

#72_WCDMA V_RMC 12.2K_Bottom Face_1cm_Ch4132**DUT: 311130**

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

Medium: MSL_850_130103 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 54.786$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

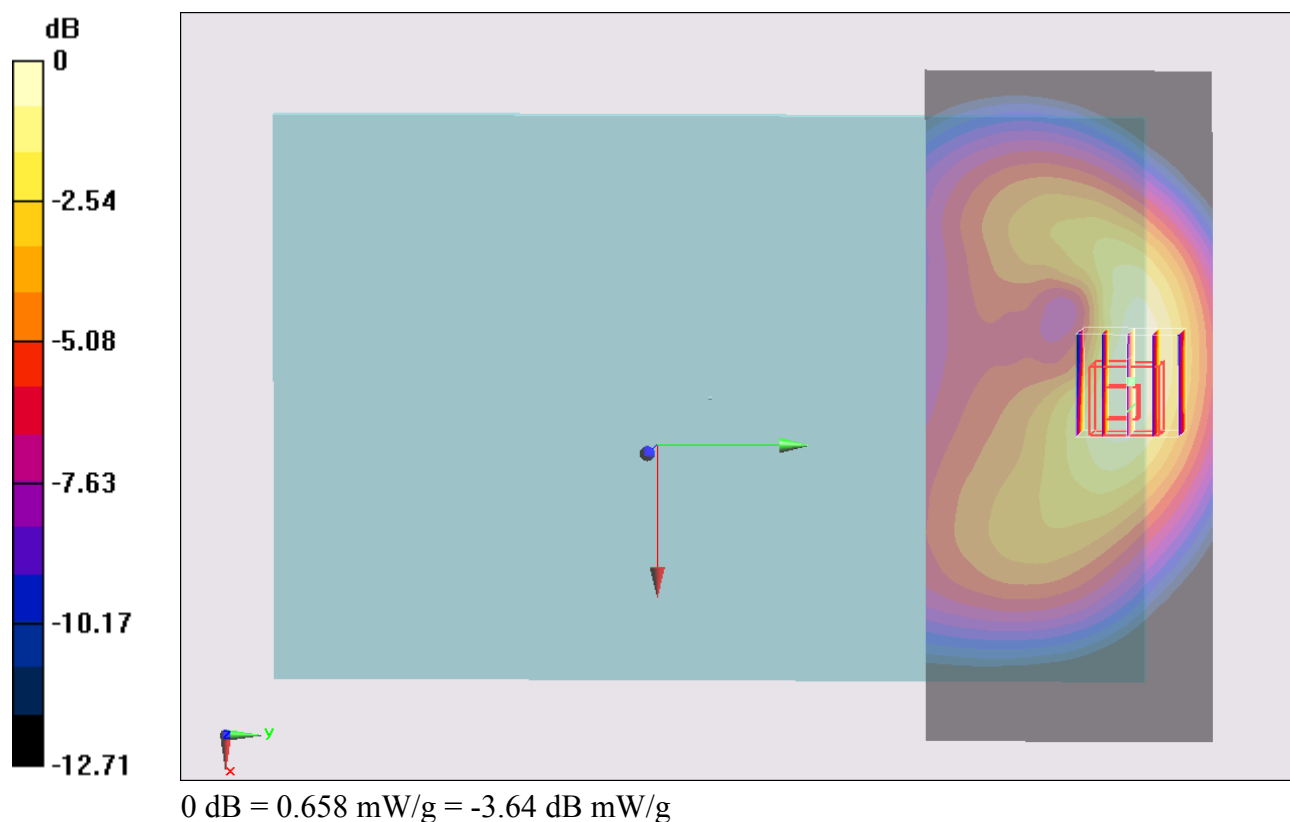
Configuration/Ch4132/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.664 mW/g**Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.670 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.905 mW/g

SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.408 mW/g

Maximum value of SAR (measured) = 0.658 mW/g



#73_WCDMA V_RMC 12.2K_Bottom Face_1cm_Ch4182**DUT: 311130**

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

Medium: MSL_850_130103 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 54.716$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

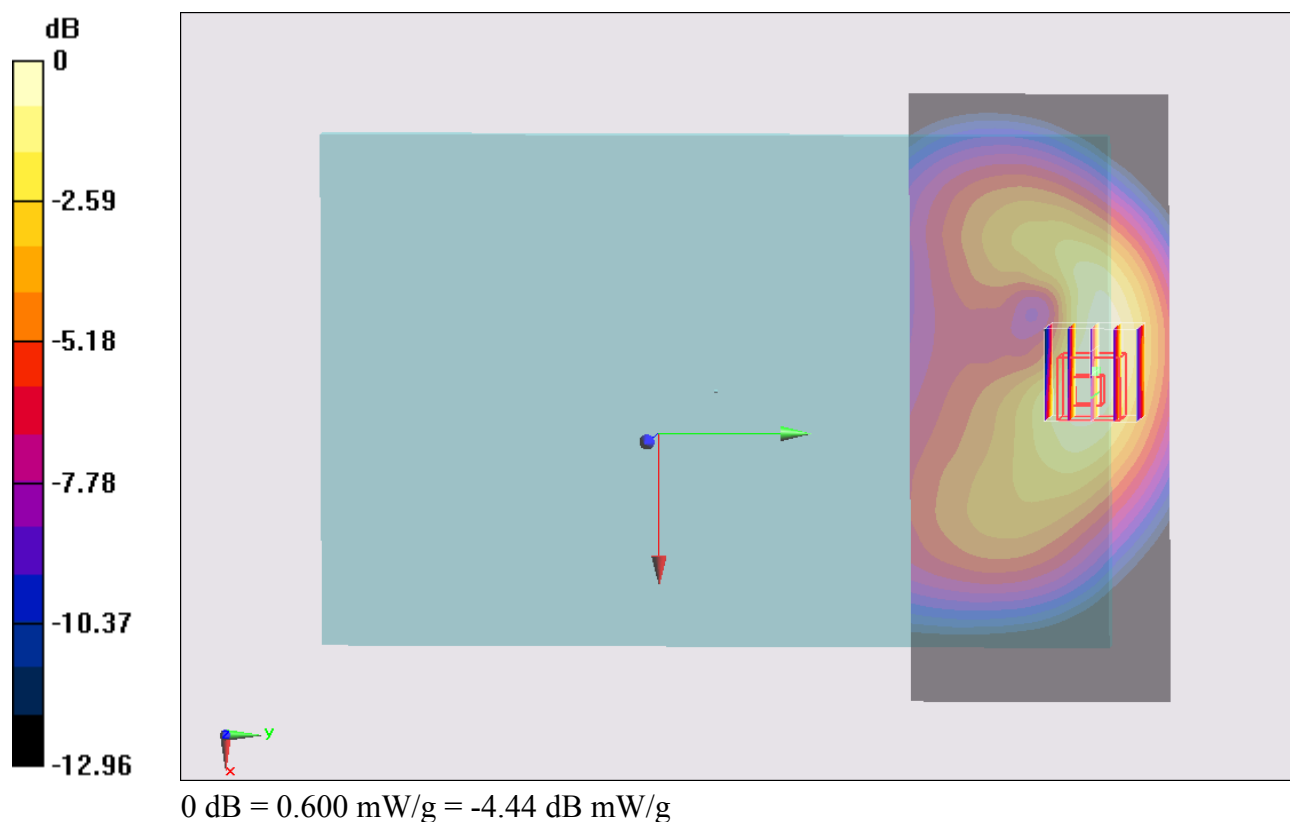
Configuration/Ch4182/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.611 mW/g**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.043 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.827 mW/g

SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.369 mW/g

Maximum value of SAR (measured) = 0.600 mW/g



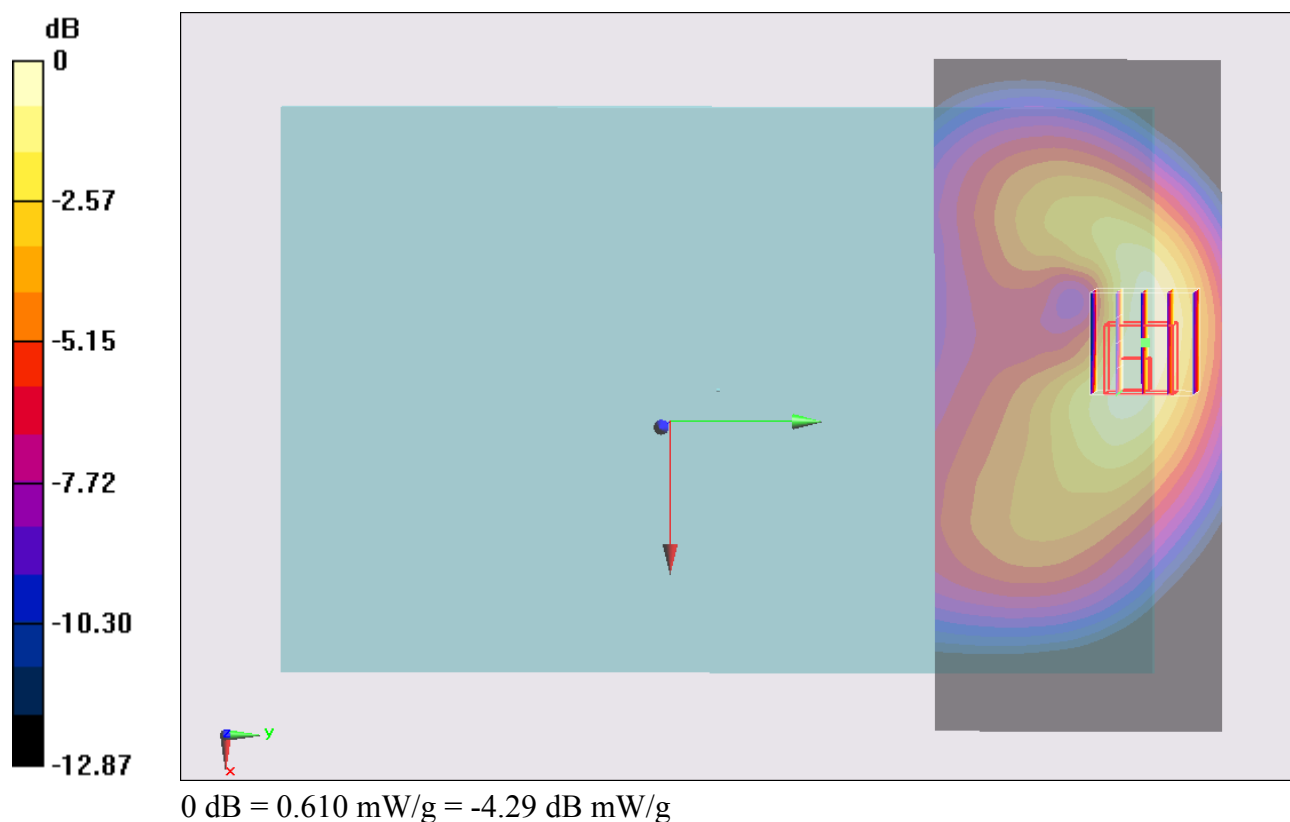
#74_WCDMA V_RMC 12.2K_Bottom Face_1cm_Ch4233**DUT: 311130**

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

Medium: MSL_850_130103 Medium parameters used: $f = 847$ MHz; $\sigma = 1.007$ mho/m; $\epsilon_r = 54.629$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4233/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.606 mW/g **Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 26.592 V/m ; Power Drift = 0.06 dB Peak SAR (extrapolated) = 0.825 mW/g **SAR(1 g) = 0.567 mW/g ; SAR(10 g) = 0.351 mW/g** Maximum value of SAR (measured) = 0.610 mW/g 

#92_WCDMA V_RMC 12.2K_Edge1_0cm_Ch4132**DUT: 311130**

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

Medium: MSL_850_130103 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 54.786$; $\rho =$ 1000 kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4132/Area Scan (41x201x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 13.009 V/m; Power Drift = 0.166 dB

Peak SAR (extrapolated) = 0.192 mW/g

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.139 mW/g

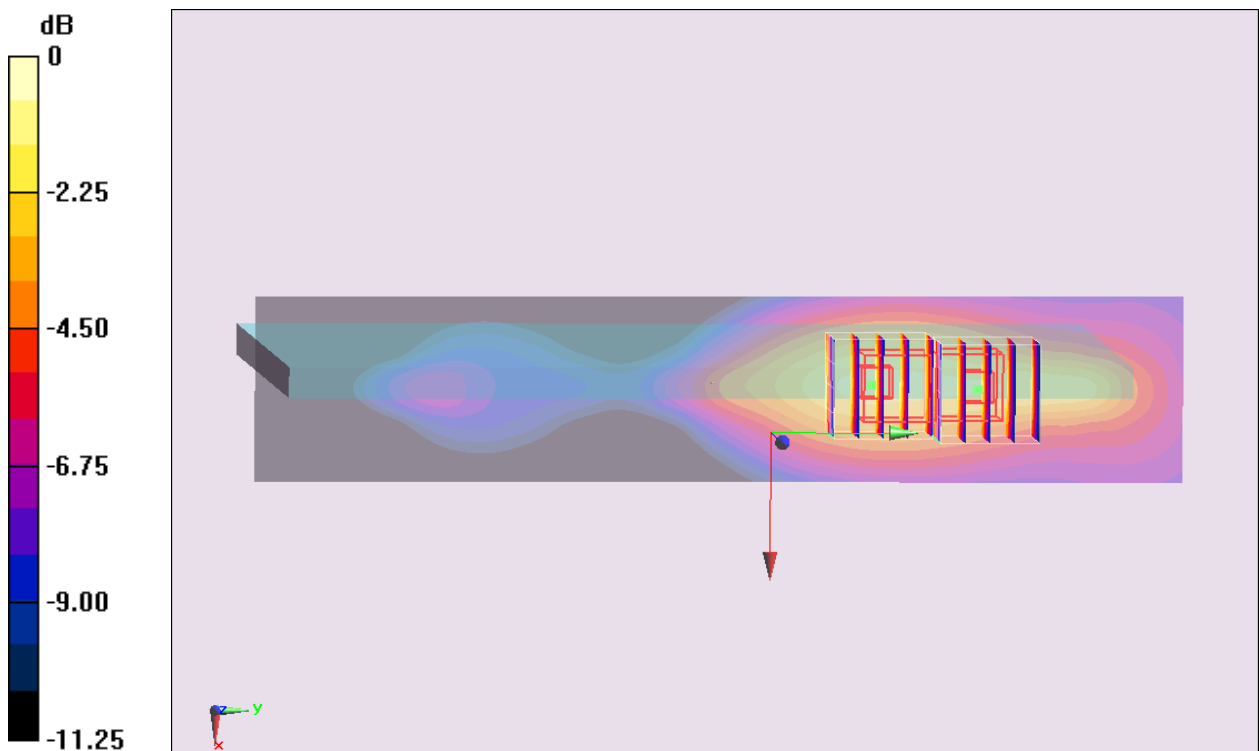
Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.009 V/m; Power Drift = 0.166 dB

