

**#25\_LTE Band 17\_10M\_QPSK\_1RB\_49Offset\_Back\_1cm\_Ch23790;Battery1\_With Scanner****DUT: 322304-07**

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

Medium: MSL\_750\_130626 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.943$  S/m;  $\epsilon_r = 55.554$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.86, 8.86, 8.86); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

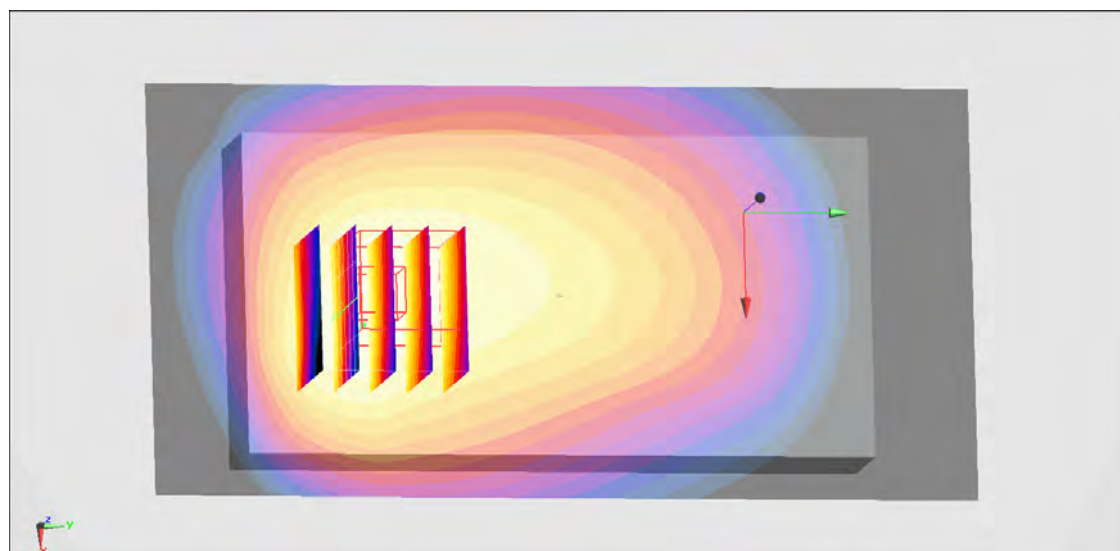
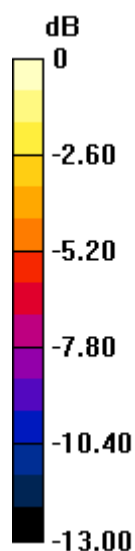
**Configuration/Ch23790/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.986 W/kg**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 31.751 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.553 W/kg**

Maximum value of SAR (measured) = 0.954 W/kg



0 dB = 0.954 W/kg = -0.20 dBW/kg

**#97\_LTE Band 17\_10M\_QPSK\_1RB\_49Offset\_Back\_1cm\_Ch23780;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_130626 Medium parameters used:  $f = 709$  MHz;  $\sigma = 0.942$  S/m;  $\epsilon_r = 55.563$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.86, 8.86, 8.86); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

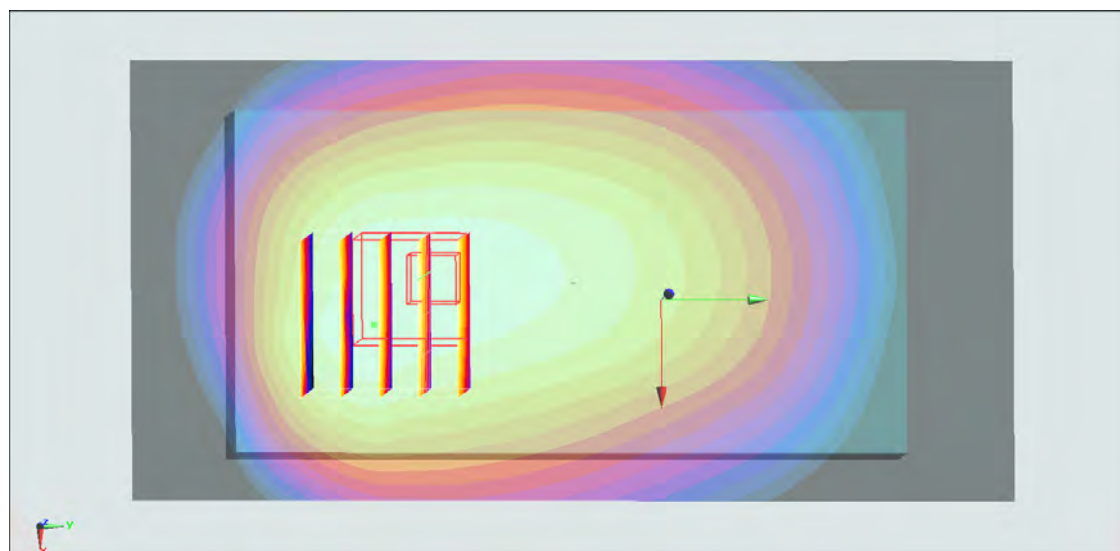
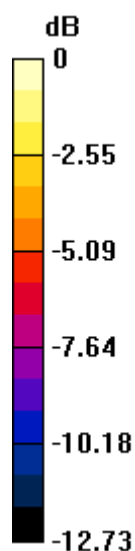
**Configuration/Ch23780/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.969 W/kg**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 31.667 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.07 W/kg

**SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.578 W/kg**

Maximum value of SAR (measured) = 0.954 W/kg



0 dB = 0.954 W/kg = -0.20 dBW/kg

**#98\_LTE Band 17\_10M\_QPSK\_1RB\_49Offset\_Back\_1cm\_Ch23800;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_130626 Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.944$  S/m;  $\epsilon_r = 55.542$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.86, 8.86, 8.86); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

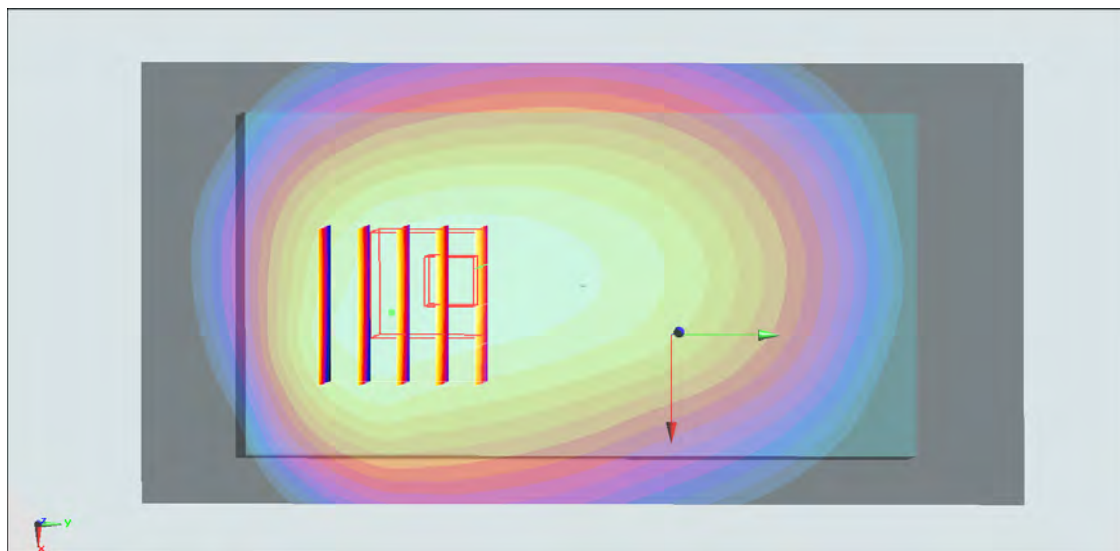
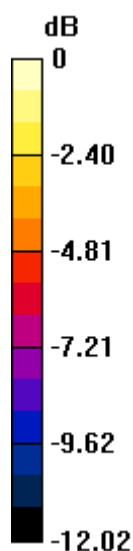
**Configuration/Ch23800/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.00 W/kg**Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.546 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.611 W/kg**

Maximum value of SAR (measured) = 0.997 W/kg



0 dB = 0.997 W/kg = -0.01 dBW/kg

**#336\_LTE Band 17\_10M\_QPSK\_1RB\_49Offset\_Back\_1cm\_Ch23800;Battery1\_With Scanner\_Repeat****DUT: 322304-07**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_130626 Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.944$  S/m;  $\epsilon_r = 55.542$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.86, 8.86, 8.86); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

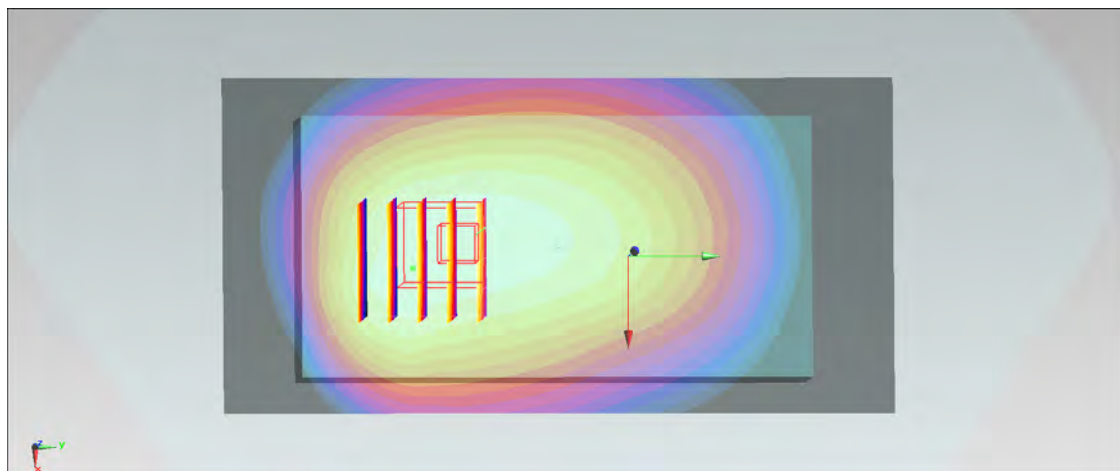
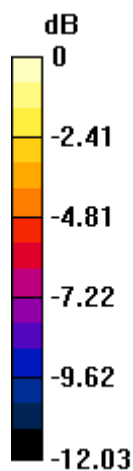
**Configuration/Ch23800/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 1.00 W/kg**Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 32.500 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.609 W/kg**

Maximum value of SAR (measured) = 0.993 W/kg



0 dB = 0.993 W/kg = -0.03 dBW/kg

**#99\_LTE Band 17\_10M\_QPSK\_25RB\_24Offset\_Back\_1cm\_Ch23790;Battery1\_With Scanner****DUT: 322304-07**

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

Medium: MSL\_750\_130626 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.943$  S/m;  $\epsilon_r = 55.554$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.86, 8.86, 8.86); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

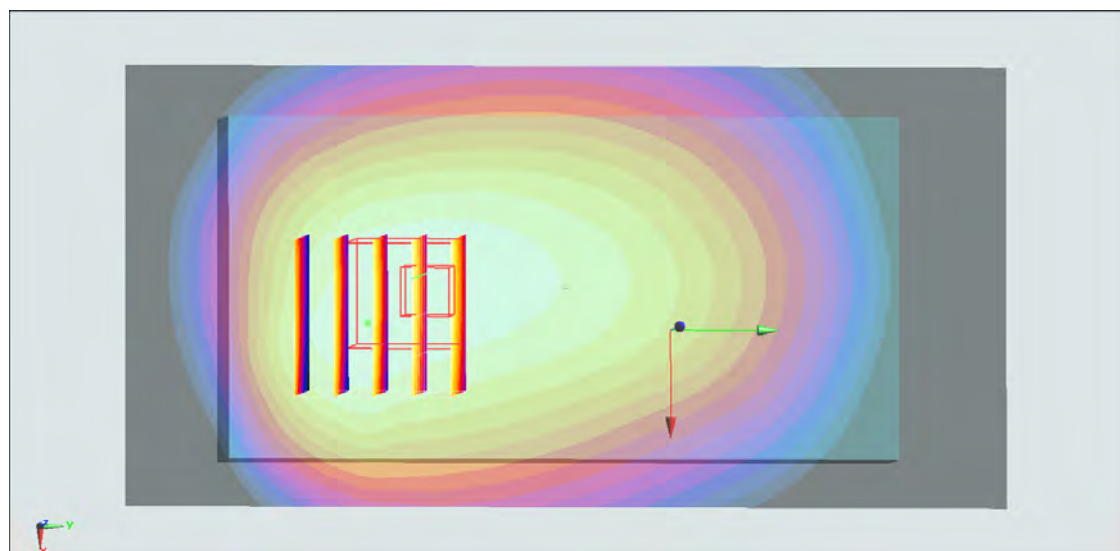
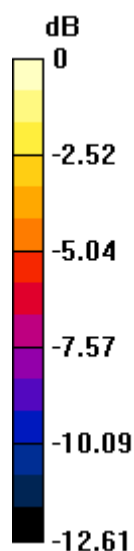
**Configuration/Ch23790/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.752 W/kg**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 27.917 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.830 W/kg

**SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.446 W/kg**

Maximum value of SAR (measured) = 0.727 W/kg



0 dB = 0.727 W/kg = -1.38 dBW/kg

**#100\_LTE Band 17\_10M\_QPSK\_50RB\_0Offset\_Back\_1cm\_Ch23800;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_130626 Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.944$  S/m;  $\epsilon_r = 55.542$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.86, 8.86, 8.86); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

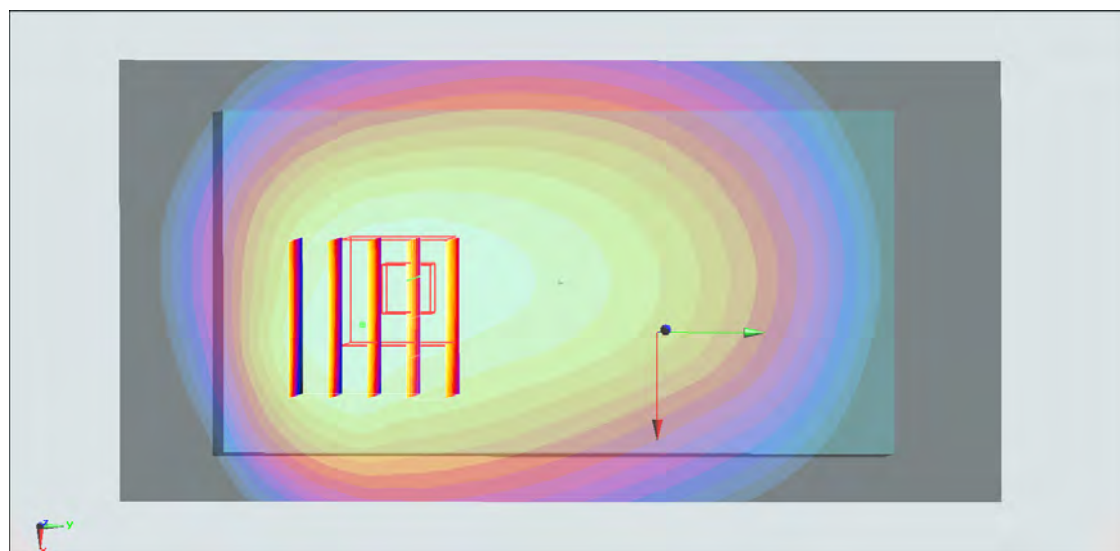
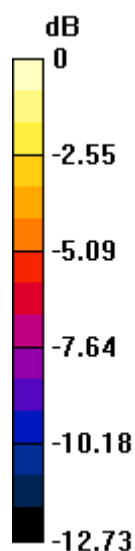
**Configuration/Ch23800/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.724 W/kg**Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 27.017 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.783 W/kg

**SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.417 W/kg**

Maximum value of SAR (measured) = 0.688 W/kg



0 dB = 0.688 W/kg = -1.62 dBW/kg



**#130\_LTE Band 17\_10M\_QPSK\_1RB\_49Offset\_Back\_1.5cm\_Ch23790;Battery1\_With Scanner****DUT: 322304-07**

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

Medium: MSL\_750\_130703 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.935$  S/m;  $\epsilon_r = 55.149$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.86, 8.86, 8.86); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

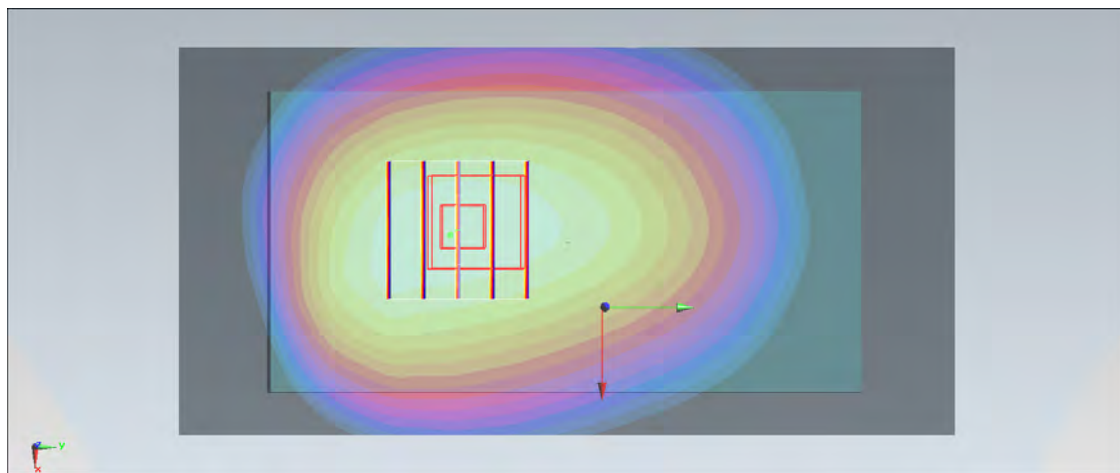
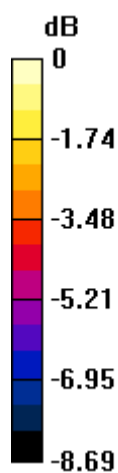
**Configuration/Ch23790/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.701 W/kg**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.507 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.817 W/kg

**SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.487 W/kg**

Maximum value of SAR (measured) = 0.708 W/kg



0 dB = 0.708 W/kg = -1.50 dBW/kg

**#131\_LTE Band 17\_10M\_QPSK\_1RB\_49Offset\_Back\_1.5cm\_Ch23780;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_130703 Medium parameters used:  $f = 709$  MHz;  $\sigma = 0.934$  S/m;  $\epsilon_r = 55.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.86, 8.86, 8.86); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

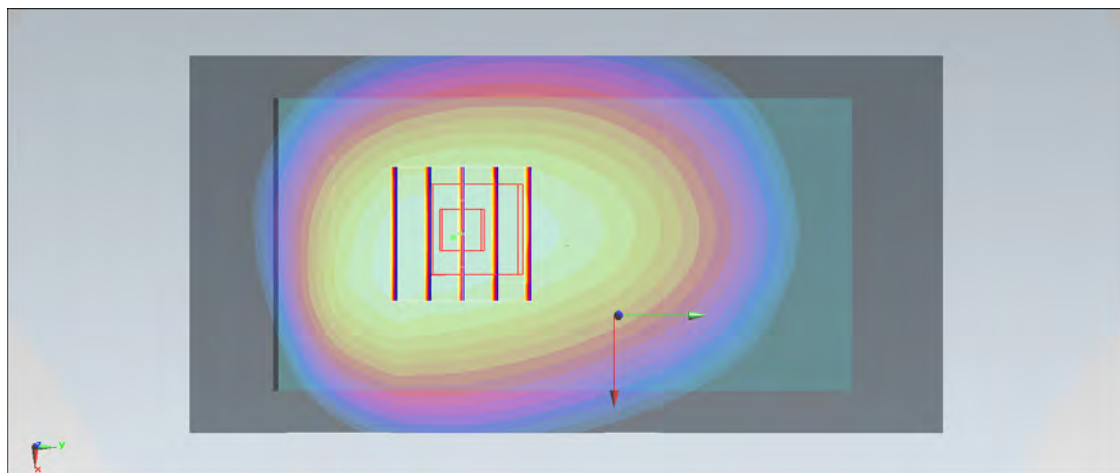
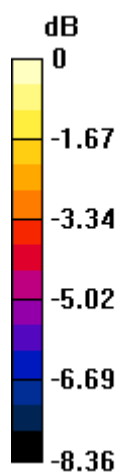
**Configuration/Ch23780/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.673 W/kg**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 26.830 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.777 W/kg

**SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.464 W/kg**

Maximum value of SAR (measured) = 0.672 W/kg



0 dB = 0.672 W/kg = -1.73 dBW/kg



**#132\_LTE Band 17\_10M\_QPSK\_1RB\_49Offset\_Back\_1.5cm\_Ch23800;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_130703 Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.937$  S/m;  $\epsilon_r = 55.14$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.86, 8.86, 8.86); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

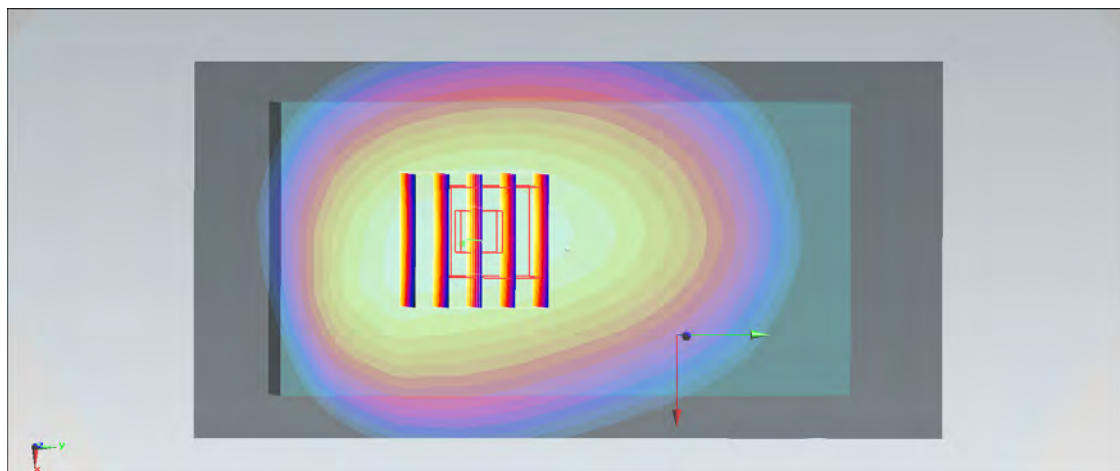
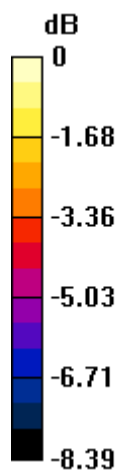
**Configuration/Ch23800/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.722 W/kg**Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.749 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.828 W/kg

**SAR(1 g) = 0.658 W/kg; SAR(10 g) = 0.502 W/kg**

Maximum value of SAR (measured) = 0.723 W/kg



0 dB = 0.723 W/kg = -1.41 dBW/kg

**#133\_LTE Band 17\_10M\_QPSK\_25RB\_24Offset\_Back\_1.5cm\_Ch23790;Battery1\_With Scanner****DUT: 322304-07**

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

Medium: MSL\_750\_130703 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.935$  S/m;  $\epsilon_r = 55.149$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.86, 8.86, 8.86); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

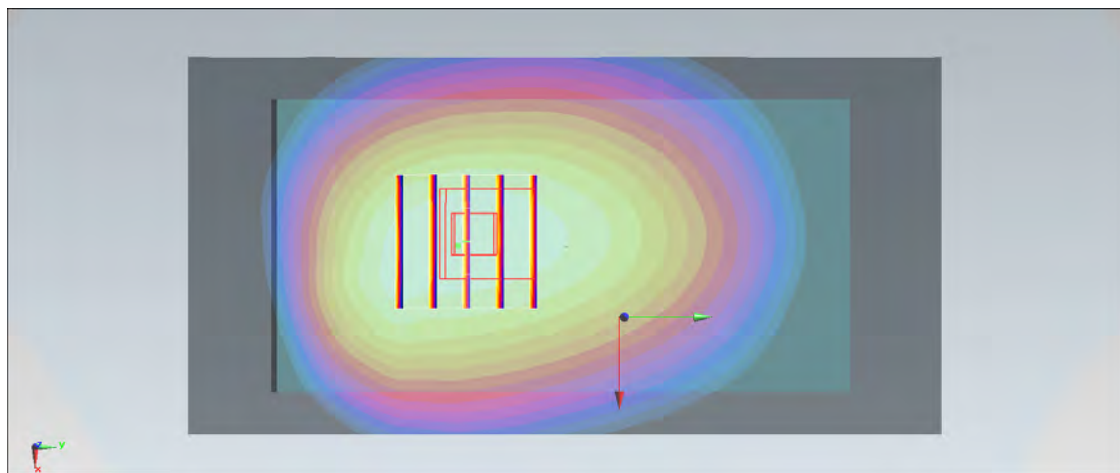
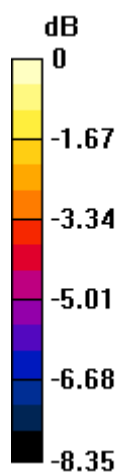
**Configuration/Ch23790/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.511 W/kg**Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 23.334 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.604 W/kg

**SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.357 W/kg**

Maximum value of SAR (measured) = 0.515 W/kg



0 dB = 0.515 W/kg = -2.88 dBW/kg

**#24\_LTE Band 5\_10M\_QPSK\_1RB\_0Offset\_Back\_1cm\_Ch20525;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_130625 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20525/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

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

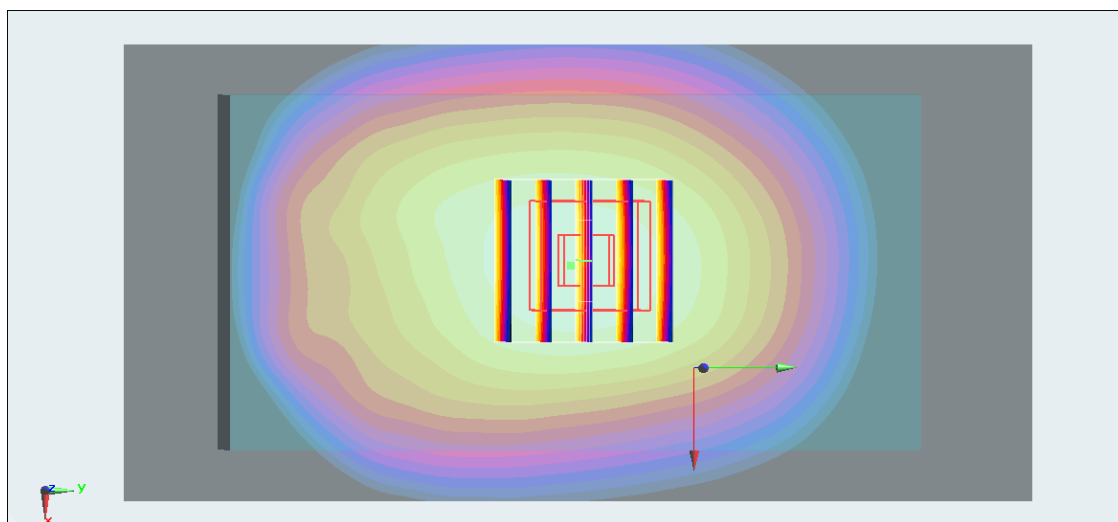
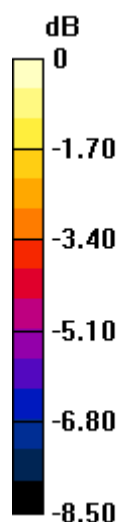
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.024 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.135 mW/g

