

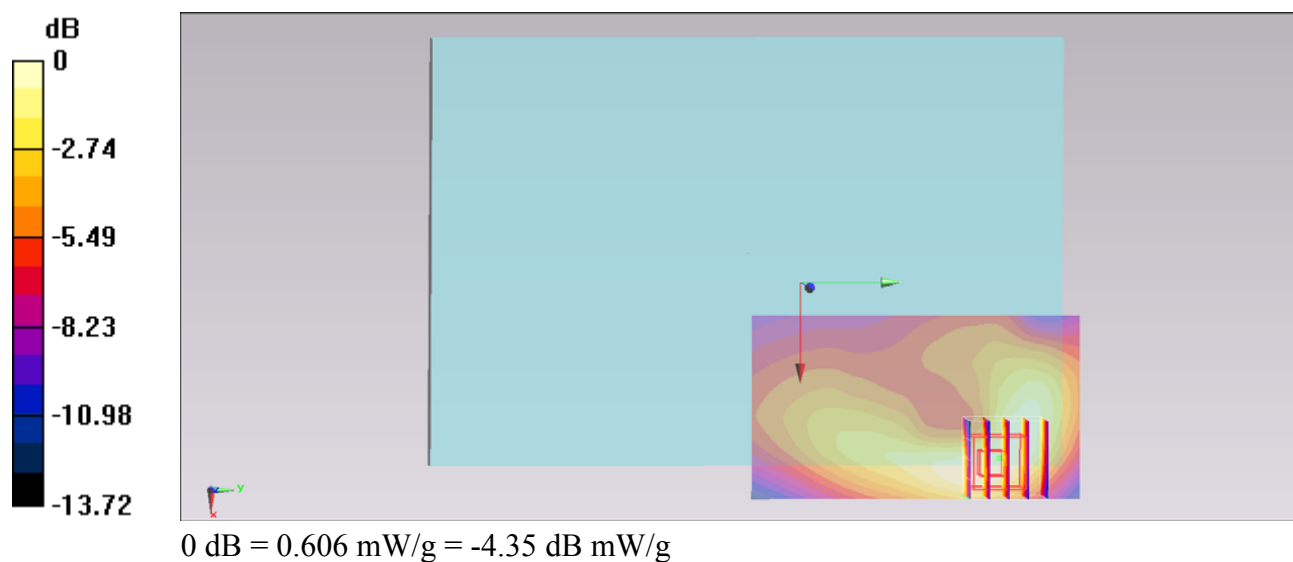
#71_GSM850_GPRS (4 Tx slots)_Bottom Face_1cm_Ch251**DUT: 332221-02**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_850_130414 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.357$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 0.620 mW/g **Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 25.763 V/m ; Power Drift = -0.04 dB Peak SAR (extrapolated) = 0.772 mW/g **SAR(1 g) = 0.517 mW/g ; SAR(10 g) = 0.331 mW/g** Maximum value of SAR (measured) = 0.606 mW/g 

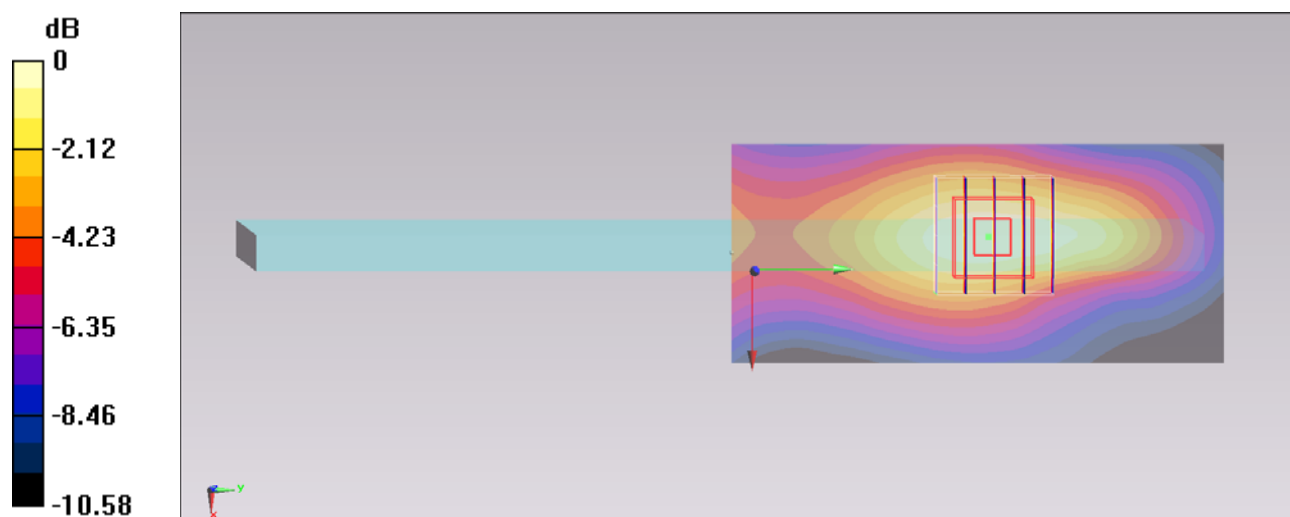
#72_GSM850_GPRS (4 Tx slots)_Edge 1_1.2cm_Ch251**DUT: 332221-02**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_850_130414 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.357$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (41x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 0.284 mW/g **Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 17.663 V/m ; Power Drift = -0.07 dB Peak SAR (extrapolated) = 0.348 mW/g **SAR(1 g) = 0.245 mW/g ; SAR(10 g) = 0.163 mW/g** Maximum value of SAR (measured) = 0.283 mW/g  $0 \text{ dB} = 0.283 \text{ mW/g} = -10.96 \text{ dB mW/g}$

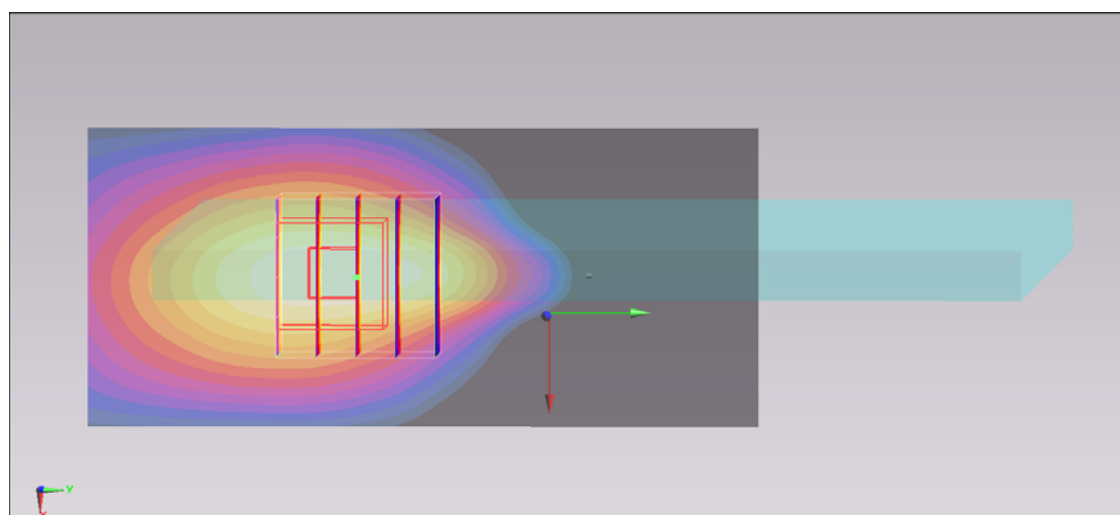
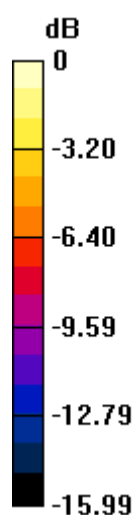
#73_GSM850_GPRS (4 Tx slots)_Edge 2_0cm_Ch251**DUT: 332221-02**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_850_130414 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.357$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (41x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 0.630 mW/g **Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 25.818 V/m ; Power Drift = -0.14 dB Peak SAR (extrapolated) = 0.882 mW/g **SAR(1 g) = 0.474 mW/g ; SAR(10 g) = 0.269 mW/g** Maximum value of SAR (measured) = 0.605 mW/g  $0 \text{ dB} = 0.605 \text{ mW/g} = -4.36 \text{ dB mW/g}$

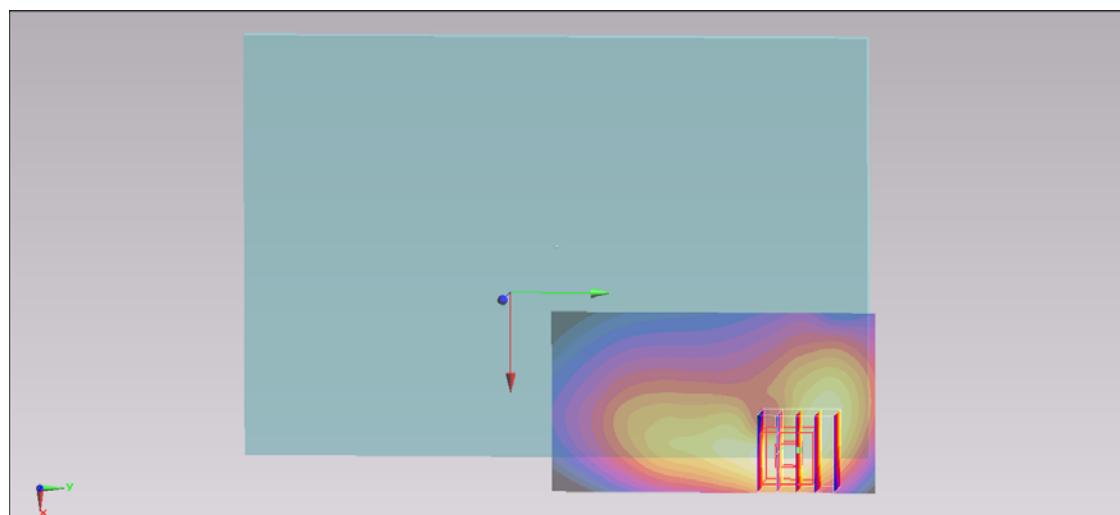
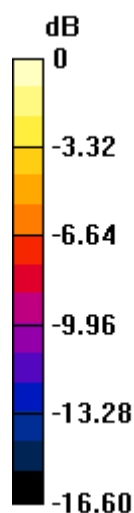
#67_GSM850_GPRS (4 Tx slots)_Bottom Face_0cm_Ch251**DUT: 332221-02**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_850_130414 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.357$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 0.933 mW/g **Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 32.004 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 1.296 mW/g **SAR(1 g) = 0.744 mW/g ; SAR(10 g) = 0.408 mW/g** Maximum value of SAR (measured) = 0.906 mW/g  $0 \text{ dB} = 0.906 \text{ mW/g} = -0.86 \text{ dB mW/g}$

#68_GSM850_GPRS (4 Tx slots)_Bottom Face_0cm_Ch128**DUT: 332221-02**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_850_130414 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r = 54.616$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.807 mW/g

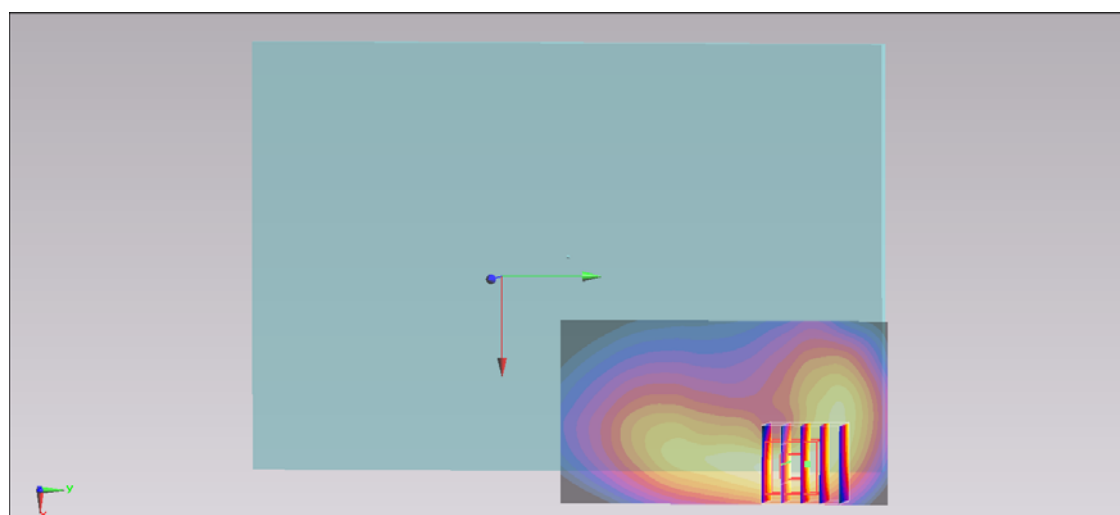
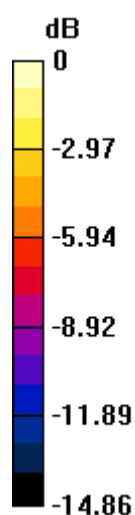
Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.069 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.098 mW/g

SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.369 mW/g

Maximum value of SAR (measured) = 0.828 mW/g



0 dB = 0.828 mW/g = -1.64 dB mW/g

#69_GSM850_GPRS (4 Tx slots)_Bottom Face_0cm_Ch189**DUT: 332221-02**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_850_130414 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 54.481$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch189/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

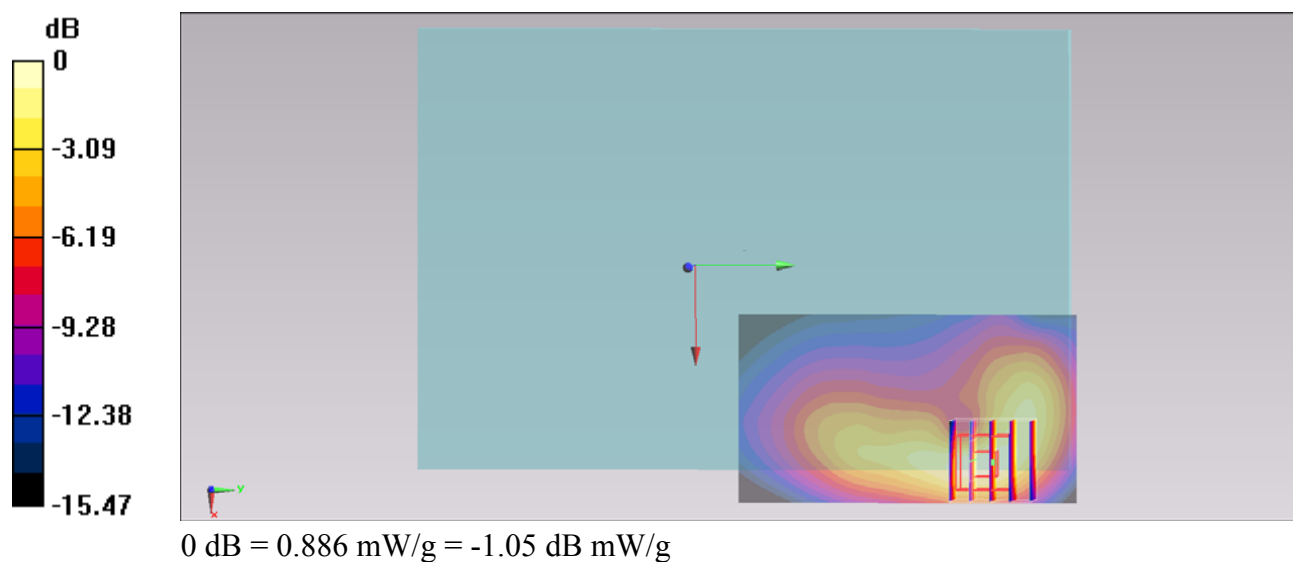
Configuration/Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.186 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.209 mW/g

SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.392 mW/g

Maximum value of SAR (measured) = 0.886 mW/g



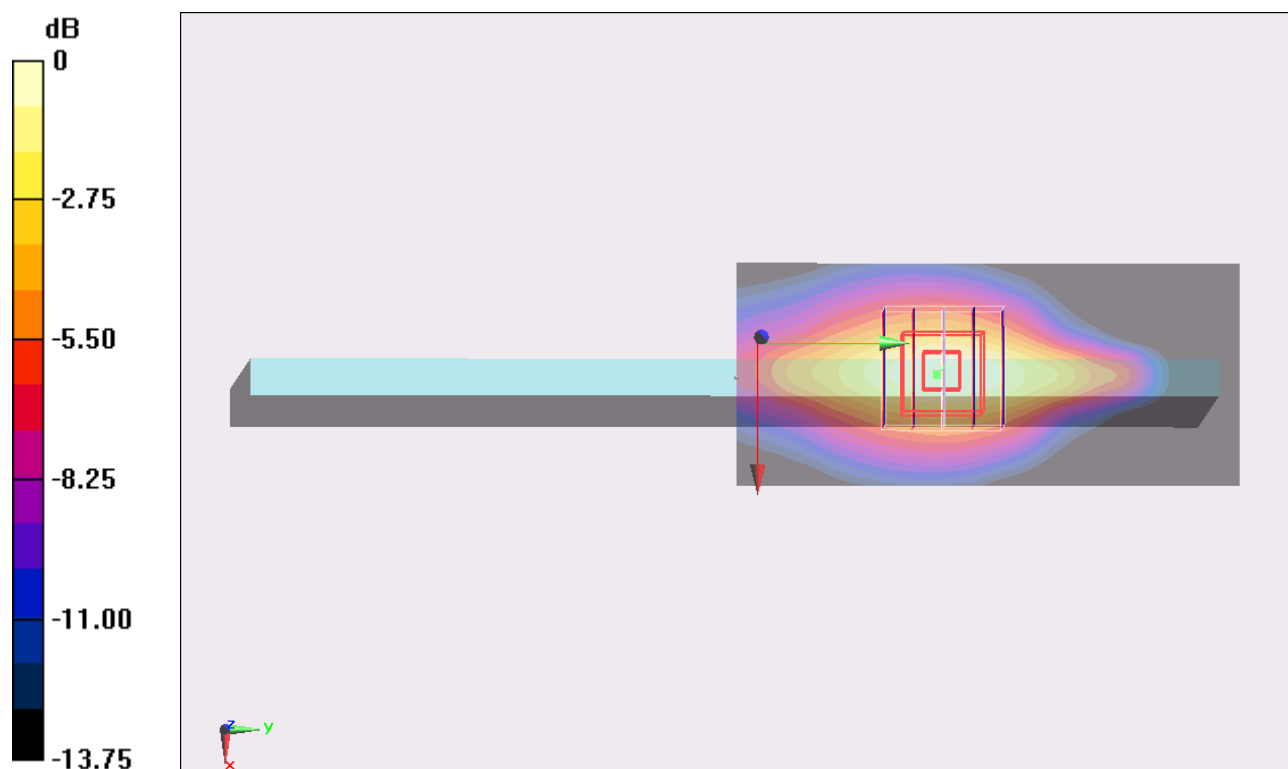
#70_GSM850_GPRS (4 Tx slots)_Edge 1_0cm_Ch251**DUT: 332221-02**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_850_130416 Medium parameters used: $f = 849$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 53.137$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.7°C ; Liquid Temperature : 21.7°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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch251/Area Scan (41x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 0.563 mW/g **Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 24.748 V/m ; Power Drift = 0.01 dB Peak SAR (extrapolated) = 0.932 mW/g **SAR(1 g) = 0.485 mW/g ; SAR(10 g) = 0.262 mW/g** Maximum value of SAR (measured) = 0.567 mW/g 