Peak SAR (extrapolated) = 0.210 mW/g

SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.143 mW/g



0 dB = 0.143 mW/g = -16.89 dB mW/g

#75_WCDMA V_RMC 12.2K_Edge2_0.5cm_Ch4132**DUT: 311130**

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

Medium: MSL_850_130103 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 54.786$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4132/Area Scan (41x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.35 mW/g

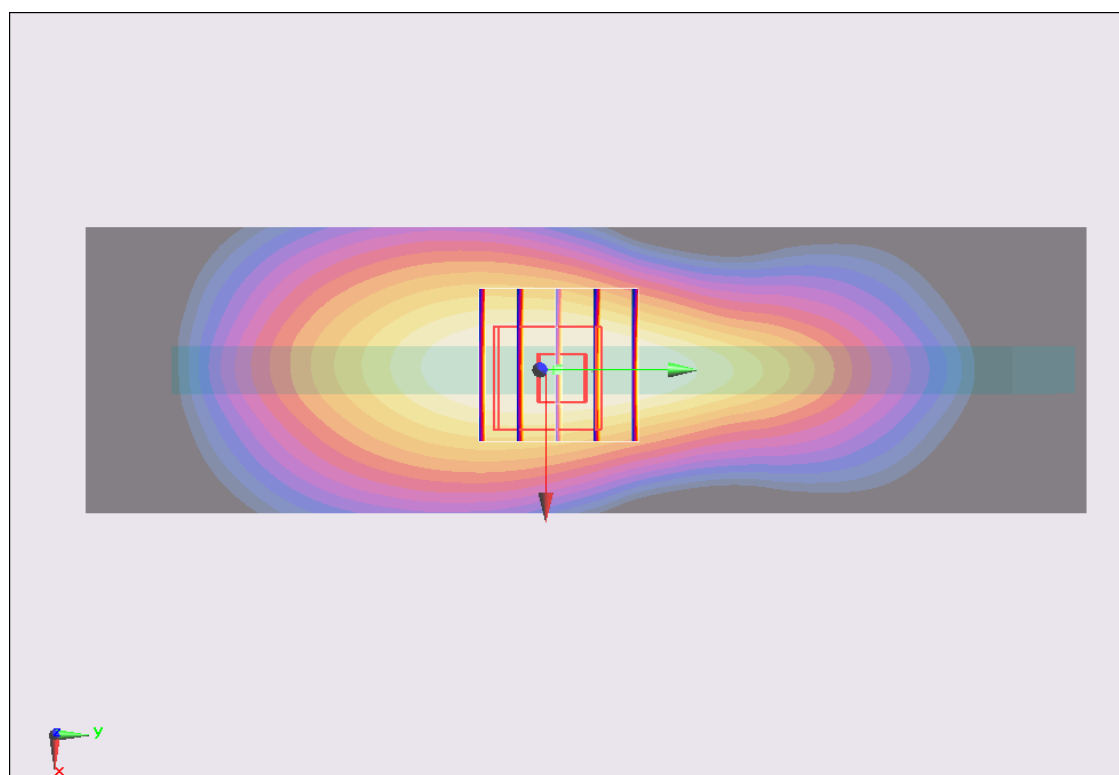
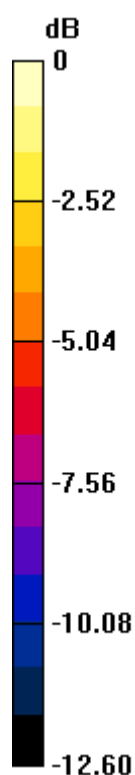
Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.573 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 1.641 mW/g

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.630 mW/g

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



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

#76_WCDMA V_RMC 12.2K_Edge2_0.5cm_Ch4182**DUT: 311130**

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

Medium: MSL_850_130103 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 54.716$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

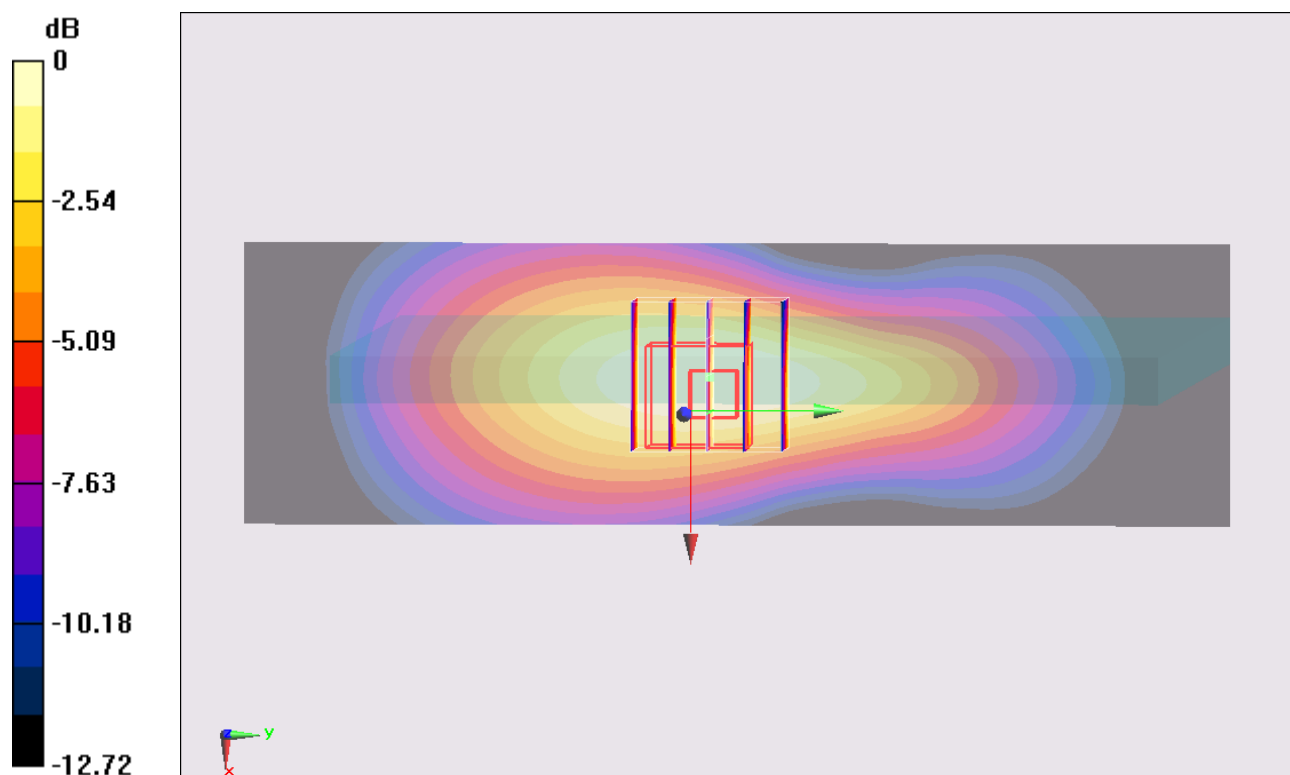
Configuration/Ch4182/Area Scan (41x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.965 mW/g**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.096 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.416 mW/g

SAR(1 g) = 0.890 mW/g; SAR(10 g) = 0.550 mW/g

Maximum value of SAR (measured) = 0.915 mW/g



#77_WCDMA V_RMC 12.2K_Edge2_0.5cm_Ch4233**DUT: 311130**

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

Medium: MSL_850_130103 Medium parameters used: $f = 847$ MHz; $\sigma = 1.007$ mho/m; $\epsilon_r = 54.629$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4233/Area Scan (41x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.824 mW/g

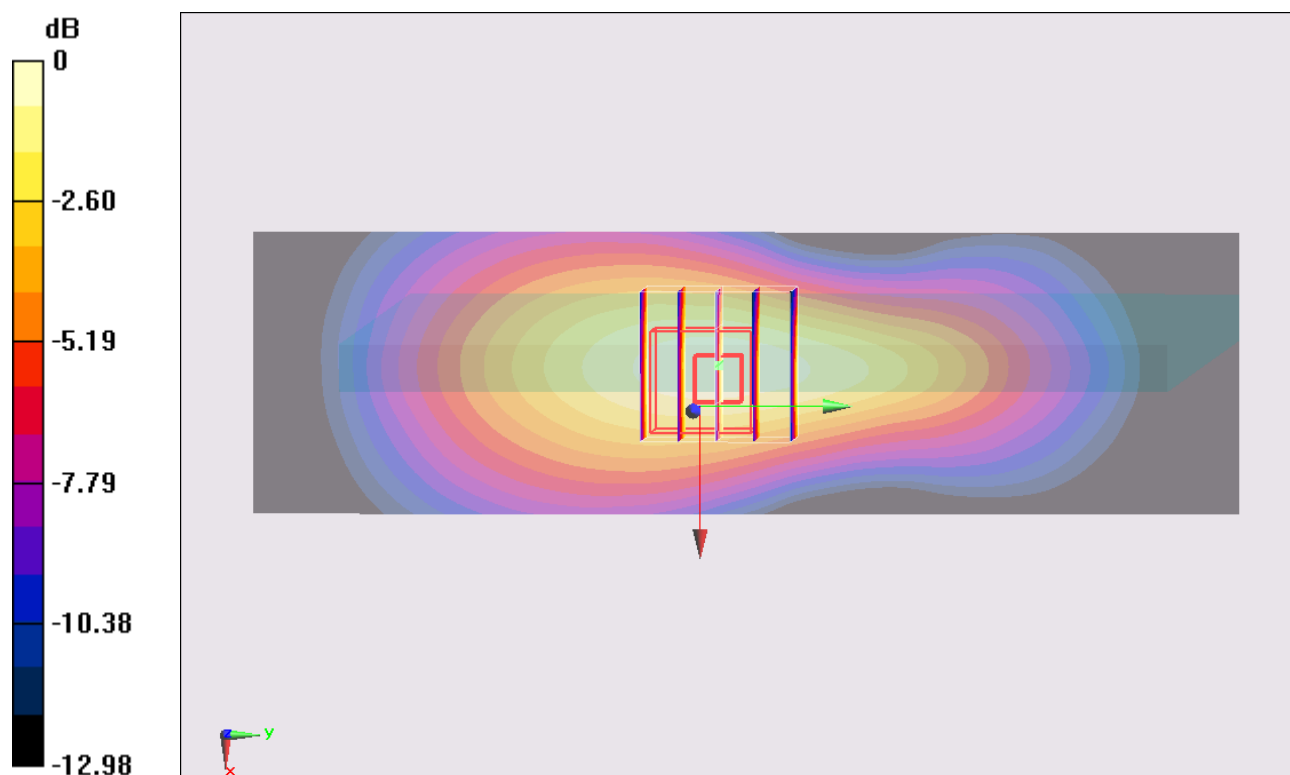
Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 33.591 V/m ; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 1.331 mW/g

SAR(1 g) = 0.839 mW/g ; SAR(10 g) = 0.521 mW/g

Maximum value of SAR (measured) = 0.863 mW/g



0 dB = 0.863 mW/g = -1.28 dB mW/g

#93_WCDMA V_RMC 12.2K_Edge3_0cm_Ch4132**DUT: 311130**

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

Medium: MSL_850_130103 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 54.786$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4132/Area Scan (41x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.179 mW/g