**SAR(1 g) = 0.891 mW/g; SAR(10 g) = 0.669 mW/g**

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



0 dB = 1.03 mW/g = 0.26 dB mW/g

**#44\_LTE Band 5\_10M\_QPSK\_1RB\_0Offset\_Back\_1cm\_Ch20450;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_130626 Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.969$  S/m;  $\epsilon_r = 52.803$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

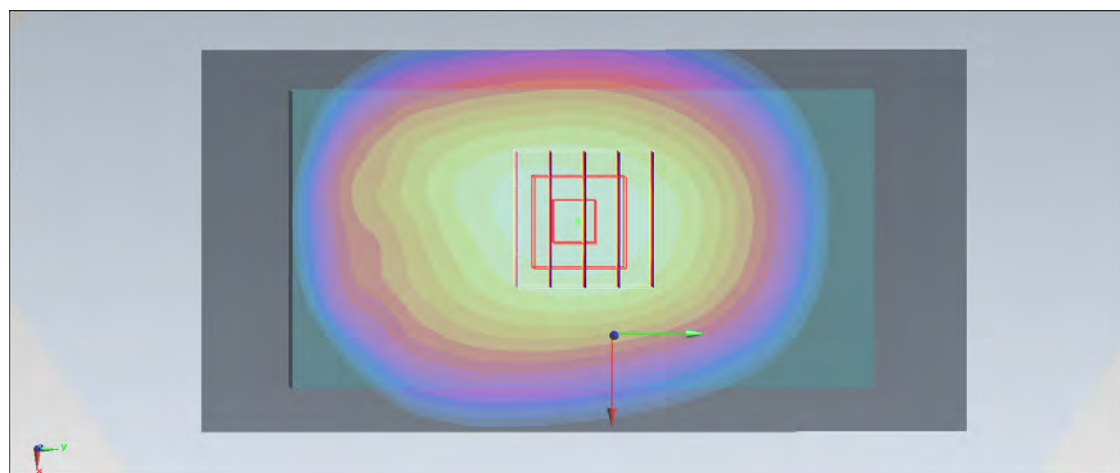
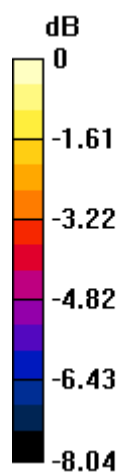
**Configuration/Ch20450/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 1.13 W/kg**Configuration/Ch20450/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 35.155 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.777 W/kg**

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

**#45\_LTE Band 5\_10M\_QPSK\_1RB\_0Offset\_Back\_1cm\_Ch20600;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_130626 Medium parameters used:  $f = 844$  MHz;  $\sigma = 0.984$  S/m;  $\epsilon_r = 52.672$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

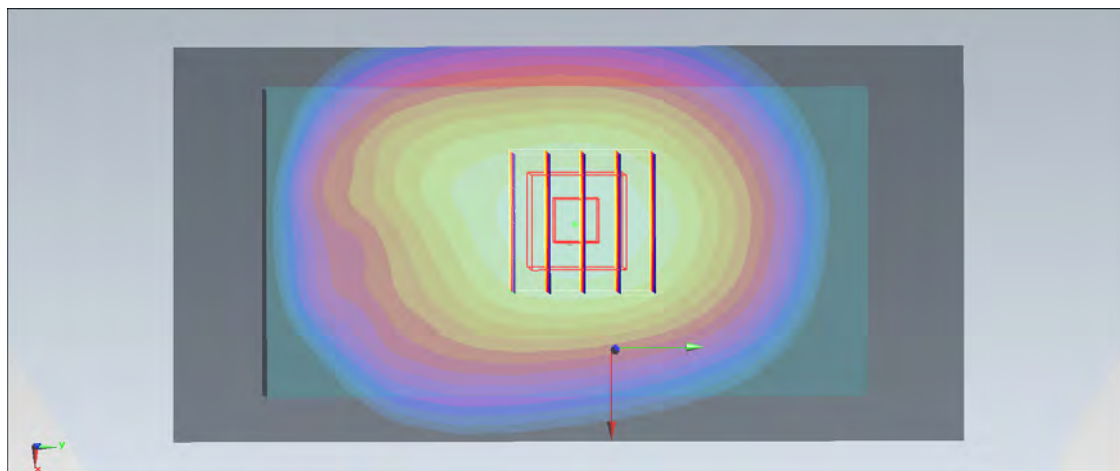
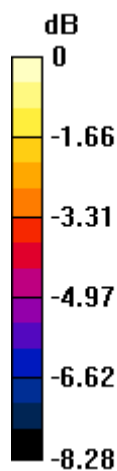
**Configuration/Ch20600/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 1.13 W/kg**Configuration/Ch20600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 35.031 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.763 W/kg**

Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

**#46\_LTE Band 5\_10M\_QPSK\_25RB\_0Offset\_Back\_1cm\_Ch20525;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_130626 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.976$  S/m;  $\epsilon_r = 52.732$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

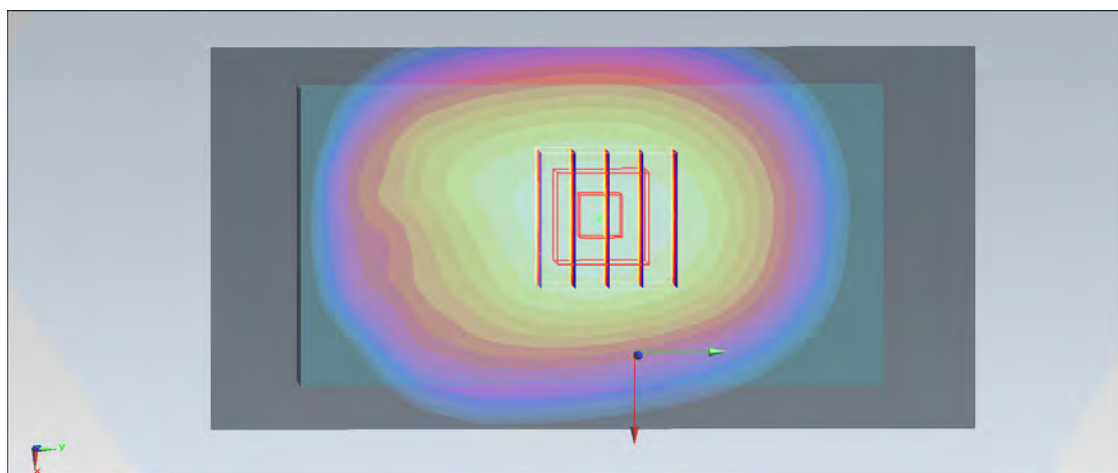
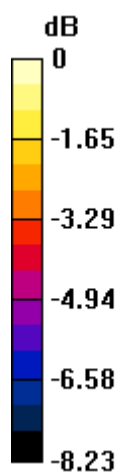
**Configuration/Ch20525/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.793 W/kg**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.341 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.907 W/kg

**SAR(1 g) = 0.718 W/kg; SAR(10 g) = 0.538 W/kg**

Maximum value of SAR (measured) = 0.792 W/kg



0 dB = 0.792 W/kg = -1.01 dBW/kg



**#47\_LTE Band 5\_10M\_QPSK\_50RB\_0Offset\_Back\_1cm\_Ch20450;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_130626 Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.969$  S/m;  $\epsilon_r = 52.803$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

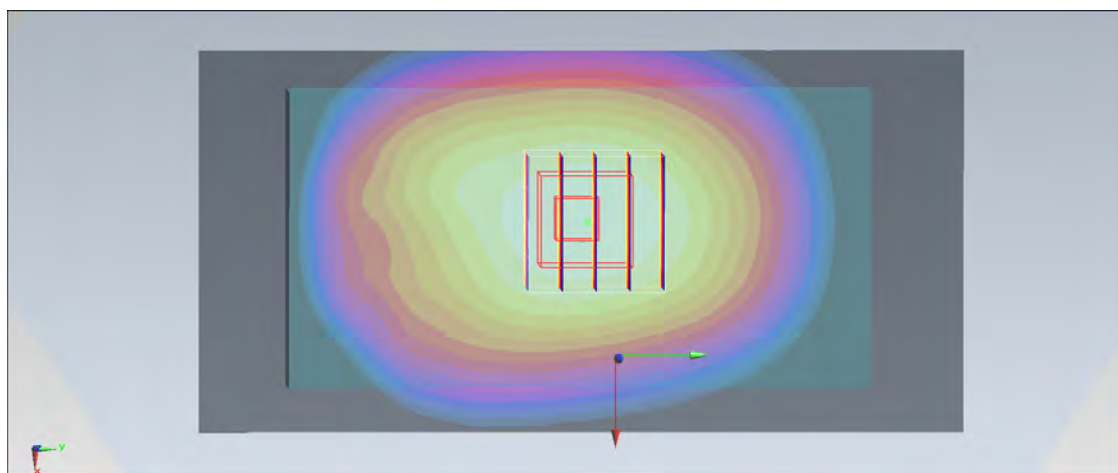
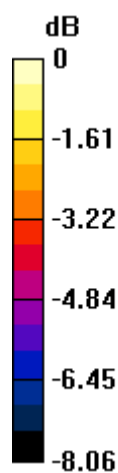
**Configuration/Ch20450/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.719 W/kg**Configuration/Ch20450/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 27.767 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.819 W/kg

**SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.480 W/kg**

Maximum value of SAR (measured) = 0.708 W/kg



0 dB = 0.708 W/kg = -1.50 dBW/kg

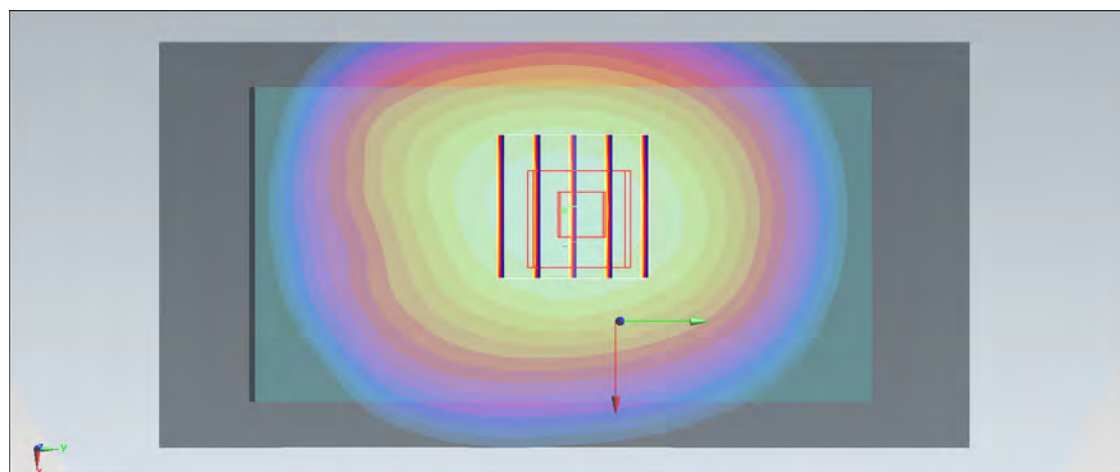
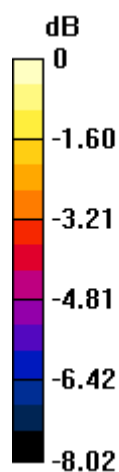
**#121\_LTE Band 5\_10M\_QPSK\_1RB\_0Offset\_Back\_1.5cm\_Ch20525;Battery1\_With Scanner****DUT: 322304-07**

Communication System:LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium: MSL\_850\_130702 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.966$  S/m;  $\epsilon_r = 54.465$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $22.4^\circ\text{C}$ ; Liquid Temperature :  $21.4^\circ\text{C}$ 

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: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch20525/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.745 \text{ W/kg}$ **Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $28.735 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$ Peak SAR (extrapolated) =  $0.867 \text{ W/kg}$ **SAR(1 g) =  $0.680 \text{ W/kg}$ ; SAR(10 g) =  $0.511 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.748 \text{ W/kg}$  $0 \text{ dB} = 0.748 \text{ W/kg} = -1.26 \text{ dBW/kg}$

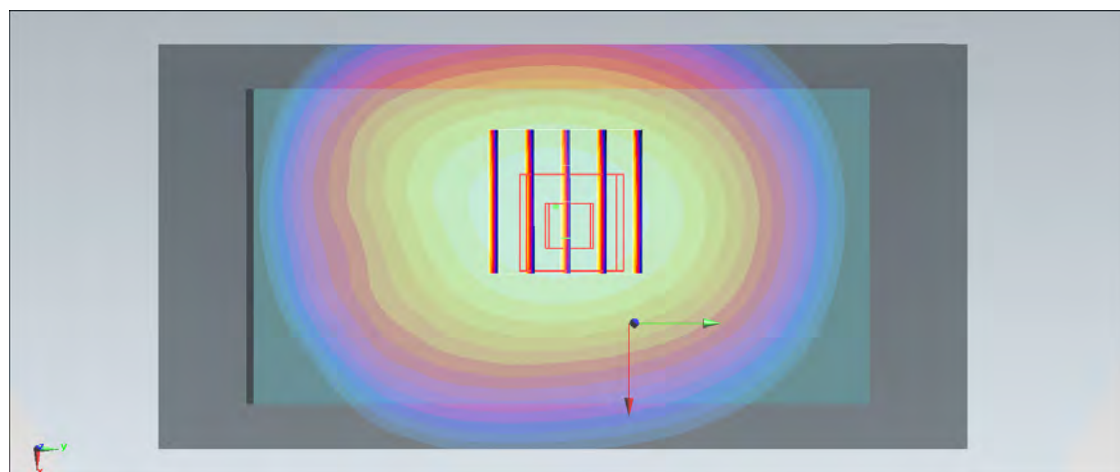
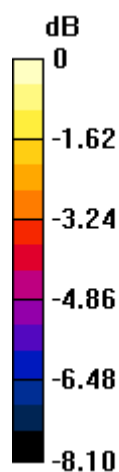
**#122\_LTE Band 5\_10M\_QPSK\_1RB\_0Offset\_Back\_1.5cm\_Ch20450;Battery1\_With Scanner****DUT: 322304-07**

Communication System:LTE; Frequency: 829 MHz;Duty Cycle: 1:1

Medium: MSL\_850\_130702 Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.959$  S/m;  $\epsilon_r = 54.546$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $22.4^\circ\text{C}$ ; Liquid Temperature :  $21.4^\circ\text{C}$ 

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: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch20450/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $0.913 \text{ W/kg}$ **Configuration/Ch20450/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $31.600 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$ Peak SAR (extrapolated) =  $1.03 \text{ W/kg}$ **SAR(1 g) =  $0.823 \text{ W/kg}$ ; SAR(10 g) =  $0.623 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.903 \text{ W/kg}$  $0 \text{ dB} = 0.903 \text{ W/kg} = -0.44 \text{ dBW/kg}$

**#123\_LTE Band 5\_10M\_QPSK\_1RB\_0Offset\_Back\_1.5cm\_Ch20600;Battery1\_With Scanner****DUT: 322304-07**

Communication System:LTE; Frequency: 844 MHz;Duty Cycle: 1:1

Medium: MSL\_850\_130702 Medium parameters used:  $f = 844$  MHz;  $\sigma = 0.972$  S/m;  $\epsilon_r = 54.396$ ;  $\rho =$ 1000 kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °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: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

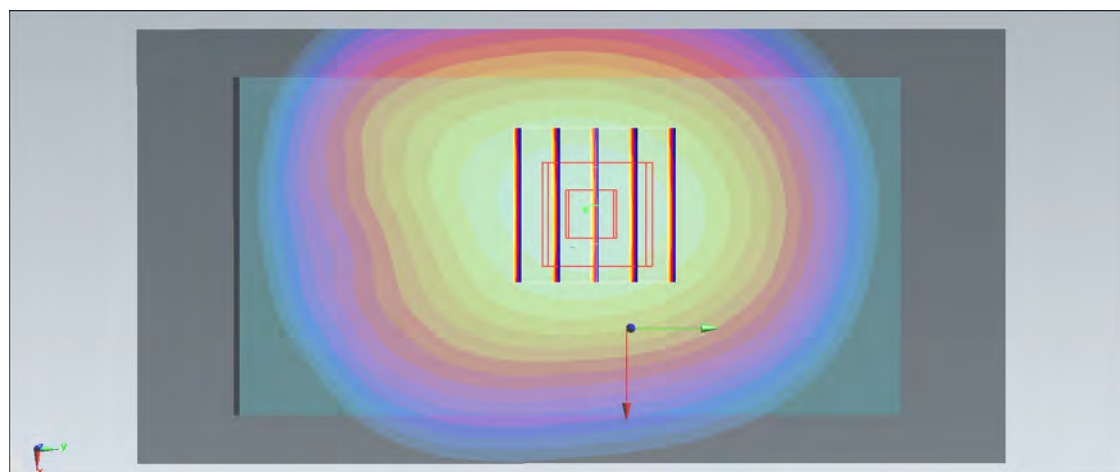
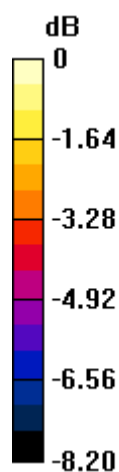
**Configuration/Ch20600/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.874 W/kg**Configuration/Ch20600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.916 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.789 W/kg; SAR(10 g) = 0.590 W/kg**

Maximum value of SAR (measured) = 0.877 W/kg



0 dB = 0.877 W/kg = -0.57 dBW/kg

**#134\_LTE Band 5\_10M\_QPSK\_25RB\_0Offset\_Back\_1.5cm\_Ch20525;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_130702 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.966$  S/m;  $\epsilon_r = 54.465$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °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: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

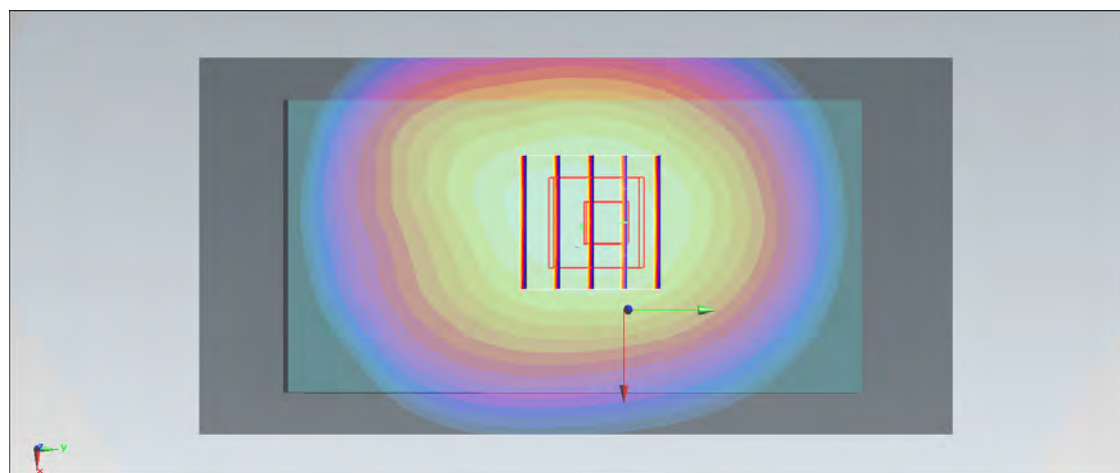
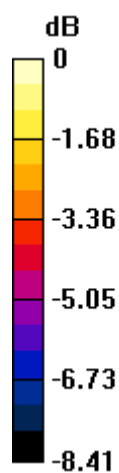
**Configuration/Ch20525/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.664 W/kg**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 26.842 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.767 W/kg

**SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.447 W/kg**

Maximum value of SAR (measured) = 0.663 W/kg



0 dB = 0.663 W/kg = -1.78 dBW/kg

**#136\_LTE Band 5\_10M\_QPSK\_50RB\_0Offset\_Back\_1.5cm\_Ch20450;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_130702 Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.959$  S/m;  $\epsilon_r = 54.546$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °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: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

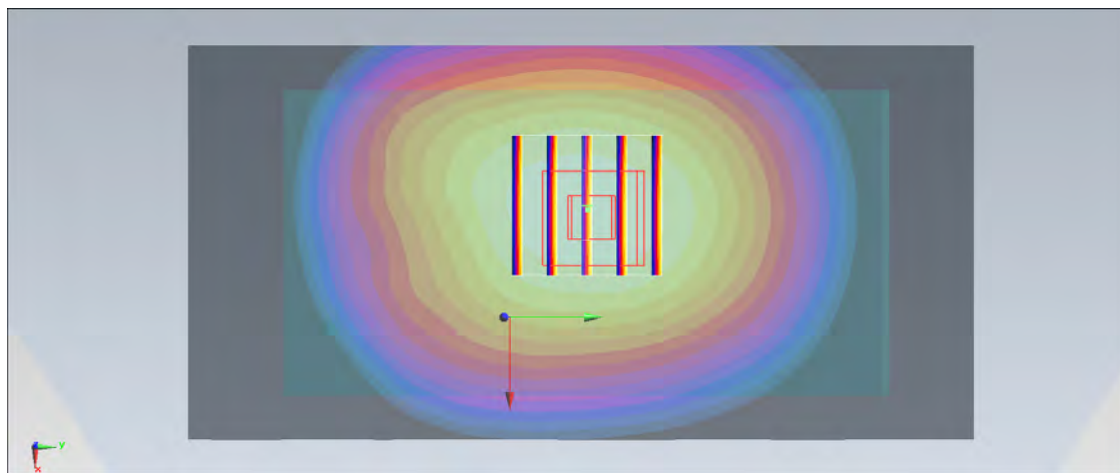
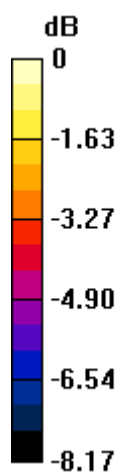
**Configuration/Ch20450/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.618 W/kg**Configuration/Ch20450/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.527 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.725 W/kg

**SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.427 W/kg**

Maximum value of SAR (measured) = 0.628 W/kg



0 dB = 0.628 W/kg = -2.02 dBW/kg



**#26\_LTE Band 4\_10M\_QPSK\_1RB\_0Offset\_Front\_1cm\_Ch20175;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130625 Medium parameters used :  $f = 1732.5$  MHz;  $\sigma = 1.508$  mho/m;  $\epsilon_r = 51.786$ ; $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.61, 7.61, 7.61); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.412 mW/g

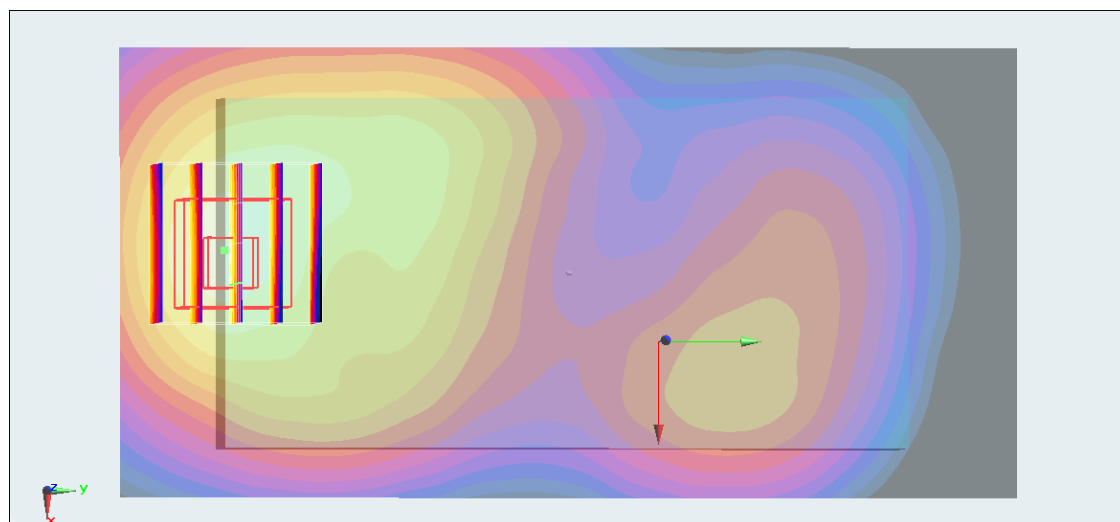
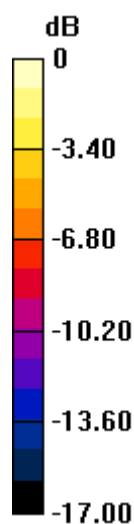
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.489 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.549 mW/g

**SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.199 mW/g**

Maximum value of SAR (measured) = 0.446 mW/g



0 dB = 0.446 mW/g = -7.01 dB mW/g

**#23\_LTE Band 4\_10M\_QPSK\_1RB\_0Offset\_Back\_1cm\_Ch20175;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130625 Medium parameters used :  $f = 1732.5$  MHz;  $\sigma = 1.508$  mho/m;  $\epsilon_r = 51.786$ ; $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.61, 7.61, 7.61); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.36 mW/g

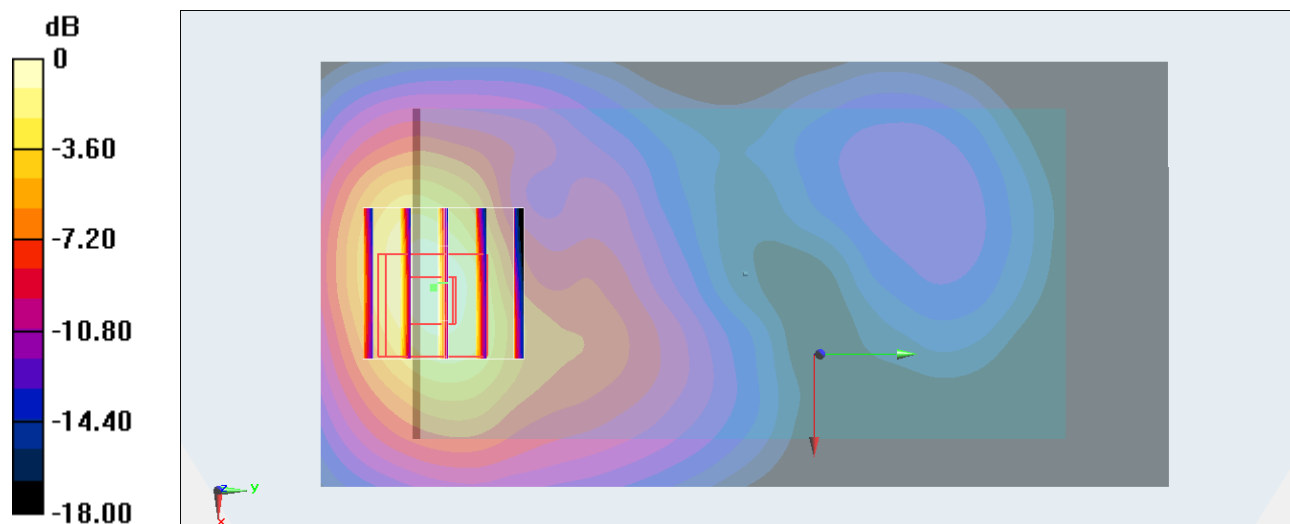
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.660 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.762 mW/g

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.612 mW/g**

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



0 dB = 1.42 mW/g = 3.05 dB mW/g

**#27\_LTE Band 4\_10M\_QPSK\_1RB\_0Offset\_Left Side\_1cm\_Ch20175;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130625 Medium parameters used :  $f = 1732.5$  MHz;  $\sigma = 1.508$  mho/m;  $\epsilon_r = 51.786$ ; $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.61, 7.61, 7.61); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (41x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0759 mW/g

