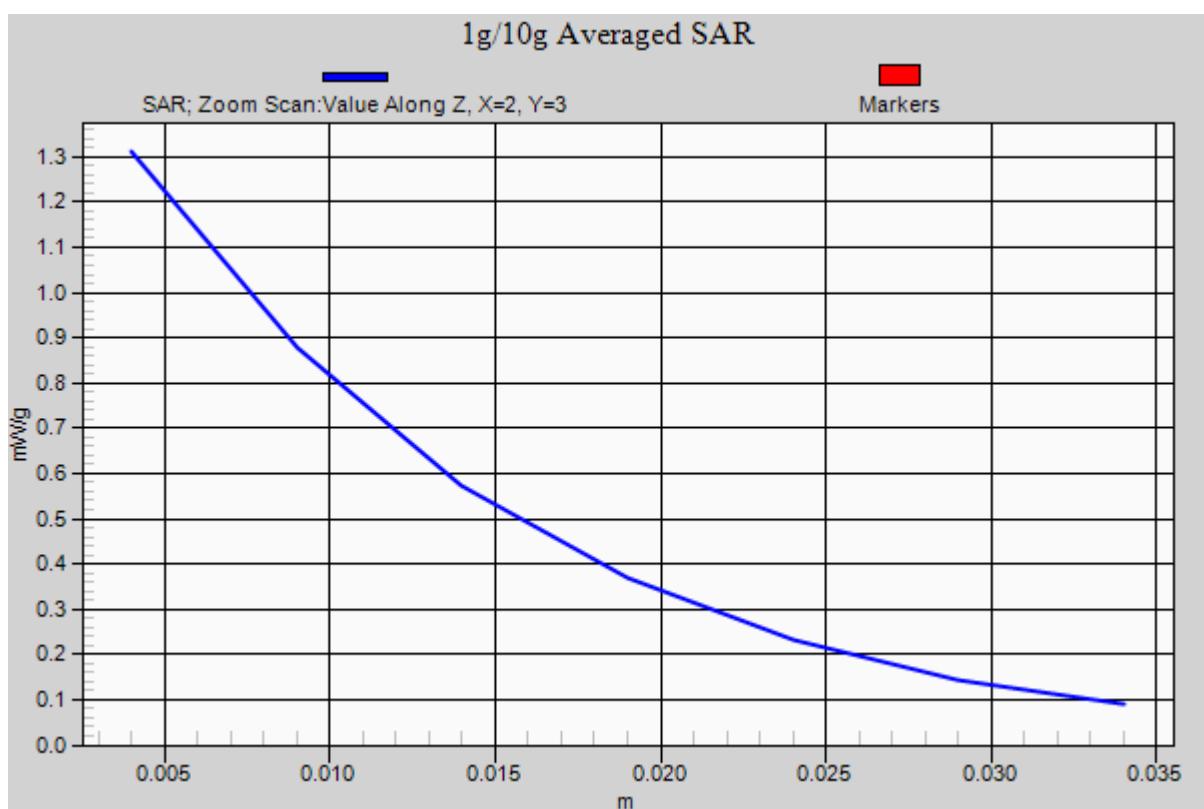
**Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.6 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 1.96 W/kg

**SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.691 mW/g**

Maximum value of SAR (measured) = 1.31 mW/g



**#88 LTE Band 4\_16QAM(1-0)\_20M\_Bottom Face\_0cm\_Ch20050****DUT: 240709**

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120726 Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20050/Area Scan (101x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.927 mW/g

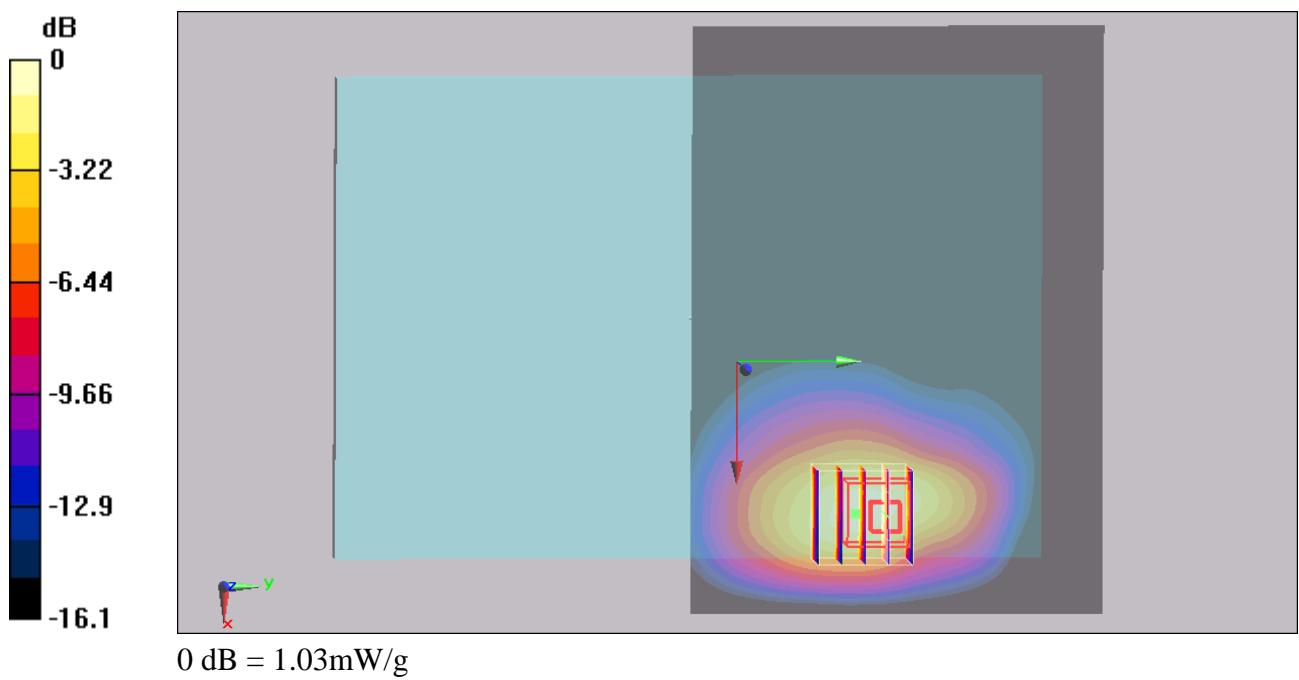
**Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.29 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.968 mW/g; SAR(10 g) = 0.575 mW/g**

Maximum value of SAR (measured) = 1.03 mW/g



**#89 LTE Band 4\_16QAM(1-99)\_20M\_Bottom Face\_0cm\_Ch20050****DUT: 240709**

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120726 Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20050/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.988 mW/g

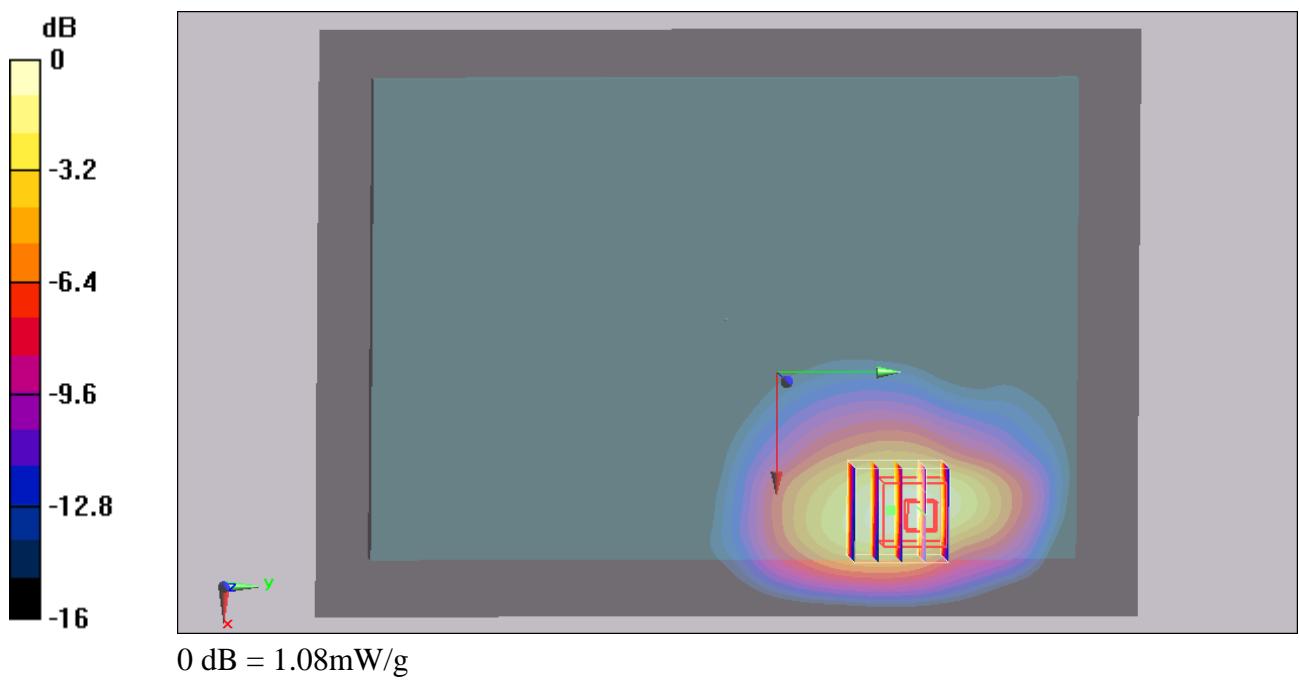
**Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.95 V/m; Power Drift = 0.141 dB

Peak SAR (extrapolated) = 1.56 W/kg

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.622 mW/g**

Maximum value of SAR (measured) = 1.08 mW/g



**#84 LTE Band 4\_QPSK(50-25)\_20M\_Edge 1\_0cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120726 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 51.8$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.463 mW/g

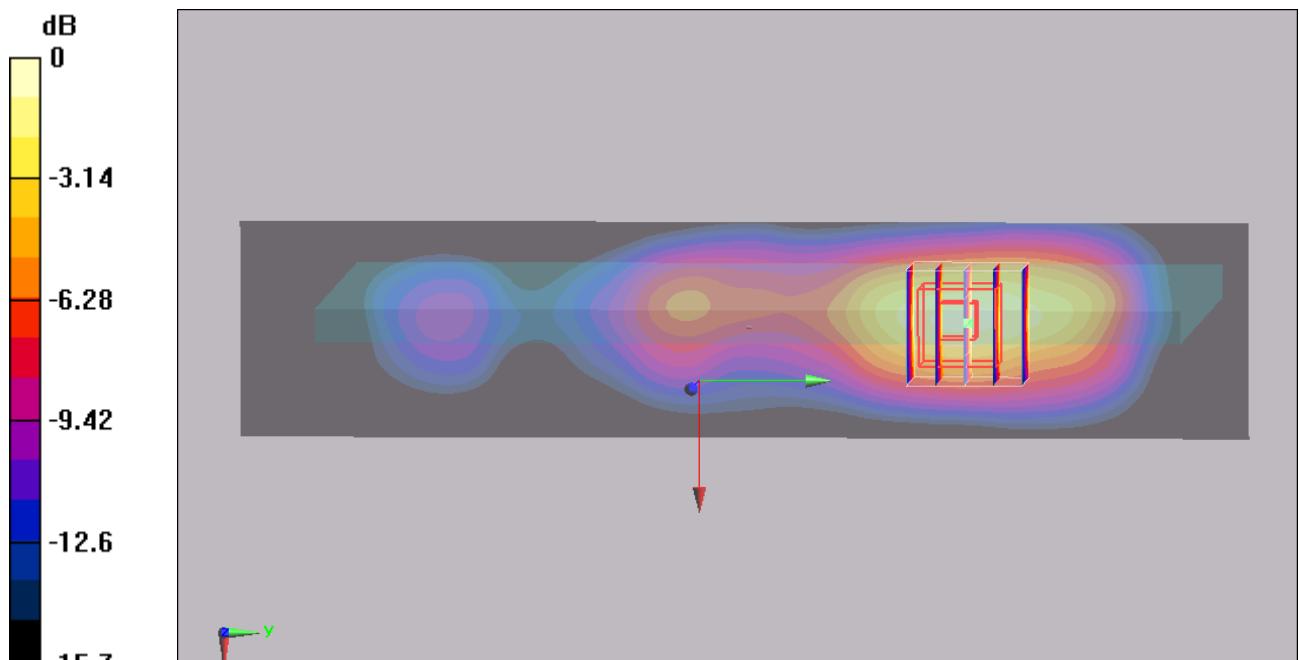
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.64 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.839 W/kg

**SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.245 mW/g**

Maximum value of SAR (measured) = 0.552 mW/g



0 dB = 0.552mW/g

**#85 LTE Band 4\_QPSK(1-0)\_20M\_Edge 1\_0cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120726 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 51.8$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.426 mW/g

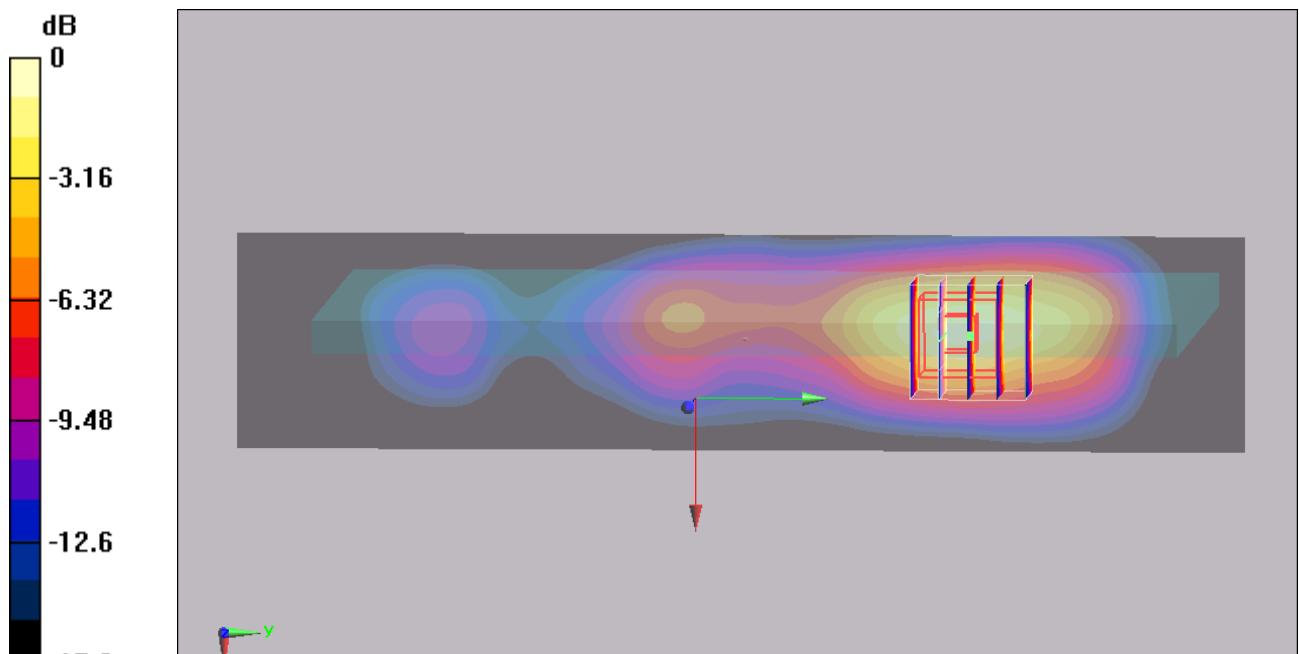
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.38 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.767 W/kg

**SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.227 mW/g**

Maximum value of SAR (measured) = 0.510 mW/g



0 dB = 0.510mW/g

**#86 LTE Band 4\_QPSK(1-99)\_20M\_Edge 1\_0cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120726 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 51.8$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.387 mW/g

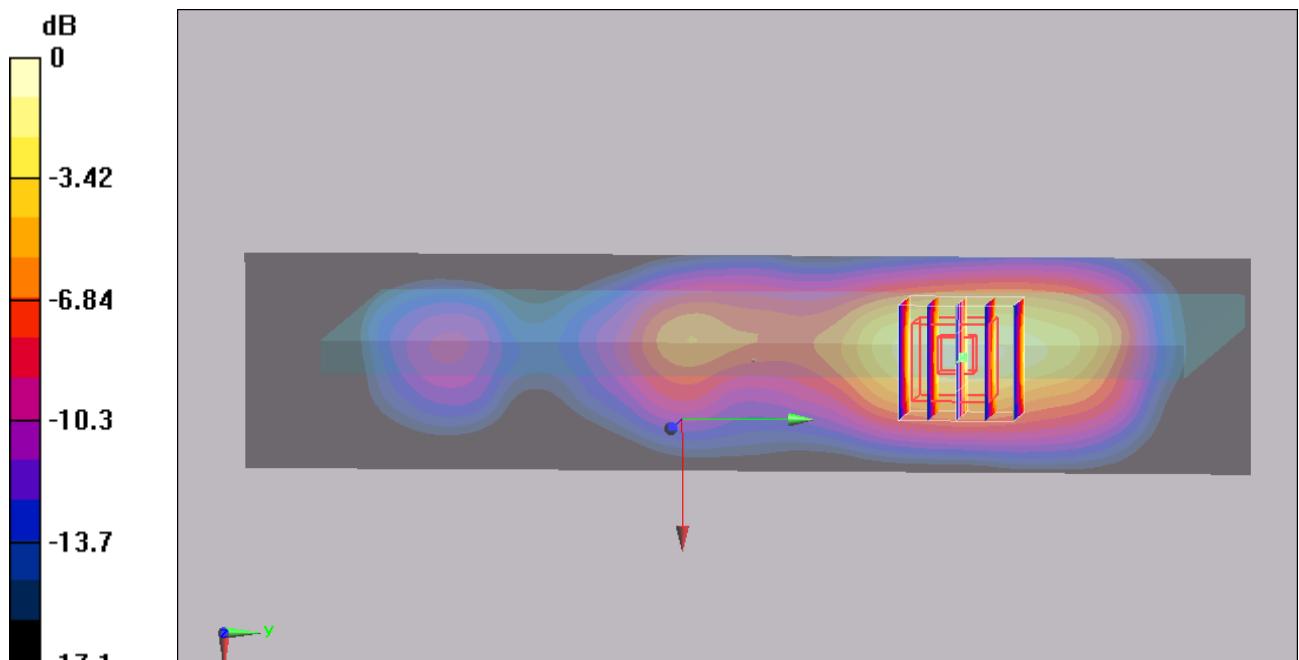
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.73 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 0.708 W/kg

**SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.207 mW/g**

Maximum value of SAR (measured) = 0.467 mW/g



**#90 LTE Band 4\_16QAM(50-25)\_20M\_Edge 1\_0cm\_Ch20050****DUT: 240709**

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120726 Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20050/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.462 mW/g

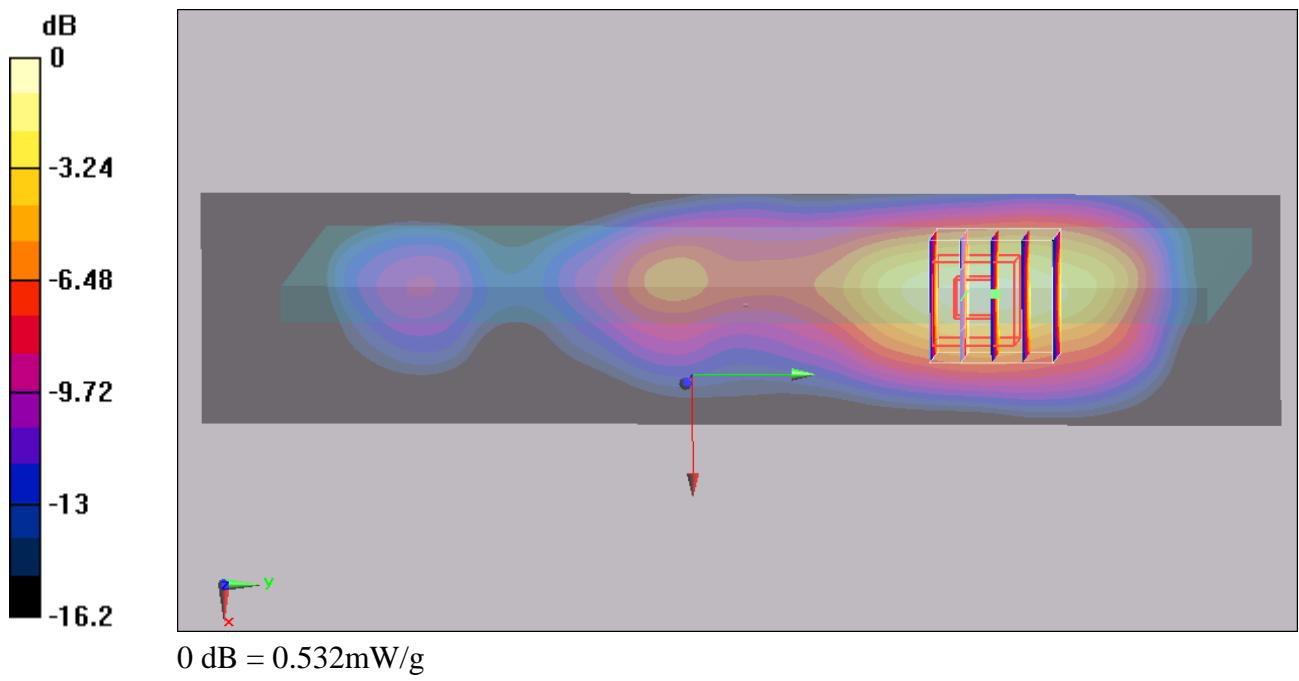
**Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.24 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.805 W/kg

**SAR(1 g) = 0.454 mW/g; SAR(10 g) = 0.240 mW/g**

Maximum value of SAR (measured) = 0.532 mW/g



**#91 LTE Band 4\_16QAM(1-0)\_20M\_Edge 1\_0cm\_Ch20050****DUT: 240709**

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120726 Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20050/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.384 mW/g

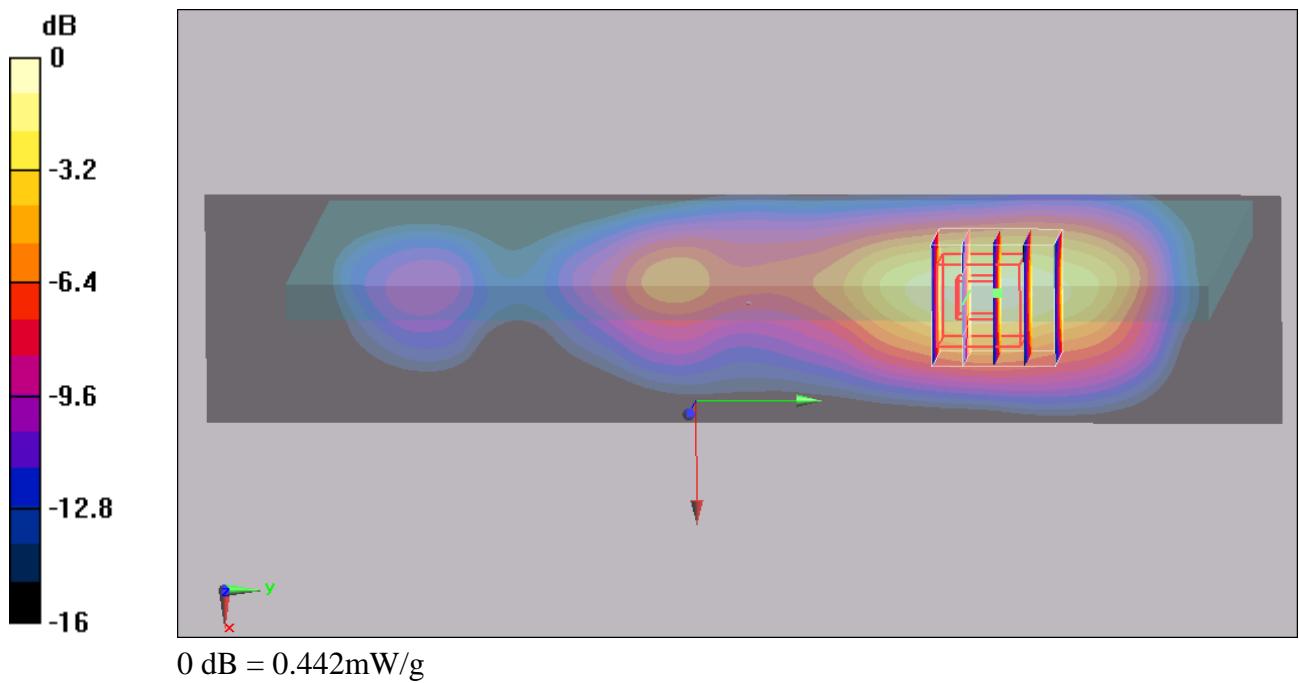
**Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.56 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.658 W/kg

**SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.201 mW/g**

Maximum value of SAR (measured) = 0.442 mW/g



**#92 LTE Band 4\_16QAM(1-99)\_20M\_Edge 1\_0cm\_Ch20050****DUT: 240709**

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120726 Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20050/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.383 mW/g

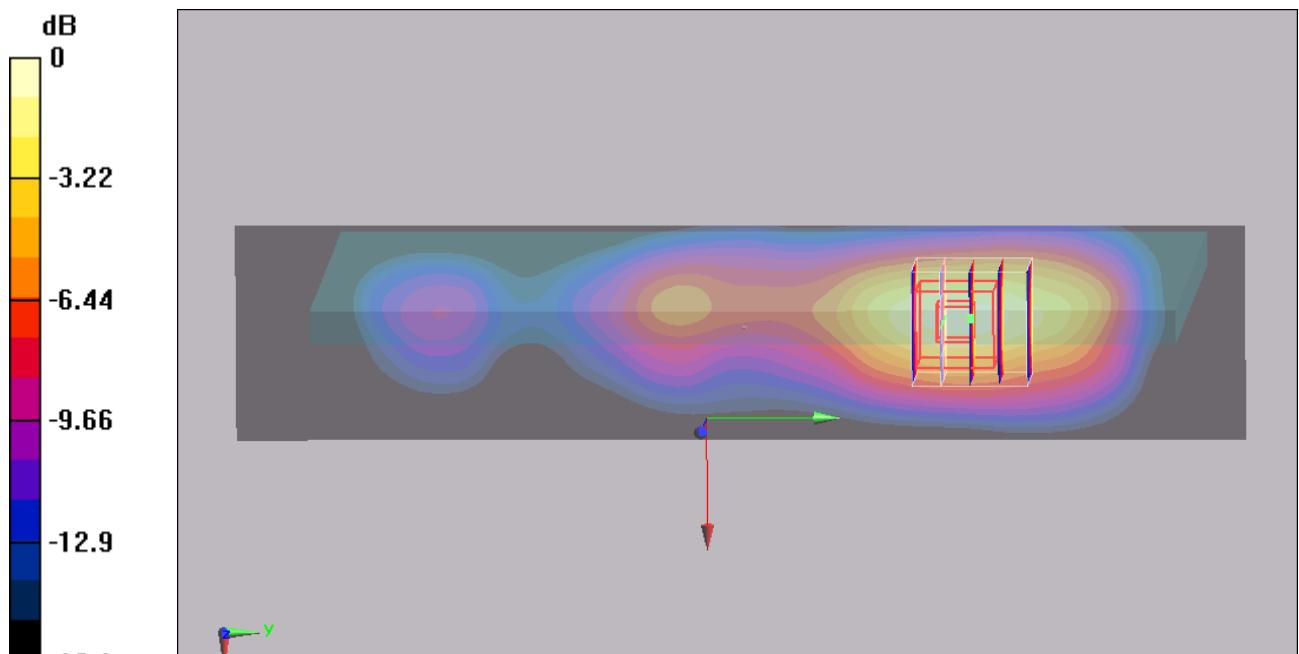
**Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.23 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.672 W/kg

**SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.201 mW/g**

Maximum value of SAR (measured) = 0.444 mW/g



0 dB = 0.444mW/g

**#124 LTE Band 4\_QPSK(1-99)\_20M\_Curved surface of Edge 1****\_Bottom Face tilted\_0cm\_Ch20050****DUT: 240709**

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.48 \text{ mho/m}$ ;  $\epsilon_r = 51.4$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20050/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.05 mW/g

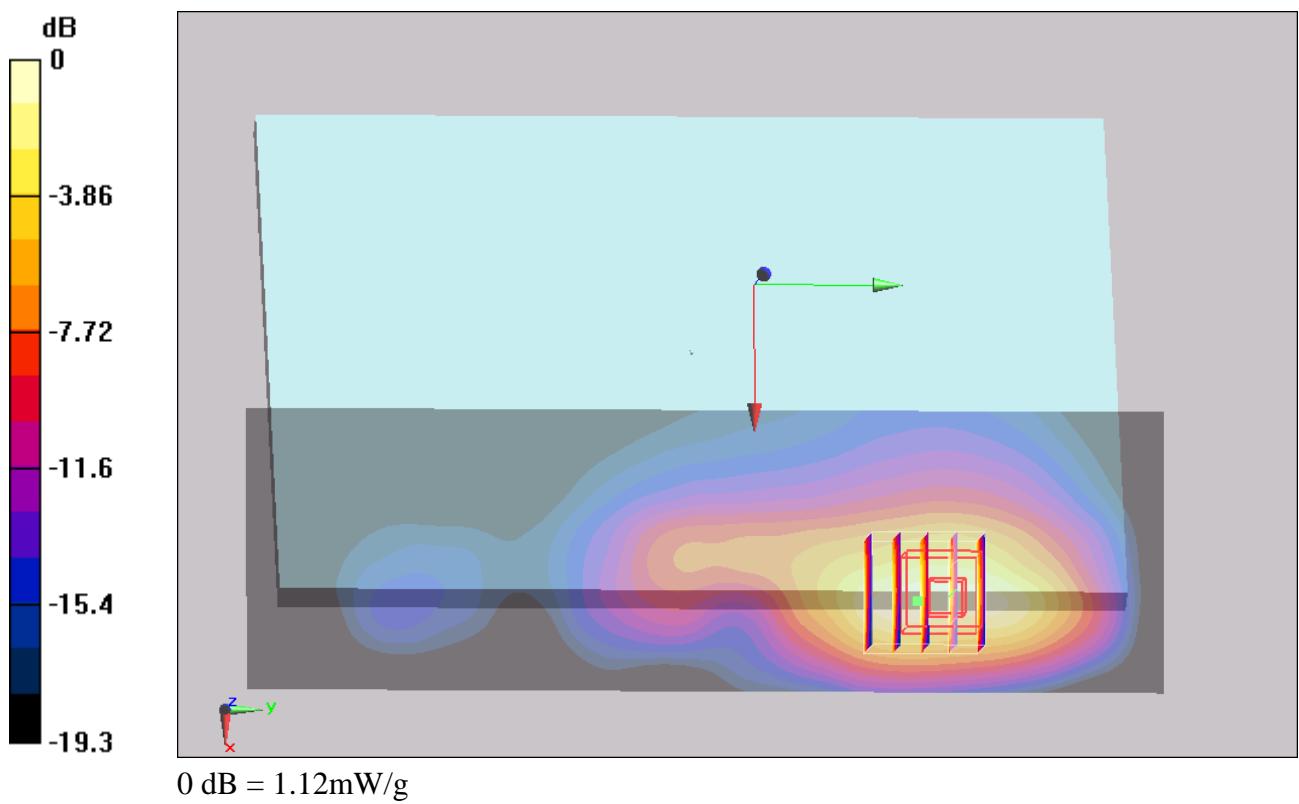
**Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.9 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 1.59 W/kg

**SAR(1 g) = 0.952 mW/g; SAR(10 g) = 0.518 mW/g**

Maximum value of SAR (measured) = 1.12 mW/g



**#112 LTE Band 4\_QPSK(1-99)\_20M\_Curved surface of Edge 1****\_Bottom Face tilted\_0cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (101x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.946 mW/g

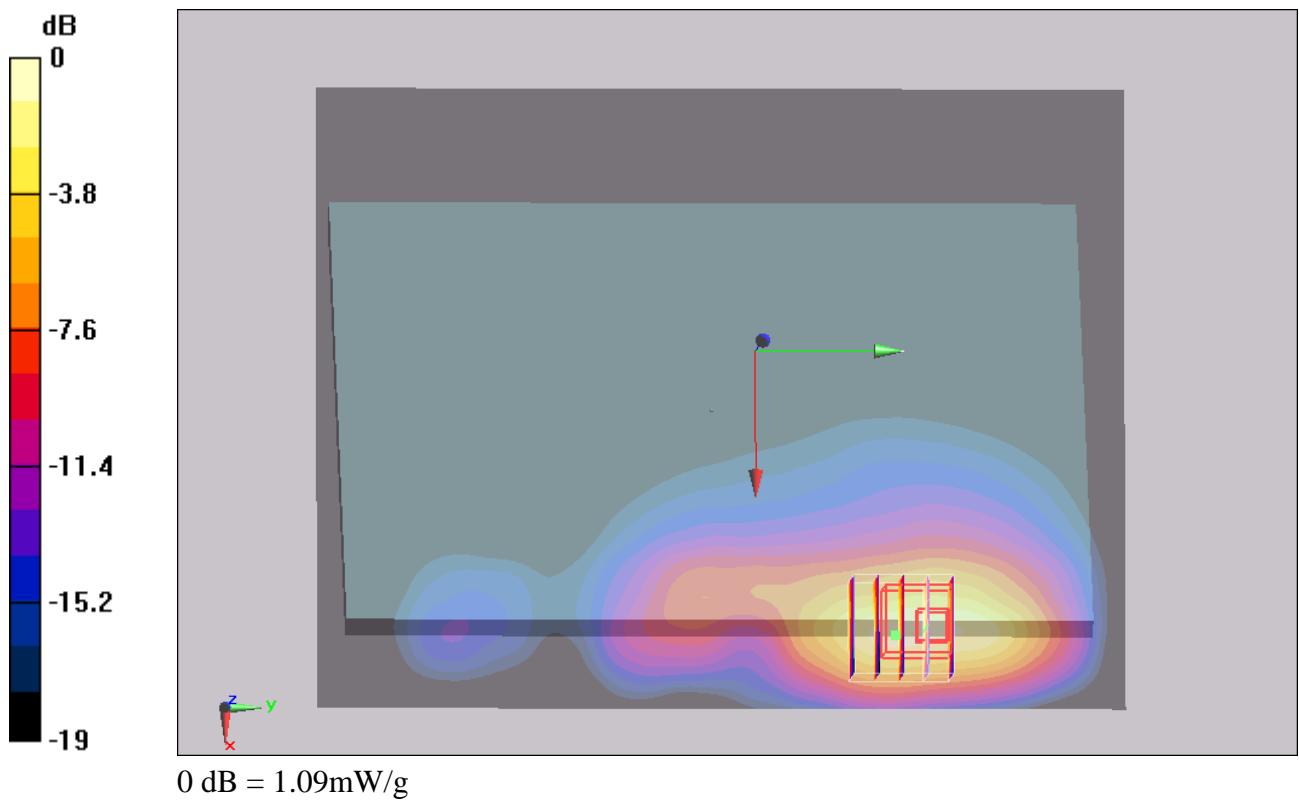
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.83 V/m; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 1.64 W/kg

**SAR(1 g) = 0.952 mW/g; SAR(10 g) = 0.505 mW/g**

Maximum value of SAR (measured) = 1.09 mW/g



**#113 LTE Band 4\_QPSK(1-99)\_20M\_Curved surface of Edge 1****\_Bottom Face tilted\_0cm\_Ch20300****DUT: 240709**

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1745 \text{ MHz}$ ;  $\sigma = 1.5 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20300/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.04 mW/g

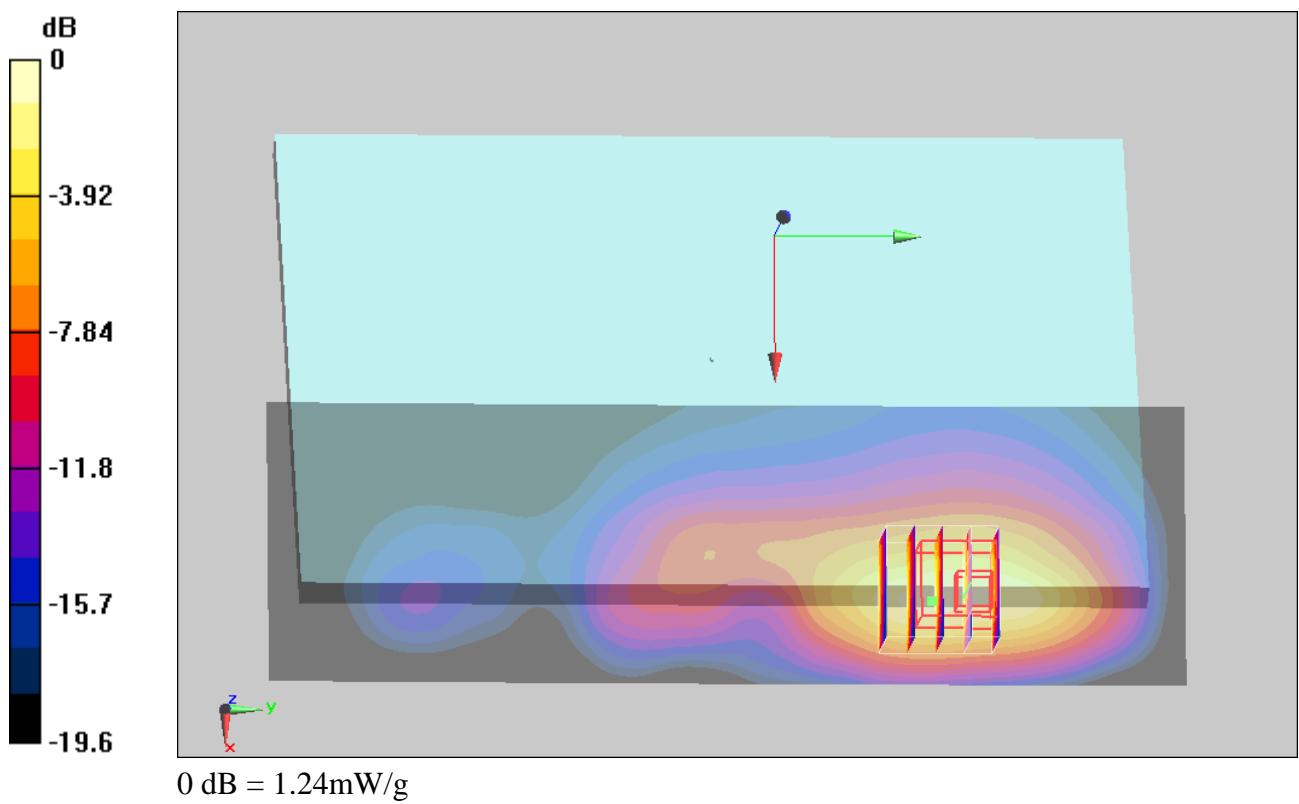
**Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.1 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 1.86 W/kg

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.562 mW/g**

Maximum value of SAR (measured) = 1.24 mW/g



## #113 LTE Band 4\_QPSK(1-99)\_20M\_Curved surface of Edge 1

\_Bottom Face tilted\_0cm\_Ch20300\_2D**DUT: 240709**

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1745 \text{ MHz}$ ;  $\sigma = 1.5 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20300/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm  
 Maximum value of SAR (interpolated) = 1.04 mW/g

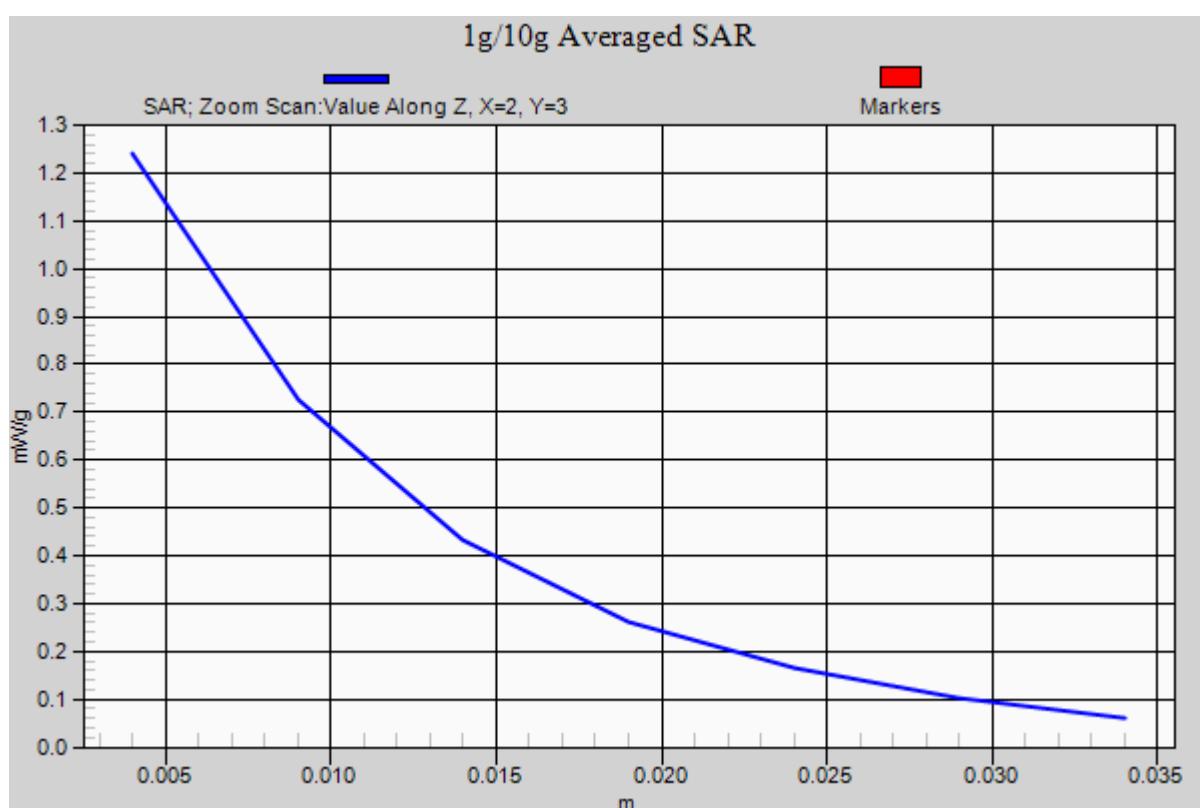
**Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.1 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 1.86 W/kg

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.562 mW/g**

Maximum value of SAR (measured) = 1.24 mW/g



**#125 LTE Band 4\_16QAM(50-25)\_20M\_Curved surface of Edge 1****\_Bottom Face tilted\_0cm\_Ch20050****DUT: 240709**

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.48 \text{ mho/m}$ ;  $\epsilon_r = 51.4$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20050/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.858 mW/g

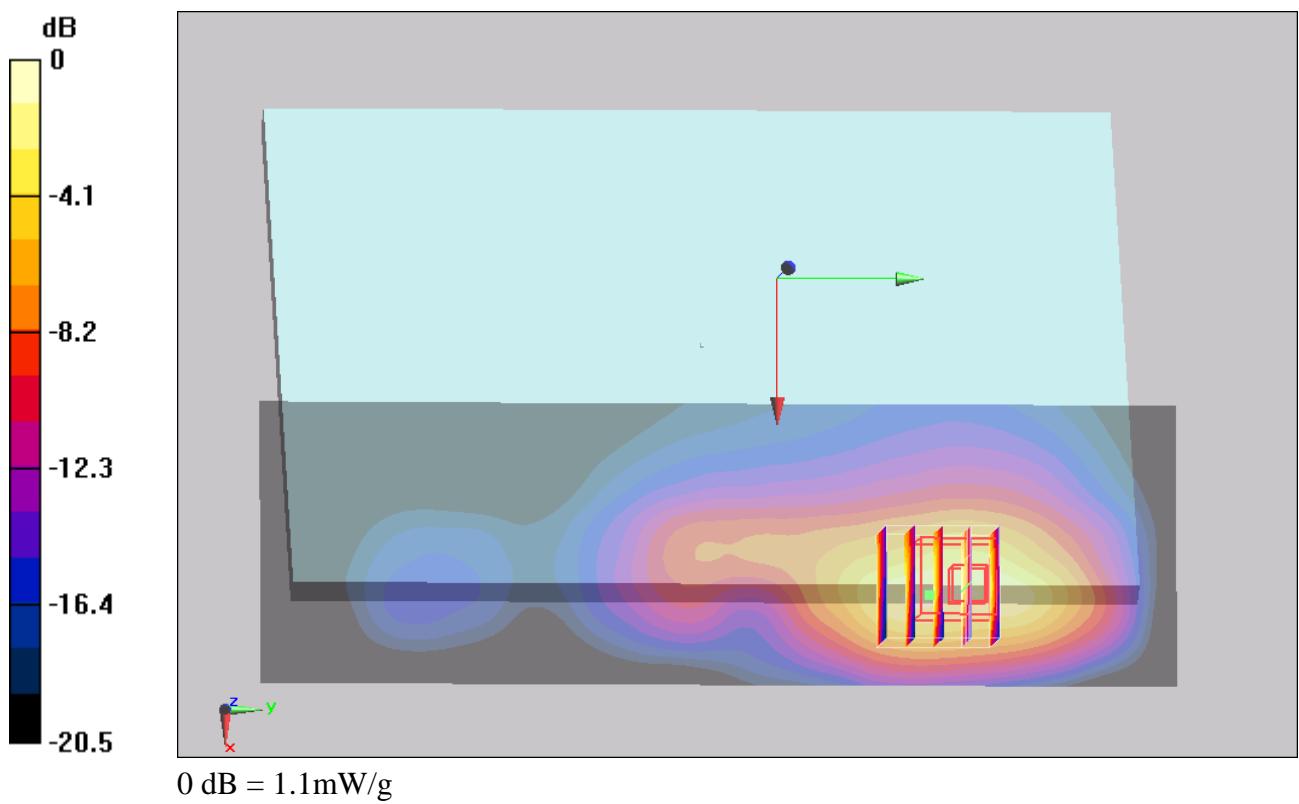
**Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.72 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.493 mW/g**

Maximum value of SAR (measured) = 1.1 mW/g



**#114 LTE Band 4\_16QAM(50-25)\_20M\_Curved surface of Edge 1****\_Bottom Face tilted\_0cm\_Ch20175****DUT: 240709**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20175/Area Scan (101x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.782 mW/g

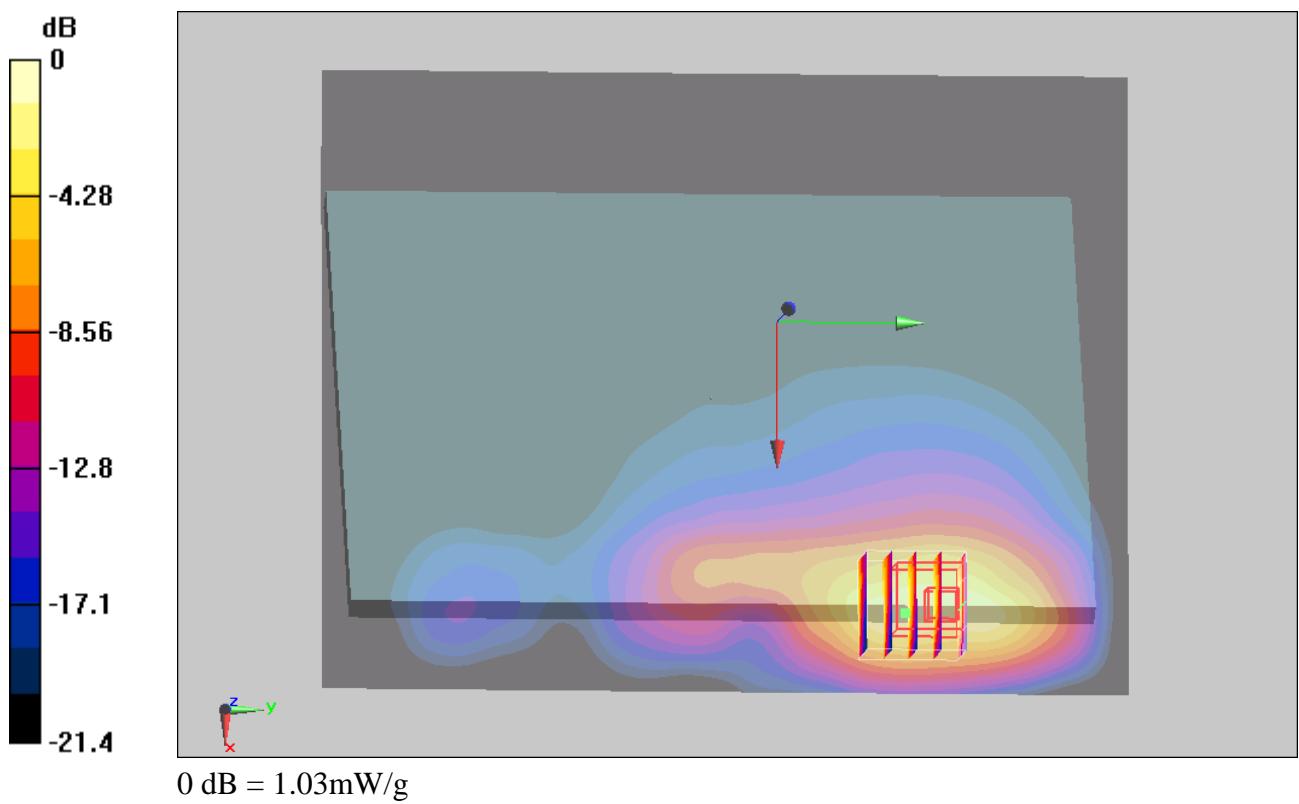
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.73 V/m; Power Drift = -0.132 dB

Peak SAR (extrapolated) = 1.6 W/kg

**SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.456 mW/g**

Maximum value of SAR (measured) = 1.03 mW/g



**#115 LTE Band 4\_16QAM(50-25)\_20M\_Curved surface of Edge 1****\_Bottom Face tilted\_0cm\_Ch20300****DUT: 240709**

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_120816 Medium parameters used:  $f = 1745 \text{ MHz}$ ;  $\sigma = 1.5 \text{ mho/m}$ ;  $\epsilon_r = 51.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch20300/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.676 mW/g

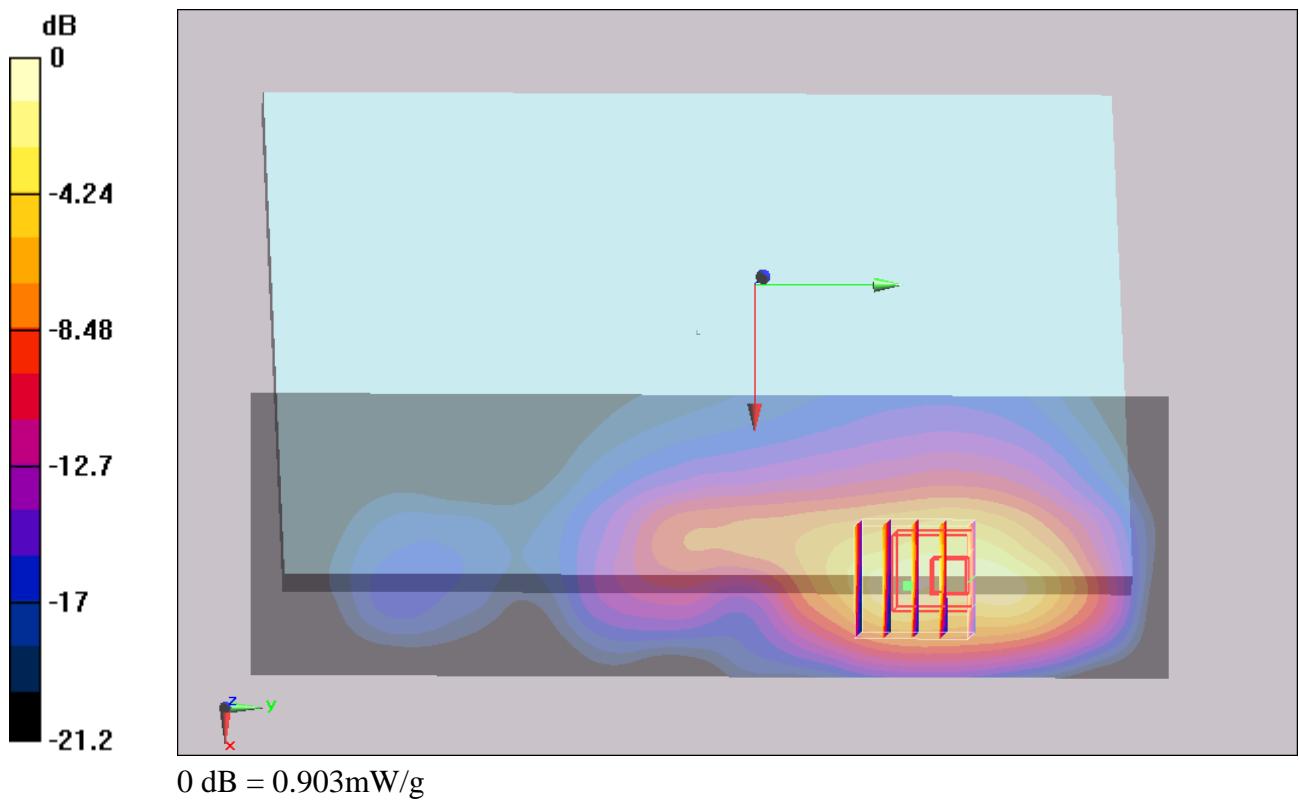
**Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.36 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.765 mW/g; SAR(10 g) = 0.388 mW/g**