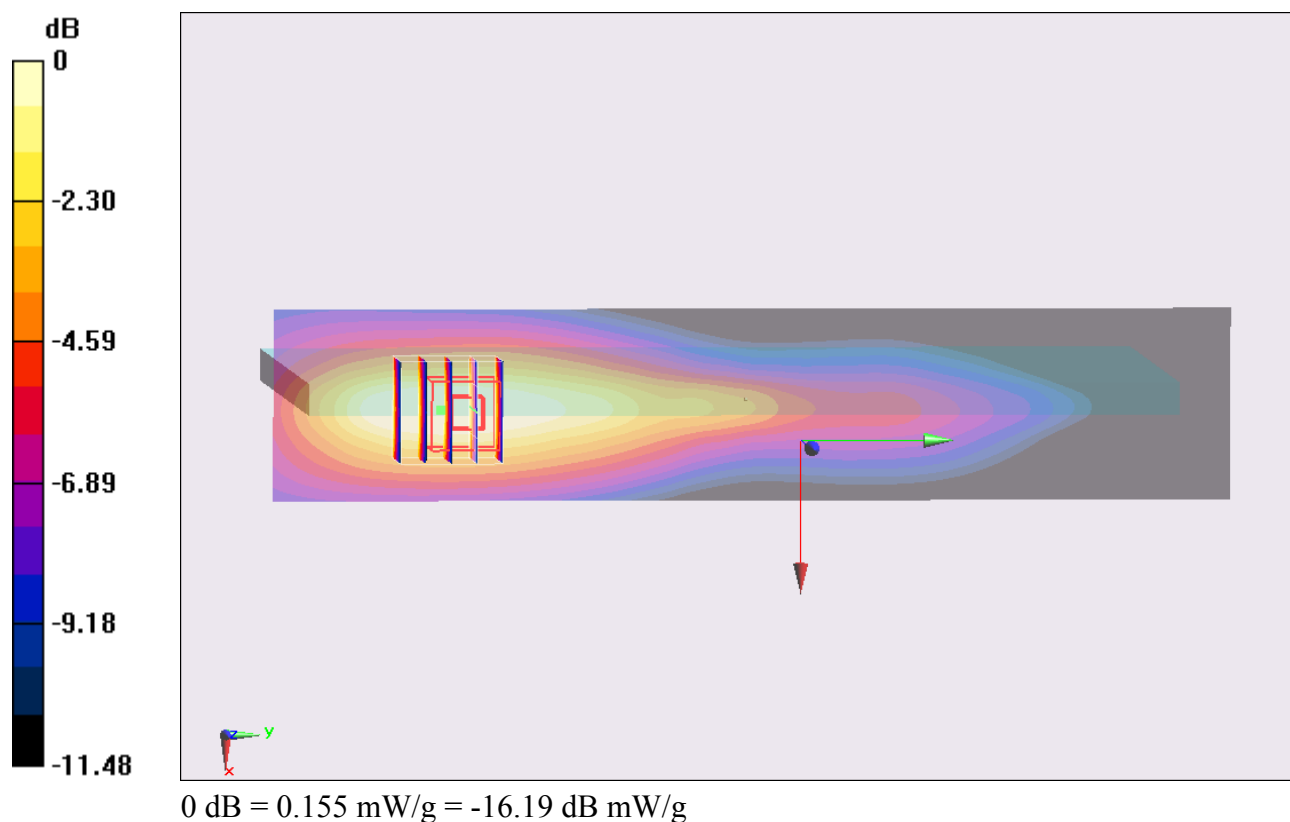
Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.993 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.234 mW/g

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.155 mW/g



#01_WCDMA V_RMC 12.2K_Bottom Face_0cm_Ch4132**DUT: 311130**

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

Medium: MSL_850_121219 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 56.022$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

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

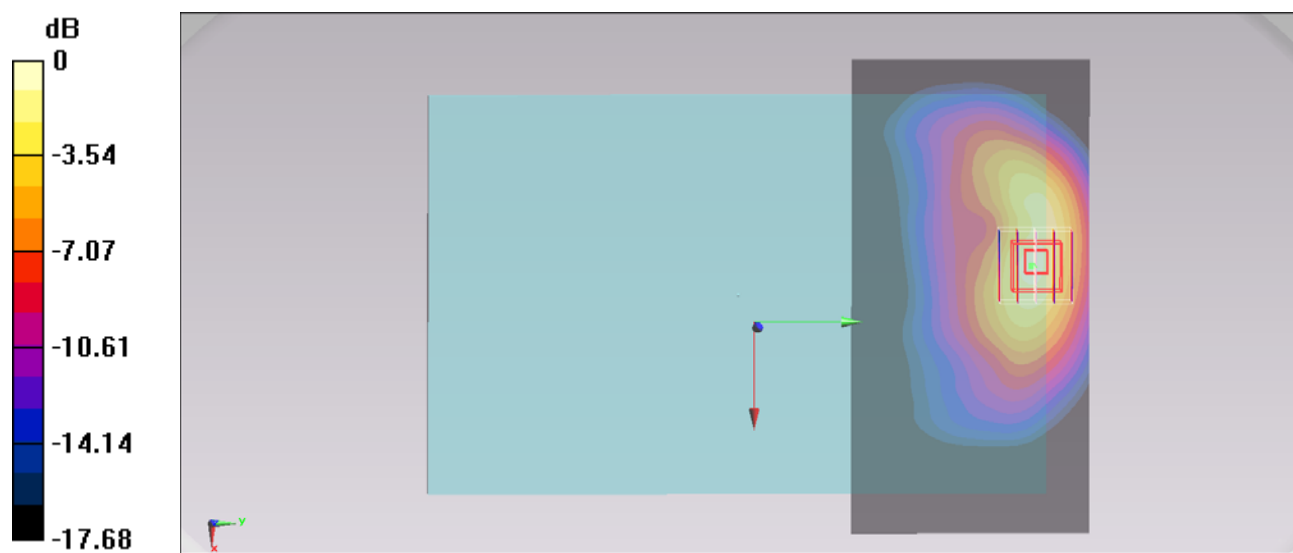
Configuration/Ch4132/Area Scan (141x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.17 mW/g**Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.134 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.011 mW/g

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.590 mW/g

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



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

#04_WCDMA V_RMC 12.2K_Bottom Face_0cm_Ch4132_Repeat**DUT: 311130**

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

Medium: MSL_850_121219 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 56.022$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

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

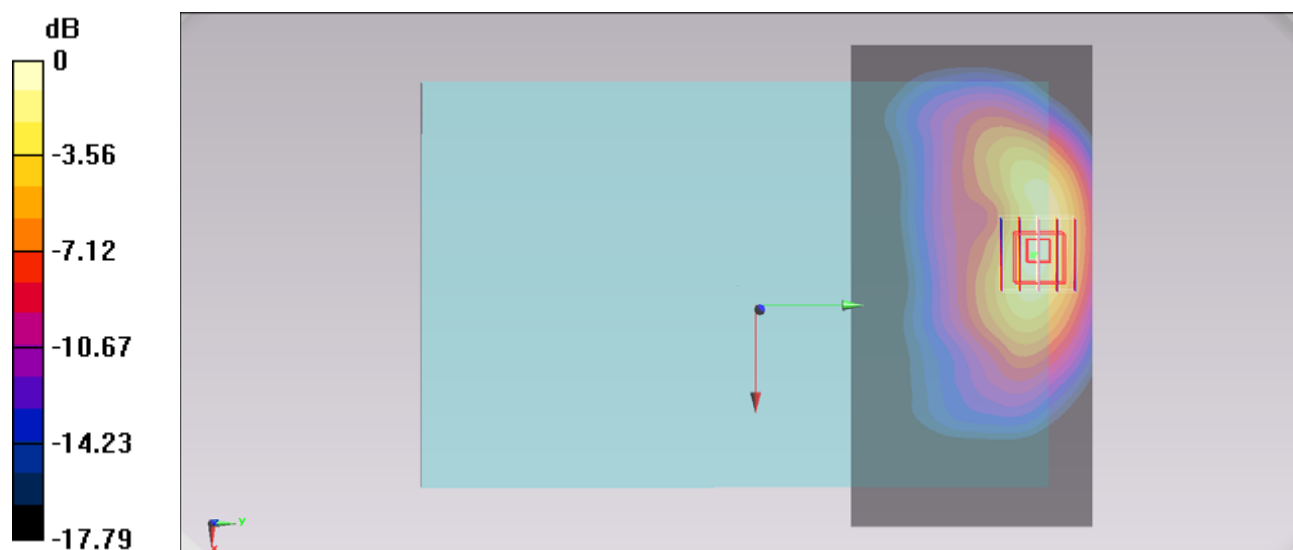
Configuration/Ch4132/Area Scan (141x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.18 mW/g**Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.067 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.979 mW/g

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.587 mW/g

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



0 dB = 1.35 mW/g = 2.61 dB mW/g

#02_WCDMA V_RMC 12.2K_Bottom Face_0cm_Ch4182**DUT: 311130**

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

Medium: MSL_850_121219 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 55.965$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

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

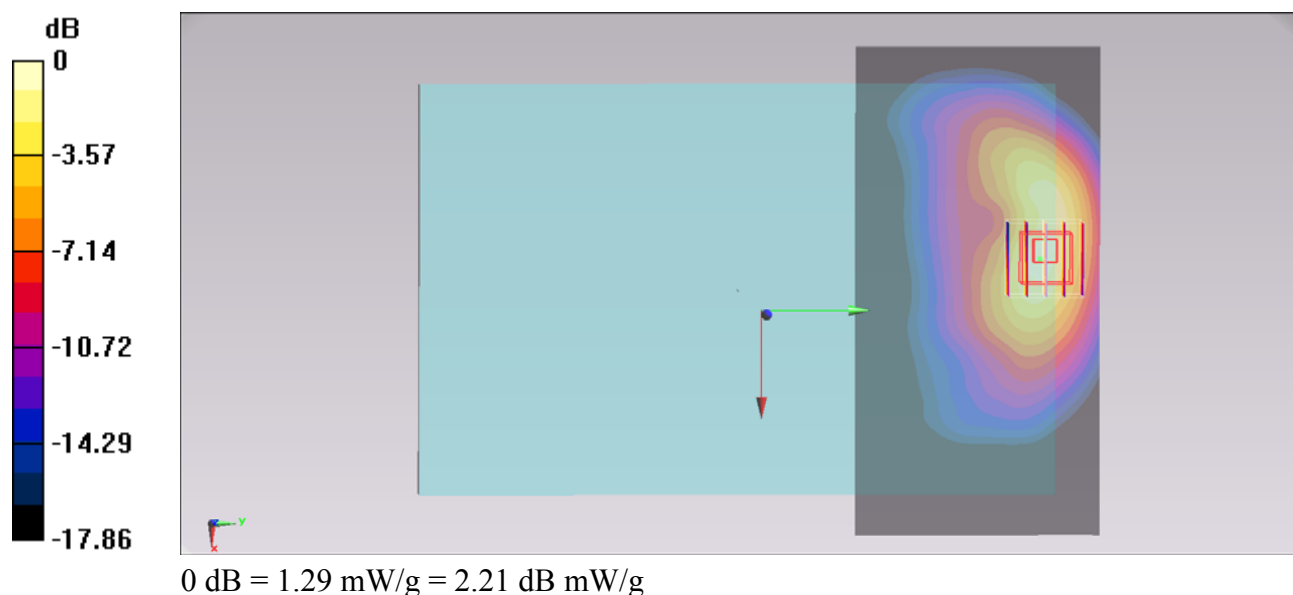
Configuration/Ch4182/Area Scan (141x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.13 mW/g**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.865 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.895 mW/g

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.553 mW/g

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



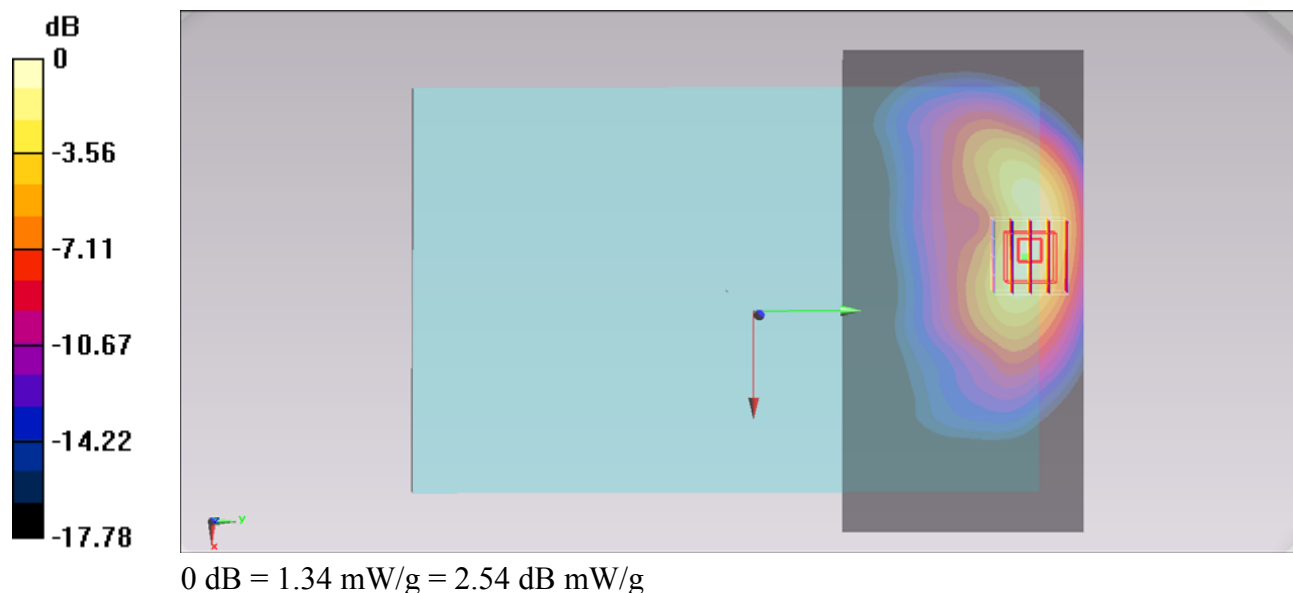
#03_WCDMA V_RMC 12.2K_Bottom Face_0cm_Ch4233**DUT: 311130**

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

Medium: MSL_850_121219 Medium parameters used: $f = 847$ MHz; $\sigma = 1.009$ mho/m; $\epsilon_r = 55.903$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.7°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

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

Configuration/Ch4233/Area Scan (141x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 1.19 mW/g **Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 37.442 V/m ; Power Drift = 0.08 dB Peak SAR (extrapolated) = 1.958 mW/g **SAR(1 g) = 1.05 mW/g ; SAR(10 g) = 0.573 mW/g** Maximum value of SAR (measured) = 1.34 mW/g 