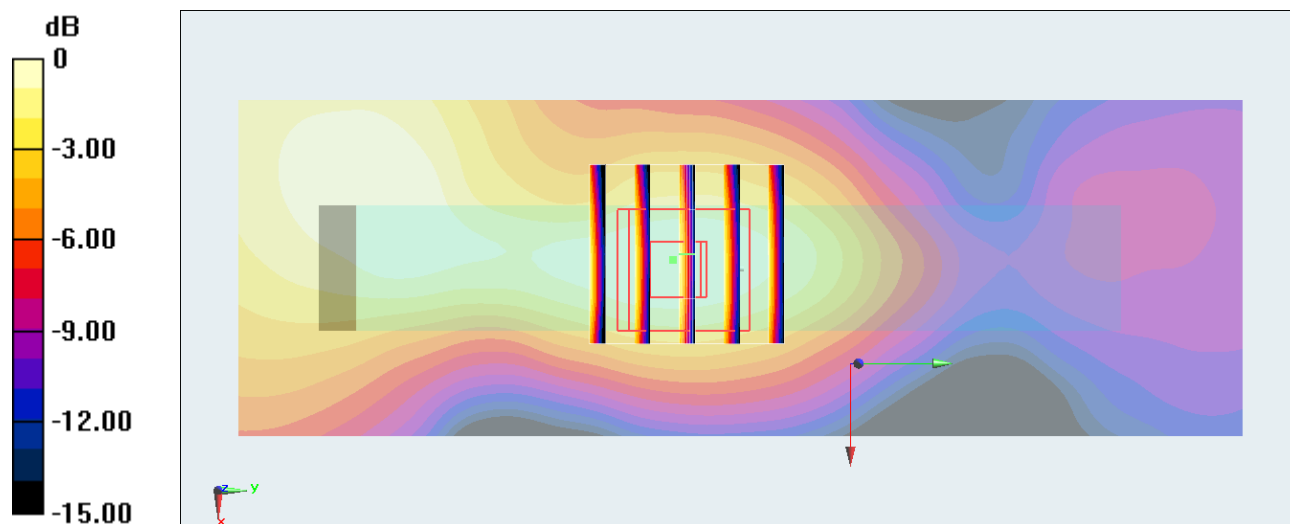
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.081 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.091 mW/g

**SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.034 mW/g**

Maximum value of SAR (measured) = 0.0735 mW/g



**#28\_LTE Band 4\_10M\_QPSK\_1RB\_0Offset\_Right Side\_1cm\_Ch20175;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130625 Medium parameters used :  $f = 1732.5$  MHz;  $\sigma = 1.508$  mho/m;  $\epsilon_r = 51.786$ ; $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.61, 7.61, 7.61); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (41x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.135 mW/g

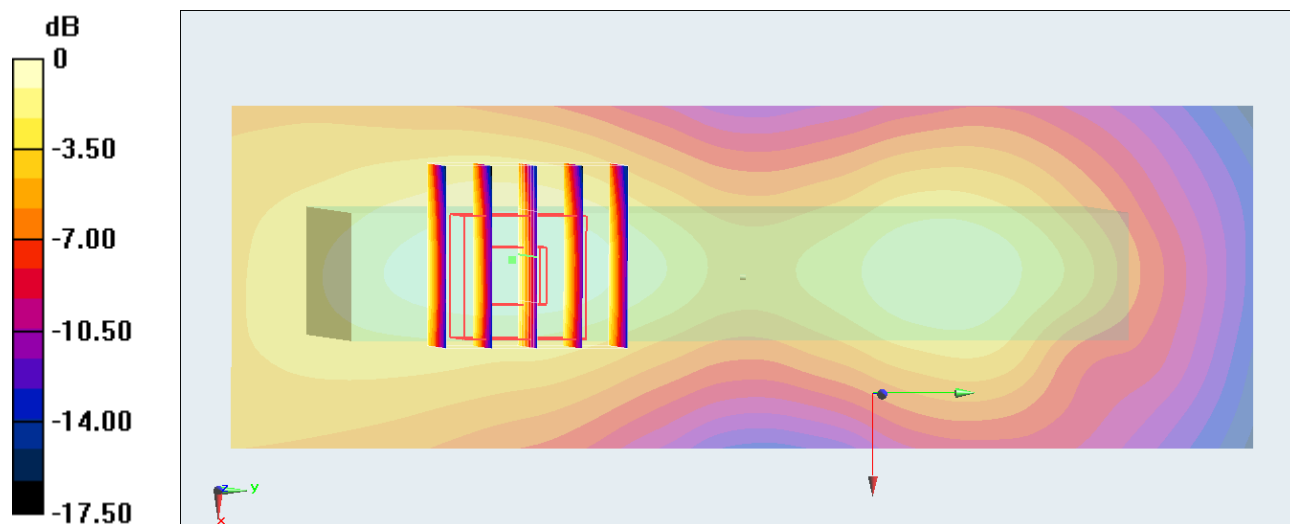
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.687 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.168 mW/g

**SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.064 mW/g**

Maximum value of SAR (measured) = 0.130 mW/g



**#29\_LTE Band 4\_10M\_QPSK\_1RB\_0Offset\_Bottom  
Side\_1cm\_Ch20175;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130625 Medium parameters used :  $f = 1732.5$  MHz;  $\sigma = 1.508$  mho/m;  $\epsilon_r = 51.786$ ; $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.61, 7.61, 7.61); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (41x71x1):** Measurement grid: dx=15mm, dy=15mm

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

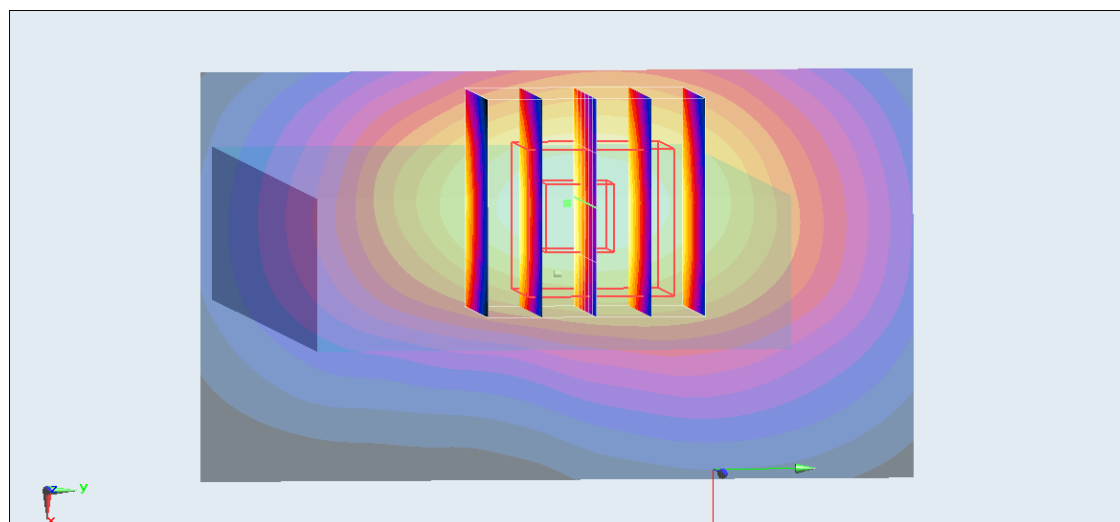
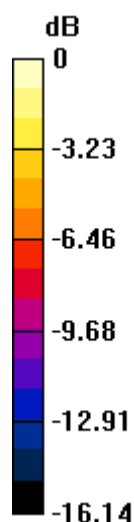
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.053 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.376 mW/g

**SAR(1 g) = 0.829 mW/g; SAR(10 g) = 0.465 mW/g**

Maximum value of SAR (measured) = 1.06 mW/g



0 dB = 1.06 mW/g = 0.51 dB mW/g

**#30\_LTE Band 4\_10M\_QPSK\_1RB\_0Offset\_Back\_1cm\_Ch20175;Battery2\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130625 Medium parameters used :  $f = 1732.5$  MHz;  $\sigma = 1.508$  mho/m;  $\epsilon_r = 51.786$ ; $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.61, 7.61, 7.61); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.602 mW/g

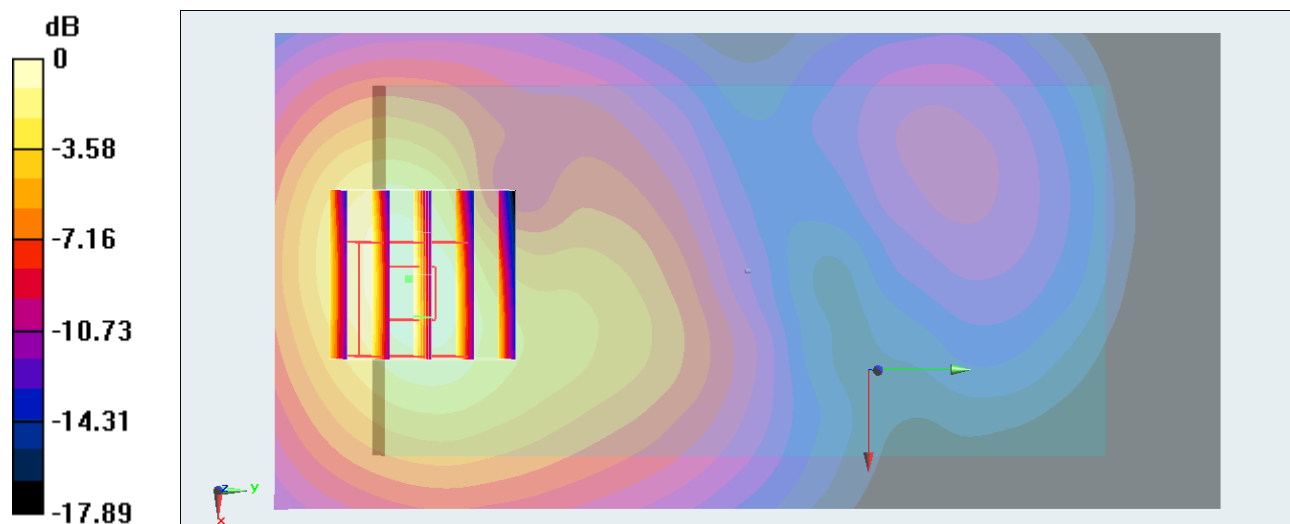
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.302 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.727 mW/g

**SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.279 mW/g**

Maximum value of SAR (measured) = 0.589 mW/g



0 dB = 0.589 mW/g = -4.60 dB mW/g



**#31\_LTE Band 4\_10M\_QPSK\_1RB\_0Offset\_Back\_1cm\_Ch20175;Battery1\_Without Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130625 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.508$  mho/m;  $\epsilon_r = 51.786$ ; $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.61, 7.61, 7.61); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.54 mW/g

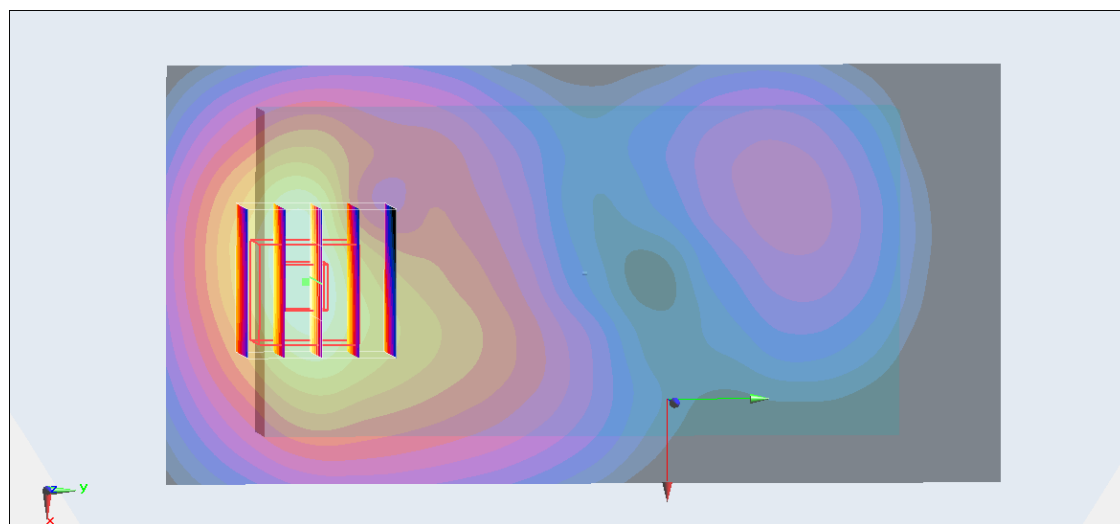
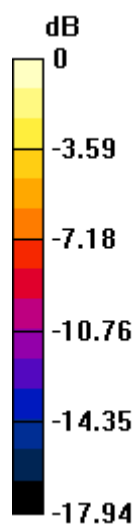
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.404 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.733 mW/g

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.597 mW/g**

Maximum value of SAR (measured) = 1.41 mW/g



0 dB = 1.41 mW/g = 2.98 dB mW/g

**#32\_LTE Band 4\_10M\_QPSK\_1RB\_0Offset\_Back\_1cm\_Ch20000;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130625 Medium parameters used:  $f = 1715$  MHz;  $\sigma = 1.491$  mho/m;  $\epsilon_r = 51.844$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.61, 7.61, 7.61); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

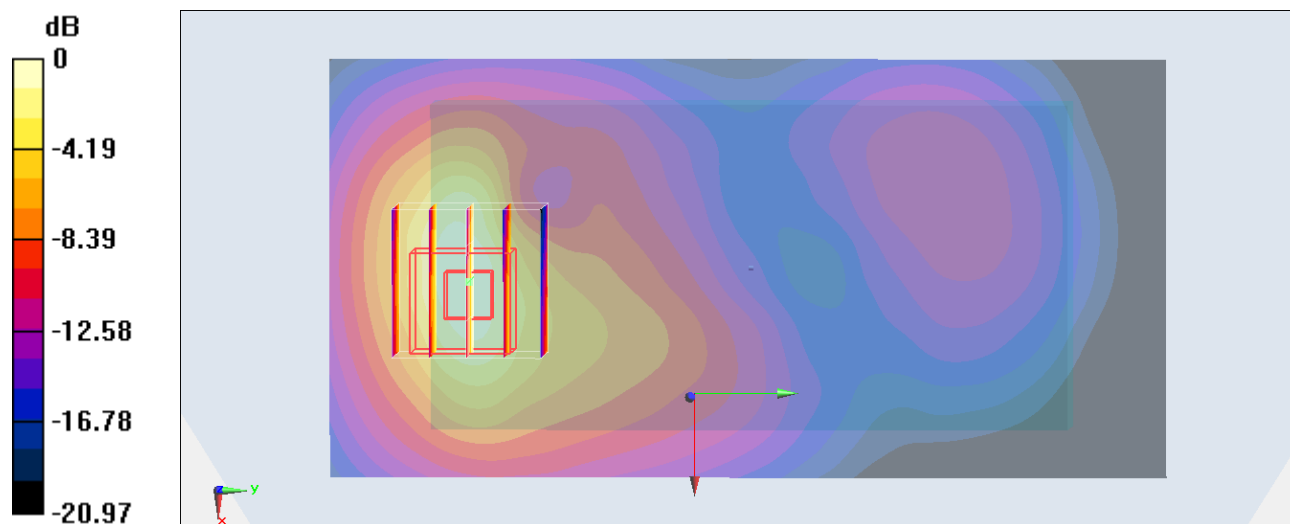
**Configuration/Ch20000/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.54 mW/g**Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.183 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.892 mW/g

**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.653 mW/g**

Maximum value of SAR (measured) = 1.53 mW/g



0 dB = 1.53 mW/g = 3.69 dB mW/g

**#33\_LTE Band 4\_10M\_QPSK\_1RB\_0Offset\_Back\_1cm\_Ch20350;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130625 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.525$  mho/m;  $\epsilon_r = 51.728$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.61, 7.61, 7.61); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

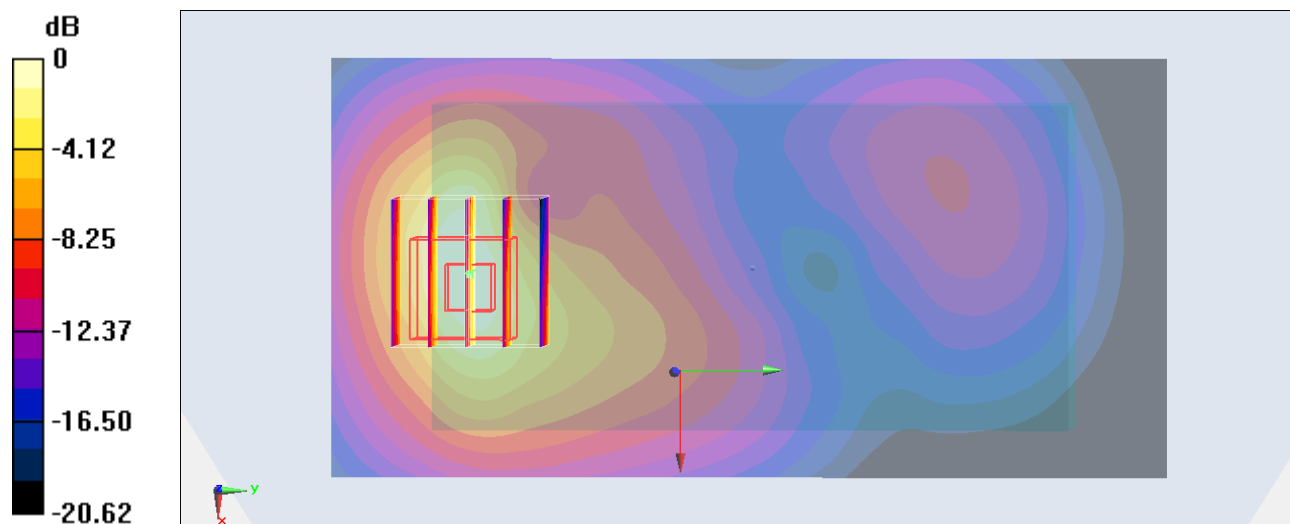
**Configuration/Ch20350/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.37 mW/g**Configuration/Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.719 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.674 mW/g

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.573 mW/g**

Maximum value of SAR (measured) = 1.36 mW/g



0 dB = 1.36 mW/g = 2.67 dB mW/g

**#40\_LTE Band 4\_10M\_QPSK\_25RB\_12Offset\_Back\_1cm\_Ch20175;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130625 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.508$  mho/m;  $\epsilon_r = 51.786$ ; $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.61, 7.61, 7.61); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

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

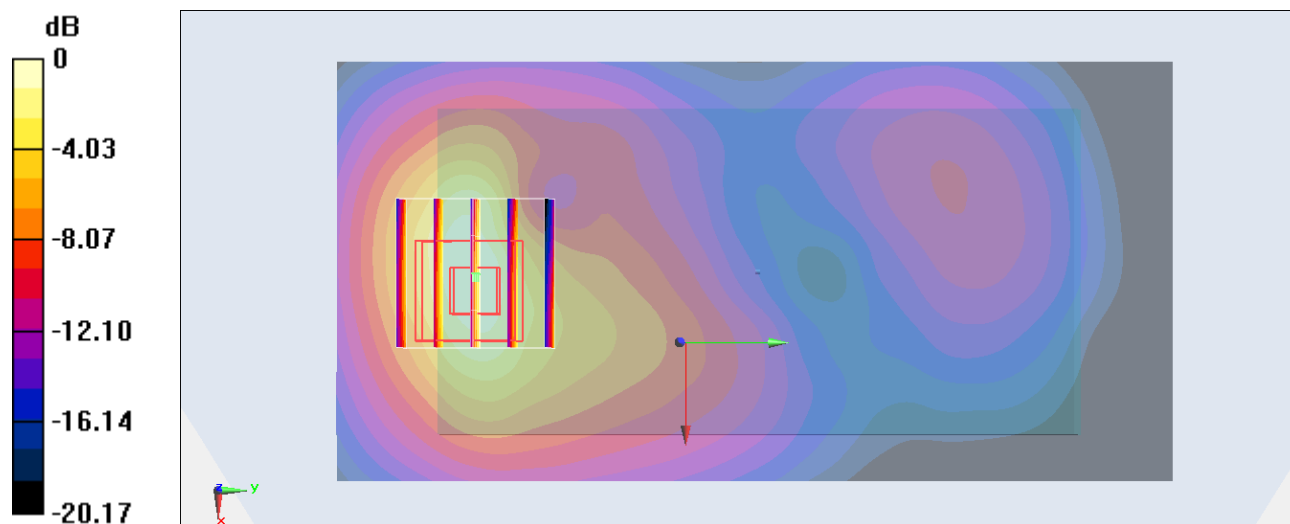
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.013 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.590 mW/g

**SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.536 mW/g**

Maximum value of SAR (measured) = 1.29 mW/g



0 dB = 1.29 mW/g = 2.21 dB mW/g

**#41\_LTE Band 4\_10M\_QPSK\_25RB\_12Offset\_Back\_1cm\_Ch20000;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130625 Medium parameters used:  $f = 1715$  MHz;  $\sigma = 1.491$  mho/m;  $\epsilon_r = 51.844$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.61, 7.61, 7.61); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

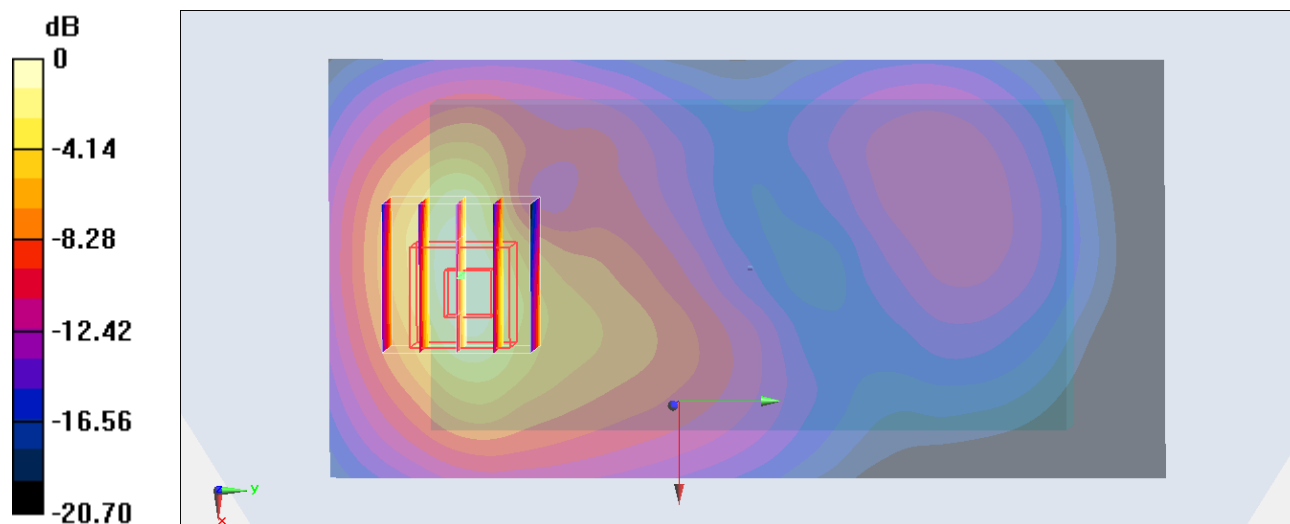
**Configuration/Ch20000/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.48 mW/g**Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.948 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.802 mW/g

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.613 mW/g**

Maximum value of SAR (measured) = 1.46 mW/g



0 dB = 1.46 mW/g = 3.29 dB mW/g

**#42\_LTE Band 4\_10M\_QPSK\_25RB\_12Offset\_Back\_1cm\_Ch20350;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130625 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.525$  mho/m;  $\epsilon_r = 51.728$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.61, 7.61, 7.61); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

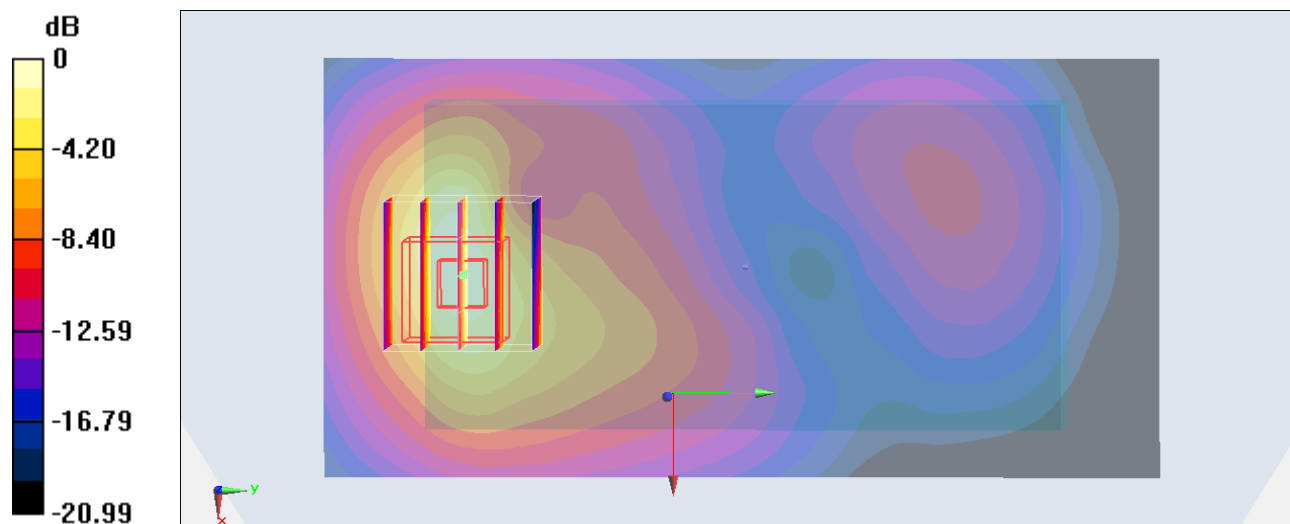
**Configuration/Ch20350/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.31 mW/g**Configuration/Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.249 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.687 mW/g

**SAR(1 g) = 1 mW/g; SAR(10 g) = 0.545 mW/g**

Maximum value of SAR (measured) = 1.37 mW/g



0 dB = 1.37 mW/g = 2.73 dB mW/g



**#43\_LTE Band 4\_10M\_QPSK\_50RB\_0Offset\_Back\_1cm\_Ch20000;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130625 Medium parameters used:  $f = 1715$  MHz;  $\sigma = 1.491$  mho/m;  $\epsilon_r = 51.844$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.61, 7.61, 7.61); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