Maximum value of SAR (measured) = 0.903 mW/g



**#231 WLAN2.4G\_802.11b\_Bottom Face\_0cm\_Ch6\_Ant1****DUT: 240709**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120725 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.94 \text{ mho/m}$ ;  $\epsilon_r = 53.9$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch6/Area Scan (101x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.22 mW/g

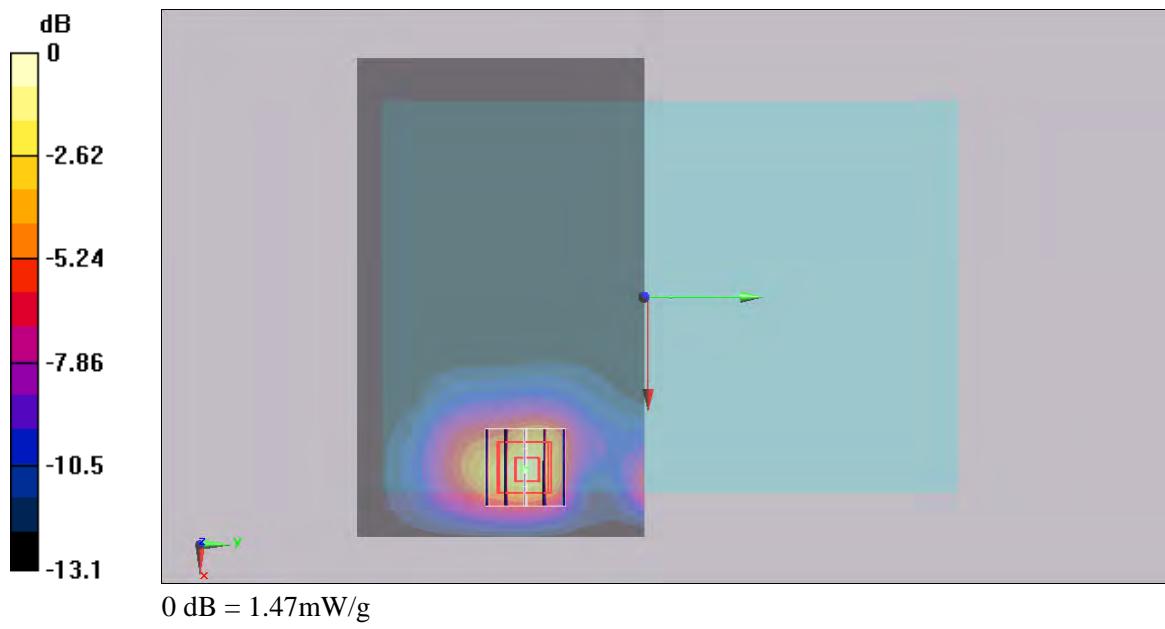
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.42 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 3.14 W/kg

**SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.573 mW/g**

Maximum value of SAR (measured) = 1.47 mW/g



**#231 WLAN2.4G\_802.11b\_Bottom Face\_0cm\_Ch6\_Ant1\_2D****DUT: 240709**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1  
 Medium: MSL\_2450\_120725 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.938 \text{ mho/m}$ ;  $\epsilon_r = 53.878$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

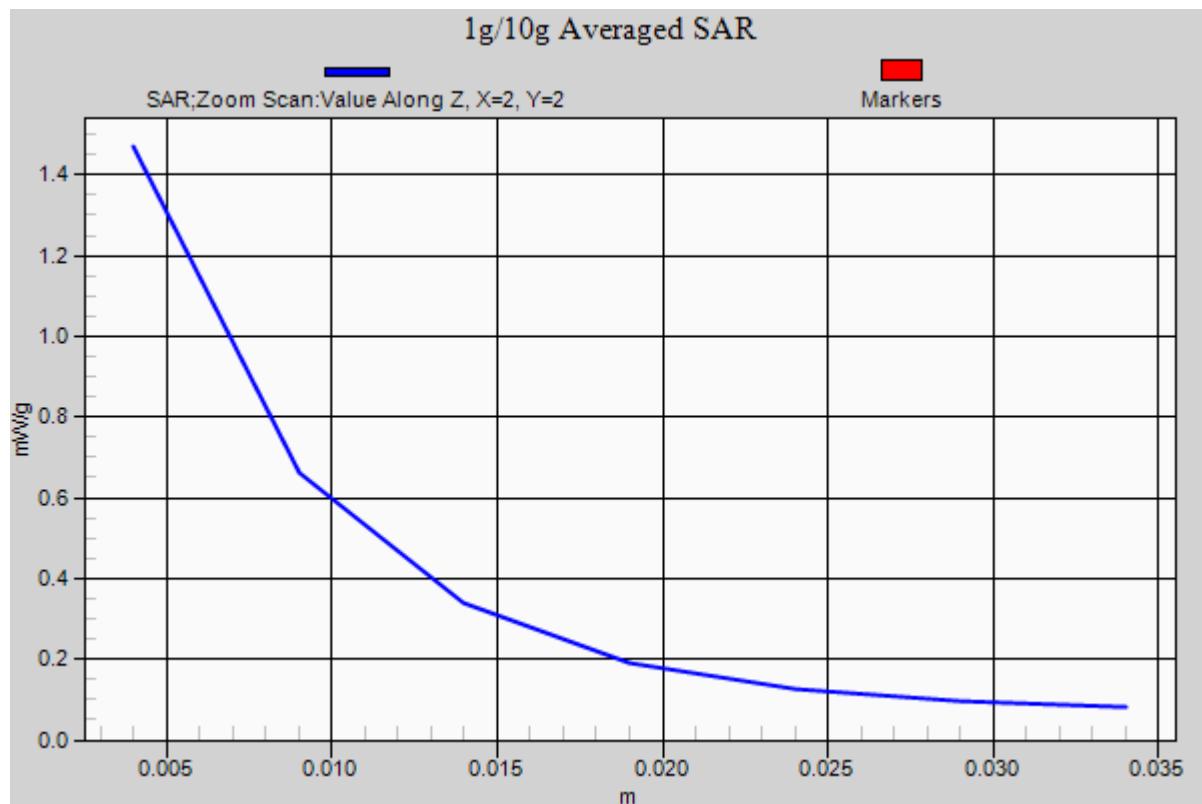
**Ch6/Area Scan (101x61x1):** Measurement grid: dx=20mm, dy=20mm  
 Maximum value of SAR (interpolated) = 1.22 mW/g

**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 5.418 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 3.137 mW/g

**SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.573 mW/g**

Maximum value of SAR (measured) = 1.47 mW/g



**#232 WLAN2.4G\_802.11b\_Bottom Face\_0cm\_Ch1\_Ant1****DUT: 240709**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120725 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.9 \text{ mho/m}$ ;  $\epsilon_r = 54$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch1/Area Scan (91x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.1 mW/g

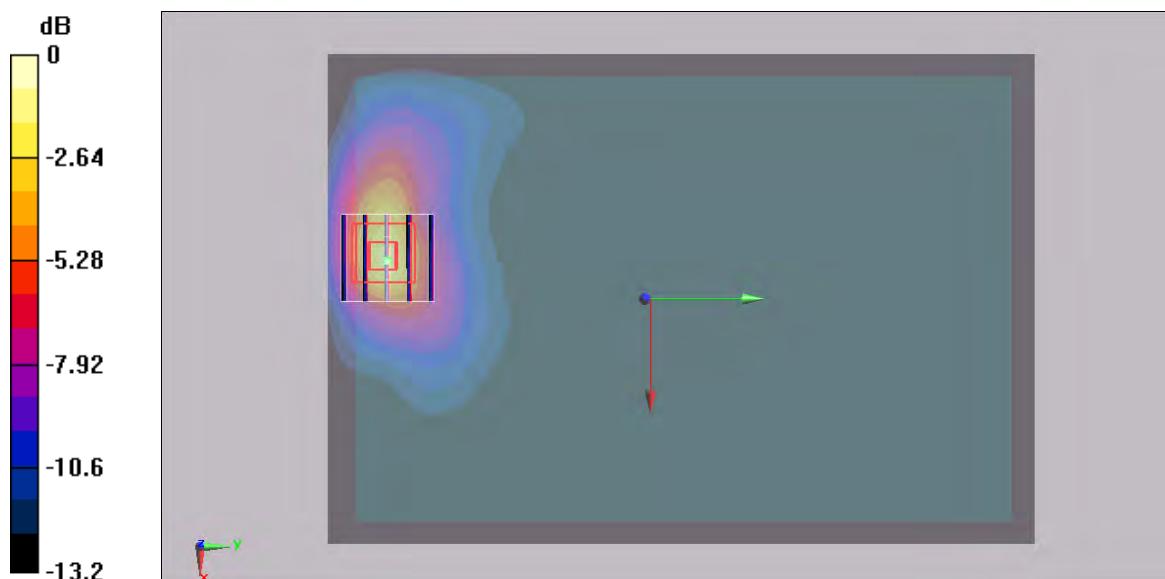
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.1 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 3.25 W/kg

**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.518 mW/g**

Maximum value of SAR (measured) = 1.46 mW/g



0 dB = 1.46mW/g

**#233 WLAN2.4G\_802.11b\_Bottom Face\_0cm\_Ch11\_Ant1****DUT: 240709**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120725 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.97 \text{ mho/m}$ ;  $\epsilon_r = 53.8$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch11/Area Scan (91x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.02 mW/g

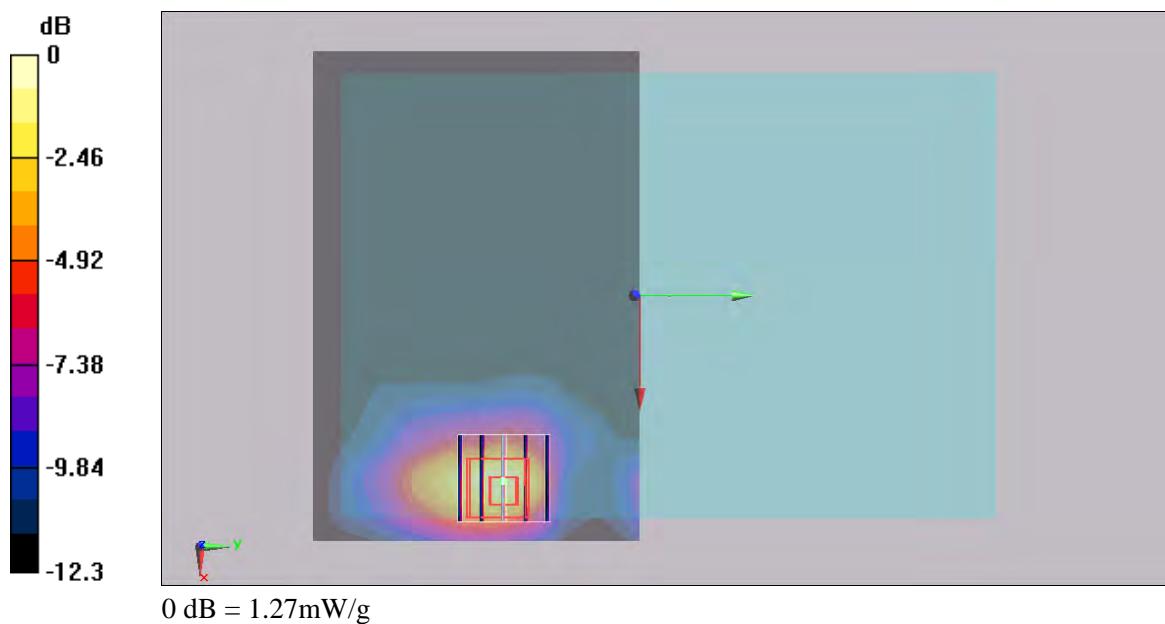
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.11 V/m; Power Drift = 0.146 dB

Peak SAR (extrapolated) = 2.93 W/kg

**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.543 mW/g**

Maximum value of SAR (measured) = 1.27 mW/g



**#234 WLAN2.4G\_802.11b\_Edge 1\_0cm\_Ch6\_Ant1****DUT: 240709**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120725 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.94 \text{ mho/m}$ ;  $\epsilon_r = 53.9$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch6/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.948 mW/g

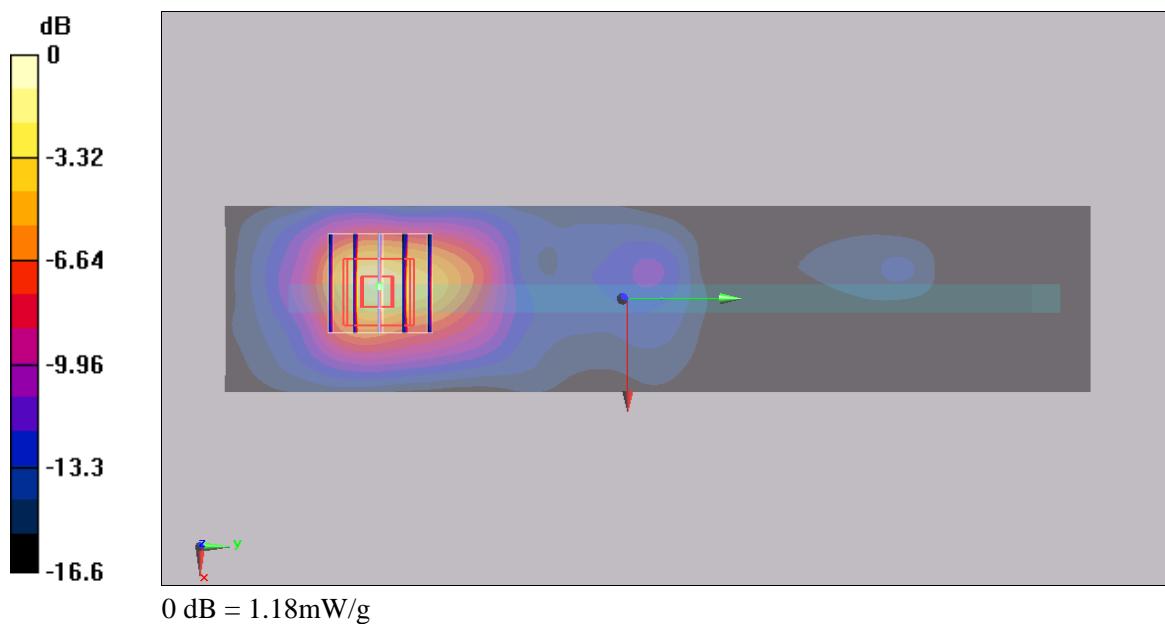
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.71 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 2.33 W/kg

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.505 mW/g**

Maximum value of SAR (measured) = 1.18 mW/g



0 dB = 1.18mW/g

**#235 WLAN2.4G\_802.11b\_Edge 1\_0cm\_Ch1\_Ant1****DUT: 240709**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120725 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.9 \text{ mho/m}$ ;  $\epsilon_r = 54$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch1/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.750 mW/g

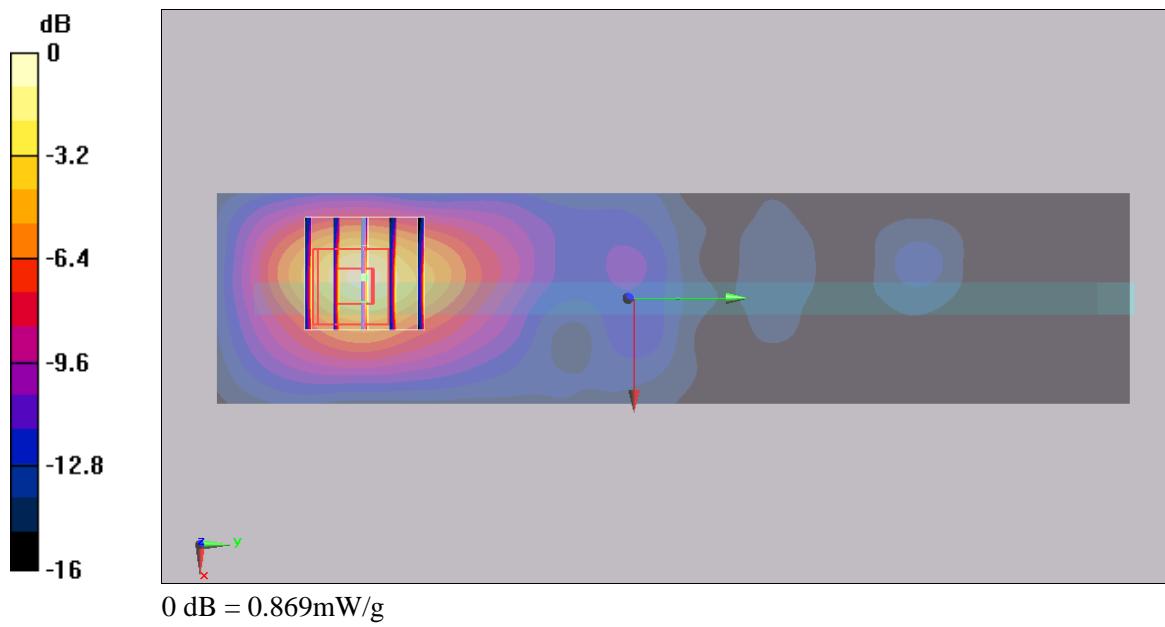
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.04 V/m; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 0.900 mW/g; SAR(10 g) = 0.414 mW/g**

Maximum value of SAR (measured) = 0.869 mW/g



**#236 WLAN2.4G\_802.11b\_Edge 1\_0cm\_Ch11\_Ant 1****DUT: 240709**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120726 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.989 \text{ mho/m}$ ;  $\epsilon_r = 52.298$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch11/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.35 mW/g

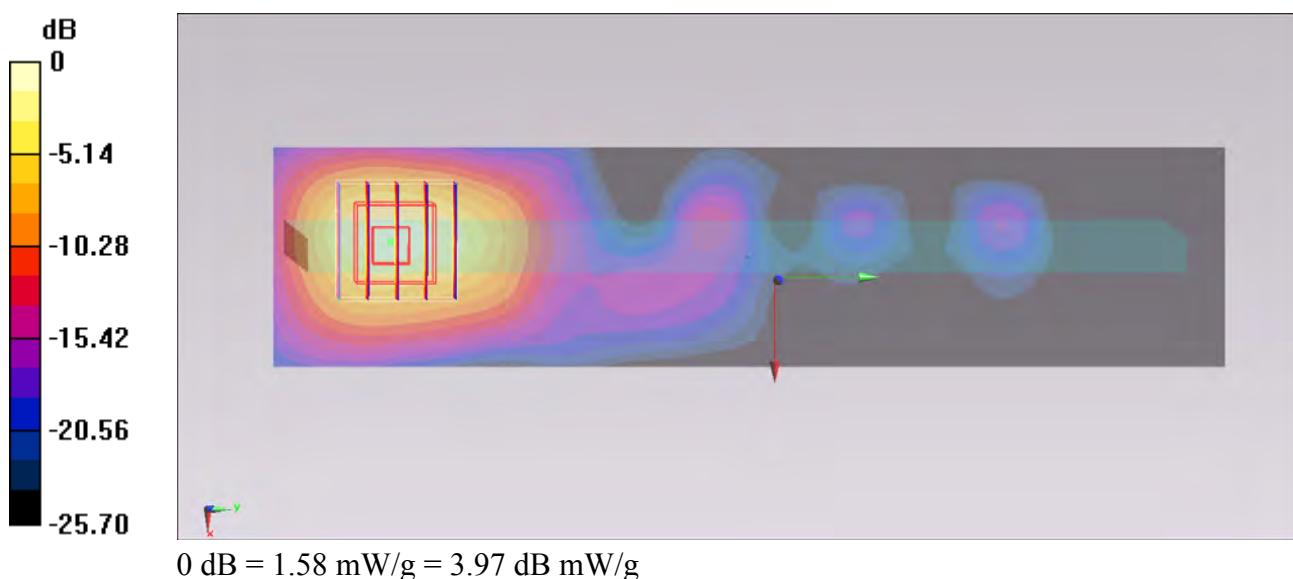
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.510 V/m; Power Drift = -0.161 dB

Peak SAR (extrapolated) = 3.005 mW/g

**SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.610 mW/g**

Maximum value of SAR (measured) = 1.58 mW/g



**#237 WLAN2.4G\_802.11b\_Edge 4\_0cm\_Ch6\_Ant 1****DUT: 240709**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120726 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.955 \text{ mho/m}$ ;  $\epsilon_r = 52.387$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch6/Area Scan (31x101x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0929 mW/g

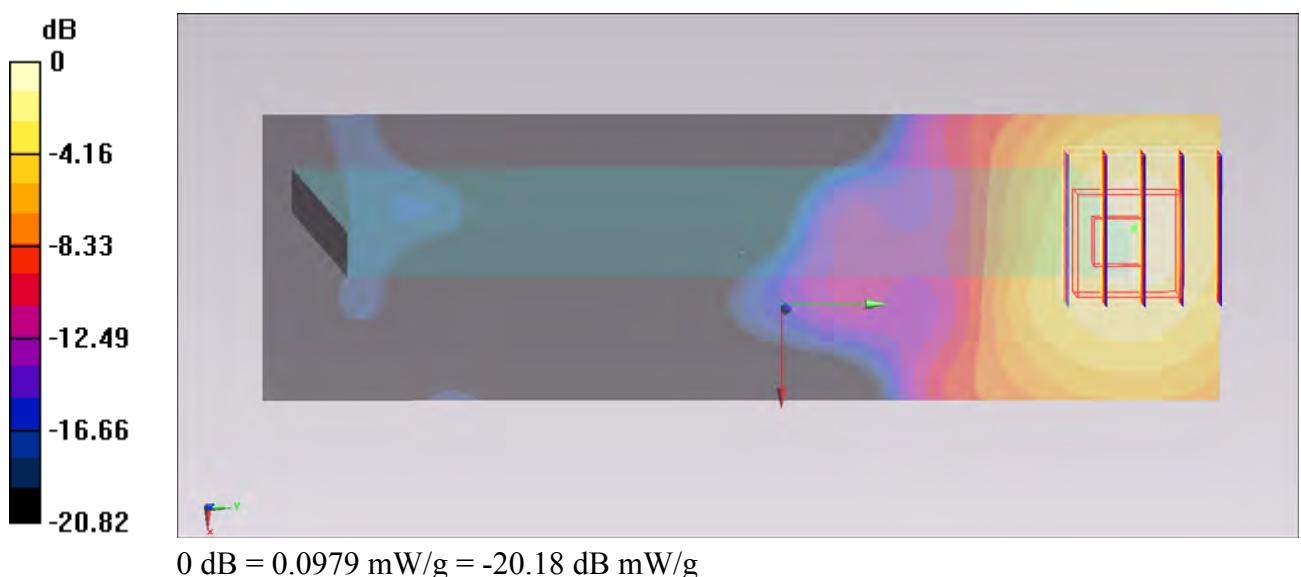
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.871 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 0.188 mW/g

**SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.048 mW/g**

Maximum value of SAR (measured) = 0.0979 mW/g



**#268 WLAN2.4G\_802.11b\_Edge1 Bottom Face\_Tilted\_0cm\_Ch6\_Ant1****DUT: 240709**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120913 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.94 \text{ mho/m}$ ;  $\epsilon_r = 53.9$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch6/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.763 mW/g

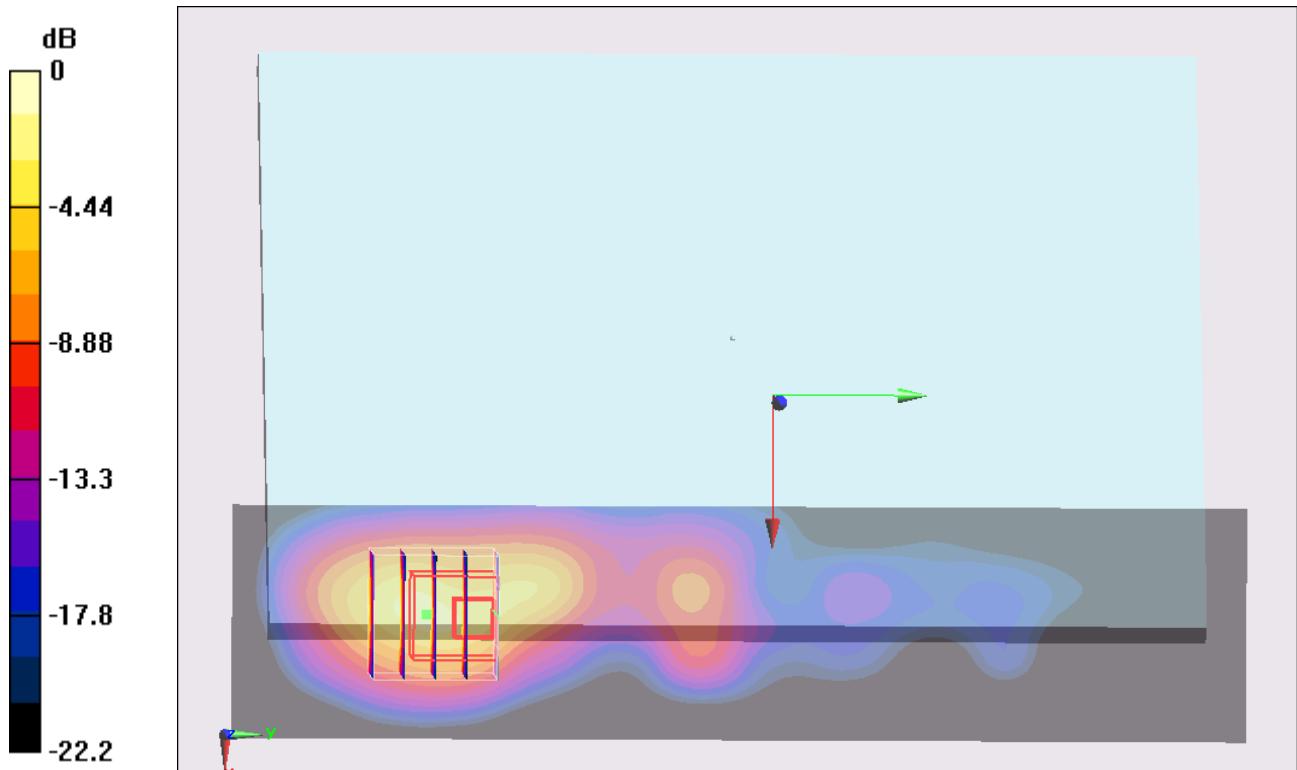
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.12 V/m; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 2.71 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.428 mW/g**

Maximum value of SAR (measured) = 1.3 mW/g



0 dB = 1.3mW/g

**#270 WLAN2.4G\_802.11b\_Edge1 Bottom Face\_Tilted\_0cm\_Ch11\_Ant1****DUT: 240709**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120913 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.97 \text{ mho/m}$ ;  $\epsilon_r = 53.8$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch11/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.912 mW/g

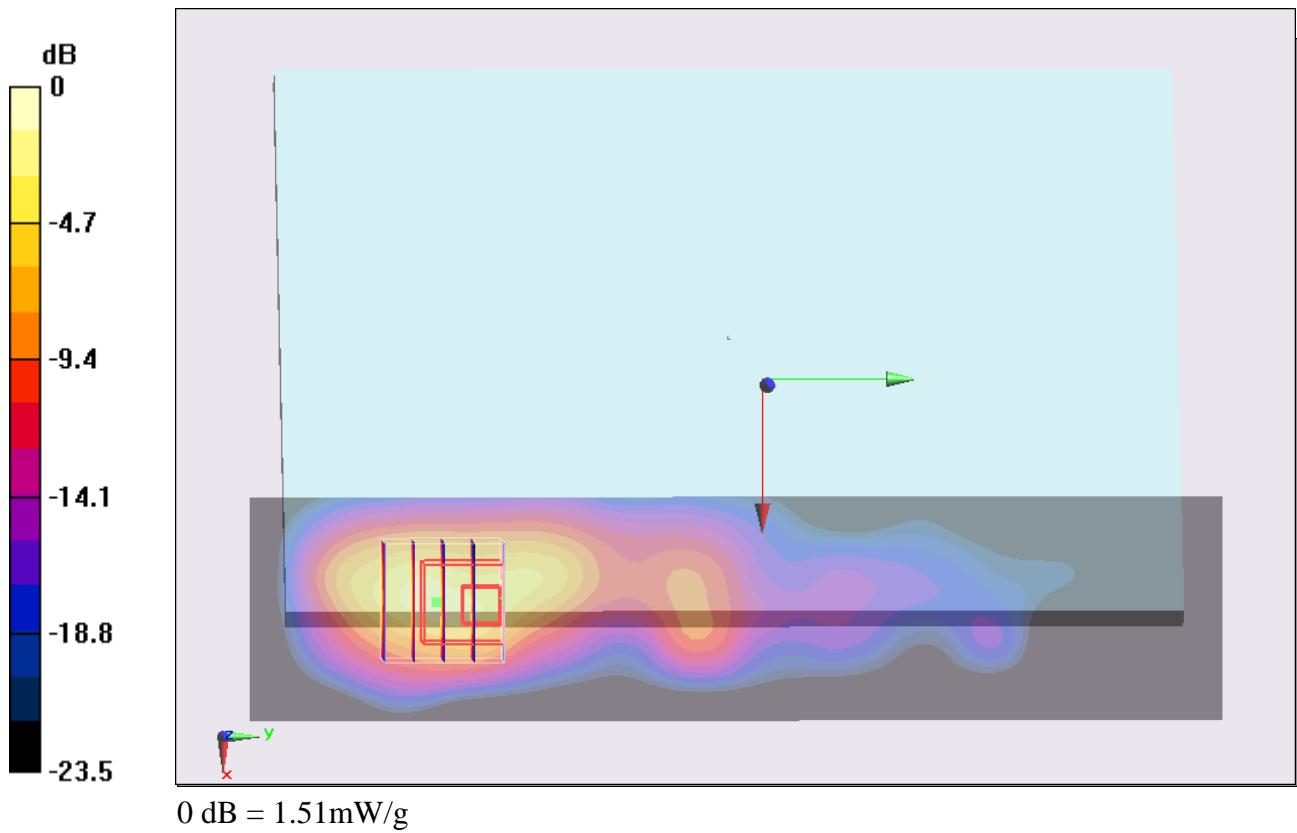
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.707 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 3.15 W/kg

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.495 mW/g**

Maximum value of SAR (measured) = 1.51 mW/g



**#270 WLAN2.4G\_802.11b\_Bottom Face Tilted\_0cm\_Ch11\_Ant1\_2D****DUT: 240709**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120913 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.973 \text{ mho/m}$ ;  $\epsilon_r = 53.799$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Measurement SW: DASY5, Version 5.0 (120); SEMCAD X Version 14.6.6 (6477)

**Ch11/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.912 mW/g

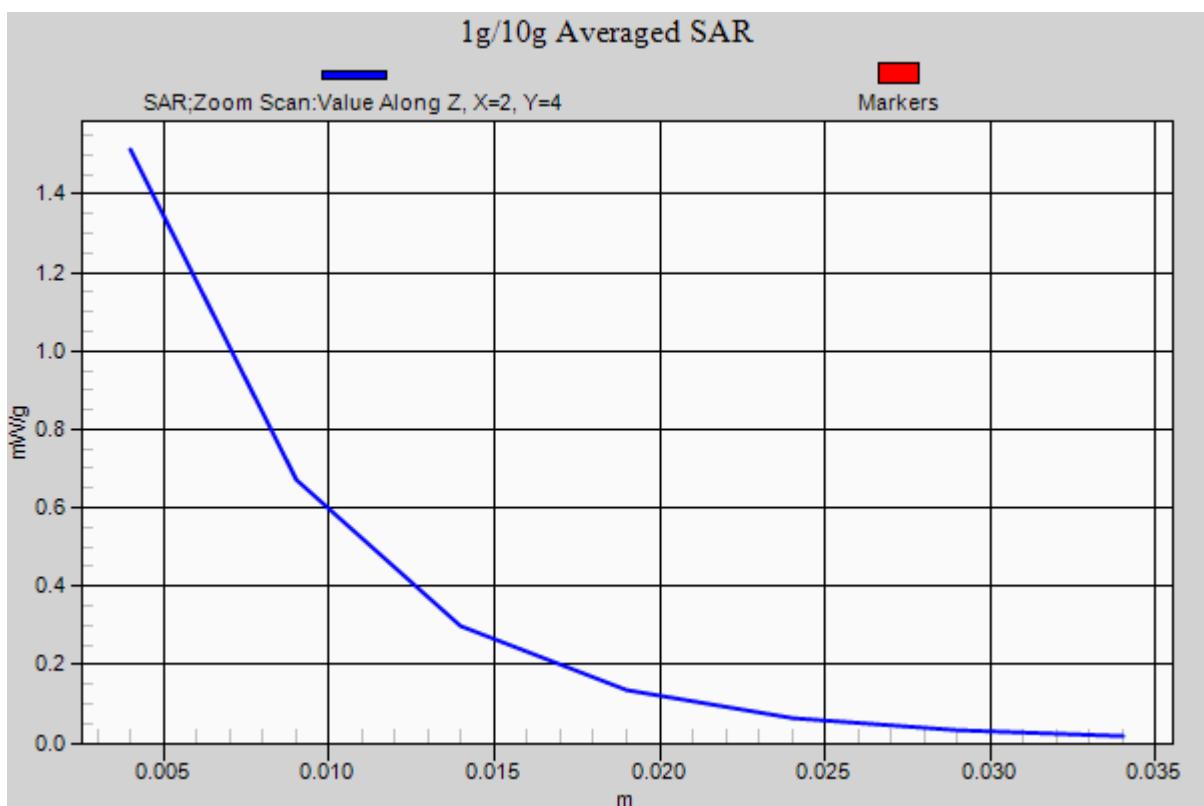
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.707 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 3.152 mW/g

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.495 mW/g**

Maximum value of SAR (measured) = 1.51 mW/g



**#269 WLAN2.4G\_802.11b\_Edge1 Bottom Face\_Tilted\_0cm\_Ch1\_Ant1****DUT: 240709**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120913 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.9 \text{ mho/m}$ ;  $\epsilon_r = 54$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch1/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.06 mW/g

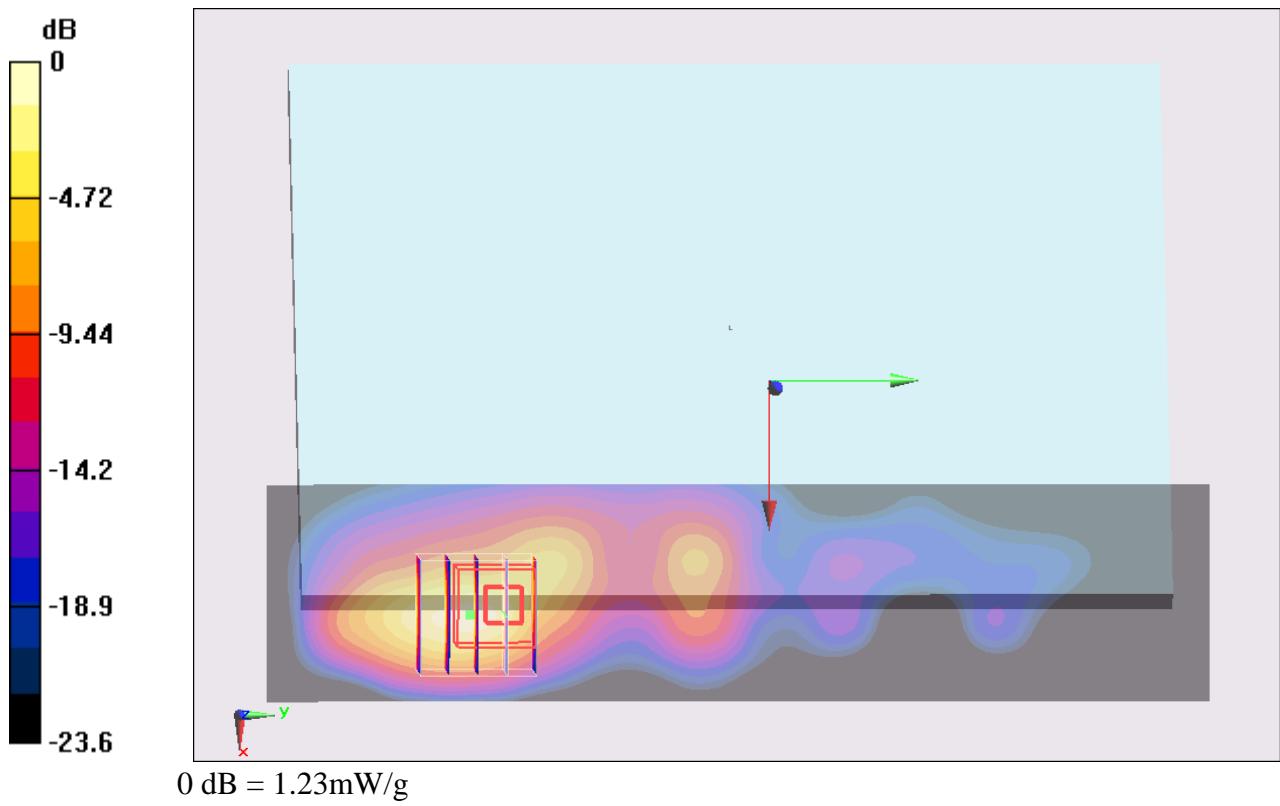
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.16 V/m; Power Drift = 0.108 dB

Peak SAR (extrapolated) = 2.72 W/kg

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.432 mW/g**

Maximum value of SAR (measured) = 1.23 mW/g



**#246 WLAN2.4G\_802.11n(20M)\_Bottom Face\_0cm\_Ch6\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120726 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.955 \text{ mho/m}$ ;  $\epsilon_r = 52.387$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch6/Area Scan (101x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.53 mW/g

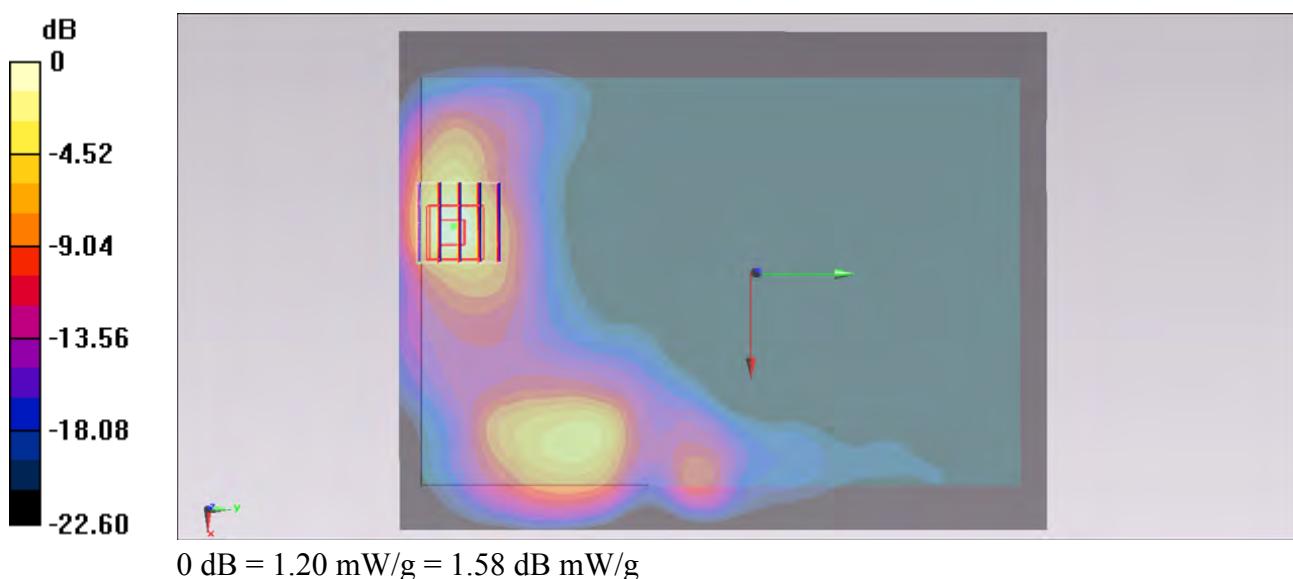
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 2.976 mW/g

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.447 mW/g**

Maximum value of SAR (measured) = 1.20 mW/g



**#246 WLAN2.4G\_802.11n(20M)\_Bottom Face\_0cm\_Ch6\_Ant 1+2\_2D****DUT: 240709**

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120726 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.955 \text{ mho/m}$ ;  $\epsilon_r = 52.387$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch6/Area Scan (101x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.53 mW/g

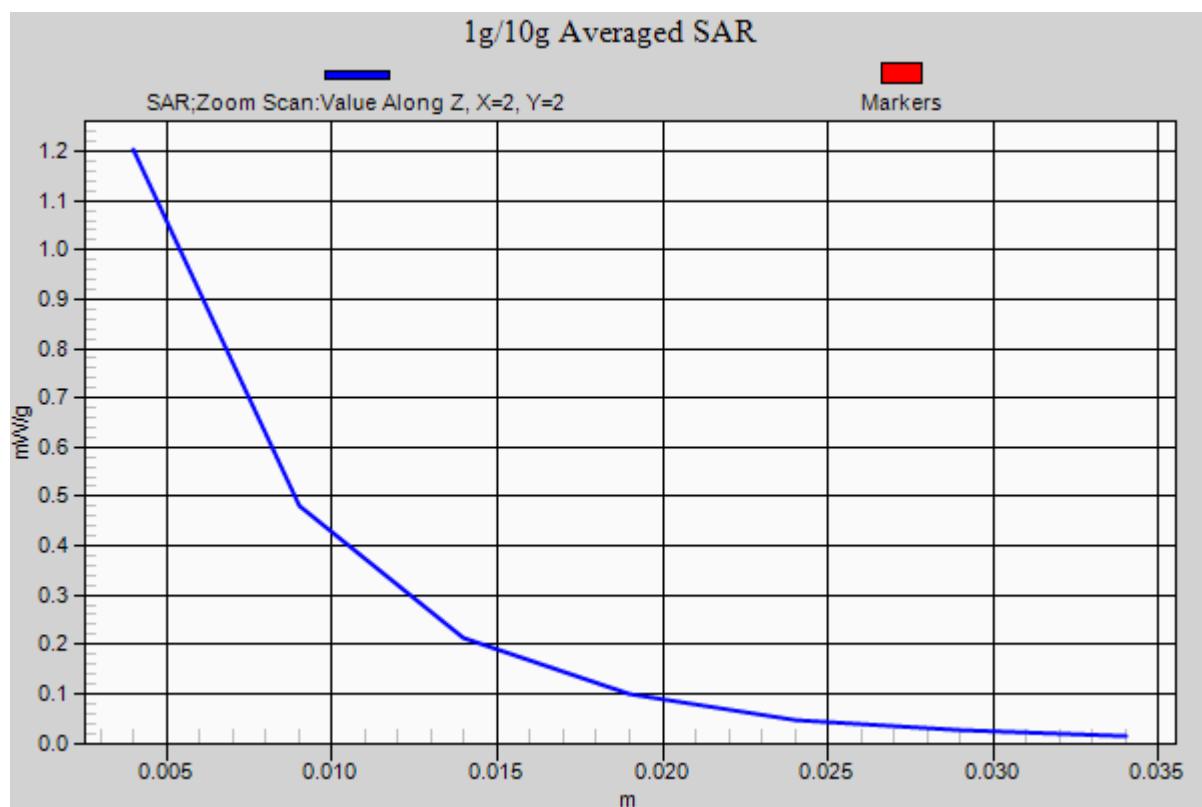
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 2.976 mW/g

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.447 mW/g**

Maximum value of SAR (measured) = 1.20 mW/g



**#267 WLAN2.4G\_802.11n(20M)\_Bottom Face\_0cm\_Ch1\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120725 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.9 \text{ mho/m}$ ;  $\epsilon_r = 54$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch1/Area Scan (91x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.313 mW/g

**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.162 mW/g**

Maximum value of SAR (measured) = 0.480 mW/g

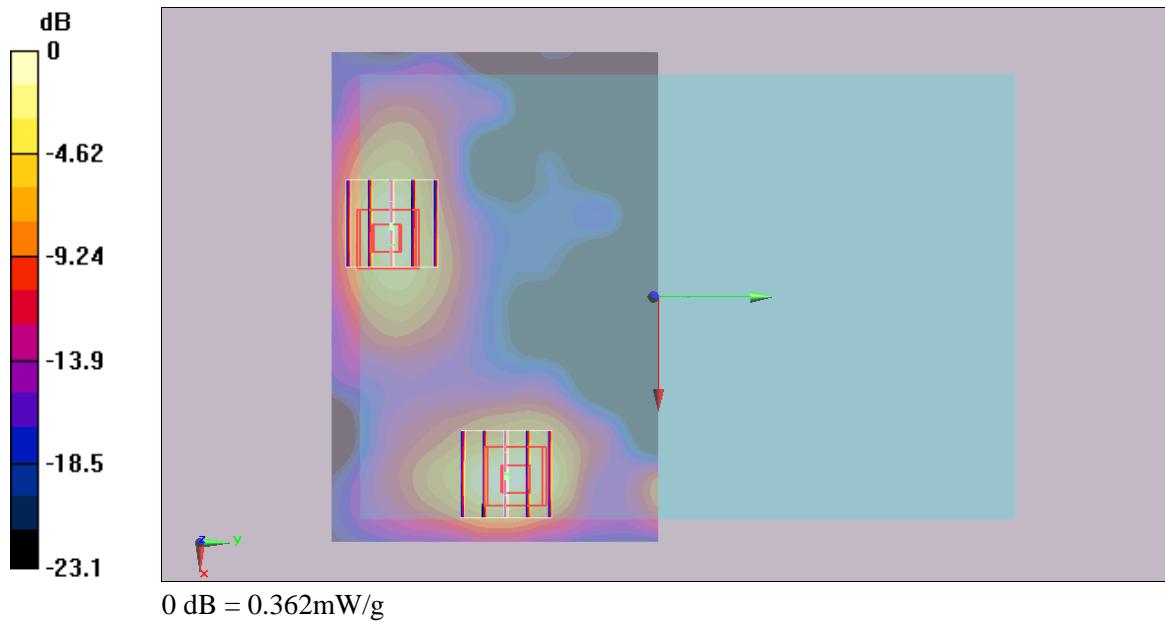
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.819 W/kg

**SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.142 mW/g**

Maximum value of SAR (measured) = 0.362 mW/g



**#248 WLAN2.4G\_802.11n(20M)\_Bottom Face\_0cm\_Ch11\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120726 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.989 \text{ mho/m}$ ;  $\epsilon_r = 52.298$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch11/Area Scan (101x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.403 mW/g

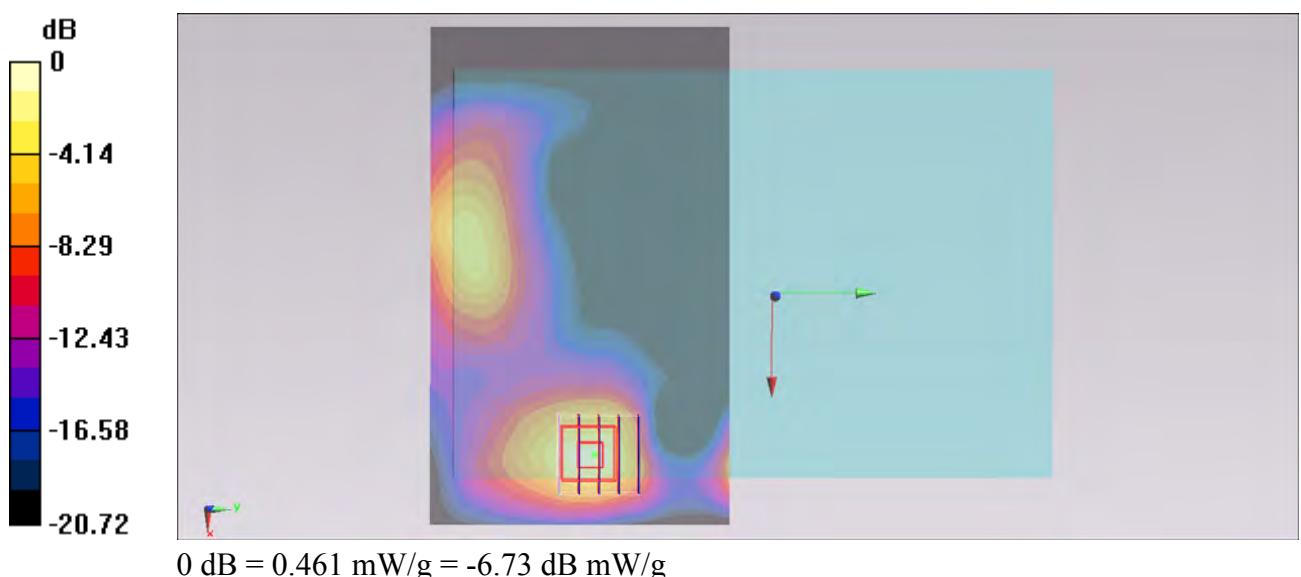
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.488 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.926 mW/g

**SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.171 mW/g**

Maximum value of SAR (measured) = 0.461 mW/g



**#249 WLAN2.4G\_802.11n(20M)\_Edge 1\_0cm\_Ch6\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120726 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.955 \text{ mho/m}$ ;  $\epsilon_r = 52.387$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch6/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.656 mW/g

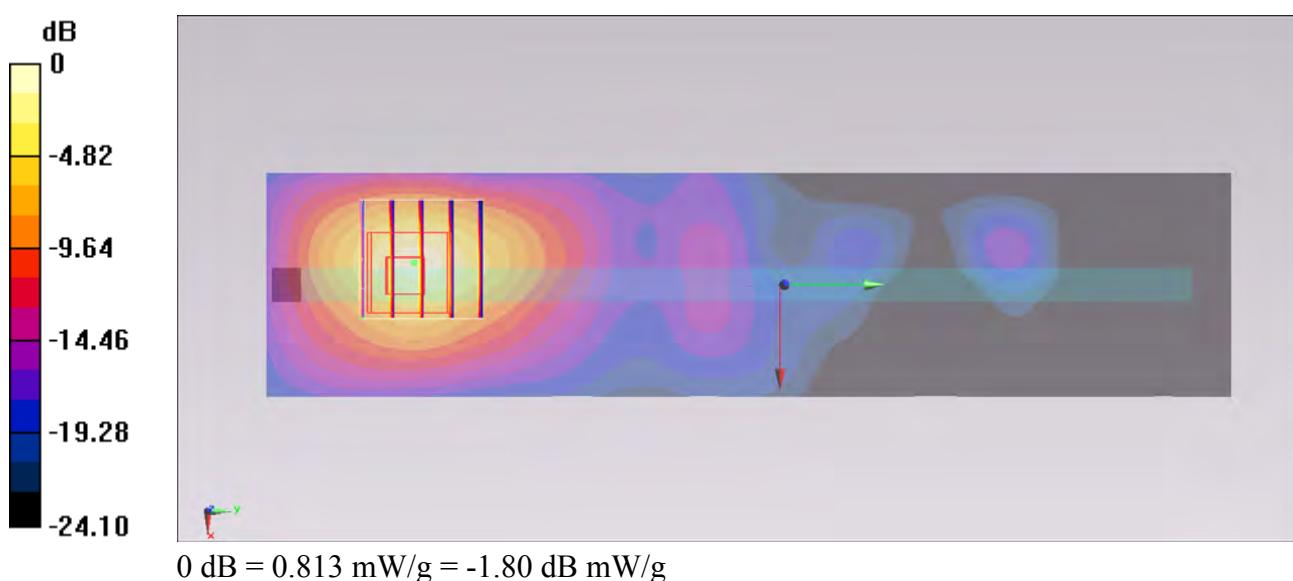
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.225 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.772 mW/g

**SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.361 mW/g**

Maximum value of SAR (measured) = 0.813 mW/g



**#250 WLAN2.4G\_802.11n(20M)\_Edge 1\_0cm\_Ch1\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120726 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.922 \text{ mho/m}$ ;  $\epsilon_r = 52.444$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch1/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.209 mW/g