#114_WCDMA V_HSDPA Subtest-1_Bottom Face_0cm_Ch4132**DUT: 311130**

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

Medium: MSL_850_130103 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 54.786$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4132/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.03 mW/g

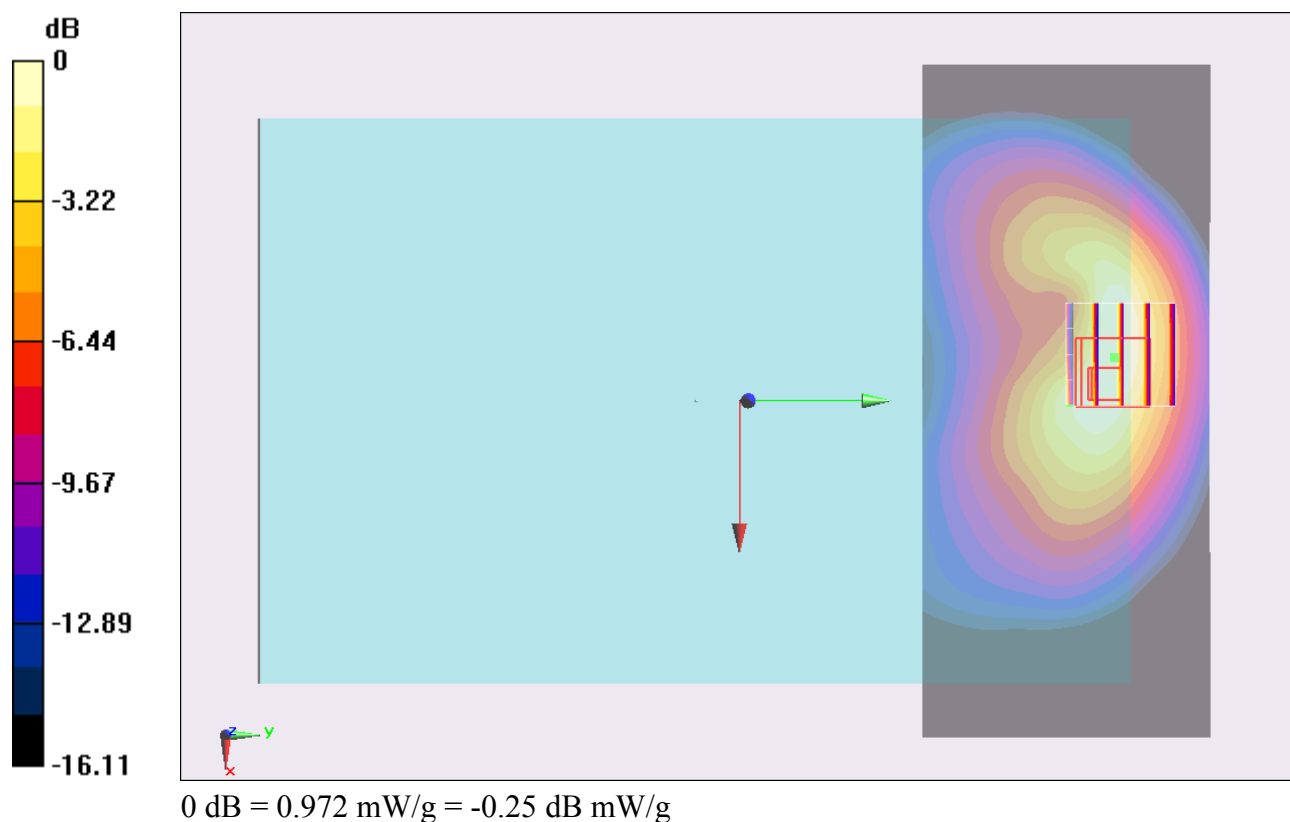
Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.955 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 1.768 mW/g

SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.517 mW/g

Maximum value of SAR (measured) = 0.972 mW/g



#115_WCDMA V_HSDPA Subtest-1_Bottom Face_0cm_Ch4182**DUT: 311130**

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

Medium: MSL_850_130103 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 54.716$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

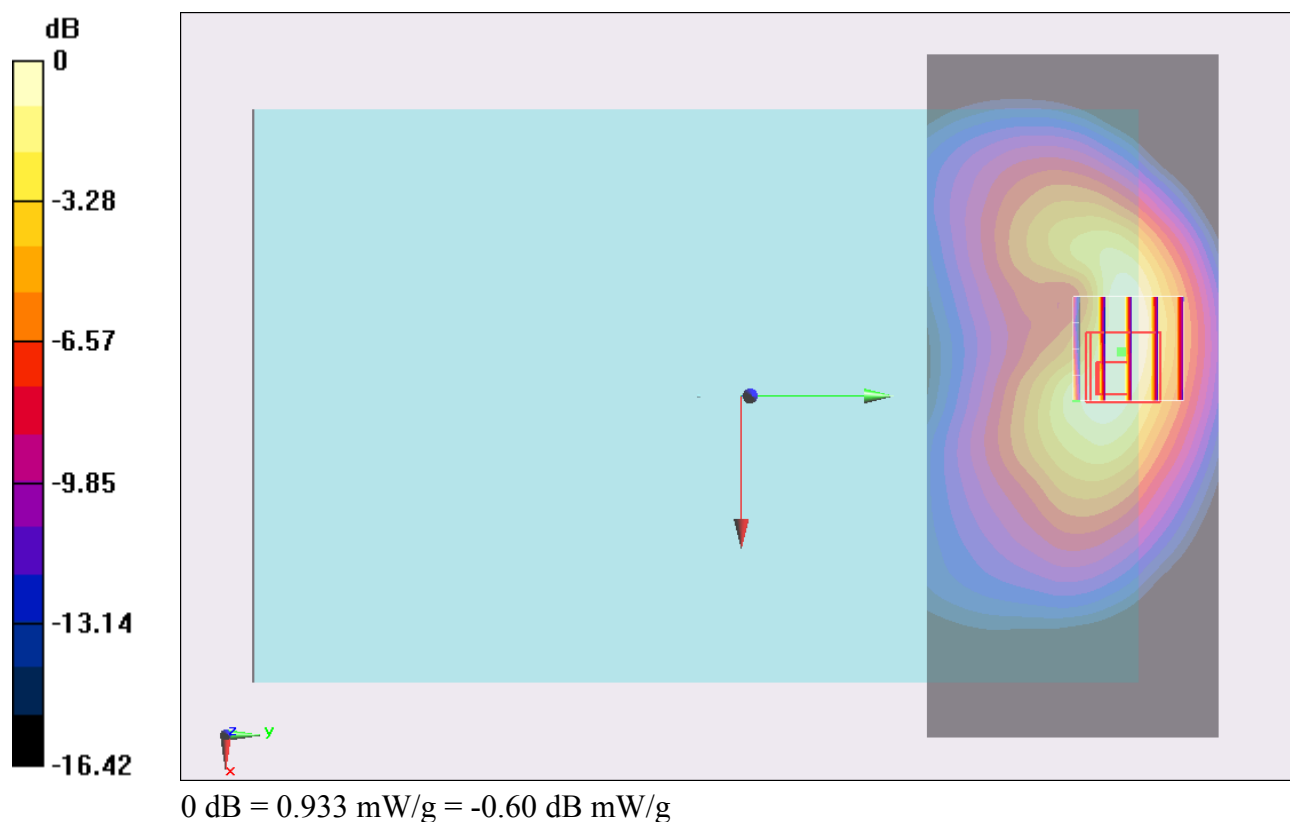
Configuration/Ch4182/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.00 mW/g**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.064 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 1.652 mW/g

SAR(1 g) = 0.897 mW/g; SAR(10 g) = 0.491 mW/g

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



#116_WCDMA V_HSDPA Subtest-1_Bottom Face_0cm_Ch4233**DUT: 311130**

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

Medium: MSL_850_130103 Medium parameters used: $f = 847$ MHz; $\sigma = 1.007$ mho/m; $\epsilon_r = 54.629$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4233/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.986 mW/g

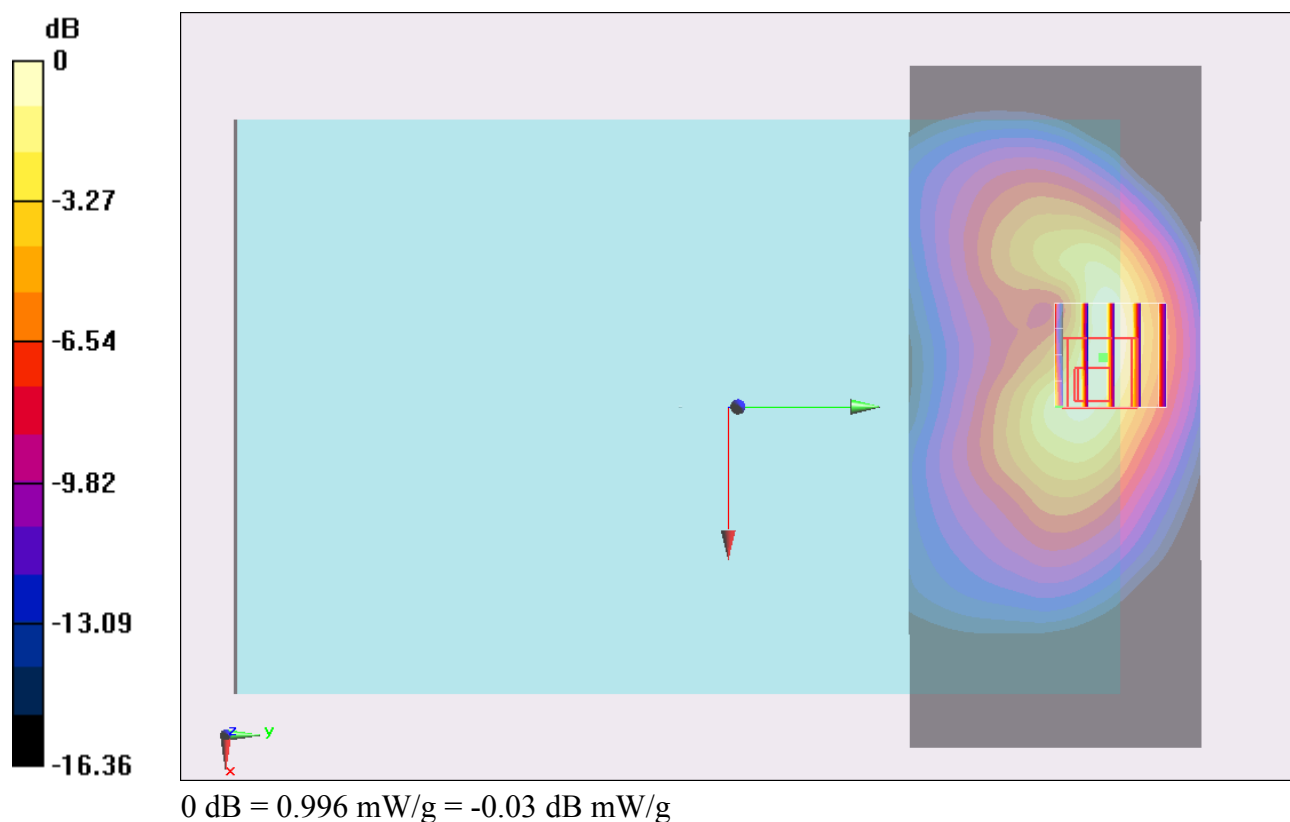
Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.376 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.817 mW/g

SAR(1 g) = 0.958 mW/g ; SAR(10 g) = 0.514 mW/g

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



#117_WCDMA V_HSUPA Subtest-5_Bottom Face_0cm_Ch4132**DUT: 311130**

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

Medium: MSL_850_130103 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 54.786$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4132/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.998 mW/g

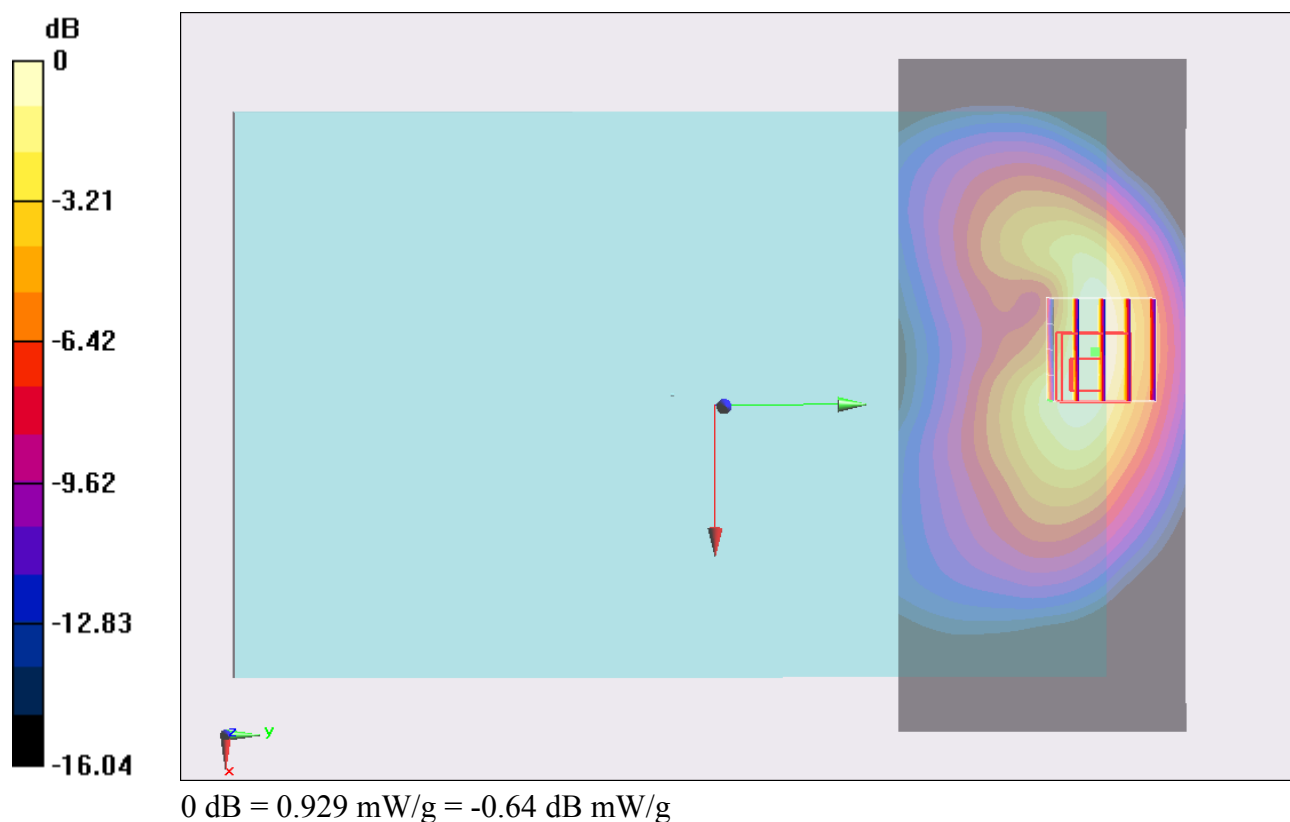
Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.732 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 1.682 mW/g

SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.500 mW/g

Maximum value of SAR (measured) = 0.929 mW/g



#118_WCDMA V_HSUPA Subtest-5_Bottom Face_0cm_Ch4182**DUT: 311130**

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

Medium: MSL_850_130103 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 54.716$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4182/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.947 mW/g

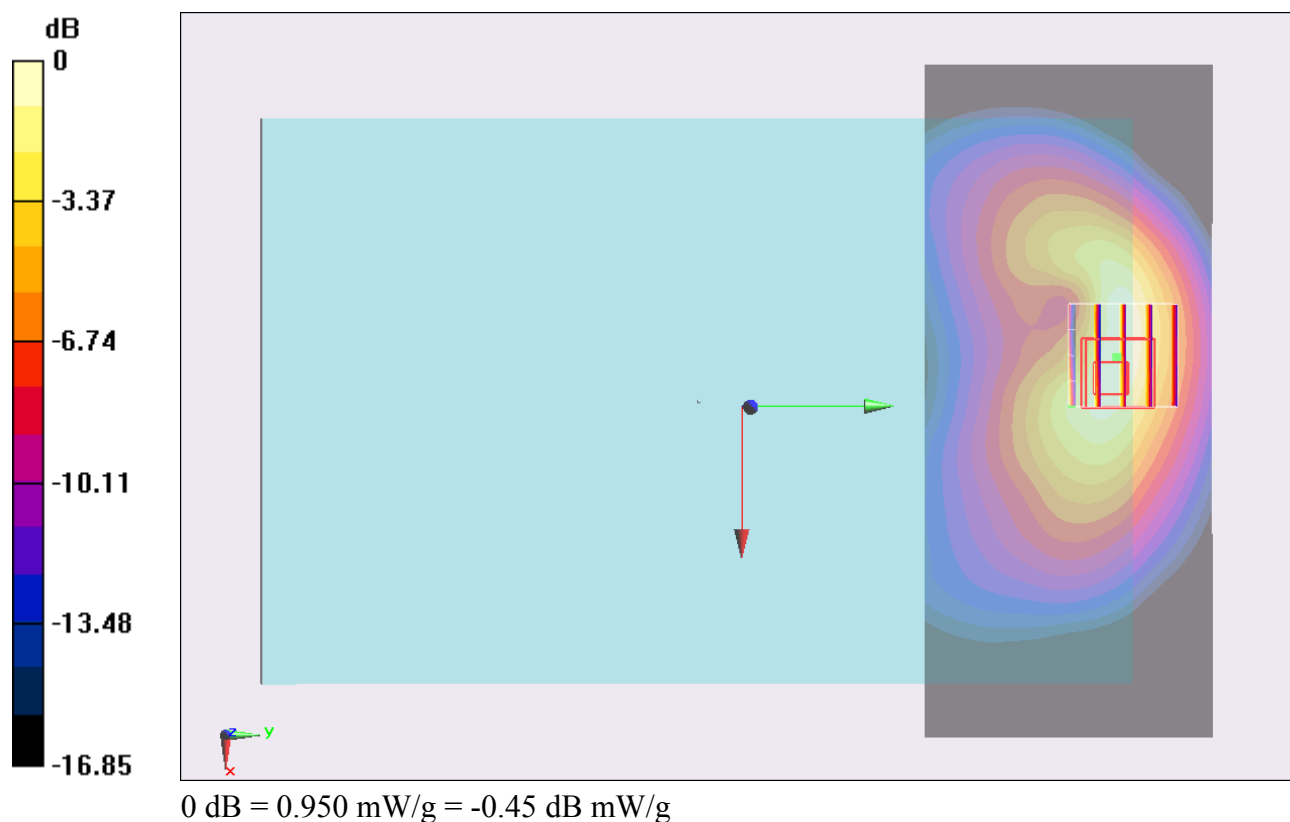
Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.200 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.689 mW/g

SAR(1 g) = 0.905 mW/g; SAR(10 g) = 0.495 mW/g

Maximum value of SAR (measured) = 0.950 mW/g



#119_WCDMA V_HSUPA Subtest-5_Bottom Face_0cm_Ch4233**DUT: 311130**

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

Medium: MSL_850_130103 Medium parameters used: $f = 847$ MHz; $\sigma = 1.007$ mho/m; $\epsilon_r = 54.629$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4233/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 1.01 mW/g

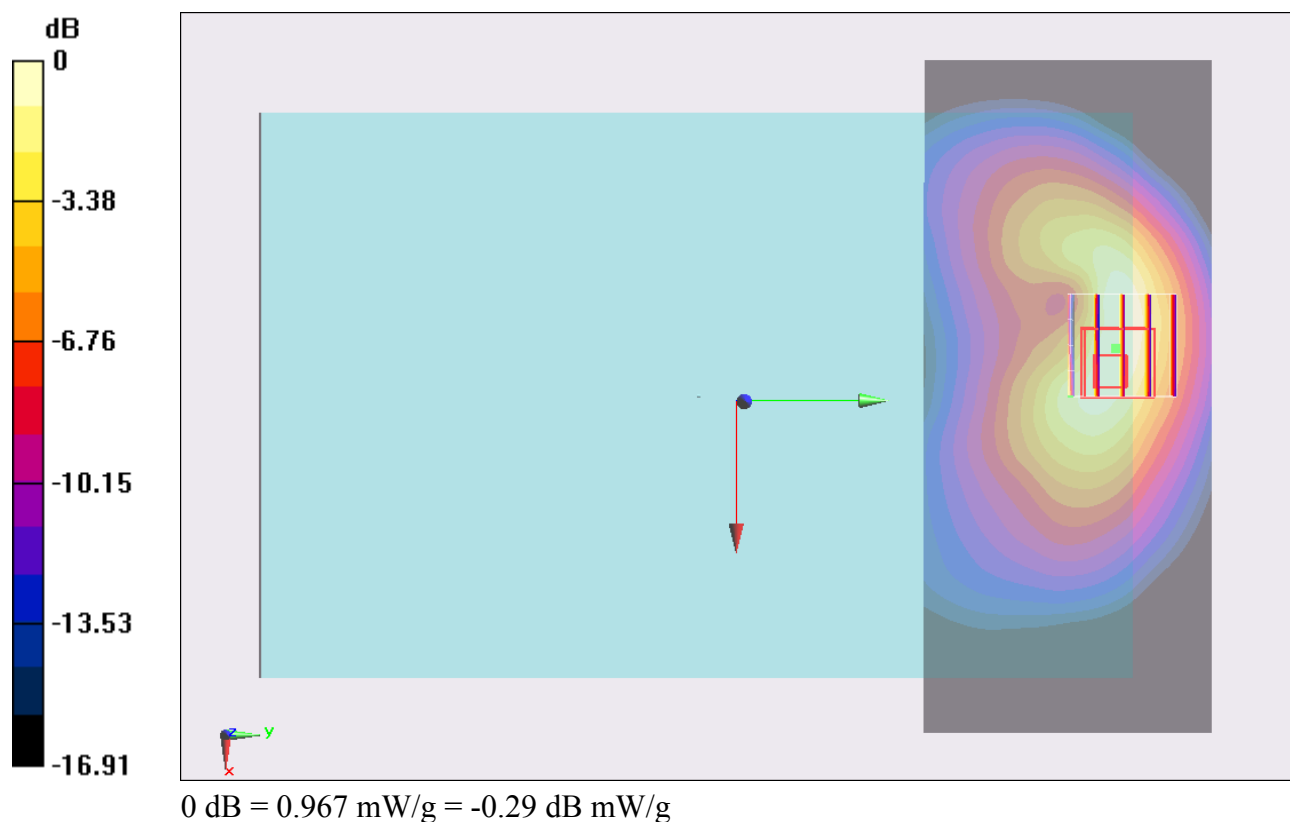
Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.113 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.714 mW/g

SAR(1 g) = 0.919 mW/g ; SAR(10 g) = 0.499 mW/g

Maximum value of SAR (measured) = 0.967 mW/g



#05_WCDMA V_RMC 12.2K_Edge2_0cm_Ch4132**DUT: 311130**

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

Medium: MSL_850_121219 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 56.022$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

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

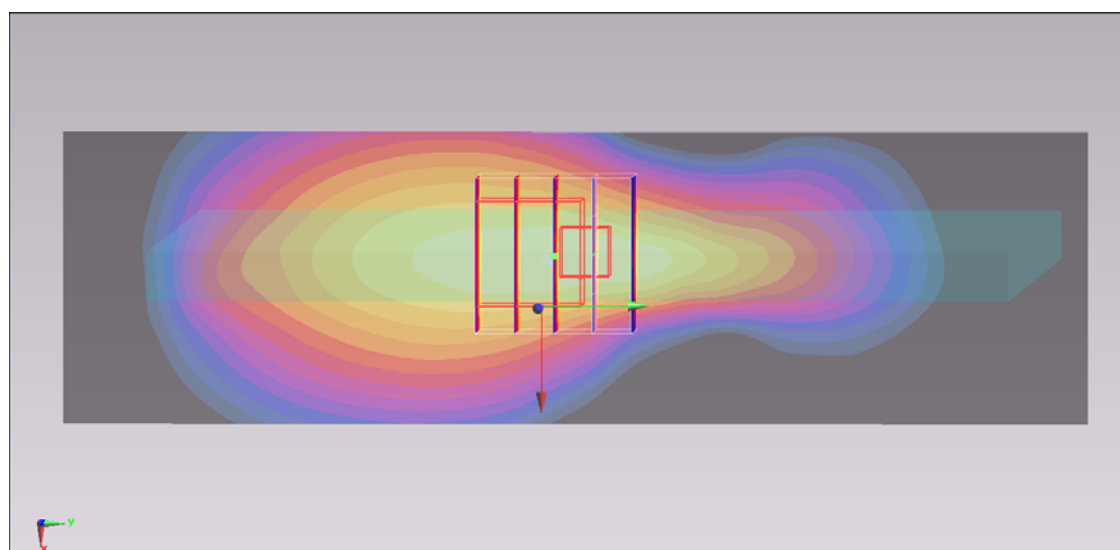
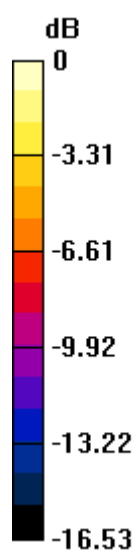
Configuration/Ch4132/Area Scan (41x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.731 mW/g**Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.873 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.451 mW/g

SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.359 mW/g

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



0 dB = 0.934 mW/g = -0.59 dB mW/g

#06_WCDMA V_RMC 12.2K_Edge2_0cm_Ch4182**DUT: 311130**

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

Medium: MSL_850_121219 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 55.965$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

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

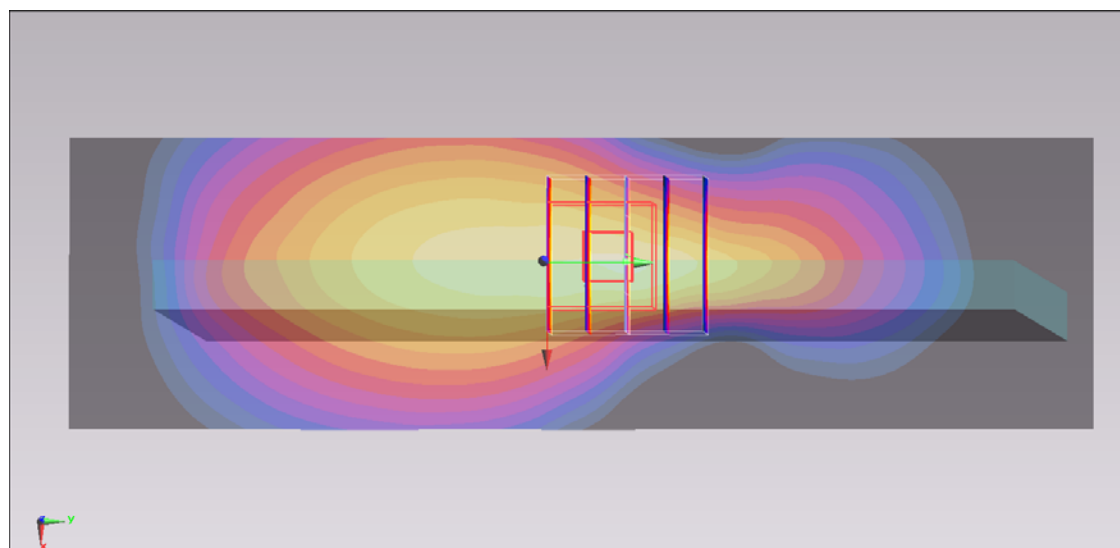
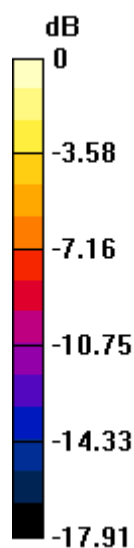
Configuration/Ch4182/Area Scan (41x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.670 mW/g**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.592 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.380 mW/g

SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.300 mW/g

Maximum value of SAR (measured) = 0.842 mW/g



0 dB = 0.842 mW/g = -1.49 dB mW/g

#07_WCDMA V_RMC 12.2K_Edge2_0cm_Ch4233**DUT: 311130**

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

Medium: MSL_850_121219 Medium parameters used: $f = 847$ MHz; $\sigma = 1.009$ mho/m; $\epsilon_r = 55.903$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.7°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

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

Configuration/Ch4233/Area Scan (41x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.663 mW/g

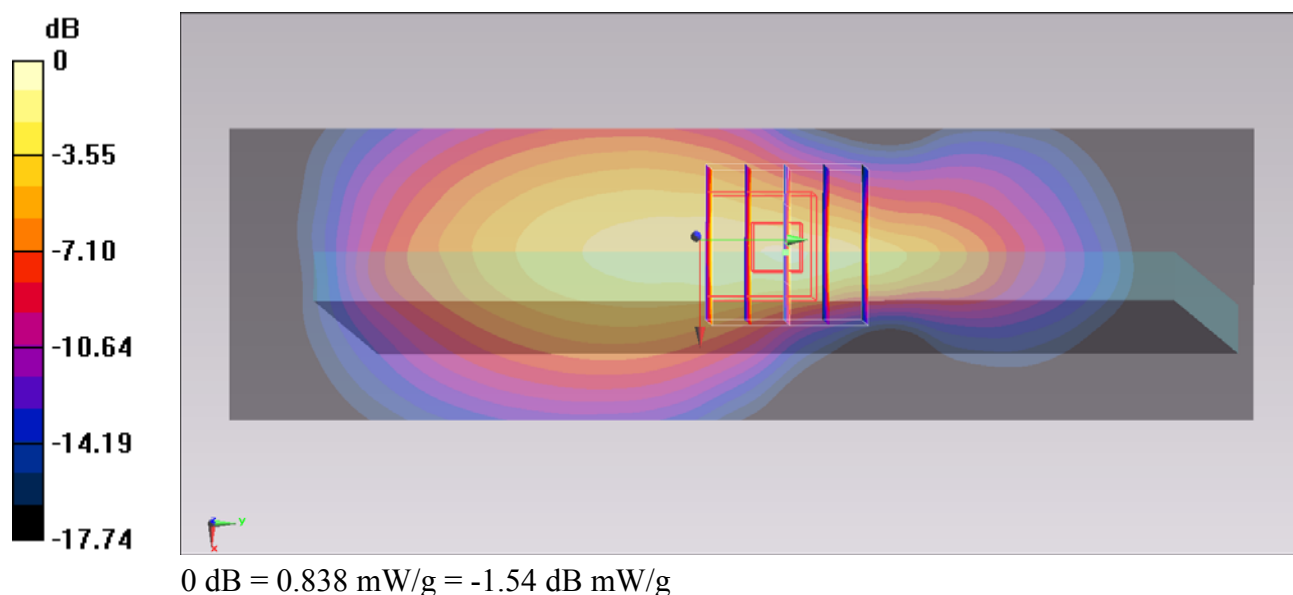
Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.751 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.380 mW/g

SAR(1 g) = 0.591 mW/g ; SAR(10 g) = 0.296 mW/g

Maximum value of SAR (measured) = 0.838 mW/g



#08_WCDMA V_RMC 12.2K_Curved surface of Edge 2_0cm_Ch4132**DUT: 311130**

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

Medium: MSL_850_130103 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 54.786$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

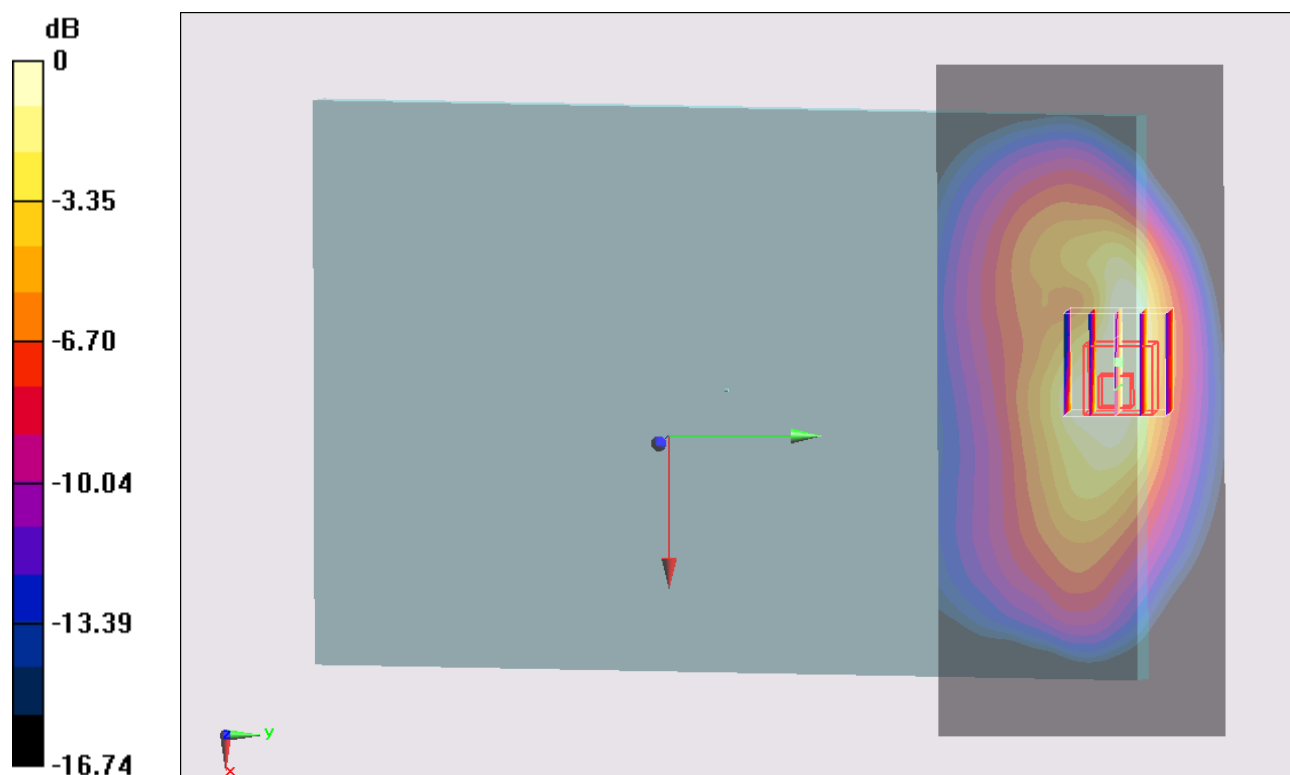
Configuration/Ch4132/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.42 mW/g**Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.525 V/m; Power Drift = -0.167 dB

Peak SAR (extrapolated) = 1.985 mW/g

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.566 mW/g

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



#09_WCDMA V_RMC 12.2K_Curved surface of Edge 2_0cm_Ch4182**DUT: 311130**

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

Medium: MSL_850_130103 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 54.716$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

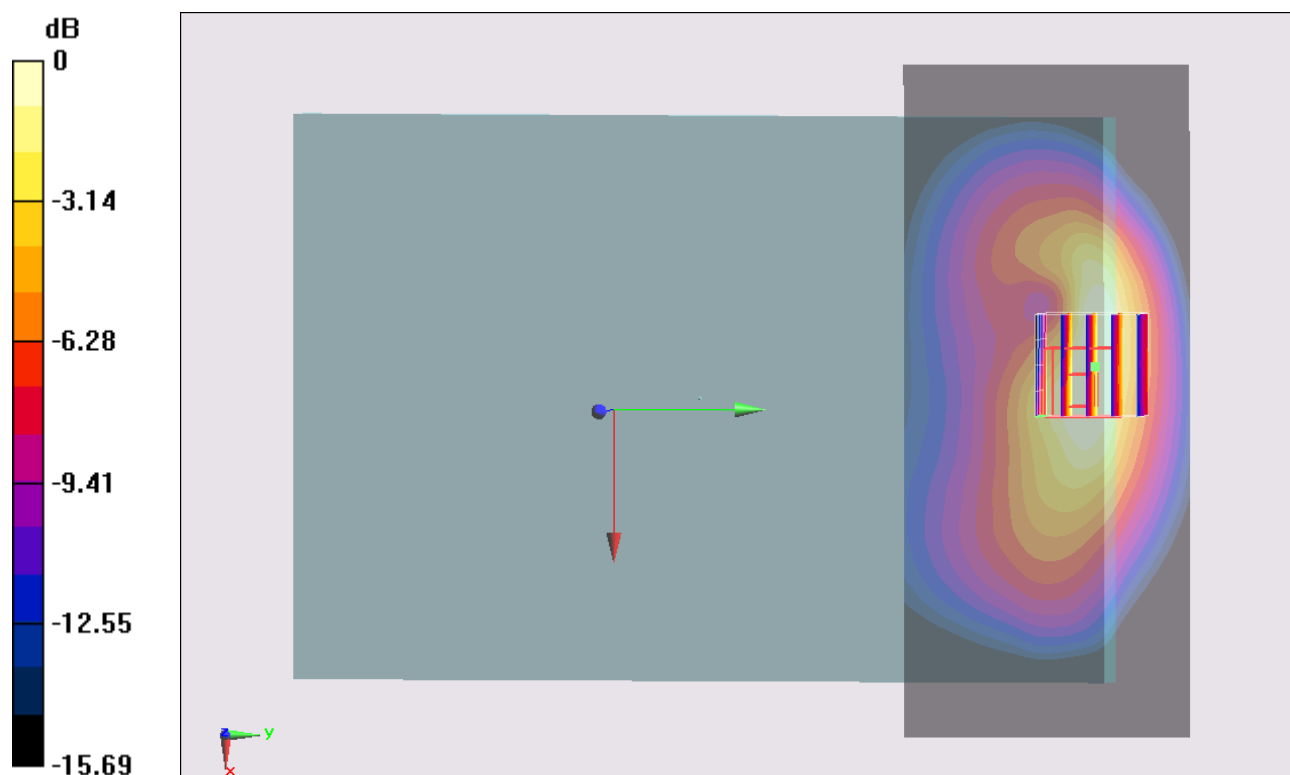
Configuration/Ch4182/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.26 mW/g**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.084 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.873 mW/g

SAR(1 g) = 0.992 mW/g; SAR(10 g) = 0.531 mW/g

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



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

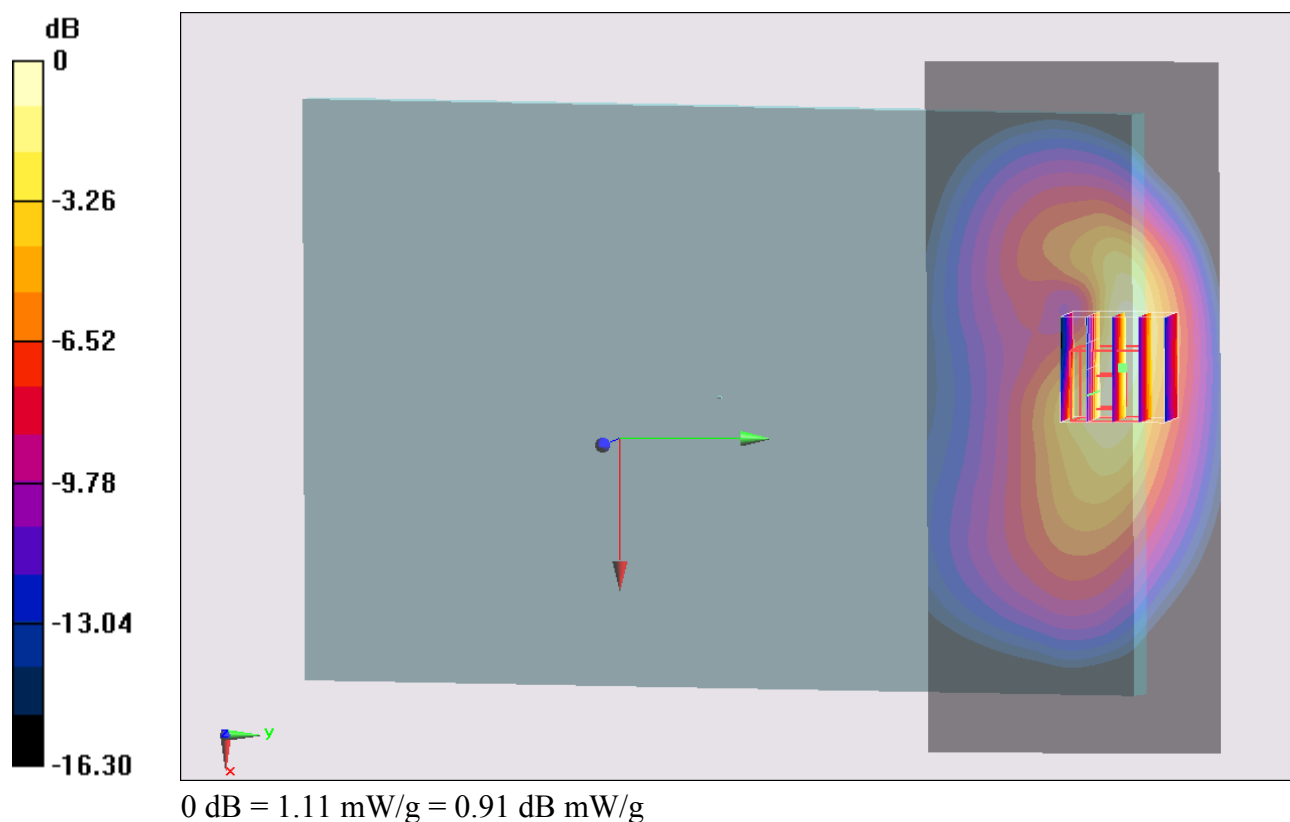
#10_WCDMA V_RMC 12.2K_Curved surface of Edge 2_0cm_Ch4233**DUT: 311130**