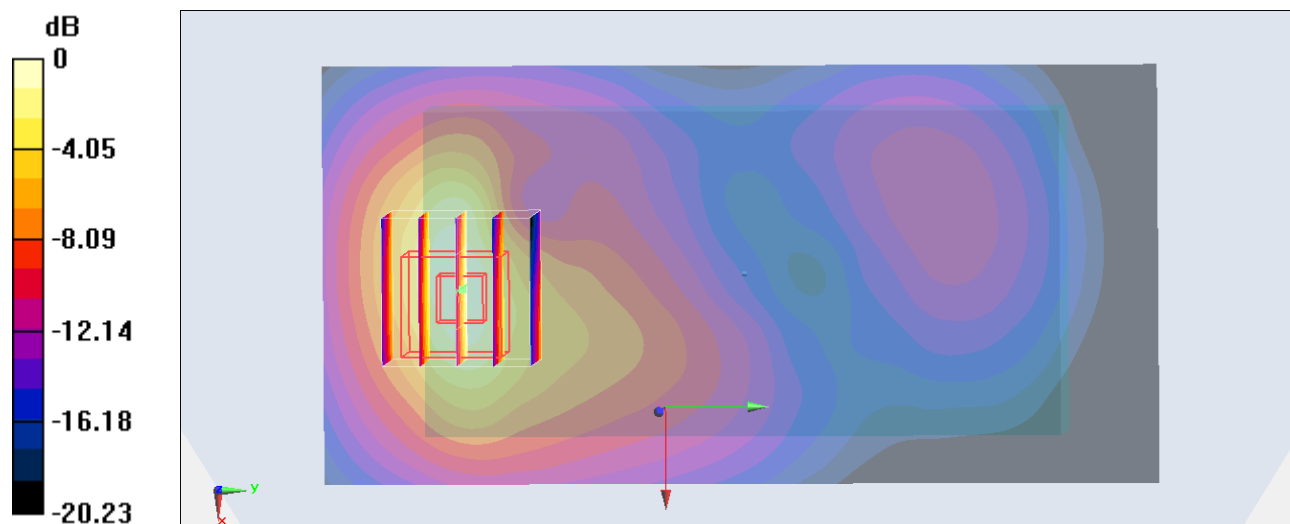
**Configuration/Ch20000/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.44 mW/g**Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.875 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.771 mW/g

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.596 mW/g**

Maximum value of SAR (measured) = 1.44 mW/g



$$0 \text{ dB} = 1.39 \text{ W/kg} = 1.43 \text{ dBW/kg}$$

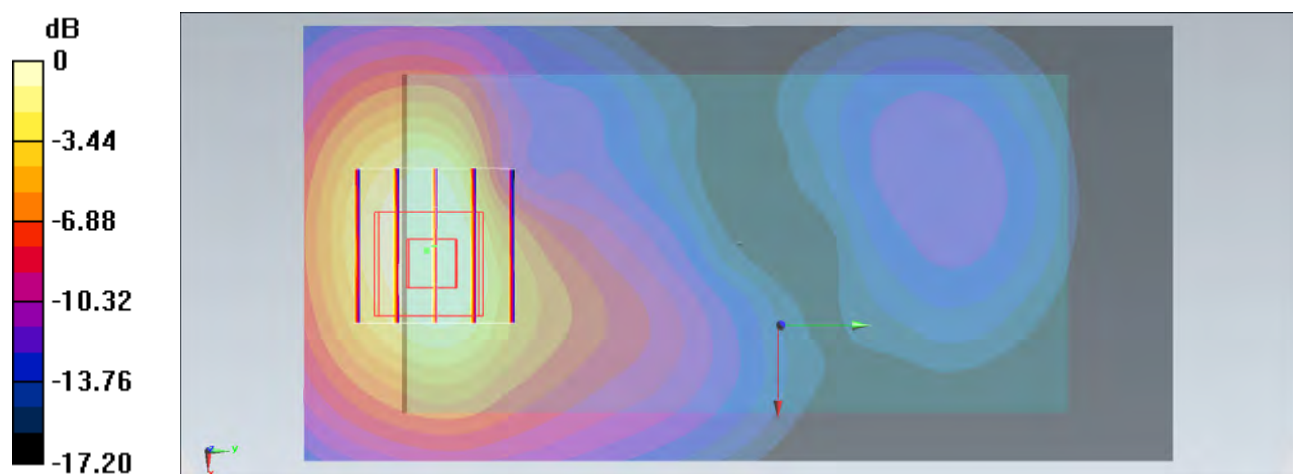
**#128\_LTE Band 4\_QPSK\_10M\_1RB\_0Offset\_Back\_1.5cm\_Ch20000;Battery1\_With Scanner****DUT: 322304-07**

Communication System:LTE; Frequency: 1715 MHz;Duty Cycle: 1:1

Medium: MSL\_1750\_130702 Medium parameters used:  $f = 1715$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 51.87$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $22.3^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$ 

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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch20000/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $1.73 \text{ W/kg}$ **Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $34.429 \text{ V/m}$ ; Power Drift =  $-0.10 \text{ dB}$ Peak SAR (extrapolated) =  $1.83 \text{ W/kg}$ **SAR(1 g) =  $1.19 \text{ W/kg}$ ; SAR(10 g) =  $0.710 \text{ W/kg}$** Maximum value of SAR (measured) =  $1.40 \text{ W/kg}$  $0 \text{ dB} = 1.40 \text{ W/kg} = 1.46 \text{ dBW/kg}$

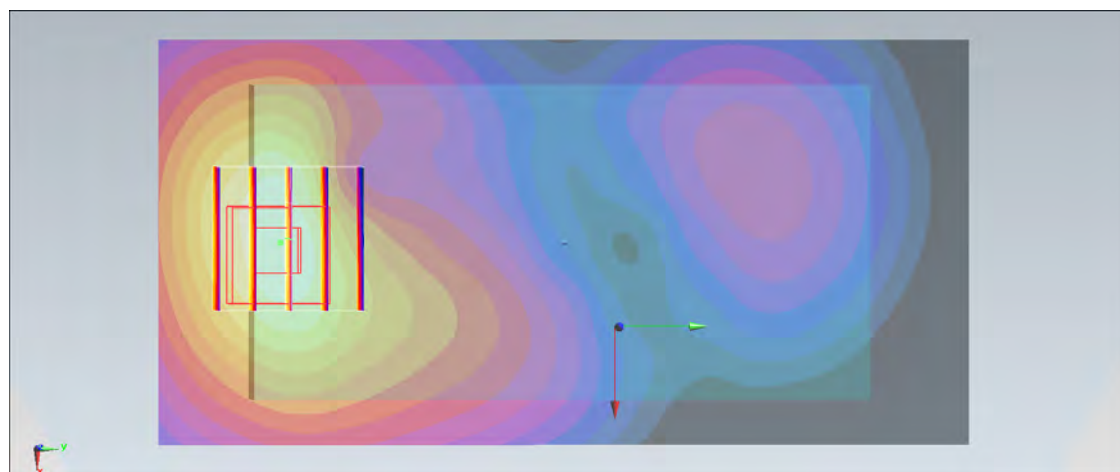
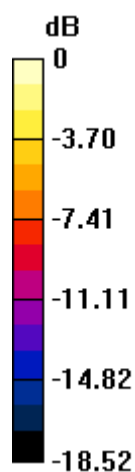
**#129\_LTE Band 4\_QPSK\_10M\_1RB\_0Offset\_Back\_1.5cm\_Ch20350;Battery1\_With Scanner****DUT: 322304-07**

Communication System:LTE; Frequency: 1750 MHz;Duty Cycle: 1:1

Medium: MSL\_1750\_130702 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.528$  S/m;  $\epsilon_r = 51.762$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $22.3^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$ 

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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch20350/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $1.36 \text{ W/kg}$ **Configuration/Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $31.018 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$ Peak SAR (extrapolated) =  $1.76 \text{ W/kg}$ **SAR(1 g) =  $1.12 \text{ W/kg}$ ; SAR(10 g) =  $0.659 \text{ W/kg}$** Maximum value of SAR (measured) =  $1.32 \text{ W/kg}$  $0 \text{ dB} = 1.32 \text{ W/kg} = 1.21 \text{ dBW/kg}$

**#135\_LTE Band 4\_QPSK\_10M\_1RB\_0Offset\_Back\_0cm\_Ch20175;Battery1\_With Scanner\_Holster****DUT: 322304-07**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130702 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 51.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

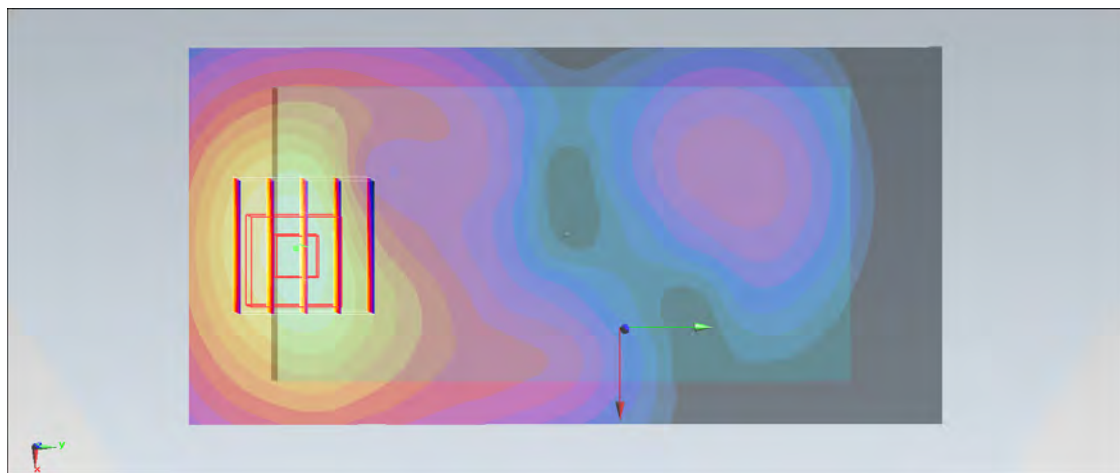
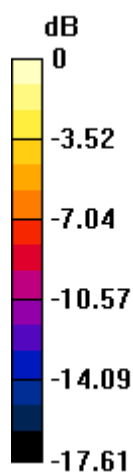
**Configuration/Ch20175/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.09 W/kg**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.851 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.910 W/kg; SAR(10 g) = 0.542 W/kg**

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

**#137\_LTE Band 4\_QPSK\_10M\_25RB\_24Offset\_Back\_1.5cm\_Ch20175;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130702 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 51.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

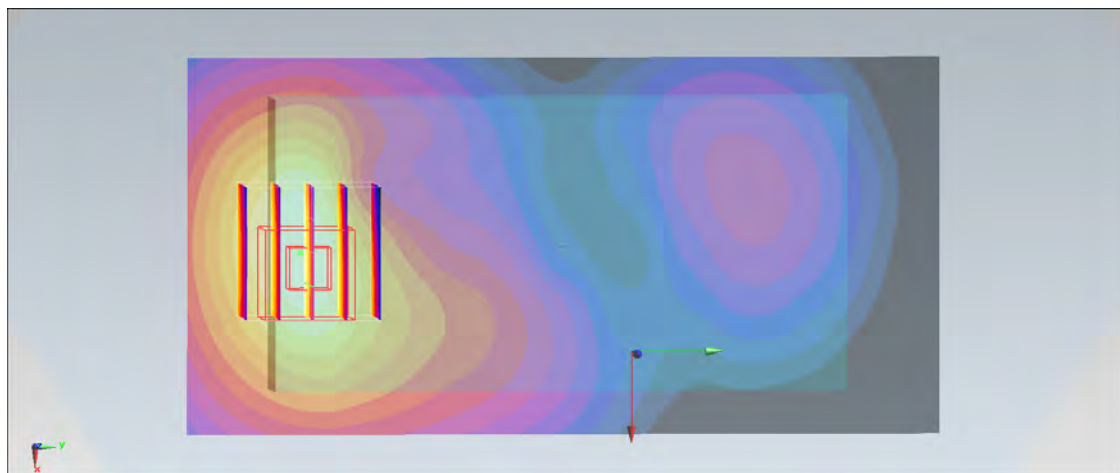
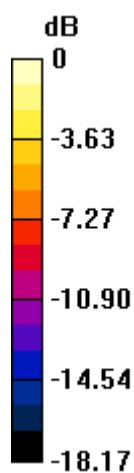
**Configuration/Ch20175/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.09 W/kg**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.839 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.509 W/kg**

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

**#138\_LTE Band 4\_QPSK\_10M\_25RB\_24Offset\_Back\_1.5cm\_Ch20000;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130702 Medium parameters used:  $f = 1715$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 51.87$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

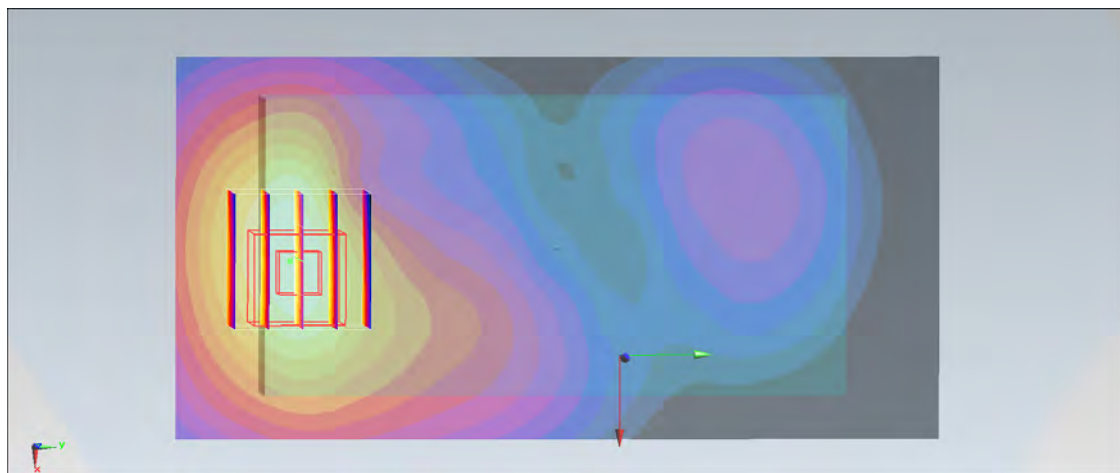
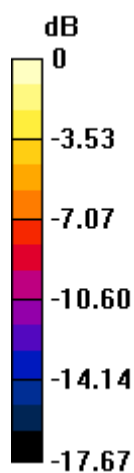
**Configuration/Ch20000/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 1.28 W/kg**Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 30.062 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.64 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.615 W/kg**

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg



**#139\_LTE Band 4\_QPSK\_10M\_25RB\_24Offset\_Back\_1.5cm\_Ch20350;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130702 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.528$  S/m;  $\epsilon_r = 51.762$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

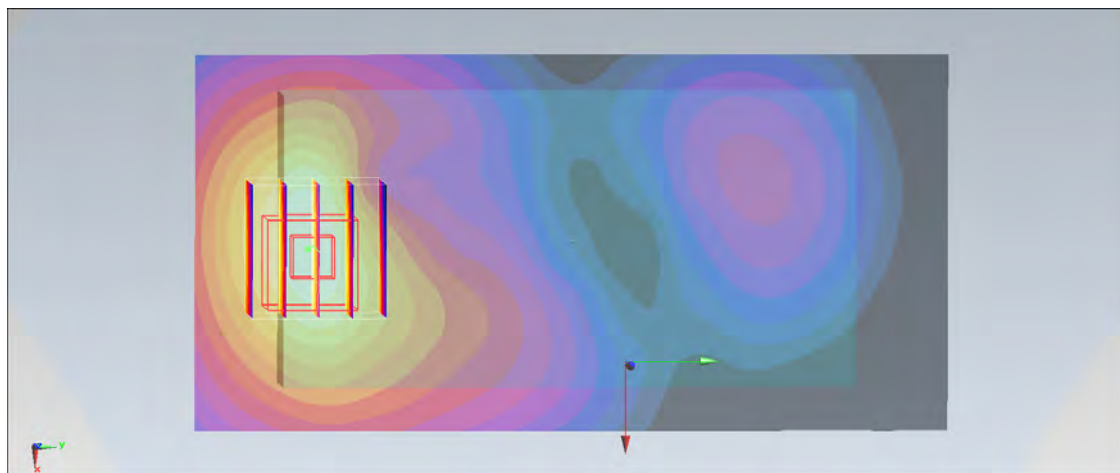
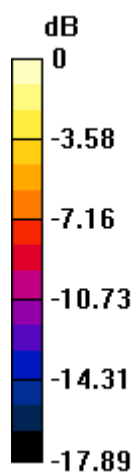
**Configuration/Ch20350/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 1.07 W/kg**Configuration/Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 27.192 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.517 W/kg**

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

**#140\_LTE Band 4\_QPSK\_10M\_50RB\_0Offset\_Back\_1.5cm\_Ch20000;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130702 Medium parameters used:  $f = 1715$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 51.87$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

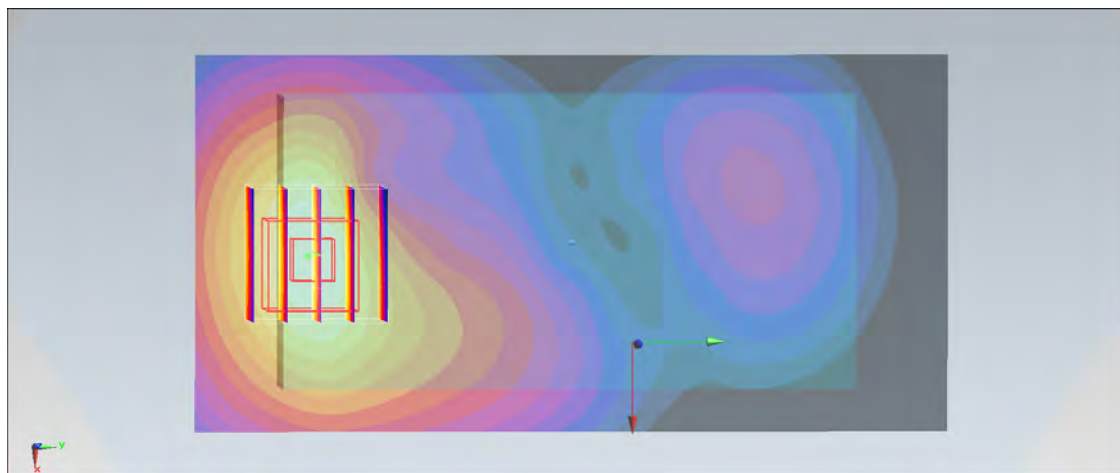
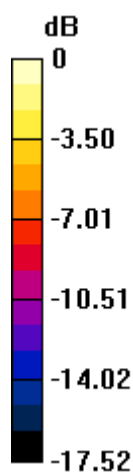
**Configuration/Ch20000/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 1.26 W/kg**Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 29.780 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.584 W/kg**

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

**#141\_LTE Band 4\_QPSK\_10M\_1RB\_0Offset\_Back\_1.5cm\_Ch20175;Battery1\_With Scanner\_Headset****DUT: 322304-07**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130702 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 51.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

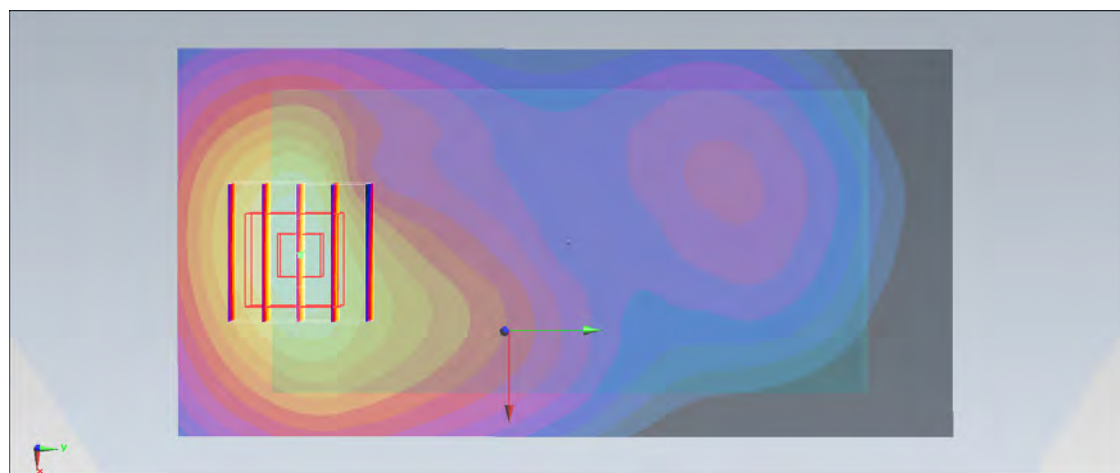
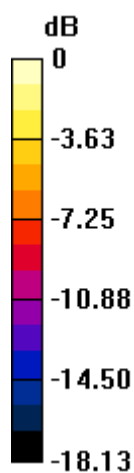
**Configuration/Ch20175/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.41 W/kg**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.329 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.77 W/kg

**SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.662 W/kg**

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

**#142\_LTE Band 4\_10M\_QPSK\_1RB\_0Offset\_Back\_1.5cm\_Ch20000;Battery1\_With Scanner\_Headset****DUT: 322304-07**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130702 Medium parameters used:  $f = 1715$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 51.87$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

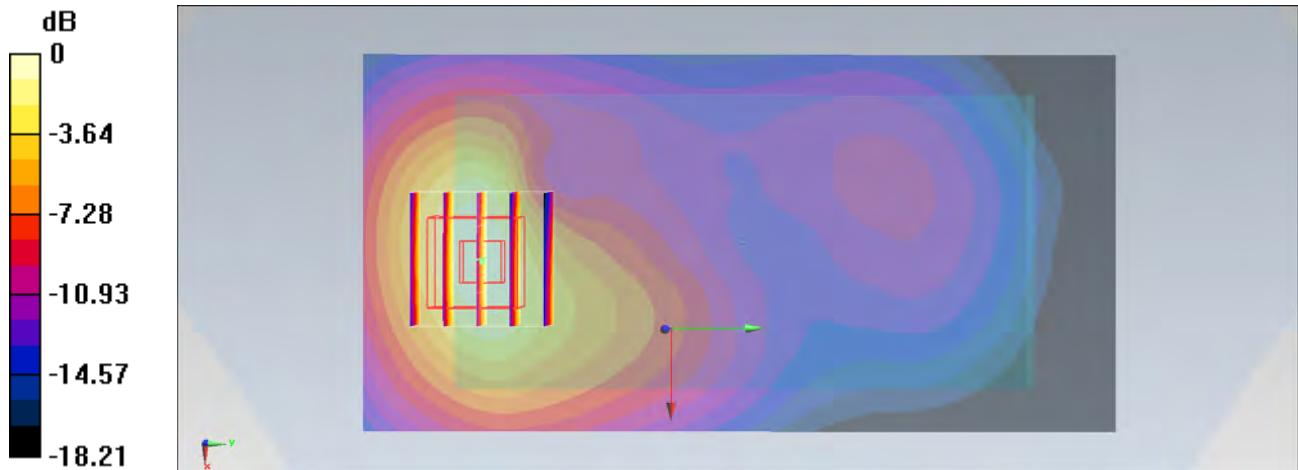
**Configuration/Ch20000/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 1.44 W/kg**Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 32.372 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.705 W/kg**

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

**#148\_LTE Band 4\_10M\_QPSK\_1RB\_0Offset\_Back\_1.5cm\_Ch20000;Battery1\_With Scanner\_Headset\_Repeat****DUT: 322304-07**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130702 Medium parameters used:  $f = 1715$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 51.87$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

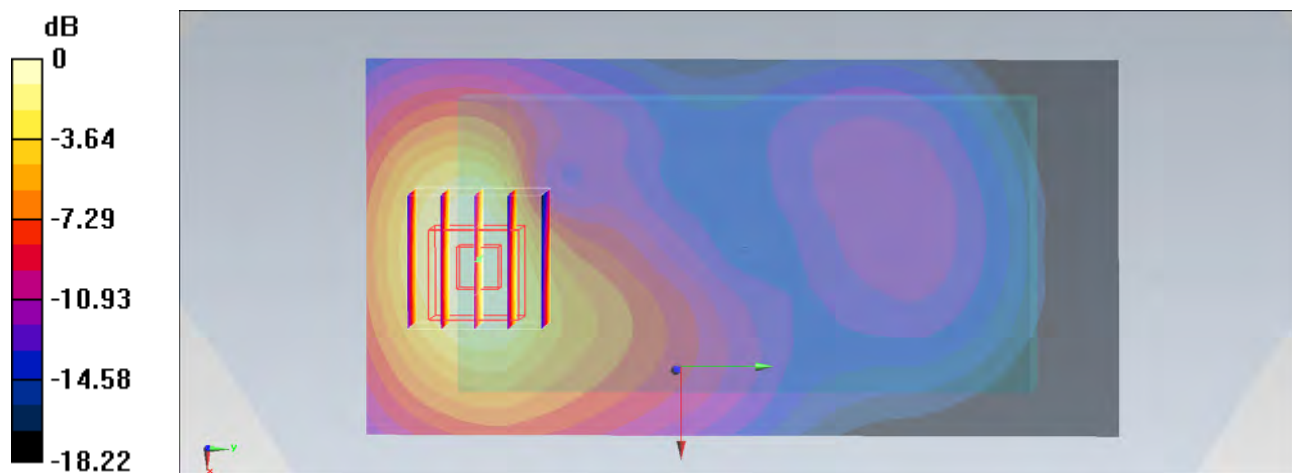
**Configuration/Ch20000/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 1.66 W/kg**Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 33.990 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.86 W/kg

**SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.714 W/kg**

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

**#143\_LTE Band 4\_10M\_QPSK\_1RB\_0Offset\_Back\_1.5cm\_Ch20350;Battery1\_With Scanner\_Headset****DUT: 322304-07**

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130702 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.528$  S/m;  $\epsilon_r = 51.762$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

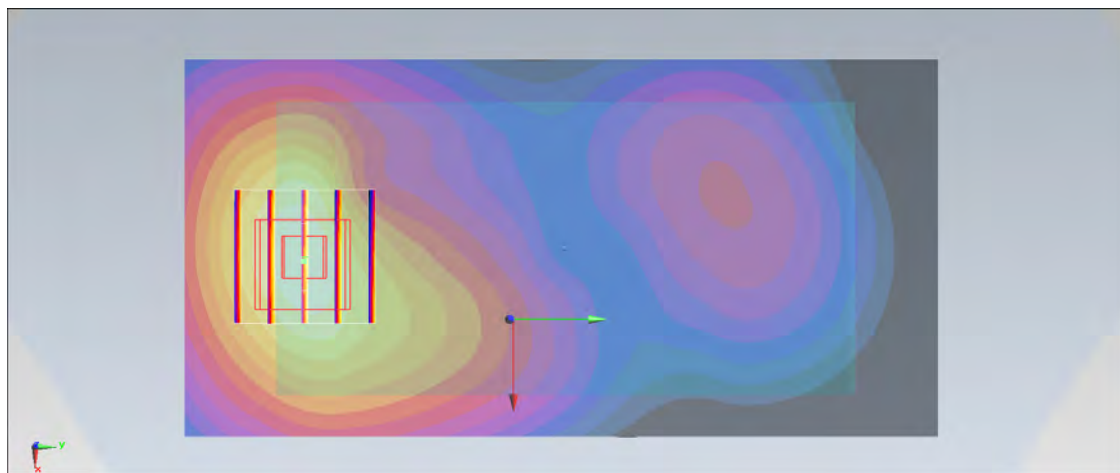
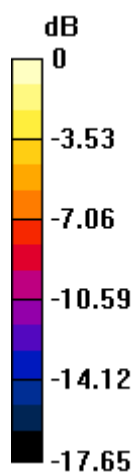
**Configuration/Ch20350/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 1.39 W/kg**Configuration/Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 31.514 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.82 W/kg

**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.683 W/kg**

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

**#22\_LTE Band 2\_10M\_QPSK\_1RB\_0Offset\_Back\_1cm\_Ch18900;Battery1\_With Scanner****DUT: 322304-07**

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

Medium: MSL\_1900\_130625 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.515$  mho/m;  $\epsilon_r = 52.419$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