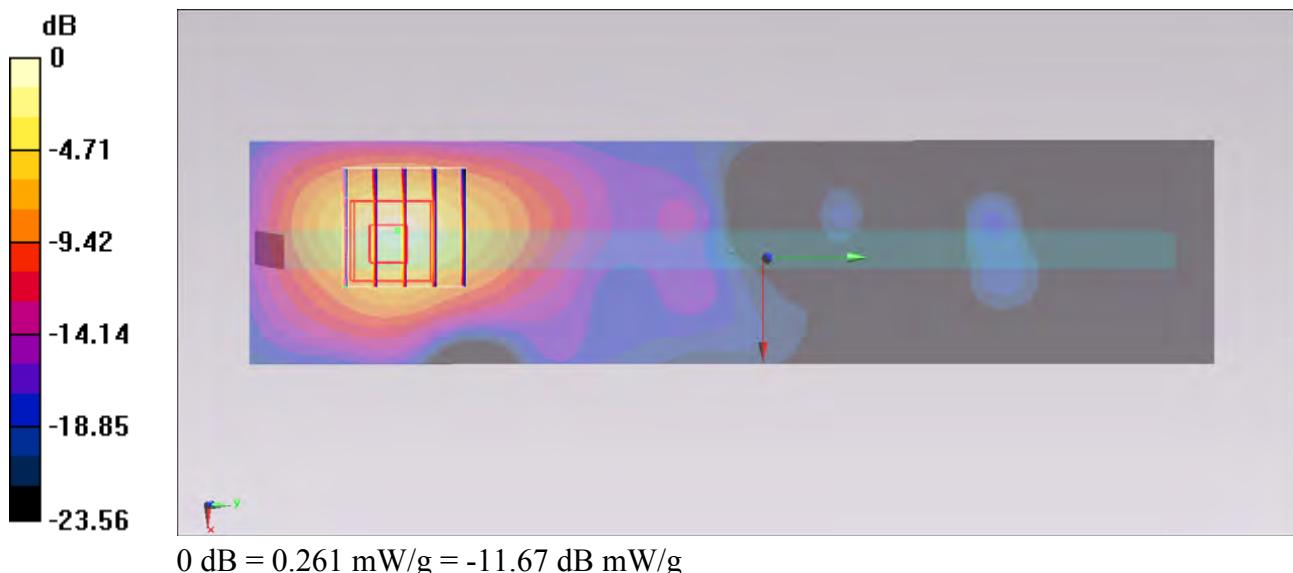
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.676 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.548 mW/g

**SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.115 mW/g**

Maximum value of SAR (measured) = 0.261 mW/g



## #251 WLAN2.4G\_802.11n(20M)\_Edge 1\_0cm\_Ch11\_Ant 1+2

**DUT: 240709**

Communication System: 802.11n; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120726 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.989 \text{ mho/m}$ ;  $\epsilon_r = 52.298$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch11/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.258 mW/g

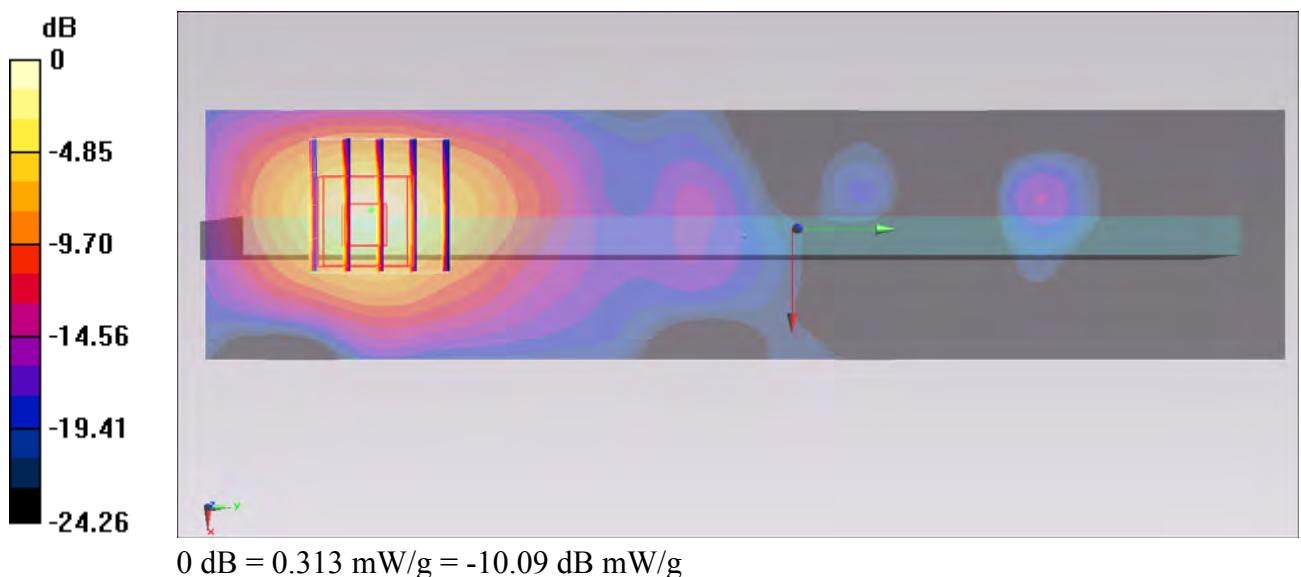
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.570 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.676 mW/g

**SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.138 mW/g**

Maximum value of SAR (measured) = 0.313 mW/g



**#252 WLAN2.4G\_802.11n(20M)\_Edge 4\_0cm\_Ch6\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120726 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.955 \text{ mho/m}$ ;  $\epsilon_r = 52.387$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch6/Area Scan (31x101x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.469 mW/g

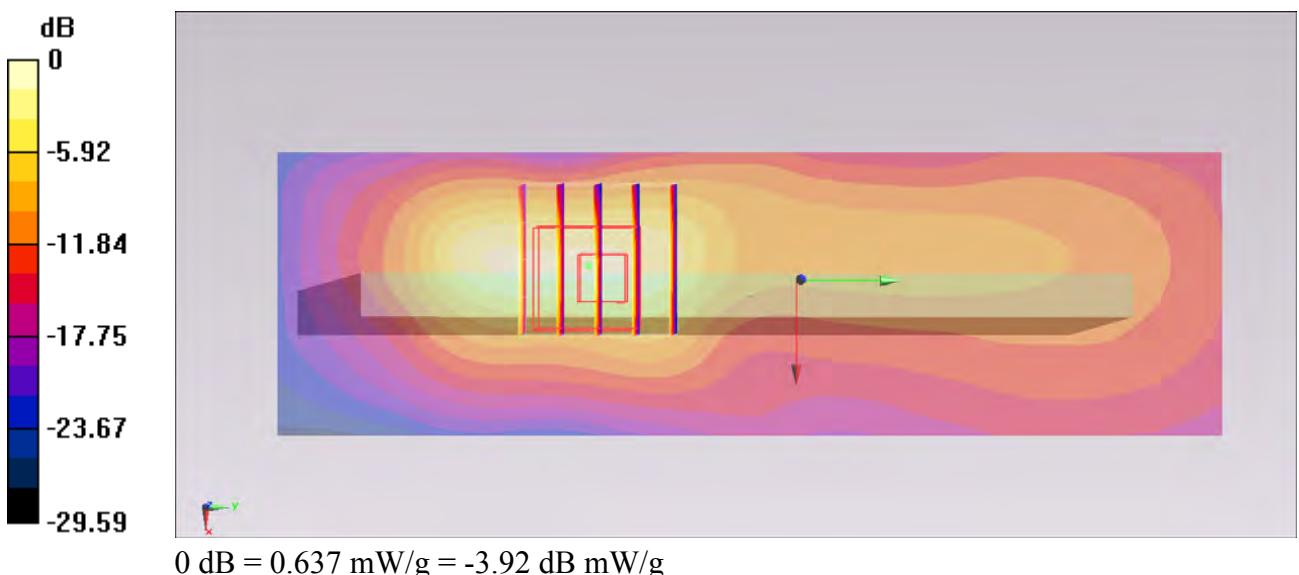
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.276 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.650 mW/g

**SAR(1 g) = 0.640 mW/g; SAR(10 g) = 0.253 mW/g**

Maximum value of SAR (measured) = 0.637 mW/g



0 dB = 0.637 mW/g = -3.92 dB mW/g

**#305 WLAN2.4G\_802.11n(20M)\_Edge4 Bottom Face\_Tilted\_0cm\_Ch6\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120915 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.951$  mho/m;  $\epsilon_r = 52.324$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch6/Area Scan (101x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.854 mW/g

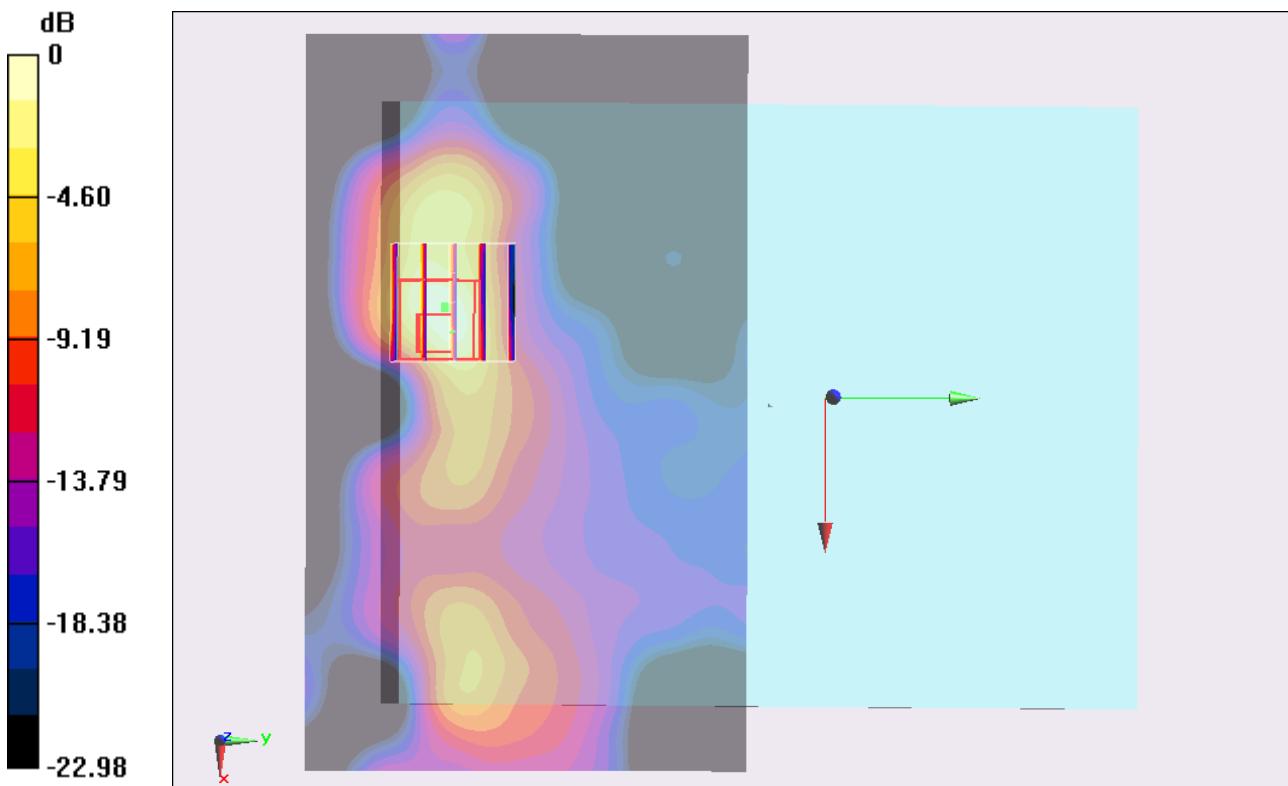
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.599 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 2.461 mW/g

**SAR(1 g) = 0.896 mW/g; SAR(10 g) = 0.355 mW/g**

Maximum value of SAR (measured) = 0.927 mW/g



## #305 WLAN2.4G\_802.11n(20M)\_Edge4 Bottom Face\_Tilted\_0cm\_Ch6\_Ant1+2\_2D

**DUT: 240709**

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120915 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.951 \text{ mho/m}$ ;  $\epsilon_r = 52.324$ ;  $\rho$  $= 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch6/Area Scan (101x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.854 mW/g

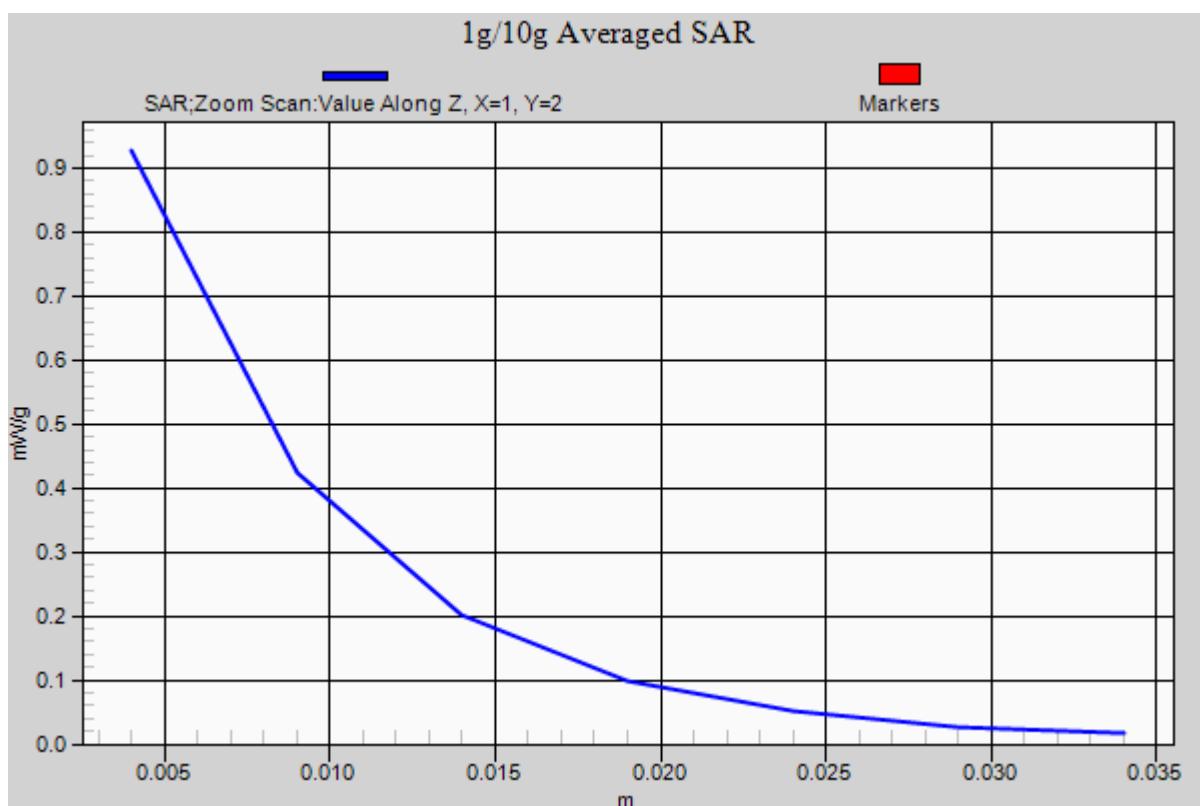
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.599 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 2.461 mW/g

**SAR(1 g) = 0.896 mW/g; SAR(10 g) = 0.355 mW/g**

Maximum value of SAR (measured) = 0.927 mW/g



## #306 WLAN2.4G\_802.11n(20M)\_Edge4 Bottom Face\_Tilted\_0cm\_Ch1\_Ant1+2

**DUT: 240709**

Communication System: 802.11n; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120915 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.918 \text{ mho/m}$ ;  $\epsilon_r = 52.404$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch1/Area Scan (101x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.399 mW/g

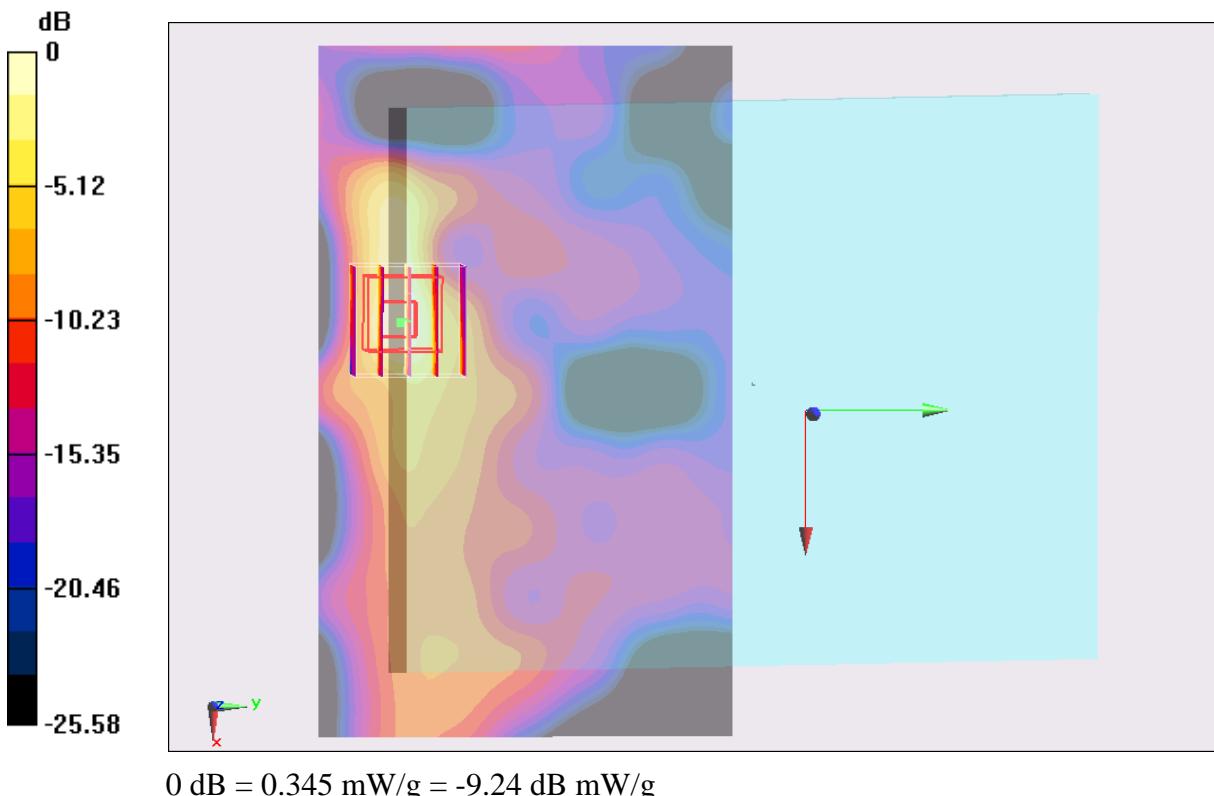
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.329 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 0.835 mW/g

**SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.122 mW/g**

Maximum value of SAR (measured) = 0.345 mW/g



## #307 WLAN2.4G\_802.11n(20M)\_Edge4 Bottom Face\_Tilted\_0cm\_Ch11\_Ant1+2

**DUT: 240709**

Communication System: 802.11n; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120915 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.986 \text{ mho/m}$ ;  $\epsilon_r = 52.236$ ;  $\rho$  $= 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch11/Area Scan (101x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.414 mW/g

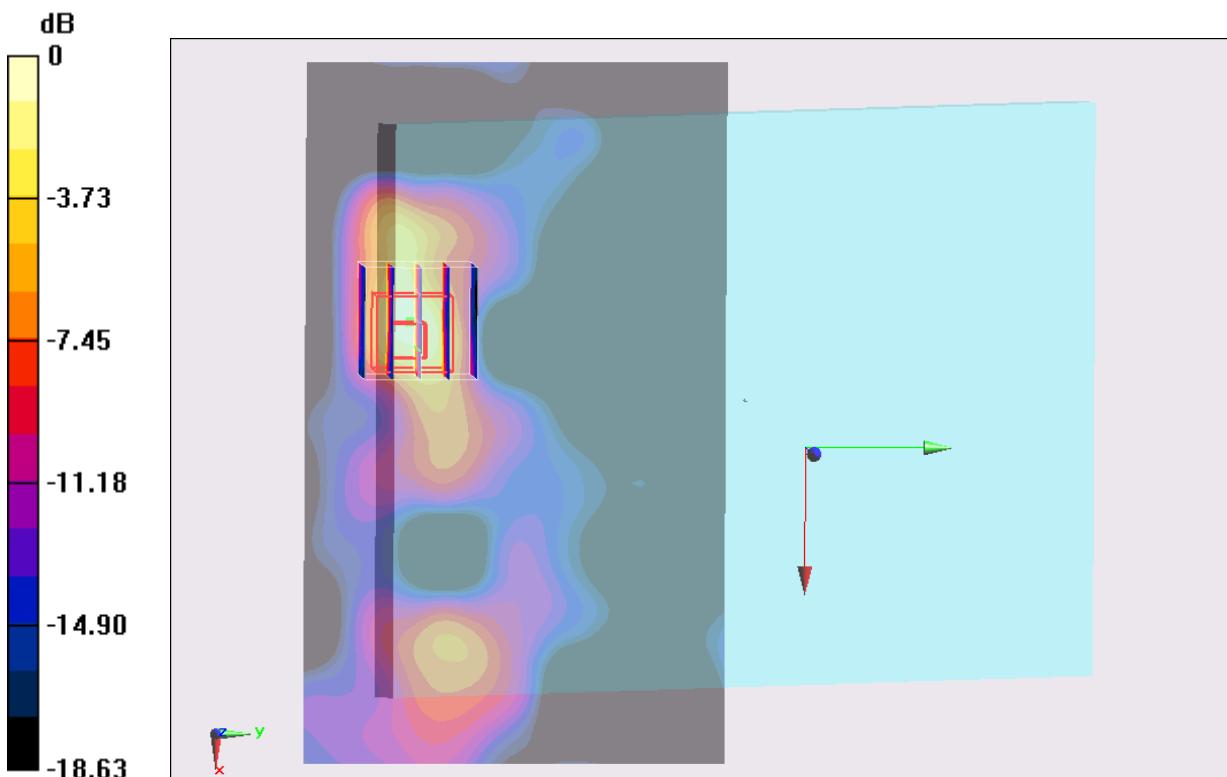
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.684 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 1.092 mW/g

**SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.157 mW/g**

Maximum value of SAR (measured) = 0.445 mW/g



## #302 WLAN2.4G\_802.11n(20M)\_Edge1 Bottom Face\_Tilted\_0cm\_Ch6\_Ant1+2

**DUT: 240709**

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120915 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.951 \text{ mho/m}$ ;  $\epsilon_r = 52.324$ ;  $\rho$  $= 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch6/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.765 mW/g

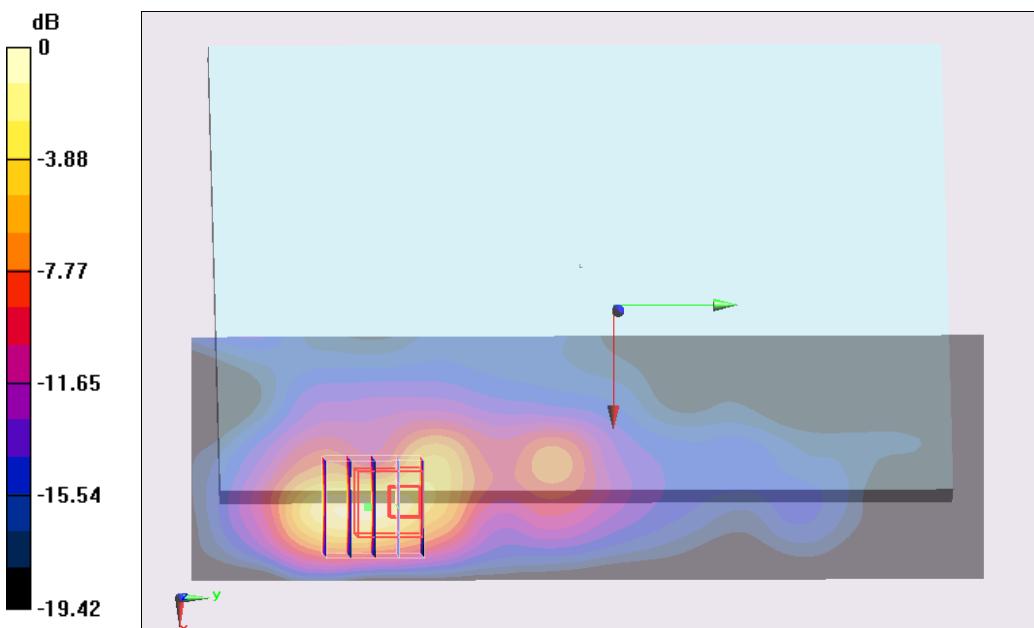
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.458 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 1.992 mW/g

**SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.342 mW/g**

Maximum value of SAR (measured) = 0.923 mW/g



0 dB = 0.923 mW/g = -0.70 dB mW/g

**#303 WLAN2.4G\_802.11n(20M)\_Edge1 Bottom Face\_Tilted\_0cm\_Ch1\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120913 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.904 \text{ mho/m}$ ;  $\epsilon_r = 53.957$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch1/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.282 mW/g

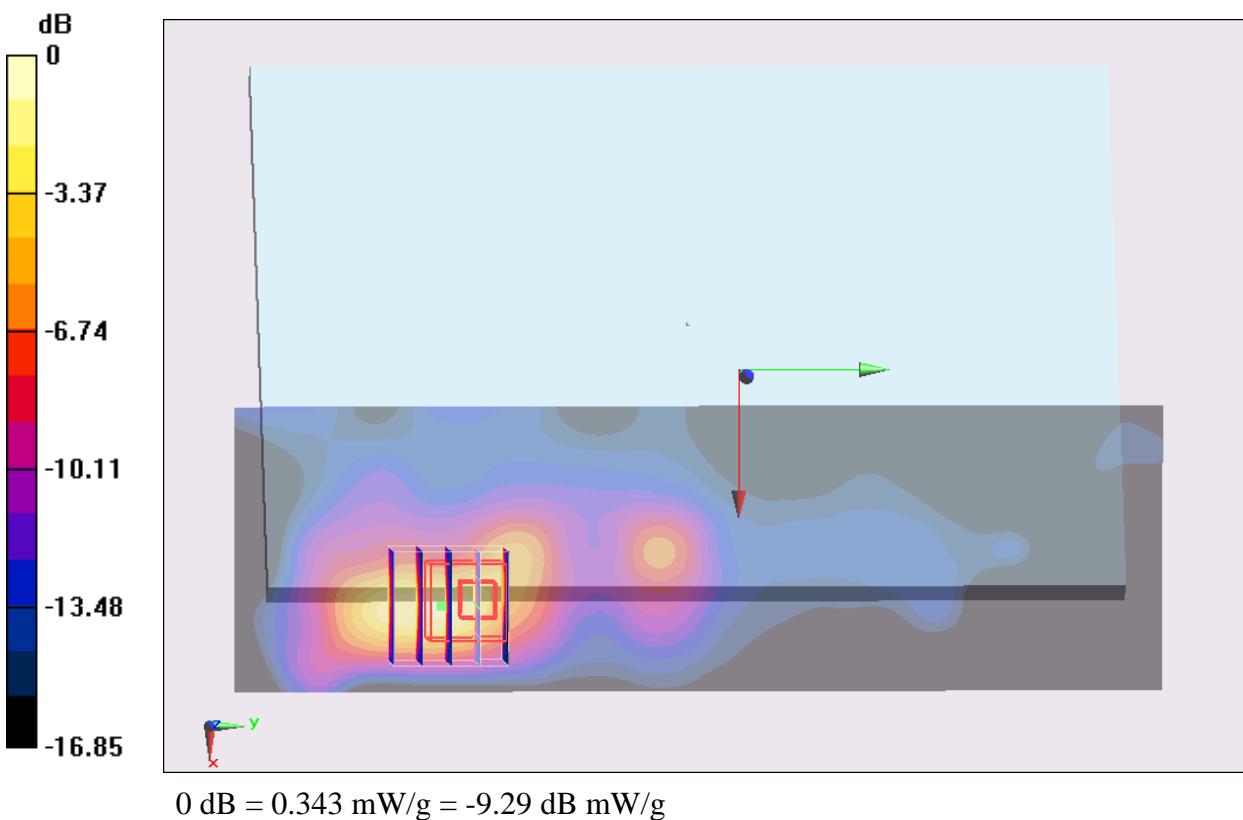
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.764 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.816 mW/g

**SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.124 mW/g**

Maximum value of SAR (measured) = 0.343 mW/g



**#304 WLAN2.4G\_802.11n(20M)\_Edge1 Bottom Face\_Tilted\_0cm\_Ch11\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120913 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.973 \text{ mho/m}$ ;  $\epsilon_r = 53.799$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch11/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.395 mW/g

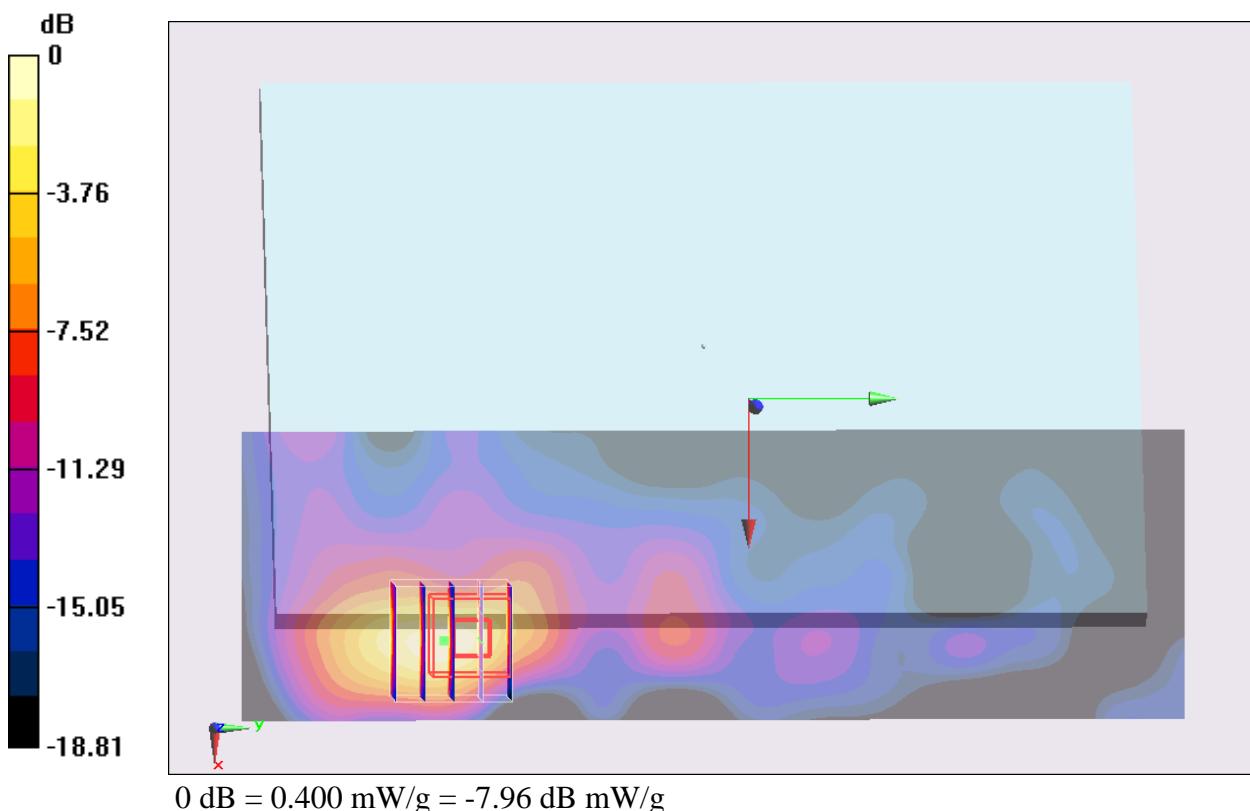
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.025 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 0.895 mW/g

**SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.142 mW/g**

Maximum value of SAR (measured) = 0.400 mW/g



**#203 WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch44\_Ant1****DUT: 240709**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120917 Medium parameters used:  $f = 5220 \text{ MHz}$ ;  $\sigma = 5.31 \text{ mho/m}$ ;  $\epsilon_r = 48.5$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch44/Area Scan (81x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.901 mW/g

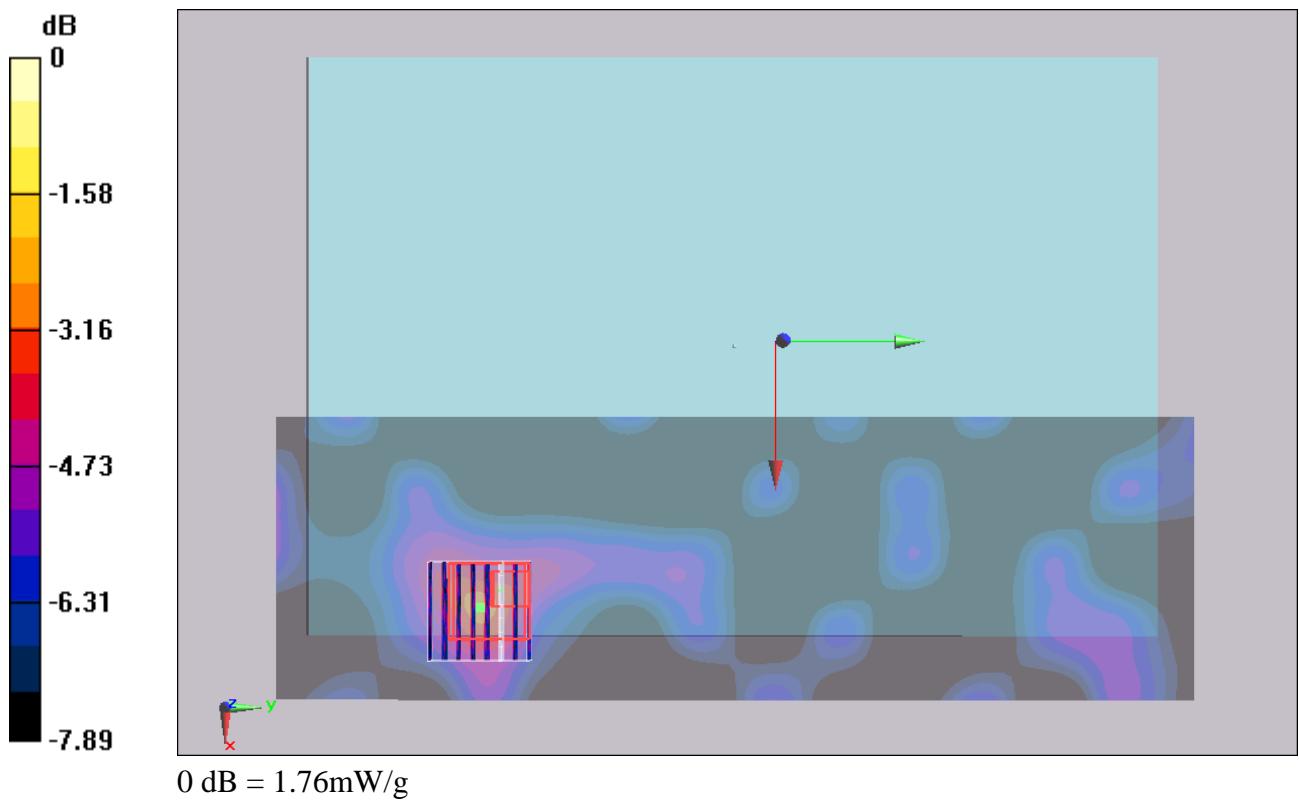
**Ch44/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.1 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 2.78 W/kg

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.558 mW/g**

Maximum value of SAR (measured) = 1.76 mW/g



**#203 WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch44\_Ant1\_2D****DUT: 240709**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120917 Medium parameters used:  $f = 5220 \text{ MHz}$ ;  $\sigma = 5.31 \text{ mho/m}$ ;  $\epsilon_r = 48.5$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

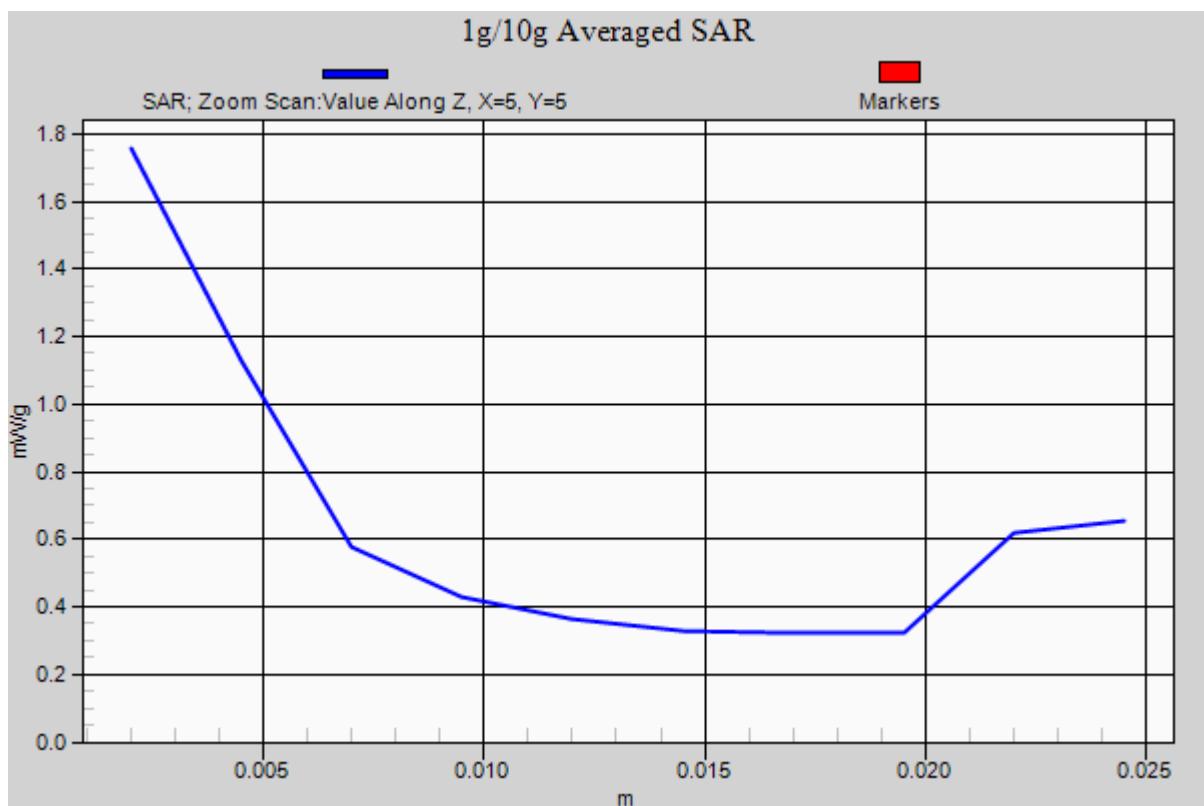
**Ch44/Area Scan (81x261x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.901 mW/g**Ch44/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.1 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 2.78 W/kg

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.558 mW/g**

Maximum value of SAR (measured) = 1.76 mW/g



**#217 WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch40\_Ant1****DUT: 240709**

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120917 Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 5.28 \text{ mho/m}$ ;  $\epsilon_r = 48.5$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch40/Area Scan (81x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.05 mW/g

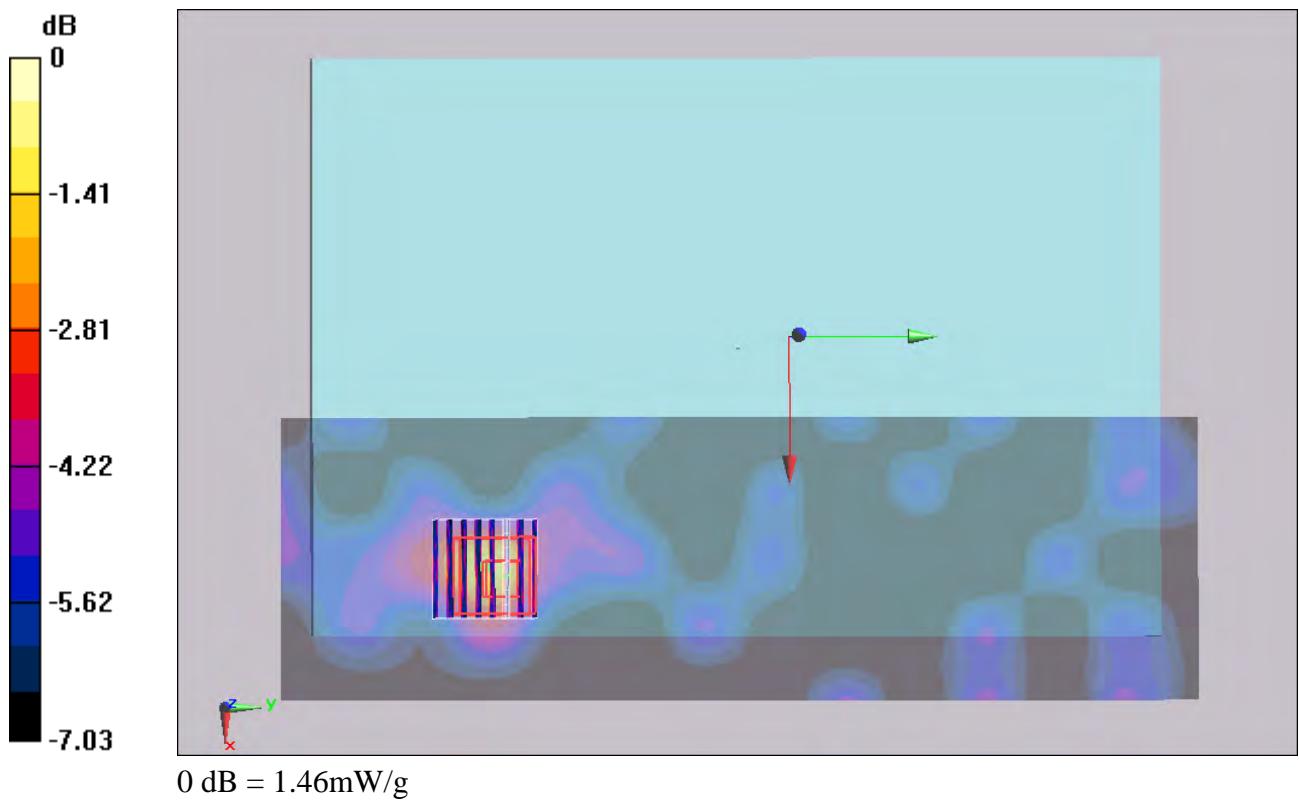
**Ch40/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.2 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 2.36 W/kg

**SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.525 mW/g**

Maximum value of SAR (measured) = 1.46 mW/g



**#204 WLAN5G\_802.11a\_Edge1\_0cm\_Ch44\_Ant1****DUT: 240709**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120917 Medium parameters used:  $f = 5220 \text{ MHz}$ ;  $\sigma = 5.31 \text{ mho/m}$ ;  $\epsilon_r = 48.5$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch44/Area Scan (61x281x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.523 mW/g

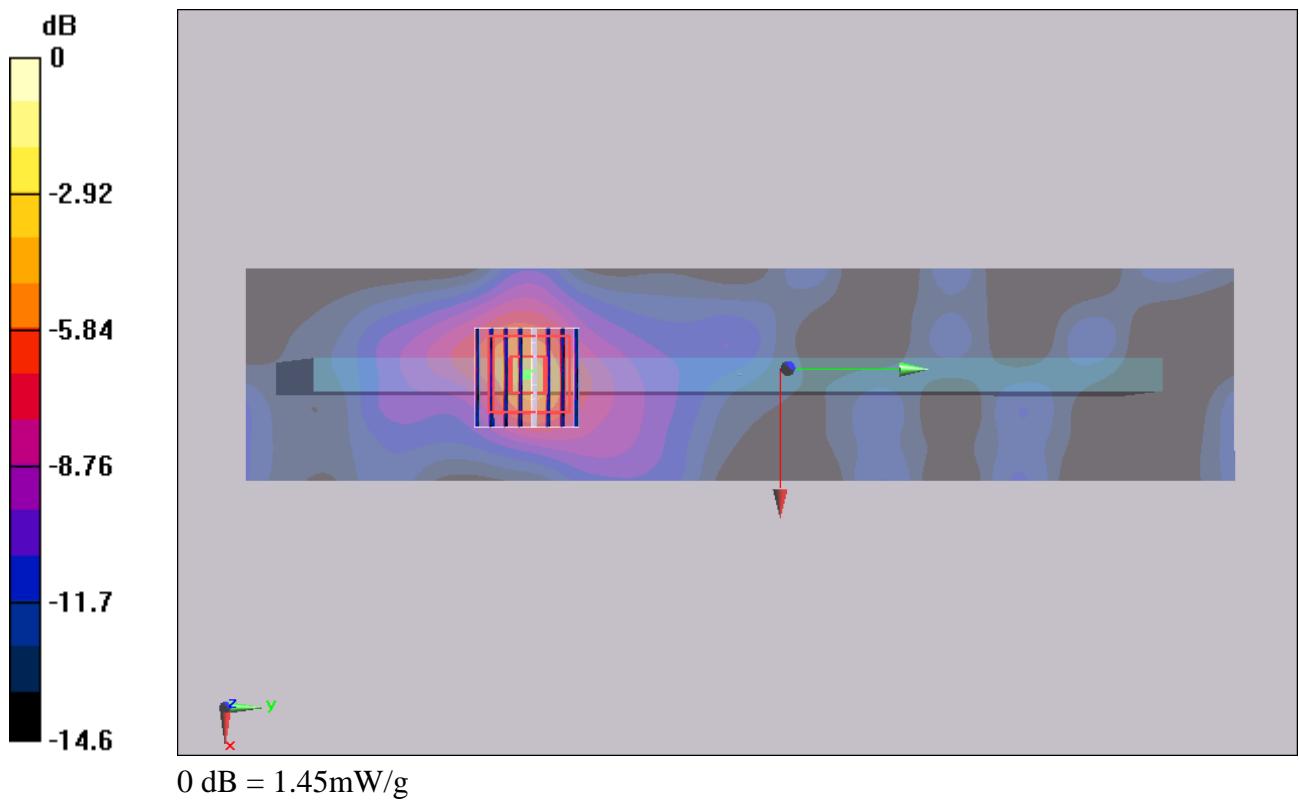
**Ch44/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.58 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 2.98 W/kg

**SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.28 mW/g**

Maximum value of SAR (measured) = 1.45 mW/g



**#222 WLAN5G\_802.11a\_Edge1\_0cm\_Ch40\_Ant1****DUT: 240709**

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120917 Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 5.28 \text{ mho/m}$ ;  $\epsilon_r = 48.5$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch40/Area Scan (61x281x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.527 mW/g

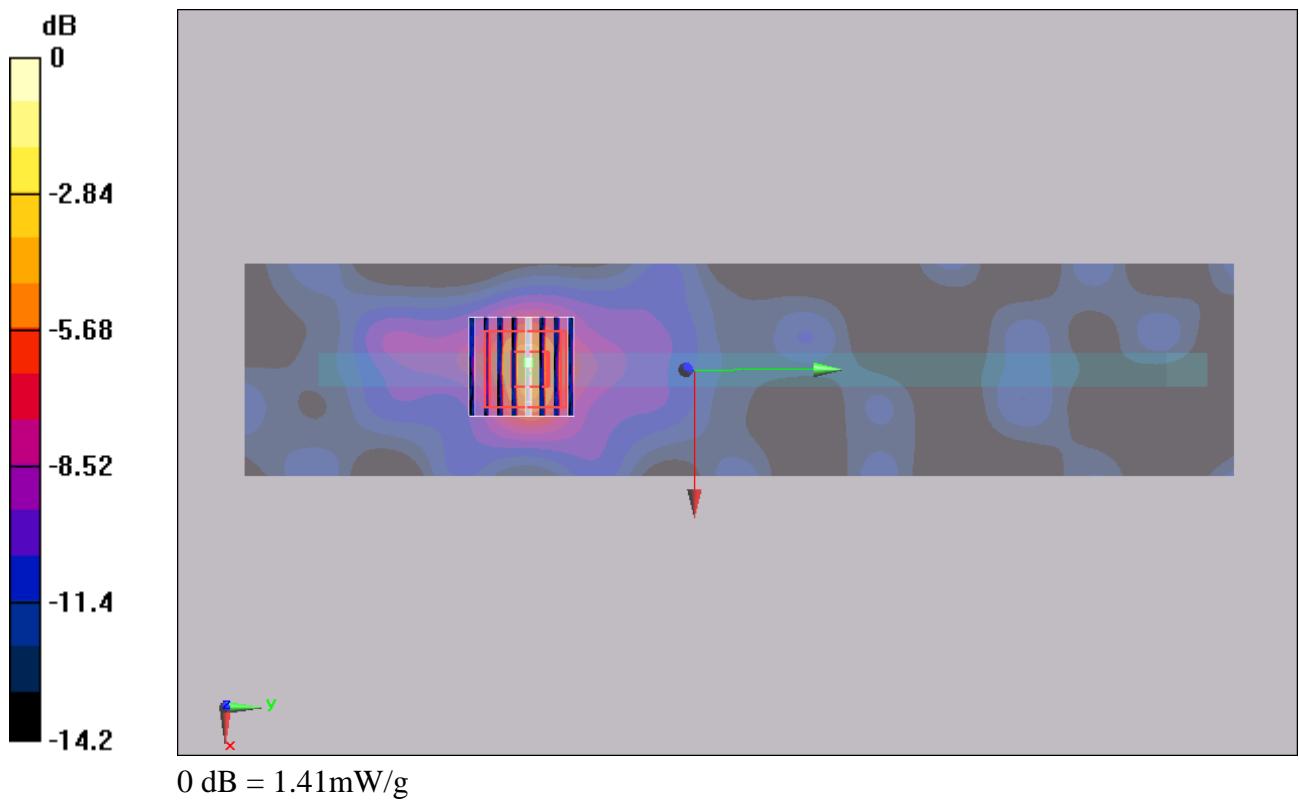
**Ch40/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.33 V/m; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 2.69 W/kg

**SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.263 mW/g**

Maximum value of SAR (measured) = 1.41 mW/g



**#255 WLAN5G\_802.11a\_Edge 4\_0cm\_Ch44\_Ant 1****DUT: 240709**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120725 Medium parameters used:  $f = 5220 \text{ MHz}$ ;  $\sigma = 5.33 \text{ mho/m}$ ;  $\epsilon_r = 49.157$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch44/Area Scan (61x201x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.114 mW/g

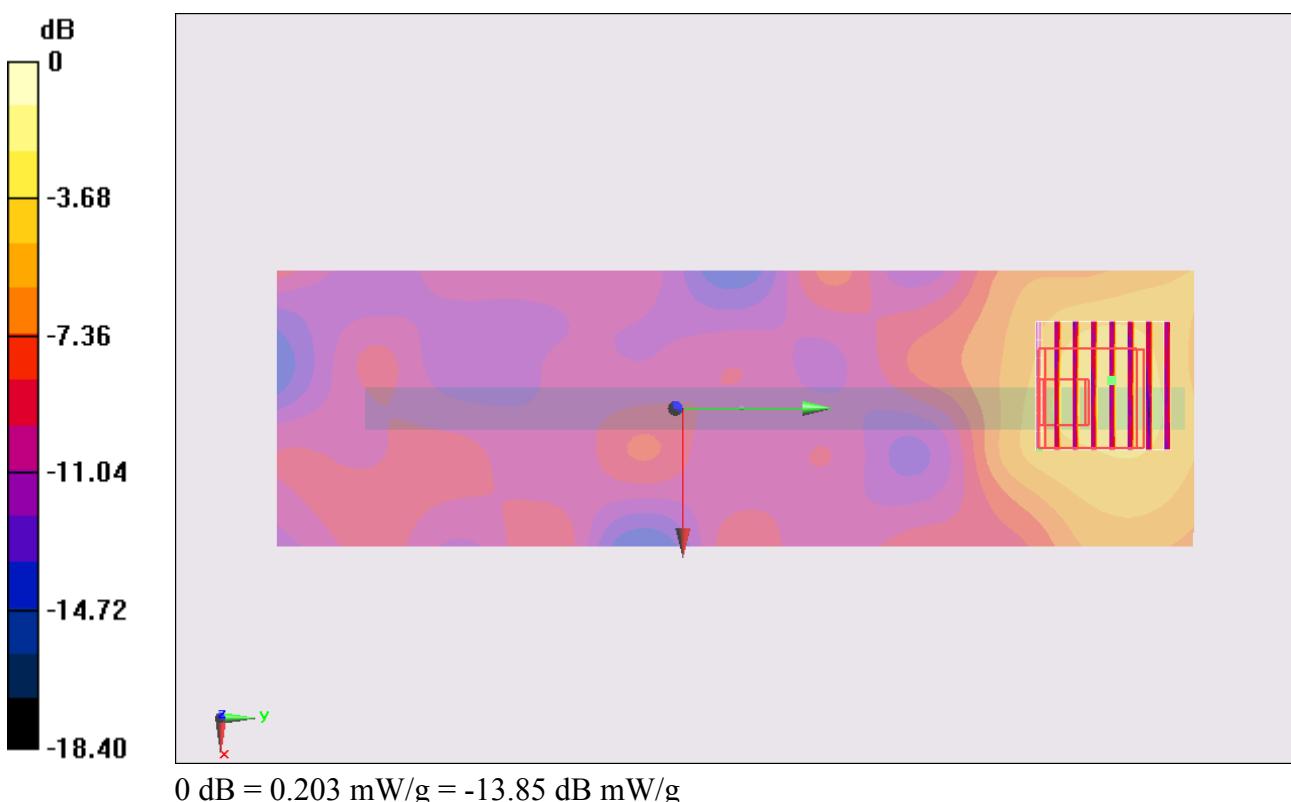
**Ch44/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.719 V/m; Power Drift = 0.161 dB