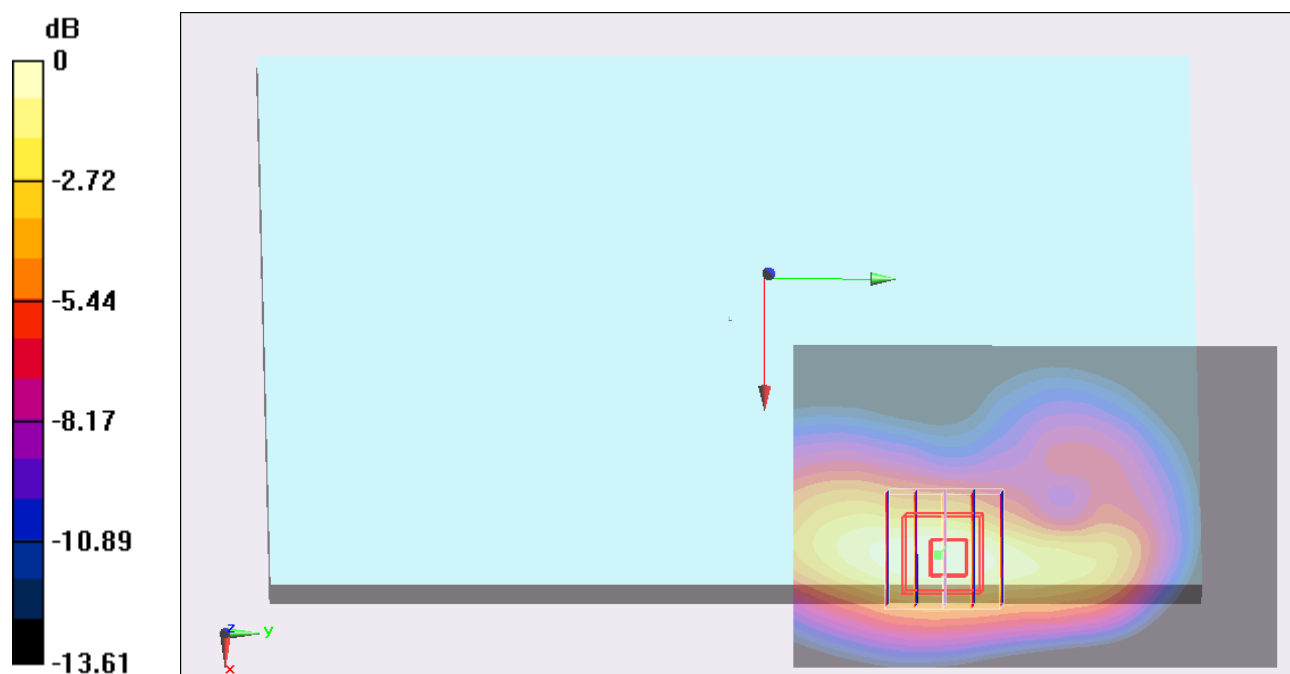
#74_GSM850_GPRS (4 Tx slots)_Curved surface of Edge1_0cm_Ch251**DUT: 332221-02**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_850_130416 Medium parameters used: $f = 849$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 53.137$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.7°C ; Liquid Temperature : 21.7°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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch251/Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 0.608 mW/g **Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 25.516 V/m ; Power Drift = -0.06 dB Peak SAR (extrapolated) = 0.971 mW/g **SAR(1 g) = 0.533 mW/g ; SAR(10 g) = 0.299 mW/g** Maximum value of SAR (measured) = 0.590 mW/g  $0 \text{ dB} = 0.590 \text{ mW/g} = -4.58 \text{ dB mW/g}$

#77_GSM1900_GPRS (4 Tx slots)_Bottom Face_1cm_Ch512**DUT: 332221-02**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130416 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r = 52.163$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch512/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.394 mW/g

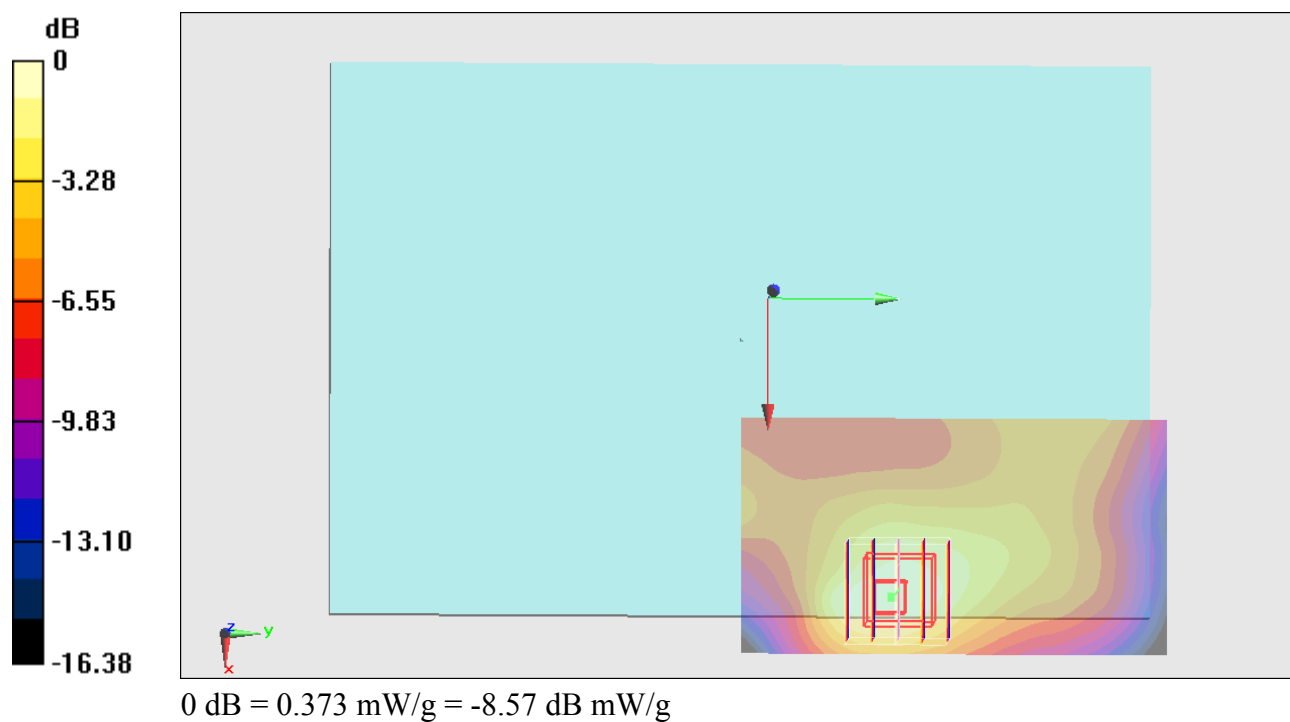
Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.236 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.509 mW/g

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.212 mW/g

Maximum value of SAR (measured) = 0.373 mW/g



#78_GSM1900_GPRS (4 Tx slots)_Edge 1_1.2cm_Ch512**DUT: 332221-02**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130416 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r = 52.163$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch512/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.255 mW/g

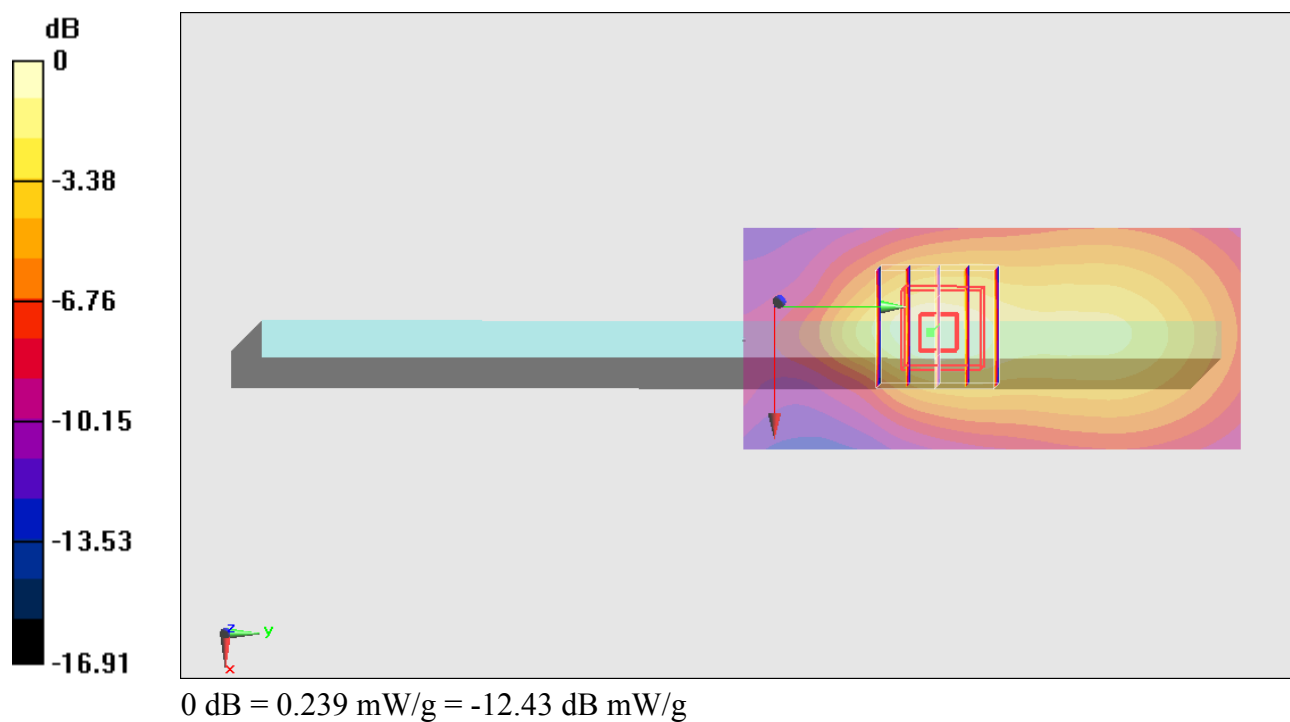
Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.723 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.326 mW/g

SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.125 mW/g

Maximum value of SAR (measured) = 0.239 mW/g



#79_GSM1900_GPRS (4 Tx slots)_Edge 2_0cm_Ch512**DUT: 332221-02**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130416 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r = 52.163$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch512/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.228 mW/g**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.739 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.313 mW/g

SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.211 mW/g

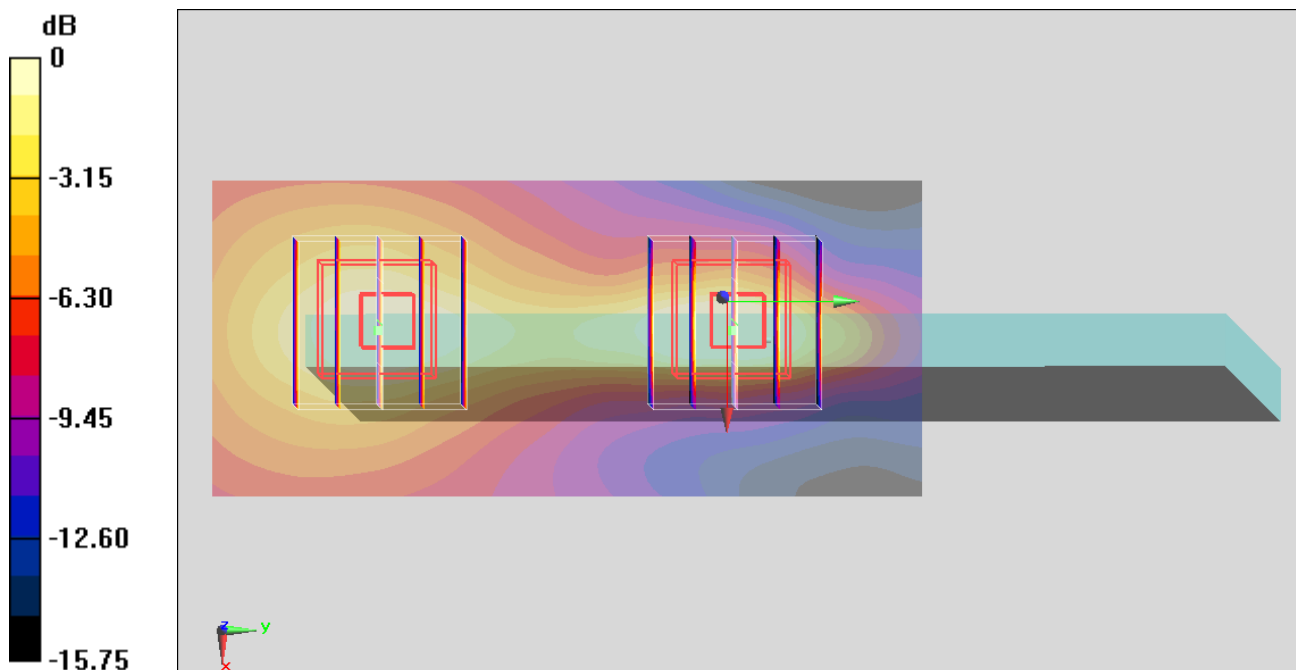
Configuration/Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.739 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.249 mW/g

SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.164 mW/g



#80_GSM1900_GPRS (4 Tx slots)_Bottom Face_0cm_Ch512**DUT: 332221-02**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130416 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r = 52.163$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch512/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.690 mW/g

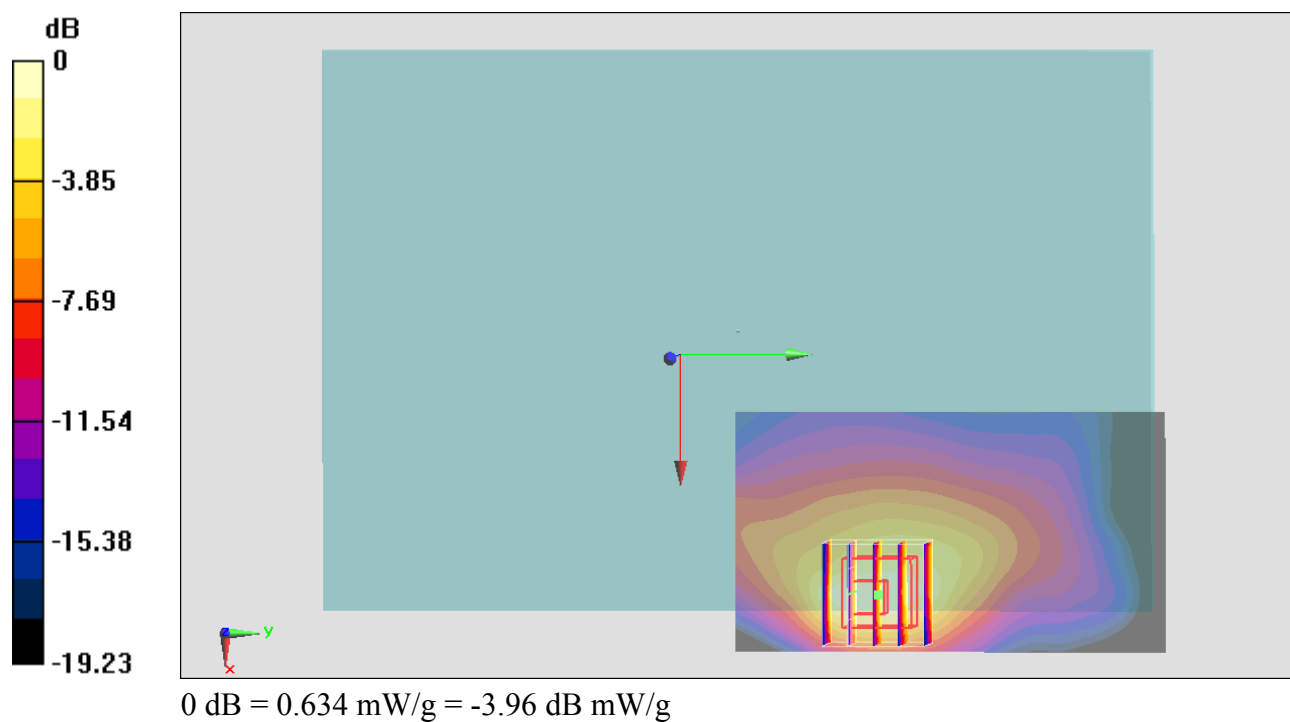
Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.572 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.992 mW/g

SAR(1 g) = 0.52 mW/g; SAR(10 g) = 0.315 mW/g

Maximum value of SAR (measured) = 0.634 mW/g



#83_GSM1900_GPRS (4 Tx slots)_Edge 1_0cm_Ch512**DUT: 332221-02**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130416 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r = 52.163$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch512/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.800 mW/g

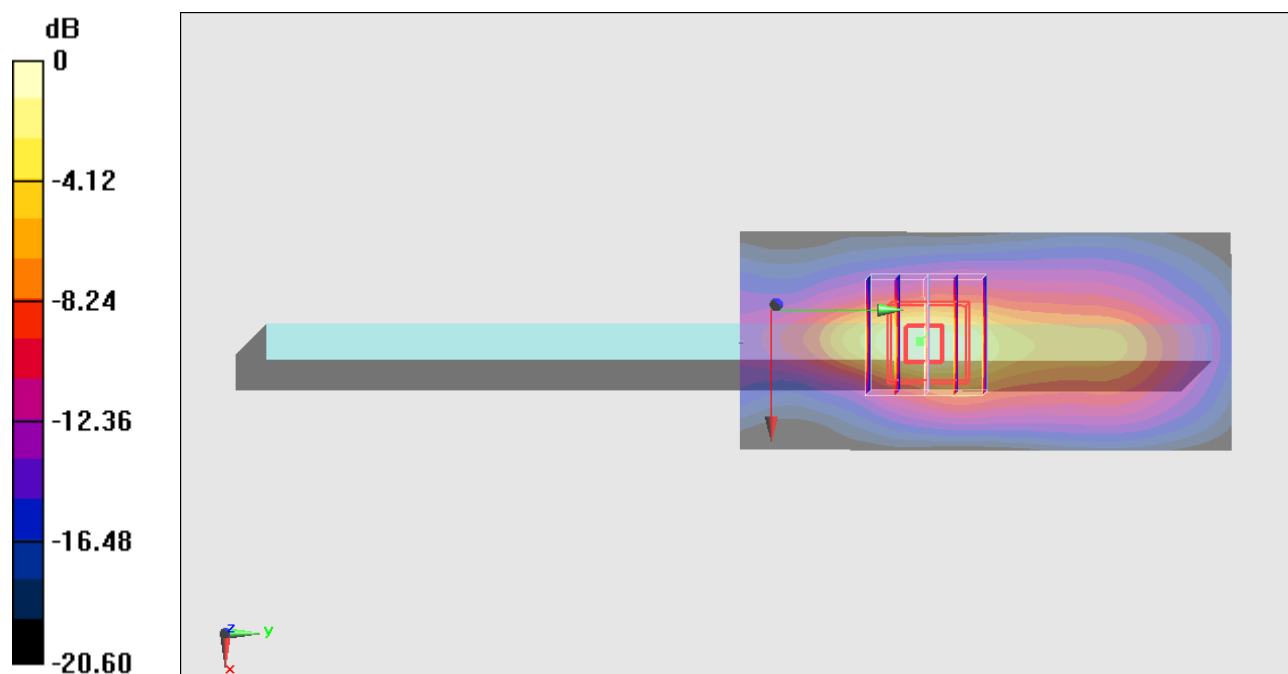
Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.941 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.161 mW/g

SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.285 mW/g

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



#84_GSM1900_GPRS (4 Tx slots)_Edge 1_0cm_Ch661**DUT: 332221-02**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130416 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r = 52.037$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch661/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.882 mW/g