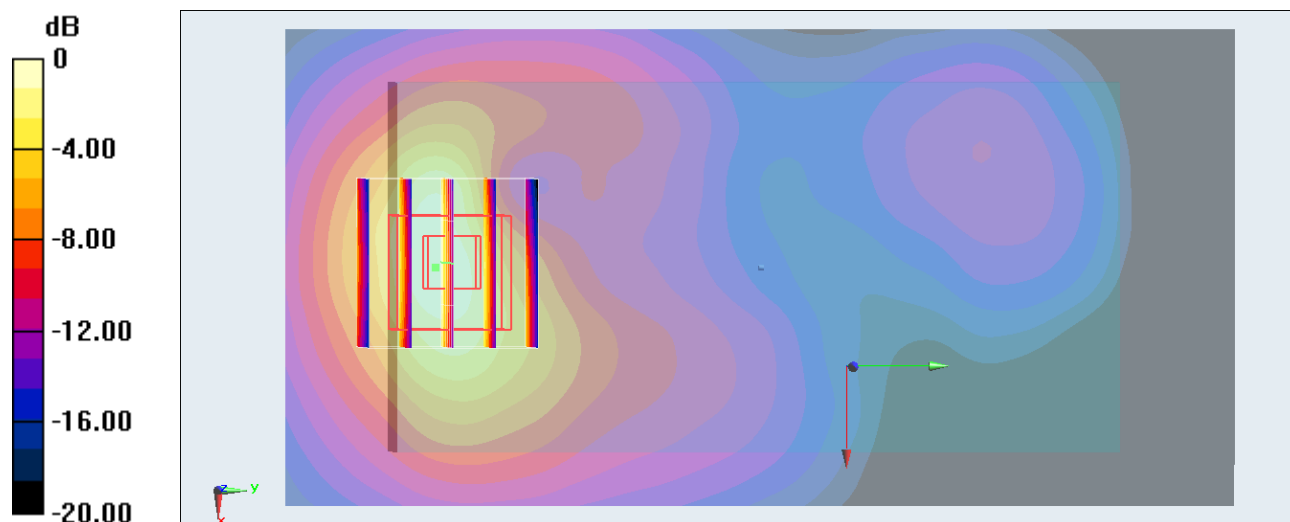
**Configuration/Ch18900/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.26 mW/g**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.629 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.630 mW/g

**SAR(1 g) = 0.939 mW/g; SAR(10 g) = 0.497 mW/g**

Maximum value of SAR (measured) = 1.26 mW/g



0 dB = 1.26 mW/g = 2.01 dB mW/g



**#34\_LTE Band 2\_10M\_QPSK\_1RB\_0Offset\_Back\_1cm\_Ch18650;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_130625 Medium parameters used:  $f = 1855$  MHz;  $\sigma = 1.492$  mho/m;  $\epsilon_r = 52.53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

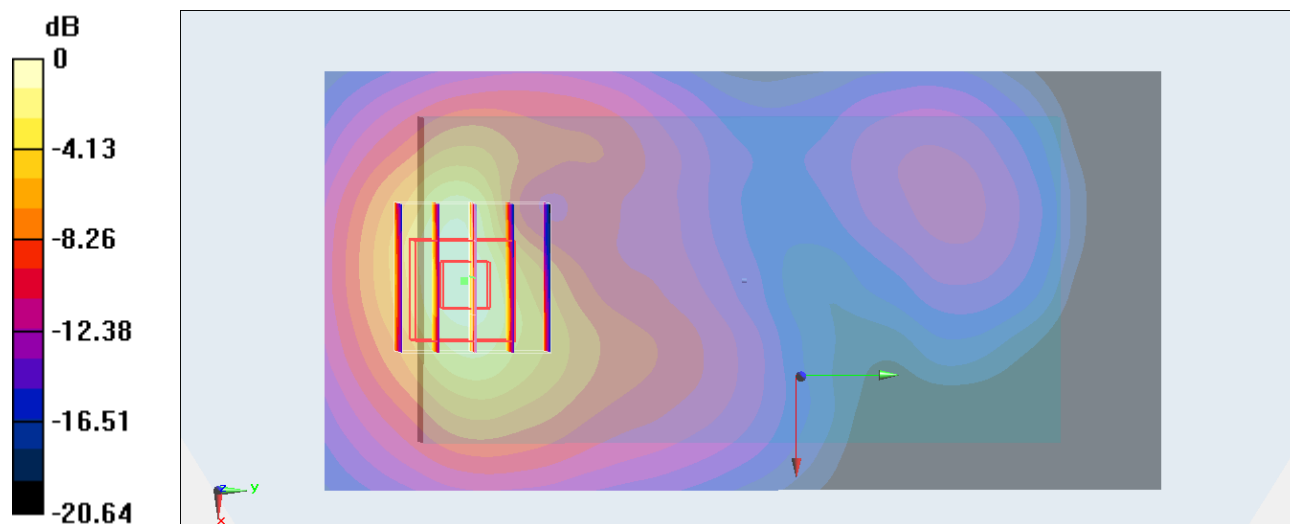
**Configuration/Ch18650/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.11 mW/g**Configuration/Ch18650/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.161 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.453 mW/g

**SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.441 mW/g**

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



0 dB = 1.14 mW/g = 1.14 dB mW/g

**#35\_LTE Band 2\_10M\_QPSK\_1RB\_0Offset\_Back\_1cm\_Ch19150;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_130625 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.536$  mho/m;  $\epsilon_r = 52.302$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

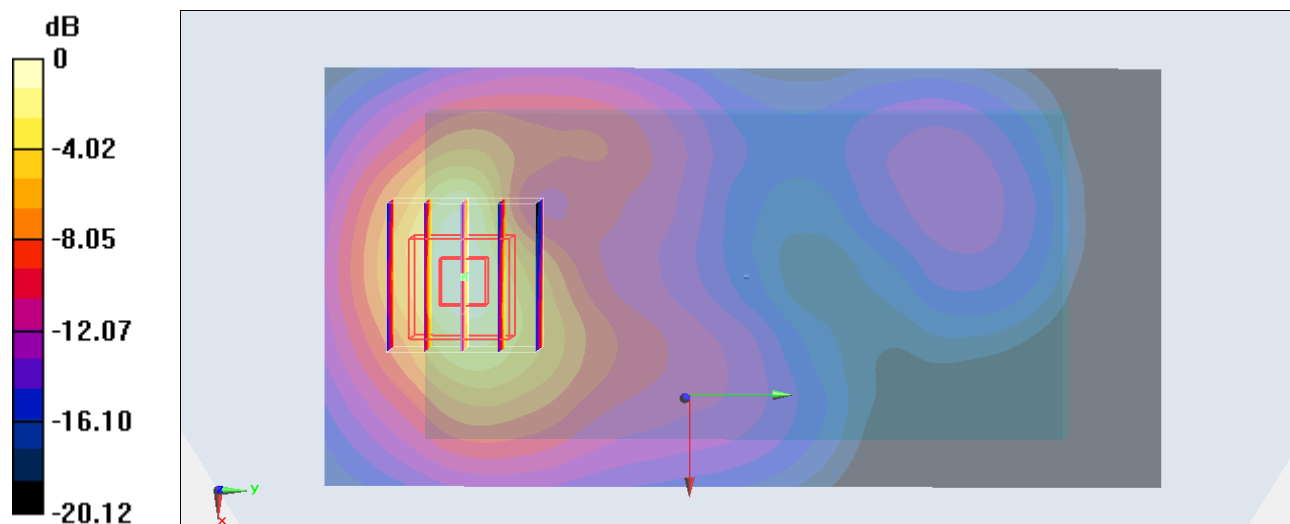
**Configuration/Ch19150/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.39 mW/g**Configuration/Ch19150/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.299 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.825 mW/g

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.546 mW/g**

Maximum value of SAR (measured) = 1.45 mW/g



0 dB = 1.45 mW/g = 3.23 dB mW/g

**#36\_LTE Band 2\_10M\_QPSK\_25RB\_0Offset\_Back\_1cm\_Ch18900;Battery1\_With Scanner****DUT: 322304-07**

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

Medium: MSL\_1900\_130625 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.515$  mho/m;  $\epsilon_r = 52.419$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

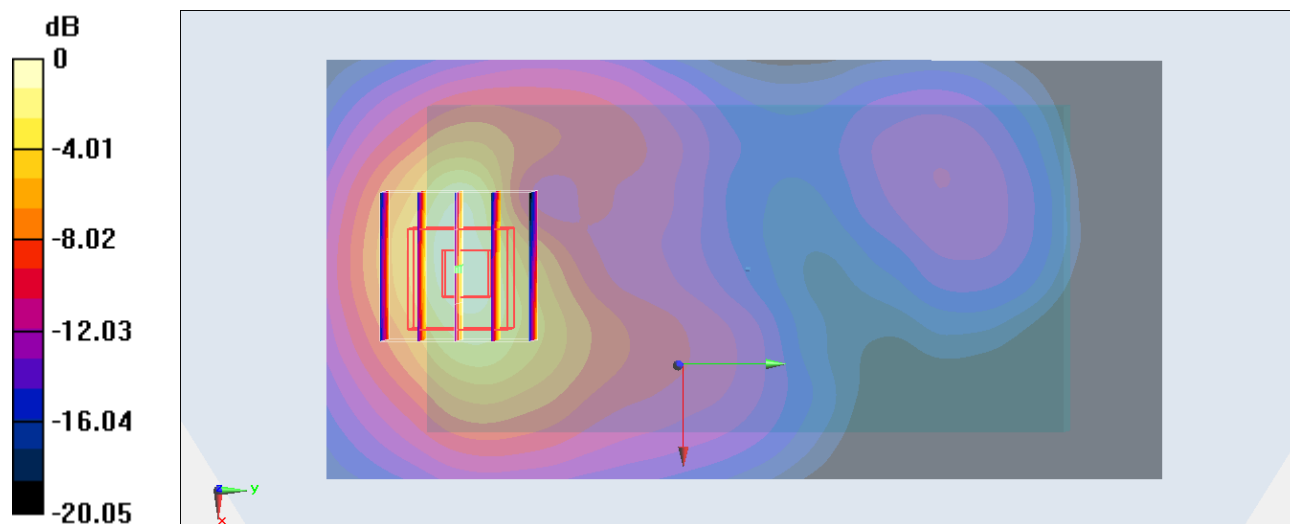
**Configuration/Ch18900/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.12 mW/g**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.457 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.476 mW/g

**SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.453 mW/g**

Maximum value of SAR (measured) = 1.17 mW/g



0 dB = 1.17 mW/g = 1.36 dB mW/g

**#37\_LTE Band 2\_10M\_QPSK\_25RB\_0Offset\_Back\_1cm\_Ch18650;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_130625 Medium parameters used:  $f = 1855$  MHz;  $\sigma = 1.492$  mho/m;  $\epsilon_r = 52.53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch18650/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

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

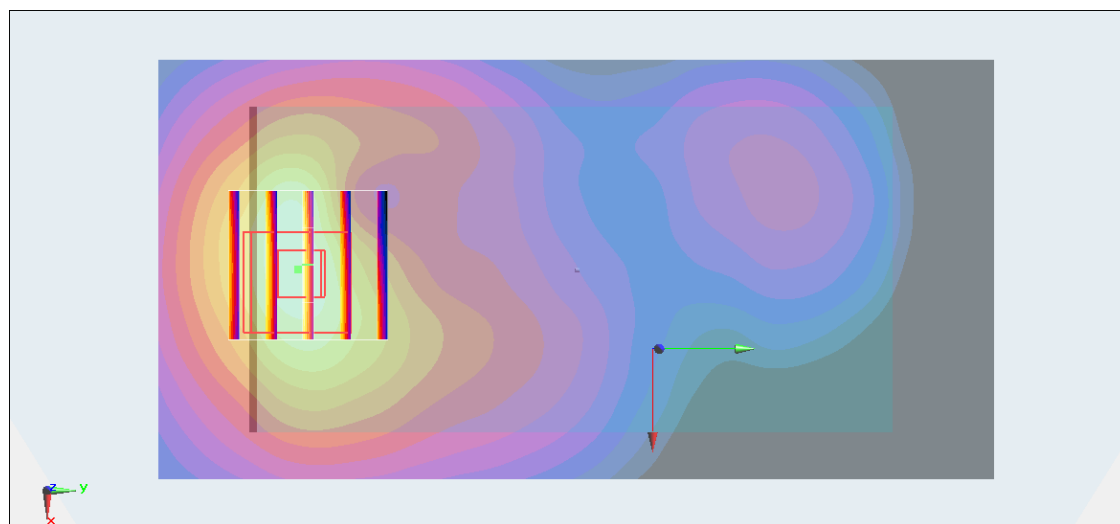
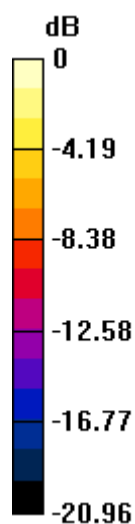
**Configuration/Ch18650/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.266 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.381 mW/g

**SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.433 mW/g**

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



0 dB = 1.10 mW/g = 0.83 dB mW/g

**#38\_LTE Band 2\_10M\_QPSK\_25RB\_0Offset\_Back\_1cm\_Ch19150;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_130625 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.536$  mho/m;  $\epsilon_r = 52.302$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

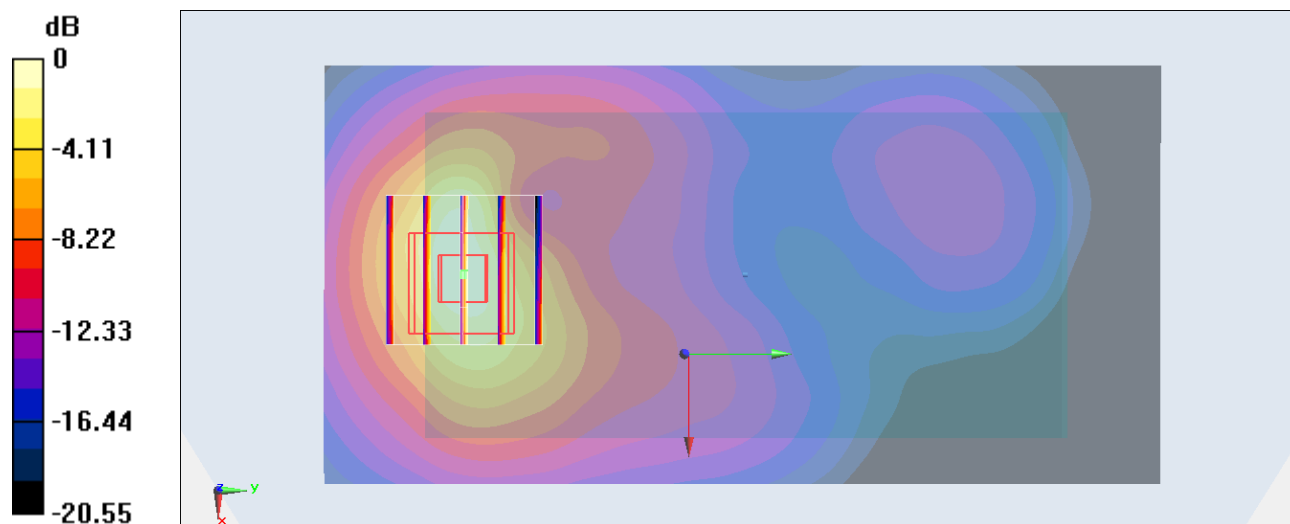
**Configuration/Ch19150/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.33 mW/g**Configuration/Ch19150/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.521 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.731 mW/g

**SAR(1 g) = 0.989 mW/g; SAR(10 g) = 0.516 mW/g**

Maximum value of SAR (measured) = 1.38 mW/g



0 dB = 1.38 mW/g = 2.80 dB mW/g

**#39\_LTE Band 2\_10M\_QPSK\_50RB\_0Offset\_Back\_1cm\_Ch19150;Battery1\_With Scanner****DUT: 322304-07**

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_130625 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.536$  mho/m;  $\epsilon_r = 52.302$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch19150/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.29 mW/g

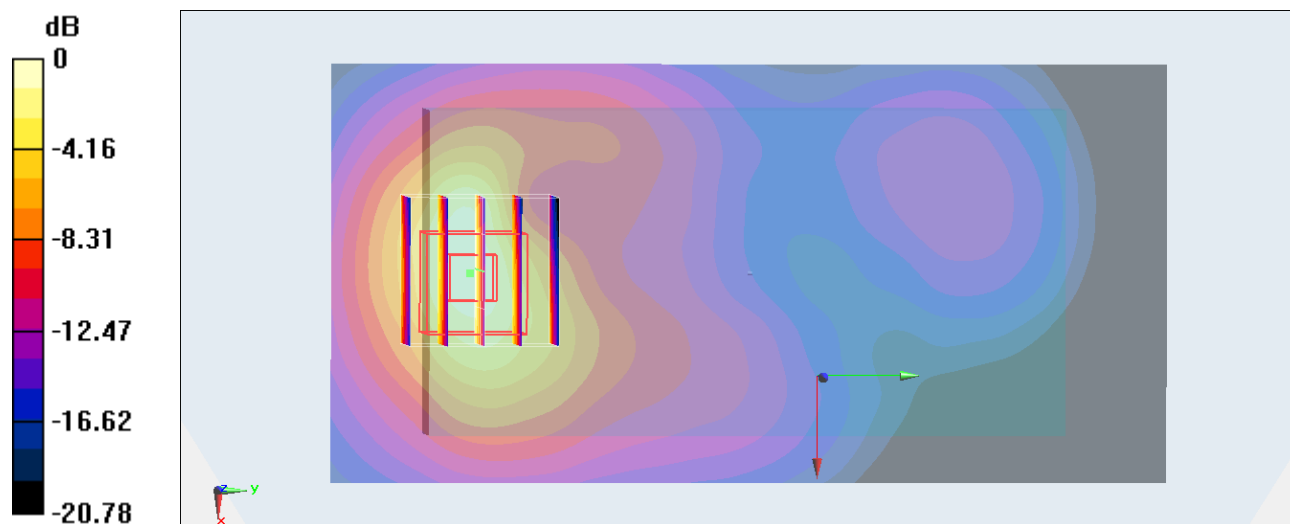
**Configuration/Ch19150/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.181 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.675 mW/g

**SAR(1 g) = 0.960 mW/g; SAR(10 g) = 0.501 mW/g**

Maximum value of SAR (measured) = 1.34 mW/g



0 dB = 1.34 mW/g = 2.54 dB mW/g

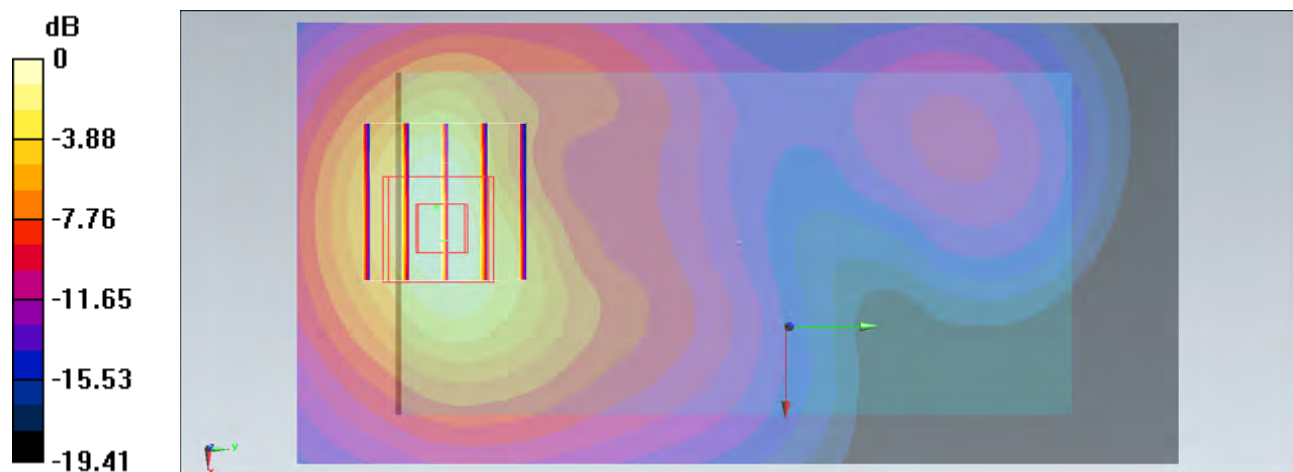
**#124\_LTE Band 2\_10M\_QPSK\_1RB\_0Offset\_Back\_1.5cm\_Ch18900;Battery1\_With Scanner****DUT: 322304-07**

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

Medium: MSL\_1900\_130702 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.477$  S/m;  $\epsilon_r = 54.871$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $22.3^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$ 

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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch18900/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $1.17 \text{ W/kg}$ **Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $29.029 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$ Peak SAR (extrapolated) =  $1.66 \text{ W/kg}$ **SAR(1 g) =  $0.981 \text{ W/kg}$ ; SAR(10 g) =  $0.547 \text{ W/kg}$** Maximum value of SAR (measured) =  $1.18 \text{ W/kg}$  $0 \text{ dB} = 1.18 \text{ W/kg} = 0.72 \text{ dBW/kg}$



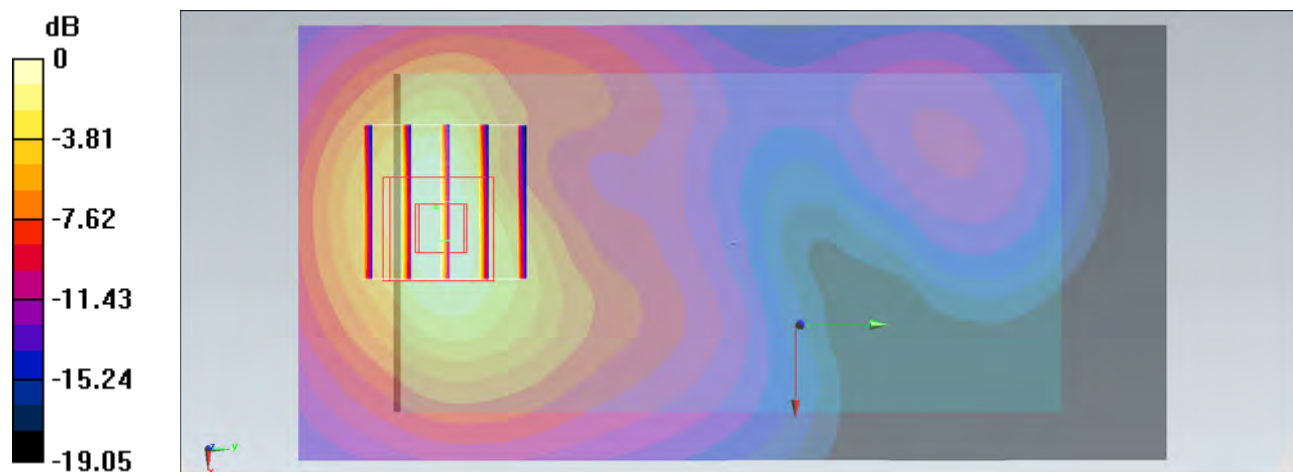
**#125\_LTE Band 2\_10M\_QPSK\_1RB\_0Offset\_Back\_1.5cm\_Ch18650;Battery1\_With Scanner****DUT: 322304-07**

Communication System:LTE; Frequency: 1855 MHz;Duty Cycle: 1:1

Medium: MSL\_1900\_130702 Medium parameters used:  $f = 1855$  MHz;  $\sigma = 1.45$  S/m;  $\epsilon_r = 54.976$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $22.3^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$ 

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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch18650/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $1.03 \text{ W/kg}$ **Configuration/Ch18650/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $27.304 \text{ V/m}$ ; Power Drift =  $-0.05 \text{ dB}$ Peak SAR (extrapolated) =  $1.43 \text{ W/kg}$ **SAR(1 g) =  $0.855 \text{ W/kg}$ ; SAR(10 g) =  $0.481 \text{ W/kg}$** Maximum value of SAR (measured) =  $1.03 \text{ W/kg}$  $0 \text{ dB} = 1.03 \text{ W/kg} = 0.13 \text{ dBW/kg}$

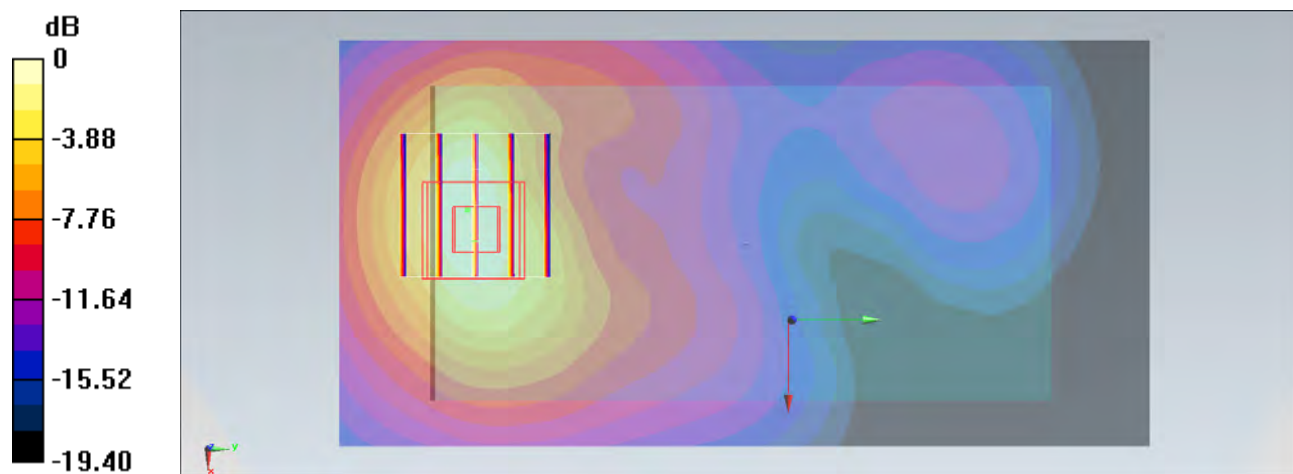
**#126\_LTE Band 2\_10M\_QPSK\_1RB\_0Offset\_Back\_1.5cm\_Ch19150;Battery1\_With Scanner****DUT: 322304-07**

Communication System:LTE; Frequency: 1905 MHz;Duty Cycle: 1:1

Medium: MSL\_1900\_130702 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 54.834$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $22.4^\circ\text{C}$ ; Liquid Temperature :  $21.4^\circ\text{C}$ 

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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch19150/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) =  $1.36 \text{ W/kg}$ **Configuration/Ch19150/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $30.614 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$ Peak SAR (extrapolated) =  $1.88 \text{ W/kg}$ **SAR(1 g) =  $1.11 \text{ W/kg}$ ; SAR(10 g) =  $0.620 \text{ W/kg}$** Maximum value of SAR (measured) =  $1.34 \text{ W/kg}$  $0 \text{ dB} = 1.34 \text{ W/kg} = 1.27 \text{ dBW/kg}$

**#144\_LTE Band 2\_10M\_QPSK\_25RB\_0Offset\_Back\_1.5cm\_Ch18900;Battery1\_With Scanner****DUT: 322304-07**

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

Medium: MSL\_1900\_130702 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.477$  S/m;  $\epsilon_r = 54.871$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