Peak SAR (extrapolated) = 0.415 mW/g

**SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.046 mW/g**

Maximum value of SAR (measured) = 0.203 mW/g



**#271 WLAN5G\_802.11a\_Edge1 Bottom Face\_Tilted\_0cm\_Ch44\_Ant1****DUT: 240709**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120917 Medium parameters used:  $f = 5220 \text{ MHz}$ ;  $\sigma = 5.31 \text{ mho/m}$ ;  $\epsilon_r = 48.5$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

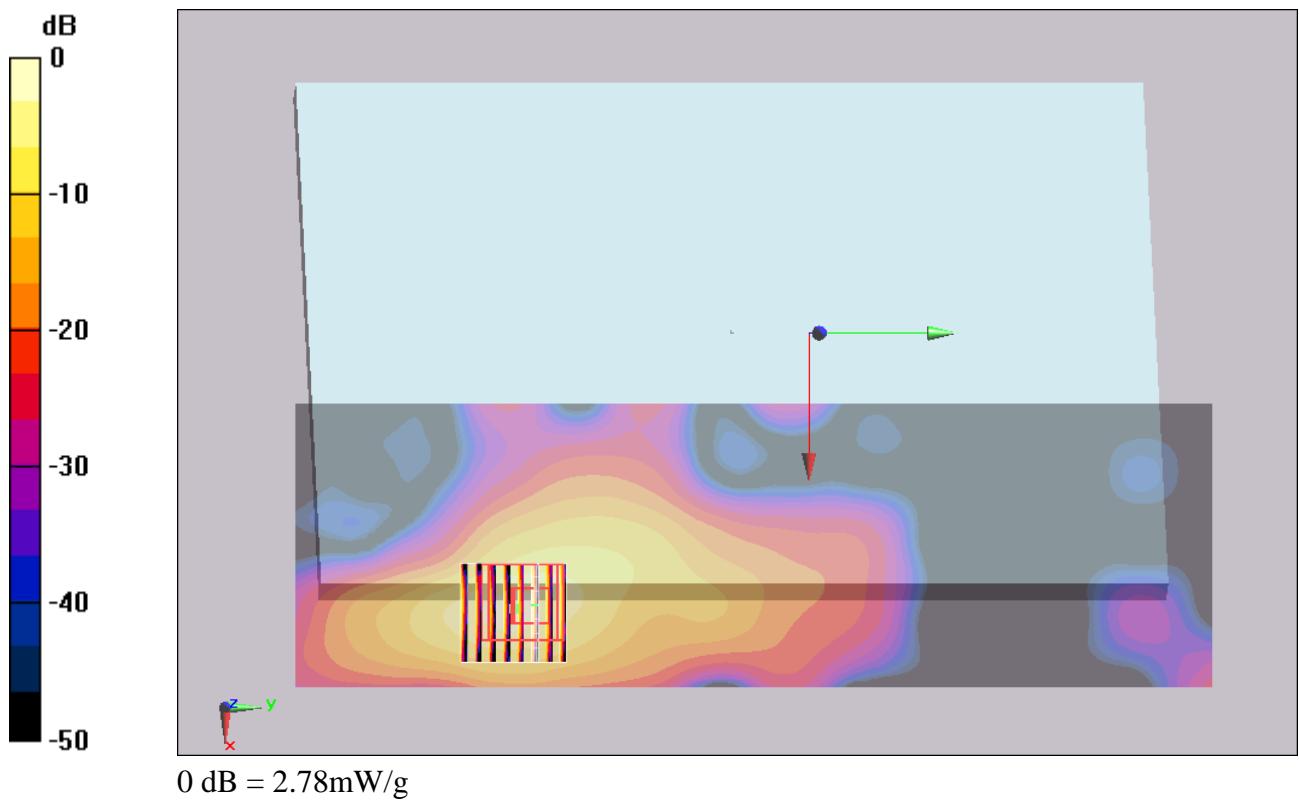
- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch44/Area Scan (81x261x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 1.85 mW/g**Ch44/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 0.175 V/m; Power Drift = 0.199 dB

Peak SAR (extrapolated) = 4.86 W/kg

**SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.345 mW/g**

Maximum value of SAR (measured) = 2.78 mW/g



**#271 WLAN5G\_802.11a\_Edge1 Bottom Face\_Tilted\_0cm\_Ch44\_Ant1\_2D****DUT: 240709**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120917 Medium parameters used:  $f = 5220 \text{ MHz}$ ;  $\sigma = 5.31 \text{ mho/m}$ ;  $\epsilon_r = 48.5$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

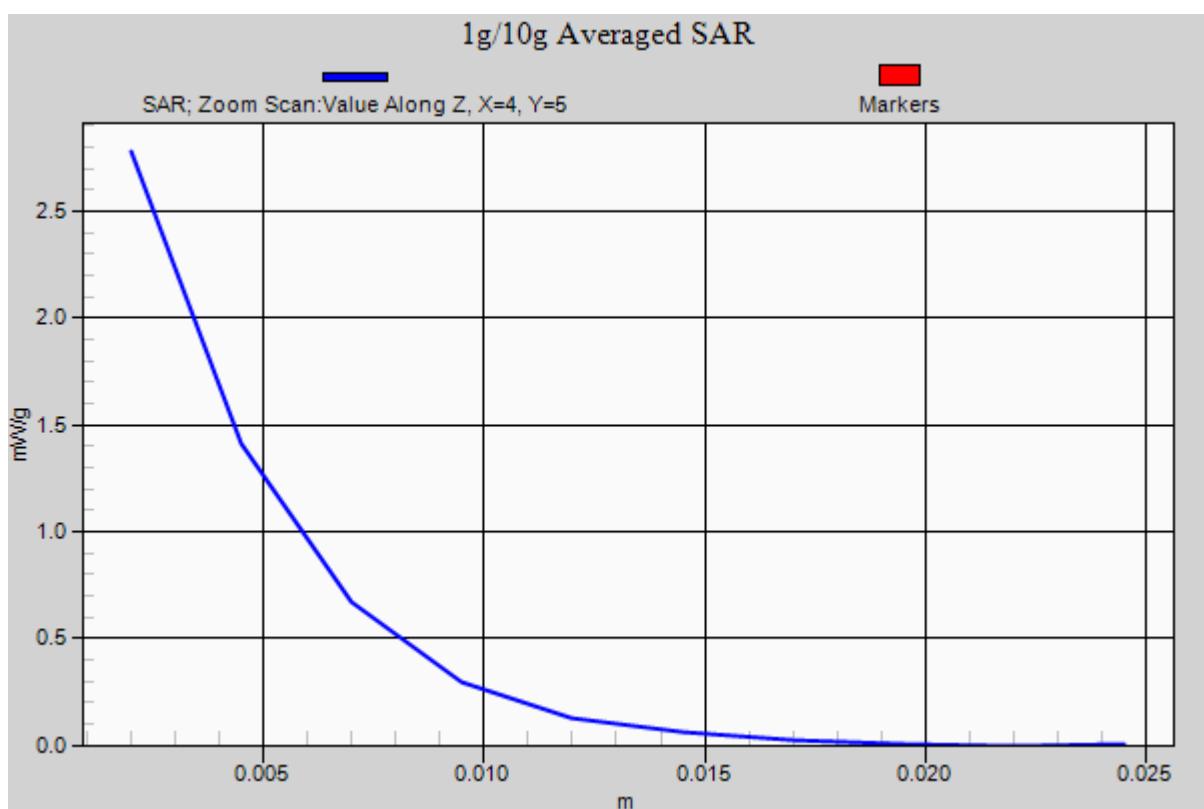
**Ch44/Area Scan (81x261x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 1.85 mW/g**Ch44/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.175 V/m; Power Drift = 0.199 dB

Peak SAR (extrapolated) = 4.86 W/kg

**SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.345 mW/g**

Maximum value of SAR (measured) = 2.78 mW/g



**#272 WLAN5G\_802.11a\_Edge1 Bottom Face\_Tilted\_0cm\_Ch40\_Ant1****DUT: 240709**

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120917 Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 5.28 \text{ mho/m}$ ;  $\epsilon_r = 48.5$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch40/Area Scan (41x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.72 mW/g

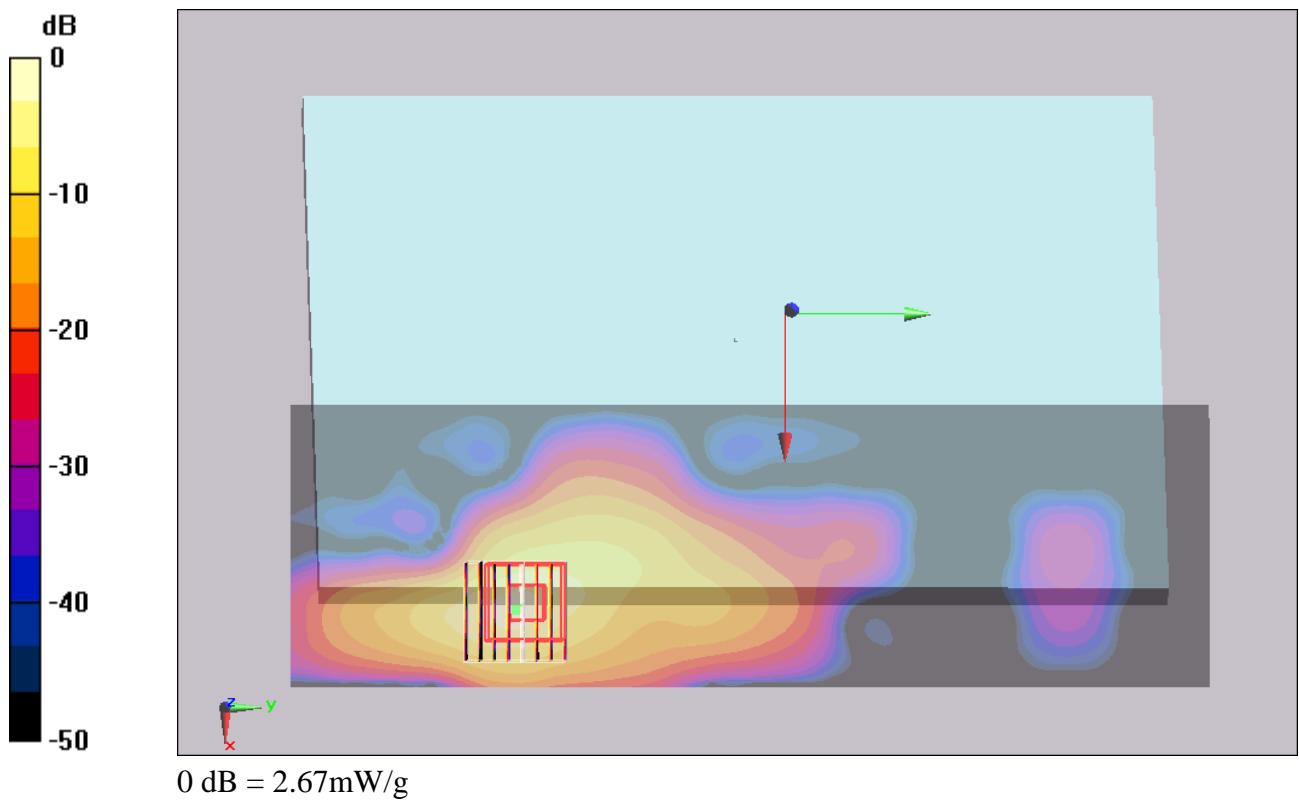
**Ch40/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.532 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 4.86 W/kg

**SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.341 mW/g**

Maximum value of SAR (measured) = 2.67 mW/g



**#207 WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch60\_Ant1****DUT: 240709**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120917 Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 5.439 \text{ mho/m}$ ;  $\epsilon_r = 48.992$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch60/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.53 mW/g

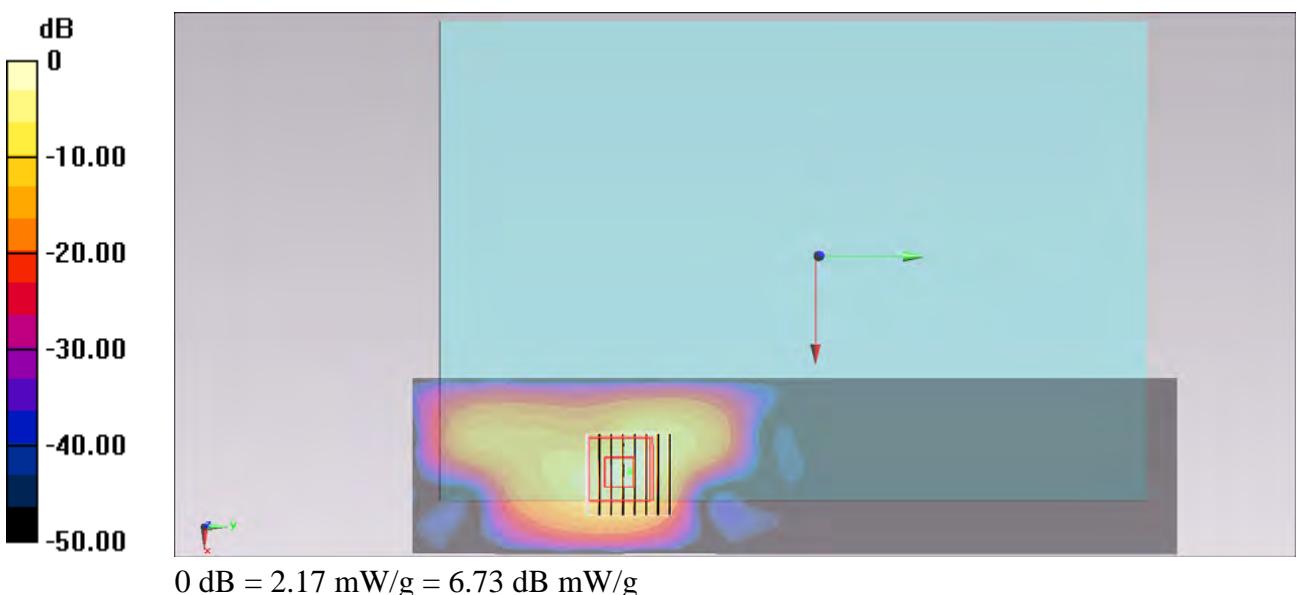
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 4.071 mW/g

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.296 mW/g**

Maximum value of SAR (measured) = 2.17 mW/g



**#218 WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch56\_Ant1****DUT: 240709**

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120917 Medium parameters used :  $f = 5280 \text{ MHz}$ ;  $\sigma = 5.415 \text{ mho/m}$ ;  $\epsilon_r = 49.041$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch56/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.35 mW/g

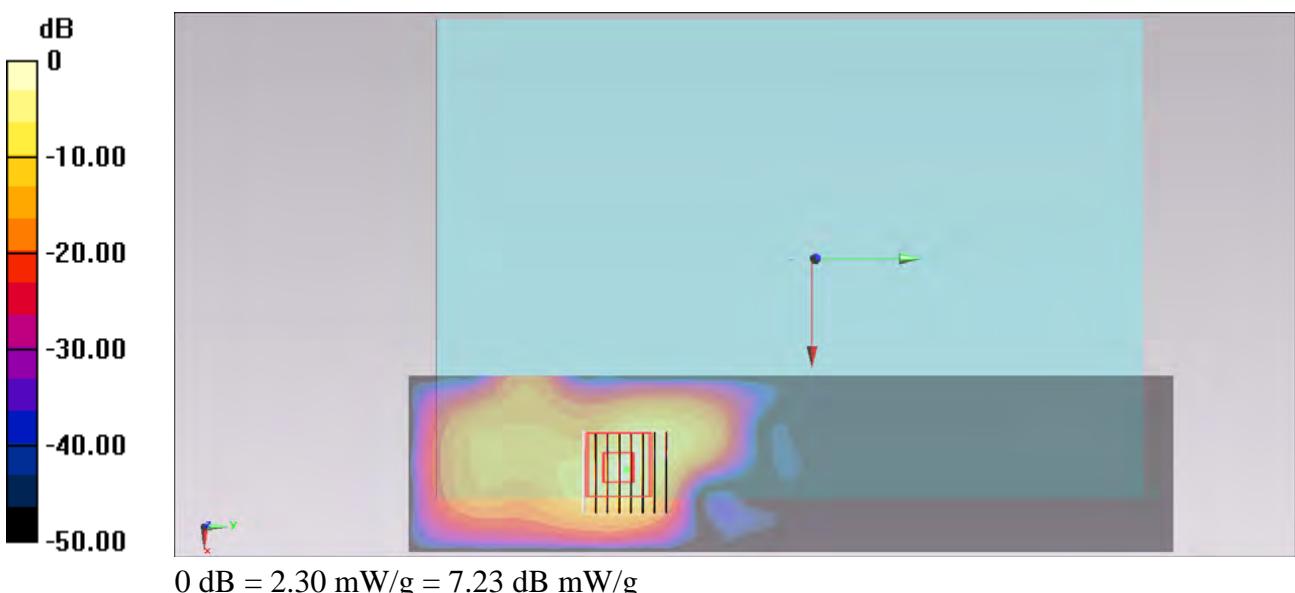
**Ch56/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 4.290 mW/g

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.302 mW/g**

Maximum value of SAR (measured) = 2.30 mW/g



**#218 WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch56\_Ant1\_2D****DUT: 240709**

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120917 Medium parameters used:  $f = 5280 \text{ MHz}$ ;  $\sigma = 5.415 \text{ mho/m}$ ;  $\epsilon_r = 49.041$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch56/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.35 mW/g

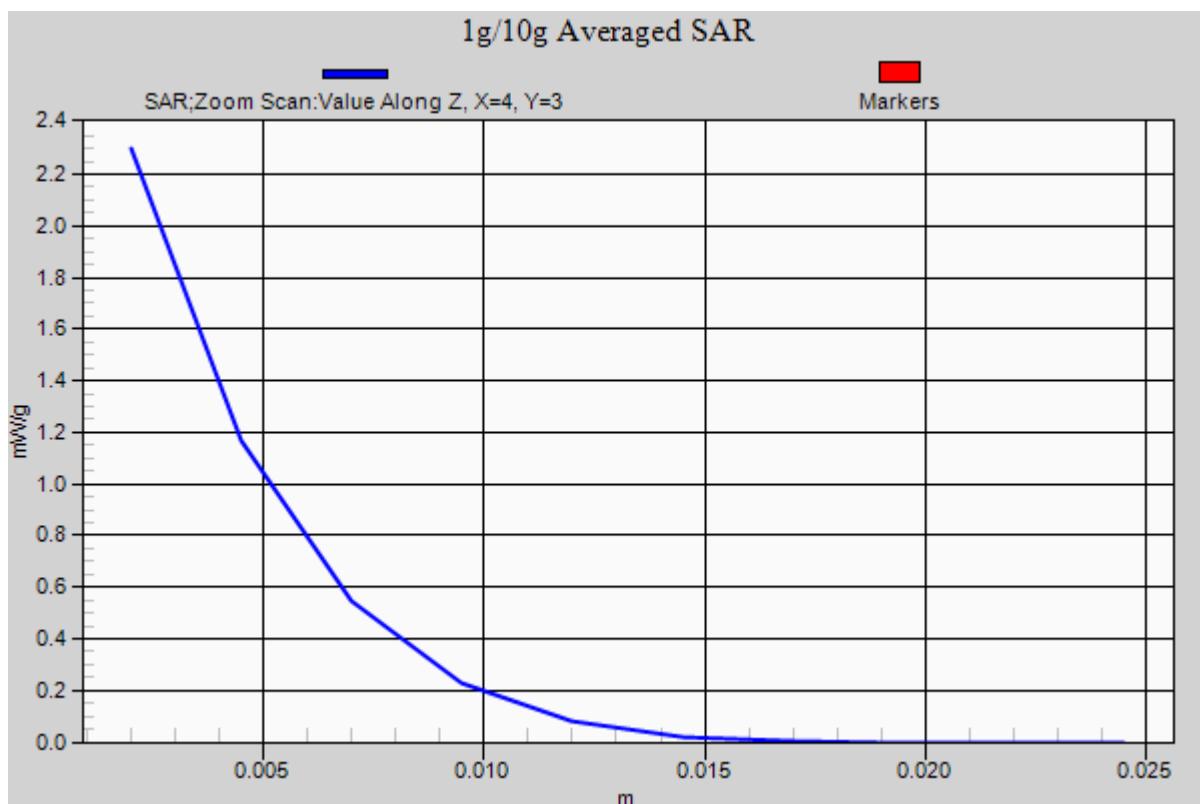
**Ch56/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.157 dB

Peak SAR (extrapolated) = 4.290 mW/g

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.302 mW/g**

Maximum value of SAR (measured) = 2.30 mW/g



**#208 WLAN5G\_802.11a\_Edge1\_0cm\_Ch60\_Ant1****DUT: 240709**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120917 Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 5.439 \text{ mho/m}$ ;  $\epsilon_r = 48.992$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch60/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.56 mW/g

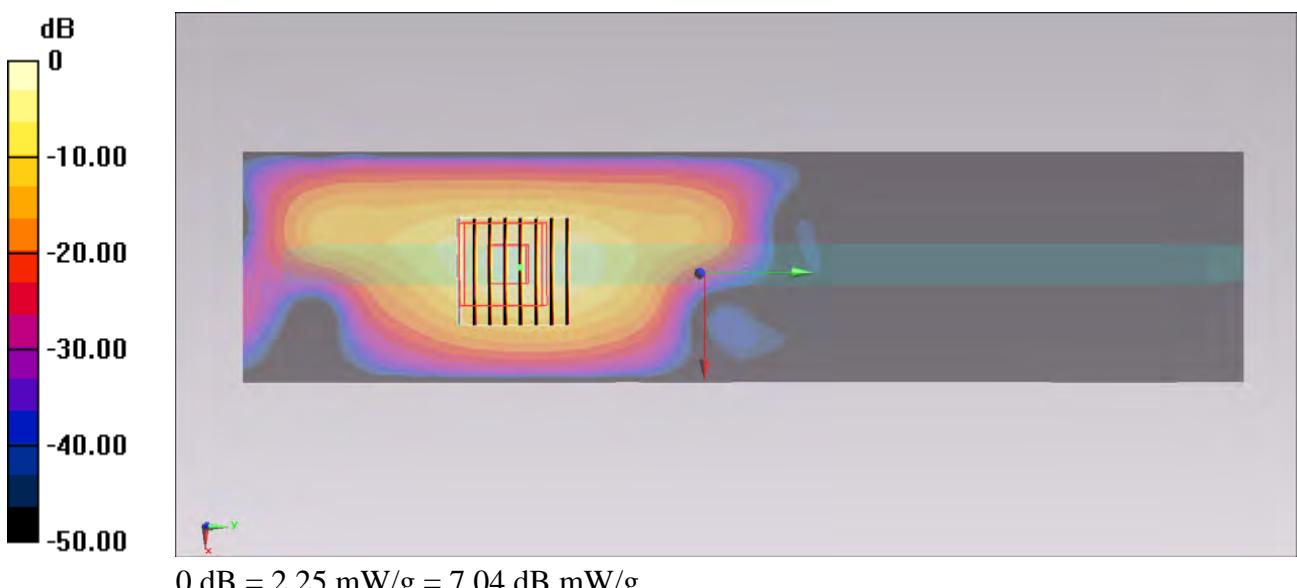
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.135 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 3.929 mW/g

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.323 mW/g**

Maximum value of SAR (measured) = 2.25 mW/g



**#223 WLAN5G\_802.11a\_Edge1\_0cm\_Ch56\_Ant1****DUT: 240709**

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120917 Medium parameters used :  $f = 5280 \text{ MHz}$ ;  $\sigma = 5.415 \text{ mho/m}$ ;  $\epsilon_r = 49.041$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch56/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.14 mW/g

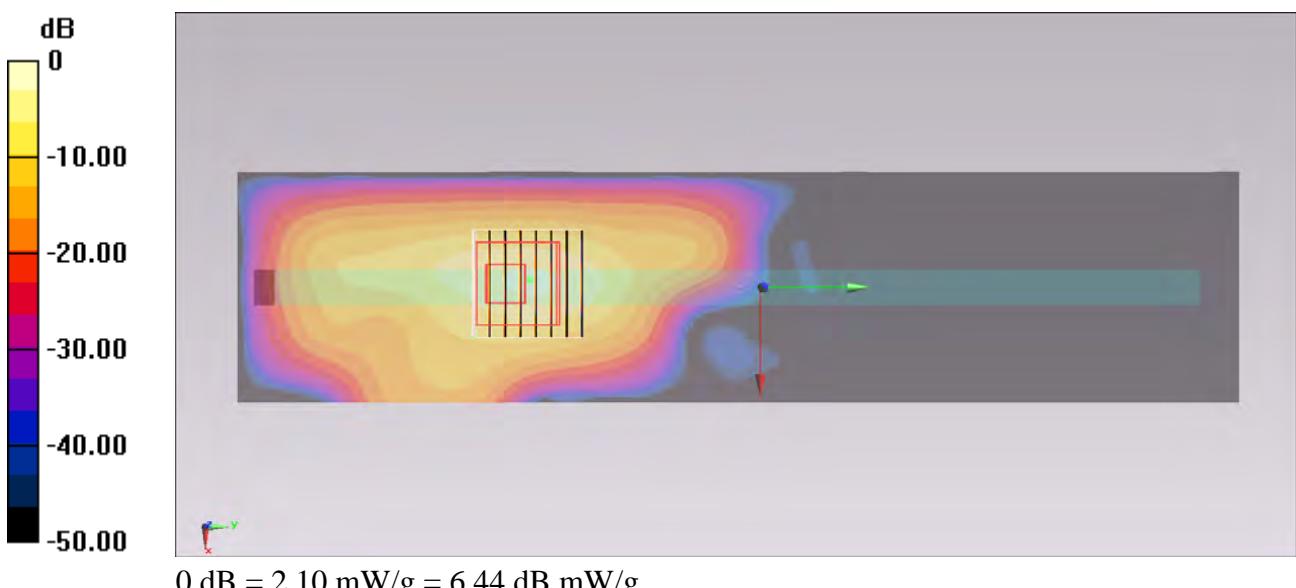
**Ch56/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.229 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.857 mW/g

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.308 mW/g**

Maximum value of SAR (measured) = 2.10 mW/g



**#265 WLAN5G\_802.11a\_Edge 4\_0cm\_Ch60\_Ant 1****DUT: 240709**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120725 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.439$  mho/m;  $\epsilon_r = 48.992$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch60/Area Scan (81x201x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.165 mW/g

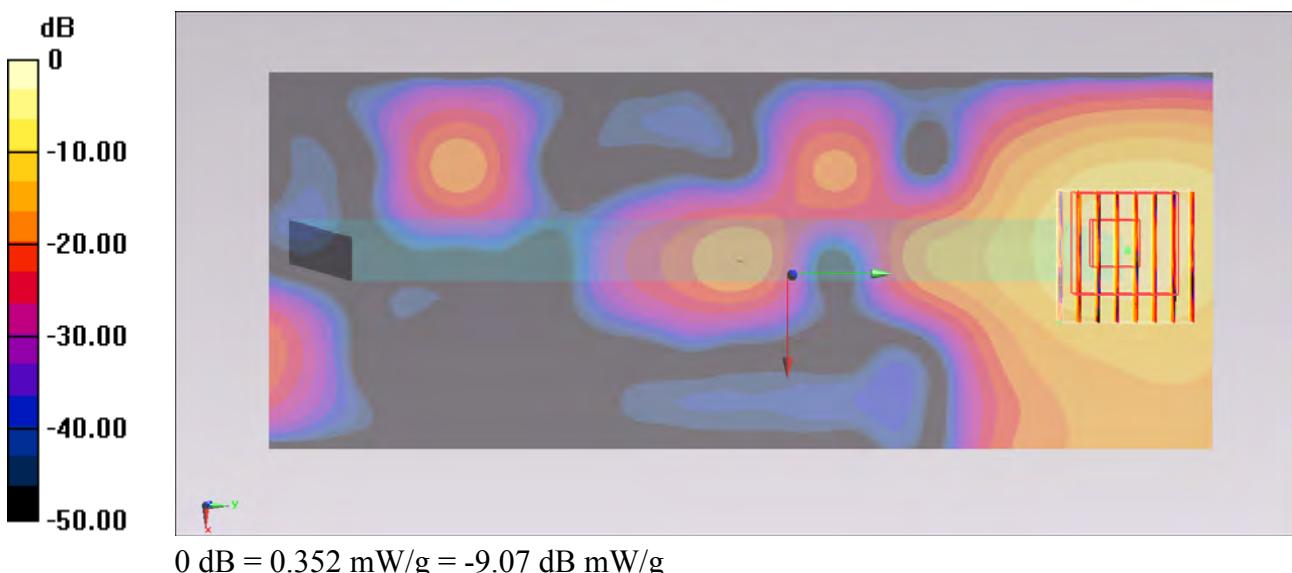
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.668 mW/g

**SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.051 mW/g**

Maximum value of SAR (measured) = 0.352 mW/g



**#277 WLAN5G\_802.11a\_Edge1 Bottom Face\_Tilted\_0cm\_Ch60\_Ant1****DUT: 240709**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.301$  mho/m;  $\epsilon_r = 48.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch60/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.991 mW/g

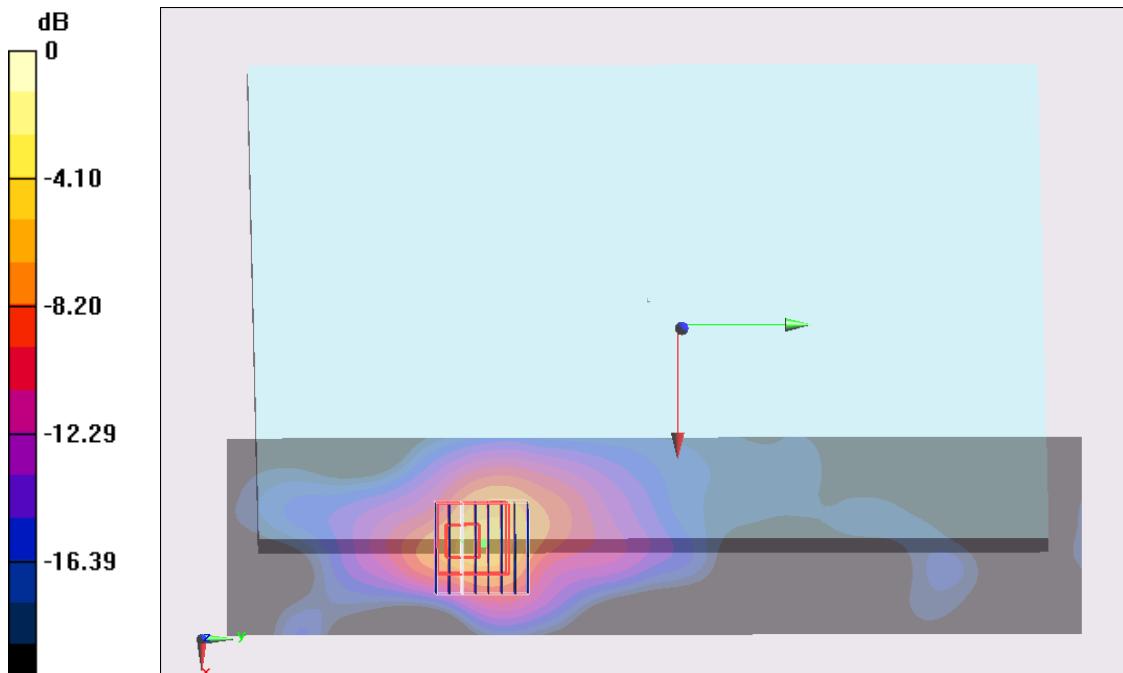
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.453 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 4.293 mW/g

**SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.392 mW/g**

Maximum value of SAR (measured) = 2.61 mW/g



**#277 WLAN5G\_802.11a\_Edge1 Bottom Face\_Tilted\_0cm\_Ch60\_Ant1\_2D****DUT: 240709**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.301$  mho/m;  $\epsilon_r = 48.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch60/Area Scan (31x131x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.991 mW/g

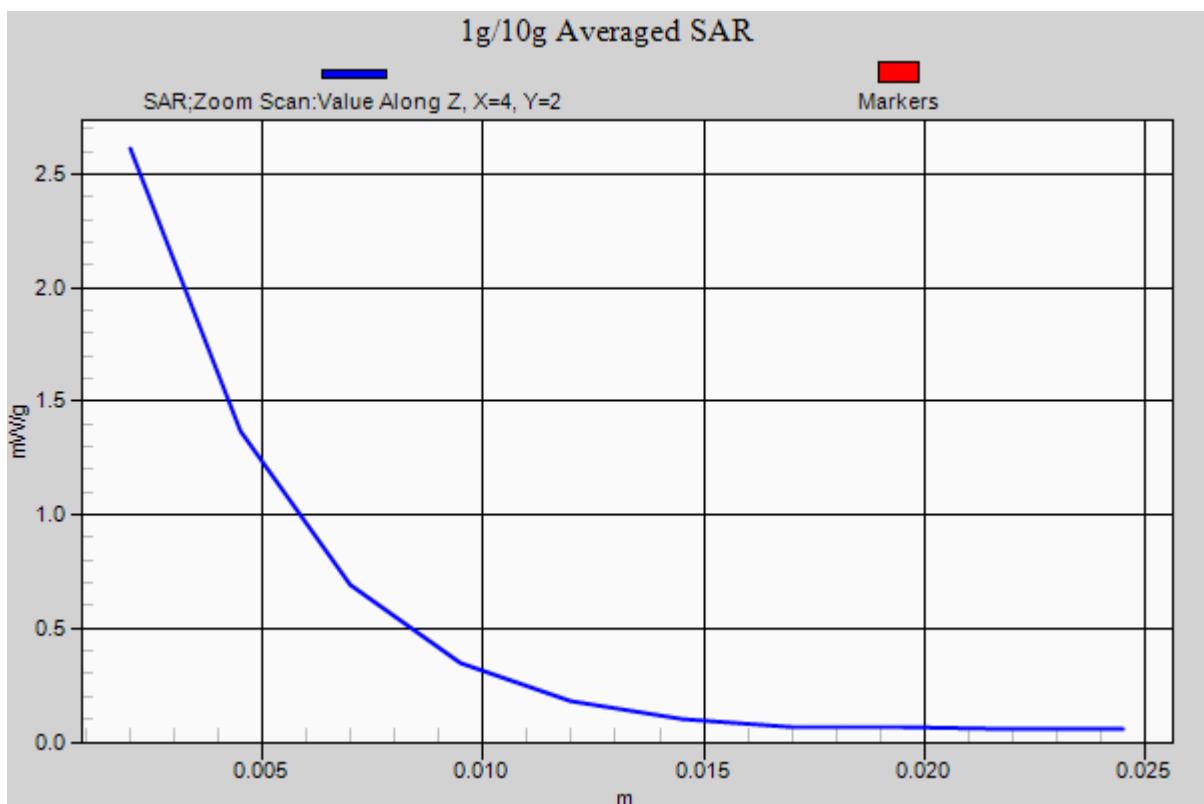
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.453 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 4.293 mW/g

**SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.392 mW/g**

Maximum value of SAR (measured) = 2.61 mW/g



**#283 WLAN5G\_802.11a\_Edge1 Bottom Face\_Tilted\_0cm\_Ch56\_Ant1****DUT: 240709**

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used :  $f = 5280 \text{ MHz}$ ;  $\sigma = 5.275 \text{ mho/m}$ ;  $\epsilon_r = 48.335$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch56/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.954 mW/g

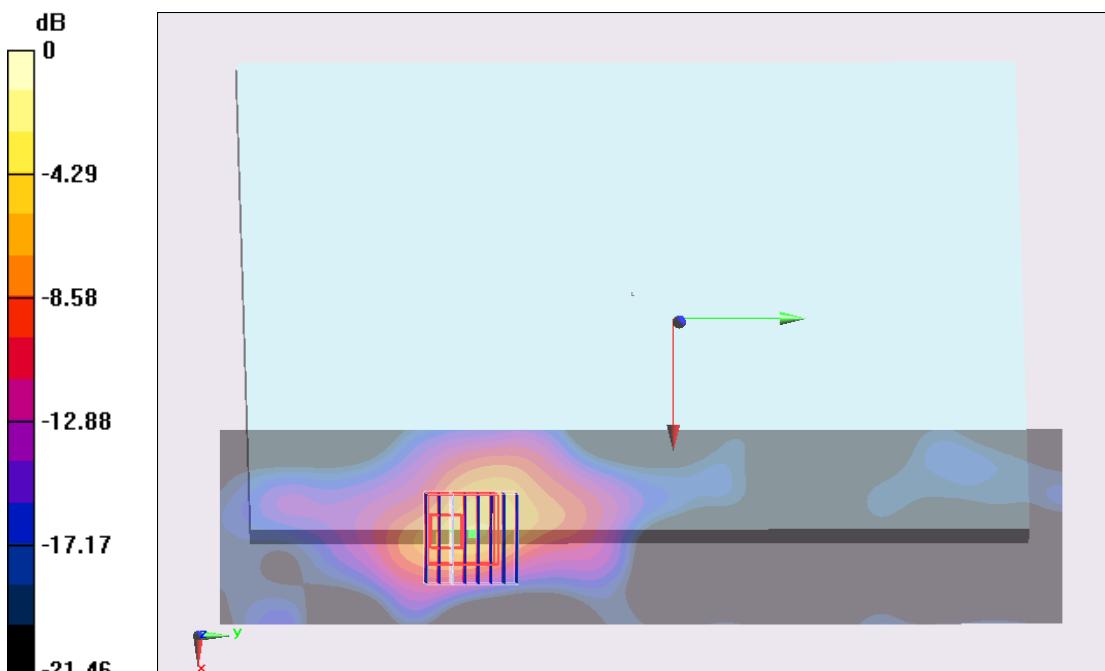
**Ch56/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.836 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 4.200 mW/g

**SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.367 mW/g**

Maximum value of SAR (measured) = 2.44 mW/g



**#209 WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch116\_Ant 1****DUT: 240709**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120725 Medium parameters used:  $f = 5580 \text{ MHz}$ ;  $\sigma = 5.842 \text{ mho/m}$ ;  $\epsilon_r = 48.345$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch116/Area Scan (181x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.471 mW/g

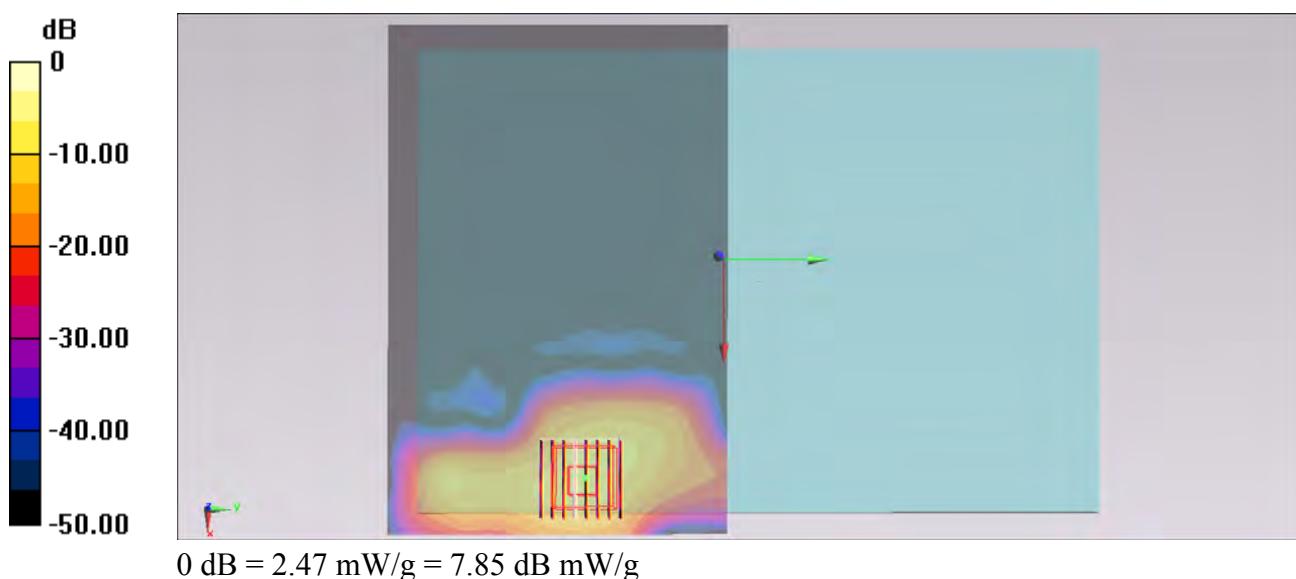
**Ch116/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.960 mW/g

**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.363 mW/g**

Maximum value of SAR (measured) = 2.47 mW/g



**#209 WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch116\_Ant 1\_2D****DUT: 240709**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120725 Medium parameters used :  $f = 5580 \text{ MHz}$ ;  $\sigma = 5.842 \text{ mho/m}$ ;  $\epsilon_r = 48.345$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch116/Area Scan (181x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.471 mW/g

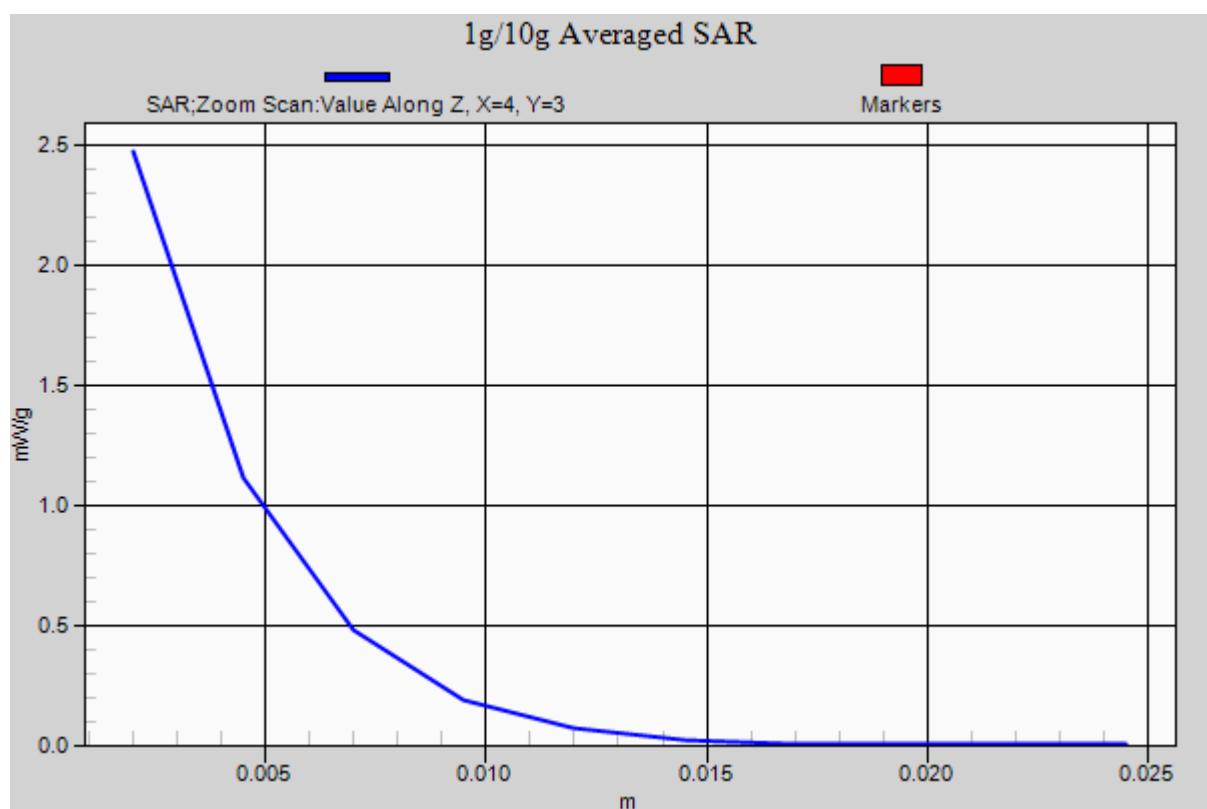
**Ch116/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.960 mW/g

**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.363 mW/g**

Maximum value of SAR (measured) = 2.47 mW/g



**#219 WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch104\_Ant 1****DUT: 240709**

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120725 Medium parameters used:  $f = 5520 \text{ MHz}$ ;  $\sigma = 5.762 \text{ mho/m}$ ;  $\epsilon_r = 48.52$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch104/Area Scan (181x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.50 mW/g

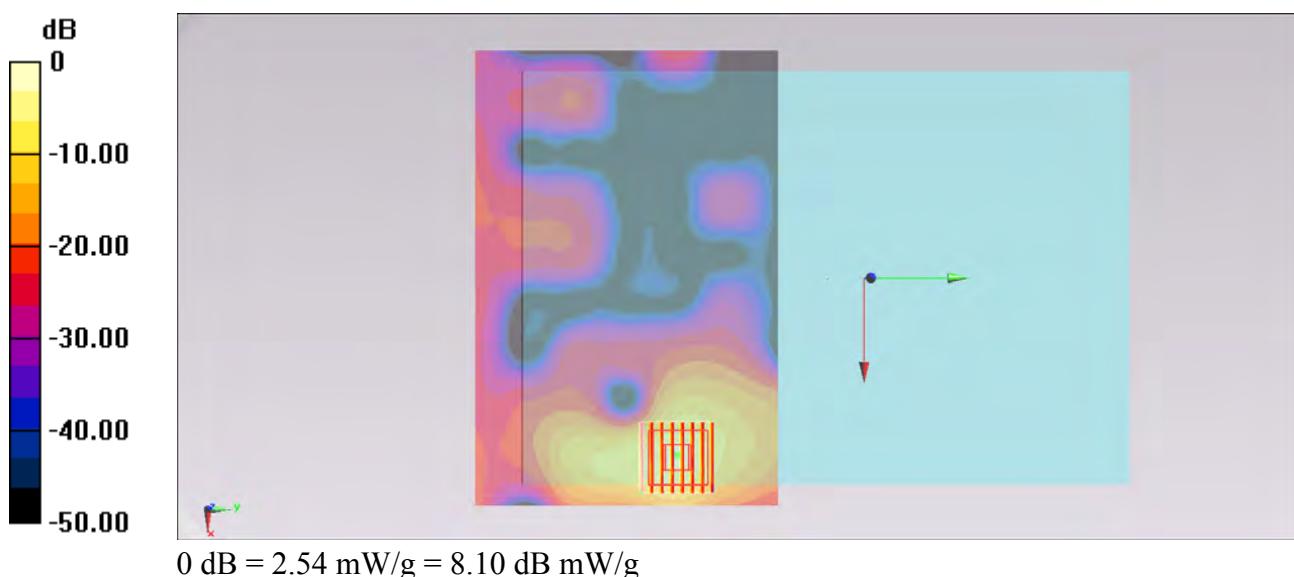
**Ch104/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 5.102 mW/g

**SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.340 mW/g**

Maximum value of SAR (measured) = 2.54 mW/g



**#220 WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch132\_Ant 1****DUT: 240709**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120725 Medium parameters used :  $f = 5660 \text{ MHz}$ ;  $\sigma = 5.96 \text{ mho/m}$ ;  $\epsilon_r = 48.157$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch132/Area Scan (181x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.30 mW/g

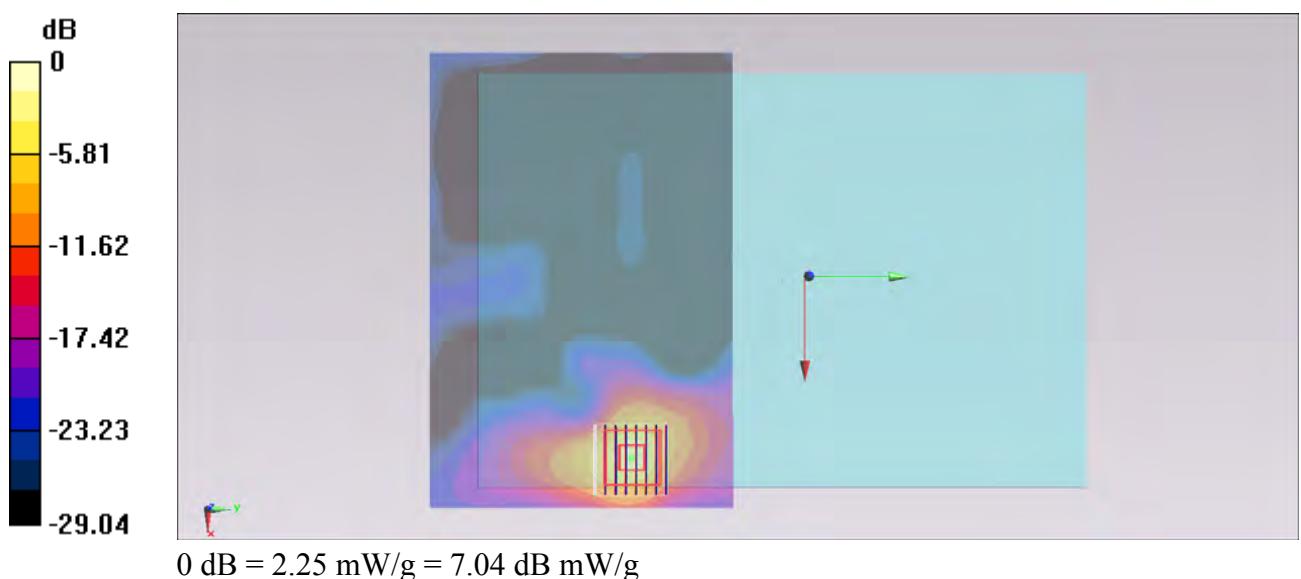
**Ch132/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.450 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 4.646 mW/g

**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.355 mW/g**

Maximum value of SAR (measured) = 2.25 mW/g



**#210 WLAN5G\_802.11a\_Edge 1\_0cm\_Ch116\_Ant 1****DUT: 240709**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120725 Medium parameters used:  $f = 5580 \text{ MHz}$ ;  $\sigma = 5.842 \text{ mho/m}$ ;  $\epsilon_r = 48.345$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch116/Area Scan (61x281x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.663 mW/g

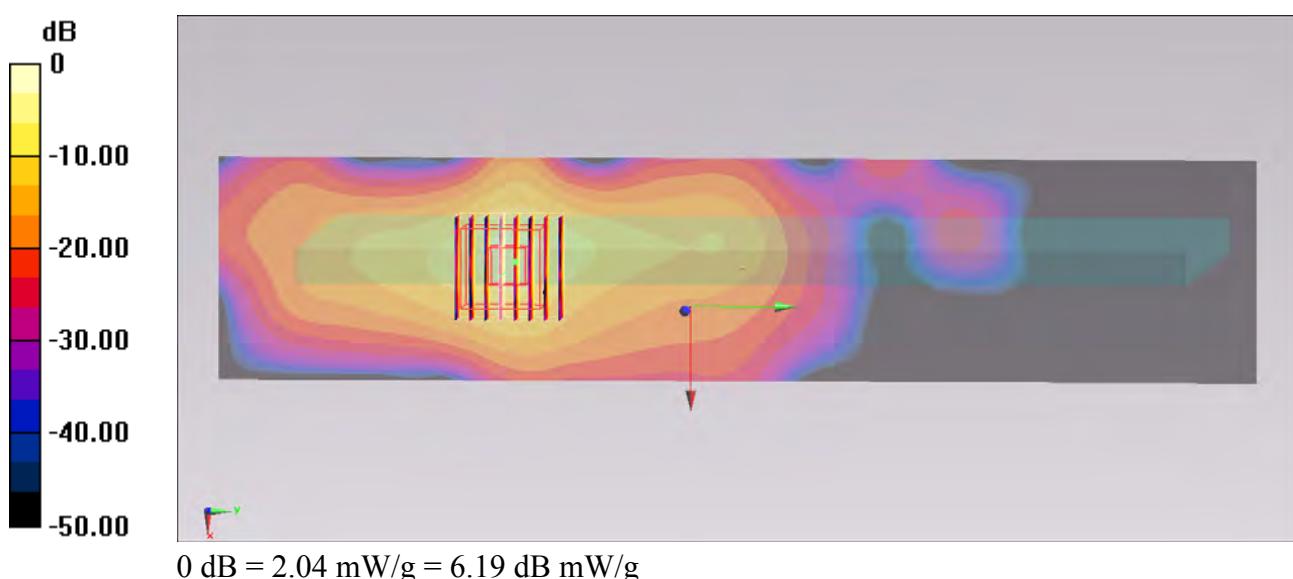
**Ch116/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.086 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 4.003 mW/g

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.314 mW/g**

Maximum value of SAR (measured) = 2.04 mW/g



**#224 WLAN5G\_802.11a\_Edge 1\_0cm\_Ch104\_Ant 1****DUT: 240709**

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120725 Medium parameters used:  $f = 5520 \text{ MHz}$ ;  $\sigma = 5.762 \text{ mho/m}$ ;  $\epsilon_r = 48.52$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch104/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.414 mW/g