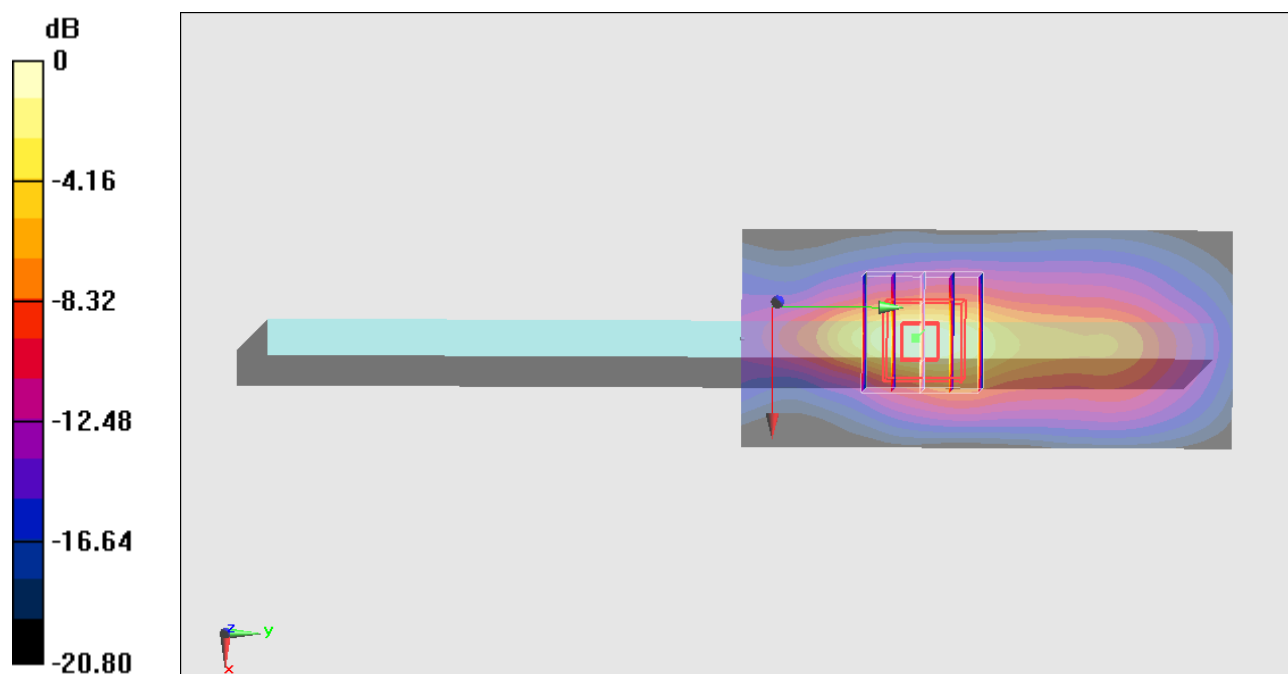
Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.767 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.227 mW/g

SAR(1 g) = 0.679 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.808 mW/g



#85_GSM1900_GPRS (4 Tx slots)_Edge 1_0cm_Ch810**DUT: 332221-02**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130416 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.555$ mho/m; $\epsilon_r = 51.902$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch810/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.989 mW/g

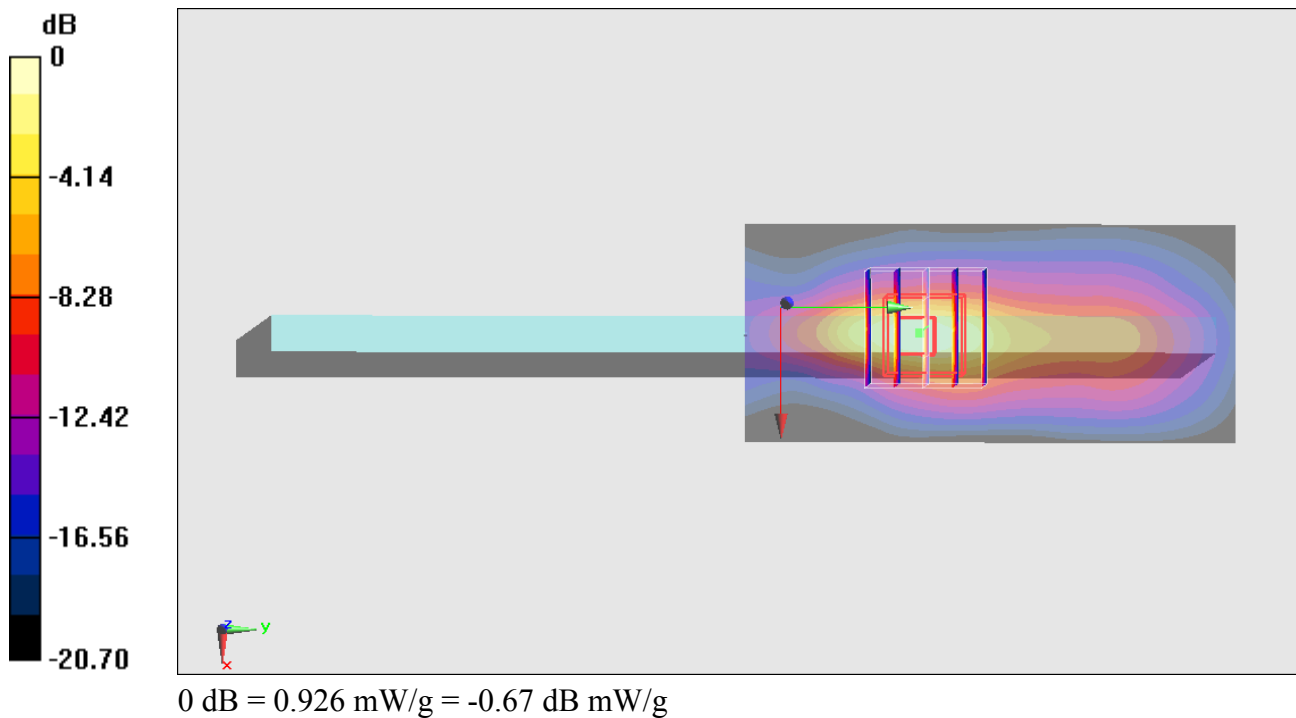
Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.072 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.487 mW/g

SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 0.926 mW/g



#86_GSM1900_GPRS (4 Tx slots)_Curved surface of Edge1_0cm_Ch512**DUT: 332221-02**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130416 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.502$ mho/m; $\epsilon_r = 52.163$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

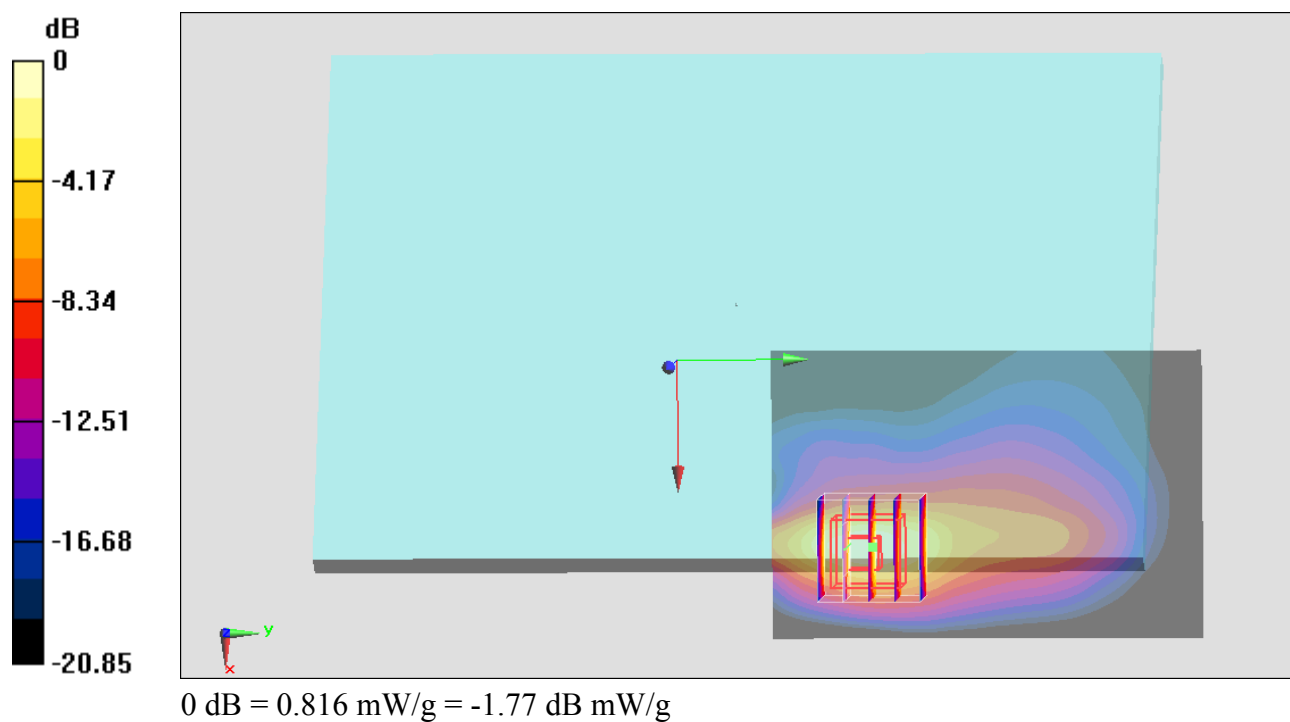
Configuration/Ch512/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.829 mW/g**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.073 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.300 mW/g

SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.338 mW/g

Maximum value of SAR (measured) = 0.816 mW/g



#88_GSM1900_GPRS (4 Tx slots)_Curved surface of Edge1_0cm_Ch661**DUT: 332221-02**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130416 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r = 52.037$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

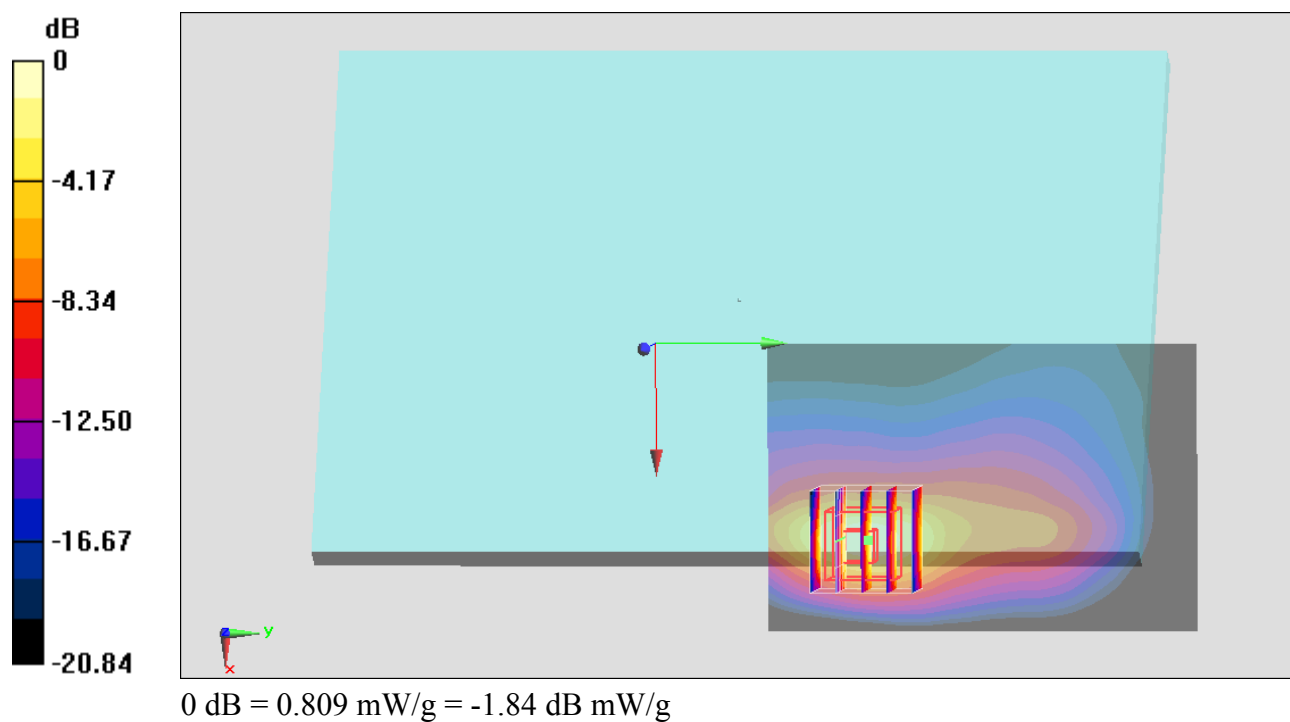
Configuration/Ch661/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.800 mW/g**Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.270 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.371 mW/g

SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.337 mW/g

Maximum value of SAR (measured) = 0.809 mW/g



#89_GSM1900_GPRS (4 Tx slots)_Curved surface of Edge1_0cm_Ch810**DUT: 332221-02**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130416 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.555$ mho/m; $\epsilon_r = 51.902$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

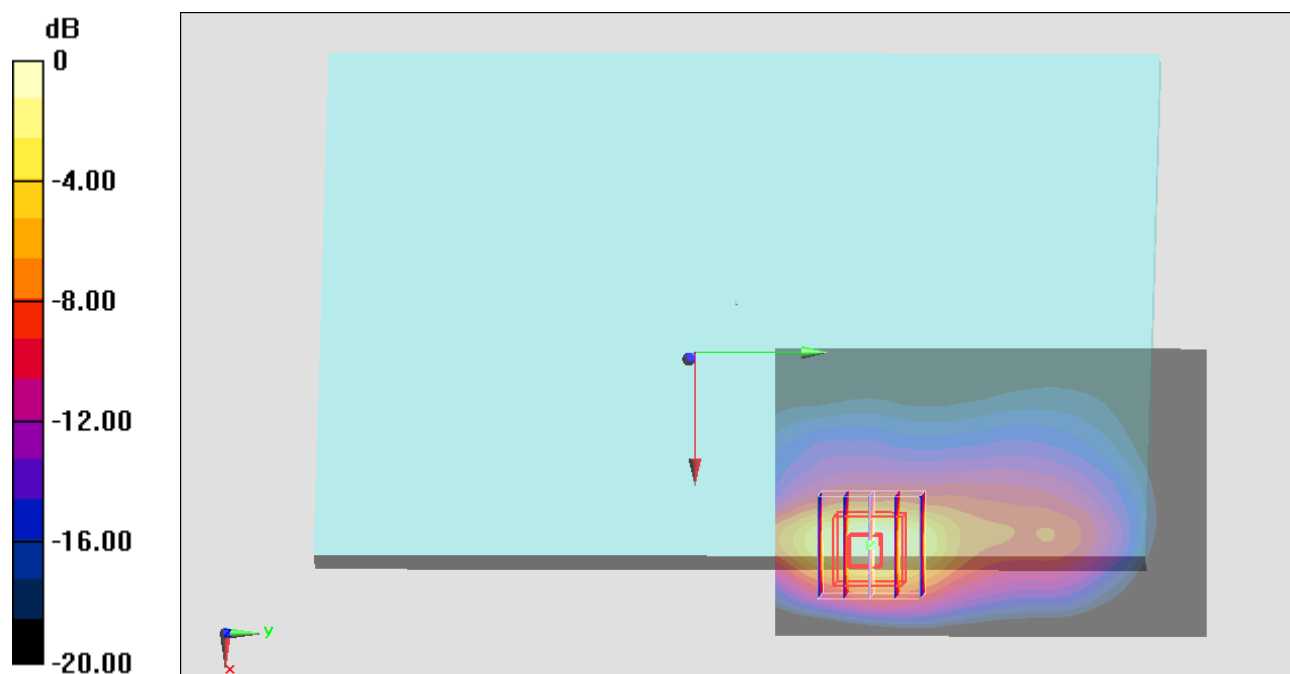
Configuration/Ch810/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.867 mW/g**Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.900 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.481 mW/g

SAR(1 g) = 0.799 mW/g; SAR(10 g) = 0.366 mW/g

Maximum value of SAR (measured) = 0.873 mW/g



#48_WCDMA V_RMC 12.2Kbps_Bottom Face_1cm_Ch4132**DUT: 332221-02**

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

Medium: MSL_850_130411 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 52.766$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4132/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.654 mW/g

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

Reference Value = 26.769 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.850 mW/g

SAR(1 g) = 0.593 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 0.637 mW/g

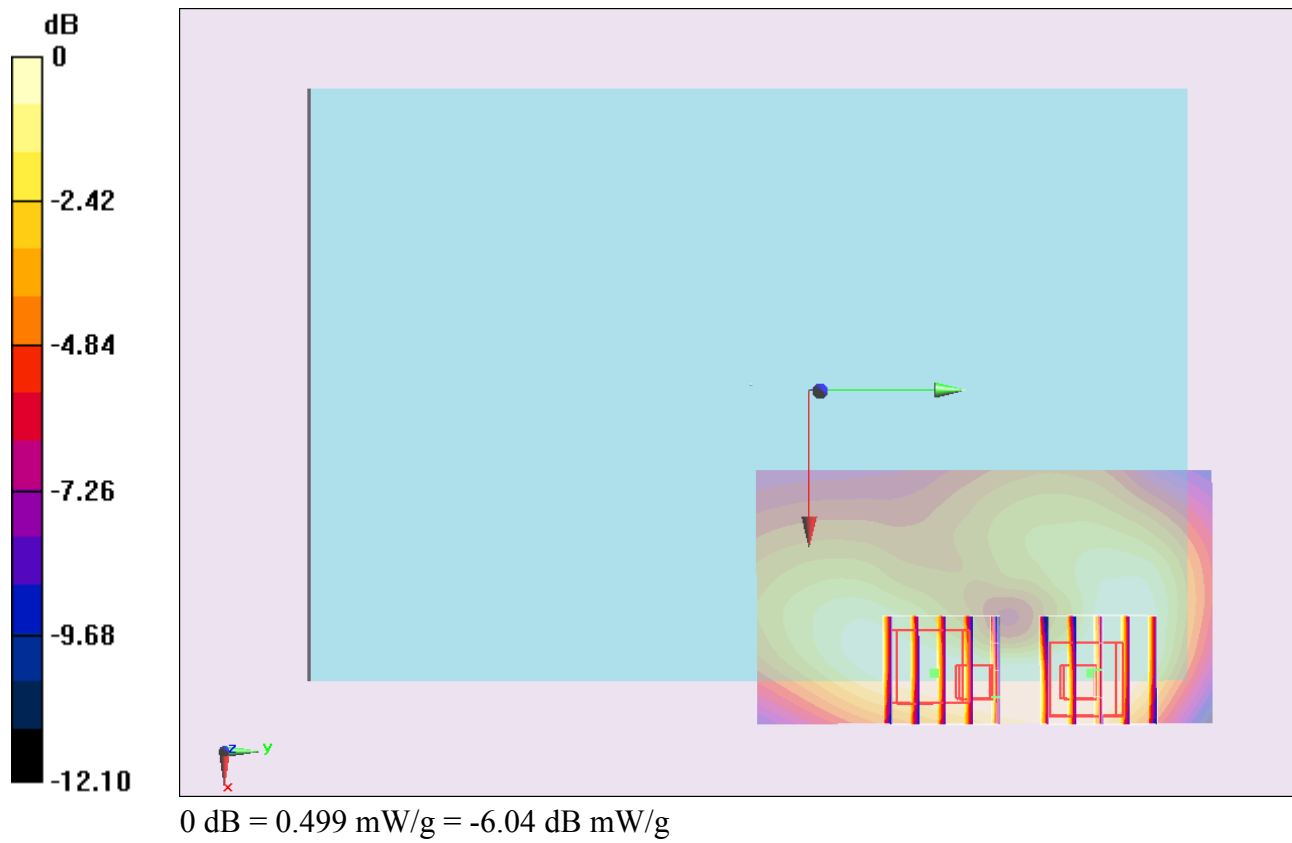
Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.769 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.669 mW/g

SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.309 mW/g

Maximum value of SAR (measured) = 0.499 mW/g



#49_WCDMA V_RMC 12.2Kbps_Edge 1_1.2cm_Ch4132**DUT: 332221-02**

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

Medium: MSL_850_130411 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 52.766$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