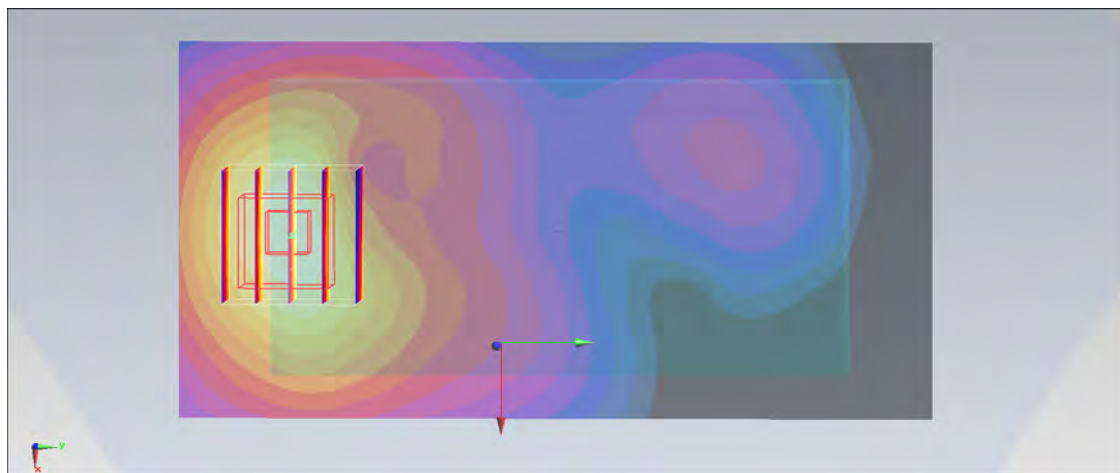
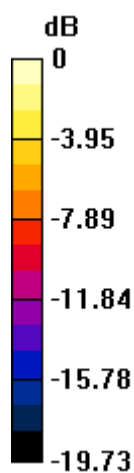
**Configuration/Ch18900/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.923 W/kg**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 25.855 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.417 W/kg**

Maximum value of SAR (measured) = 0.920 W/kg



0 dB = 0.920 W/kg = -0.36 dBW/kg

**#147\_LTE Band 2\_10M\_QPSK\_50RB\_0Offset\_Back\_1.5cm\_Ch18900;Battery1\_With Scanner****DUT: 322304-07**

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

Medium: MSL\_1900\_130702 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.477$  S/m;  $\epsilon_r = 54.871$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °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: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

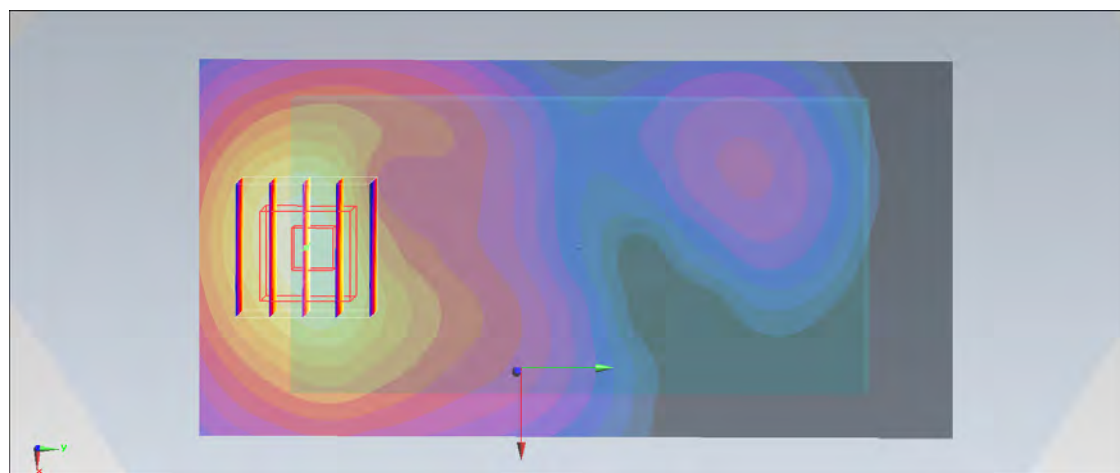
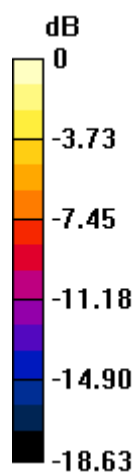
**Configuration/Ch18900/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.809 W/kg**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 24.236 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.665 W/kg; SAR(10 g) = 0.373 W/kg**

Maximum value of SAR (measured) = 0.803 W/kg



0 dB = 0.803 W/kg = -0.95 dBW/kg

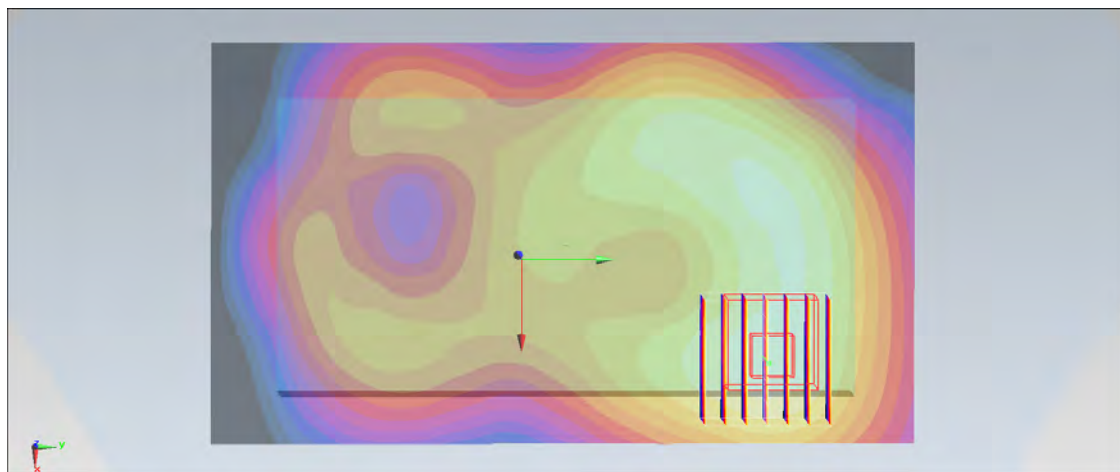
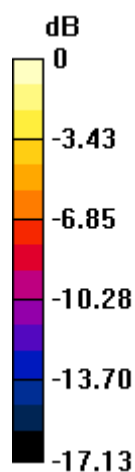
**#208\_WLAN2.4GHz\_802.11b 1Mbps\_Front\_1cm\_Ch6;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_130705 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.001$  S/m;  $\epsilon_r = 53.956$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$ 

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch6/Area Scan (81x141x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mmMaximum value of SAR (interpolated) =  $0.194 \text{ W/kg}$ **Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $10.393 \text{ V/m}$ ; Power Drift =  $0.07 \text{ dB}$ Peak SAR (extrapolated) =  $0.320 \text{ W/kg}$ **SAR(1 g) =  $0.169 \text{ W/kg}$ ; SAR(10 g) =  $0.096 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.207 \text{ W/kg}$  $0 \text{ dB} = 0.207 \text{ W/kg} = -6.84 \text{ dBW/kg}$

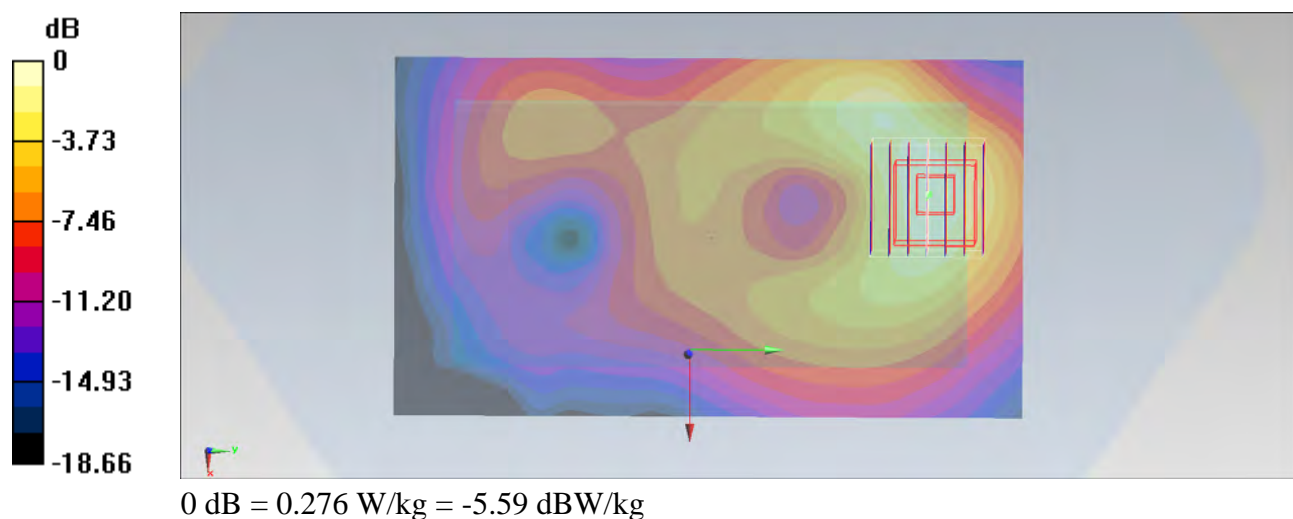
**#209\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_1cm\_Ch6;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_130705 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.001$  S/m;  $\epsilon_r = 53.956$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$ 

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch6/Area Scan (81x141x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) =  $0.276 \text{ W/kg}$ **Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $11.974 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$ Peak SAR (extrapolated) =  $0.428 \text{ W/kg}$ **SAR(1 g) =  $0.225 \text{ W/kg}$ ; SAR(10 g) =  $0.118 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.276 \text{ W/kg}$ 



**#210\_WLAN2.4GHz\_802.11b 1Mbps\_Right Side\_1cm\_Ch6;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_130705 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.001$  S/m;  $\epsilon_r = 53.956$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

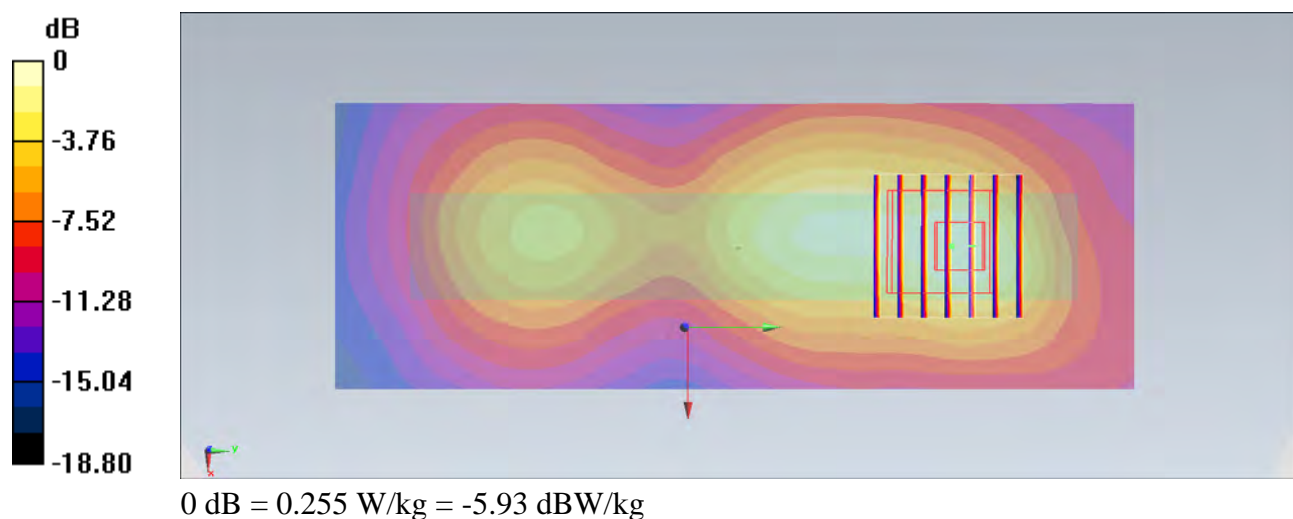
**Configuration/Ch6/Area Scan (51x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.260 W/kg**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.460 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.399 W/kg

**SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.107 W/kg**

Maximum value of SAR (measured) = 0.255 W/kg





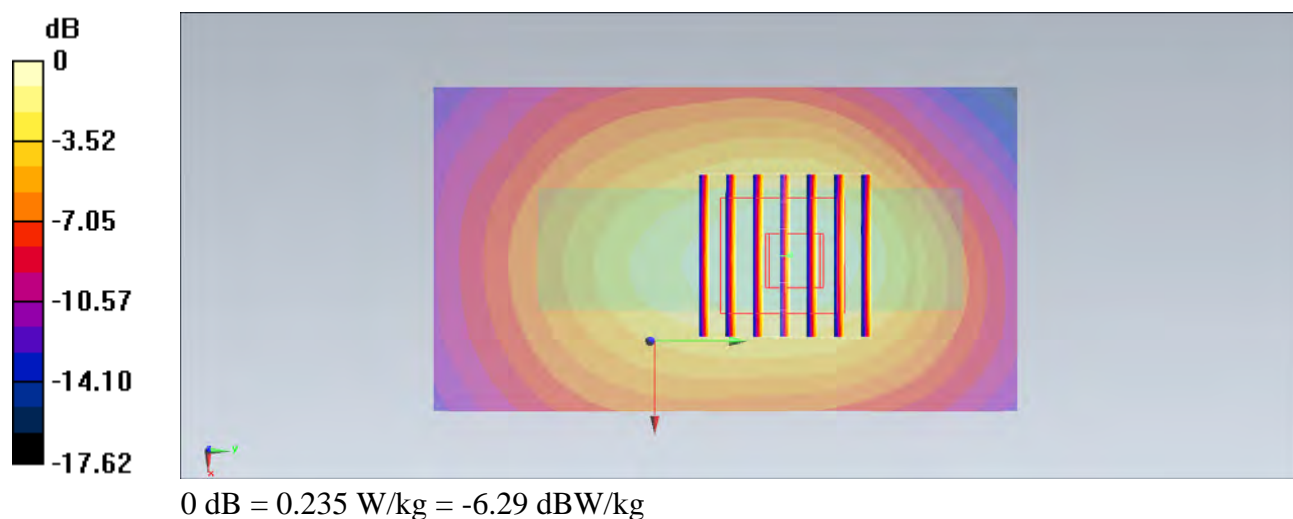
**#211\_WLAN2.4GHz\_802.11b 1Mbps\_Top Side\_1cm\_Ch6;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_130705 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.001$  S/m;  $\epsilon_r = 53.956$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$ 

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch6/Area Scan (51x91x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) =  $0.239 \text{ W/kg}$ **Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $11.172 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$ Peak SAR (extrapolated) =  $0.365 \text{ W/kg}$ **SAR(1 g) =  $0.192 \text{ W/kg}$ ; SAR(10 g) =  $0.108 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.235 \text{ W/kg}$ 

**#212\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_1cm\_Ch6;Battery2\_With Scanner****DUT: 322304-07**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_130705 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.001$  S/m;  $\epsilon_r = 53.956$ ;  $\rho =$ 1000 kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

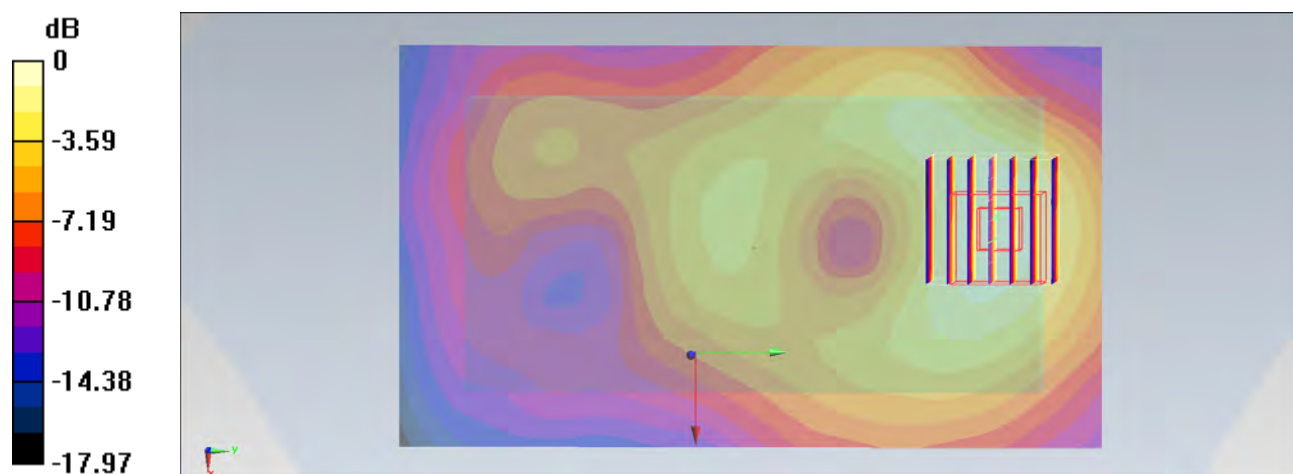
**Configuration/Ch6/Area Scan (81x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.148 W/kg**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.821 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.226 W/kg

**SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.068 W/kg**

Maximum value of SAR (measured) = 0.148 W/kg



0 dB = 0.148 W/kg = -8.30 dBW/kg

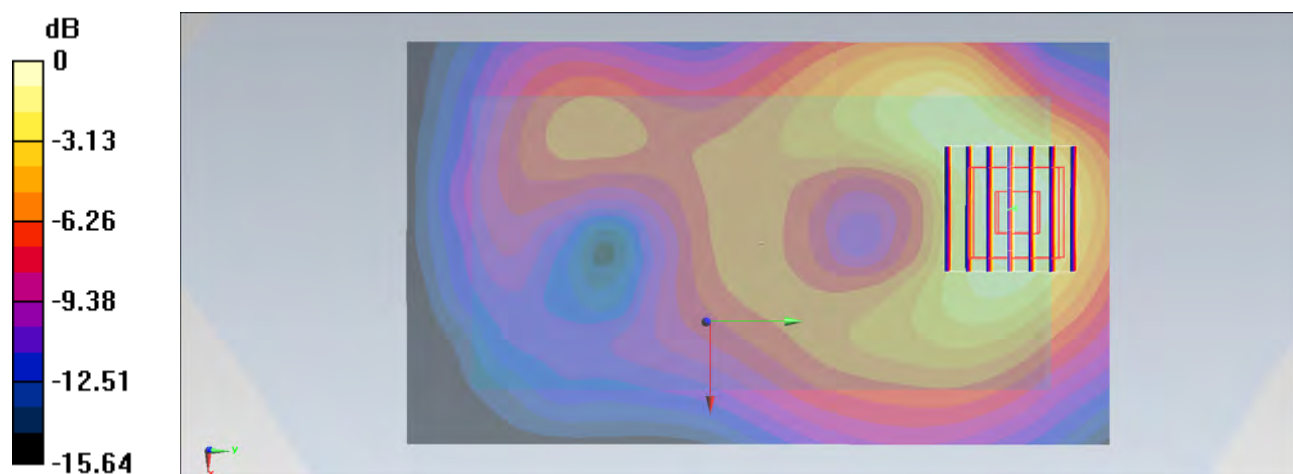
**#209\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_1cm\_Ch6;Battery1\_Without Scanner****DUT: 322304-07**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_130705 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.001$  S/m;  $\epsilon_r = 53.956$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$ 

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch6/Area Scan (81x141x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) =  $0.257 \text{ W/kg}$ **Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $11.504 \text{ V/m}$ ; Power Drift =  $-0.00 \text{ dB}$ Peak SAR (extrapolated) =  $0.387 \text{ W/kg}$ **SAR(1 g) =  $0.207 \text{ W/kg}$ ; SAR(10 g) =  $0.114 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.256 \text{ W/kg}$  $0 \text{ dB} = 0.256 \text{ W/kg} = -5.92 \text{ dBW/kg}$

**#213\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_1cm\_Ch1;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_130705 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.963$  S/m;  $\epsilon_r = 54.025$ ;  $\rho =$ 1000 kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch1/Area Scan (81x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.274 W/kg

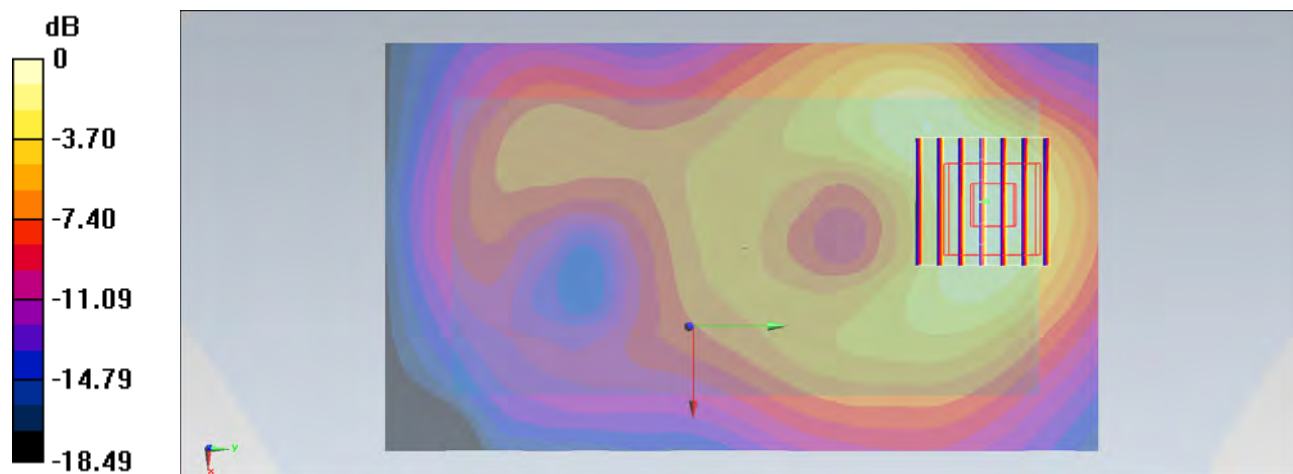
**Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.124 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.425 W/kg

**SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.120 W/kg**

Maximum value of SAR (measured) = 0.275 W/kg



0 dB = 0.275 W/kg = -5.61 dBW/kg

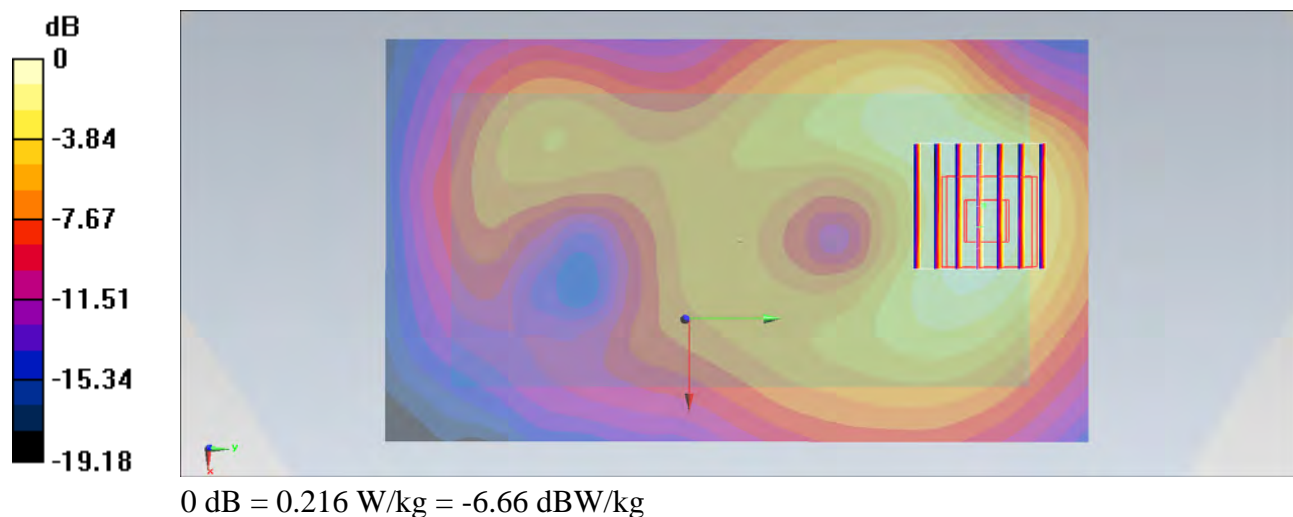
**#214\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_1cm\_Ch11;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_130705 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.037$  S/m;  $\epsilon_r = 53.921$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$ 

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch11/Area Scan (81x141x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) =  $0.227 \text{ W/kg}$ **Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $10.553 \text{ V/m}$ ; Power Drift =  $-0.19 \text{ dB}$ Peak SAR (extrapolated) =  $0.339 \text{ W/kg}$ **SAR(1 g) =  $0.173 \text{ W/kg}$ ; SAR(10 g) =  $0.095 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.216 \text{ W/kg}$ 

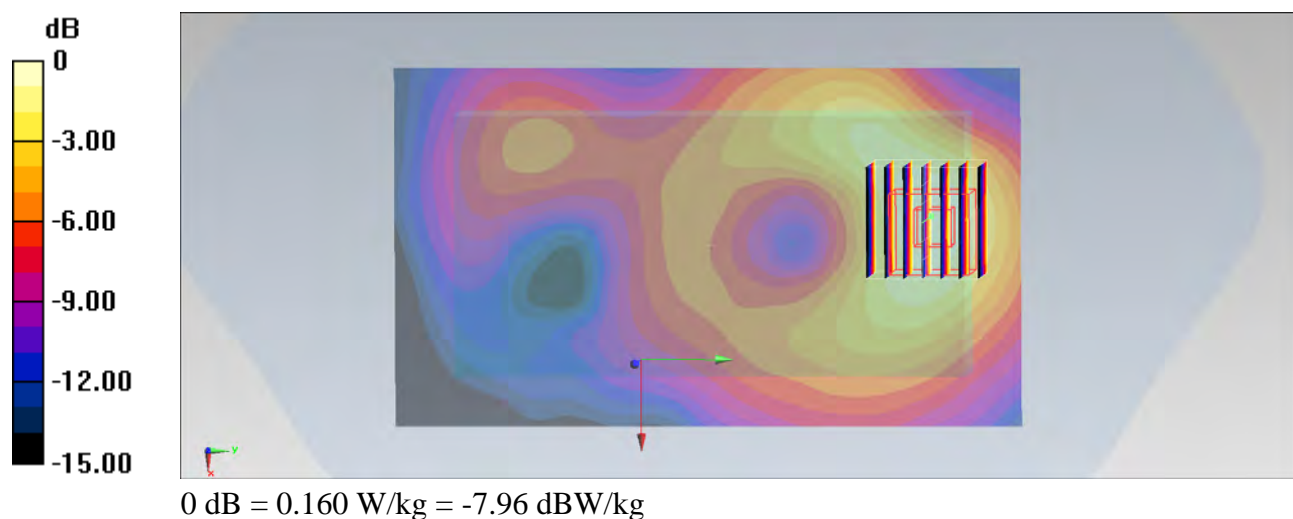
**#215\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_1.5cm\_Ch6;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_130705 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.001$  S/m;  $\epsilon_r = 53.956$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$ 

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch6/Area Scan (81x141x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) =  $0.164 \text{ W/kg}$ **Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $9.127 \text{ V/m}$ ; Power Drift =  $0.11 \text{ dB}$ Peak SAR (extrapolated) =  $0.247 \text{ W/kg}$ **SAR(1 g) =  $0.129 \text{ W/kg}$ ; SAR(10 g) =  $0.071 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.160 \text{ W/kg}$ 