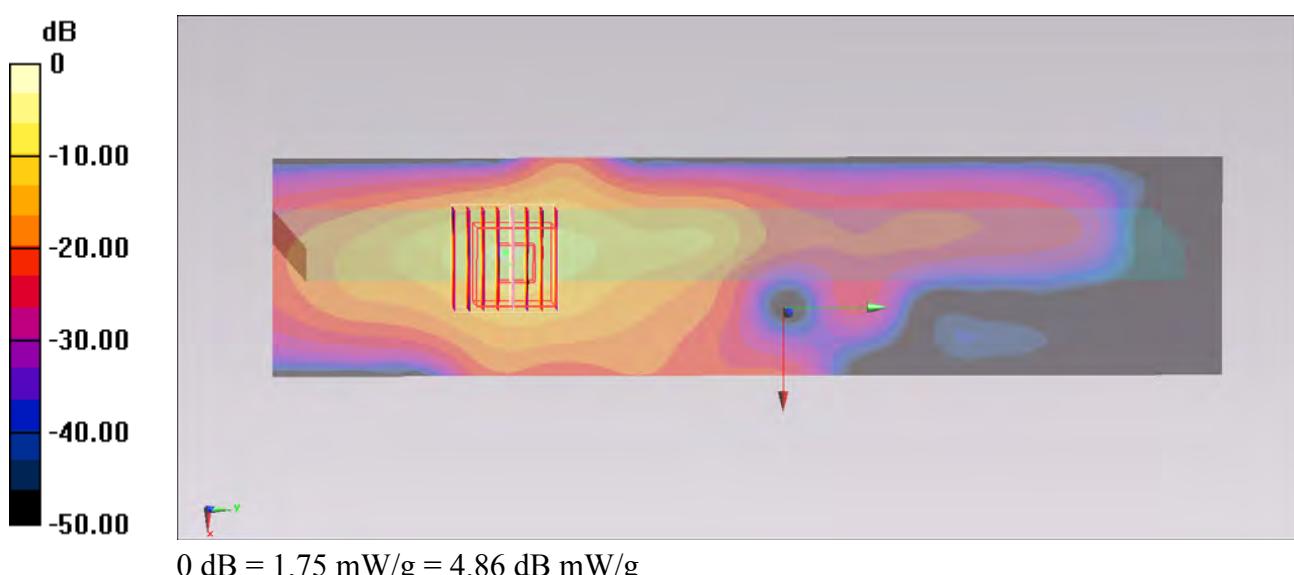
**Ch104/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.163 V/m; Power Drift = 0.128 dB

Peak SAR (extrapolated) = 3.174 mW/g

**SAR(1 g) = 0.831 mW/g; SAR(10 g) = 0.245 mW/g**

Maximum value of SAR (measured) = 1.75 mW/g



**#225 WLAN5G\_802.11a\_Edge 1\_0cm\_Ch132\_Ant 1****DUT: 240709**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1  
Medium: MSL\_5G\_120725 Medium parameters used:  $f = 5660 \text{ MHz}$ ;  $\sigma = 5.96 \text{ mho/m}$ ;  $\epsilon_r = 48.157$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

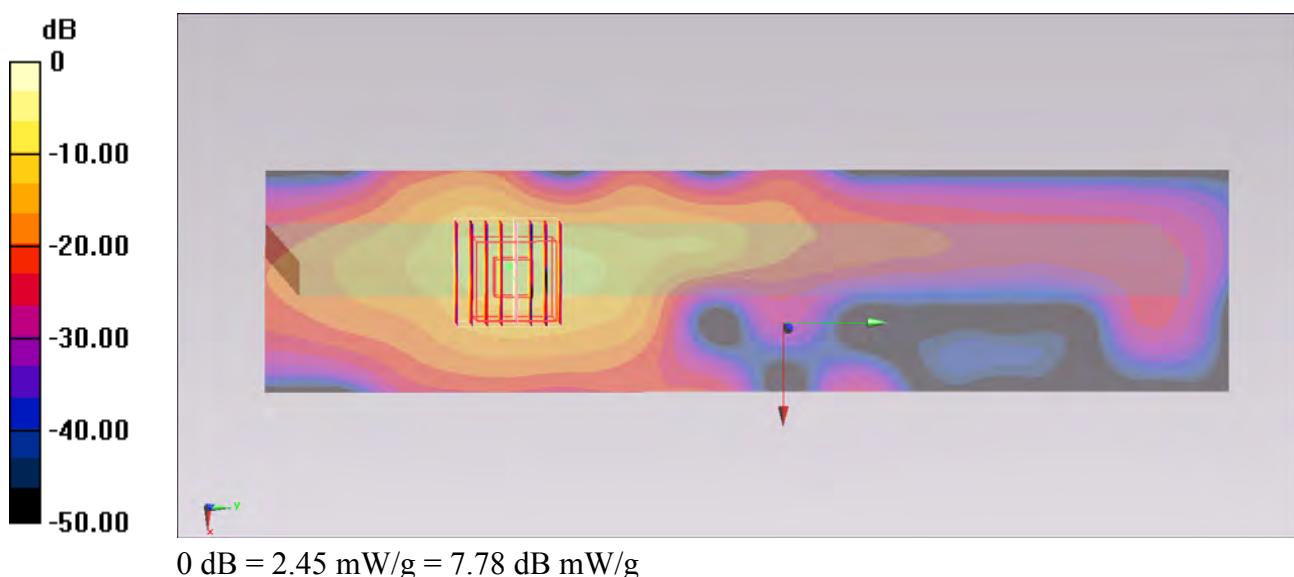
**Ch132/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.495 mW/g

**Ch132/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 4.330 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 4.519 mW/g

**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.338 mW/g**

Maximum value of SAR (measured) = 2.45 mW/g



**#266 WLAN5G\_802.11a\_Edge 4\_0cm\_Ch116\_Ant 1****DUT: 240709**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120725 Medium parameters used:  $f = 5580 \text{ MHz}$ ;  $\sigma = 5.842 \text{ mho/m}$ ;  $\epsilon_r = 48.345$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch116/Area Scan (81x201x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.182 mW/g

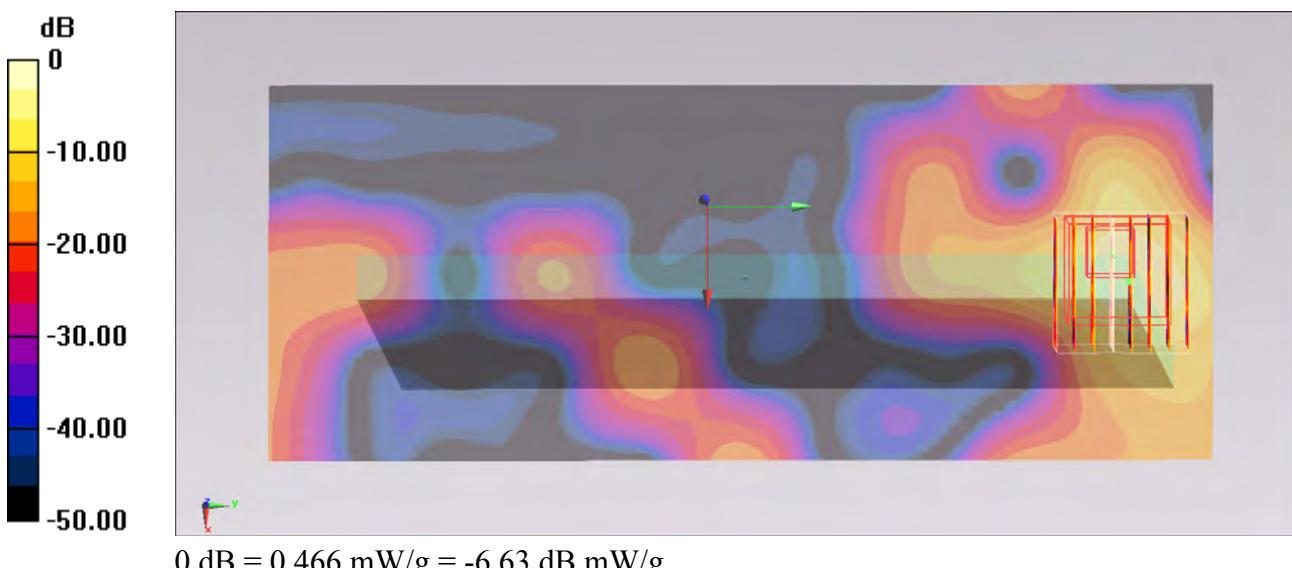
**Ch116/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.164 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 1.006 mW/g

**SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.055 mW/g**

Maximum value of SAR (measured) = 0.466 mW/g



**#278 WLAN5G\_802.11a\_Edge1 Bottom Face\_Tilted\_0cm\_Ch116\_Ant1****DUT: 240709**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used :  $f = 5580 \text{ MHz}$ ;  $\sigma = 5.688 \text{ mho/m}$ ;  $\epsilon_r = 47.693$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch116/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.715 mW/g

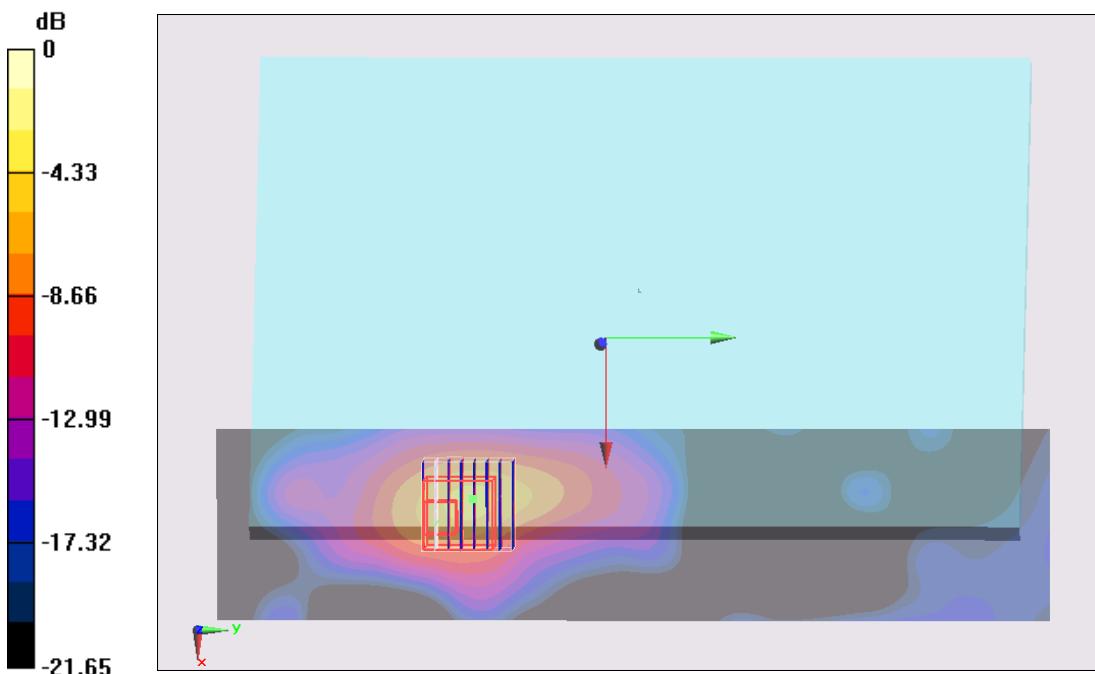
**Ch116/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.799 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 4.421 mW/g

**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.325 mW/g**

Maximum value of SAR (measured) = 2.37 mW/g



**#284 WLAN5G\_802.11a\_Edge1 Bottom Face\_Tilted\_0cm\_Ch104\_Ant1****DUT: 240709**

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used :  $f = 5520 \text{ MHz}$ ;  $\sigma = 5.611 \text{ mho/m}$ ;  $\epsilon_r = 47.864$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch104/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.825 mW/g

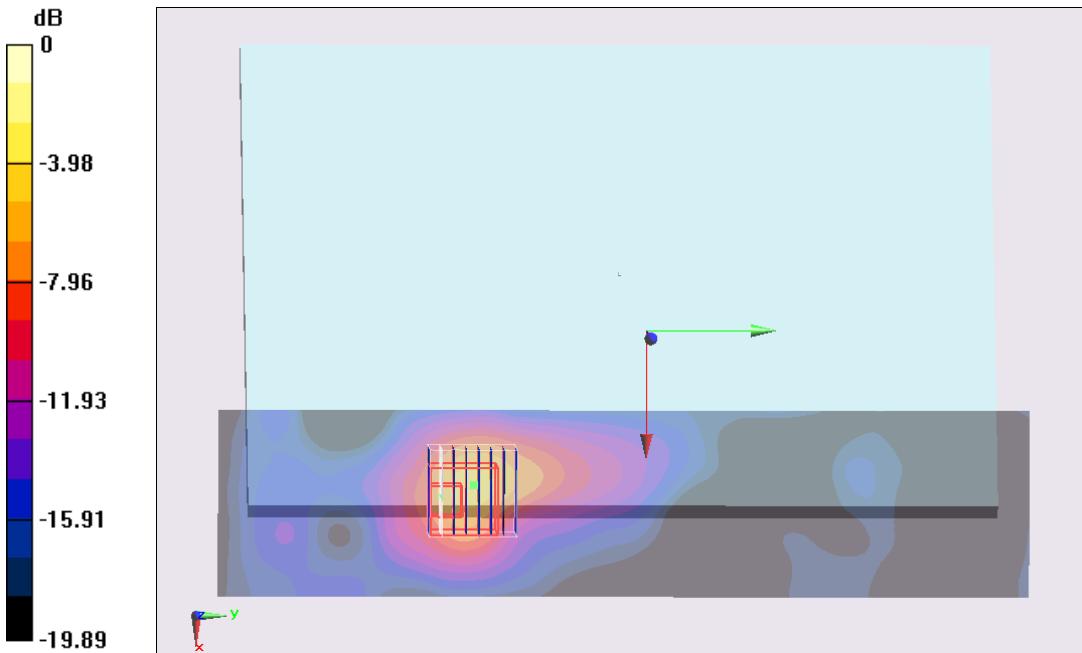
**Ch104/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.191 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 4.066 mW/g

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.323 mW/g**

Maximum value of SAR (measured) = 2.21 mW/g



**#285 WLAN5G\_802.11a\_Edge1 Bottom Face\_Tilted\_0cm\_Ch132\_Ant1****DUT: 240709**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used :  $f = 5660 \text{ MHz}$ ;  $\sigma = 5.806 \text{ mho/m}$ ;  $\epsilon_r = 47.517$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch132/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.73 mW/g

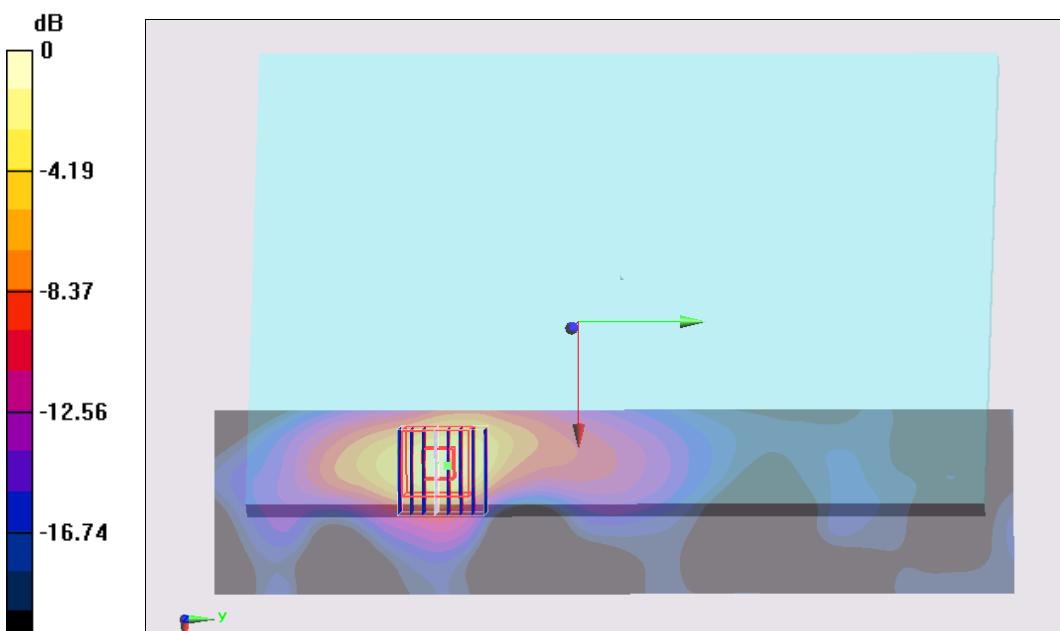
**Ch132/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.170 V/m; Power Drift = -0.087 dB

Peak SAR (extrapolated) = 4.406 mW/g

**SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.381 mW/g**

Maximum value of SAR (measured) = 2.47 mW/g



**#285 WLAN5G\_802.11a\_Edge1 Bottom Face\_Tilted\_0cm\_Ch132\_Ant1\_2D****DUT: 240709**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used:  $f = 5660 \text{ MHz}$ ;  $\sigma = 5.806 \text{ mho/m}$ ;  $\epsilon_r = 47.517$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch132/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.73 mW/g

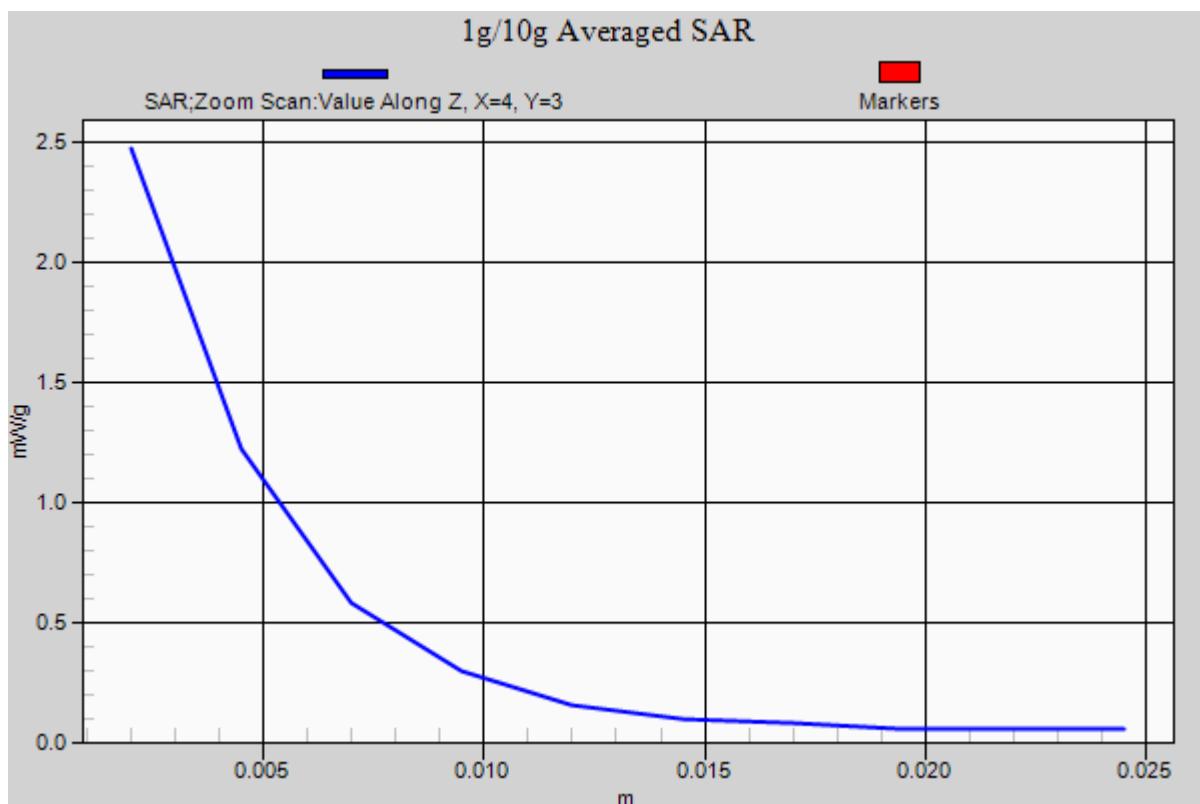
**Ch132/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.170 V/m; Power Drift = -0.087 dB

Peak SAR (extrapolated) = 4.406 mW/g

**SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.381 mW/g**

Maximum value of SAR (measured) = 2.47 mW/g



**#201 WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch157\_Ant 1****DUT: 240709**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1  
Medium: MSL\_5G\_120725 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 6.11 \text{ mho/m}$ ;  $\epsilon_r = 47.844$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

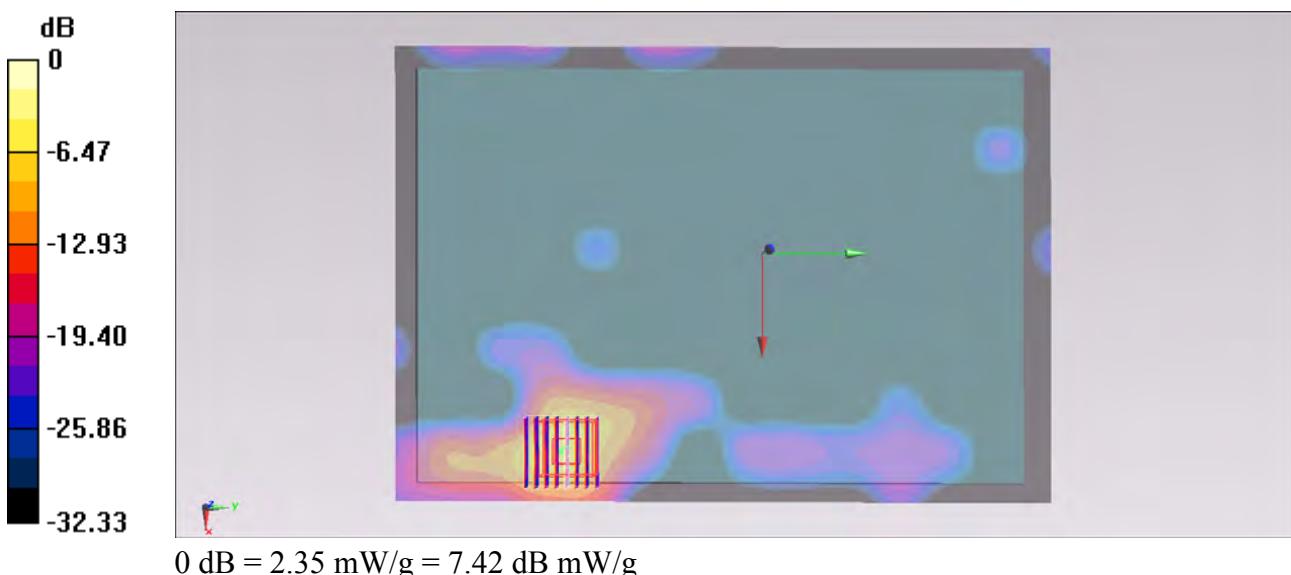
**Ch157/Area Scan (181x261x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.524 mW/g

**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 1.198 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.405 mW/g

**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.394 mW/g**

Maximum value of SAR (measured) = 2.35 mW/g



**#221 WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch153\_Ant 1****DUT: 240709**

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120725 Medium parameters used:  $f = 5765 \text{ MHz}$ ;  $\sigma = 6.087 \text{ mho/m}$ ;  $\epsilon_r = 47.925$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch153/Area Scan (181x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.81 mW/g

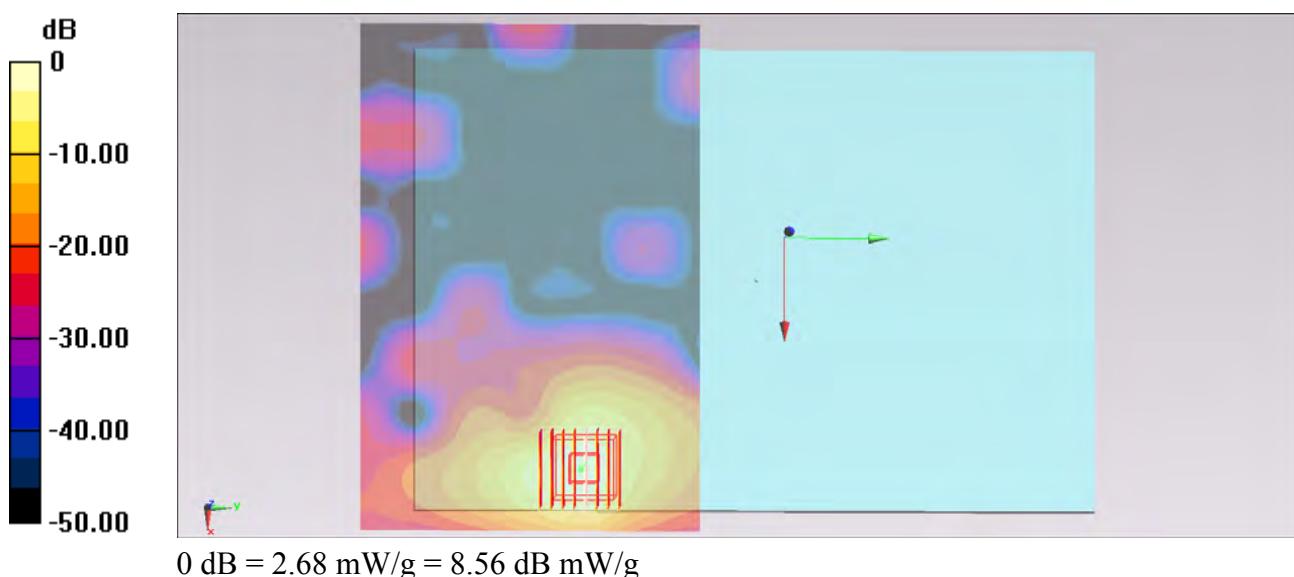
**Ch153/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.599 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 5.200 mW/g

**SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.372 mW/g**

Maximum value of SAR (measured) = 2.68 mW/g



## #221 WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch153\_Ant 1\_2D

**DUT: 240709**

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120725 Medium parameters used:  $f = 5765 \text{ MHz}$ ;  $\sigma = 6.087 \text{ mho/m}$ ;  $\epsilon_r = 47.925$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch153/Area Scan (181x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.81 mW/g

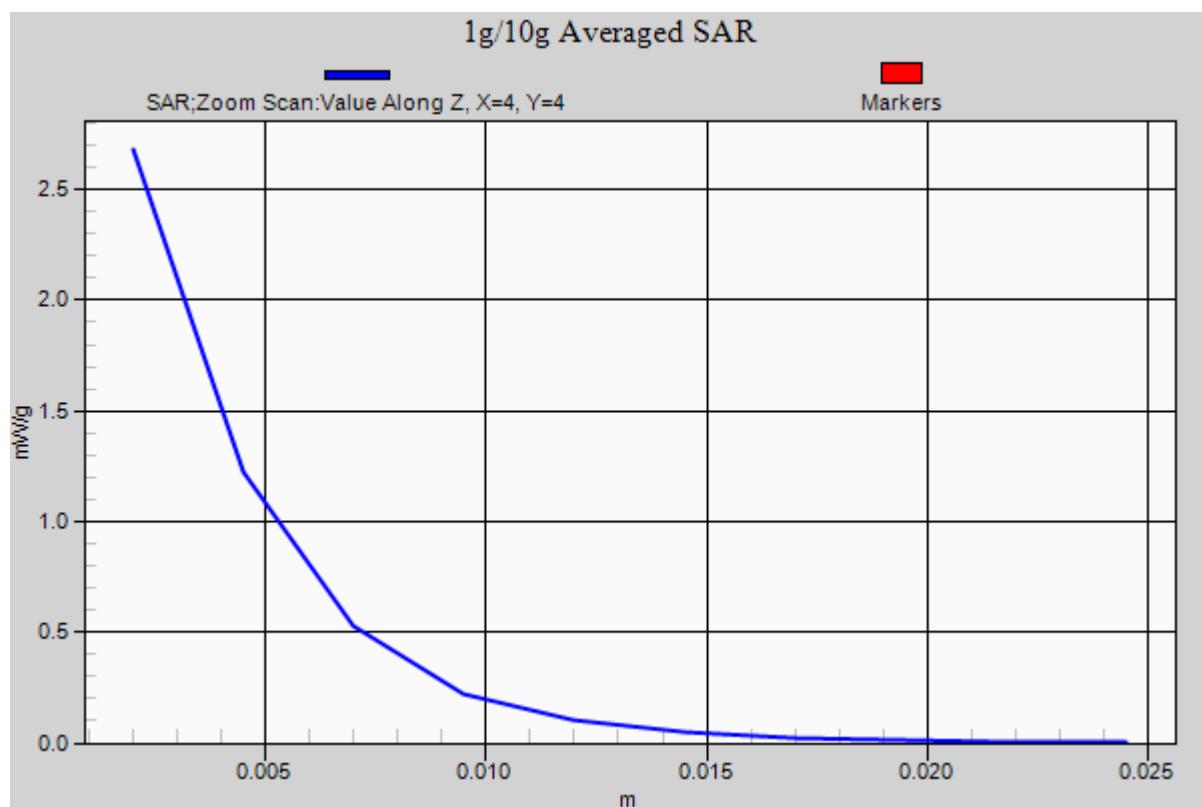
**Ch153/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.599 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 5.200 mW/g

**SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.372 mW/g**

Maximum value of SAR (measured) = 2.68 mW/g



**#254 WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch161\_Ant 1****DUT: 240709**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120725 Medium parameters used:  $f = 5805 \text{ MHz}$ ;  $\sigma = 6.134 \text{ mho/m}$ ;  $\epsilon_r = 47.763$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch161/Area Scan (181x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.34 mW/g

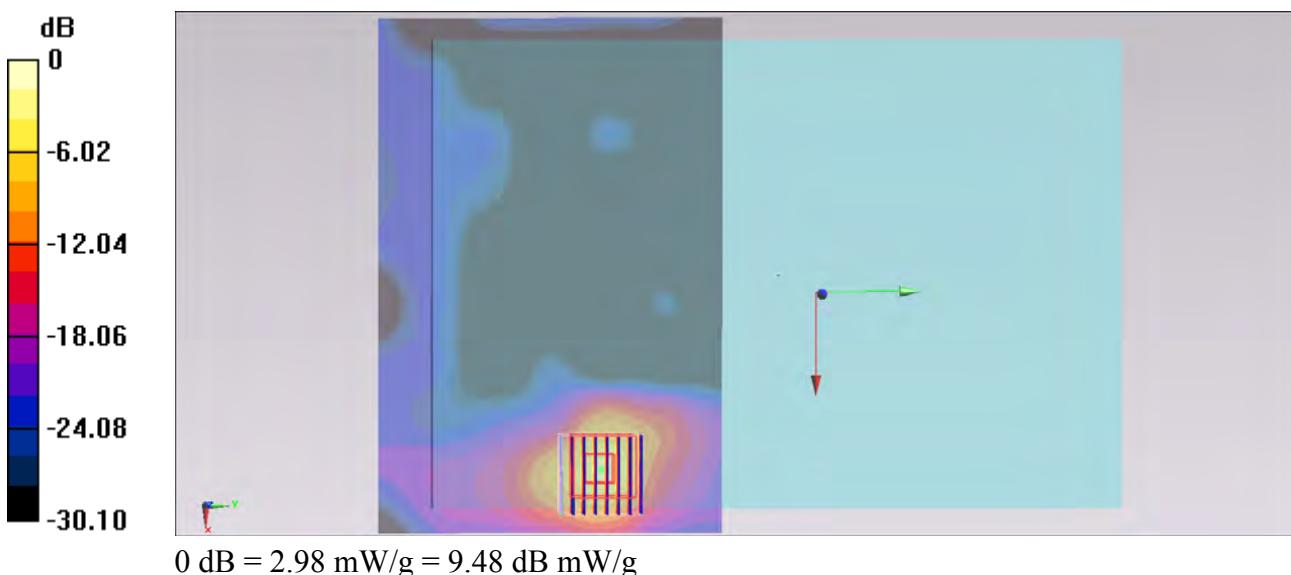
**Configuration/Ch161/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 5.680 mW/g

**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.344 mW/g**

Maximum value of SAR (measured) = 2.98 mW/g



**#202 WLAN5G\_802.11a\_Edge 1\_0cm\_Ch157\_Ant 1****DUT: 240709**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1  
Medium: MSL\_5G\_120725 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 6.11 \text{ mho/m}$ ;  $\epsilon_r = 47.844$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

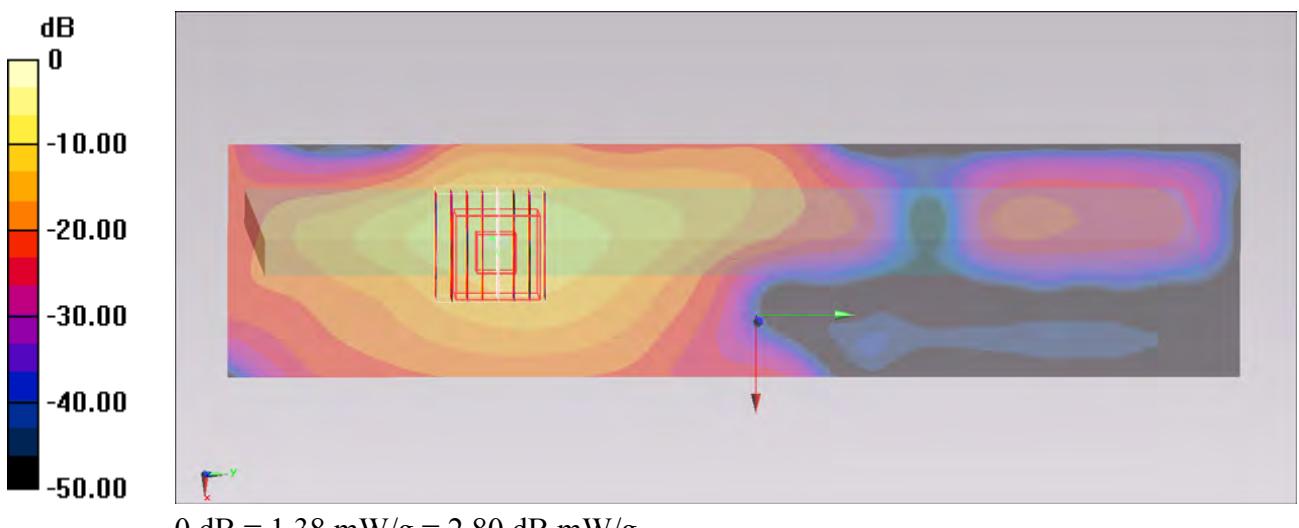
**Ch157/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.314 mW/g

**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 4.349 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.563 mW/g

**SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.197 mW/g**

Maximum value of SAR (measured) = 1.38 mW/g



**#256 WLAN5G\_802.11a\_Edge 4\_0cm\_Ch157\_Ant 1****DUT: 240709**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1  
Medium: MSL\_5G\_120725 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 6.11 \text{ mho/m}$ ;  $\epsilon_r = 47.844$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch157/Area Scan (61x201x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.0610 mW/g

**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 1.536 V/m; Power Drift = 0.184 dB

Peak SAR (extrapolated) = 0.626 mW/g

**SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.014 mW/g**

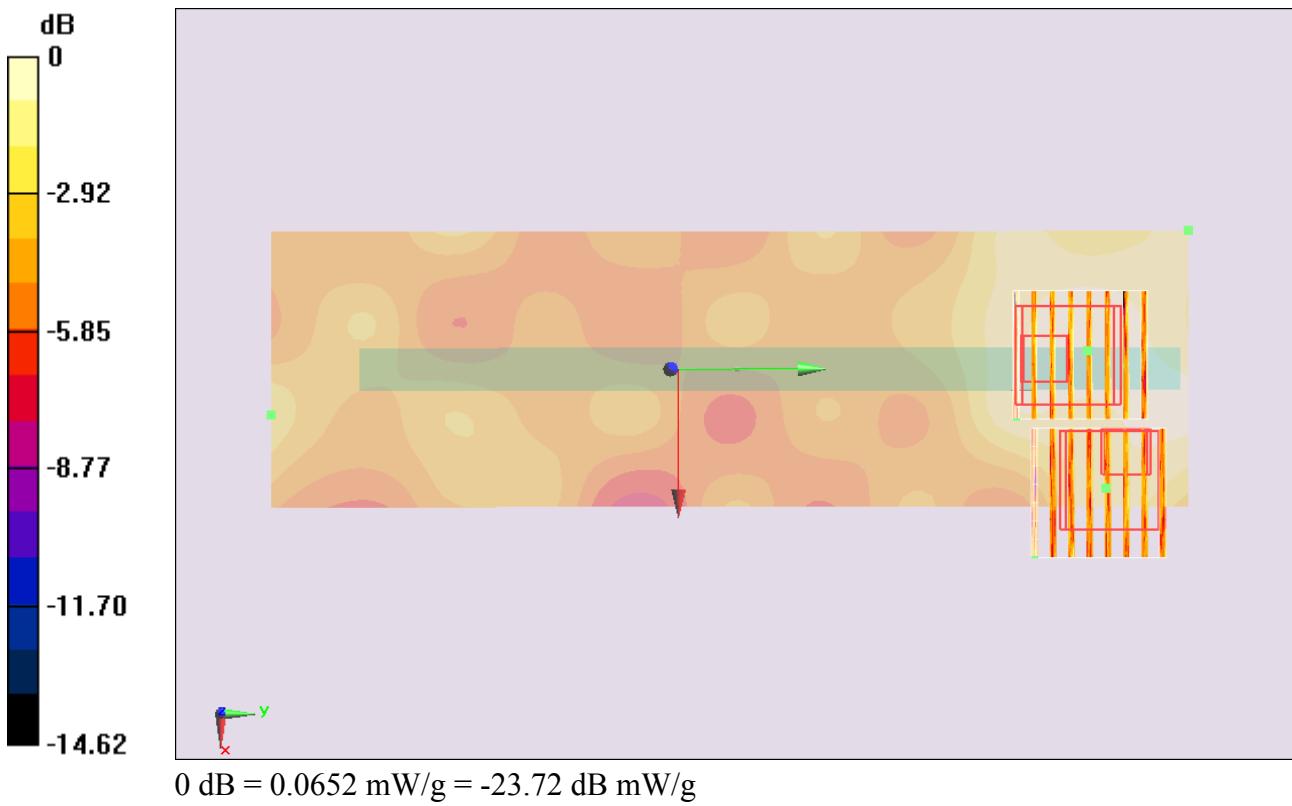
Maximum value of SAR (measured) = 0.201 mW/g

**Ch157/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 1.536 V/m; Power Drift = 0.184 dB

Peak SAR (extrapolated) = 0.118 mW/g

**SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.025 mW/g**

Maximum value of SAR (measured) = 0.0652 mW/g



**#273 WLAN5G\_802.11a\_Edge1 Bottom Face\_Tilted\_0cm\_Ch157\_Ant1****DUT: 240709**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120917 Medium parameters used :  $f = 5785$  MHz;  $\sigma = 5.961$  mho/m;  $\epsilon_r = 47.221$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch157/Area Scan (61x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.812 mW/g

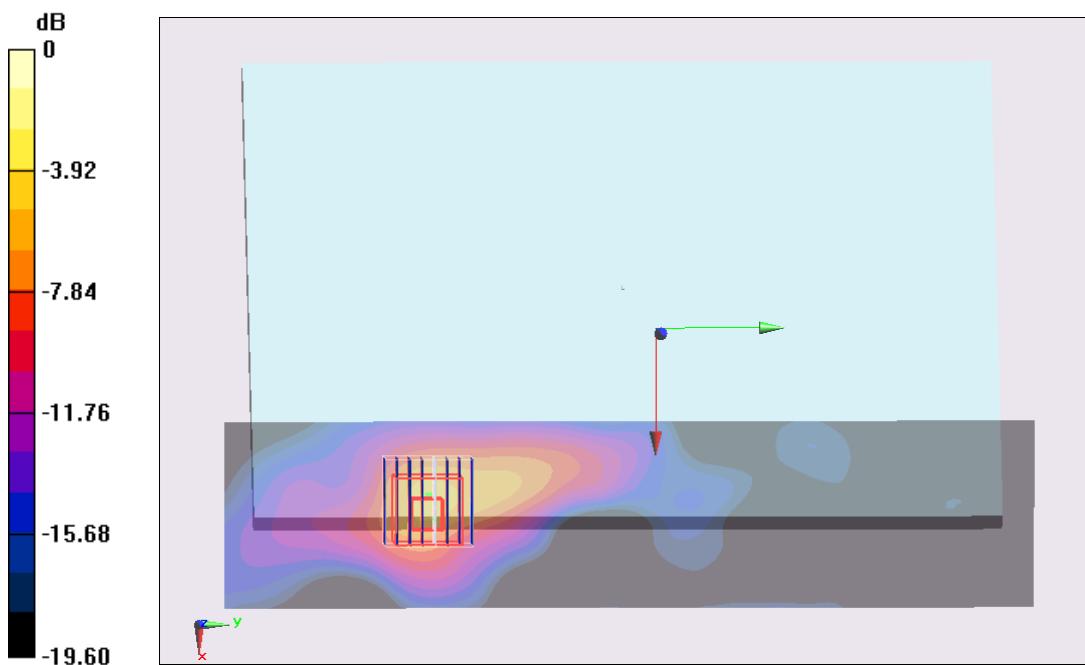
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.649 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 4.203 mW/g

**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.353 mW/g**

Maximum value of SAR (measured) = 2.26 mW/g



$$0 \text{ dB} = 2.26 \text{ mW/g} = 7.08 \text{ dB mW/g}$$

## #274 WLAN5G\_802.11a\_Edge1 Bottom Face\_Tilted\_0cm\_Ch153\_Ant1

**DUT: 240709**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120915 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.961 \text{ mho/m}$ ;  $\epsilon_r = 47.221$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch157/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.40 mW/g

**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

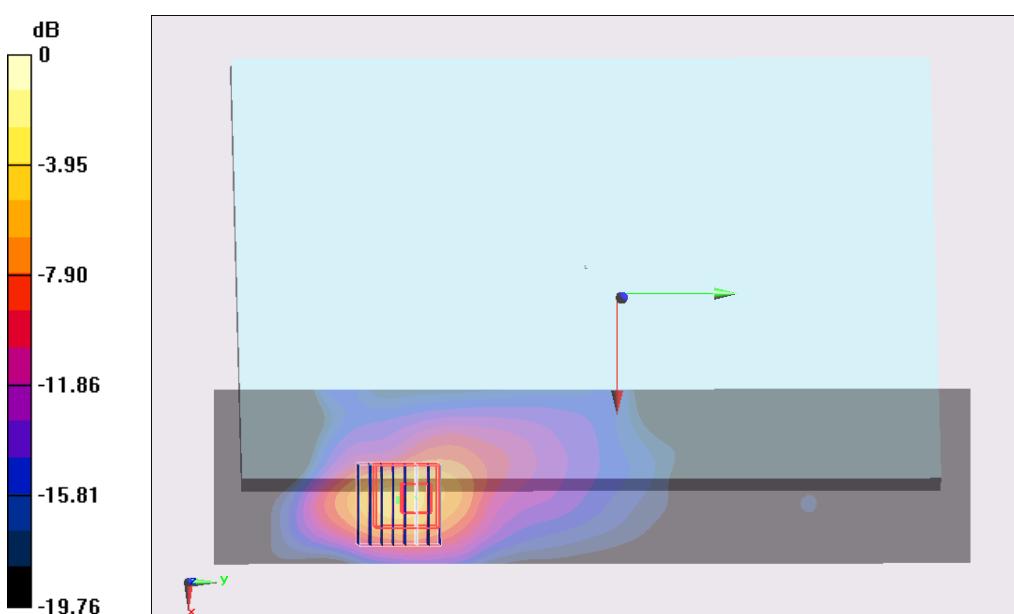
dz=2.5mm

Reference Value = 2.643 V/m; Power Drift = 0.191 dB

Peak SAR (extrapolated) = 4.518 mW/g

**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.369 mW/g**

Maximum value of SAR (measured) = 2.63 mW/g



## #274 WLAN5G\_802.11a\_Edge1 Bottom Face\_Tilted\_0cm\_Ch153\_Ant1\_2D

**DUT: 240709**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.961 \text{ mho/m}$ ;  $\epsilon_r = 47.221$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch157/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.40 mW/g

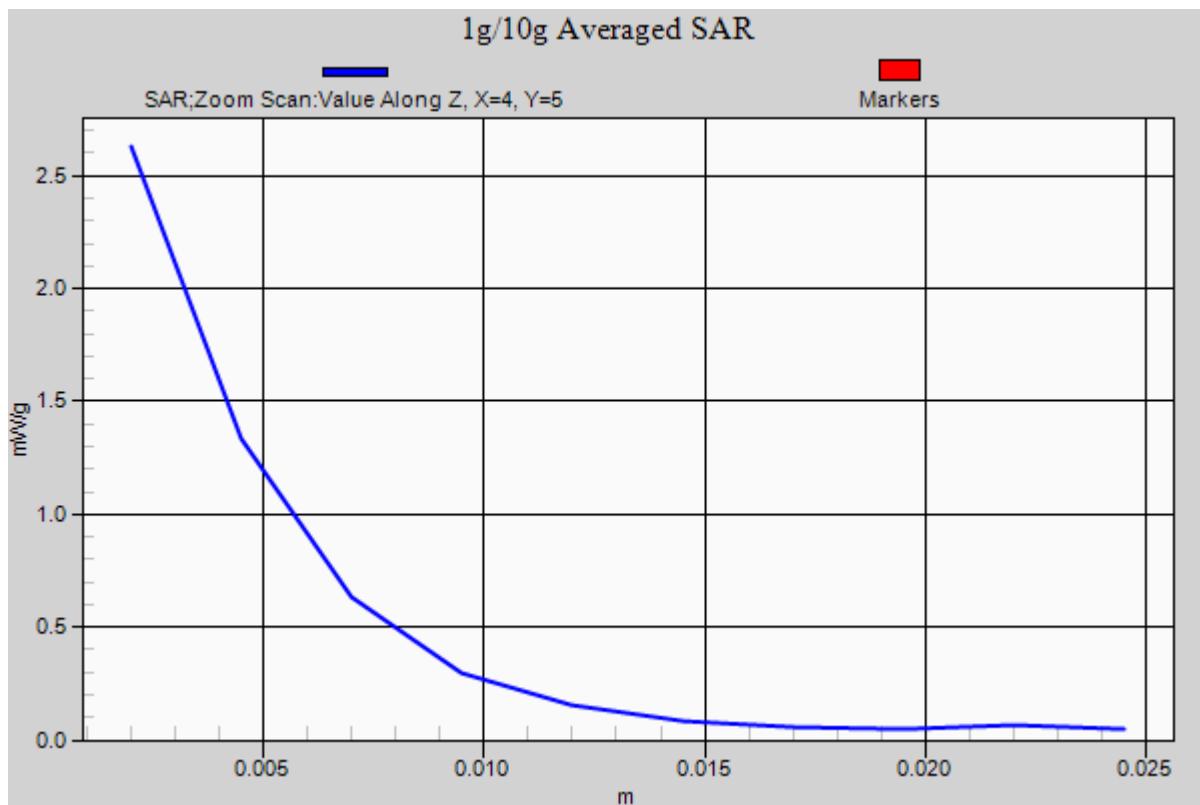
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.643 V/m; Power Drift = 0.191 dB

Peak SAR (extrapolated) = 4.518 mW/g

**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.369 mW/g**

Maximum value of SAR (measured) = 2.63 mW/g



**#275 WLAN5G\_802.11a\_Edge1 Bottom Face\_Tilted\_0cm\_Ch161\_Ant1****DUT: 240709**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120915 Medium parameters used:  $f = 5805 \text{ MHz}$ ;  $\sigma = 5.984 \text{ mho/m}$ ;  $\epsilon_r = 47.138$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch161/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.23 mW/g

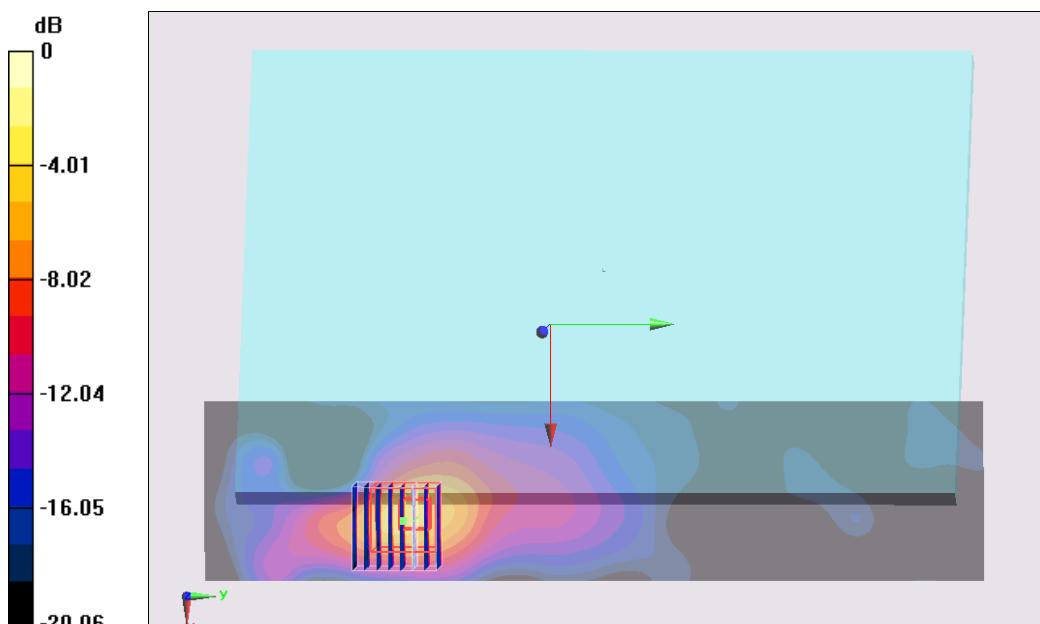
**Ch161/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.418 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 4.270 mW/g

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.353 mW/g**

Maximum value of SAR (measured) = 2.39 mW/g



## #211 WLAN5G\_802.11n(20M)\_Bottom Face\_0cm\_Ch44\_Ant 1+2

**DUT: 240709**

Communication System: 802.11n; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5220 \text{ MHz}$ ;  $\sigma = 5.398 \text{ mho/m}$ ;  $\epsilon_r = 48.474$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch44/Area Scan (181x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.399 mW/g

**Ch44/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 2.585 mW/g

**SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.215 mW/g**

Maximum value of SAR (measured) = 1.41 mW/g

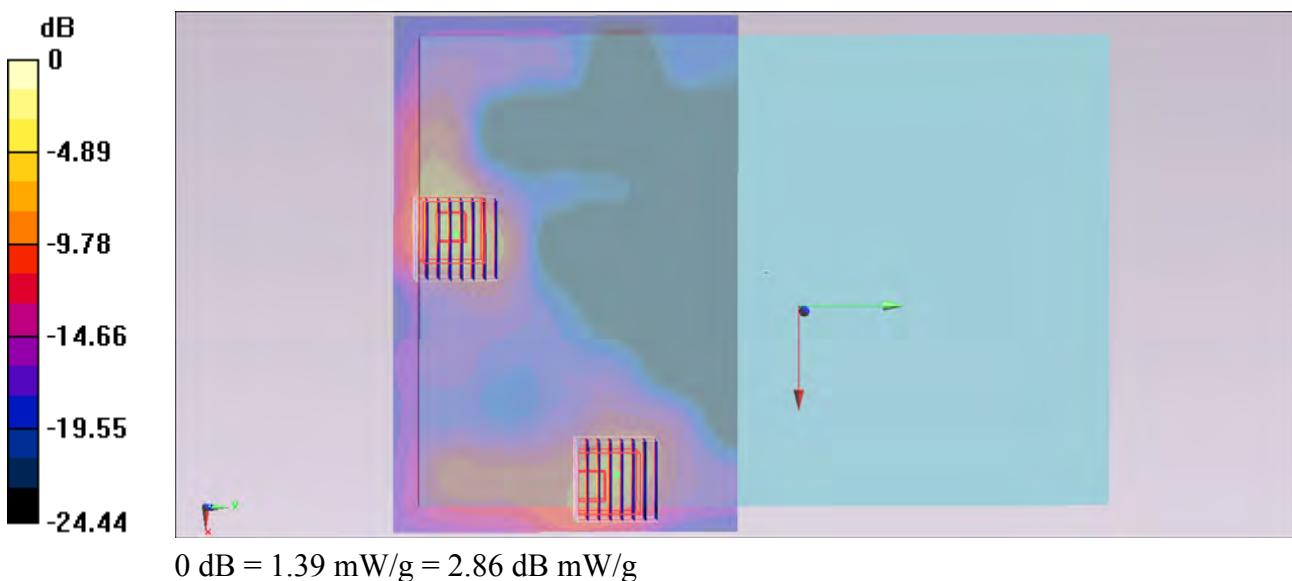
**Ch44/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 2.666 mW/g

**SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.218 mW/g**

Maximum value of SAR (measured) = 1.39 mW/g



**#212 WLAN5G\_802.11n(20M)\_Edge 1\_0cm\_Ch44\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5220$  MHz;  $\sigma = 5.398$  mho/m;  $\epsilon_r = 48.474$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch44/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.314 mW/g