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

Medium: MSL_850_130103 Medium parameters used: $f = 847$ MHz; $\sigma = 1.007$ mho/m; $\epsilon_r = 54.629$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4233/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 1.02 mW/g **Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 37.913 V/m ; Power Drift = -0.06 dB Peak SAR (extrapolated) = 1.983 mW/g **SAR(1 g) = 1.03 mW/g ; SAR(10 g) = 0.541 mW/g** Maximum value of SAR (measured) = 1.11 mW/g 

#99_WCDMA II_RMC 12.2K_Bottom Face_1cm_Ch9262**DUT: 311130**

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

Medium: MSL_1900_130111 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.505$ mho/m; $\epsilon_r = 52.156$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

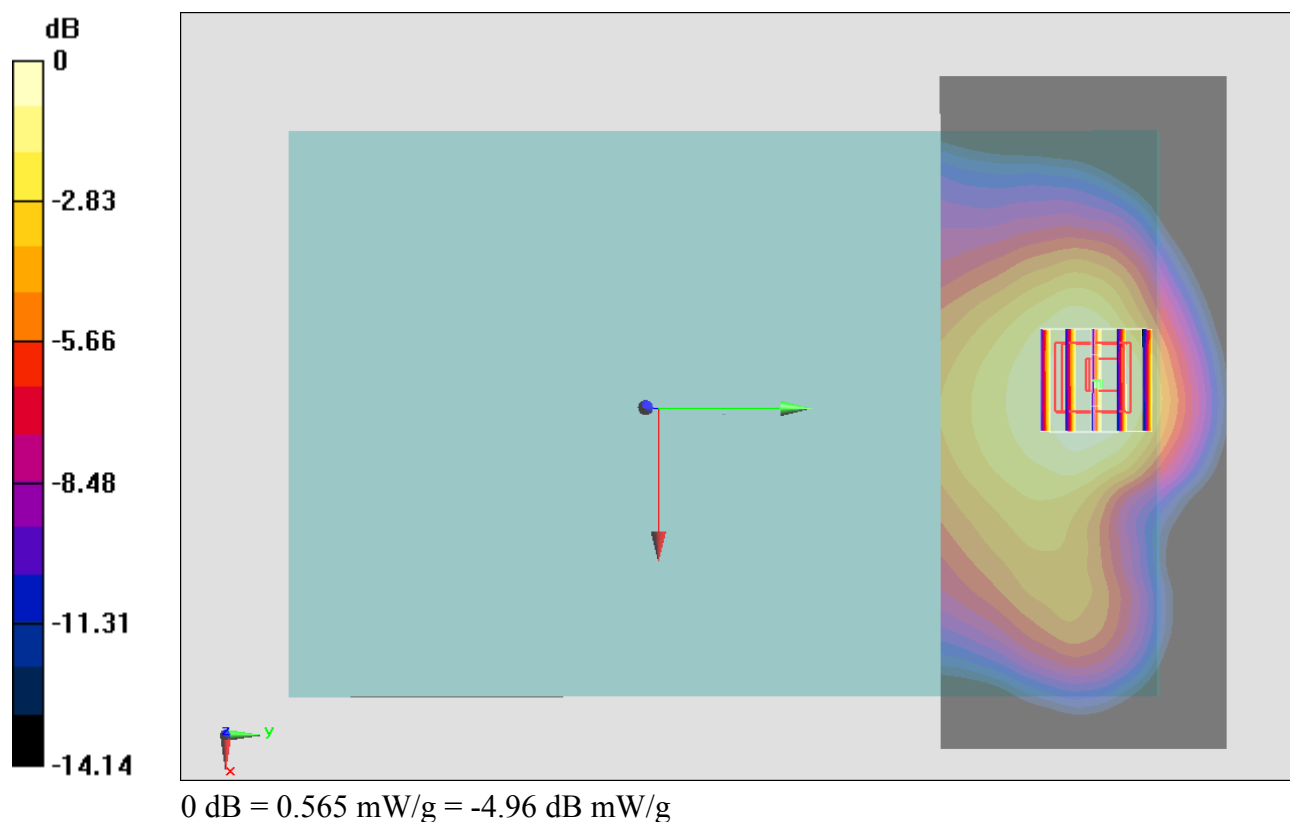
Configuration/Ch9262/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.569 mW/g**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.879 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 0.774 mW/g

SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.349 mW/g

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



#100_WCDMA II_RMC 12.2K_Edge1_0cm_Ch9262**DUT: 311130**

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

Medium: MSL_1900_130111 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.505$ mho/m; $\epsilon_r = 52.156$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9262/Area Scan (31x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.149 mW/g

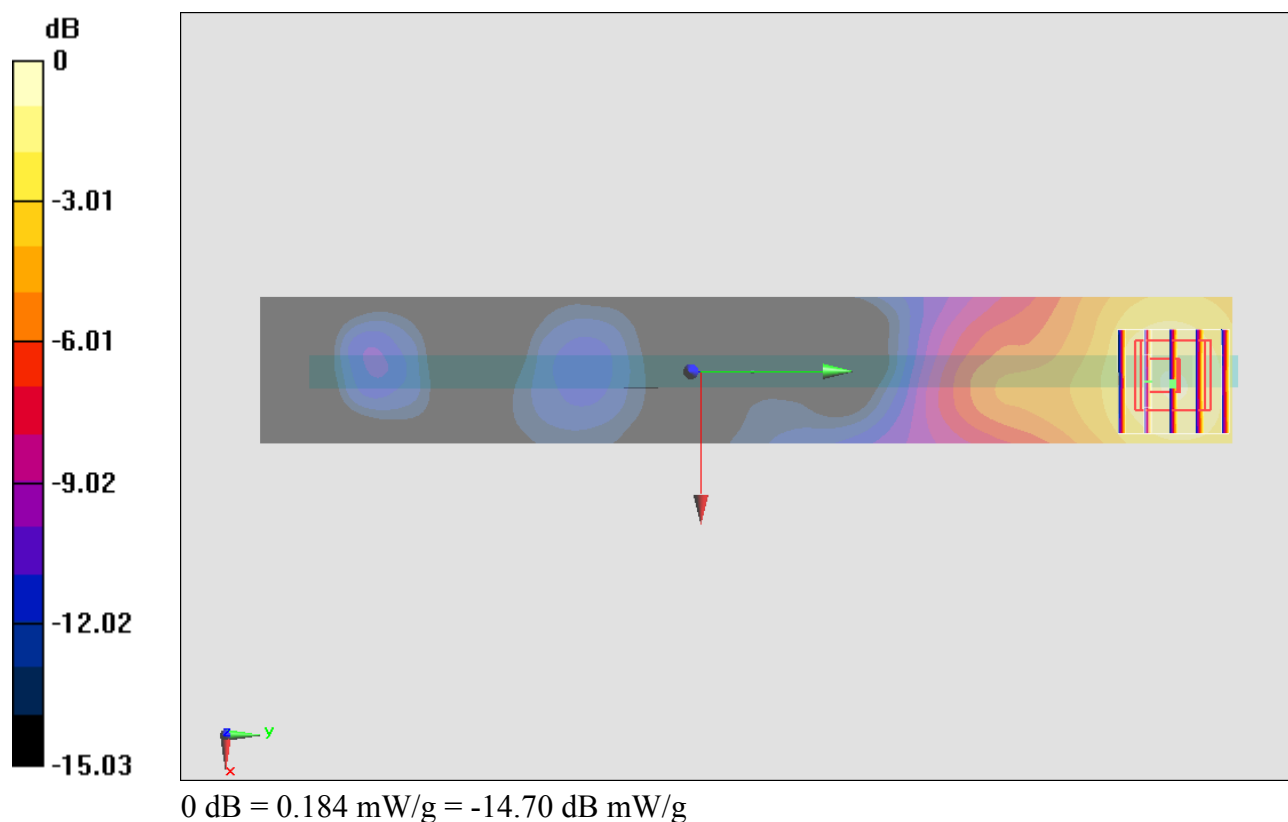
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.645 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.268 mW/g

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.184 mW/g



#101_WCDMA II_RMC 12.2K_Edge 2_0.5cm_Ch9262**DUT: 311130**

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

Medium: MSL_1900_130111 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.505$ mho/m; $\epsilon_r = 52.156$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9262/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.01 mW/g

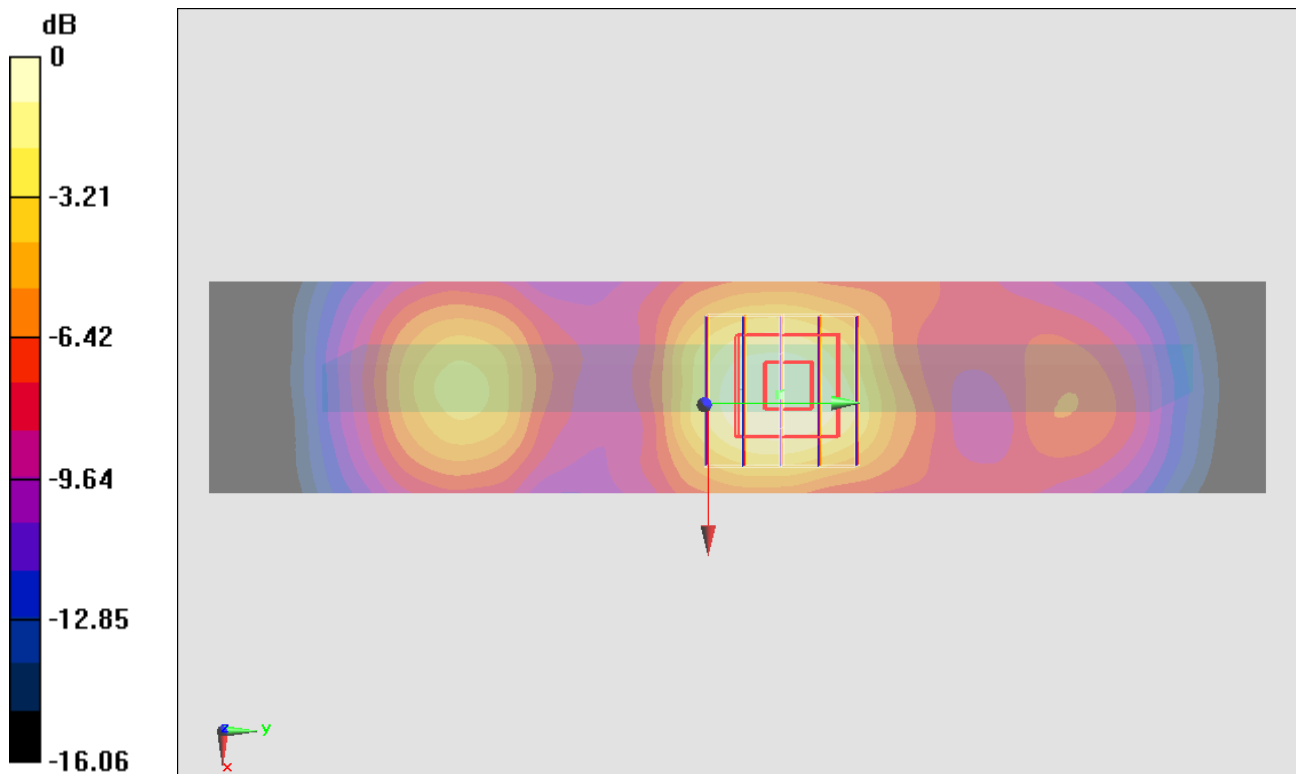
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.242 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.280 mW/g

SAR(1 g) = 0.802 mW/g; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 0.884 mW/g



#102_WCDMA II_RMC 12.2K_Edge 2_0.5cm_Ch9400**DUT: 311130**

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

Medium: MSL_1900_130111 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r = 52.037$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9400/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.898 mW/g