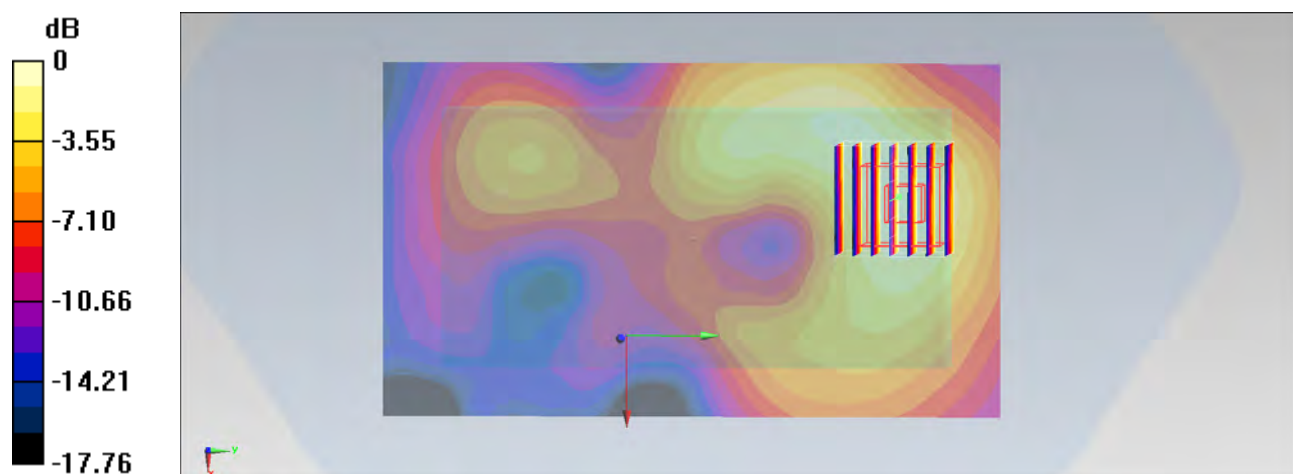
**#216\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_0cm\_Ch6;Battery1\_With Scanner\_Holster****DUT: 322304-07**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_130705 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.001$  S/m;  $\epsilon_r = 53.956$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$ 

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch6/Area Scan (81x141x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mmMaximum value of SAR (interpolated) =  $0.151 \text{ W/kg}$ **Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $8.768 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$ Peak SAR (extrapolated) =  $0.229 \text{ W/kg}$ **SAR(1 g) =  $0.119 \text{ W/kg}$ ; SAR(10 g) =  $0.065 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.145 \text{ W/kg}$  $0 \text{ dB} = 0.145 \text{ W/kg} = -8.39 \text{ dBW/kg}$



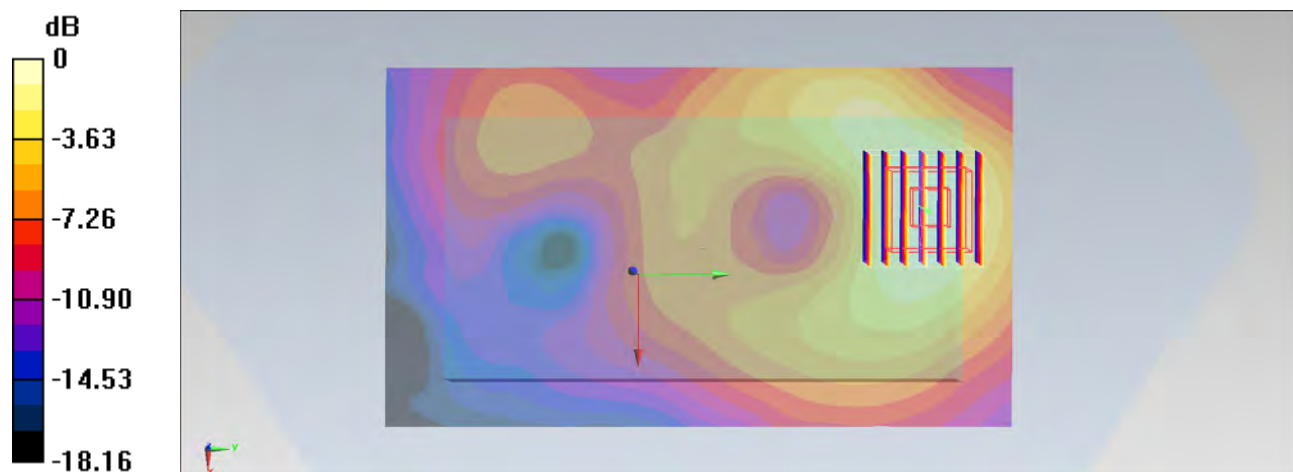
**#217\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_1.5cm\_Ch1;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_130705 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.963$  S/m;  $\epsilon_r = 54.025$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $22.6^\circ\text{C}$ ; Liquid Temperature :  $21.6^\circ\text{C}$ 

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch1/Area Scan (81x141x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mmMaximum value of SAR (interpolated) =  $0.145 \text{ W/kg}$ **Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $8.717 \text{ V/m}$ ; Power Drift =  $0.10 \text{ dB}$ Peak SAR (extrapolated) =  $0.217 \text{ W/kg}$ **SAR(1 g) =  $0.117 \text{ W/kg}$ ; SAR(10 g) =  $0.065 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.143 \text{ W/kg}$  $0 \text{ dB} = 0.143 \text{ W/kg} = -8.45 \text{ dBW/kg}$

**#218\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_1.5cm\_Ch11;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_130705 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.037$  S/m;  $\epsilon_r = 53.921$ ;  $\rho =$ 1000 kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

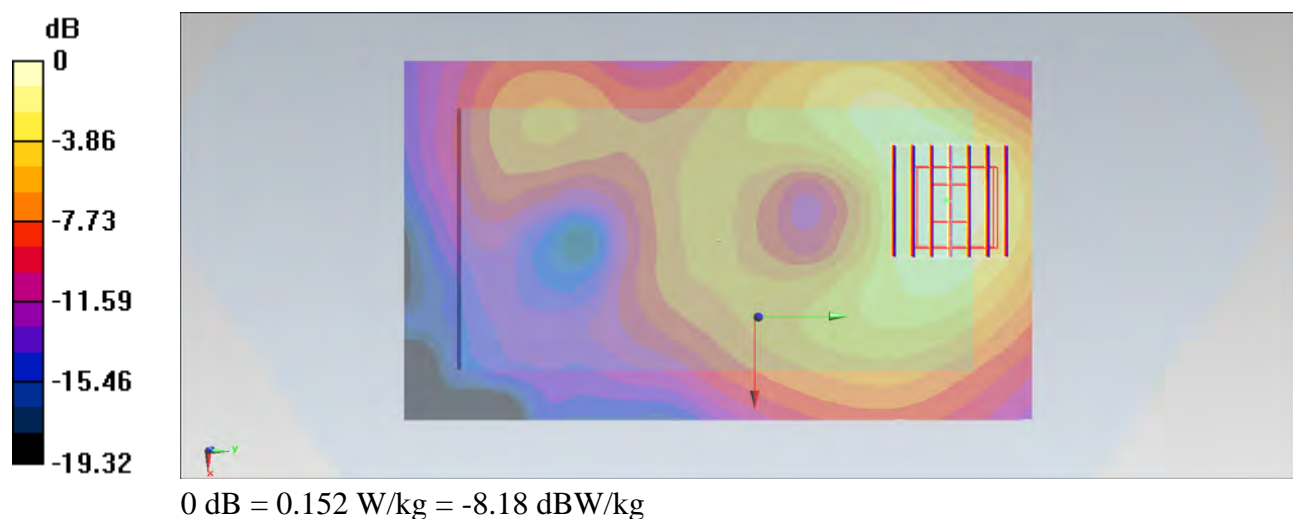
**Configuration/Ch11/Area Scan (81x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.150 W/kg**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.810 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.233 W/kg

**SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.069 W/kg**

Maximum value of SAR (measured) = 0.152 W/kg



**#220\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_1.5cm\_Ch6;Battery1\_With Scanner\_Headset****DUT: 322304-07**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_130705 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.001$  S/m;  $\epsilon_r = 53.956$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

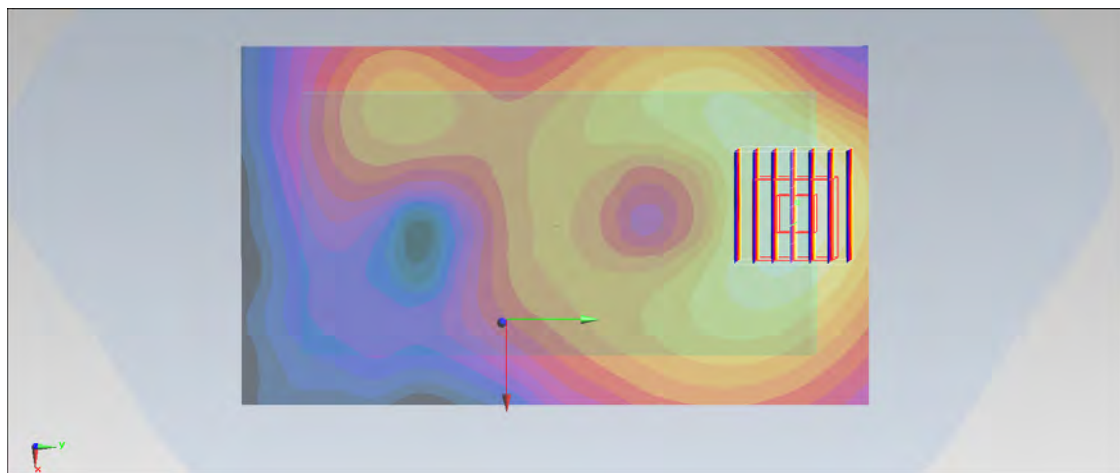
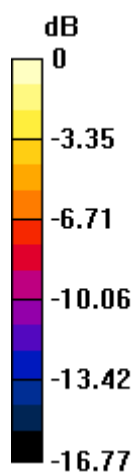
**Configuration/Ch6/Area Scan (81x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.164 W/kg**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.219 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.249 W/kg

**SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.066 W/kg**

Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.164 W/kg = -7.85 dBW/kg

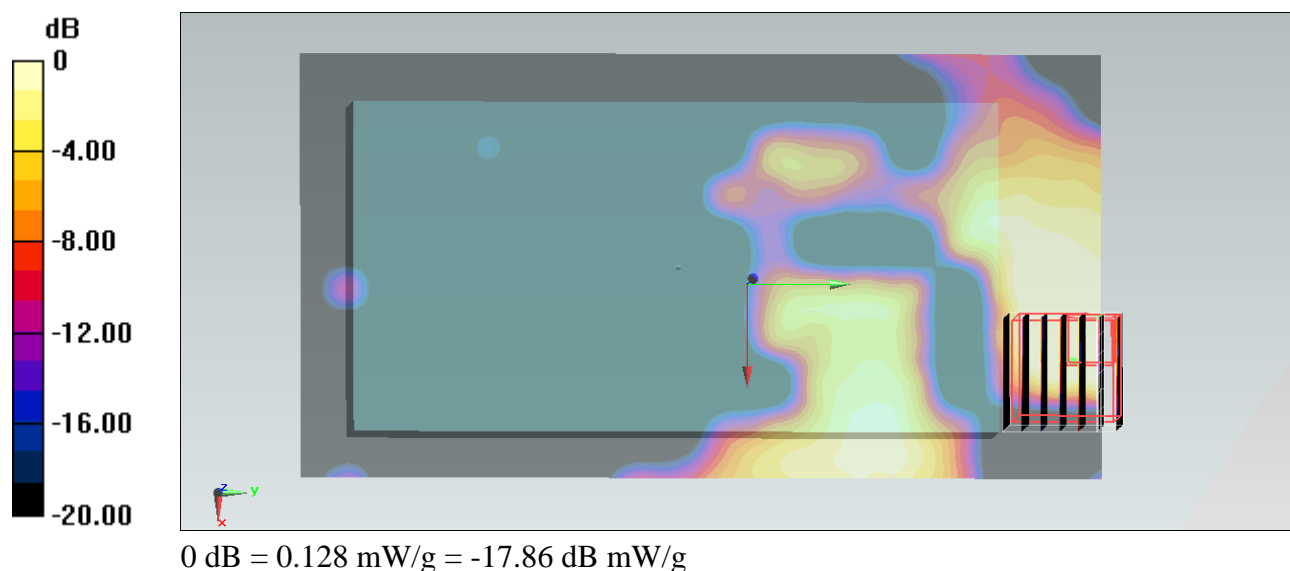
**#304\_WLAN5GHz\_802.11a 6Mbps\_Front\_1.5cm\_Ch48;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_130706 Medium parameters used :  $f = 5240$  MHz;  $\sigma = 5.166$  mho/m;  $\epsilon_r = 47.38$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $23.7^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$ 

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch48/Area Scan (91x171x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ Maximum value of SAR (interpolated) =  $0.190 \text{ mW/g}$ **Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ Reference Value =  $5.403 \text{ V/m}$ ; Power Drift =  $0.18 \text{ dB}$ Peak SAR (extrapolated) =  $0.215 \text{ mW/g}$ **SAR(1 g) =  $0.047 \text{ mW/g}$ ; SAR(10 g) =  $0.014 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.128 \text{ mW/g}$ 

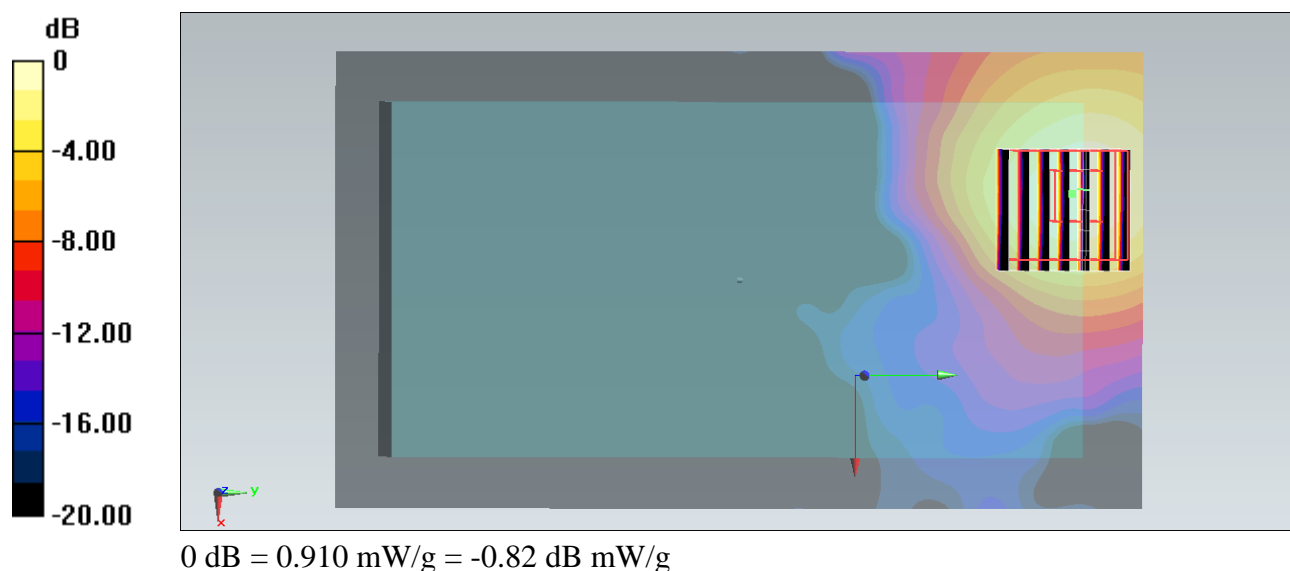
**#300\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch48;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_130706 Medium parameters used :  $f = 5240$  MHz;  $\sigma = 5.166$  mho/m;  $\epsilon_r = 47.38$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $23.7^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$ 

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch48/Area Scan (91x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ Maximum value of SAR (interpolated) =  $0.918 \text{ mW/g}$ **Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ Reference Value =  $14.643 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$ Peak SAR (extrapolated) =  $1.410 \text{ mW/g}$ **SAR(1 g) =  $0.420 \text{ mW/g}$ ; SAR(10 g) =  $0.161 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.910 \text{ mW/g}$ 

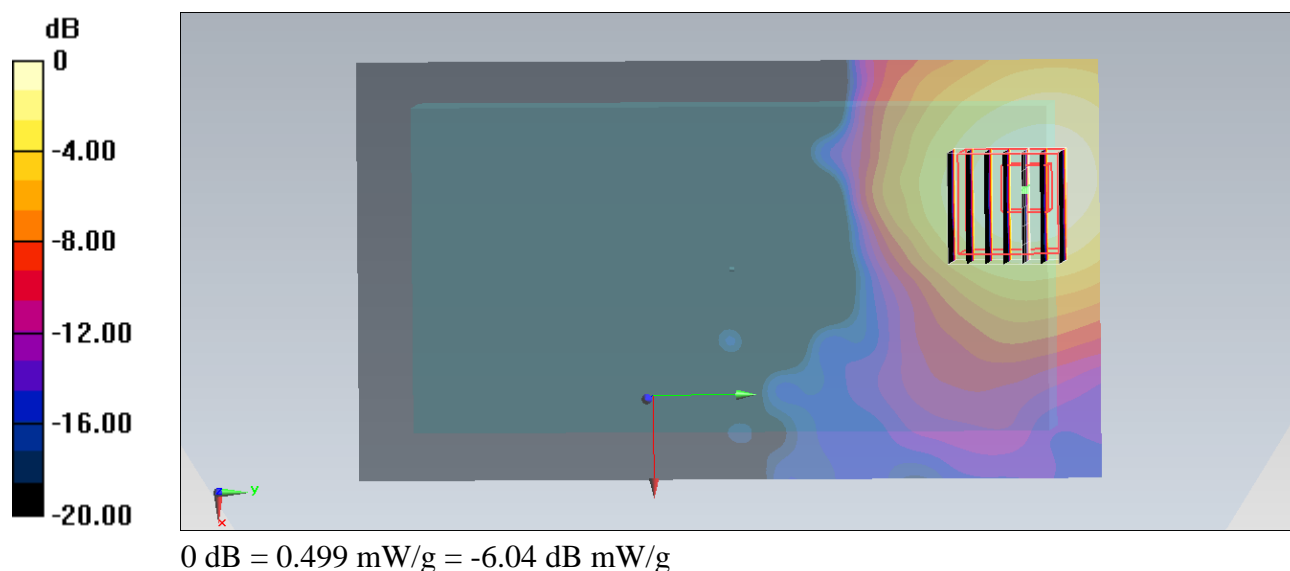
**#305\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch48;Battery2\_With Scanner****DUT: 322304-07**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_130706 Medium parameters used :  $f = 5240$  MHz;  $\sigma = 5.166$  mho/m;  $\epsilon_r = 47.38$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $23.7^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$ 

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch48/Area Scan (91x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ Maximum value of SAR (interpolated) =  $0.513 \text{ mW/g}$ **Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ Reference Value =  $10.890 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$ Peak SAR (extrapolated) =  $0.790 \text{ mW/g}$ **SAR(1 g) =  $0.228 \text{ mW/g}$ ; SAR(10 g) =  $0.093 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.499 \text{ mW/g}$ 

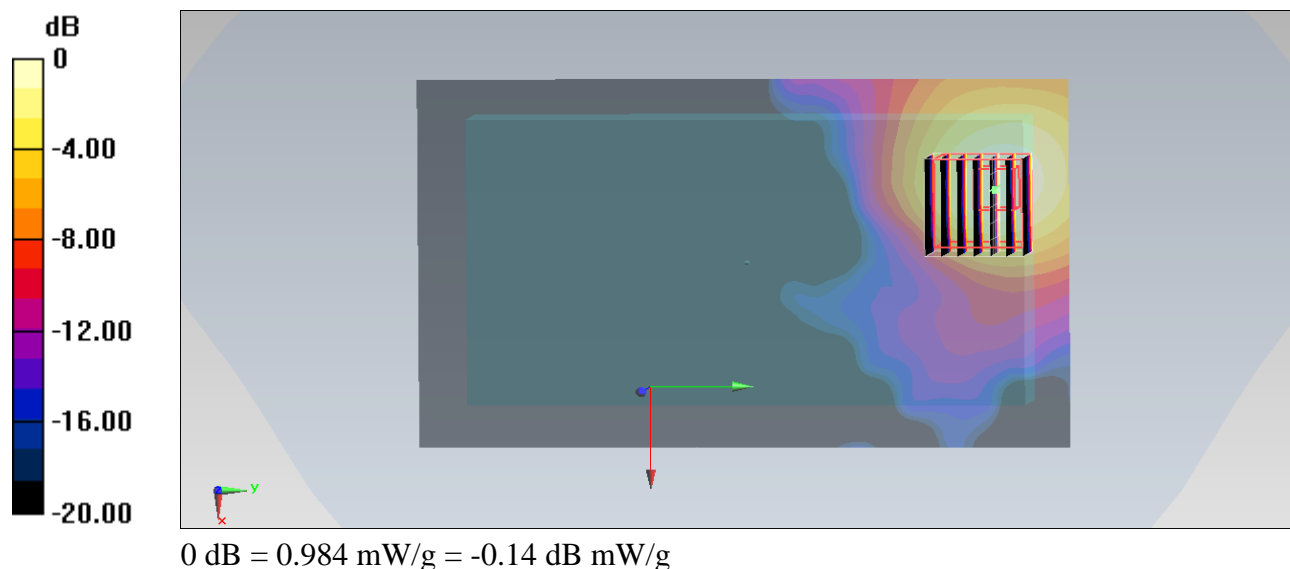
**#306\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch48;Battery1\_Without Scanner****DUT: 322304-07**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_130706 Medium parameters used :  $f = 5240$  MHz;  $\sigma = 5.166$  mho/m;  $\epsilon_r = 47.38$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $23.7^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$ 

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch48/Area Scan (91x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ Maximum value of SAR (interpolated) =  $1.02 \text{ mW/g}$ **Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ Reference Value =  $15.121 \text{ V/m}$ ; Power Drift =  $0.06 \text{ dB}$ Peak SAR (extrapolated) =  $1.537 \text{ mW/g}$ **SAR(1 g) =  $0.401 \text{ mW/g}$ ; SAR(10 g) =  $0.148 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.984 \text{ mW/g}$ 



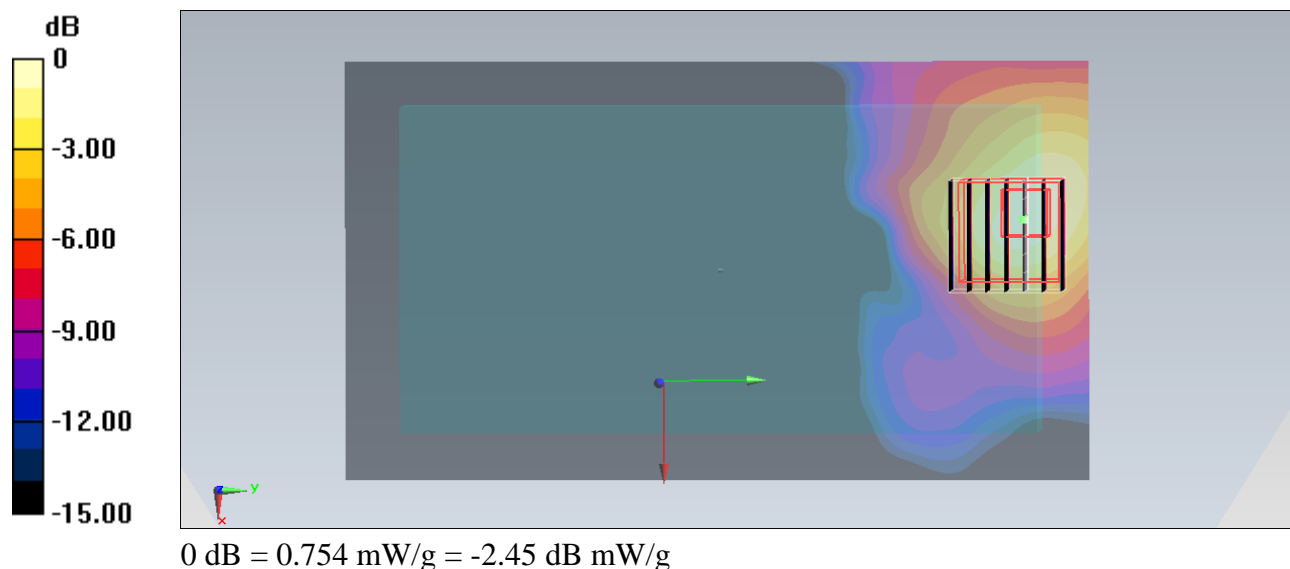
**#307\_WLAN5GHz\_802.11a 6Mbps\_Back\_0cm\_Ch48;Battery1\_With Scanner\_Holster****DUT: 322304-07**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_130706 Medium parameters used :  $f = 5240$  MHz;  $\sigma = 5.166$  mho/m;  $\epsilon_r = 47.38$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $23.7^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$ 

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch48/Area Scan (91x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ Maximum value of SAR (interpolated) =  $0.695 \text{ mW/g}$ **Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ Reference Value =  $12.798 \text{ V/m}$ ; Power Drift =  $0.17 \text{ dB}$ Peak SAR (extrapolated) =  $1.199 \text{ mW/g}$ **SAR(1 g) =  $0.337 \text{ mW/g}$ ; SAR(10 g) =  $0.126 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.754 \text{ mW/g}$ 

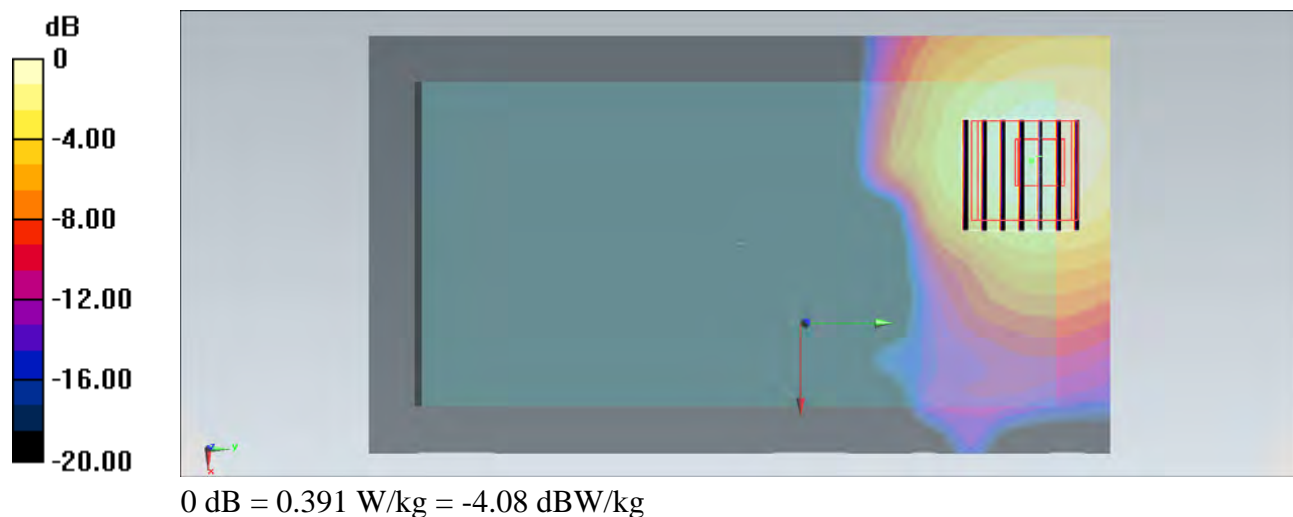
**#345\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch40;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_130706 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.138$  S/m;  $\epsilon_r = 47.493$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $23.7^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$ 

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch40/Area Scan (91x161x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
Maximum value of SAR (interpolated) =  $0.392 \text{ W/kg}$ **Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  
 $dz=1.4\text{mm}$ Reference Value =  $9.661 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$ Peak SAR (extrapolated) =  $0.608 \text{ W/kg}$ **SAR(1 g) =  $0.183 \text{ W/kg}$ ; SAR(10 g) =  $0.075 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.391 \text{ W/kg}$ 