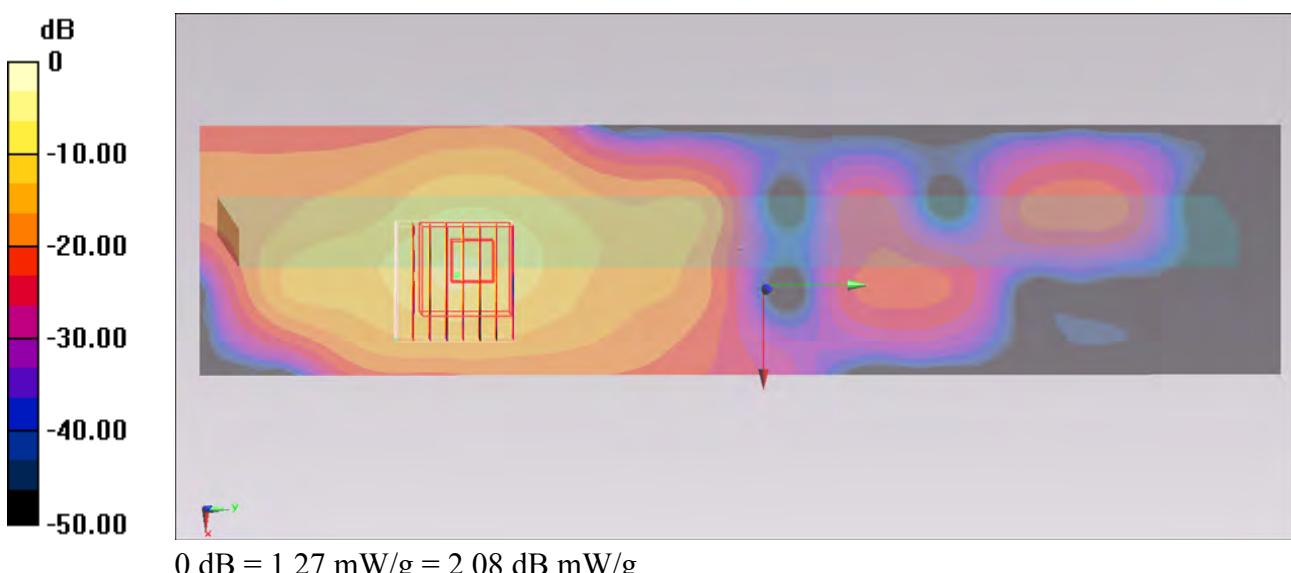
**Ch44/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.644 V/m; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 2.276 mW/g

**SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.195 mW/g**

Maximum value of SAR (measured) = 1.27 mW/g



**#257 WLAN5G\_802.11n(20M)\_Edge 4\_0cm\_Ch44\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5220 \text{ MHz}$ ;  $\sigma = 5.398 \text{ mho/m}$ ;  $\epsilon_r = 48.474$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch44/Area Scan (61x201x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.772 mW/g

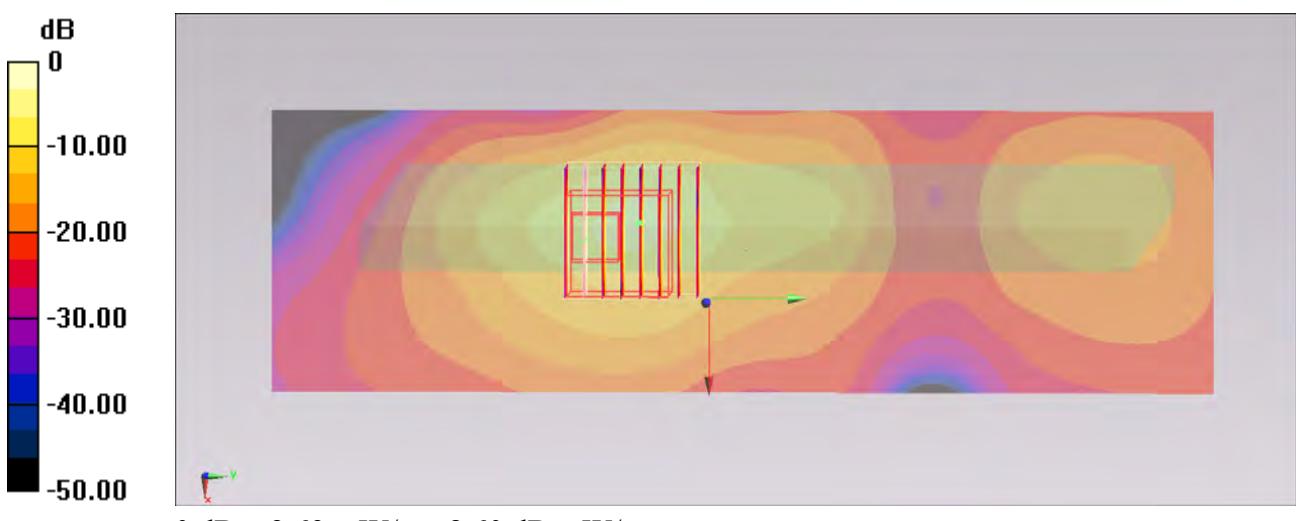
**Ch44/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.398 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 5.164 mW/g

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.306 mW/g**

Maximum value of SAR (measured) = 2.69 mW/g



## #257 WLAN5G\_802.11n(20M)\_Edge 4\_0cm\_Ch44\_Ant 1+2\_2D

**DUT: 240709**

Communication System: 802.11n; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5220$  MHz;  $\sigma = 5.398$  mho/m;  $\epsilon_r = 48.474$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch44/Area Scan (61x201x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.772 mW/g

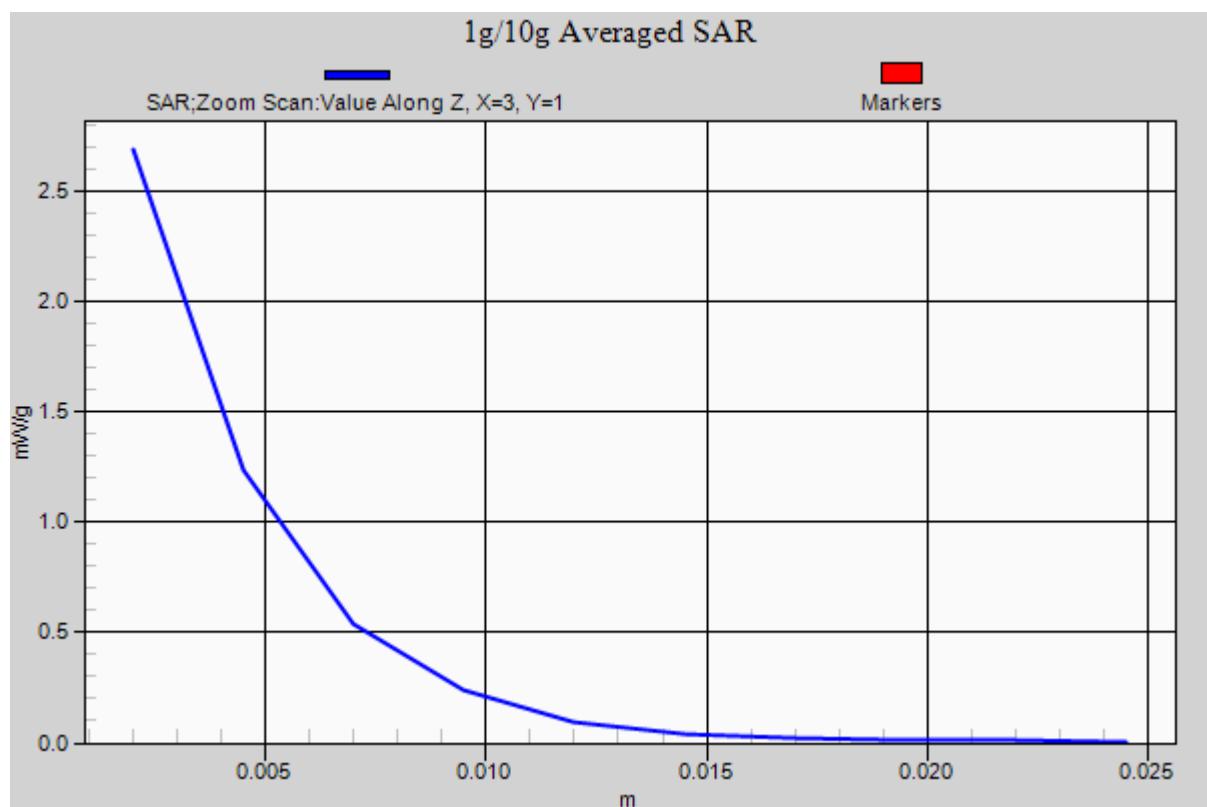
**Ch44/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.398 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 5.164 mW/g

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.306 mW/g**

Maximum value of SAR (measured) = 2.69 mW/g



**#258 WLAN5G\_802.11n(20M)\_Edge 4\_0cm\_Ch40\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.373$  mho/m;  $\epsilon_r = 48.526$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch40/Area Scan (31x101x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.763 mW/g

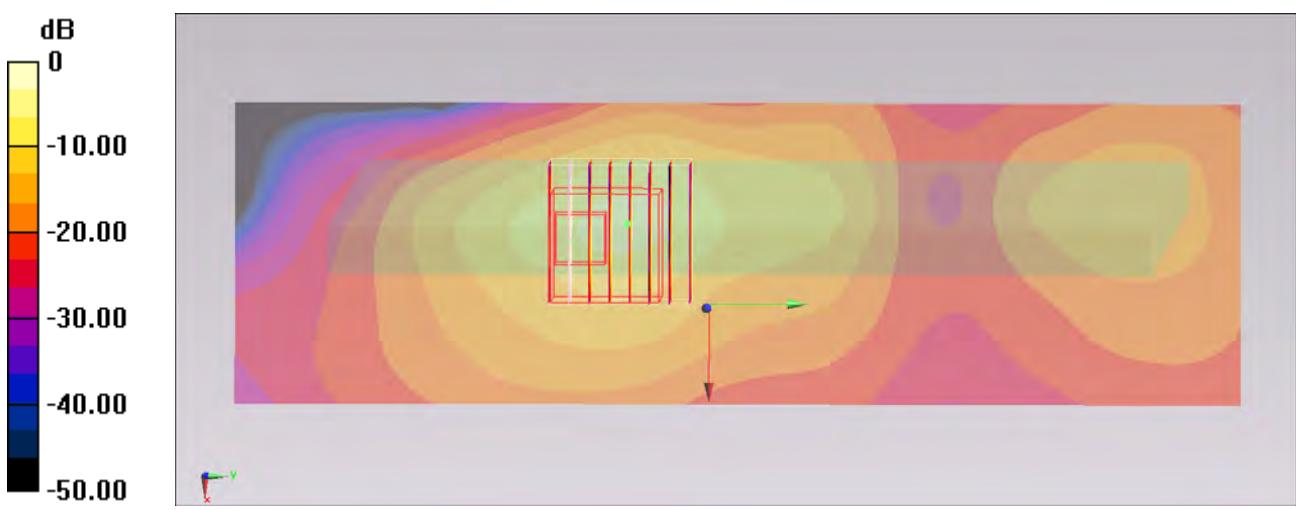
**Ch40/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.609 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 4.963 mW/g

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.298 mW/g**

Maximum value of SAR (measured) = 2.61 mW/g



**#279 WLAN5G\_802.11n(20M)\_Edge4 Bottom Face\_Tilted\_0cm\_Ch44\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5220 MHz; Duty Cycle: 1:1  
Medium: MSL\_5G\_120913 Medium parameters used:  $f = 5220 \text{ MHz}$ ;  $\sigma = 5.33 \text{ mho/m}$ ;  $\epsilon_r = 49.2$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch44/Area Scan (201x121x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 1.18 mW/g

**Ch44/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.74 V/m; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 3.23 W/kg

**SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.307 mW/g**

Maximum value of SAR (measured) = 1.83 mW/g

## #288 WLAN5G\_802.11n(20M)\_Edge1 Bottom Face\_Tilted\_0cm\_Ch40\_Ant1+2\_2D

**DUT: 240709**

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120913 Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 5.297 \text{ mho/m}$ ;  $\epsilon_r = 49.185$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch40/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.12 mW/g

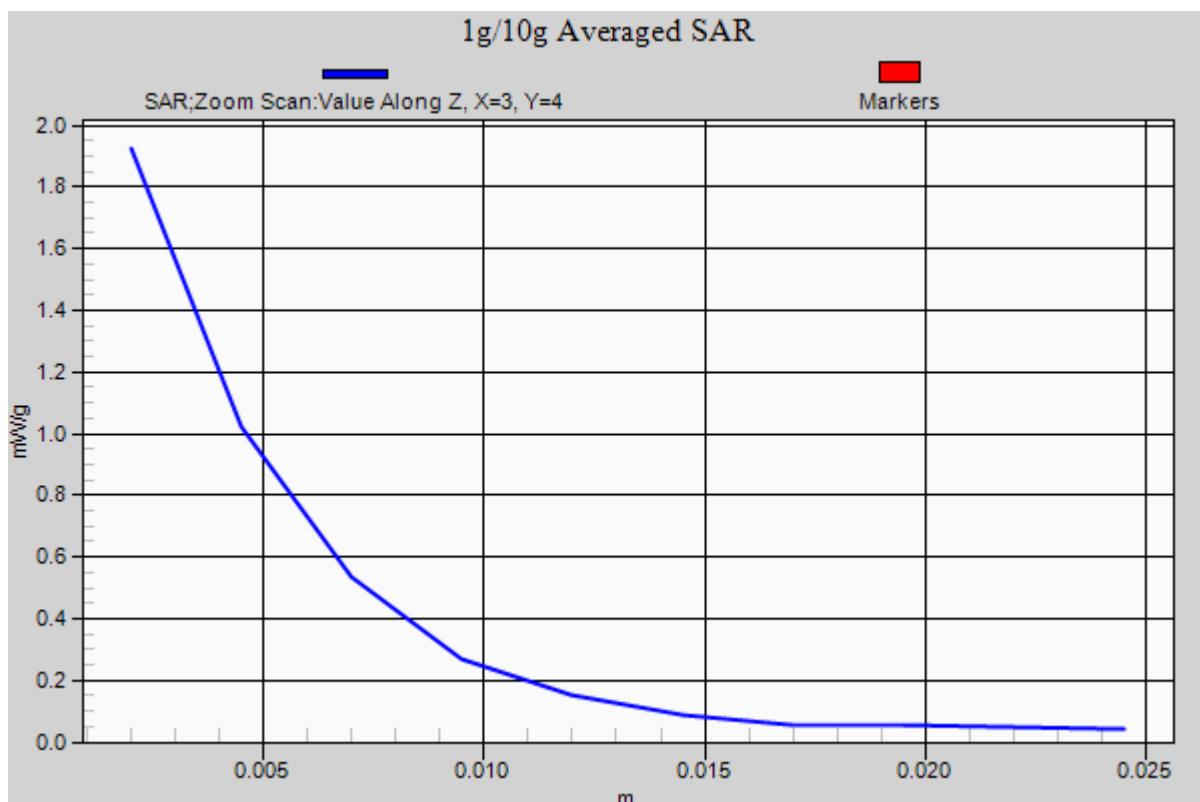
**Ch40/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

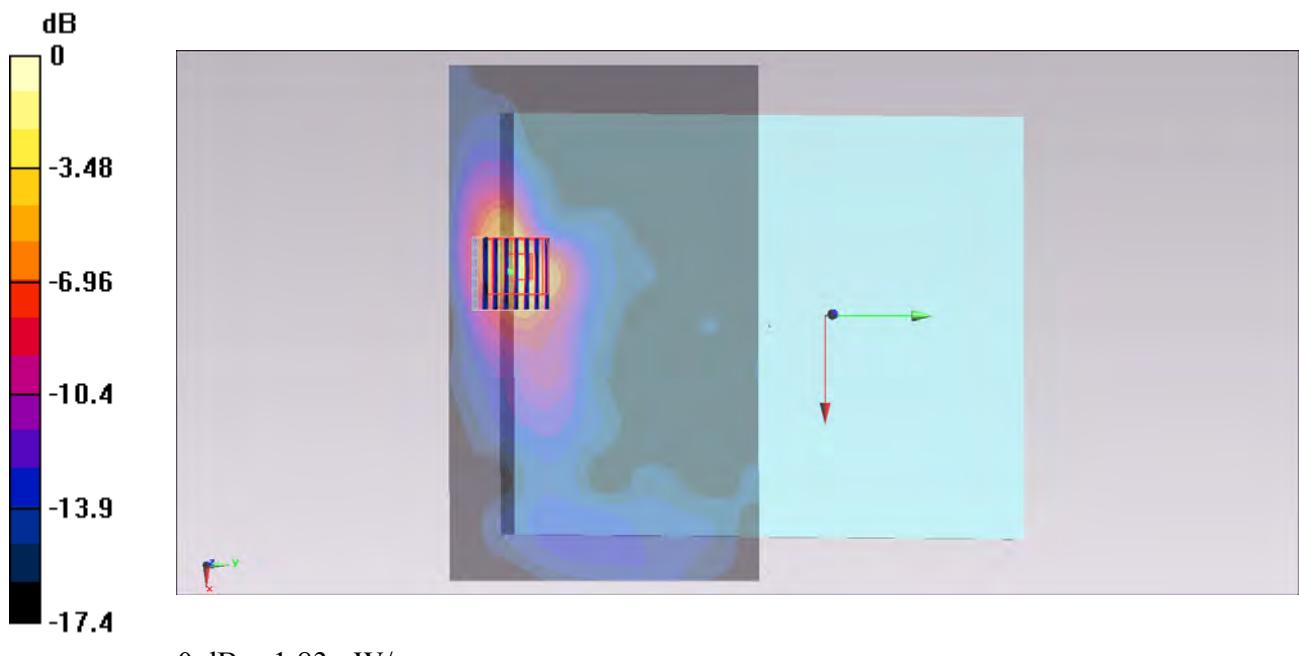
Reference Value = 2.024 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.408 mW/g

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.319 mW/g**

Maximum value of SAR (measured) = 1.92 mW/g





**#287 WLAN5G\_802.11n(20M)\_Edge4 Bottom Face\_Tilted\_0cm\_Ch40\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120913 Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 5.3 \text{ mho/m}$ ;  $\epsilon_r = 49.2$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch40/Area Scan (201x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.629 mW/g

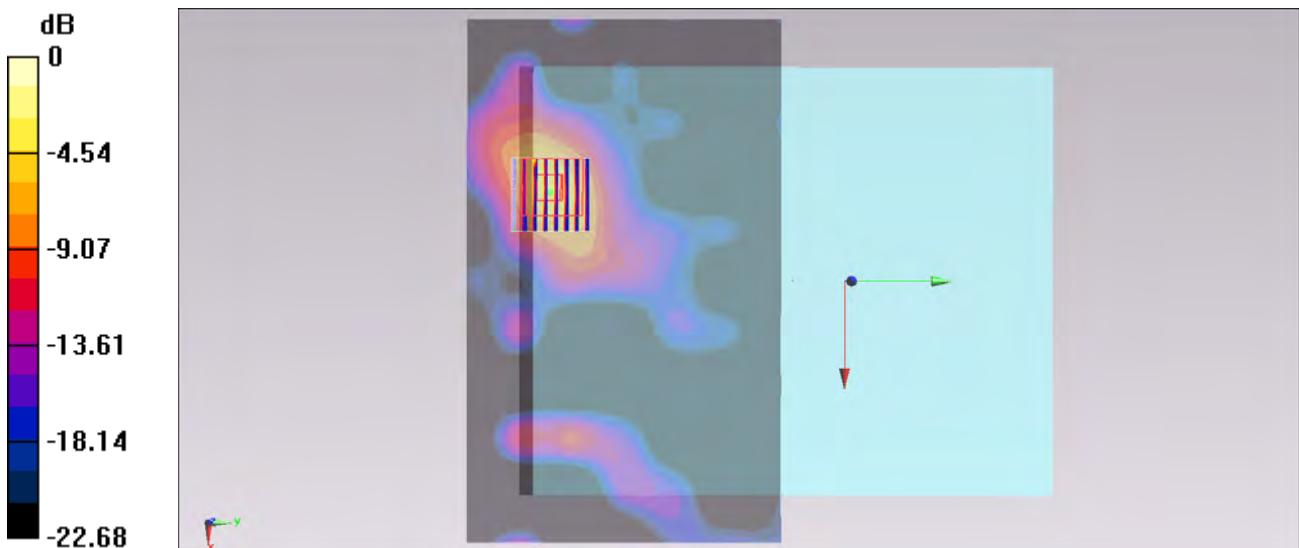
**Ch40/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.27 V/m; Power Drift = 0.185 dB

Peak SAR (extrapolated) = 2.96 W/kg

**SAR(1 g) = 0.891 mW/g; SAR(10 g) = 0.286 mW/g**

Maximum value of SAR (measured) = 1.74 mW/g



$$0 \text{ dB} = 1.74 \text{ mW/g} = 4.81 \text{ dB mW/g}$$

**#286 WLAN5G\_802.11n(20M)\_Edge1 Bottom Face\_Tilted\_0cm\_Ch44\_Ant1+2****DUT: 240709**

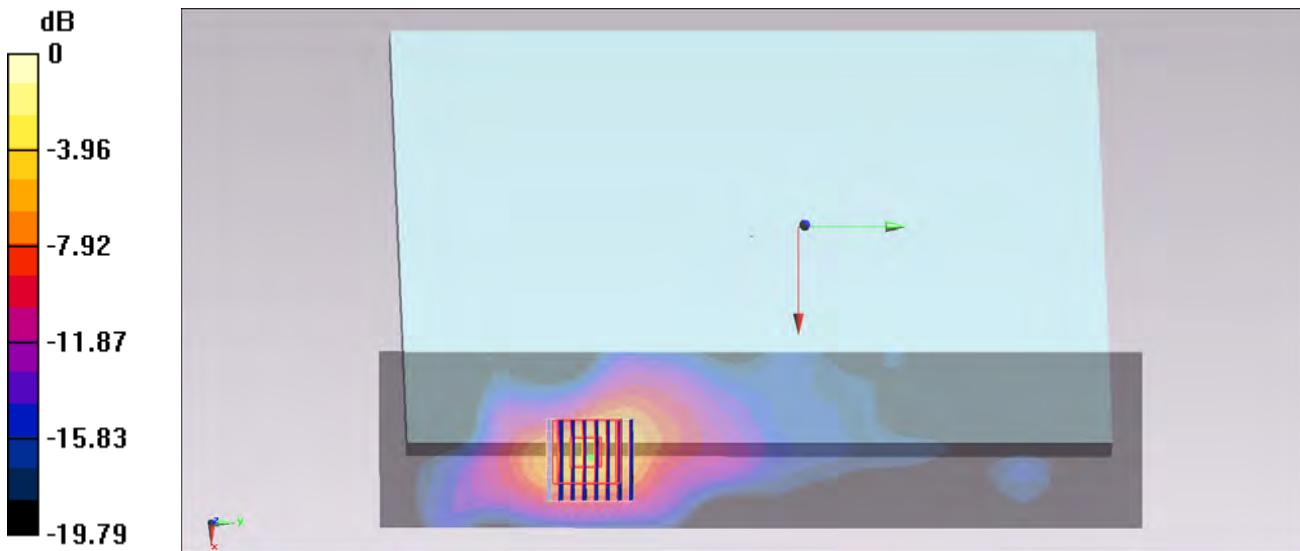
Communication System: 802.11n; Frequency: 5220 MHz; Duty Cycle: 1:1  
Medium: MSL\_5G\_120913 Medium parameters used:  $f = 5220 \text{ MHz}$ ;  $\sigma = 5.33 \text{ mho/m}$ ;  $\epsilon_r = 49.2$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch44/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.857 mW/g

**Ch44/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 2.26 V/m; Power Drift = 0.15 dB  
Peak SAR (extrapolated) = 3.37 W/kg  
**SAR(1 g) = 0.980 mW/g; SAR(10 g) = 0.310 mW/g**  
Maximum value of SAR (measured) = 2.01 mW/g



$$0 \text{ dB} = 2.01 \text{ mW/g} = 6.06 \text{ dB mW/g}$$

**#288 WLAN5G\_802.11n(20M)\_Edge1 Bottom Face\_Tilted\_0cm\_Ch40\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120913 Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 5.3 \text{ mho/m}$ ;  $\epsilon_r = 49.2$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch40/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.12 mW/g

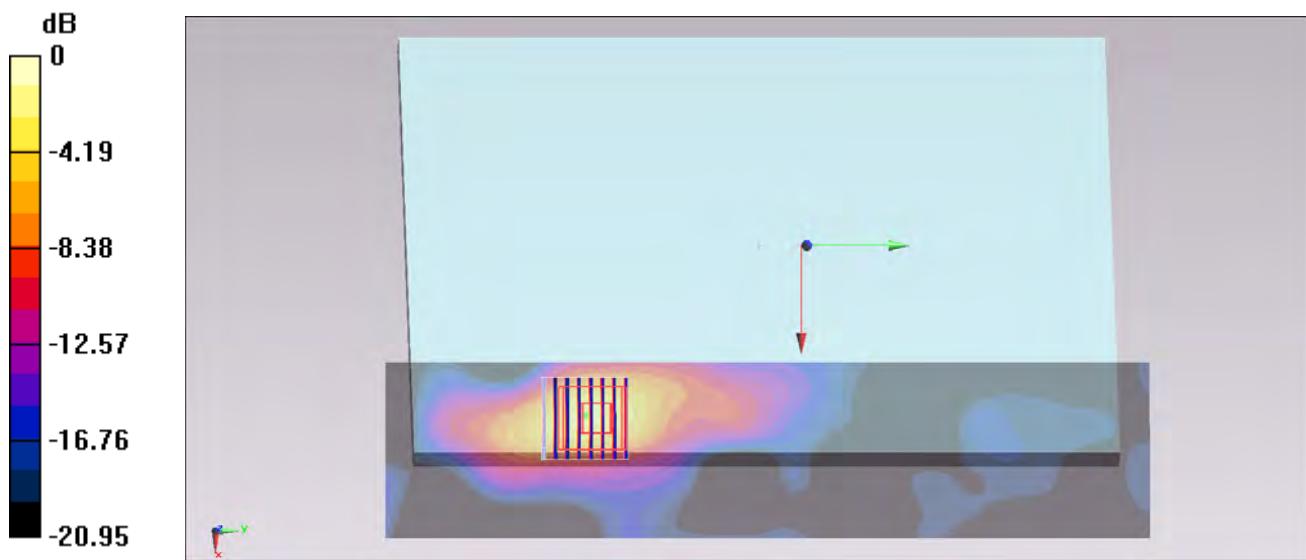
**Ch40/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.02 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.41 W/kg

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.319 mW/g**

Maximum value of SAR (measured) = 1.92 mW/g



$$0 \text{ dB} = 1.92 \text{ mW/g} = 5.67 \text{ dB mW/g}$$

## #213 WLAN5G\_802.11n(20M)\_Bottom Face\_0cm\_Ch60\_Ant 1+2

**DUT: 240709**

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.515$  mho/m;  $\epsilon_r = 48.269$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch60/Area Scan (181x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.484 mW/g

**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.543 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.444 mW/g

**SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.372 mW/g**

Maximum value of SAR (measured) = 2.36 mW/g

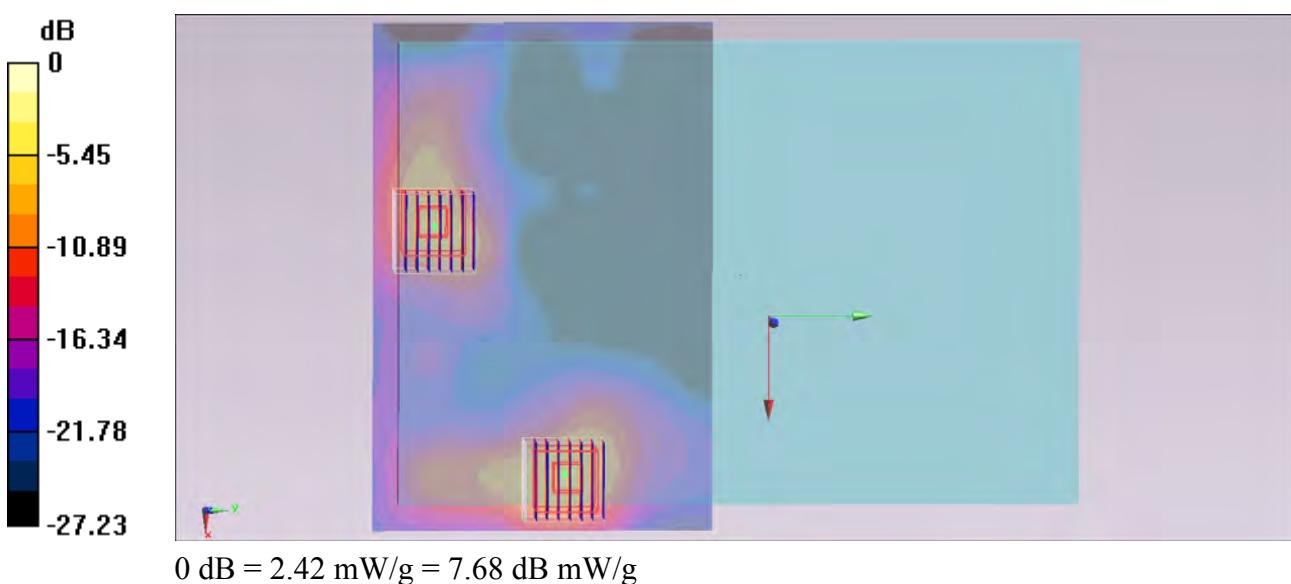
**Ch60/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.543 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.790 mW/g

**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.346 mW/g**

Maximum value of SAR (measured) = 2.42 mW/g



**#213 WLAN5G\_802.11n(20M)\_Bottom Face\_0cm\_Ch60\_Ant 1+2\_2D****DUT: 240709**

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 5.515 \text{ mho/m}$ ;  $\epsilon_r = 48.269$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch60/Area Scan (181x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.484 mW/g

**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.543 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.444 mW/g

**SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.372 mW/g**

Maximum value of SAR (measured) = 2.36 mW/g

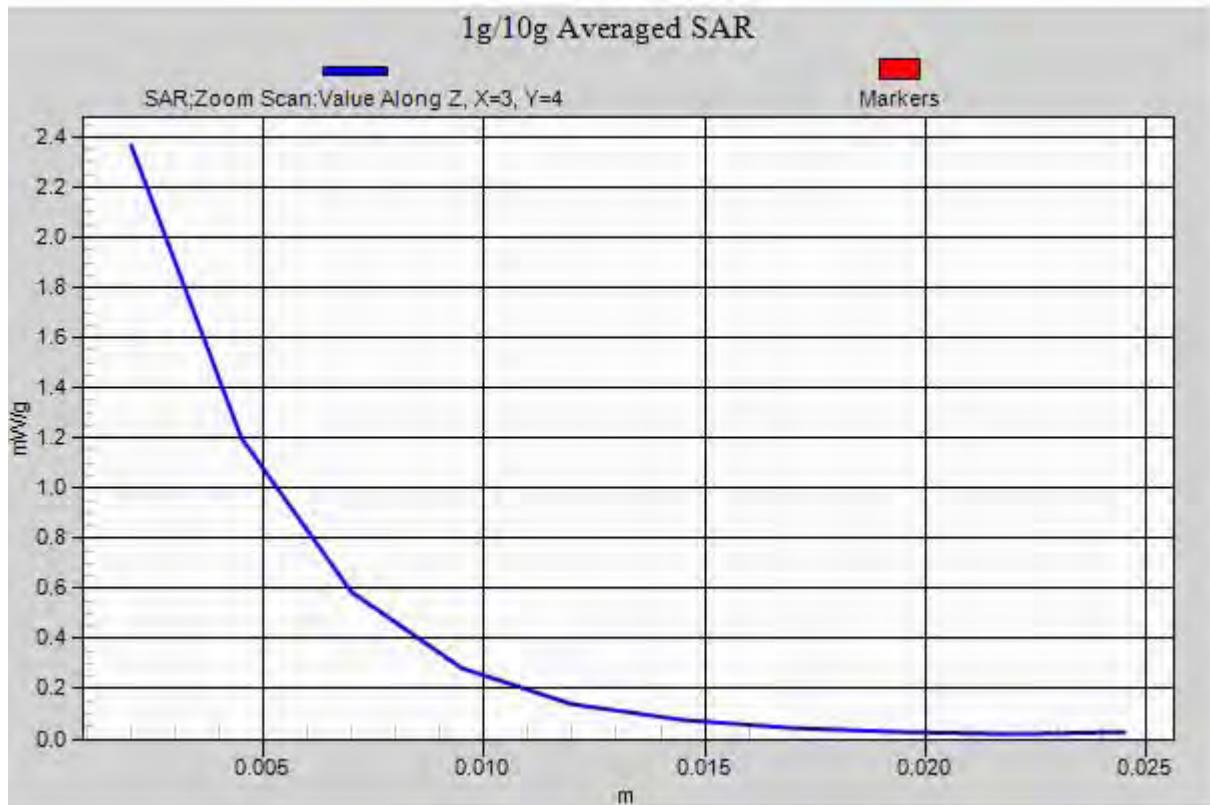
**Ch60/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.543 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.790 mW/g

**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.346 mW/g**

Maximum value of SAR (measured) = 2.42 mW/g



## #227 WLAN5G\_802.11n(20M)\_Bottom Face\_0cm\_Ch56\_Ant 1+2

**DUT: 240709**

Communication System: 802.11n; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used :  $f = 5280$  MHz;  $\sigma = 5.483$  mho/m;  $\epsilon_r = 48.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch56/Area Scan (181x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.498 mW/g

**Ch56/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.457 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 4.314 mW/g

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.331 mW/g**

Maximum value of SAR (measured) = 2.23 mW/g

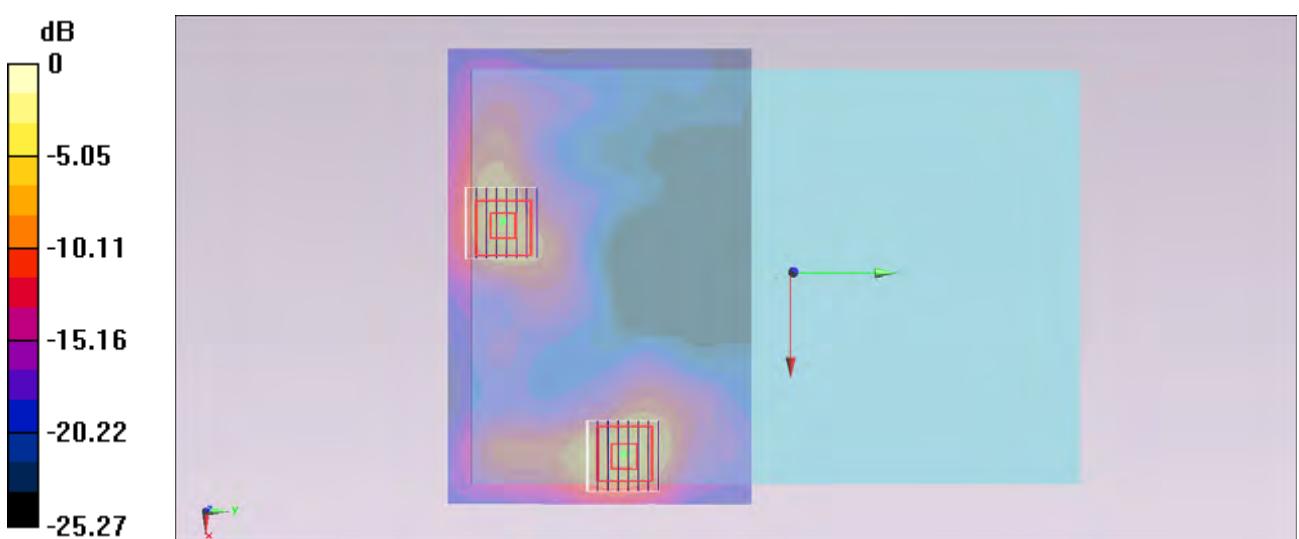
**Ch56/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.457 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 3.905 mW/g

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.341 mW/g**

Maximum value of SAR (measured) = 2.10 mW/g



**#214 WLAN5G\_802.11n(20M)\_Edge 1\_0cm\_Ch60\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.515$  mho/m;  $\epsilon_r = 48.269$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch60/Area Scan (61x281x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.525 mW/g

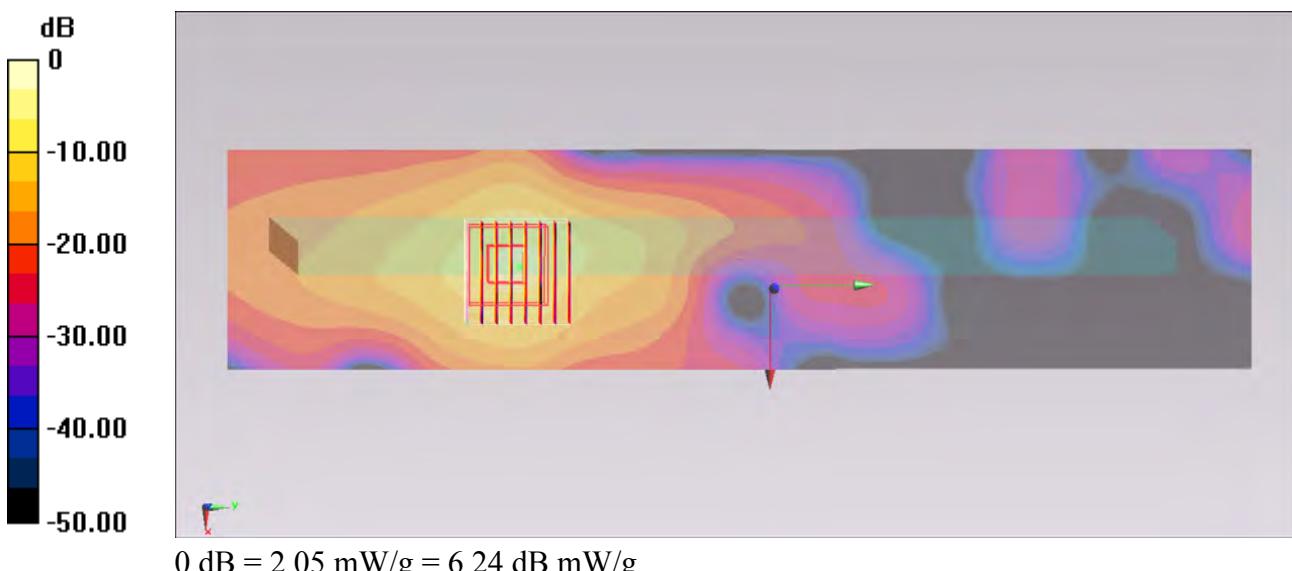
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.230 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.633 mW/g

**SAR(1 g) = 0.995 mW/g; SAR(10 g) = 0.305 mW/g**

Maximum value of SAR (measured) = 2.05 mW/g



**#245 WLAN5G\_802.11n(20M)\_Edge 1\_0cm\_Ch56\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5280 \text{ MHz}$ ;  $\sigma = 5.483 \text{ mho/m}$ ;  $\epsilon_r = 48.32$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch56/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.503 mW/g

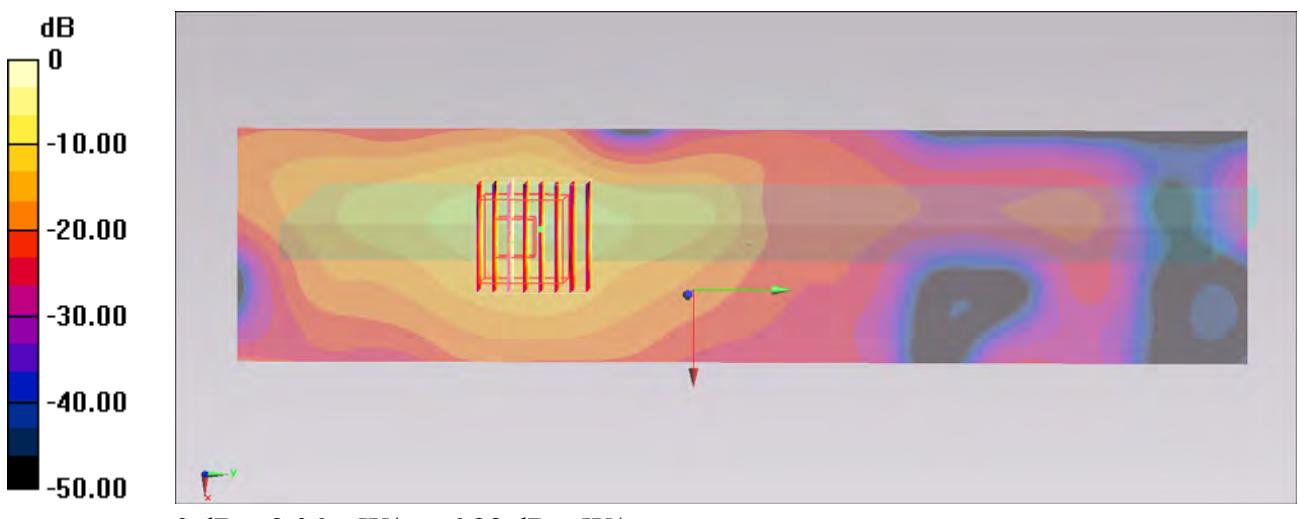
**Ch56/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.629 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 3.762 mW/g

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.302 mW/g**

Maximum value of SAR (measured) = 2.06 mW/g



**#259 WLAN5G\_802.11n(20M)\_Edge 4\_0cm\_Ch60\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.515$  mho/m;  $\epsilon_r = 48.269$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch60/Area Scan (61x201x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.811 mW/g

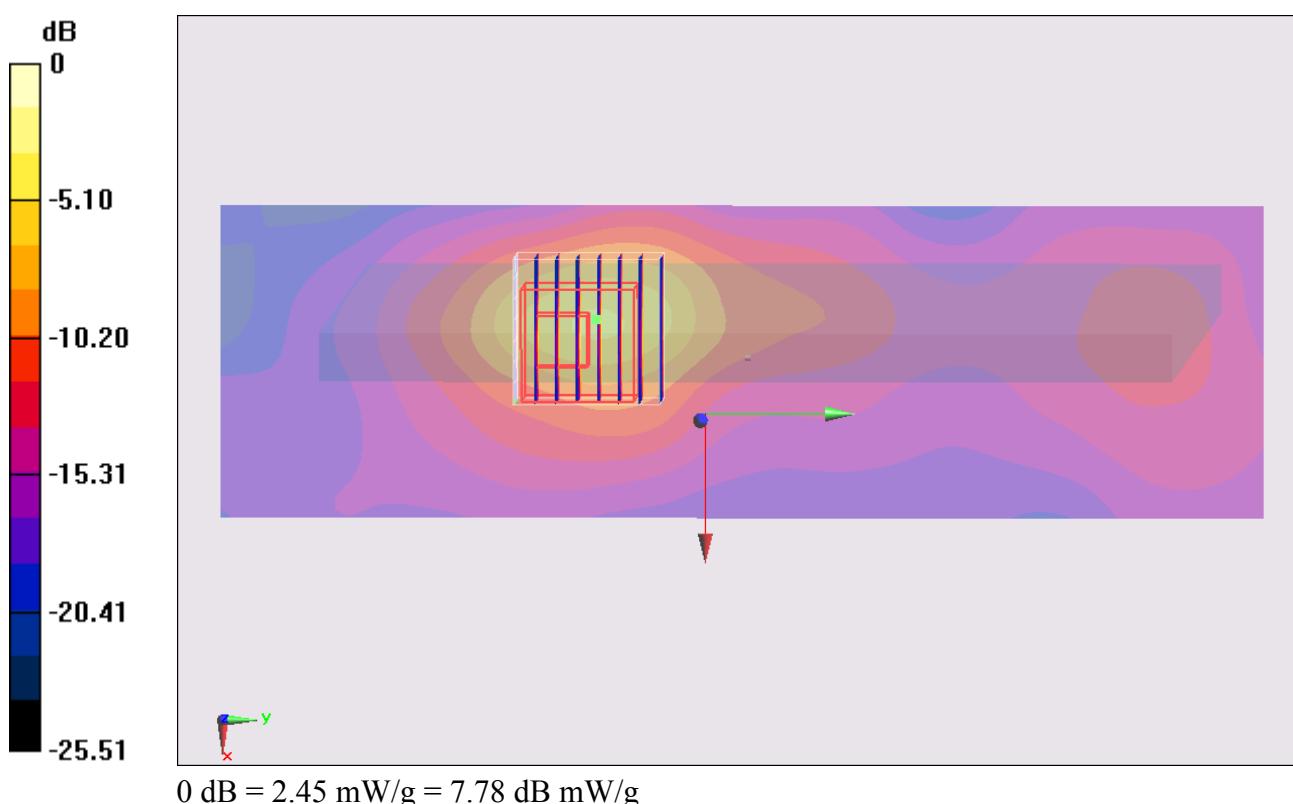
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.115 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 4.876 mW/g

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.316 mW/g**

Maximum value of SAR (measured) = 2.45 mW/g



## #260 WLAN5G\_802.11n(20M)\_Edge 4\_0cm\_Ch56\_Ant 1+2

**DUT: 240709**

Communication System: 802.11n; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5280 \text{ MHz}$ ;  $\sigma = 5.483 \text{ mho/m}$ ;  $\epsilon_r = 48.32$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch56/Area Scan (61x201x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.834 mW/g

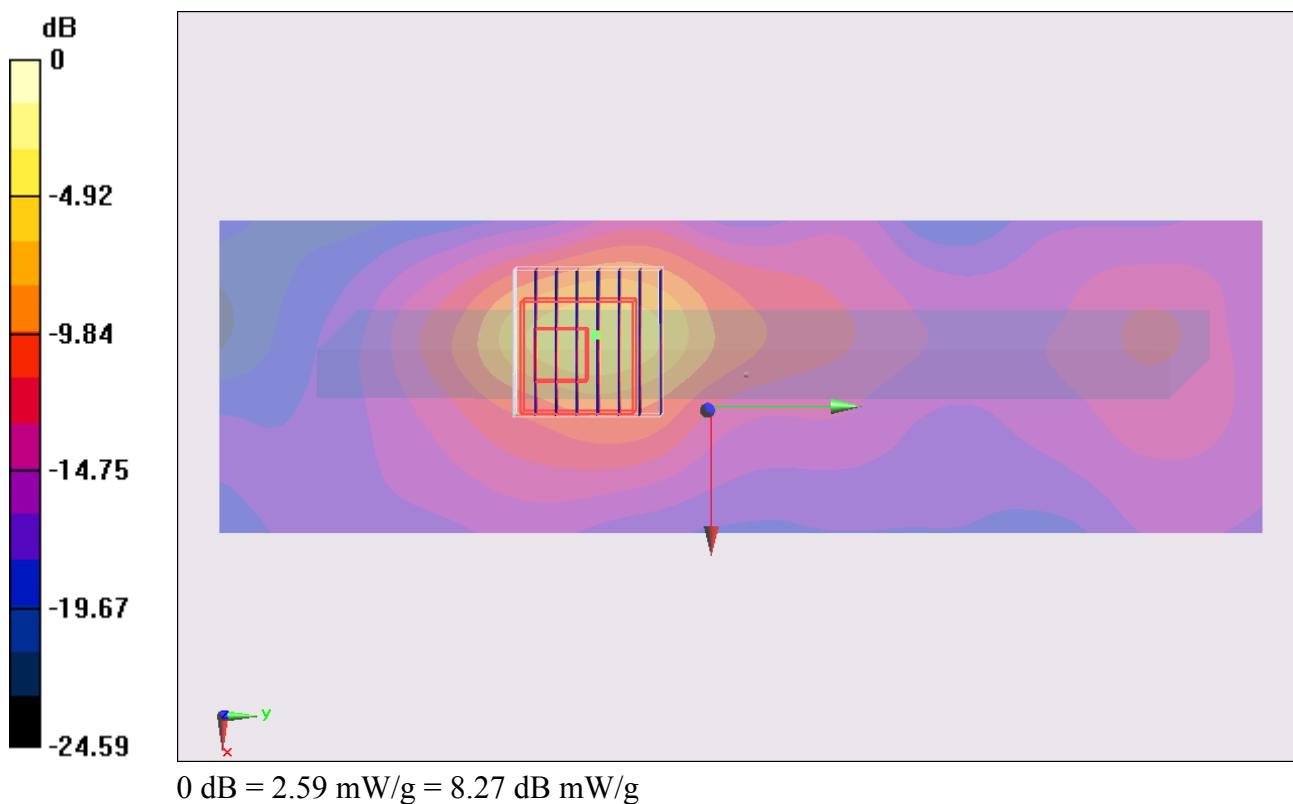
**Ch56/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.377 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 5.118 mW/g

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.330 mW/g**

Maximum value of SAR (measured) = 2.59 mW/g



**#280 WLAN5G\_802.11n(20M)\_Bottom Face Tilted\_0cm\_Ch60\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.301$  mho/m;  $\epsilon_r = 48.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch60/Area Scan (201x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.00 mW/g

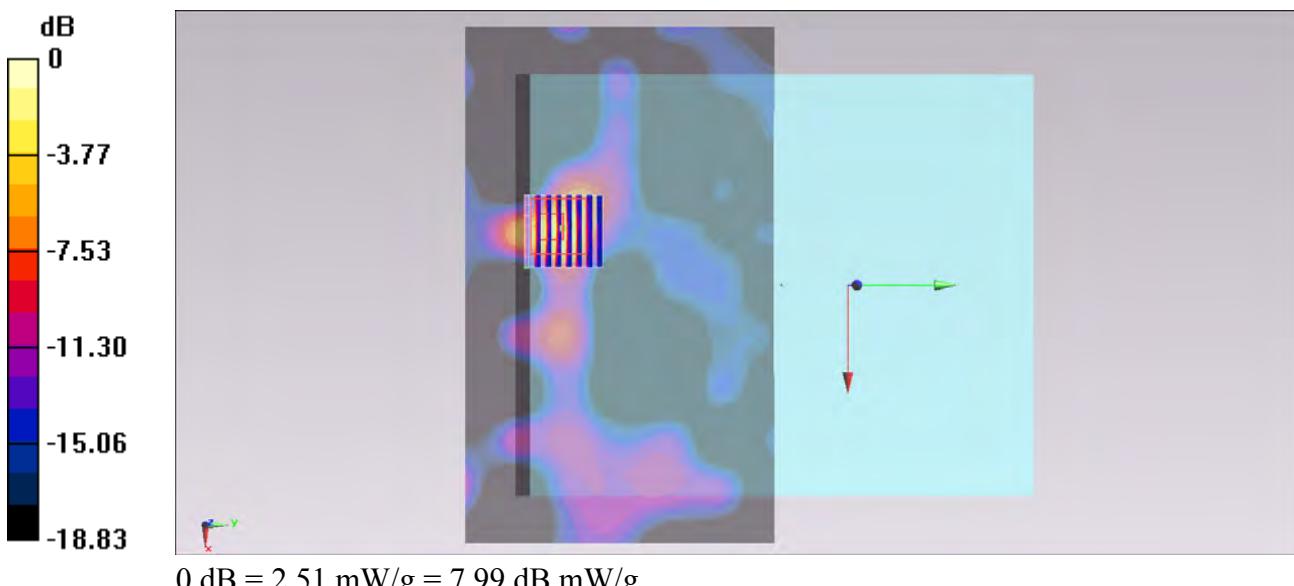
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.212 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 4.581 mW/g

**SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.409 mW/g**

Maximum value of SAR (measured) = 2.51 mW/g



**#280 WLAN5G\_802.11n(20M)\_Bottom Face Tilted\_0cm\_Ch60\_Ant1+2\_2D****DUT: 240709**

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.251$  mho/m;  $\epsilon_r = 48.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch60/Area Scan (201x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.00 mW/g