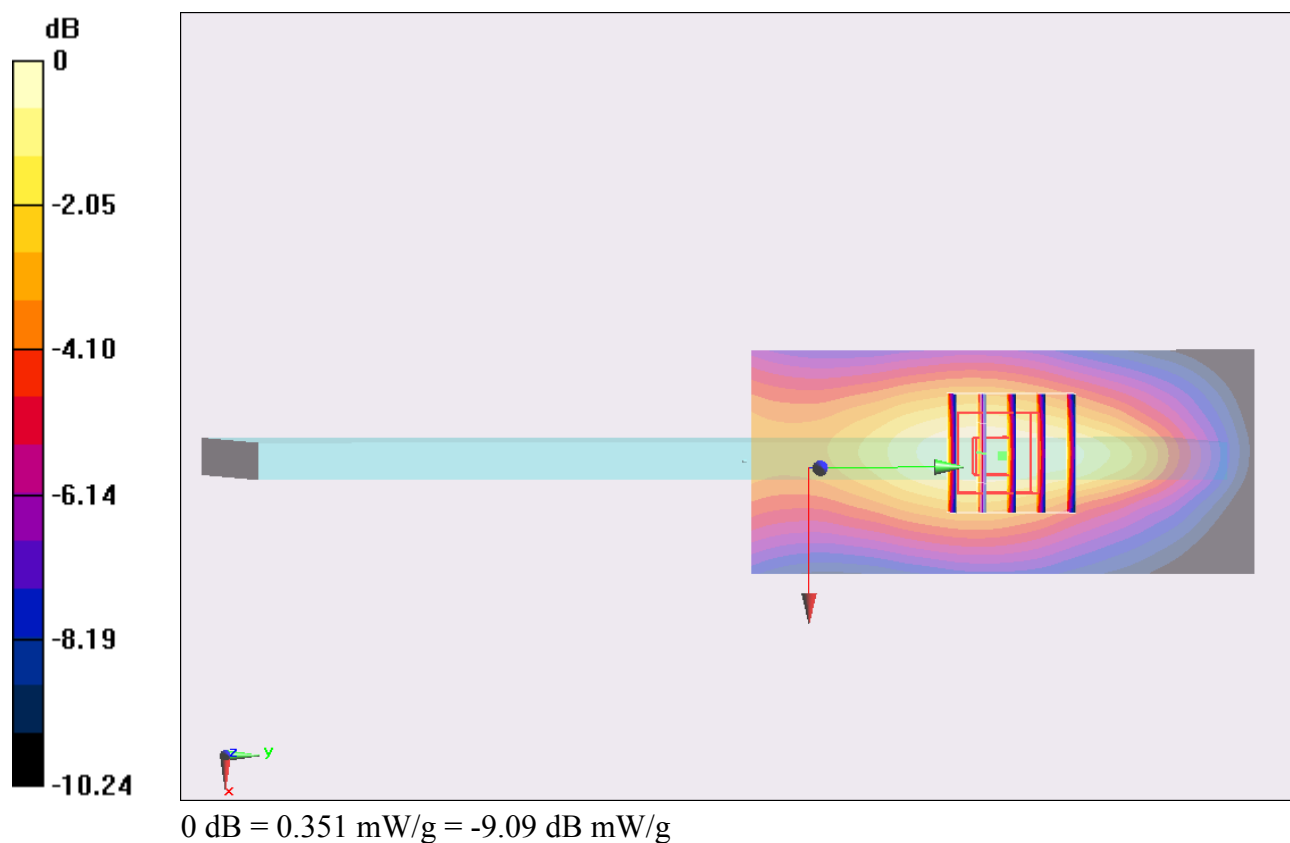
Configuration/Ch4132/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.358 mW/g**Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.826 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.452 mW/g

SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.351 mW/g



#50_WCDMA V_RMC 12.2Kbps_Edge 2_0cm_Ch4132**DUT: 332221-02**

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

Medium: MSL_850_130411 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 52.766$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4132/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.546 mW/g

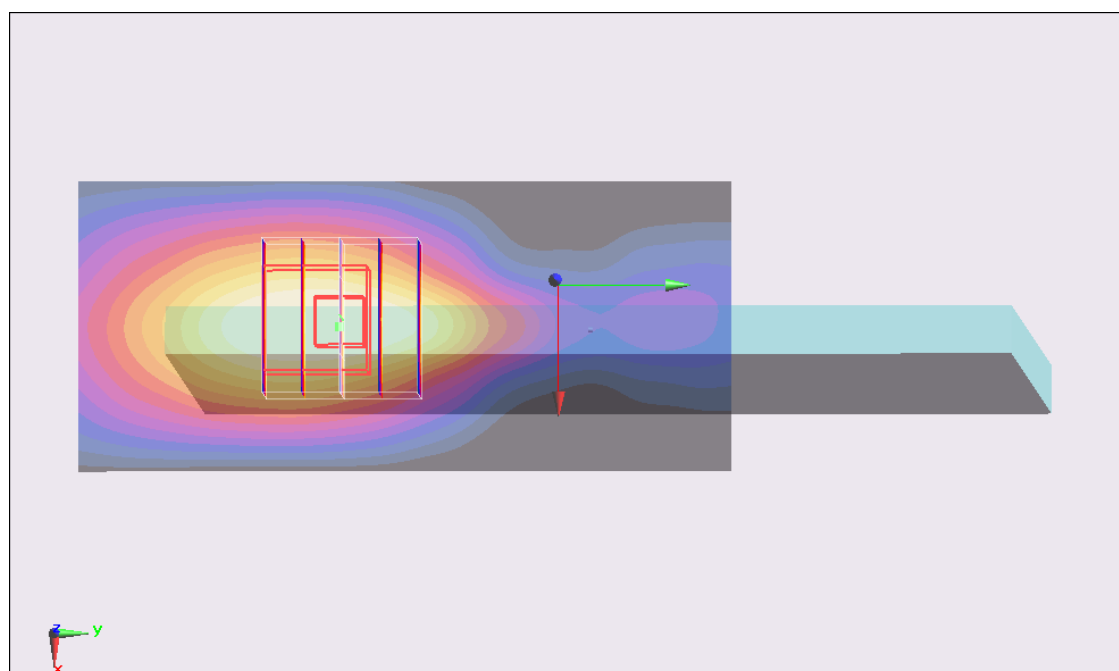
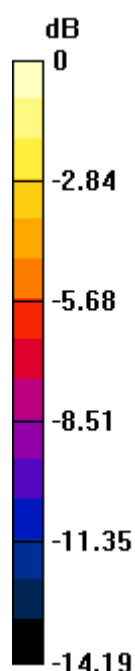
Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.545 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.746 mW/g

SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.243 mW/g

Maximum value of SAR (measured) = 0.465 mW/g



0 dB = 0.465 mW/g = -6.65 dB mW/g

#140_WCDMA V_RMC 12.2Kbps_Bottom Face_0cm_Ch4132**DUT: 332221-02**

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

Medium: MSL_850_130419 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 55.984$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.99, 8.99, 8.99); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4132/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.21 mW/g

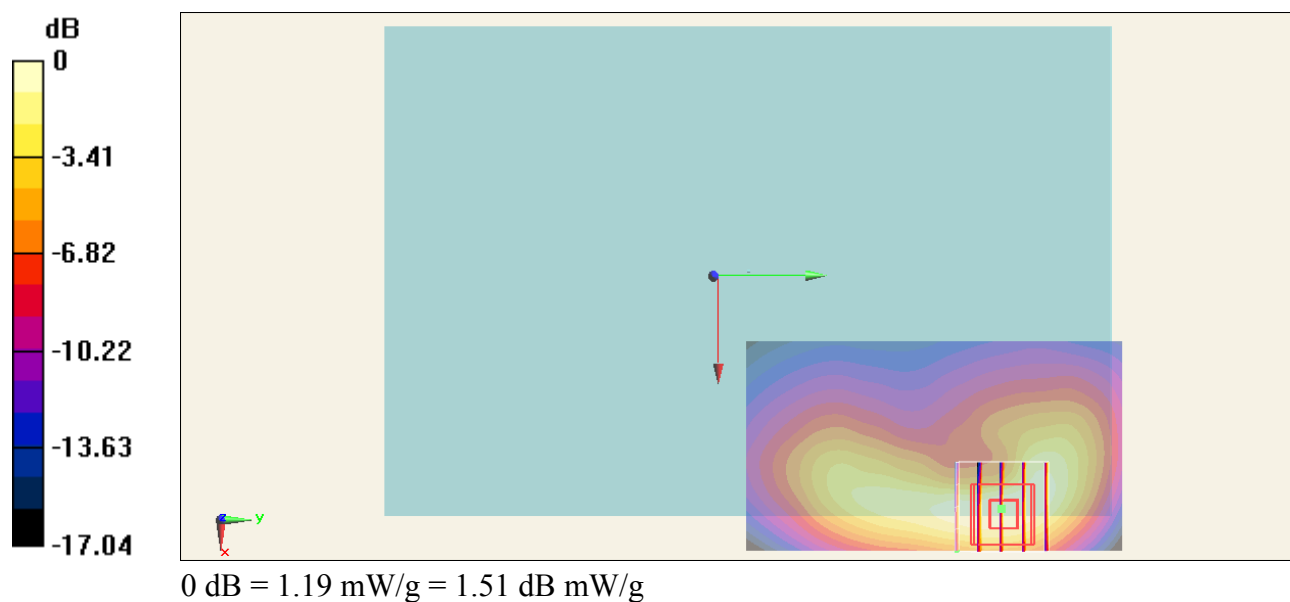
Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.682 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.509 mW/g

SAR(1 g) = 0.846 mW/g; SAR(10 g) = 0.472 mW/g

Maximum value of SAR (measured) = 1.19 mW/g



#152_WCDMA V_RMC 12.2Kbps_Bottom Face_0cm_Ch4132;Repeat**DUT: 332221-02**

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

Medium: MSL_850_130419 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 55.984$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.99, 8.99, 8.99); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4132/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.20 mW/g

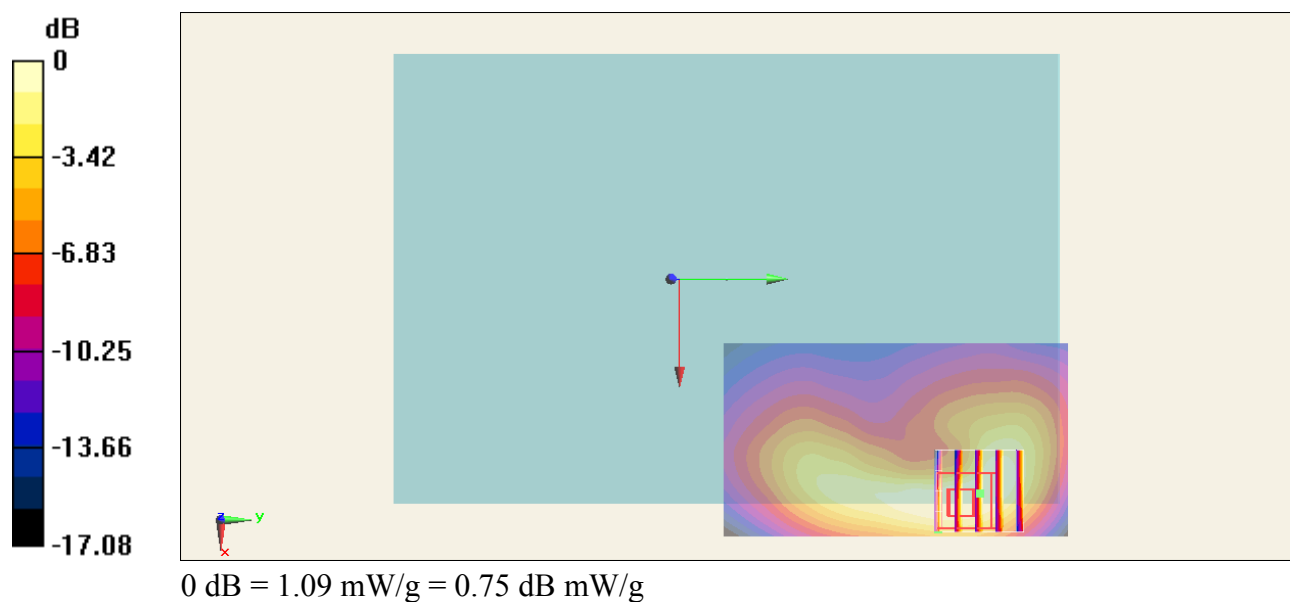
Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.062 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.446 mW/g

SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.478 mW/g

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



#148_WCDMA V_RMC 12.2Kbps_Bottom Face_0cm_Ch4182**DUT: 332221-02**

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

Medium: MSL_850_130419 Medium parameters used : $f = 836.4$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.925$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.1°C ; Liquid Temperature : 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.99, 8.99, 8.99); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4182/Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

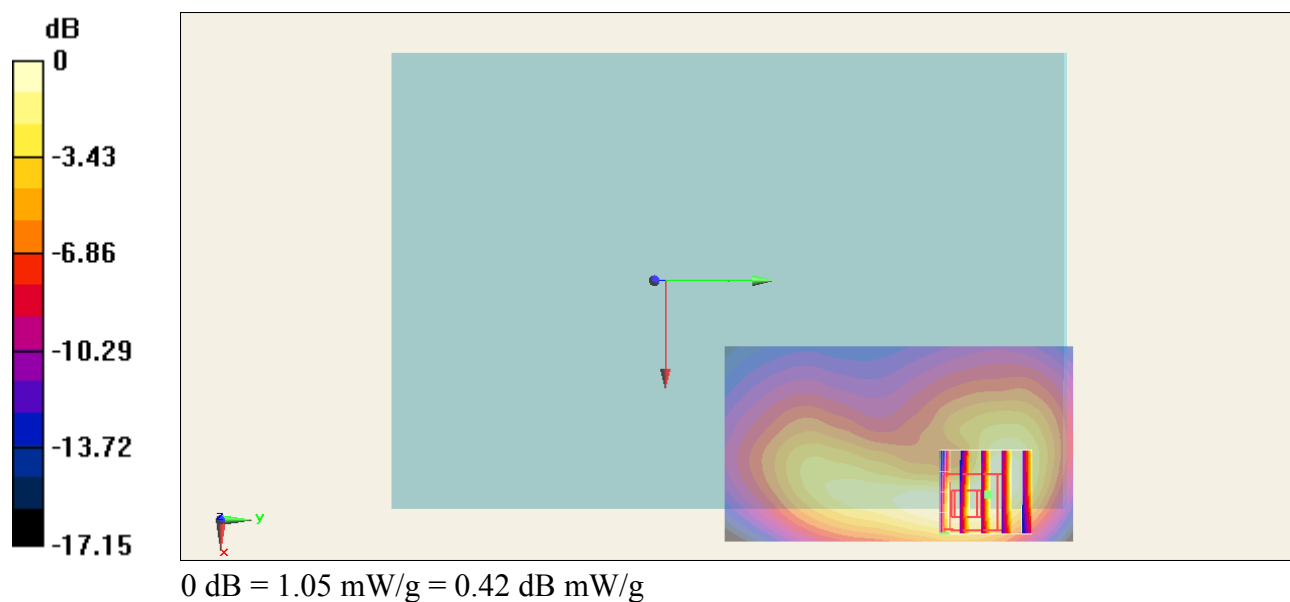
Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 33.259 V/m ; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.416 mW/g

SAR(1 g) = 0.823 mW/g ; SAR(10 g) = 0.464 mW/g

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



#149_WCDMA V_RMC 12.2Kbps_Bottom Face_0cm_Ch4233**DUT: 332221-02**

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

Medium: MSL_850_130419 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.856$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.1°C ; Liquid Temperature : 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.99, 8.99, 8.99); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4233/Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.20 mW/g

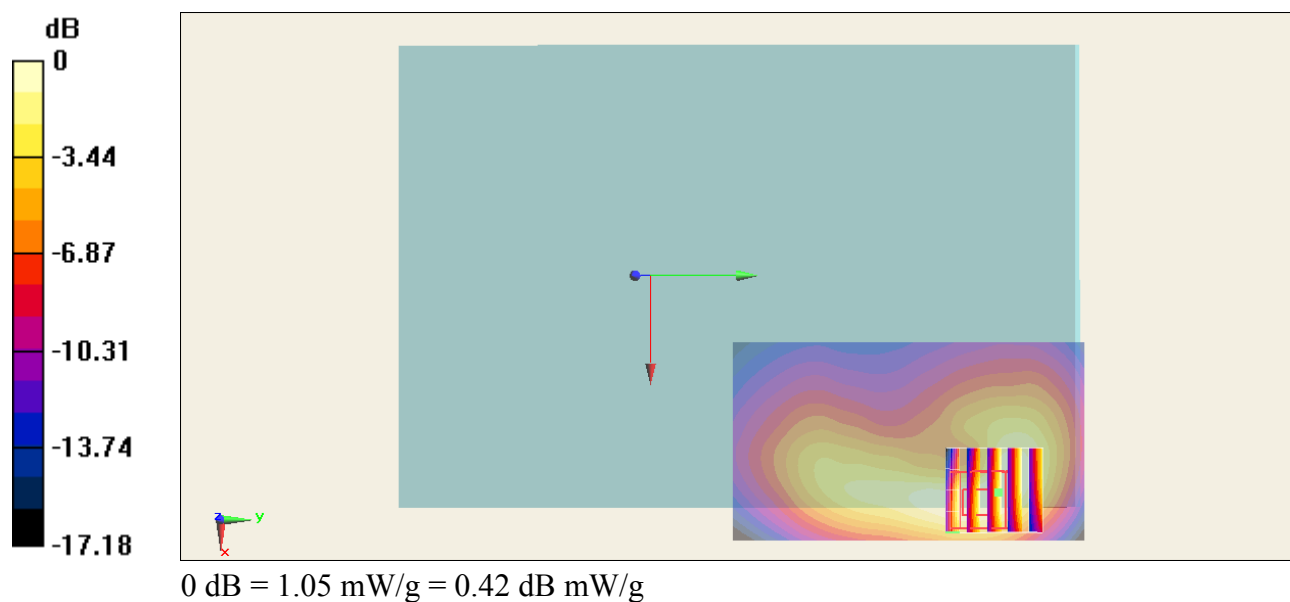
Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 33.238 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.413 mW/g

SAR(1 g) = 0.819 mW/g ; SAR(10 g) = 0.461 mW/g

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



#150_WCDMA V_RMC 12.2Kbps_Edge 1_0cm_Ch4132**DUT: 332221-02**

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

Medium: MSL_850_130419 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 55.984$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.99, 8.99, 8.99); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4132/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.826 mW/g

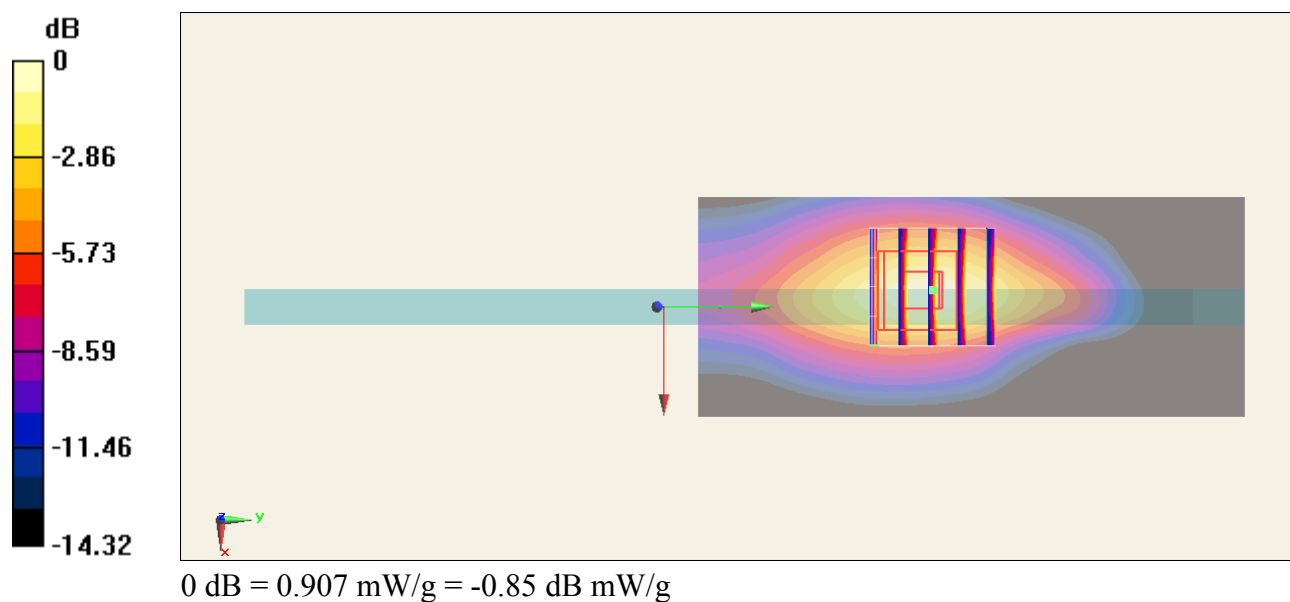
Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.879 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.154 mW/g