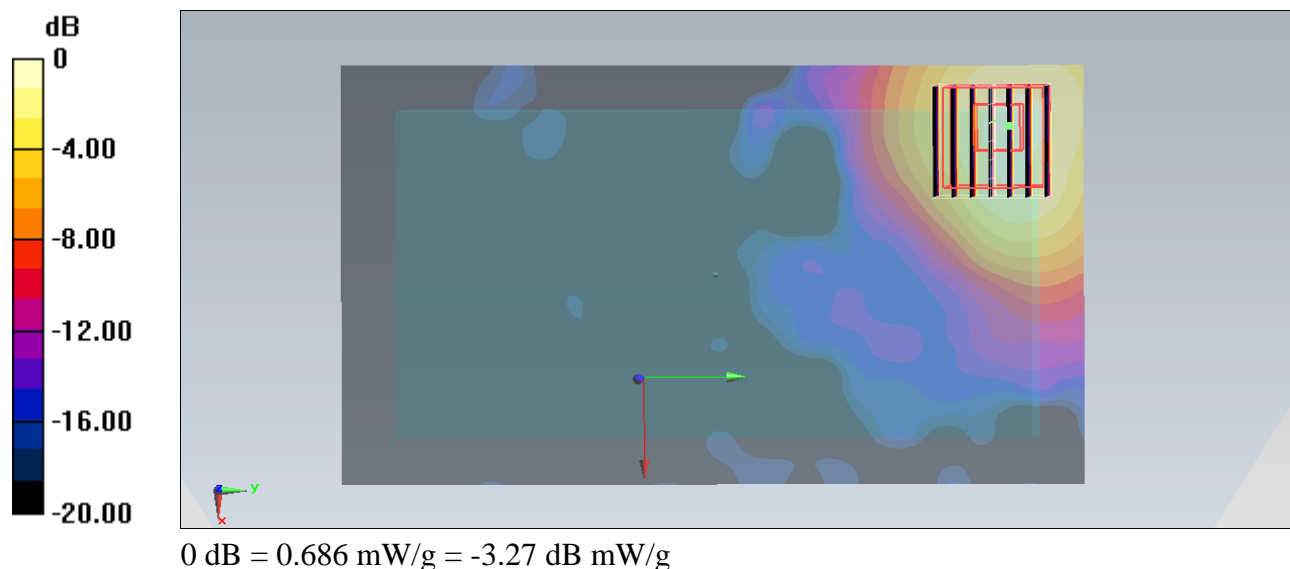
**#309\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch48;Battery1\_With Scanner\_Headset****DUT: 322304-07**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_130706 Medium parameters used :  $f = 5240$  MHz;  $\sigma = 5.166$  mho/m;  $\epsilon_r = 47.38$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $23.7^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$ 

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch48/Area Scan (91x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ Maximum value of SAR (interpolated) =  $0.556 \text{ mW/g}$ **Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ Reference Value =  $11.221 \text{ V/m}$ ; Power Drift =  $0.10 \text{ dB}$ Peak SAR (extrapolated) =  $1.075 \text{ mW/g}$ **SAR(1 g) =  $0.320 \text{ mW/g}$ ; SAR(10 g) =  $0.136 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.686 \text{ mW/g}$ 

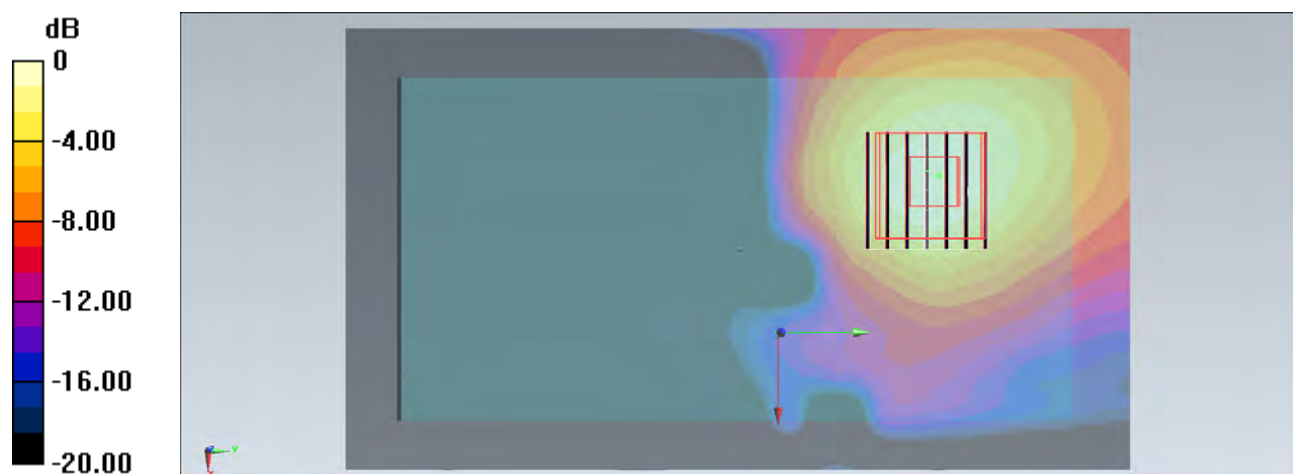
**#346\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch56;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_130706 Medium parameters used:  $f = 5280$  MHz;  $\sigma = 5.231$  S/m;  $\epsilon_r = 47.294$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $23.7^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$ 

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch56/Area Scan (91x161x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
Maximum value of SAR (interpolated) =  $0.636 \text{ W/kg}$ **Configuration/Ch56/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  
 $dz=1.4\text{mm}$ Reference Value =  $12.488 \text{ V/m}$ ; Power Drift =  $0.00 \text{ dB}$ Peak SAR (extrapolated) =  $0.984 \text{ W/kg}$ **SAR(1 g) =  $0.281 \text{ W/kg}$ ; SAR(10 g) =  $0.110 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.614 \text{ W/kg}$  $0 \text{ dB} = 0.614 \text{ W/kg} = -2.12 \text{ dBW/kg}$

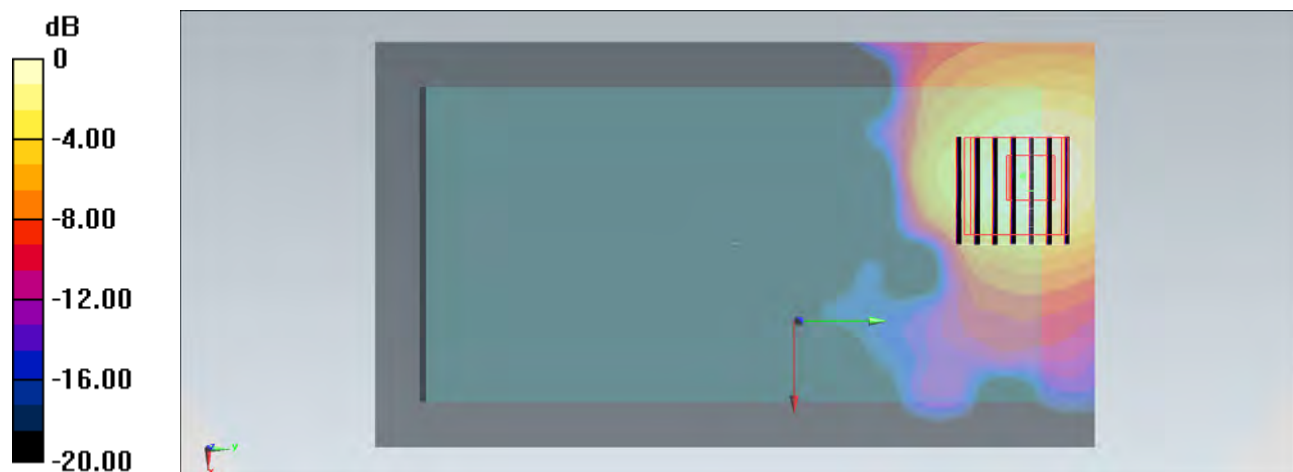
**#347\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch60;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_130706 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.27$  S/m;  $\epsilon_r = 47.255$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $23.7^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$ 

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch60/Area Scan (91x161x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
Maximum value of SAR (interpolated) =  $0.514 \text{ W/kg}$ **Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ Reference Value =  $10.811 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$ Peak SAR (extrapolated) =  $0.823 \text{ W/kg}$ **SAR(1 g) =  $0.235 \text{ W/kg}$ ; SAR(10 g) =  $0.088 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.511 \text{ W/kg}$  $0 \text{ dB} = 0.511 \text{ W/kg} = -2.92 \text{ dBW/kg}$

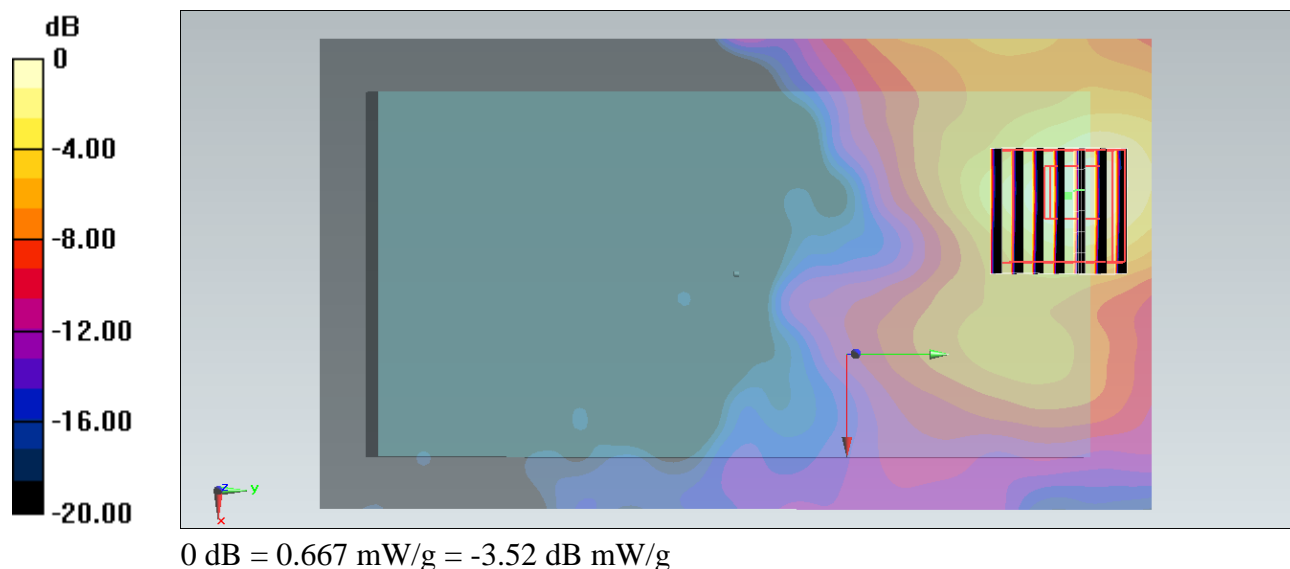
**#302\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch116;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_130706 Medium parameters used :  $f = 5580$  MHz;  $\sigma = 5.628$  mho/m;  $\epsilon_r = 46.865$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $23.7^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$ 

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch116/Area Scan (91x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ Maximum value of SAR (interpolated) =  $0.669 \text{ mW/g}$ **Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ Reference Value =  $11.664 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$ Peak SAR (extrapolated) =  $1.164 \text{ mW/g}$ **SAR(1 g) =  $0.280 \text{ mW/g}$ ; SAR(10 g) =  $0.095 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.667 \text{ mW/g}$ 

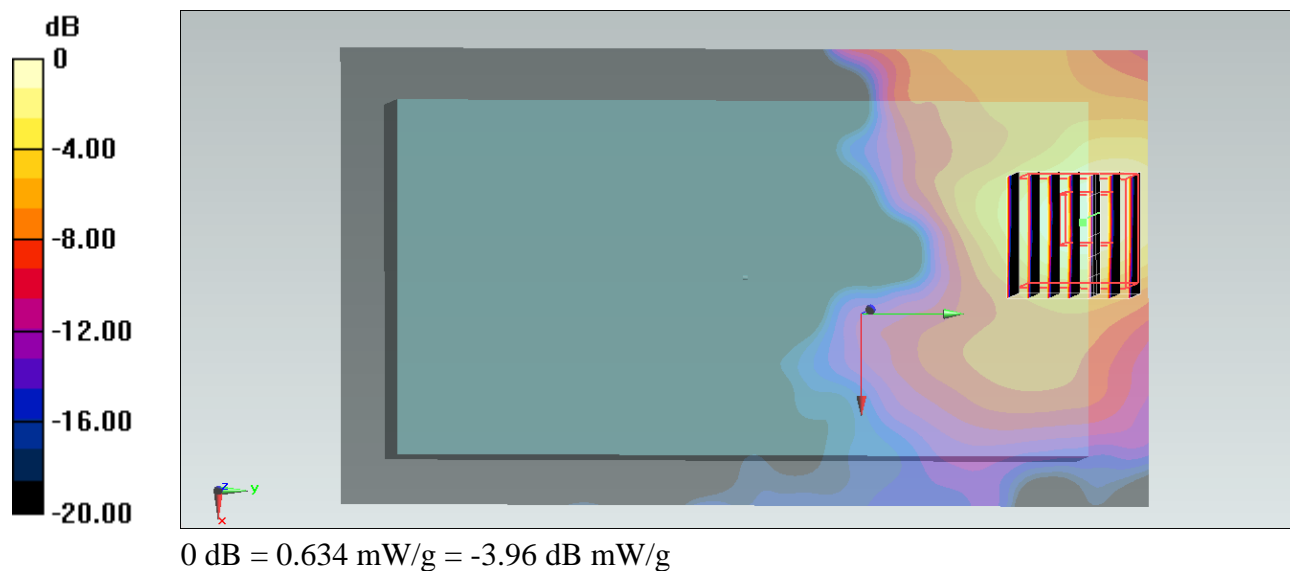
**#312\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch104;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_130706 Medium parameters used :  $f = 5520$  MHz;  $\sigma = 5.546$  mho/m;  $\epsilon_r = 46.999$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $23.7^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$ 

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.86, 3.86, 3.86); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch104/Area Scan (91x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$   
Maximum value of SAR (interpolated) =  $0.633 \text{ mW/g}$ **Configuration/Ch104/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  
 $dz=1.4\text{mm}$ Reference Value =  $11.695 \text{ V/m}$ ; Power Drift =  $-0.15 \text{ dB}$ Peak SAR (extrapolated) =  $1.078 \text{ mW/g}$ **SAR(1 g) =  $0.269 \text{ mW/g}$ ; SAR(10 g) =  $0.091 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.634 \text{ mW/g}$ 



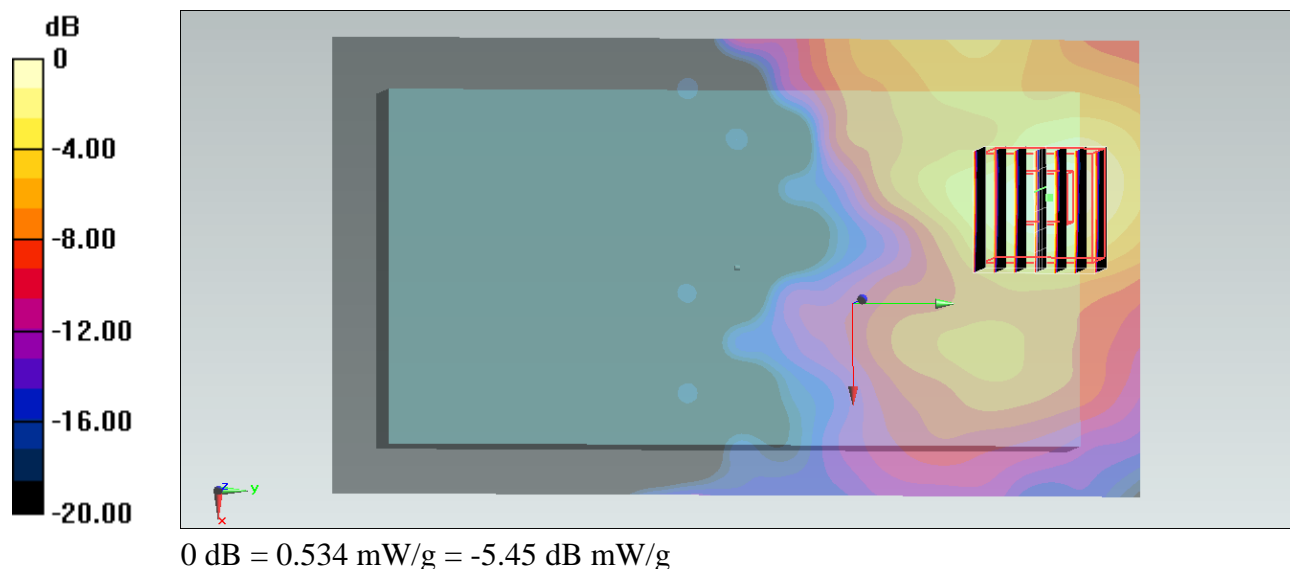
**#311\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch124;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11a; Frequency: 5620 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_130706 Medium parameters used :  $f = 5620$  MHz;  $\sigma = 5.692$  mho/m;  $\epsilon_r = 46.78$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $23.7^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$ 

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch124/Area Scan (91x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ Maximum value of SAR (interpolated) =  $0.546 \text{ mW/g}$ **Configuration/Ch124/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ Reference Value =  $10.767 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$ Peak SAR (extrapolated) =  $0.952 \text{ mW/g}$ **SAR(1 g) =  $0.220 \text{ mW/g}$ ; SAR(10 g) =  $0.076 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.534 \text{ mW/g}$ 

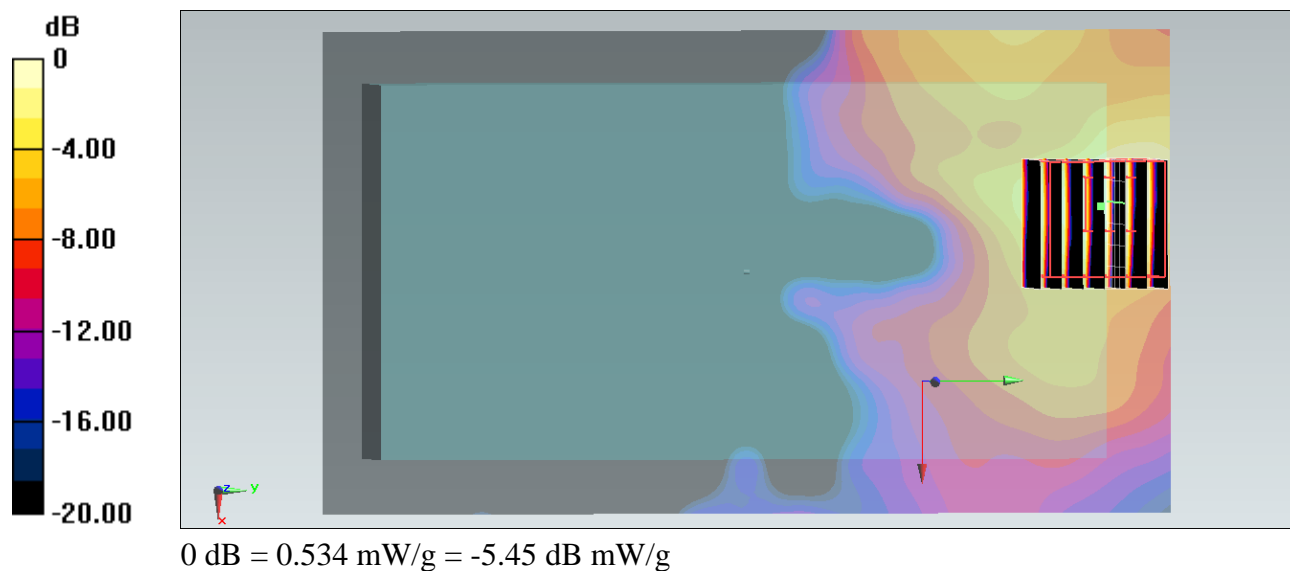
**#313\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch136;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11a; Frequency: 5680 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_130706 Medium parameters used :  $f = 5680$  MHz;  $\sigma = 5.792$  mho/m;  $\epsilon_r = 46.713$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $23.7^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$ 

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch136/Area Scan (91x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$   
Maximum value of SAR (interpolated) =  $0.530 \text{ mW/g}$ **Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  
 $dz=1.4\text{mm}$ Reference Value =  $10.334 \text{ V/m}$ ; Power Drift =  $-0.08 \text{ dB}$ Peak SAR (extrapolated) =  $0.943 \text{ mW/g}$ **SAR(1 g) =  $0.216 \text{ mW/g}$ ; SAR(10 g) =  $0.072 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.534 \text{ mW/g}$ 

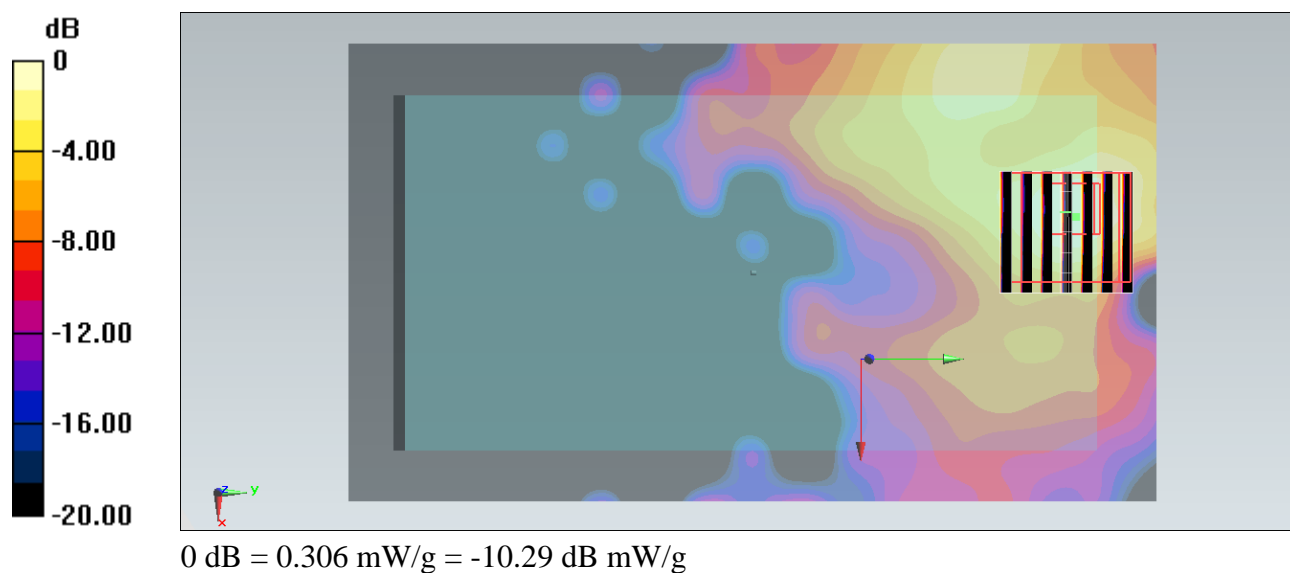
**#303\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch157;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_130706 Medium parameters used :  $f = 5785$  MHz;  $\sigma = 5.978$  mho/m;  $\epsilon_r = 46.584$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $23.7^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$ 

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.92, 3.92, 3.92); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch157/Area Scan (91x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ Maximum value of SAR (interpolated) =  $0.298 \text{ mW/g}$ **Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ Reference Value =  $7.713 \text{ V/m}$ ; Power Drift =  $-0.10 \text{ dB}$ Peak SAR (extrapolated) =  $0.504 \text{ mW/g}$ **SAR(1 g) =  $0.118 \text{ mW/g}$ ; SAR(10 g) =  $0.039 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.306 \text{ mW/g}$ 

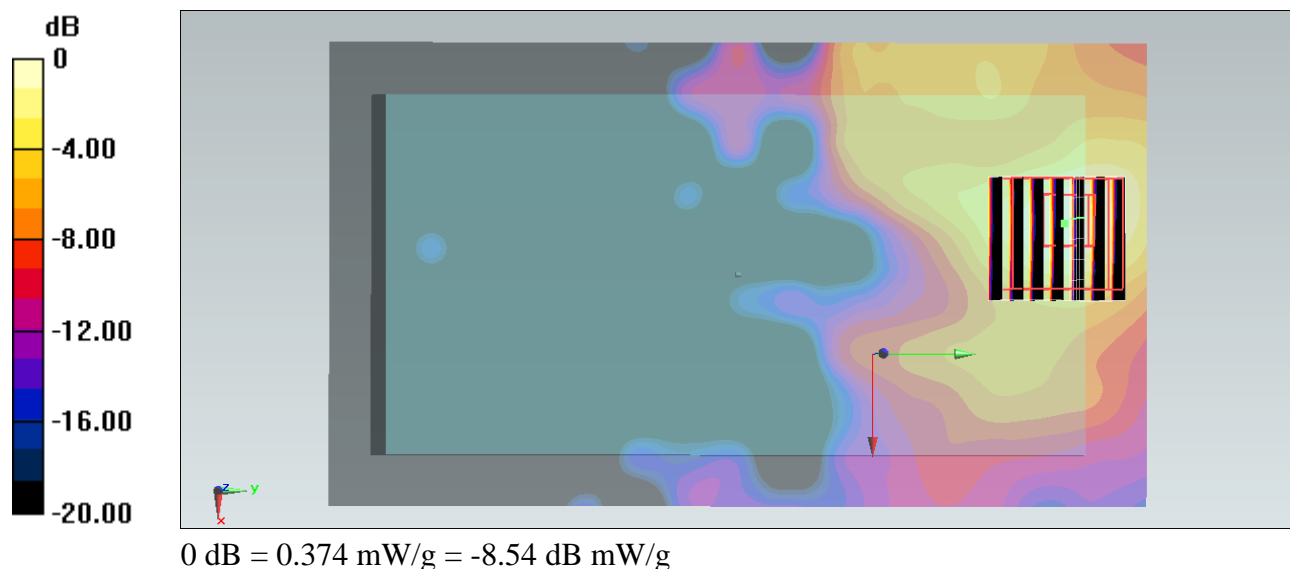
**#314\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch149;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_130706 Medium parameters used :  $f = 5745$  MHz;  $\sigma = 5.936$  mho/m;  $\epsilon_r = 46.728$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $23.7^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$ 

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.92, 3.92, 3.92); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch149/Area Scan (91x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$   
Maximum value of SAR (interpolated) =  $0.383 \text{ mW/g}$ **Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  
 $dz=1.4\text{mm}$ Reference Value =  $8.204 \text{ V/m}$ ; Power Drift =  $-0.16 \text{ dB}$ Peak SAR (extrapolated) =  $0.637 \text{ mW/g}$ **SAR(1 g) =  $0.152 \text{ mW/g}$ ; SAR(10 g) =  $0.050 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.374 \text{ mW/g}$ 

**#315\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch165;Battery1\_With Scanner****DUT: 322304-07**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_130706 Medium parameters used :  $f = 5825$  MHz;  $\sigma = 6.054$  mho/m;  $\epsilon_r = 46.462$ ;  $\rho =$  $1000 \text{ kg/m}^3$ Ambient Temperature :  $23.7^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$ 

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.92, 3.92, 3.92); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch165/Area Scan (91x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ Maximum value of SAR (interpolated) =  $0.236 \text{ mW/g}$ **Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ Reference Value =  $7.140 \text{ V/m}$ ; Power Drift =  $0.16 \text{ dB}$ Peak SAR (extrapolated) =  $0.442 \text{ mW/g}$ **SAR(1 g) =  $0.104 \text{ mW/g}$ ; SAR(10 g) =  $0.036 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.286 \text{ mW/g}$ 