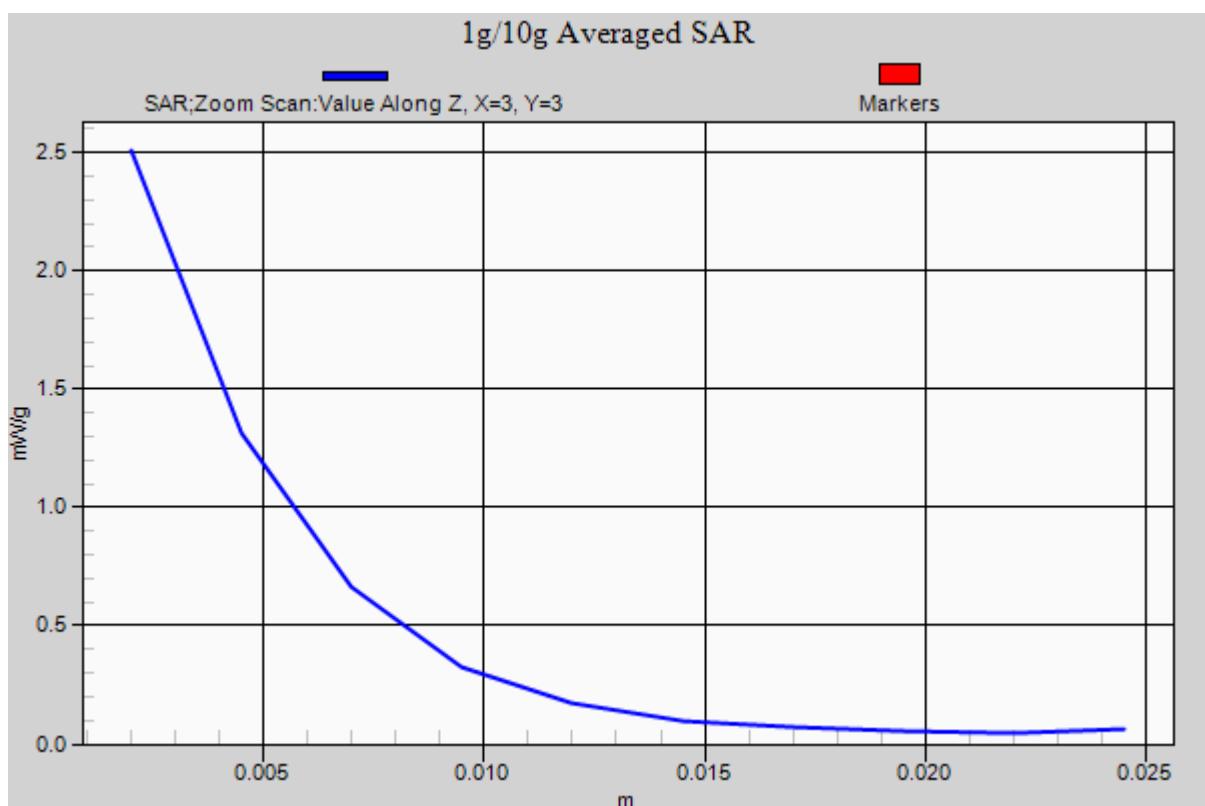
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.212 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 4.581 mW/g

**SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.409 mW/g**

Maximum value of SAR (measured) = 2.51 mW/g



**#290 WLAN5G\_802.11n(20M)\_Edge4 Bottom Face\_Tilted\_0cm\_Ch56\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120917 Medium parameters used:  $f = 5280 \text{ MHz}$ ;  $\sigma = 5.415 \text{ mho/m}$ ;  $\epsilon_r = 49.041$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch56/Area Scan (101x61x1):** Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 2.07 mW/g

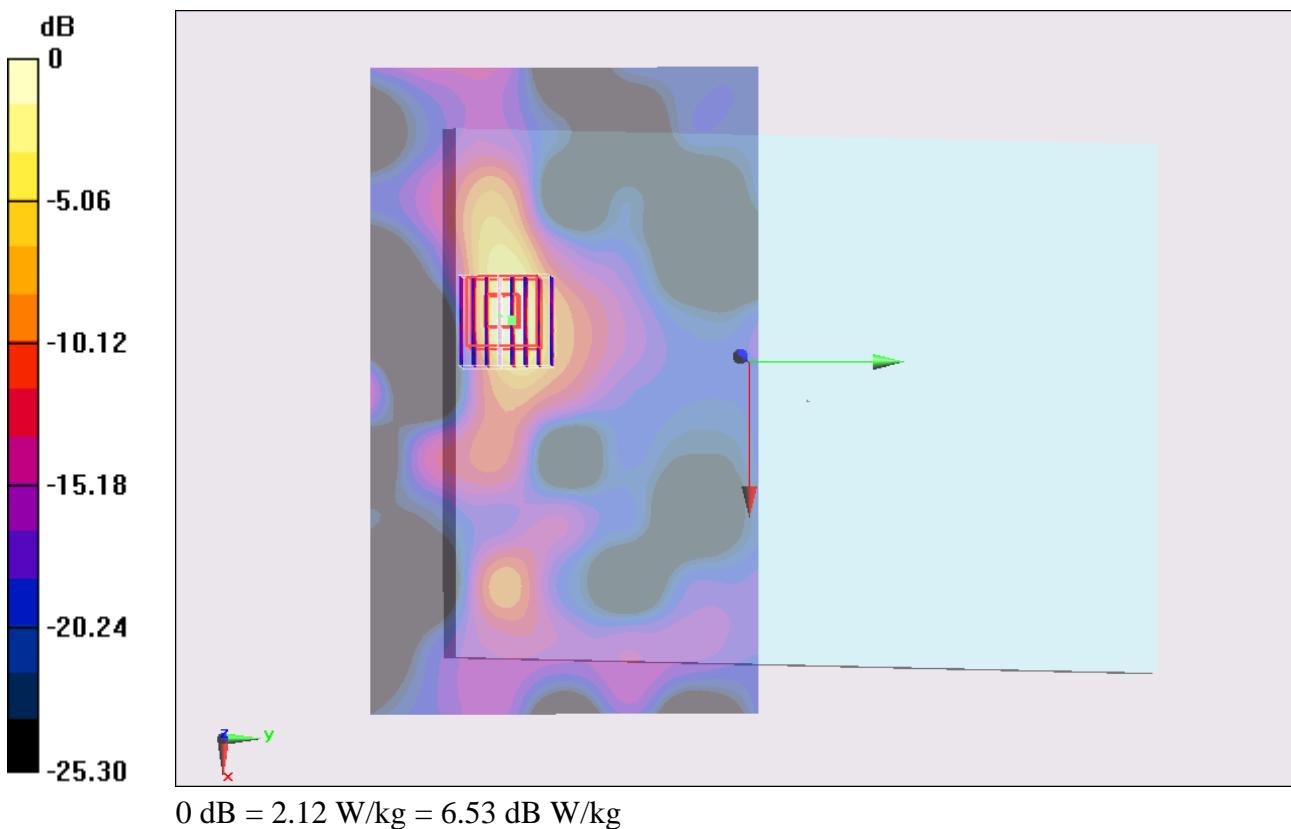
**Ch56/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.721 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 3.801 mW/g

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.382 mW/g**

Maximum value of SAR (measured) = 2.12 mW/g



**#289 WLAN5G\_802.11n(20M)\_Edge1 Bottom Face\_Tilted\_0cm\_Ch60\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.301$  mho/m;  $\epsilon_r = 48.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch60/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.68 mW/g

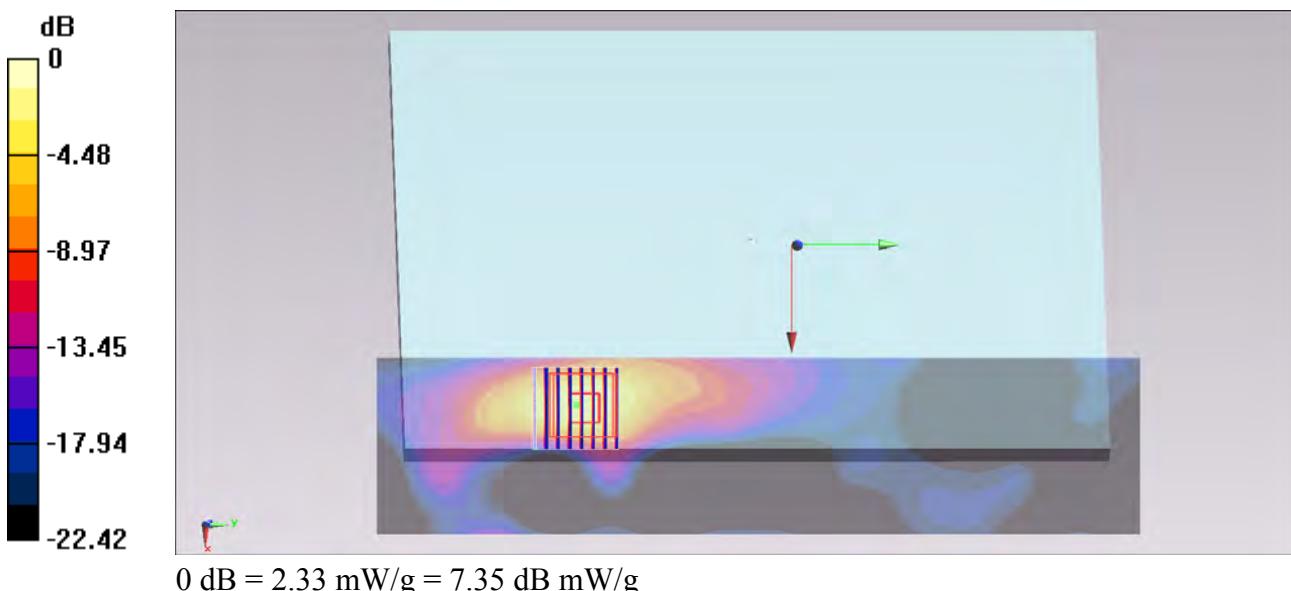
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.232 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 4.213 mW/g

**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.396 mW/g**

Maximum value of SAR (measured) = 2.33 mW/g



**#291 WLAN5G\_802.11n(20M)\_Edge1 Bottom Face\_Tilted\_0cm\_Ch56\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used:  $f = 5280 \text{ MHz}$ ;  $\sigma = 5.275 \text{ mho/m}$ ;  $\epsilon_r = 48.335$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch56/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.27 mW/g

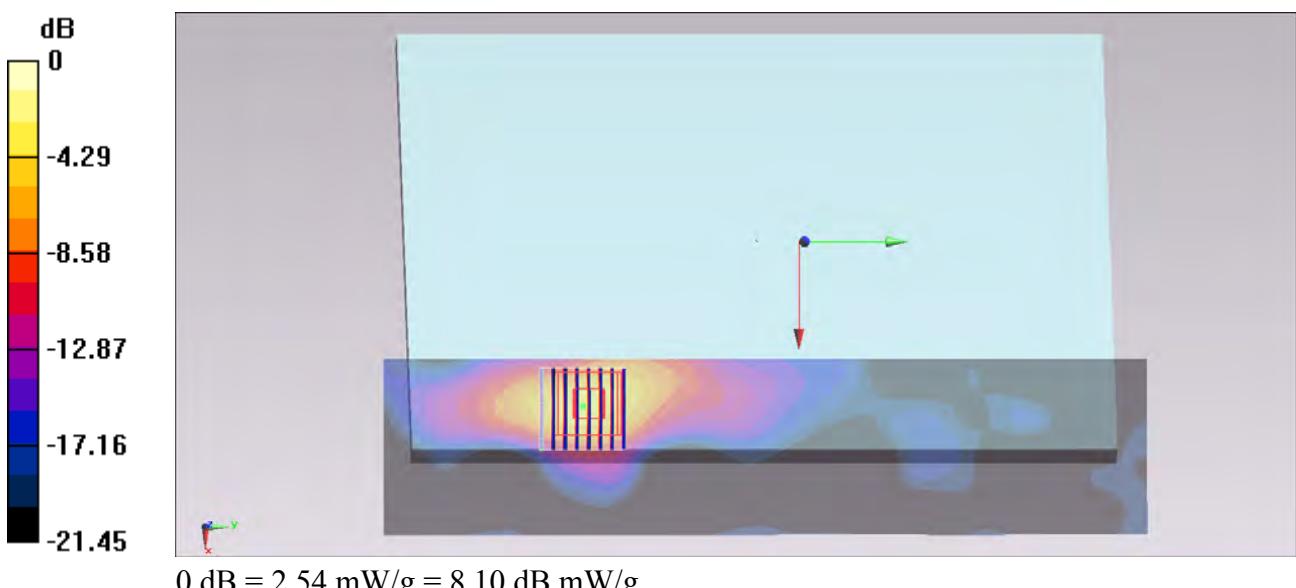
**Ch56/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.418 V/m; Power Drift = 0.181 dB

Peak SAR (extrapolated) = 4.293 mW/g

**SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.390 mW/g**

Maximum value of SAR (measured) = 2.54 mW/g



## #215 WLAN5G\_802.11n(20M)\_Bottom Face\_0cm\_Ch116\_Ant 1+2

**DUT: 240709**

Communication System: 802.11n; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5580 \text{ MHz}$ ;  $\sigma = 5.917 \text{ mho/m}$ ;  $\epsilon_r = 47.63$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch116/Area Scan (181x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.436 mW/g

**Ch116/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.181 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 4.897 mW/g

**SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.379 mW/g**

Maximum value of SAR (measured) = 2.49 mW/g

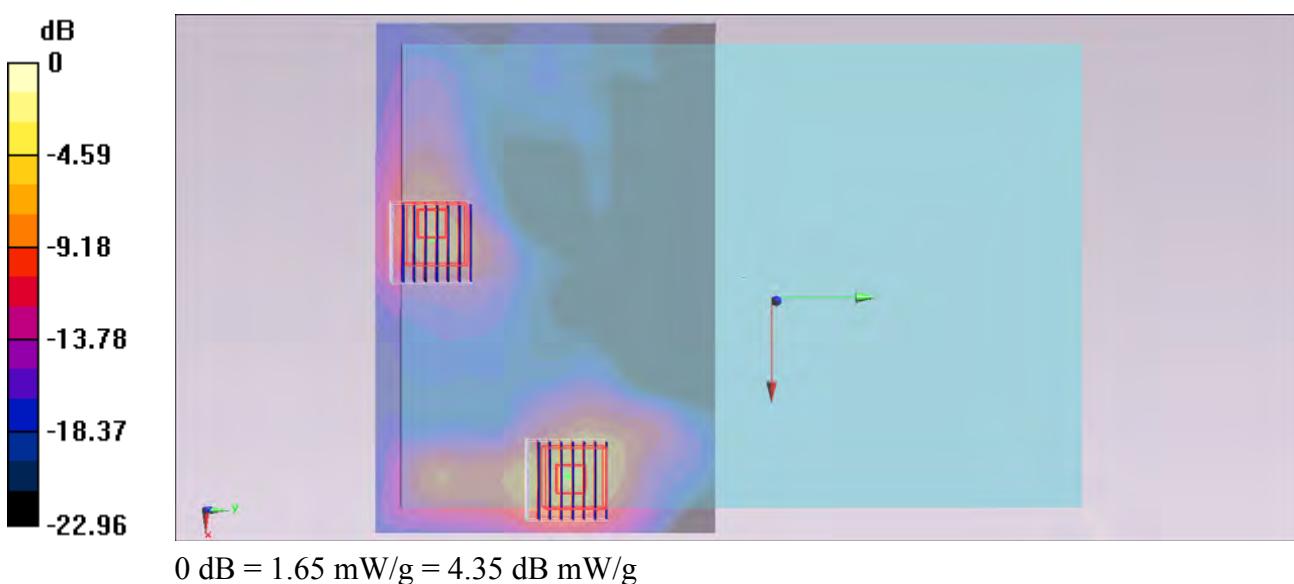
**Ch116/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.181 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.221 mW/g

**SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.232 mW/g**

Maximum value of SAR (measured) = 1.65 mW/g



**#215 WLAN5G\_802.11n(20M)\_Bottom Face\_0cm\_Ch116\_Ant 1+2\_2D****DUT: 240709**

Communication System: 802.11n; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used :  $f = 5580 \text{ MHz}$ ;  $\sigma = 5.917 \text{ mho/m}$ ;  $\epsilon_r = 47.63$ ; $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch116/Area Scan (181x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.436 mW/g

**Ch116/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.181 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 4.897 mW/g

**SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.379 mW/g**

Maximum value of SAR (measured) = 2.49 mW/g

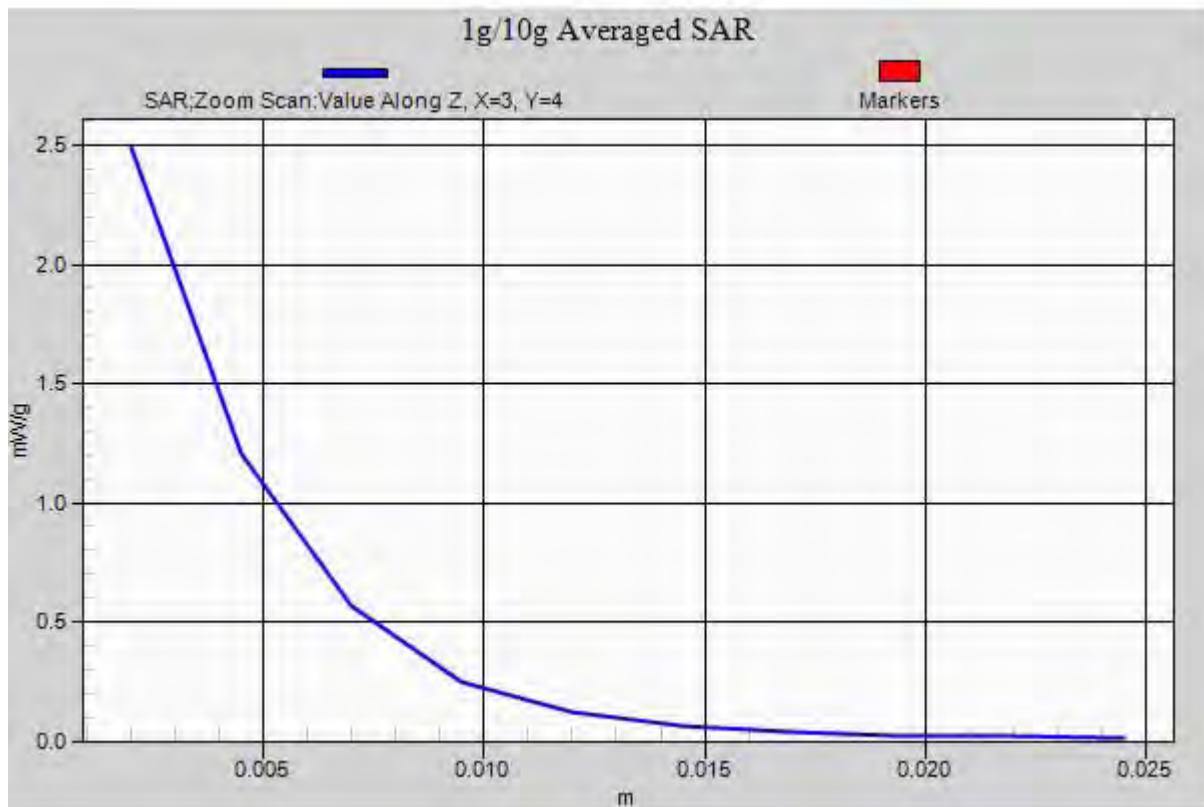
**Ch116/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.181 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.221 mW/g

**SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.232 mW/g**

Maximum value of SAR (measured) = 1.65 mW/g



**#228 WLAN5G\_802.11n(20M)\_Bottom Face\_0cm\_Ch108\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used :  $f = 5540$  MHz;  $\sigma = 5.862$  mho/m;  $\epsilon_r = 47.743$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch108/Area Scan (181x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.438 mW/g

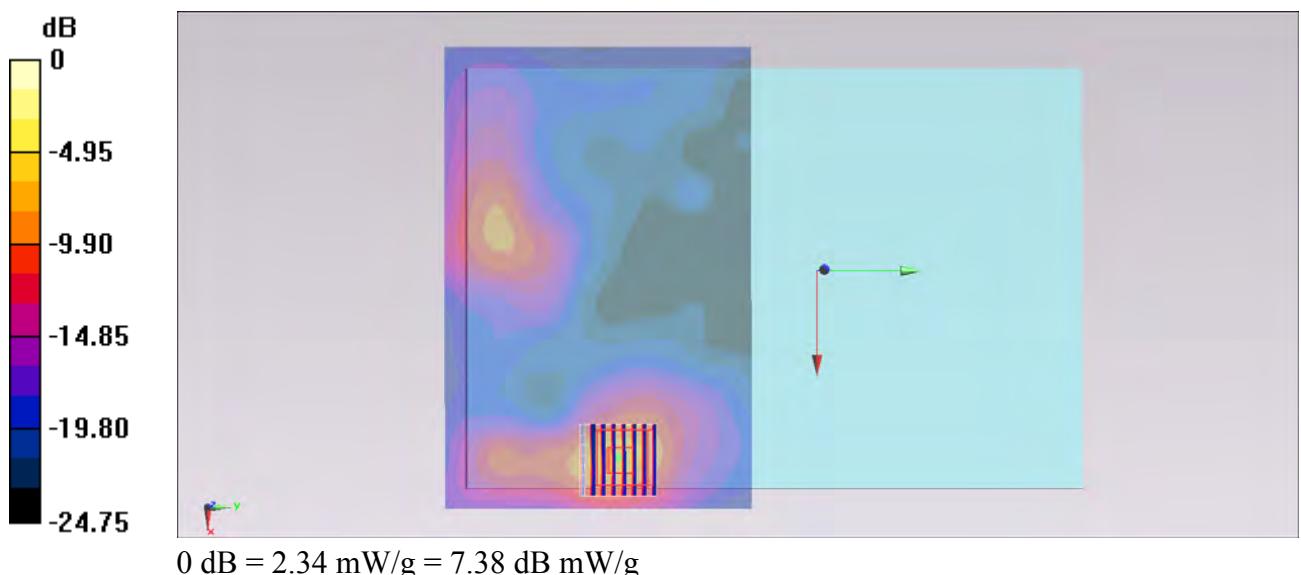
**Ch108/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.241 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 4.568 mW/g

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.360 mW/g**

Maximum value of SAR (measured) = 2.34 mW/g



## #229 WLAN5G\_802.11n(20M)\_Bottom Face\_0cm\_Ch132\_Ant 1+2

**DUT: 240709**

Communication System: 802.11n; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5660 \text{ MHz}$ ;  $\sigma = 6.033 \text{ mho/m}$ ;  $\epsilon_r = 47.462$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch132/Area Scan (181x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.528 mW/g

**Ch132/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 5.053 mW/g

**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.354 mW/g**

Maximum value of SAR (measured) = 2.59 mW/g

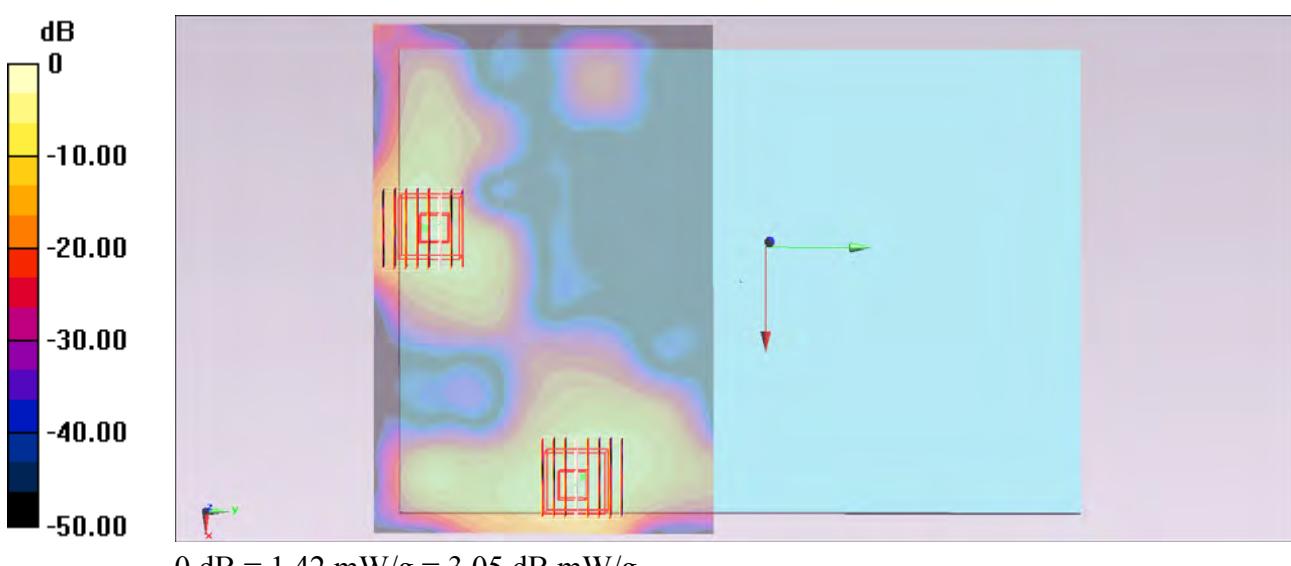
**Ch132/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.897 mW/g

**SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.182 mW/g**

Maximum value of SAR (measured) = 1.42 mW/g



**#216 WLAN5G\_802.11n(20M)\_Edge 1\_0cm\_Ch116\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5580 \text{ MHz}$ ;  $\sigma = 5.917 \text{ mho/m}$ ;  $\epsilon_r = 47.63$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch116/Area Scan (61x281x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.541 mW/g

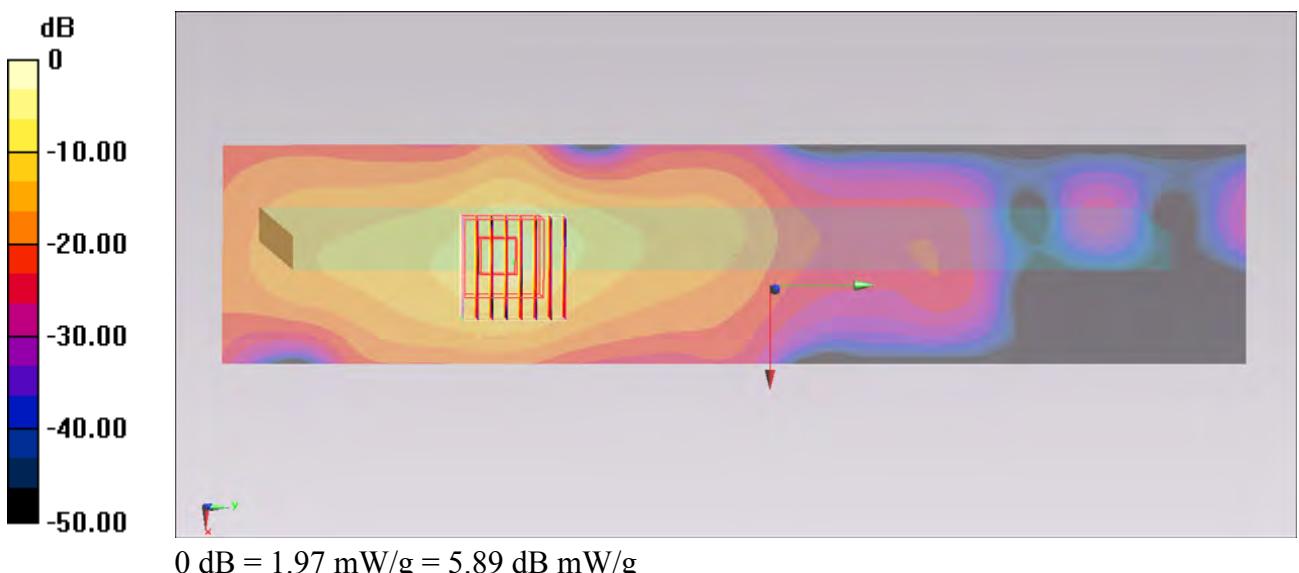
**Ch116/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.284 V/m; Power Drift = -0.147 dB

Peak SAR (extrapolated) = 3.684 mW/g

**SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.287 mW/g**

Maximum value of SAR (measured) = 1.97 mW/g



**#240 WLAN5G\_802.11n(20M)\_Edge 1\_0cm\_Ch108\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5540$  MHz;  $\sigma = 5.862$  mho/m;  $\epsilon_r = 47.743$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch108/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.377 mW/g

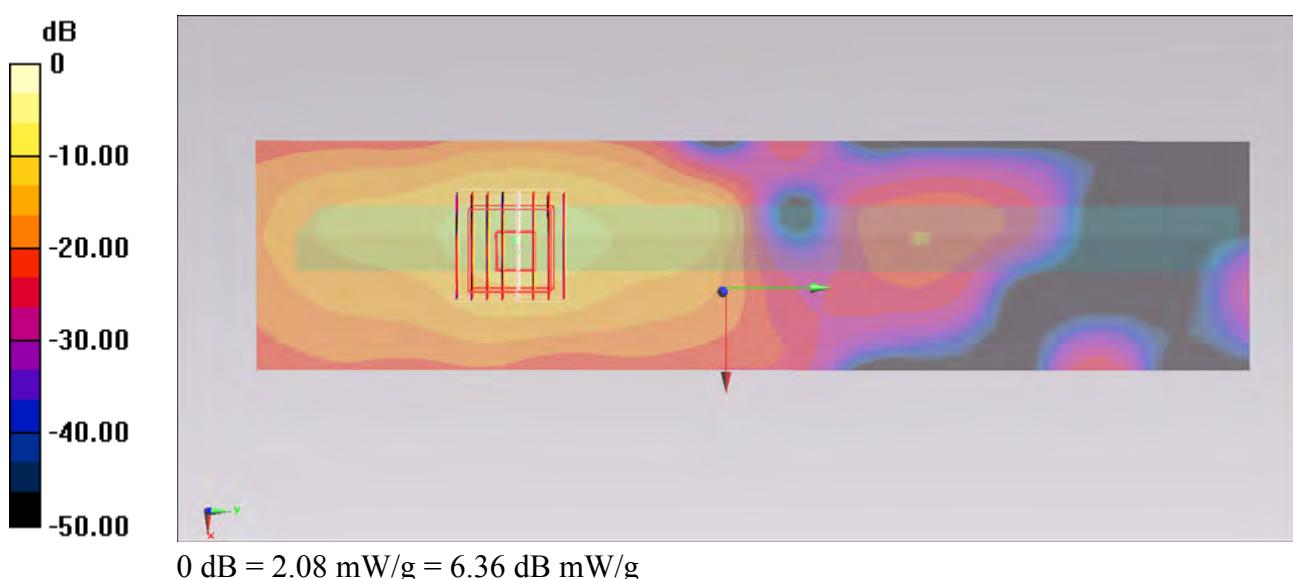
**Ch108/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.462 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 3.854 mW/g

**SAR(1 g) = 0.989 mW/g; SAR(10 g) = 0.299 mW/g**

Maximum value of SAR (measured) = 2.08 mW/g



**#241 WLAN5G\_802.11n(20M)\_Edge 1\_0cm\_Ch132\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5660 \text{ MHz}$ ;  $\sigma = 6.033 \text{ mho/m}$ ;  $\epsilon_r = 47.462$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch132/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.501 mW/g

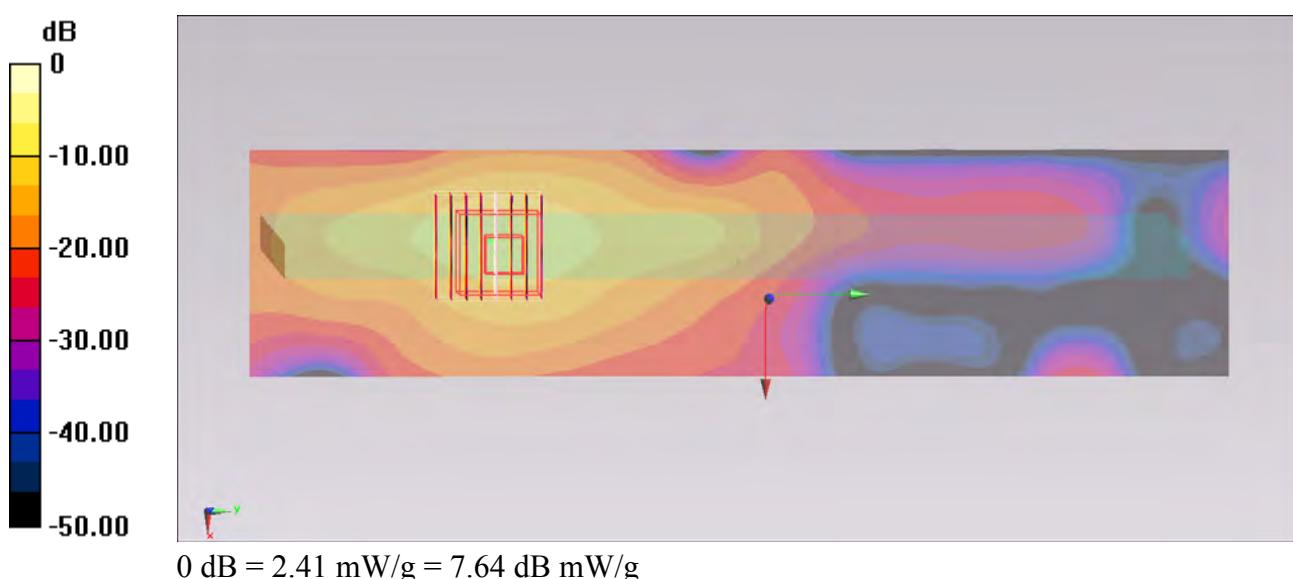
**Ch132/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.233 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 4.740 mW/g

**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.343 mW/g**

Maximum value of SAR (measured) = 2.41 mW/g



**#242 WLAN5G\_802.11n(20M)\_Edge 4\_0cm\_Ch116\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5580 \text{ MHz}$ ;  $\sigma = 5.917 \text{ mho/m}$ ;  $\epsilon_r = 47.63$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch116/Area Scan (61x201x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.549 mW/g

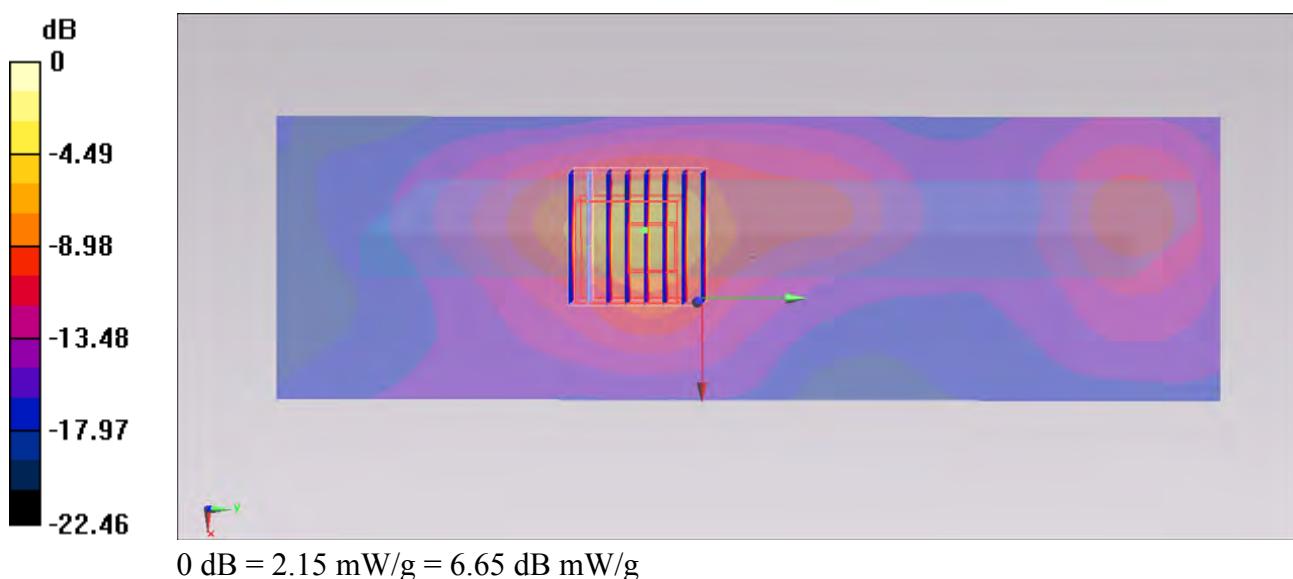
**Ch116/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.326 V/m; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 4.404 mW/g

**SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.320 mW/g**

Maximum value of SAR (measured) = 2.15 mW/g



**#243 WLAN5G\_802.11n(20M)\_Edge 4\_0cm\_Ch108\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5540 \text{ MHz}$ ;  $\sigma = 5.862 \text{ mho/m}$ ;  $\epsilon_r = 47.743$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch108/Area Scan (61x201x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.535 mW/g

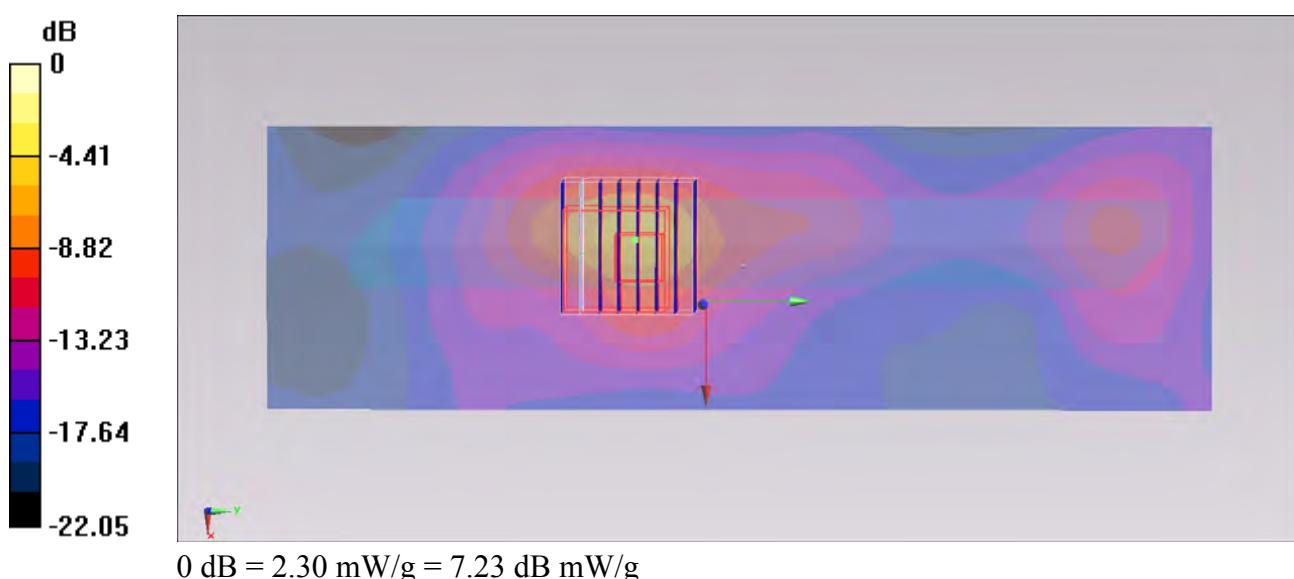
**Ch108/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.524 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 4.682 mW/g

**SAR(1 g) = 0.956 mW/g; SAR(10 g) = 0.326 mW/g**

Maximum value of SAR (measured) = 2.30 mW/g



**#244 WLAN5G\_802.11n(20M)\_Edge 4\_0cm\_Ch132\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5660$  MHz;  $\sigma = 6.033$  mho/m;  $\epsilon_r = 47.462$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch132/Area Scan (61x201x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.525 mW/g

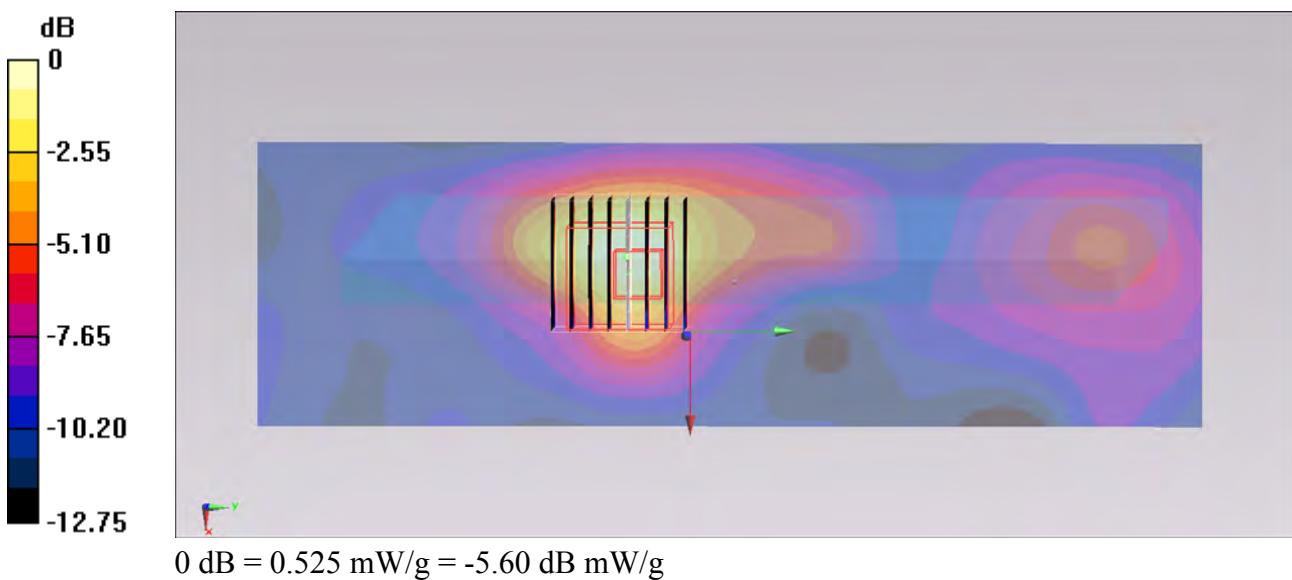
**Ch132/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.423 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.989 mW/g

**SAR(1 g) = 0.956 mW/g; SAR(10 g) = 0.286 mW/g**

Maximum value of SAR (measured) = 2.08 mW/g



**#281 WLAN5G\_802.11n(20M)\_Edge4 Bottom Face\_Tilted\_0cm\_Ch116\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5580 MHz; Duty Cycle: 1:1  
Medium: MSL\_5G\_120913 Medium parameters used:  $f = 5580 \text{ MHz}$ ;  $\sigma = 5.84 \text{ mho/m}$ ;  $\epsilon_r = 48.3$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

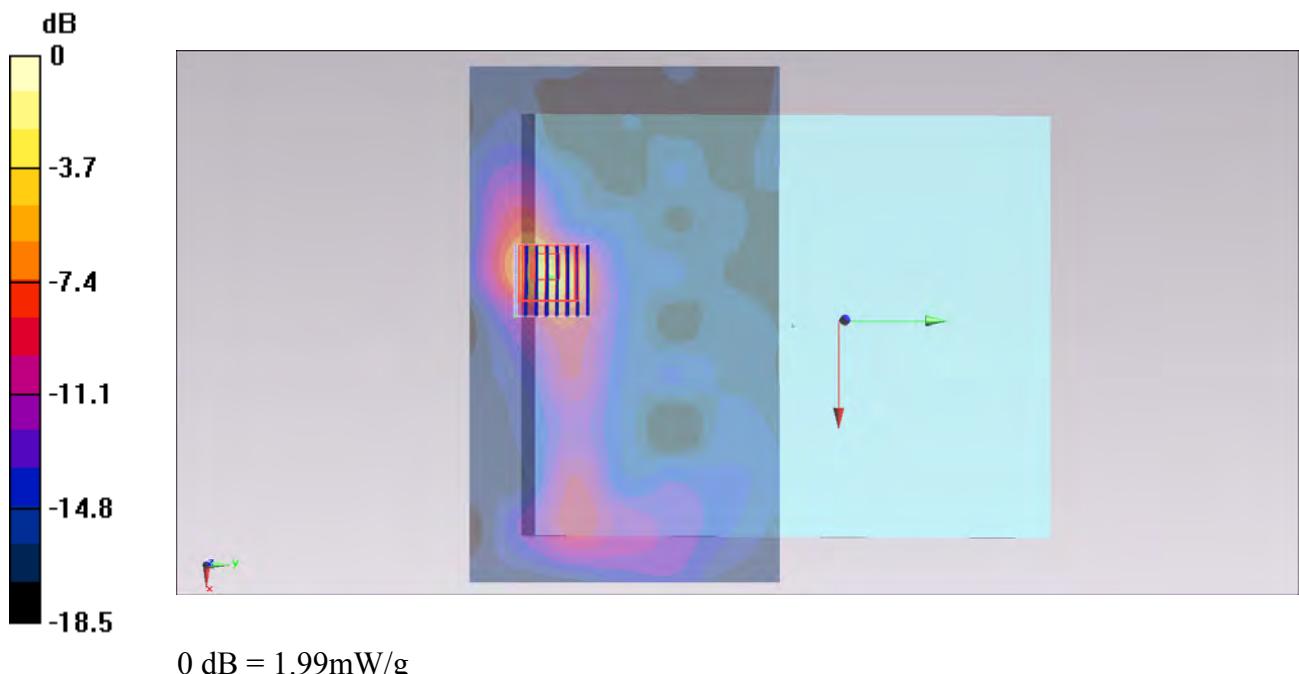
**Ch116/Area Scan (201x121x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.911 mW/g

**Ch116/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 2.92 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 3.51 W/kg

**SAR(1 g) = 0.942 mW/g; SAR(10 g) = 0.296 mW/g**

Maximum value of SAR (measured) = 1.99 mW/g



**#293 WLAN5G\_802.11n(20M)\_Edge4 Bottom Face\_Tilted\_0cm\_Ch108\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used:  $f = 5540 \text{ MHz}$ ;  $\sigma = 5.635 \text{ mho/m}$ ;  $\epsilon_r = 47.797$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch108/Area Scan (201x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.955 mW/g

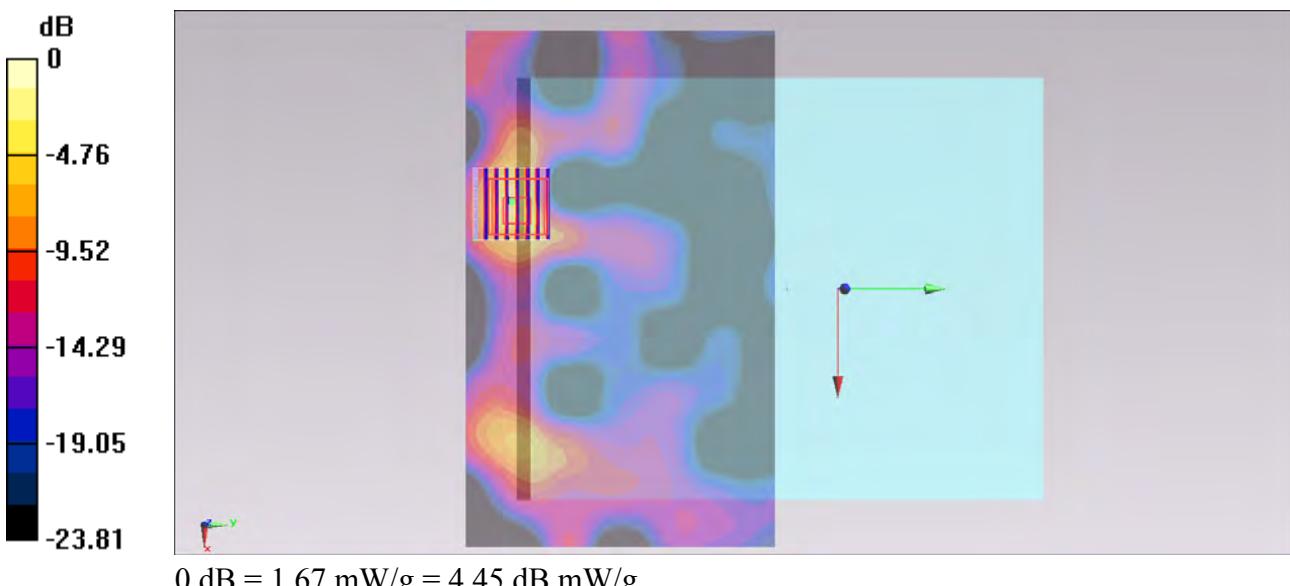
**Ch108/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.121 V/m; Power Drift = 0.147 dB

Peak SAR (extrapolated) = 3.047 mW/g

**SAR(1 g) = 0.832 mW/g; SAR(10 g) = 0.246 mW/g**

Maximum value of SAR (measured) = 1.67 mW/g



**#295 WLAN5G\_802.11n(20M)\_Edge4 Bottom Face\_Tilted\_0cm\_Ch132\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used:  $f = 5660 \text{ MHz}$ ;  $\sigma = 5.806 \text{ mho/m}$ ;  $\epsilon_r = 47.517$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch132/Area Scan (201x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.01 mW/g

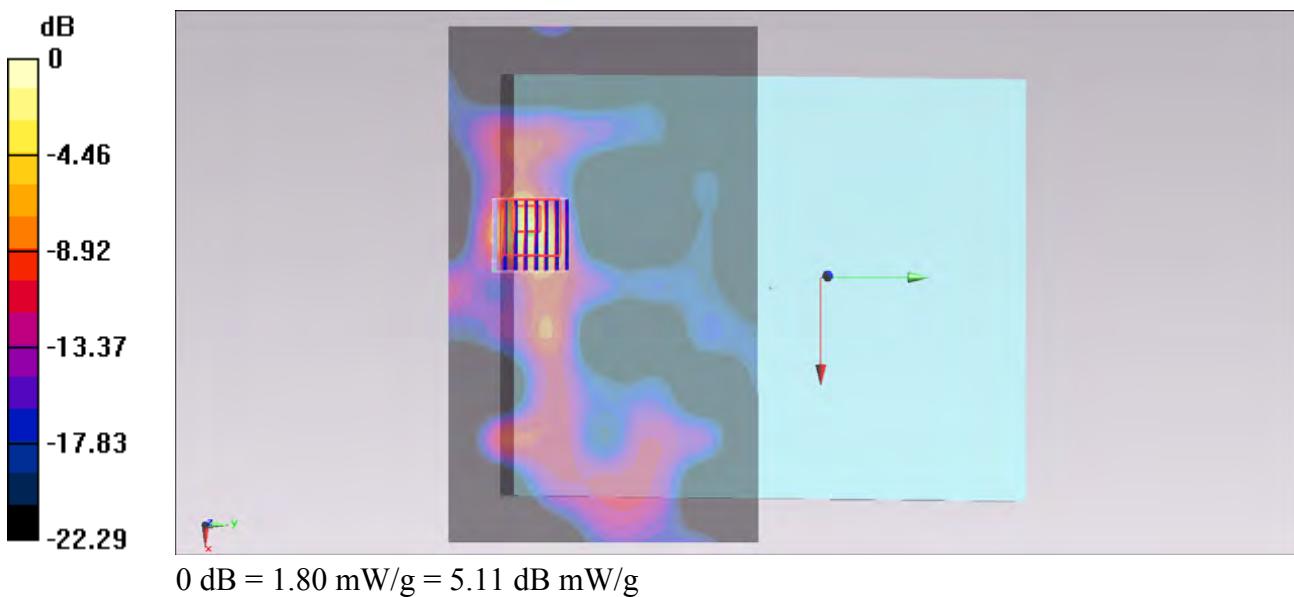
**/Ch132/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.029 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 3.384 mW/g

**SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.245 mW/g**

Maximum value of SAR (measured) = 1.80 mW/g



**#292 WLAN5G\_802.11n(20M)\_Edge1 Bottom Face\_Tilted\_0cm\_Ch116\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used:  $f = 5580 \text{ MHz}$ ;  $\sigma = 5.688 \text{ mho/m}$ ;  $\epsilon_r = 47.693$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch116/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.09 mW/g

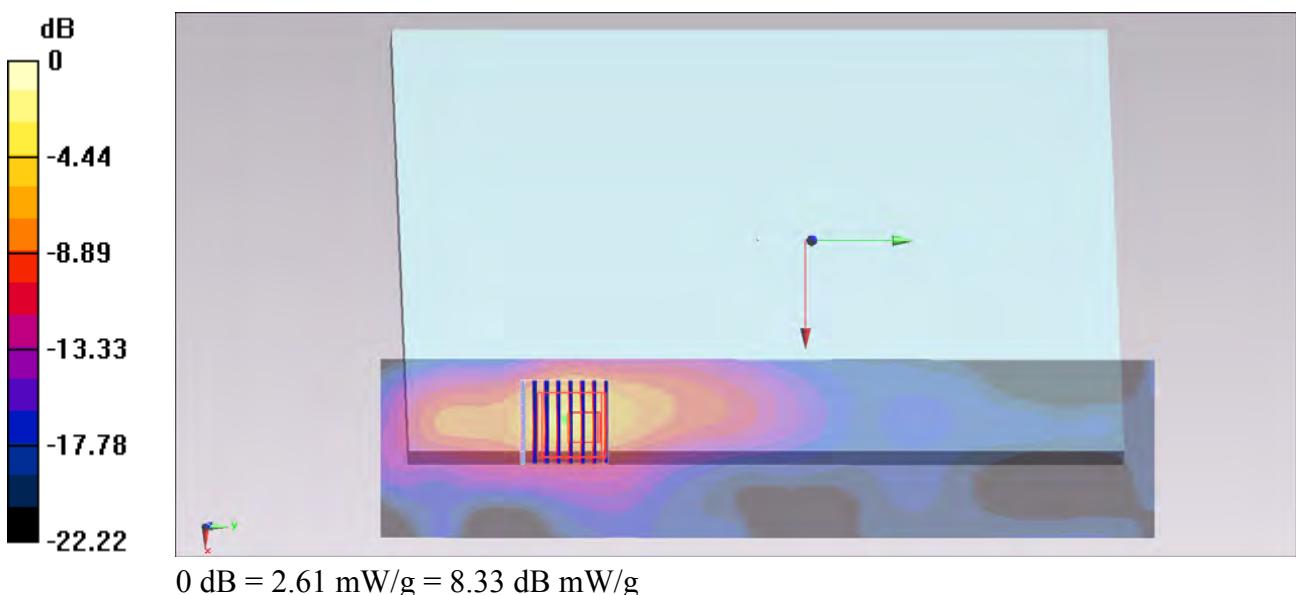
**Ch116/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.045 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 4.757 mW/g

**SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.376 mW/g**

Maximum value of SAR (measured) = 2.61 mW/g



**#292 WLAN5G\_802.11n(20M)\_Edge1 Bottom Face\_Tilted\_0cm\_Ch116\_Ant1+2\_2D****DUT: 240709**

Communication System: 802.11n; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used:  $f = 5580 \text{ MHz}$ ;  $\sigma = 5.688 \text{ mho/m}$ ;  $\epsilon_r = 47.693$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch116/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.09 mW/g

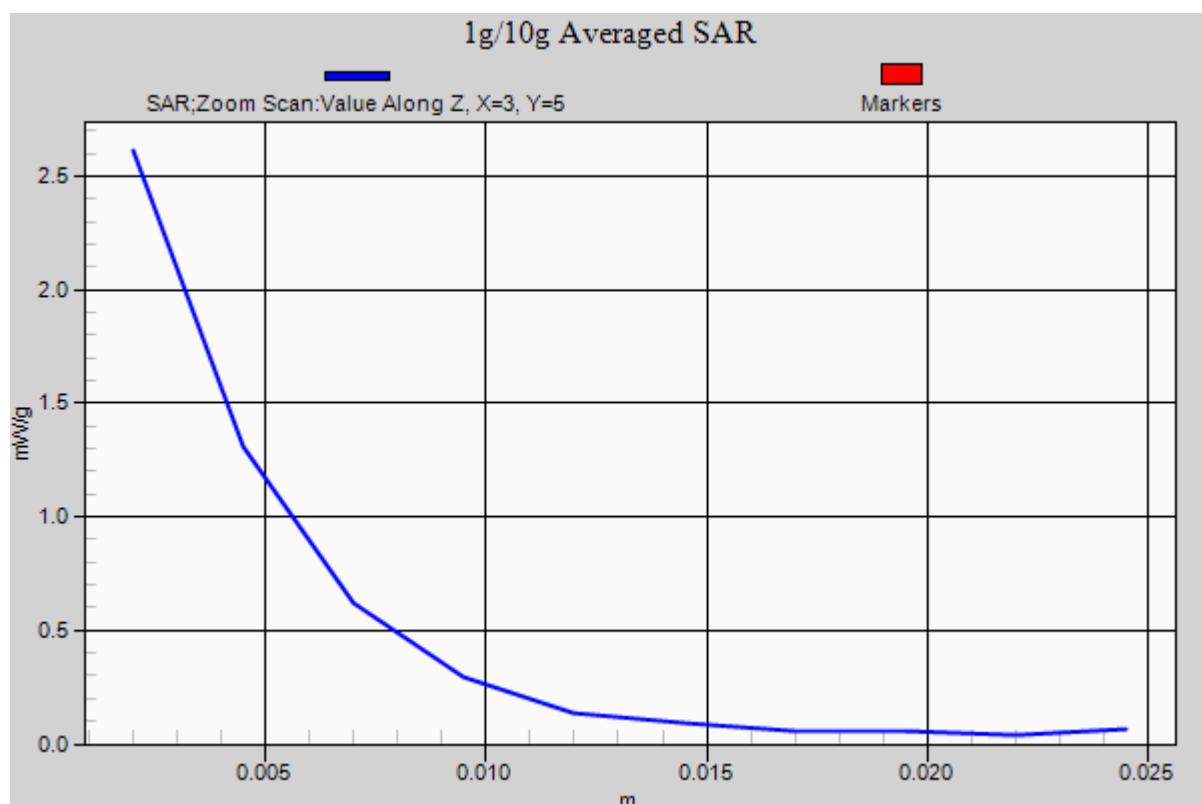
**Ch116/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.045 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 4.757 mW/g

**SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.376 mW/g**

Maximum value of SAR (measured) = 2.61 mW/g



**#294 WLAN5G\_802.11n(20M)\_Edge1 Bottom Face\_Tilted\_0cm\_Ch108\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used:  $f = 5540 \text{ MHz}$ ;  $\sigma = 5.635 \text{ mho/m}$ ;  $\epsilon_r = 47.797$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch108/Area Scan (61x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.16 mW/g

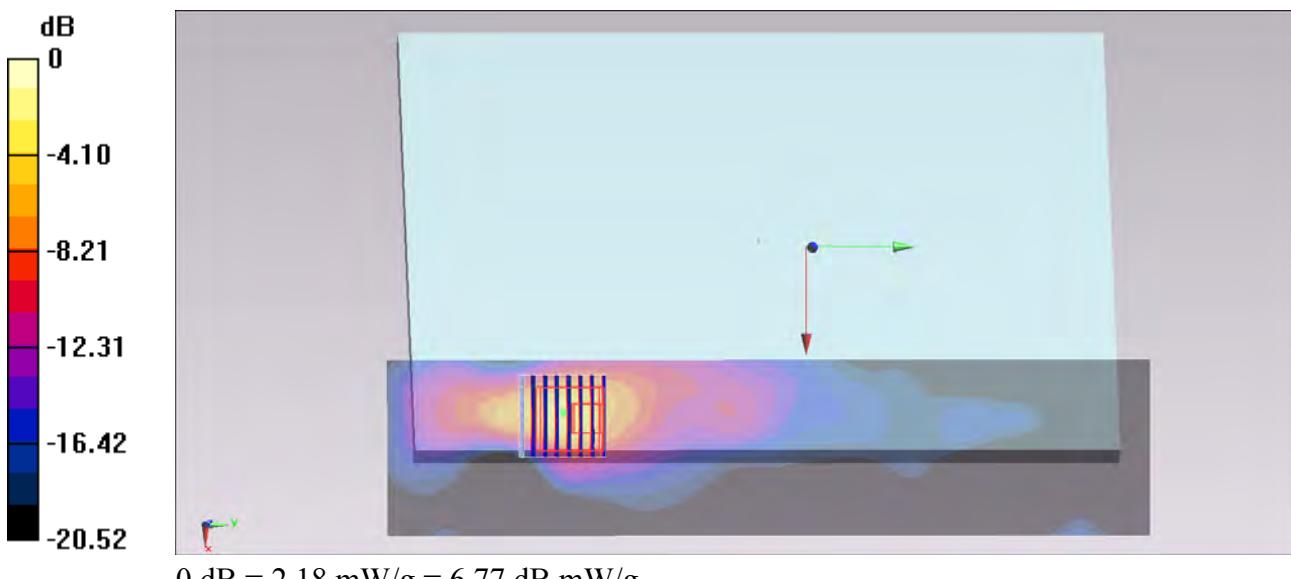
**Ch108/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.129 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 4.183 mW/g

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.310 mW/g**

Maximum value of SAR (measured) = 2.18 mW/g



**#296 WLAN5G\_802.11n(20M)\_Edge1 Bottom Face\_Tilted\_0cm\_Ch132\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120914 Medium parameters used:  $f = 5660 \text{ MHz}$ ;  $\sigma = 5.806 \text{ mho/m}$ ;  $\epsilon_r = 47.517$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch132/Area Scan (81x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.53 mW/g

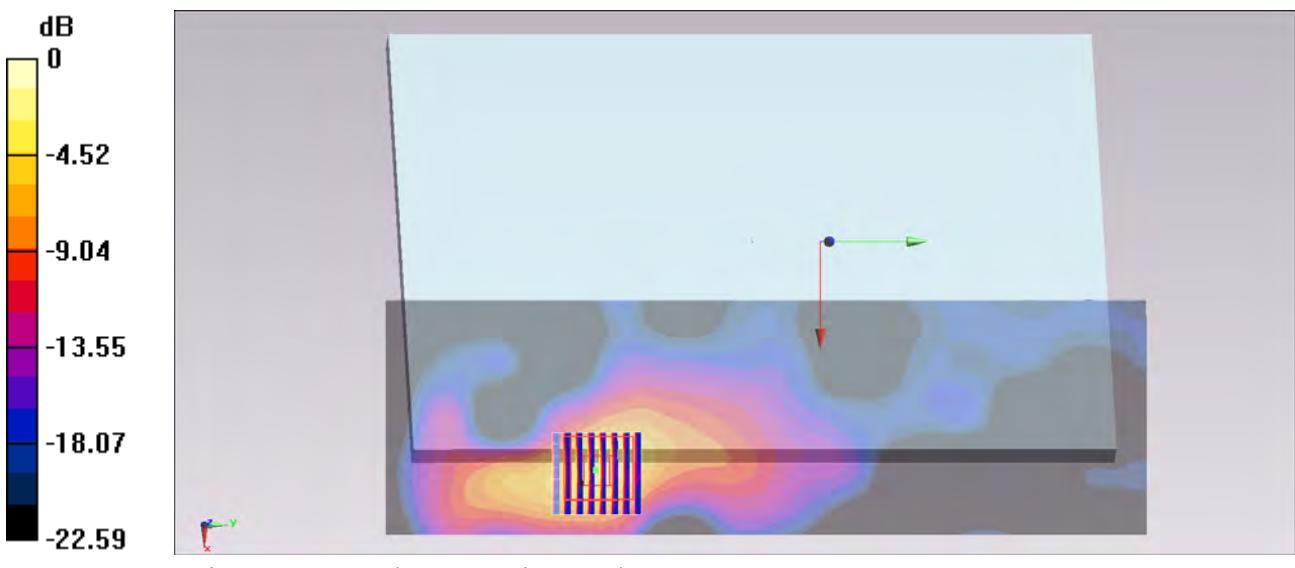
**Ch132/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.979 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 4.473 mW/g

**SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.387 mW/g**

Maximum value of SAR (measured) = 2.45 mW/g



**#205 WLAN5G\_802.11n(20M)\_Bottom Face\_0cm\_Ch157\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.205$  mho/m;  $\epsilon_r = 47.176$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch157/Area Scan (181x281x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.42 mW/g

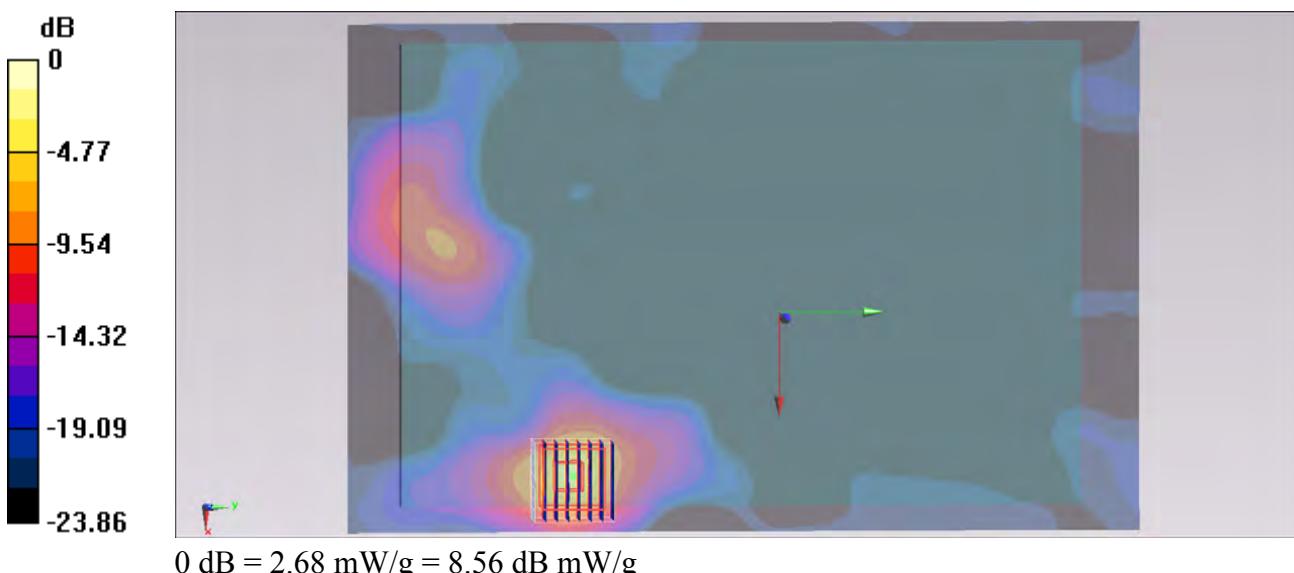
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.625 V/m; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 5.141 mW/g

**SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.386 mW/g**

Maximum value of SAR (measured) = 2.68 mW/g



**#205 WLAN5G\_802.11n(20M)\_Bottom Face\_0cm\_Ch157\_Ant 1+2\_2D****DUT: 240709**

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.205$  mho/m;  $\epsilon_r = 47.176$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch157/Area Scan (181x281x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.42 mW/g

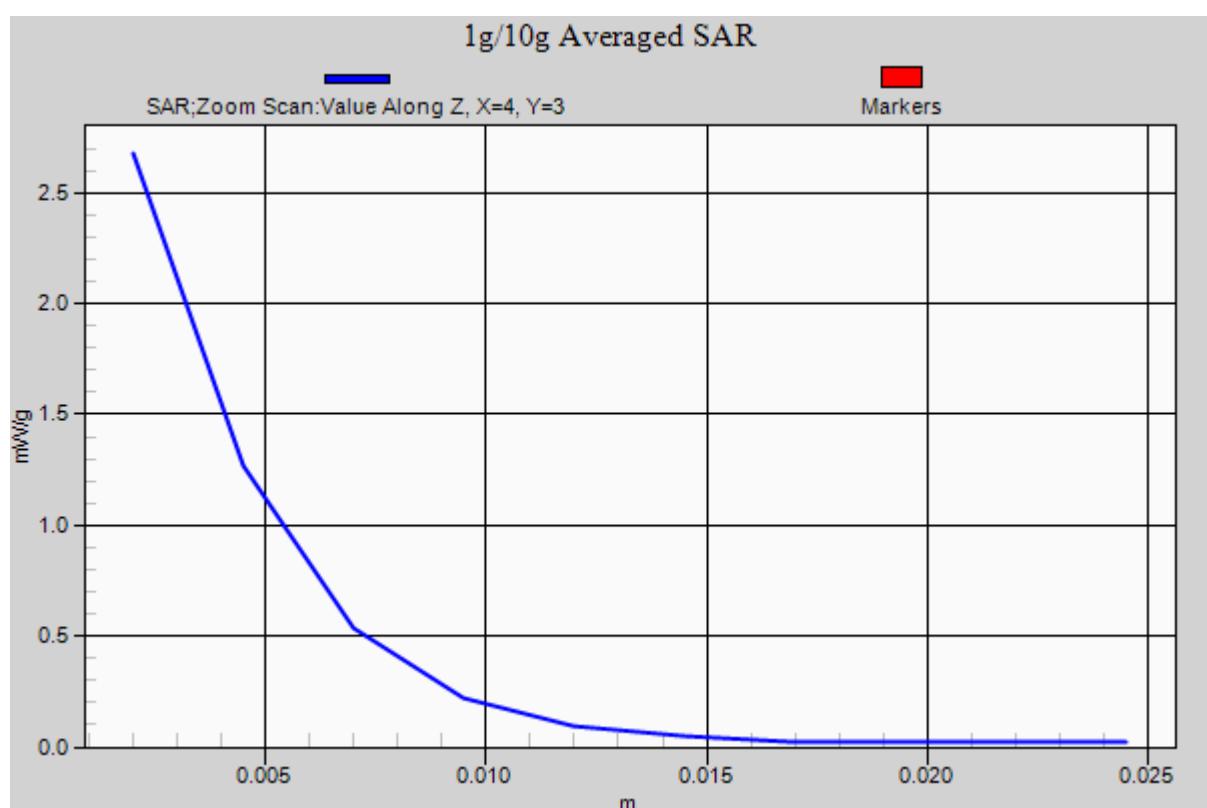
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.625 V/m; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 5.141 mW/g

**SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.386 mW/g**

Maximum value of SAR (measured) = 2.68 mW/g



**#230 WLAN5G\_802.11n(20M)\_Bottom Face\_0cm\_Ch153\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5765 \text{ MHz}$ ;  $\sigma = 6.185 \text{ mho/m}$ ;  $\epsilon_r = 47.239$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch153/Area Scan (181x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.551 mW/g

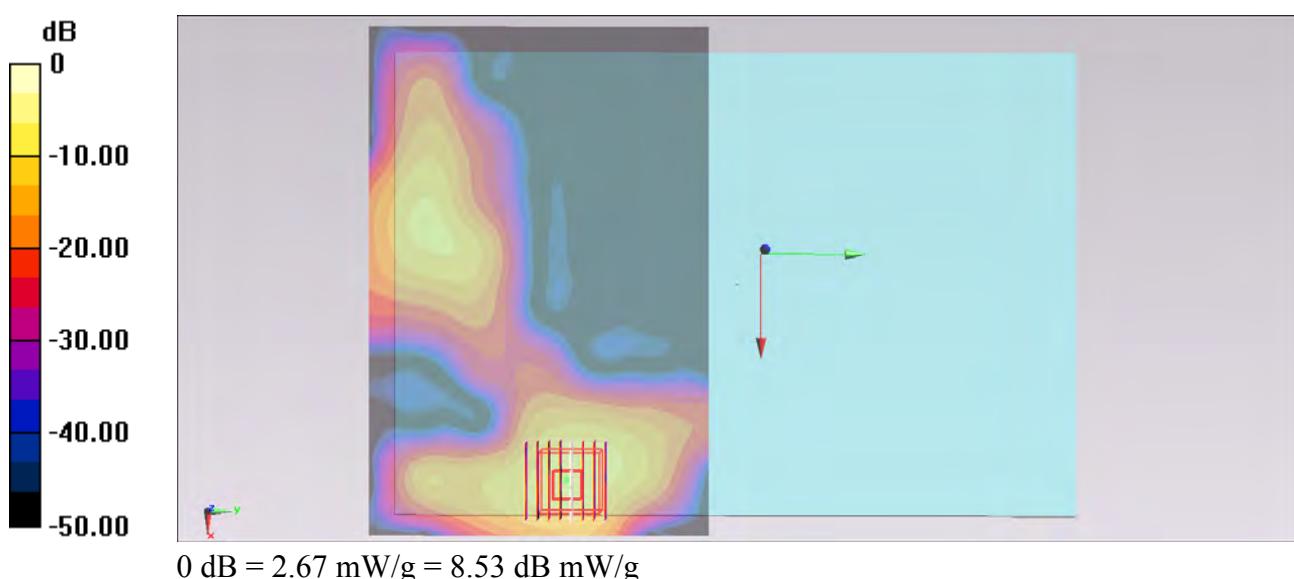
**Ch153/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.074 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 5.217 mW/g

**SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.373 mW/g**

Maximum value of SAR (measured) = 2.67 mW/g



**#263 WLAN5G\_802.11n(20M)\_Bottom Face\_0cm\_Ch161\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5805 \text{ MHz}$ ;  $\sigma = 6.228 \text{ mho/m}$ ;  $\epsilon_r = 47.111$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch161/Area Scan (181x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.51 mW/g

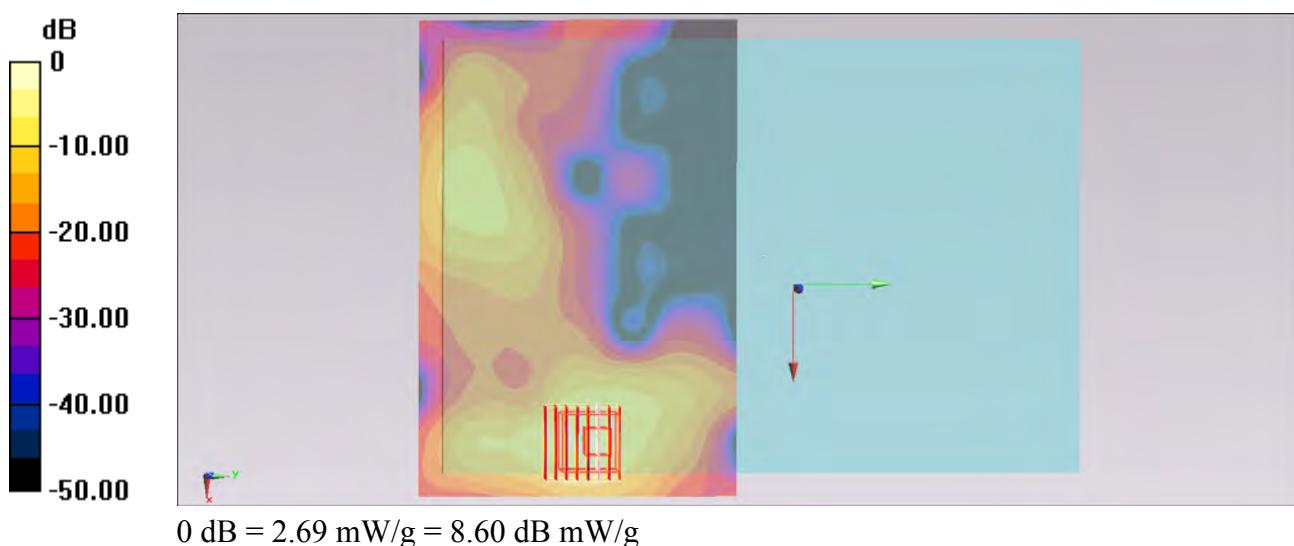
**Ch161/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 5.193 mW/g

**SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.359 mW/g**

Maximum value of SAR (measured) = 2.69 mW/g



**#206 WLAN5G\_802.11n(20M)\_Edge 1\_0cm\_Ch157\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.205$  mho/m;  $\epsilon_r = 47.176$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch157/Area Scan (61x281x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.446 mW/g

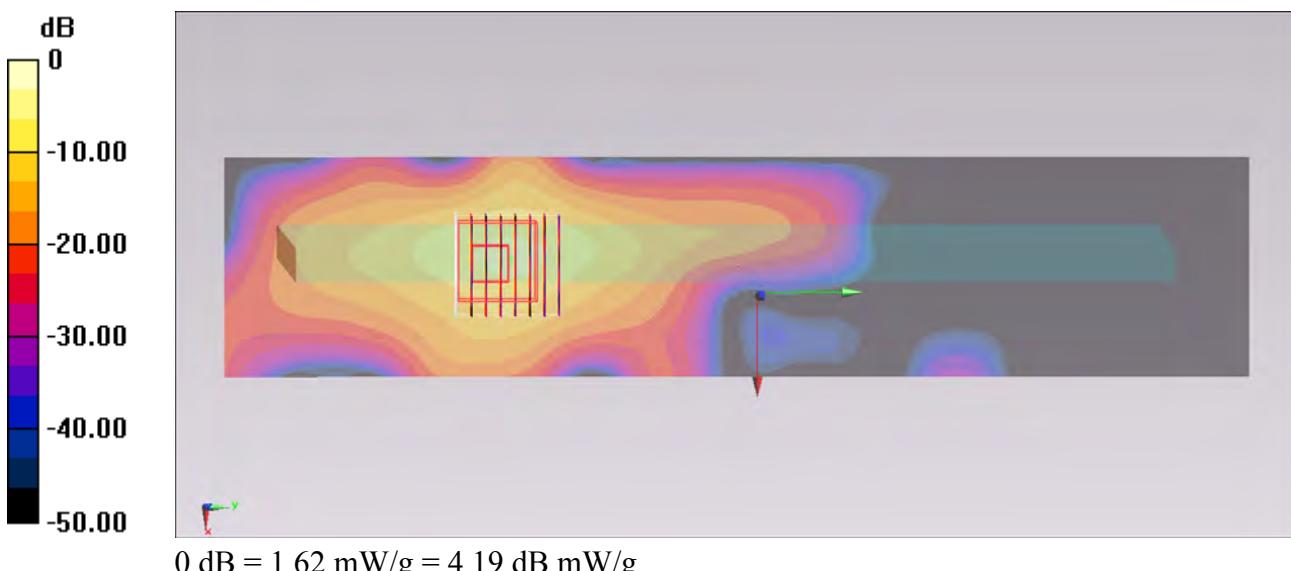
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.448 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 3.081 mW/g

**SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.231 mW/g**

Maximum value of SAR (measured) = 1.62 mW/g



## #238 WLAN5G\_802.11n(20M)\_Edge 4\_0cm\_Ch157\_Ant 1+2

**DUT: 240709**

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.205$  mho/m;  $\epsilon_r = 47.176$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch157/Area Scan (61x201x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.530 mW/g

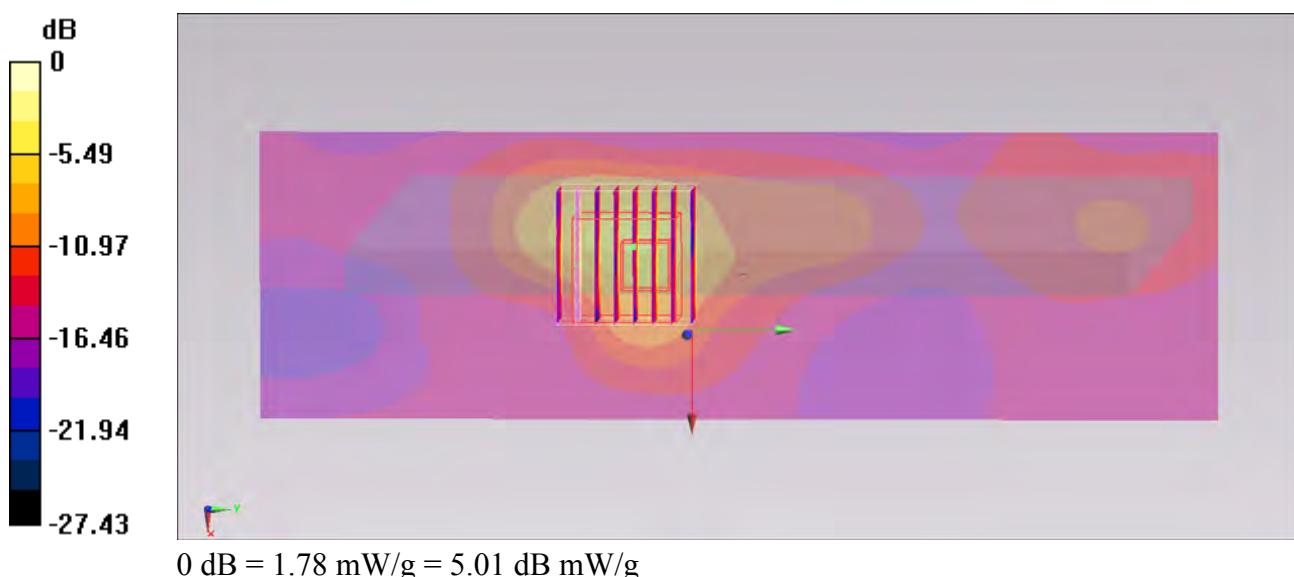
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.723 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.712 mW/g

**SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.288 mW/g**

Maximum value of SAR (measured) = 1.78 mW/g



**#239 WLAN5G\_802.11n(20M)\_Edge 4\_0cm\_Ch153\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5765 \text{ MHz}$ ;  $\sigma = 6.185 \text{ mho/m}$ ;  $\epsilon_r = 47.239$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch153/Area Scan (61x201x1):** Measurement grid: dx=10mm, dy=20mm

Maximum value of SAR (interpolated) = 0.496 mW/g

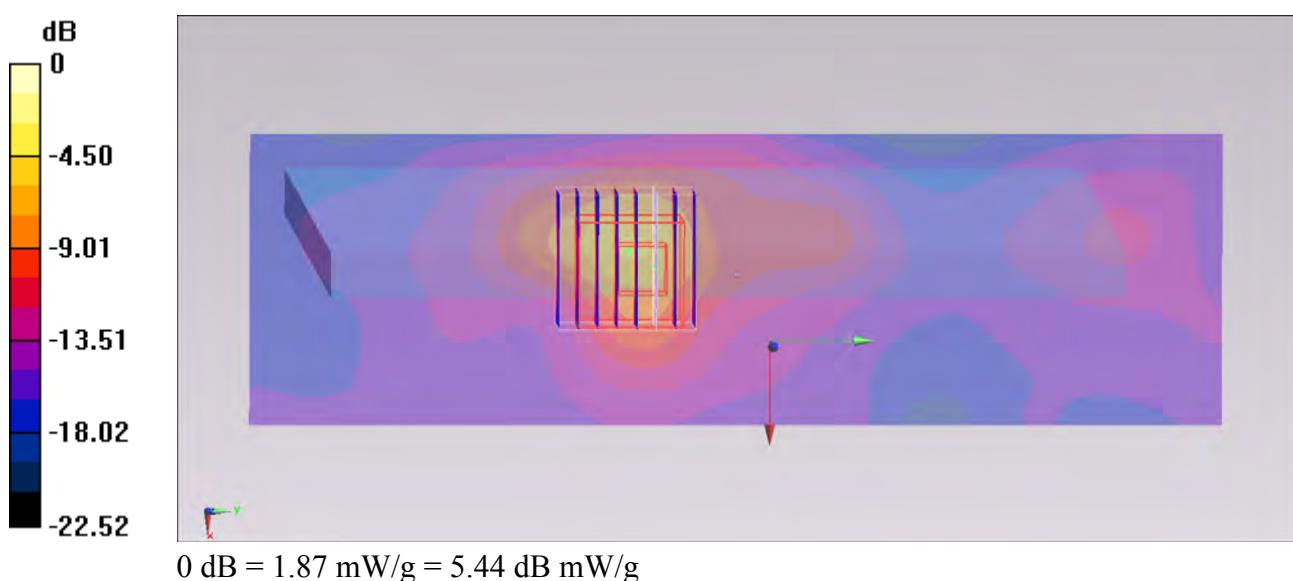
**Ch153/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.800 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.633 mW/g

**SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.302 mW/g**

Maximum value of SAR (measured) = 1.87 mW/g



**#261 WLAN5G\_802.11n(20M)\_Edge 4\_0cm\_Ch161\_Ant 1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120724 Medium parameters used:  $f = 5805 \text{ MHz}$ ;  $\sigma = 6.228 \text{ mho/m}$ ;  $\epsilon_r = 47.111$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch161/Area Scan (61x201x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.699 mW/g

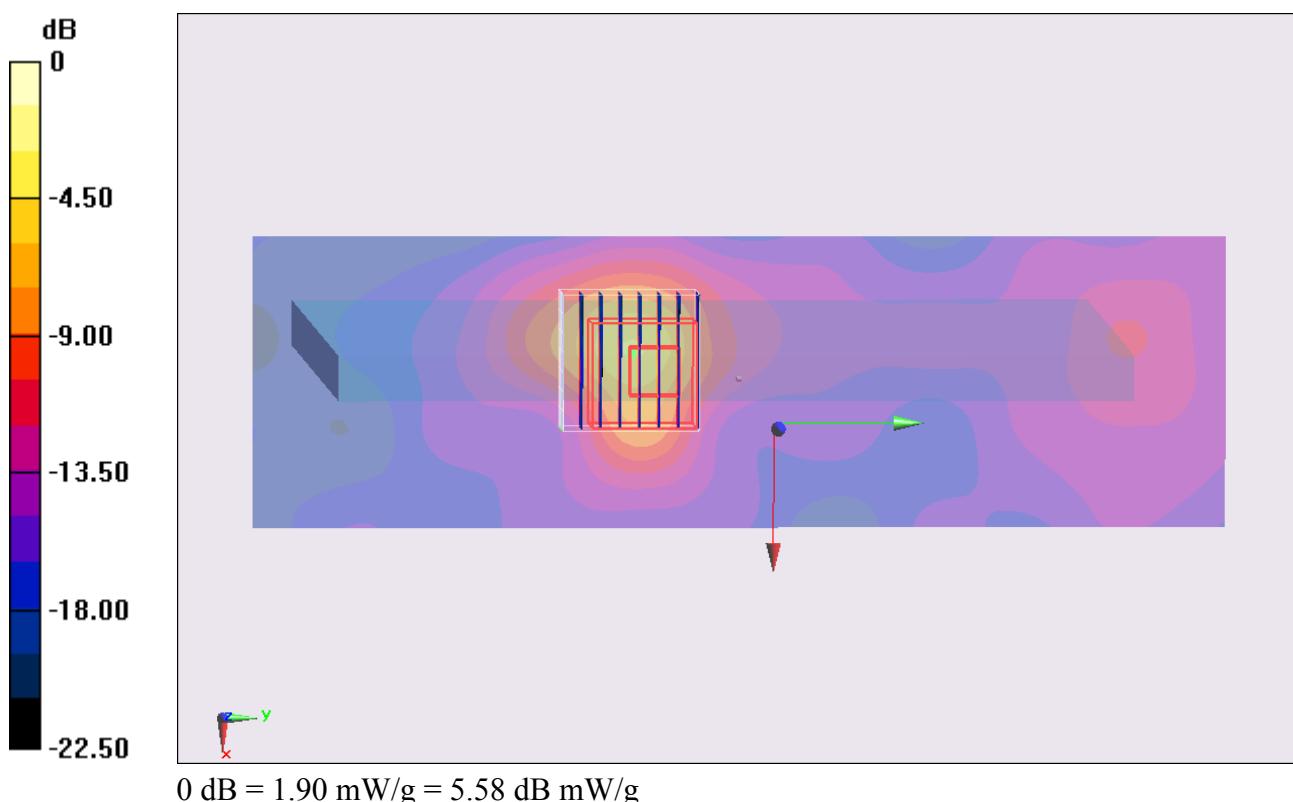
**Ch161/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.134 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.721 mW/g

**SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.242 mW/g**

Maximum value of SAR (measured) = 1.90 mW/g



**#282 WLAN5G\_802.11n(20M)\_Edge4 Bottom Face\_Tilted\_0cm\_Ch157\_Ant1+2****DUT: 240709**

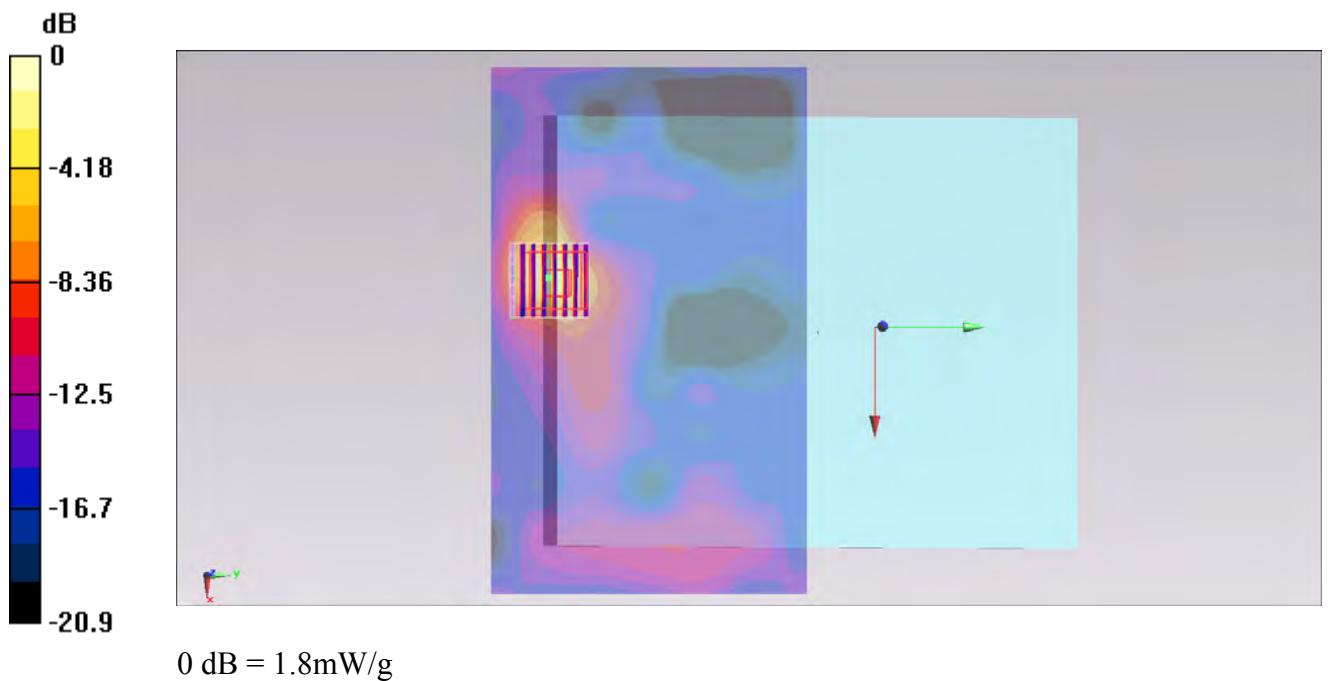
Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1  
Medium: MSL\_5G\_120913 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 6.11 \text{ mho/m}$ ;  $\epsilon_r = 47.8$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch157/Area Scan (201x121x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 1.4 mW/g

**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 2.95 V/m; Power Drift = 0.054 dB  
Peak SAR (extrapolated) = 3.61 W/kg  
**SAR(1 g) = 0.918 mW/g; SAR(10 g) = 0.290 mW/g**  
Maximum value of SAR (measured) = 1.8 mW/g



**#300 WLAN5G\_802.11n(20M)\_Edge4 Bottom Face\_Tilted\_0cm\_Ch153\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120915 Medium parameters used :  $f = 5765 \text{ MHz}$ ;  $\sigma = 5.941 \text{ mho/m}$ ;  $\epsilon_r = 47.305$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch153/Area Scan (201x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.57 mW/g

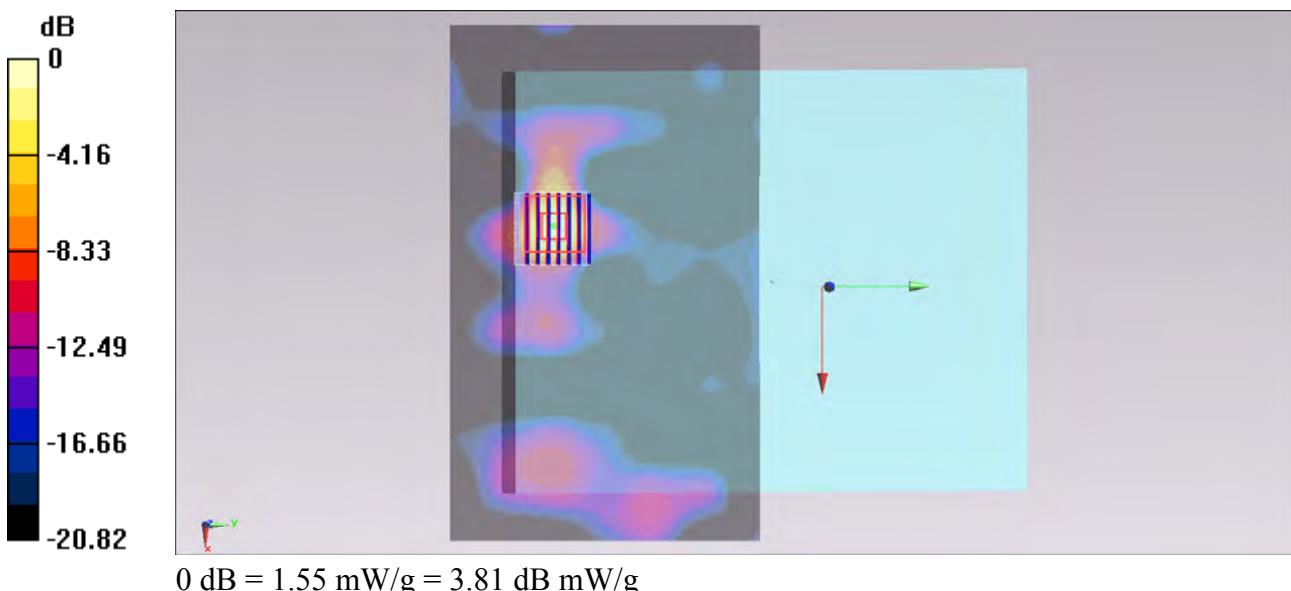
**Ch153/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.979 V/m; Power Drift = 0.050 dB

Peak SAR (extrapolated) = 2.772 mW/g

**SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.228 mW/g**

Maximum value of SAR (measured) = 1.55 mW/g



## #301 WLAN5G\_802.11n(20M)\_Edge4\_Bottom Face\_Tilted\_0cm\_Ch161\_Ant1+2

**DUT: 240709**

Communication System: 802.11n; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120915 Medium parameters used :  $f = 5805 \text{ MHz}$ ;  $\sigma = 5.984 \text{ mho/m}$ ;  $\epsilon_r = 47.138$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch161/Area Scan (201x121x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.808 mW/g

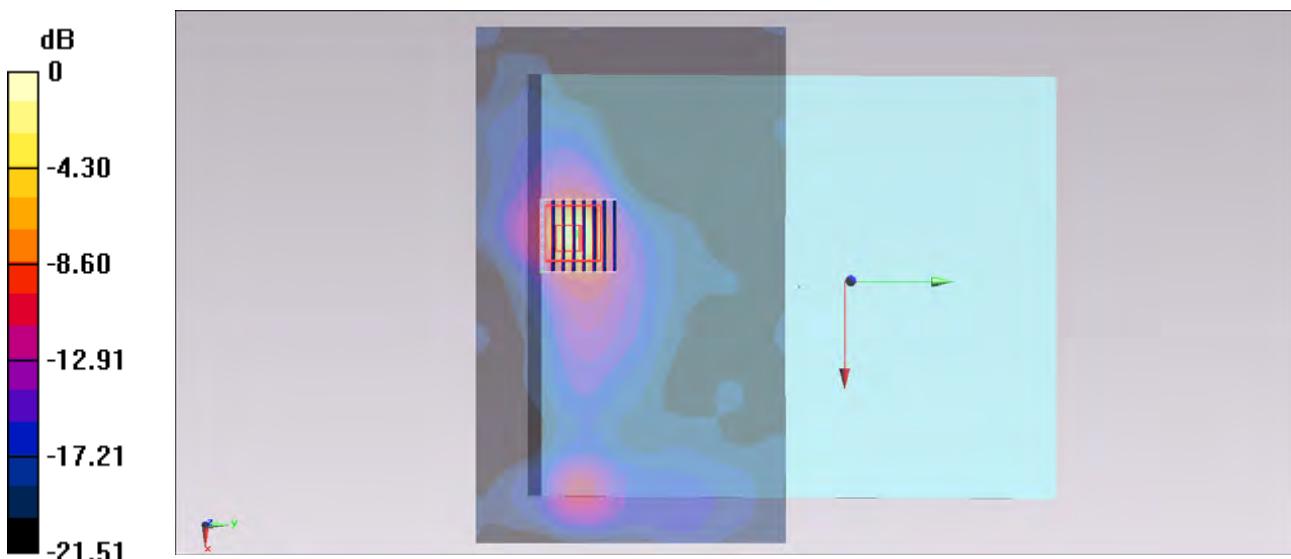
**Ch161/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.506 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.655 mW/g

**SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.215 mW/g**

Maximum value of SAR (measured) = 1.44 mW/g



**#297 WLAN5G\_802.11n(20M)\_Edge1 Bottom Face\_Tilted\_0cm\_Ch157\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120917 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 6.1 \text{ mho/m}$ ;  $\epsilon_r = 47.2$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch157/Area Scan (81x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.72 mW/g

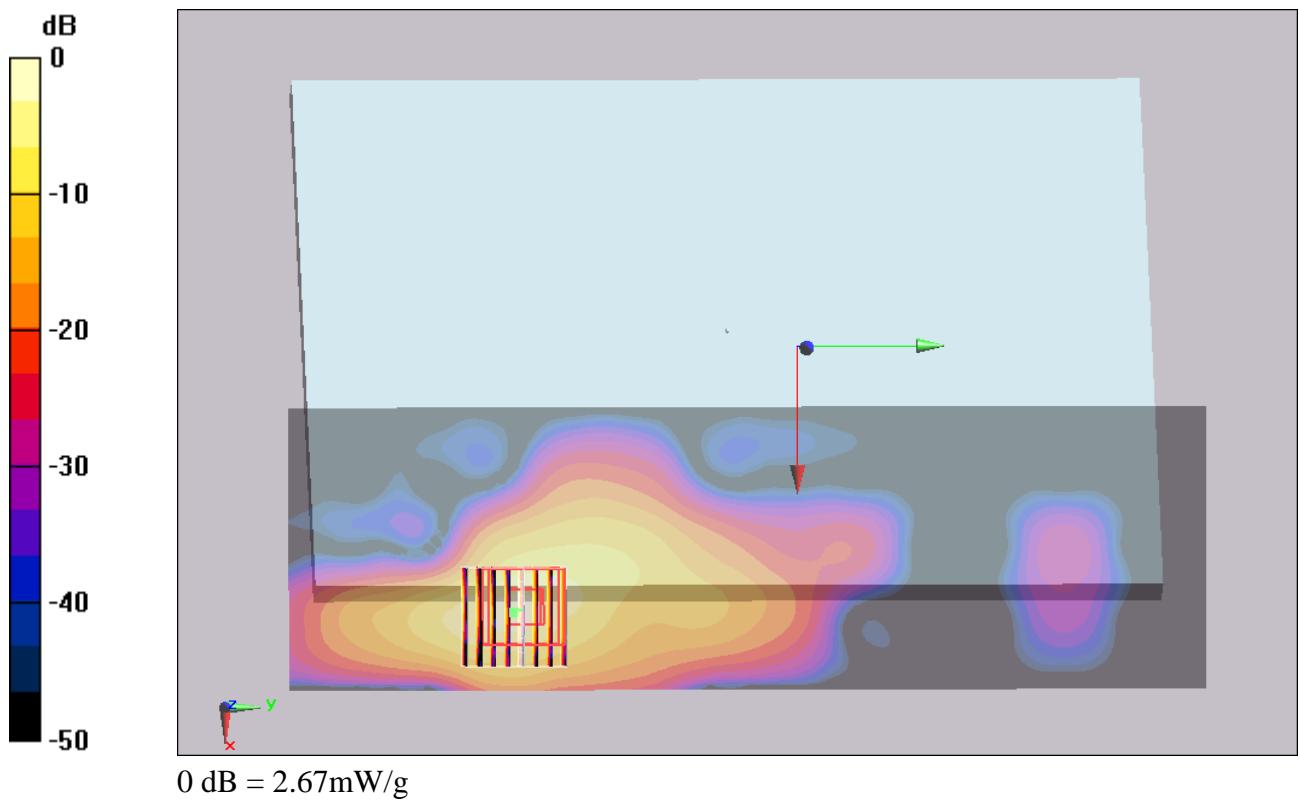
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.532 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 4.86 W/kg

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.361 mW/g**

Maximum value of SAR (measured) = 2.67 mW/g



**#297 WLAN5G\_802.11n(20M)\_Edge1 Bottom Face\_Tilted\_0cm\_Ch157\_Ant1+2\_2D****DUT: 240709**

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120917 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.1$  mho/m;  $\epsilon_r = 47.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch157/Area Scan (81x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.72 mW/g

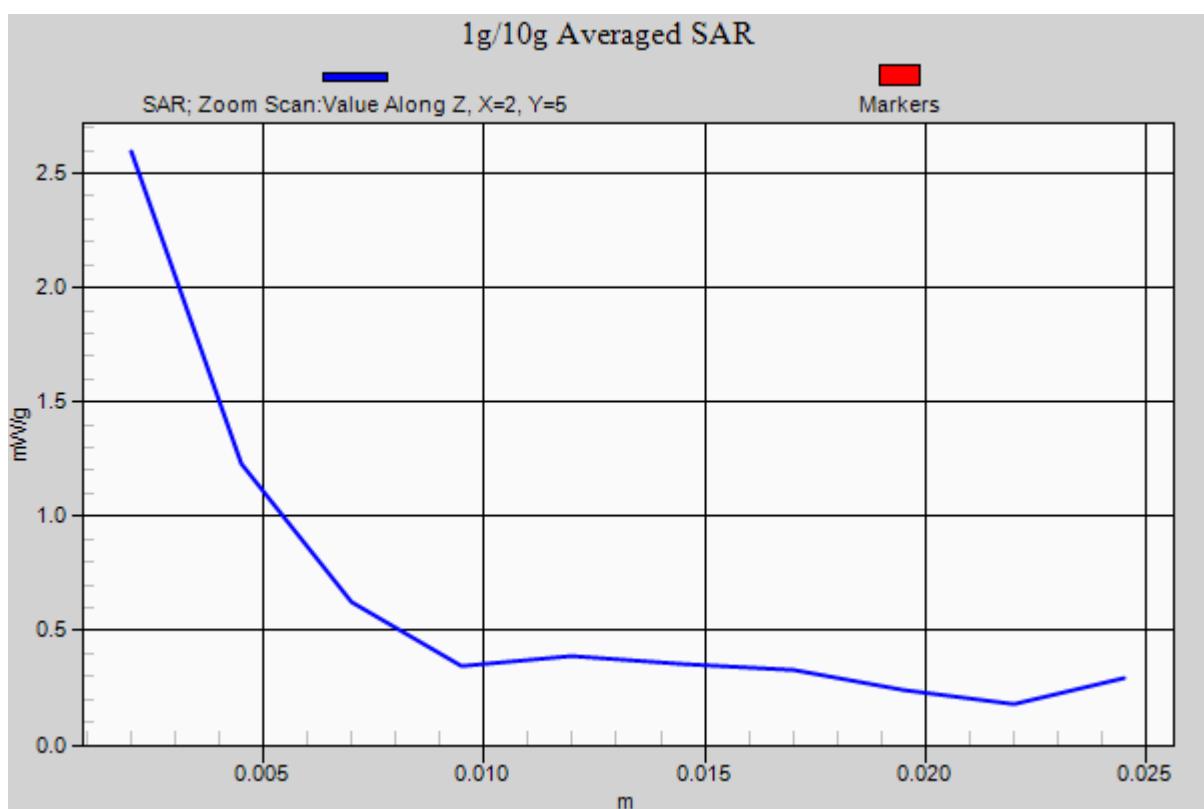
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.532 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 4.86 W/kg

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.361 mW/g**

Maximum value of SAR (measured) = 2.67 mW/g



**#298 WLAN5G\_802.11n(20M)\_Edge1 Bottom Face\_Tilted\_0cm\_Ch153\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120915 Medium parameters used :  $f = 5765 \text{ MHz}$ ;  $\sigma = 5.941 \text{ mho/m}$ ;  $\epsilon_r = 47.305$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch153/Area Scan (81x261x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.804 mW/g

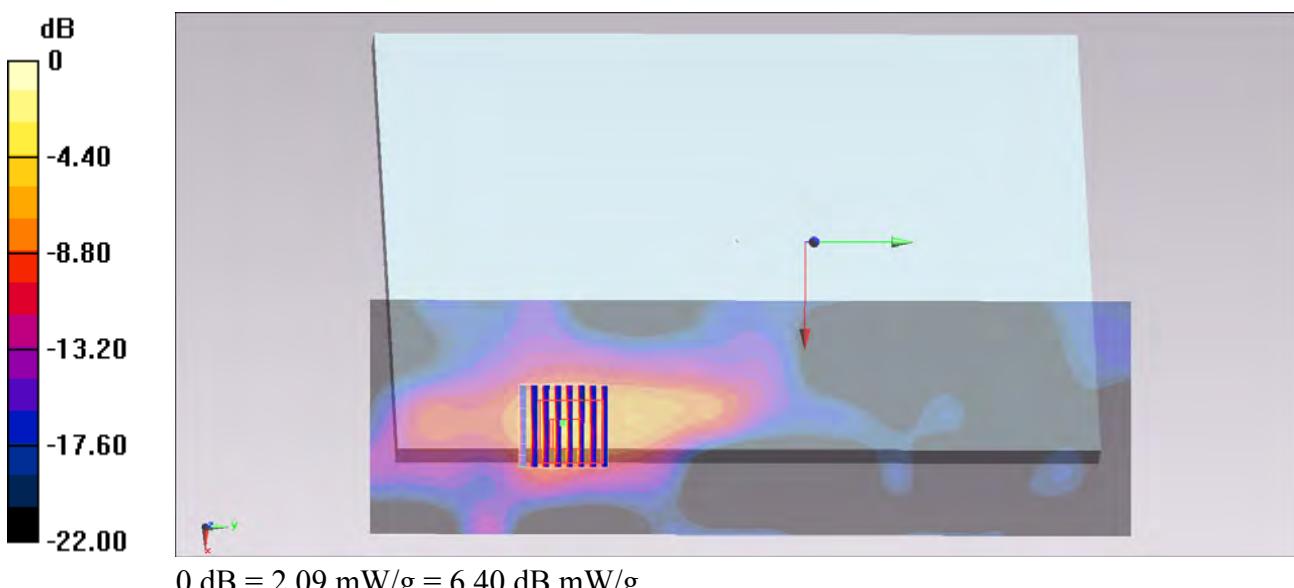
**Ch153/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.552 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 3.804 mW/g

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.327 mW/g**

Maximum value of SAR (measured) = 2.09 mW/g



**#299 WLAN5G\_802.11n(20M)\_Edge1 Bottom Face\_Tilted\_0cm\_Ch161\_Ant1+2****DUT: 240709**

Communication System: 802.11n; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120915 Medium parameters used :  $f = 5805 \text{ MHz}$ ;  $\sigma = 5.984 \text{ mho/m}$ ;  $\epsilon_r = 47.138$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Ch161/Area Scan (41x131x1):** Measurement grid: dx=10mm, dy=10mm.

Maximum value of SAR (interpolated) = 1.23 mW/g

**Ch161/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.273 V/m; Power Drift = 0.062 dB

Peak SAR (extrapolated) = 4.548 mW/g

**SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.366 mW/g**

Maximum value of SAR (measured) = 2.53 mW/g