SAR(1 g) = 0.629 mW/g; SAR(10 g) = 0.352 mW/g

Maximum value of SAR (measured) = 0.907 mW/g



#151_WCDMA V_RMC 12.2Kbps_Curved surface of Edge1_0cm_Ch4132**DUT: 332221-02**

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

Medium: MSL_850_130419 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 55.984$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.99, 8.99, 8.99); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4132/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.964 mW/g

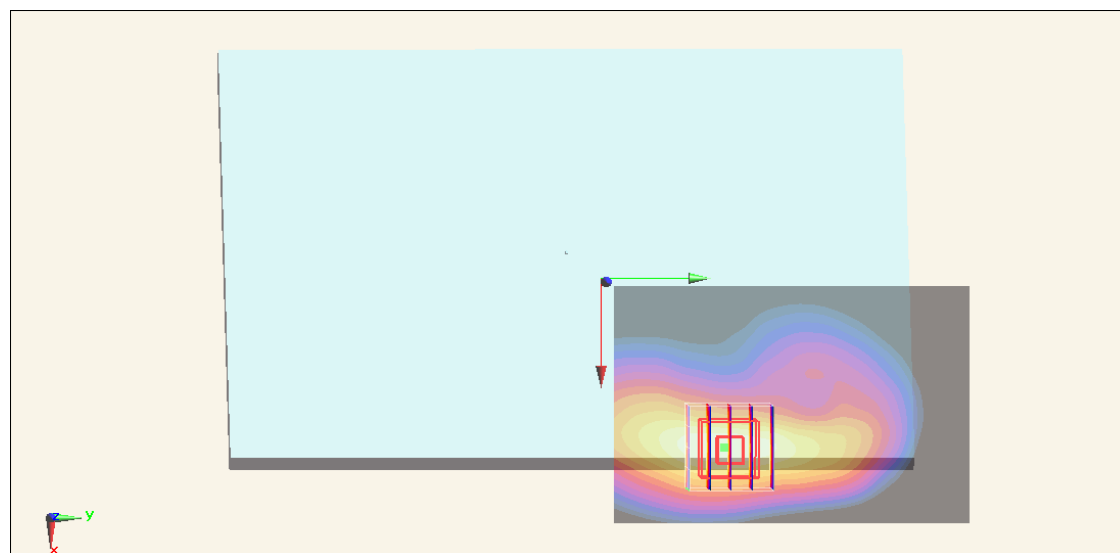
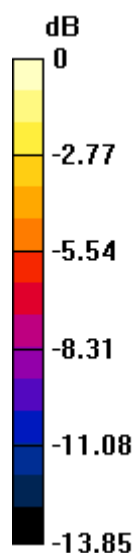
Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.942 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.226 mW/g

SAR(1 g) = 0.690 mW/g; SAR(10 g) = 0.399 mW/g

Maximum value of SAR (measured) = 0.956 mW/g



0 dB = 0.956 mW/g = -0.39 dB mW/g

#30_WCDMA IV_RMC 12.2Kbps_Bottom Face_1cm_Ch1312**DUT: 332221-02**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130411 Medium parameters used : $f = 1712.4$ MHz; $\sigma = 1.448$ mho/m; $\epsilon_r = 53.443$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

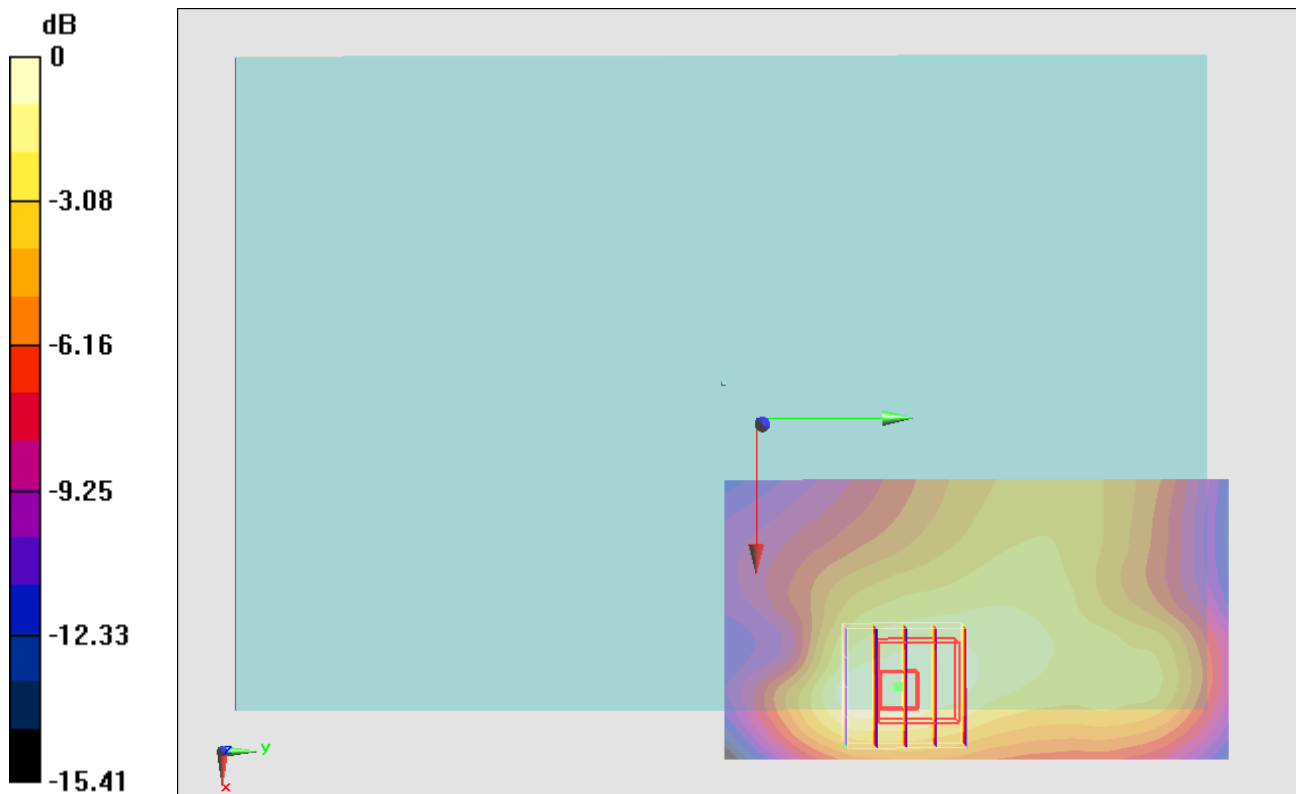
Configuration/Ch1312/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.675 mW/g**Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.120 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.834 mW/g

SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.383 mW/g

Maximum value of SAR (measured) = 0.646 mW/g



0 dB = 0.646 mW/g = -3.80 dB mW/g

#31_WCDMA IV_RMC 12.2Kbps_Edge 1_1.2cm_Ch1312**DUT: 332221-02**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130411 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.448$ mho/m; $\epsilon_r = 53.443$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1312/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.549 mW/g

Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.172 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.667 mW/g

SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.328 mW/g

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

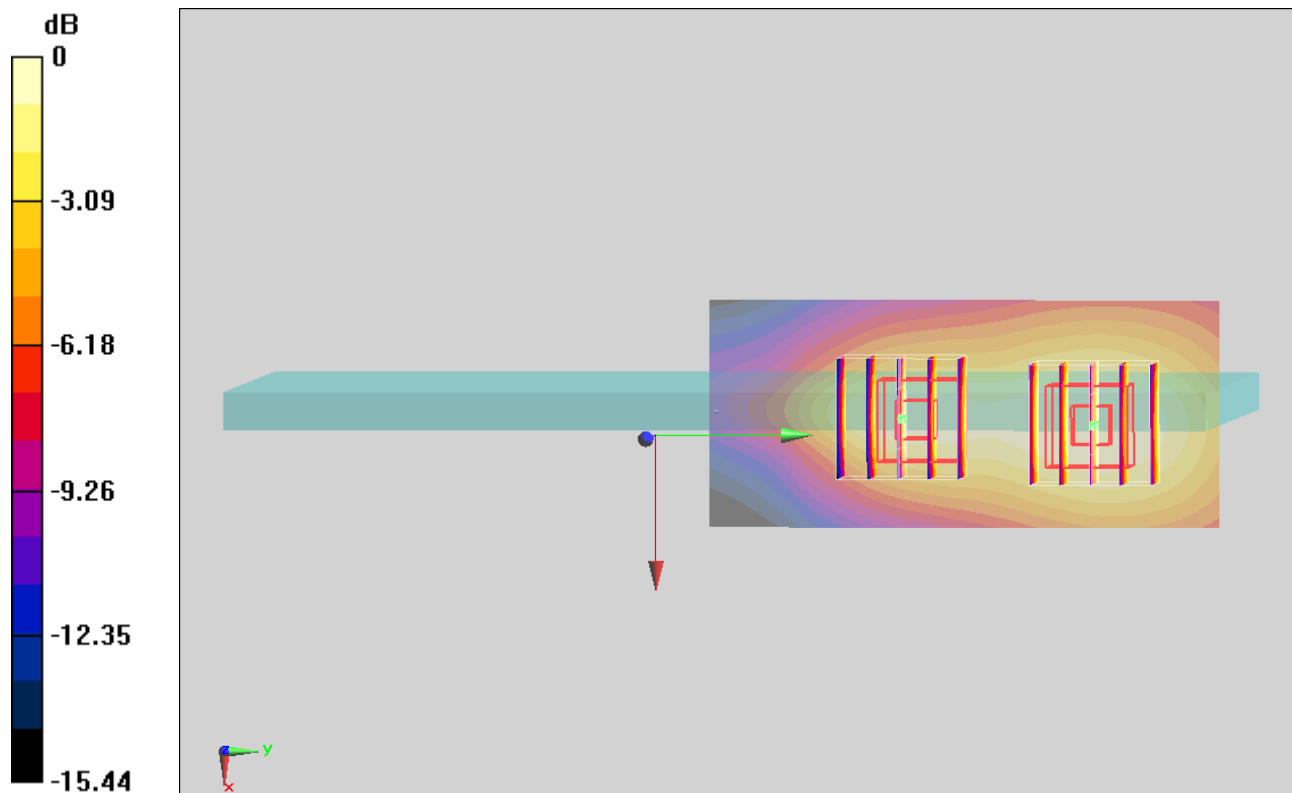
Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.172 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.583 mW/g

SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.259 mW/g

Maximum value of SAR (measured) = 0.465 mW/g



#32_WCDMA IV_RMC 12.2Kbps_Edge 2_0cm_Ch1312**DUT: 332221-02**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130411 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.448$ mho/m; $\epsilon_r = 53.443$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1312/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.338 mW/g

Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.136 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.378 mW/g

SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.279 mW/g

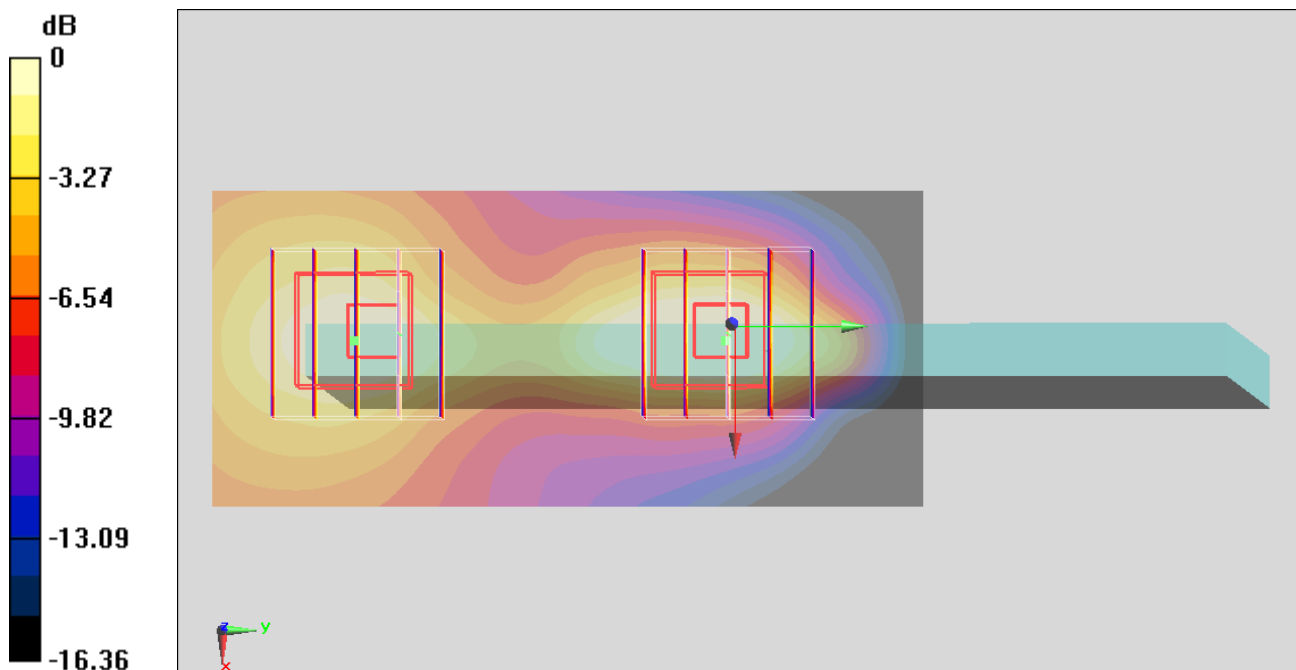
Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.136 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.337 mW/g

SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.216 mW/g



0 dB = 0.216 mW/g = -13.31 dB mW/g

#141_WCDMA IV_RMC 12.2Kbps_Bottom Face_0cm_Ch1312**DUT: 332221-02**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130419 Medium parameters used : $f = 1712.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51.879$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.71, 7.71, 7.71); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1312/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.30 mW/g

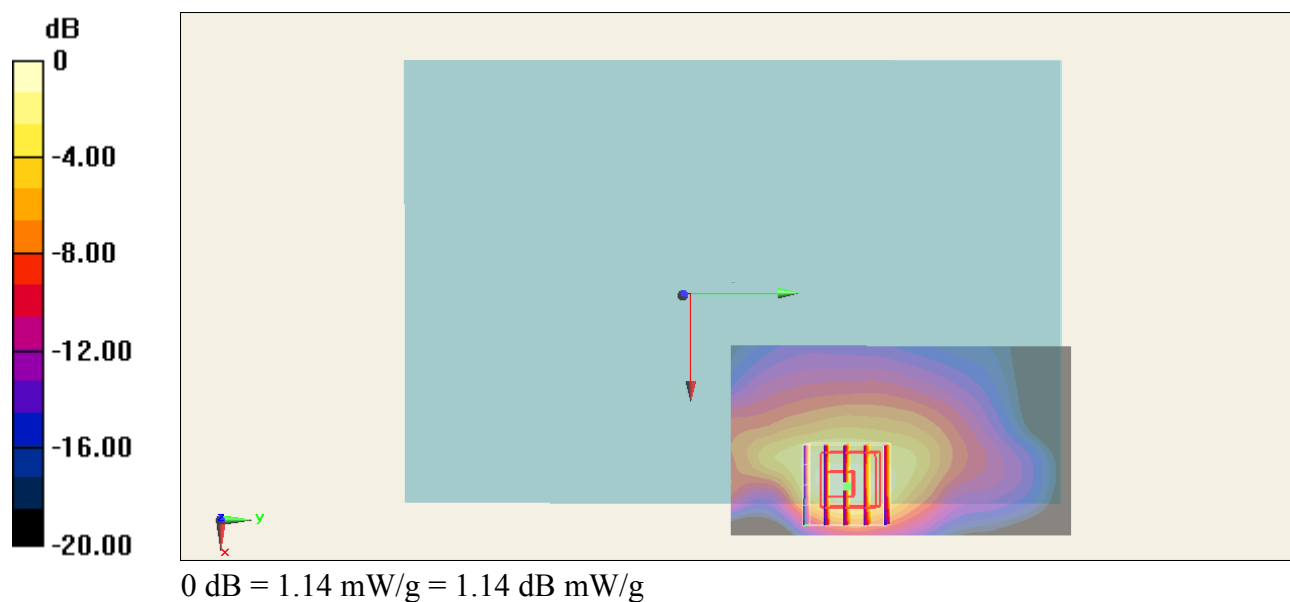
Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.109 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.520 mW/g

SAR(1 g) = 0.797 mW/g; SAR(10 g) = 0.446 mW/g

Maximum value of SAR (measured) = 1.14 mW/g



#142_WCDMA IV_RMC 12.2Kbps_Bottom Face_0cm_Ch1413**DUT: 332221-02**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130419 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 51.816$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.71, 7.71, 7.71); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1413/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.28 mW/g

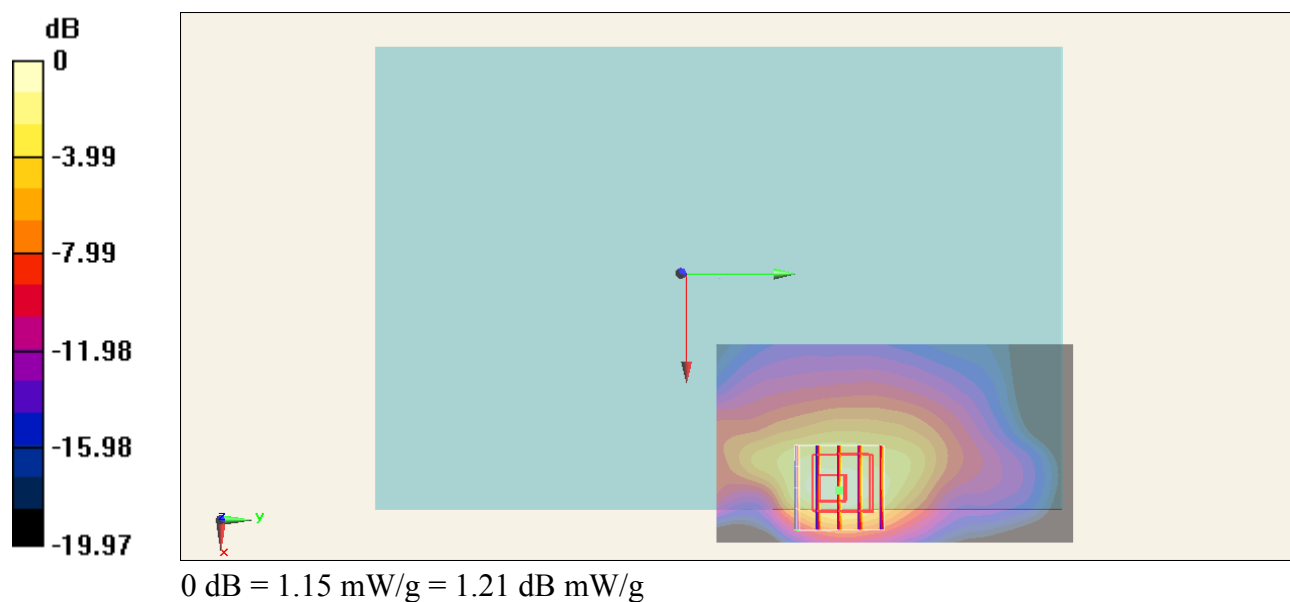
Configuration/Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.030 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.533 mW/g

SAR(1 g) = 0.804 mW/g; SAR(10 g) = 0.449 mW/g

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



#143_WCDMA IV_RMC 12.2Kbps_Bottom Face_0cm_Ch1513**DUT: 332221-02**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130419 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.531$ mho/m; $\epsilon_r = 51.754$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.71, 7.71, 7.71); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1513/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.25 mW/g

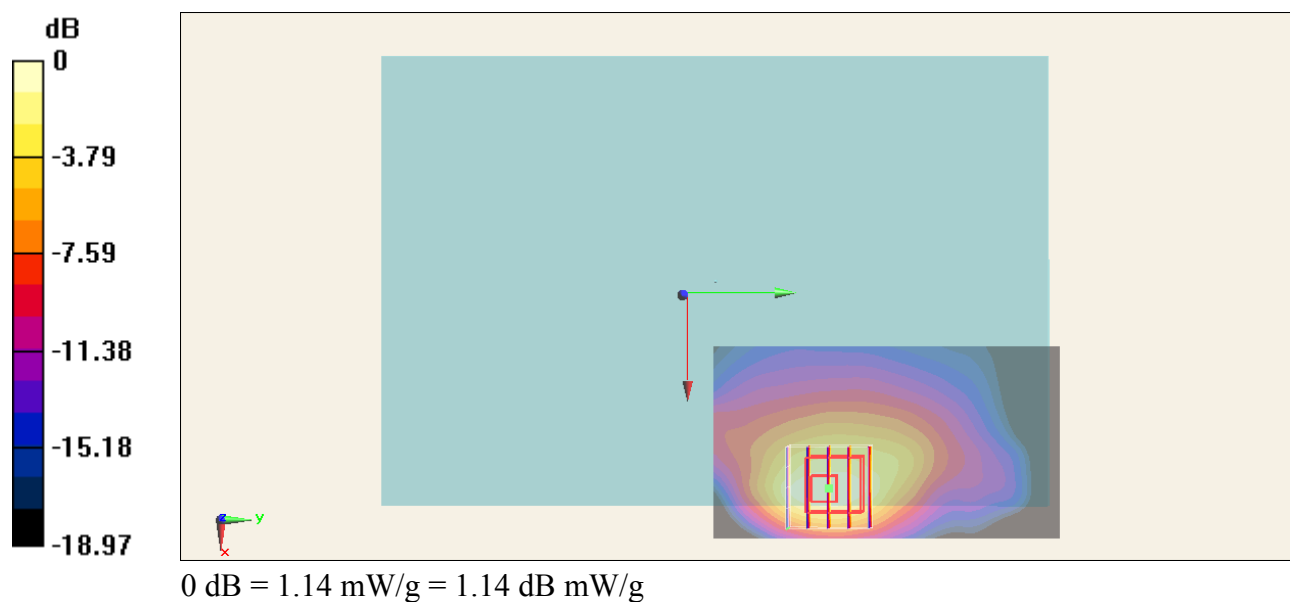
Configuration/Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.115 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.527 mW/g

SAR(1 g) = 0.821 mW/g; SAR(10 g) = 0.460 mW/g

Maximum value of SAR (measured) = 1.14 mW/g



#144_WCDMA IV_RMC 12.2Kbps_Edge 1_0cm_Ch1312**DUT: 332221-02**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130419 Medium parameters used : $f = 1712.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51.879$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.71, 7.71, 7.71); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1312/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.09 mW/g

Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.389 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.664 mW/g

SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.395 mW/g

Maximum value of SAR (measured) = 1.33 mW/g

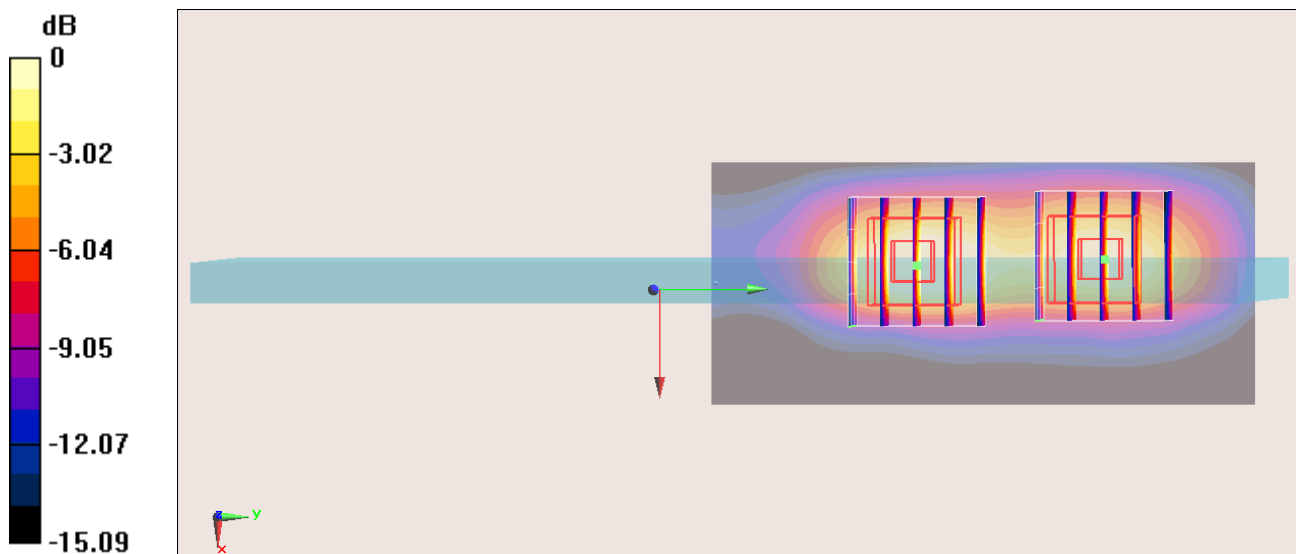
Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.389 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.874 mW/g

SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.276 mW/g

Maximum value of SAR (measured) = 0.707 mW/g



0 dB = 0.707 mW/g = -3.01 dB mW/g

#147_WCDMA IV_RMC 12.2Kbps_Edge 1_0cm_Ch1312;Repeat**DUT: 332221-02**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130419 Medium parameters used : $f = 1712.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51.879$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.71, 7.71, 7.71); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1312/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.10 mW/g

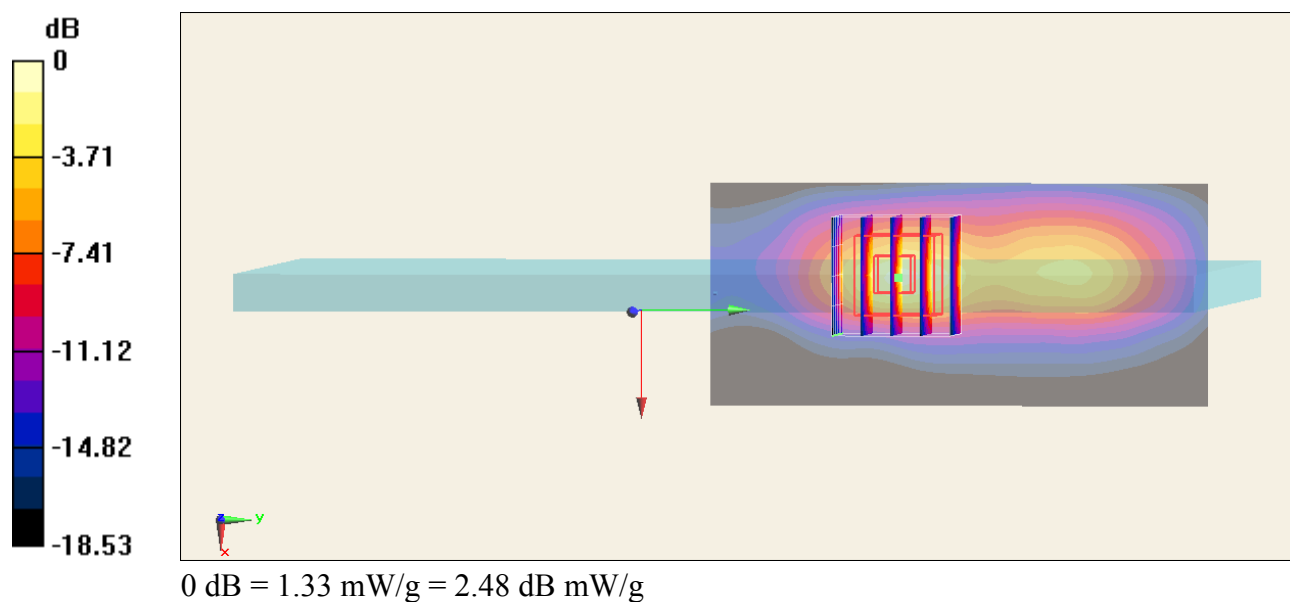
Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.246 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.653 mW/g

SAR(1 g) = 0.855 mW/g; SAR(10 g) = 0.392 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



#145_WCDMA IV_RMC 12.2Kbps_Edge 1_0cm_Ch1413**DUT: 332221-02**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130419 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 51.816$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.71, 7.71, 7.71); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1413/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.01 mW/g

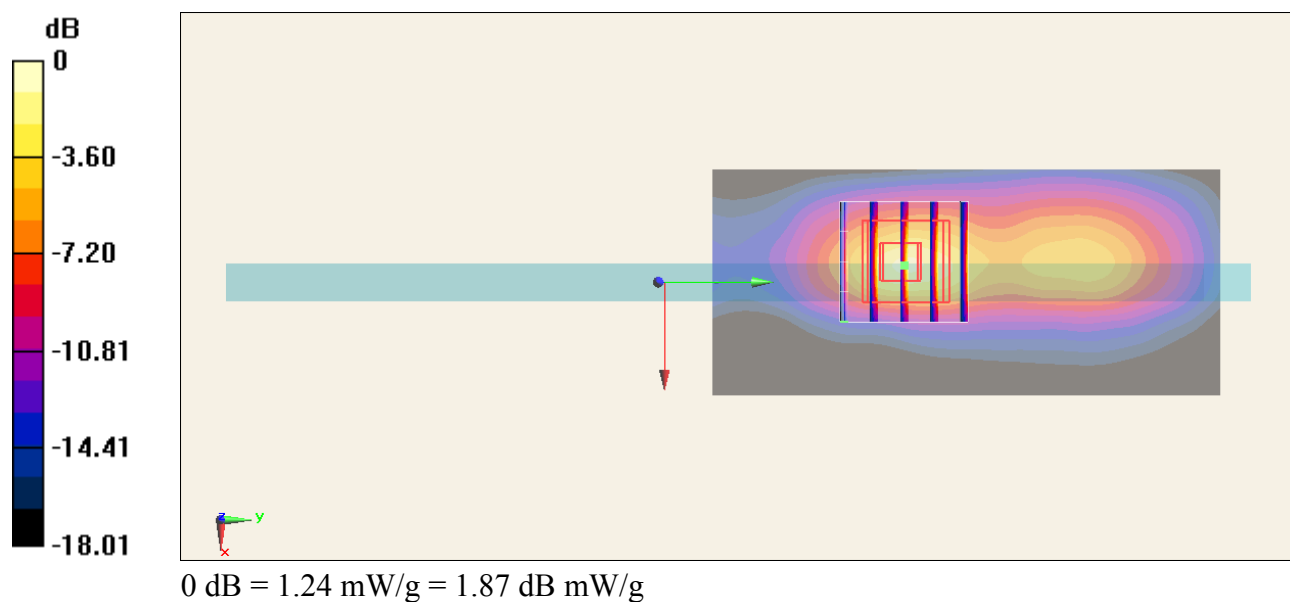
Configuration/Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.010 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.548 mW/g

SAR(1 g) = 0.802 mW/g; SAR(10 g) = 0.366 mW/g

Maximum value of SAR (measured) = 1.24 mW/g



#146_WCDMA IV_RMC 12.2Kbps_Edge 1_0cm_Ch1513**DUT: 332221-02**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130419 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.531$ mho/m; $\epsilon_r = 51.754$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.71, 7.71, 7.71); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1513/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.10 mW/g

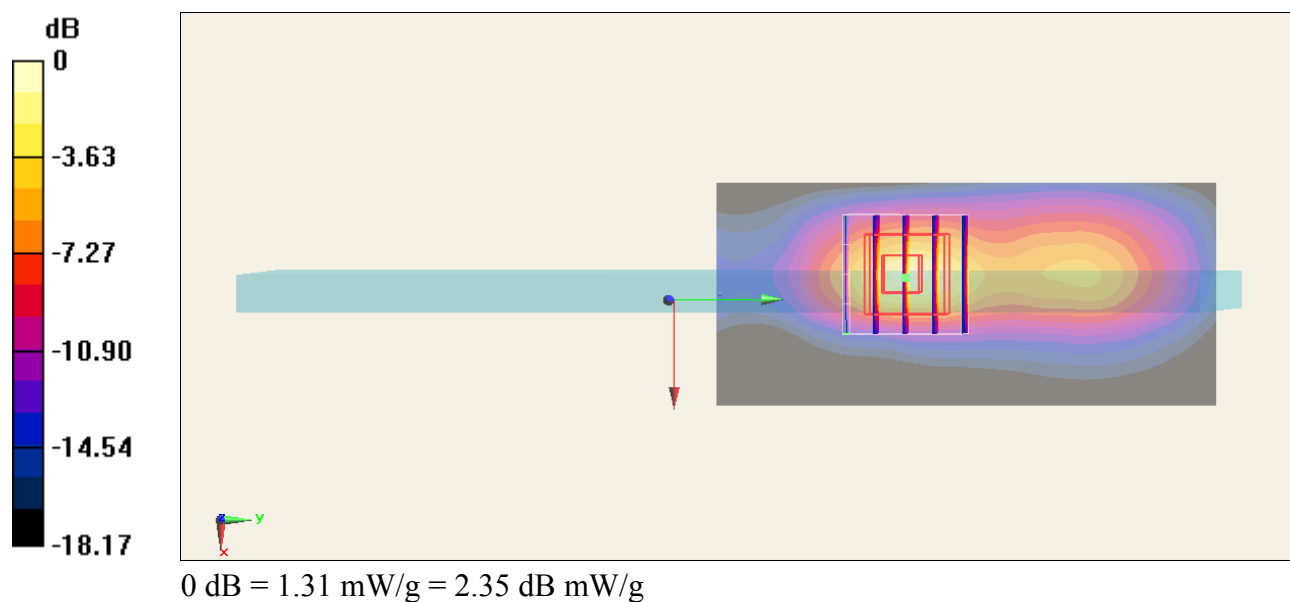
Configuration/Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.778 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.641 mW/g

SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.383 mW/g

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



#137_WCDMA IV_RMC 12.2Kbps_Curved surface of Edge1_0cm_Ch1312**DUT: 332221-02**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130418 Medium parameters used : $f = 1712.4$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 51.92$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1312/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.867 mW/g

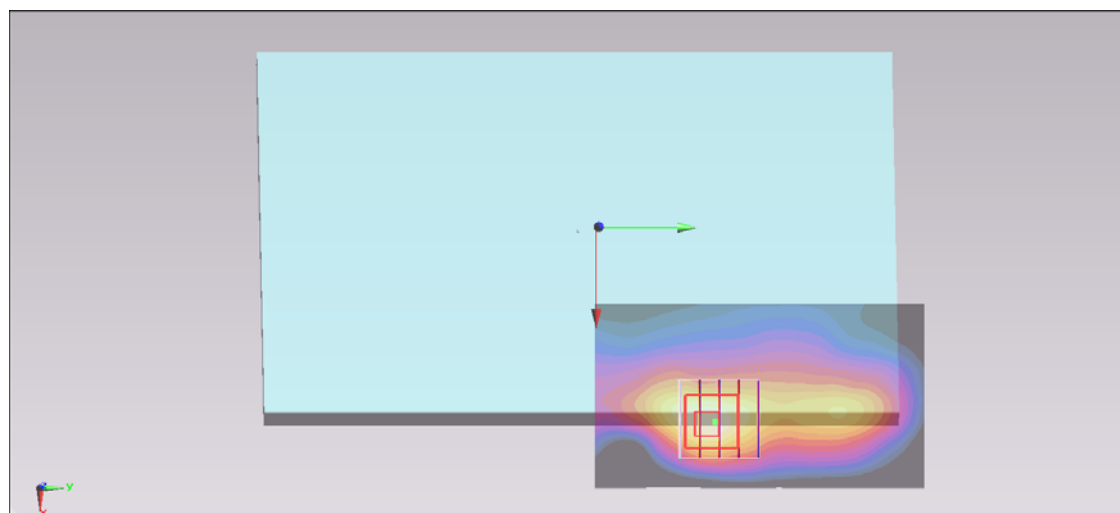
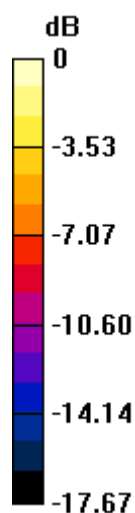
Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.838 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.372 mW/g

SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.373 mW/g

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



0 dB = 0.924 mW/g = -0.69 dB mW/g

#138_WCDMA IV_RMC 12.2Kbps_Curved surface of Edge1_0cm_Ch1413**DUT: 332221-02**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130418 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 51.814$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

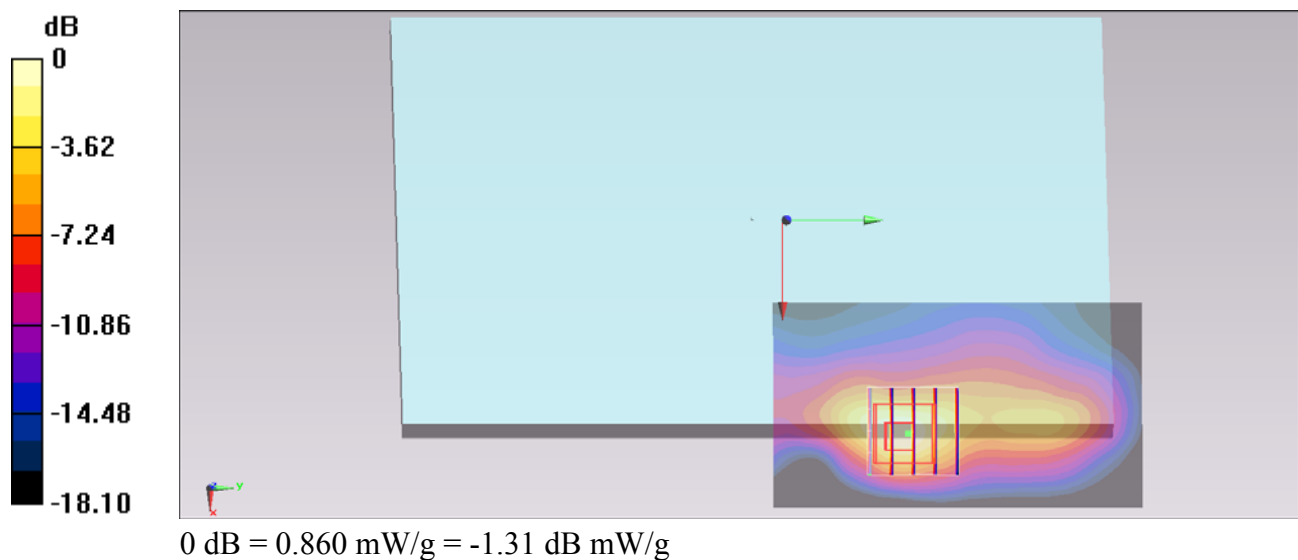
Configuration/Ch1413/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.800 mW/g**Configuration/Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.852 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.278 mW/g

SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.343 mW/g

Maximum value of SAR (measured) = 0.860 mW/g



#139_WCDMA IV_RMC 12.2Kbps_Curved surface of Edge1_0cm_Ch1513**DUT: 332221-02**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_130418 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.729$; $\rho =$ 1000 kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1513/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.836 mW/g

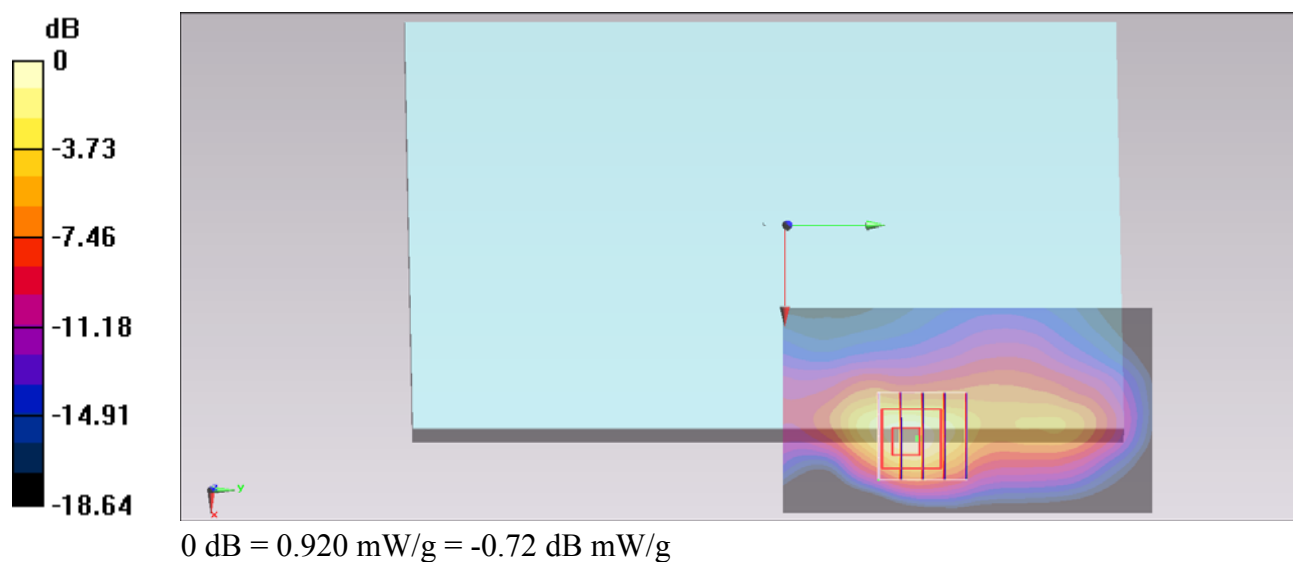
Configuration/Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.221 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.335 mW/g

SAR(1 g) = 0.739 mW/g; SAR(10 g) = 0.363 mW/g

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



#10_WCDMA II_RMC 12.2Kbps_Bottom Face_1cm_Ch9400**DUT: 332221-02**

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

Medium: MSL_1900_130410 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.557$ mho/m; $\epsilon_r = 51.405$; ρ

$= 1000$ kg/m³

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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.811 mW/g

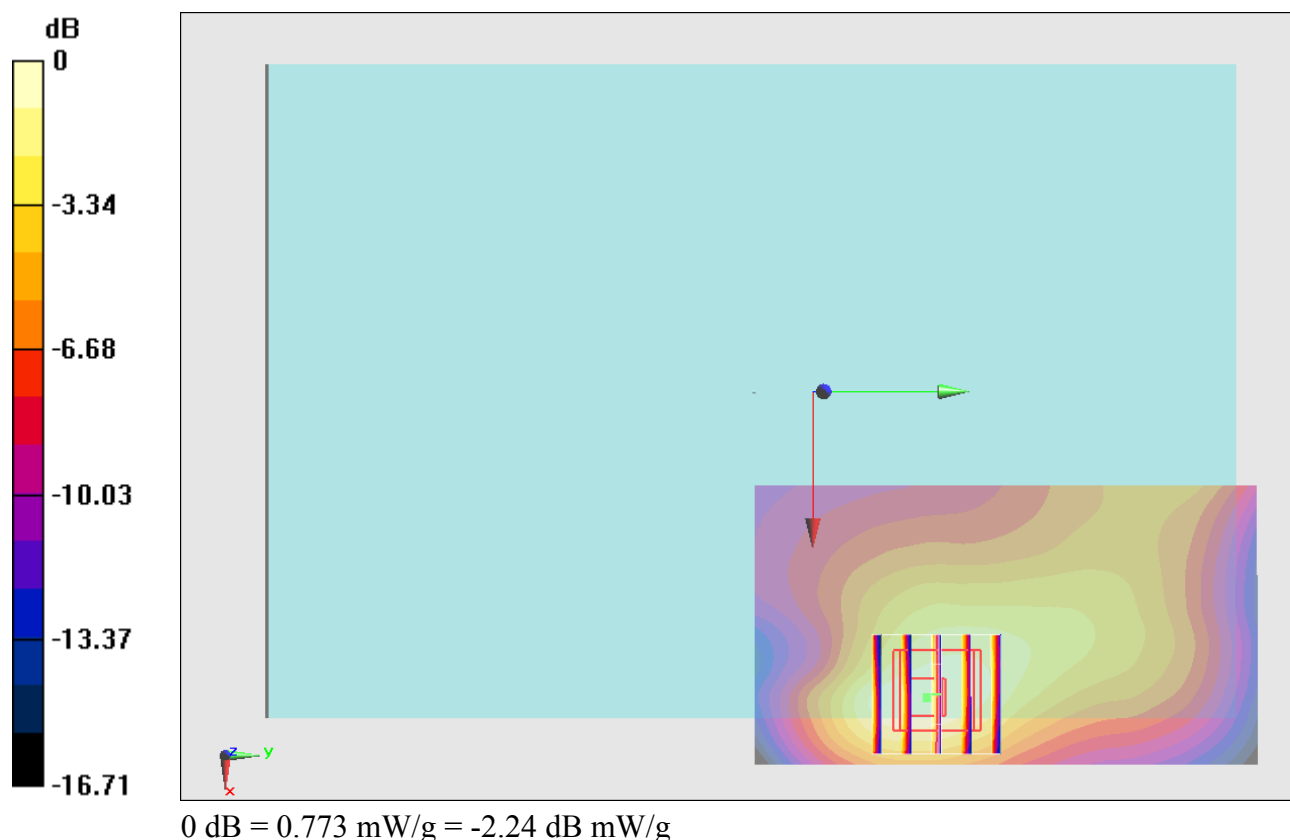
Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.304 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.053 mW/g

SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.427 mW/g

Maximum value of SAR (measured) = 0.773 mW/g



#19_WCDMA II_RMC 12.2Kbps_Bottom Face_1cm_Ch9262**DUT: 332221-02**

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

Medium: MSL_1900_130410 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.549$ mho/m; $\epsilon_r = 51.516$; $\rho = 1000$ kg/m³

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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9262/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.762 mW/g

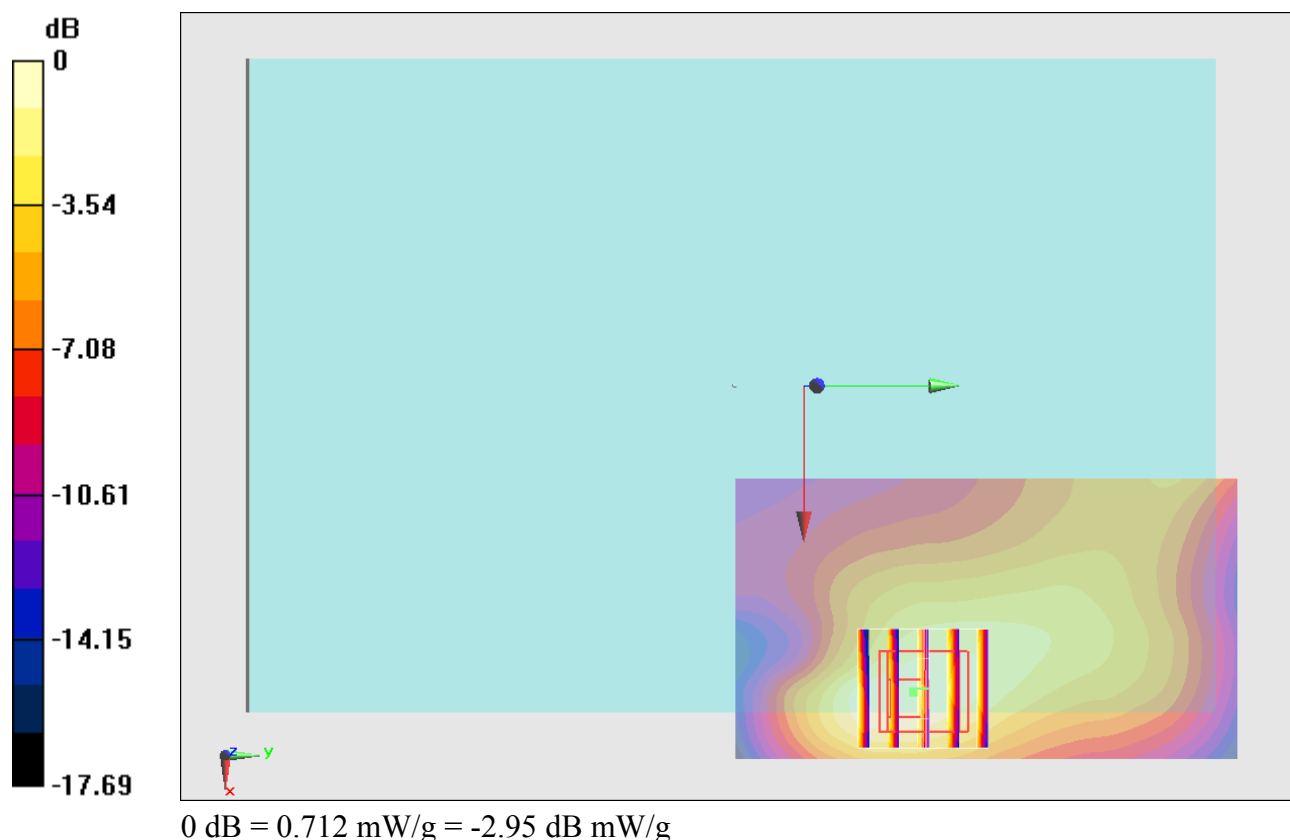
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.479 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.968 mW/g

SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.404 mW/g

Maximum value of SAR (measured) = 0.712 mW/g



#20_WCDMA II_RMC 12.2Kbps_Bottom Face_1cm_Ch9538**DUT: 332221-02**

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

Medium: MSL_1900_130410 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.572$ mho/m; $\epsilon_r = 51.086$; ρ

$= 1000$ kg/m³

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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9538/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.754 mW/g

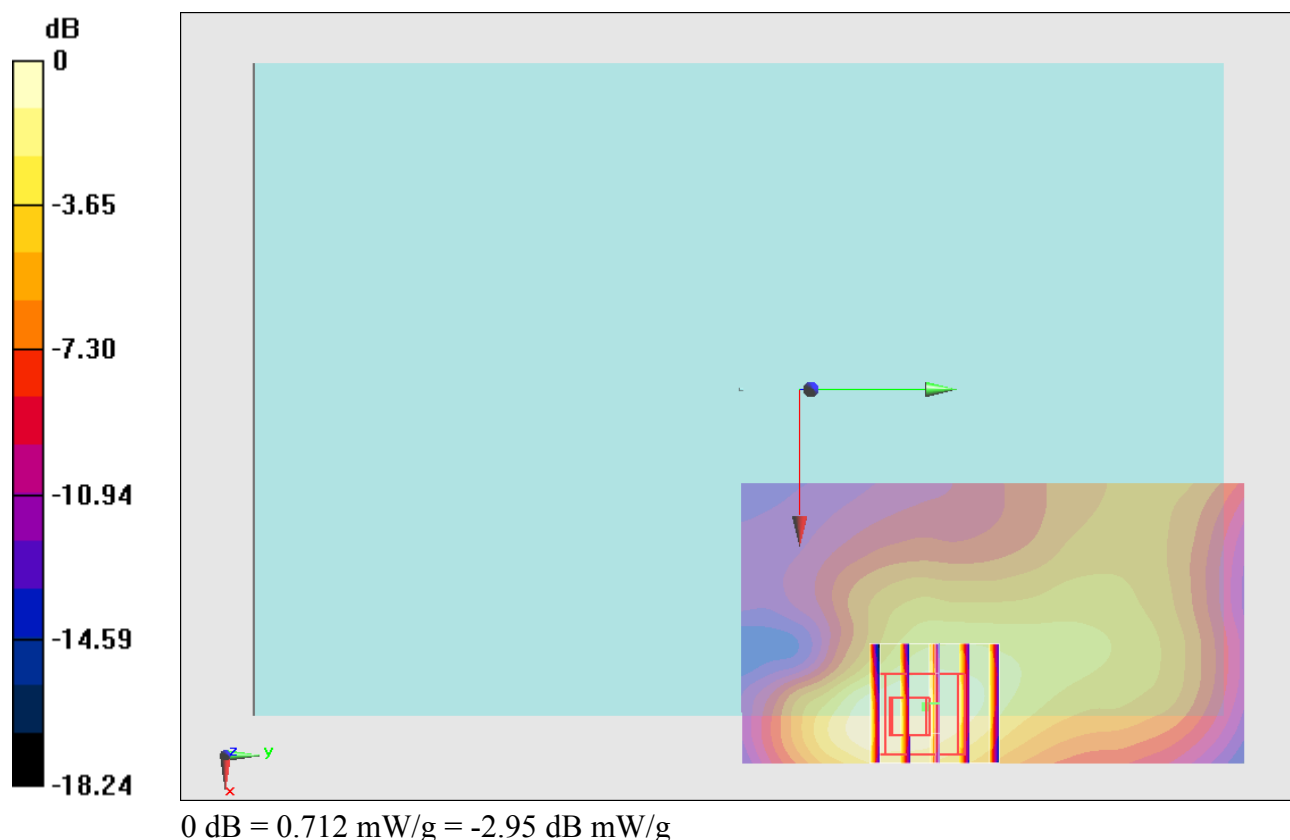
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.458 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.020 mW/g

SAR(1 g) = 0.680 mW/g; SAR(10 g) = 0.403 mW/g

Maximum value of SAR (measured) = 0.712 mW/g



#11_WCDMA II_RMC 12.2Kbps_Edge 1_1.2cm_Ch9400**DUT: 332221-02**

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

Medium: MSL_1900_130410 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.557$ mho/m; $\epsilon_r = 51.405$; ρ $= 1000$ kg/m³

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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

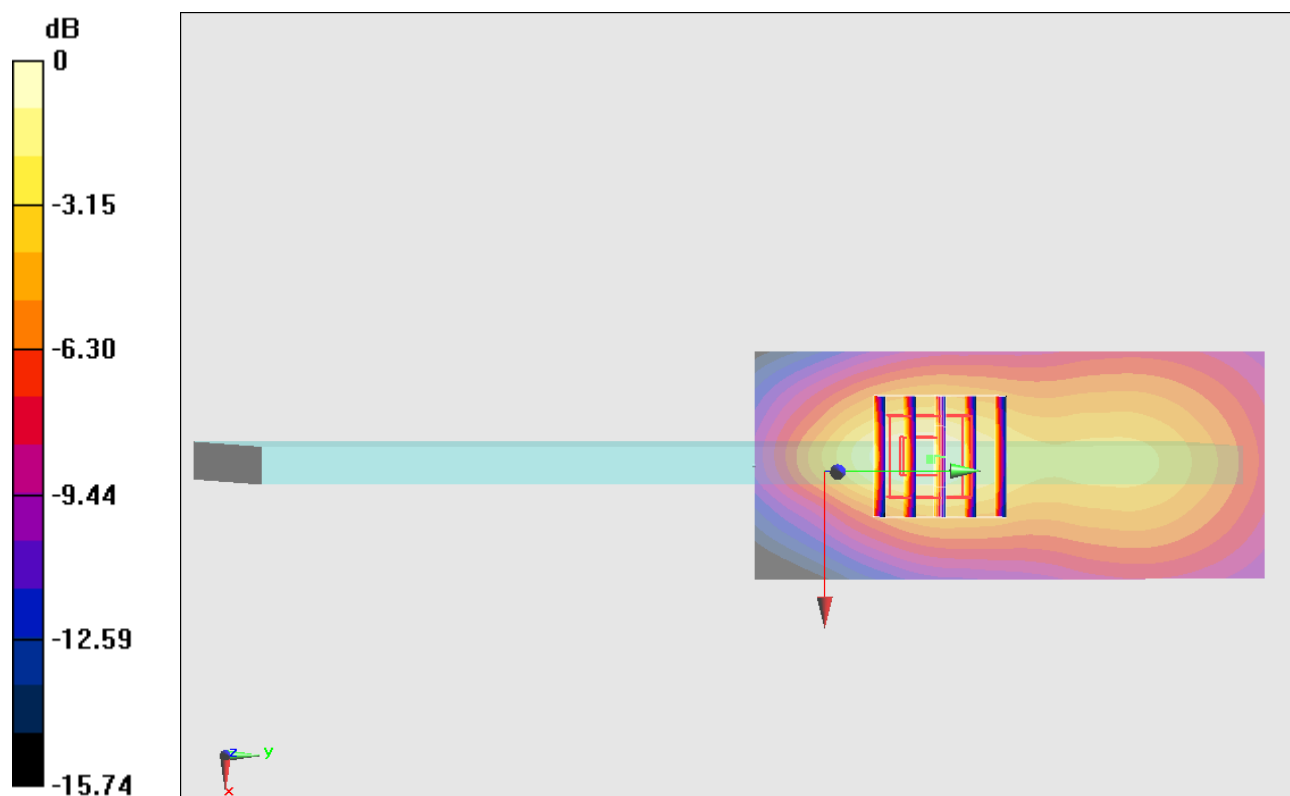
Configuration/Ch9400/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.668 mW/g**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.543 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.895 mW/g

SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 0.655 mW/g



0 dB = 0.655 mW/g = -3.68 dB mW/g

#12_WCDMA II_RMC 12.2Kbps_Edge 2_0cm_Ch9400**DUT: 332221-02**

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

Medium: MSL_1900_130410 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.557$ mho/m; $\epsilon_r = 51.405$; ρ $= 1000$ kg/m³

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 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9400/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.522 mW/g**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.764 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.731 mW/g

SAR(1 g) = 0.409 mW/g; SAR(10 g) = 0.192 mW/g

Maximum value of SAR (measured) = 0.476 mW/g

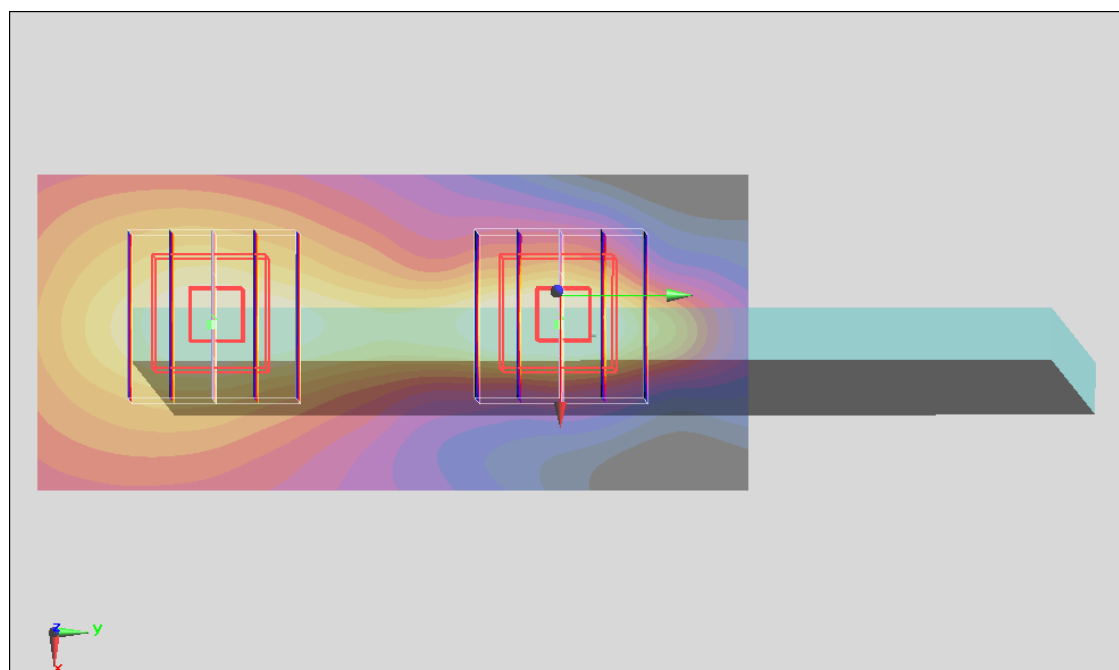
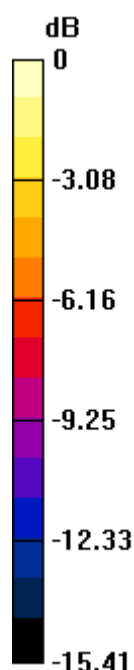
Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.764 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.490 mW/g

SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.163 mW/g

Maximum value of SAR (measured) = 0.323 mW/g



0 dB = 0.323 mW/g = -9.82 dB mW/g

#130_WCDMA II_RMC 12.2Kbps_Bottom Face_0cm_Ch9400**DUT: 332221-02**

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

Medium: MSL_1900_130418 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r = 52.919$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.910 mW/g

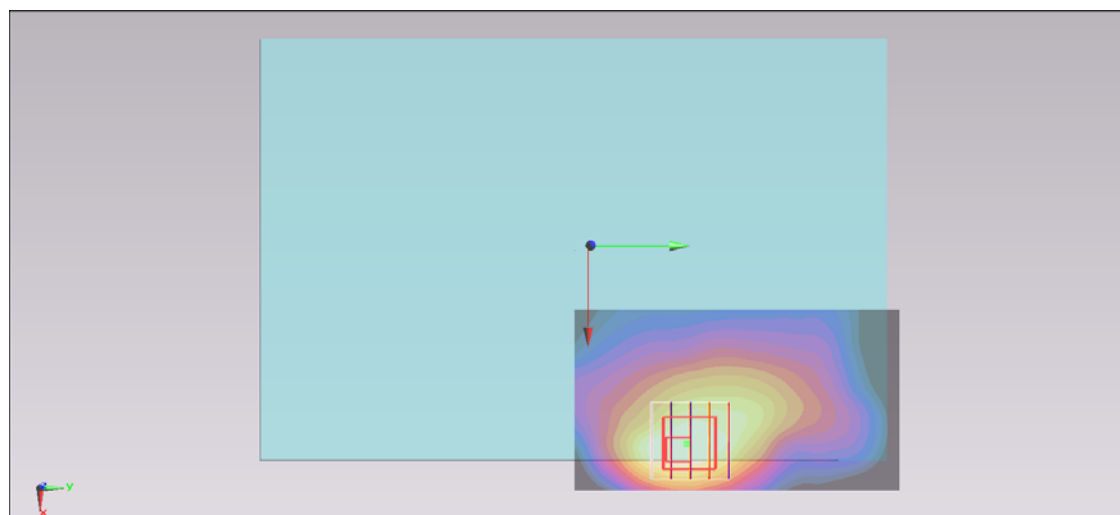
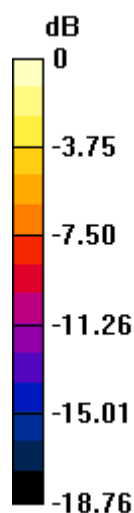
Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.867 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.246 mW/g

SAR(1 g) = 0.643 mW/g; SAR(10 g) = 0.343 mW/g

Maximum value of SAR (measured) = 0.729 mW/g



0 dB = 0.729 mW/g = -2.75 dB mW/g

#131_WCDMA II_RMC 12.2Kbps_Edge 1_0cm_Ch9400**DUT: 332221-02**

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

Medium: MSL_1900_130418 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r = 52.919$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.09 mW/g

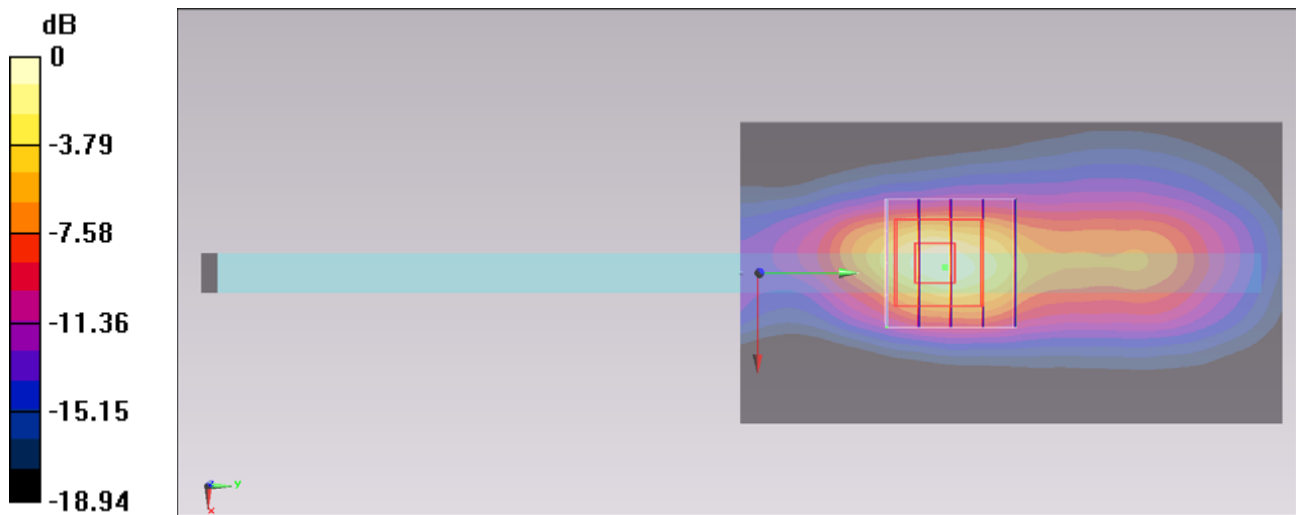
Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.816 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.609 mW/g

SAR(1 g) = 0.809 mW/g; SAR(10 g) = 0.364 mW/g

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



#132_WCDMA II_RMC 12.2Kbps_Edge 1_0cm_Ch9262**DUT: 332221-02**

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

Medium: MSL_1900_130418 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.488$ mho/m; $\epsilon_r = 53.027$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9262/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.973 mW/g

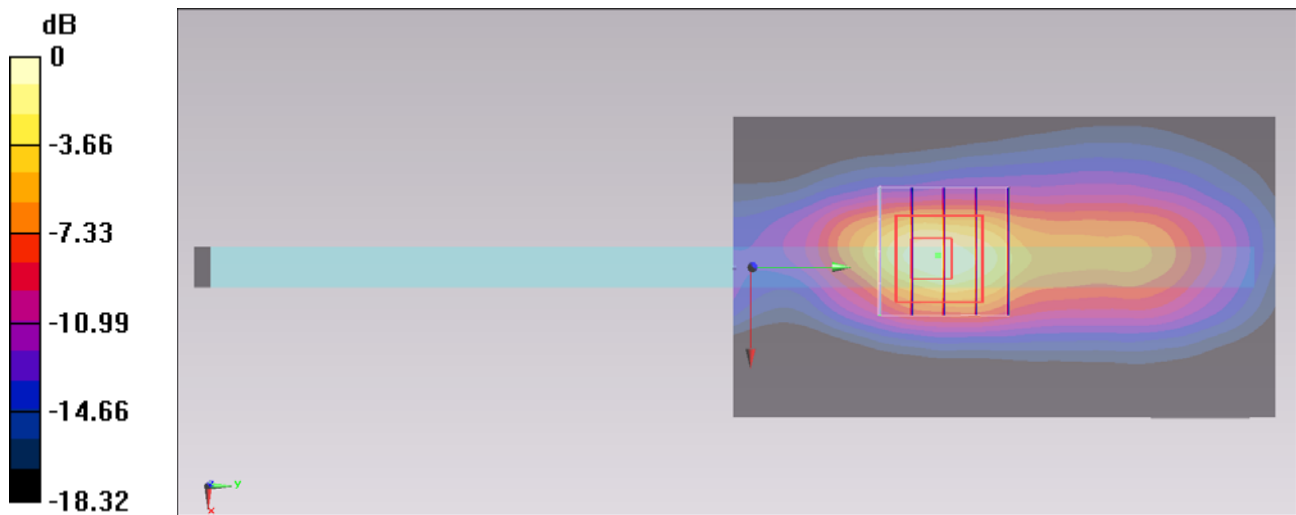
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.622 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.446 mW/g

SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.334 mW/g

Maximum value of SAR (measured) = 0.927 mW/g



#133_WCDMA II_RMC 12.2Kbps_Edge 1_0cm_Ch9538**DUT: 332221-02**

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

Medium: MSL_1900_130418 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.533$ mho/m; $\epsilon_r = 52.774$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9538/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.07 mW/g

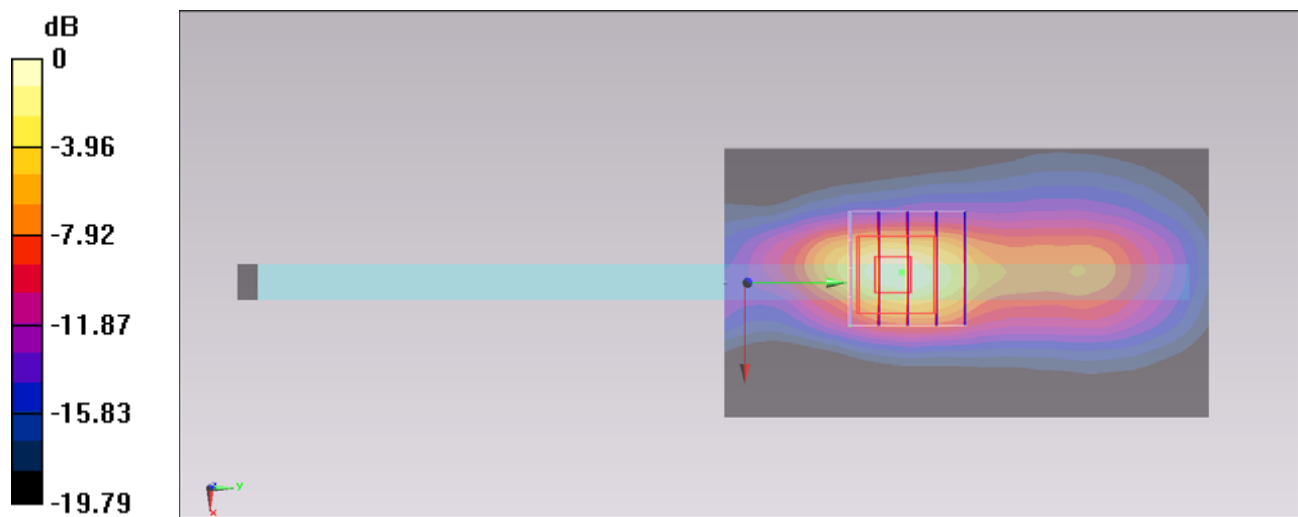
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.465 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.640 mW/g

SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.362 mW/g

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



#153_WCDMA II_RMC 12.2Kbps_Edge 1_0cm_Ch9538;Repeat**DUT: 332221-02**

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

Medium: MSL_1900_130418 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.533$ mho/m; $\epsilon_r = 52.774$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9538/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

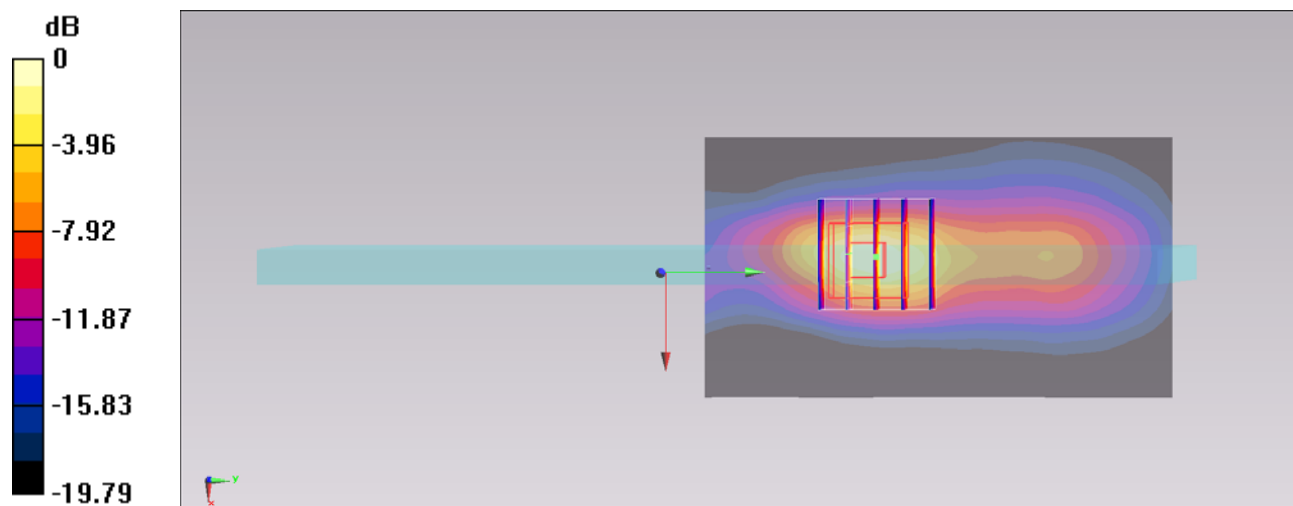
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.465 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.640 mW/g

SAR(1 g) = 0.804 mW/g; SAR(10 g) = 0.358 mW/g

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



0 dB = 1.04 mW/g = 0.34 dB mW/g

#134_WCDMA II_RMC 12.2Kbps_Curved surface of Edge1_0cm_Ch9400**DUT: 332221-02**

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

Medium: MSL_1900_130418 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r = 52.919$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

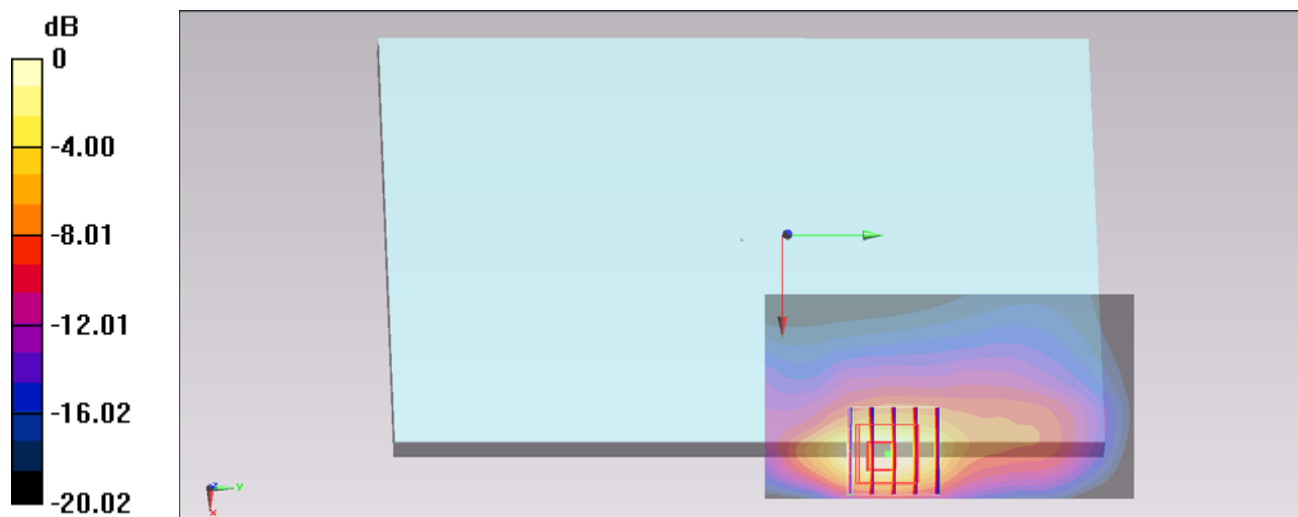
Configuration/Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.06 mW/g**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.403 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.587 mW/g

SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.368 mW/g

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



#135_WCDMA II_RMC 12.2Kbps_Curved surface of Edge1_0cm_Ch9262**DUT: 332221-02**

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

Medium: MSL_1900_130418 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.488$ mho/m; $\epsilon_r = 53.027$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

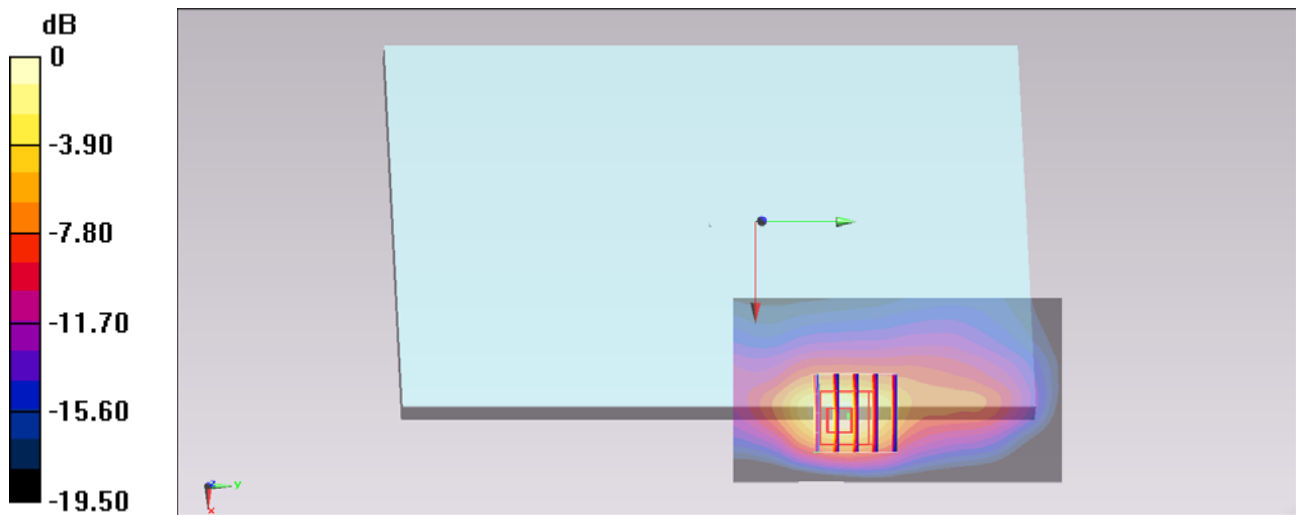
Configuration/Ch9262/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.799 mW/g**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.374 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.424 mW/g

SAR(1 g) = 0.736 mW/g; SAR(10 g) = 0.352 mW/g

Maximum value of SAR (measured) = 0.917 mW/g



0 dB = 0.917 mW/g = -0.75 dB mW/g

#136_WCDMA II_RMC 12.2Kbps_Curved surface of Edge1_0cm_Ch9538**DUT: 332221-02**

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

Medium: MSL_1900_130418 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.533$ mho/m; $\epsilon_r = 52.774$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

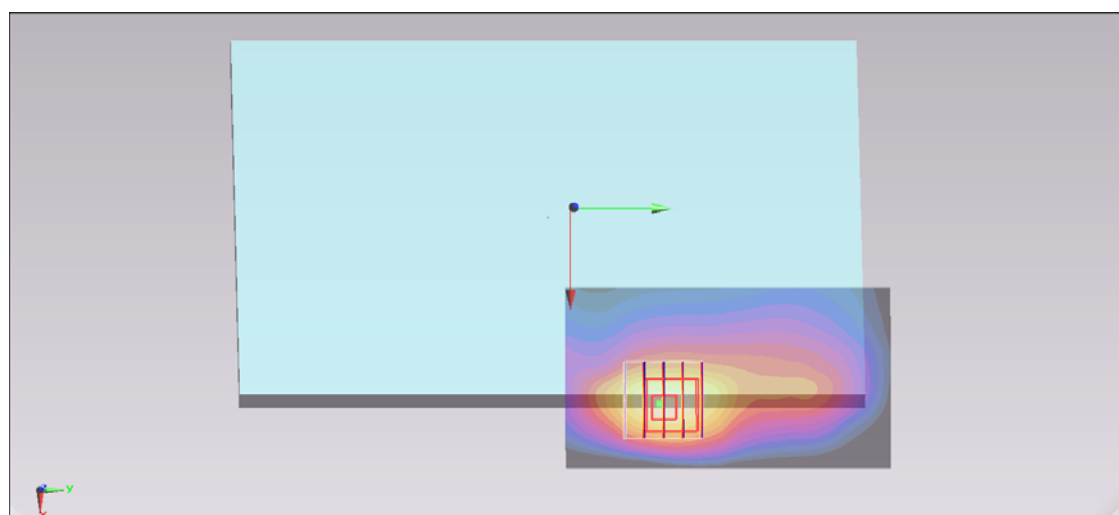
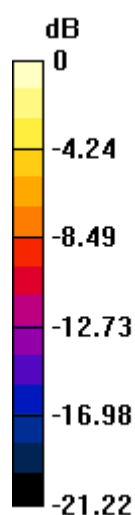
Configuration/Ch9538/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.866 mW/g**Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.912 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.610 mW/g

SAR(1 g) = 0.790 mW/g; SAR(10 g) = 0.364 mW/g

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



0 dB = 0.981 mW/g = -0.17 dB mW/g