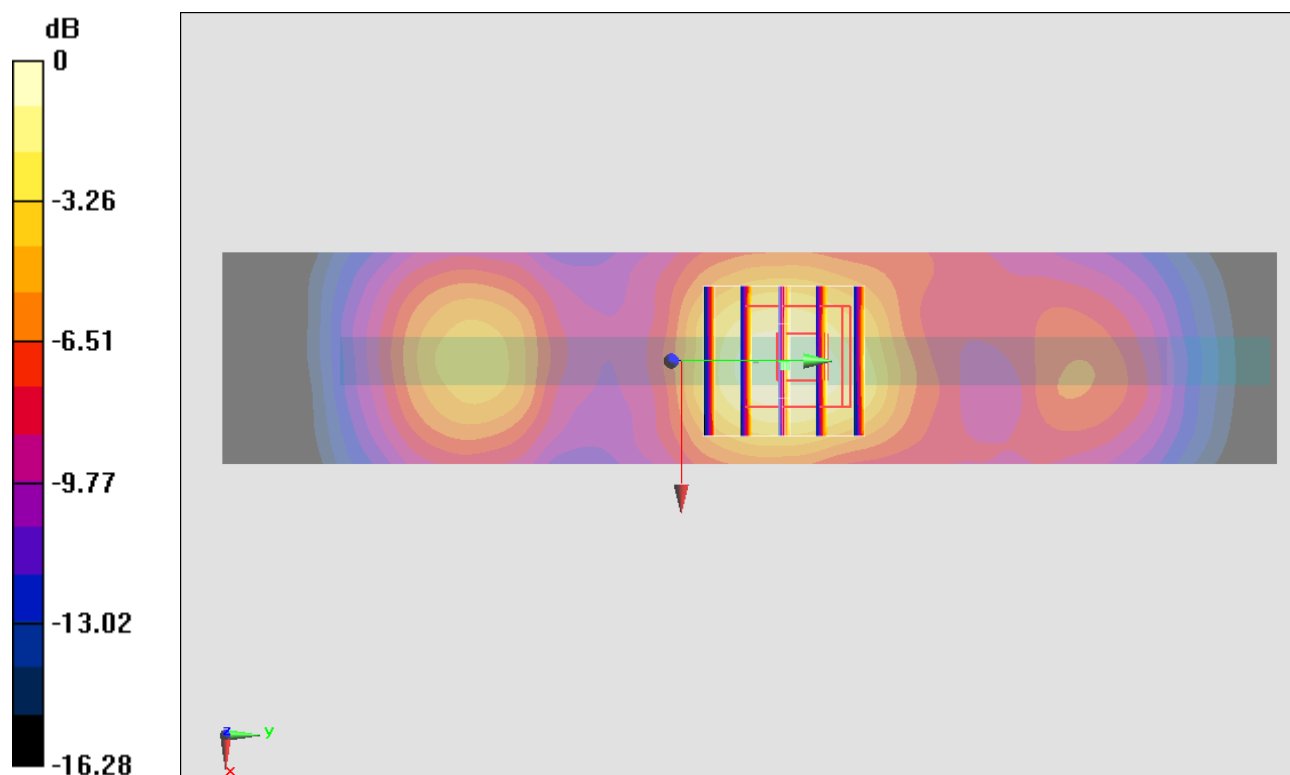
Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.313 V/m; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 1.237 mW/g

SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.437 mW/g

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



#103_WCDMA II_RMC 12.2K_Edge 2_0.5cm_Ch9538**DUT: 311130**

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

Medium: MSL_1900_130111 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.553$ mho/m; $\epsilon_r = 51.91$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9538/Area Scan (31x151x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.997 mW/g

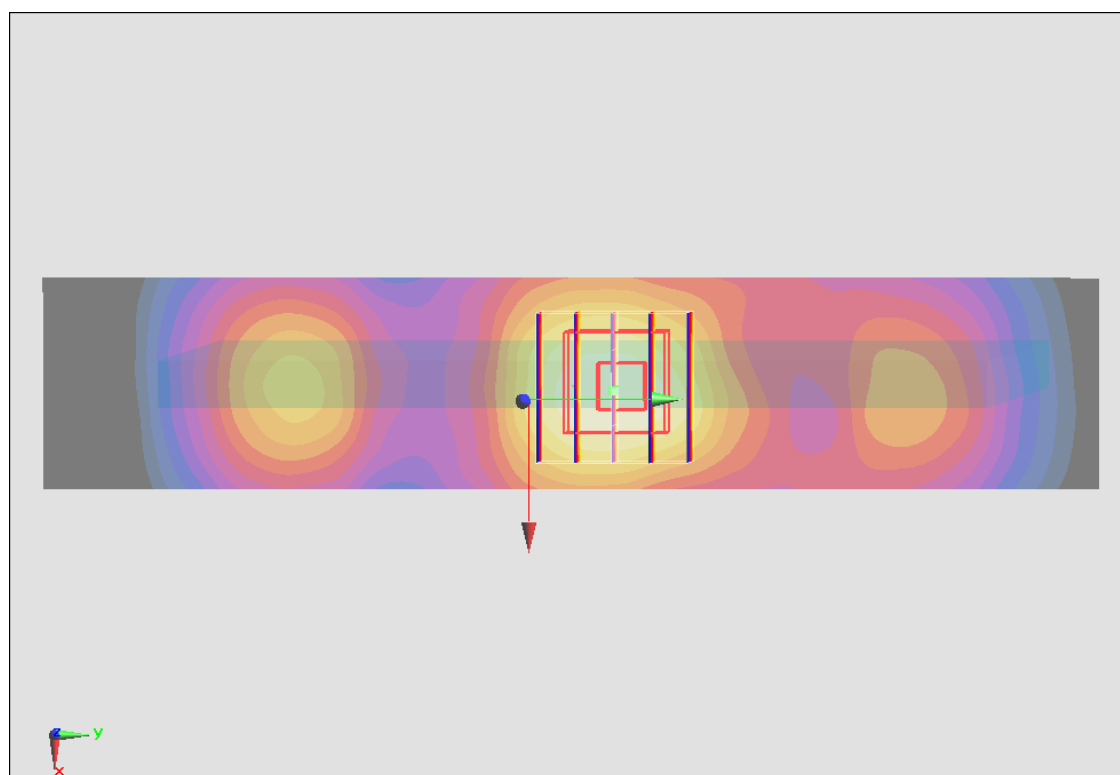
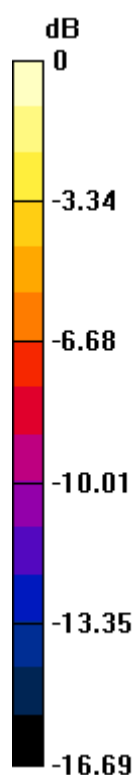
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.076 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.329 mW/g

SAR(1 g) = 0.815 mW/g ; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 0.900 mW/g



0 dB = 0.900 mW/g = -0.92 dB mW/g

#104_WCDMA II_RMC 12.2K_Edge 3_0cm_Ch9262**DUT: 311130**

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

Medium: MSL_1900_130111 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.505$ mho/m; $\epsilon_r = 52.156$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9262/Area Scan (31x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0800 mW/g**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.418 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.142 mW/g

SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.0915 mW/g

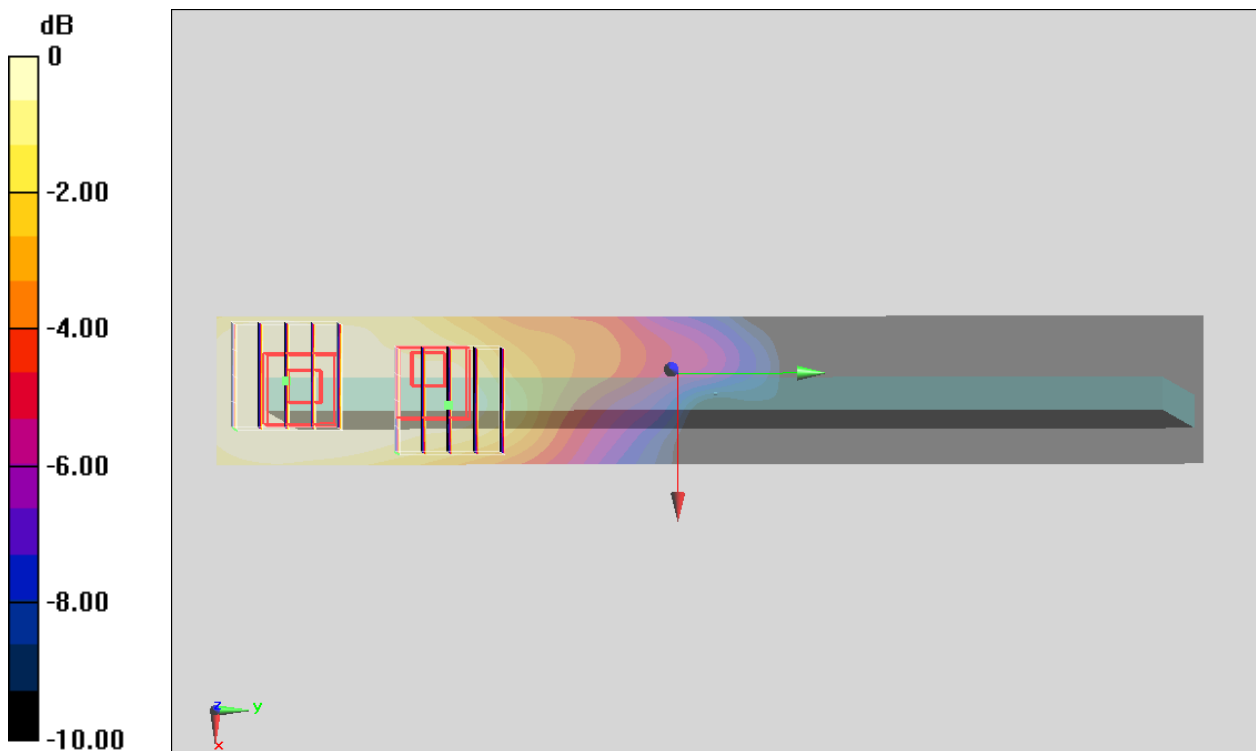
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.418 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.077 mW/g

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.0531 mW/g



0 dB = 0.0531 mW/g = -25.50 dB mW/g

#106_WCDMA II_RMC 12.2K_Bottom Face_0cm_Ch9262**DUT: 311130**

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

Medium: MSL_1900_130111 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.505$ mho/m; $\epsilon_r = 52.156$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9262/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.976 mW/g

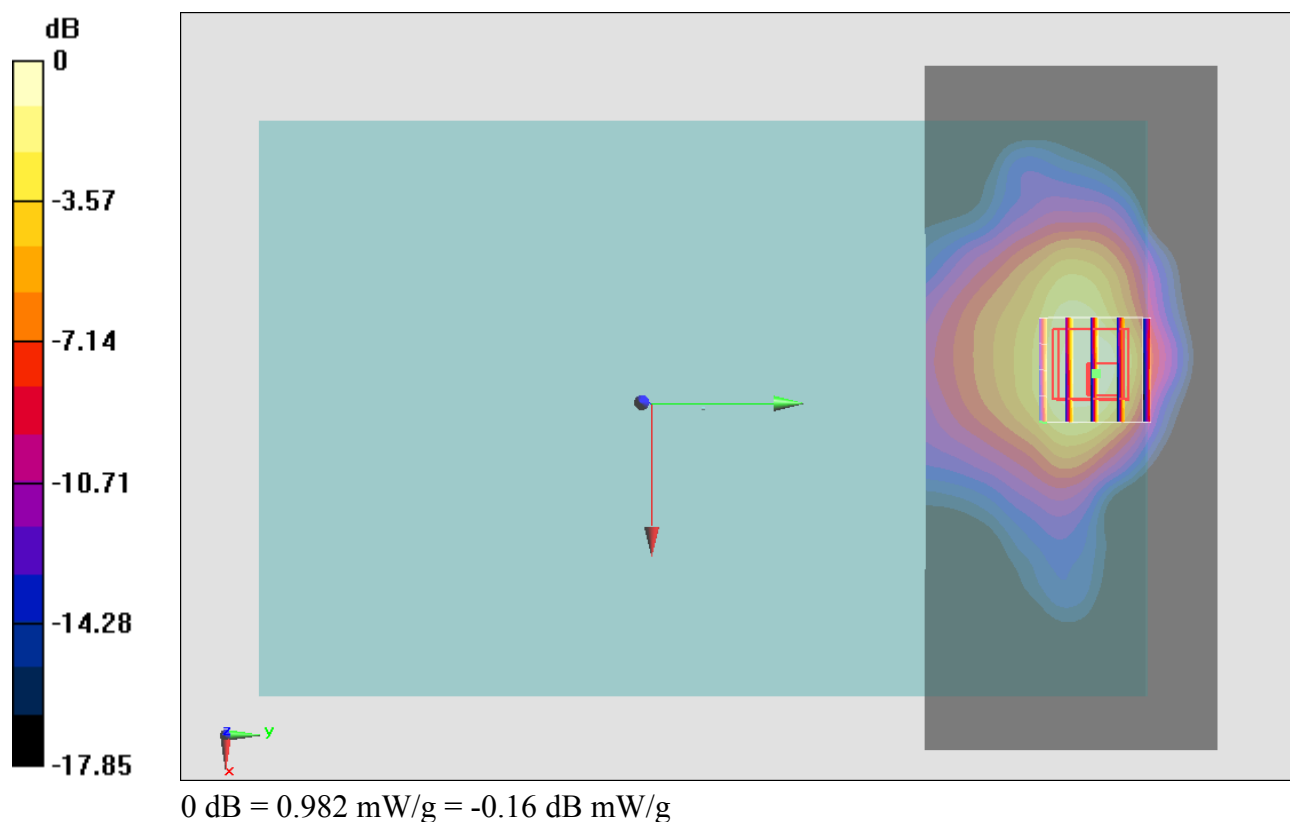
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.460 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 1.826 mW/g

SAR(1 g) = 0.926 mW/g; SAR(10 g) = 0.503 mW/g

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



#107_WCDMA II_RMC 12.2K_Bottom Face_0cm_Ch9400**DUT: 311130**

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

Medium: MSL_1900_130111 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r = 52.037$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9400/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.16 mW/g

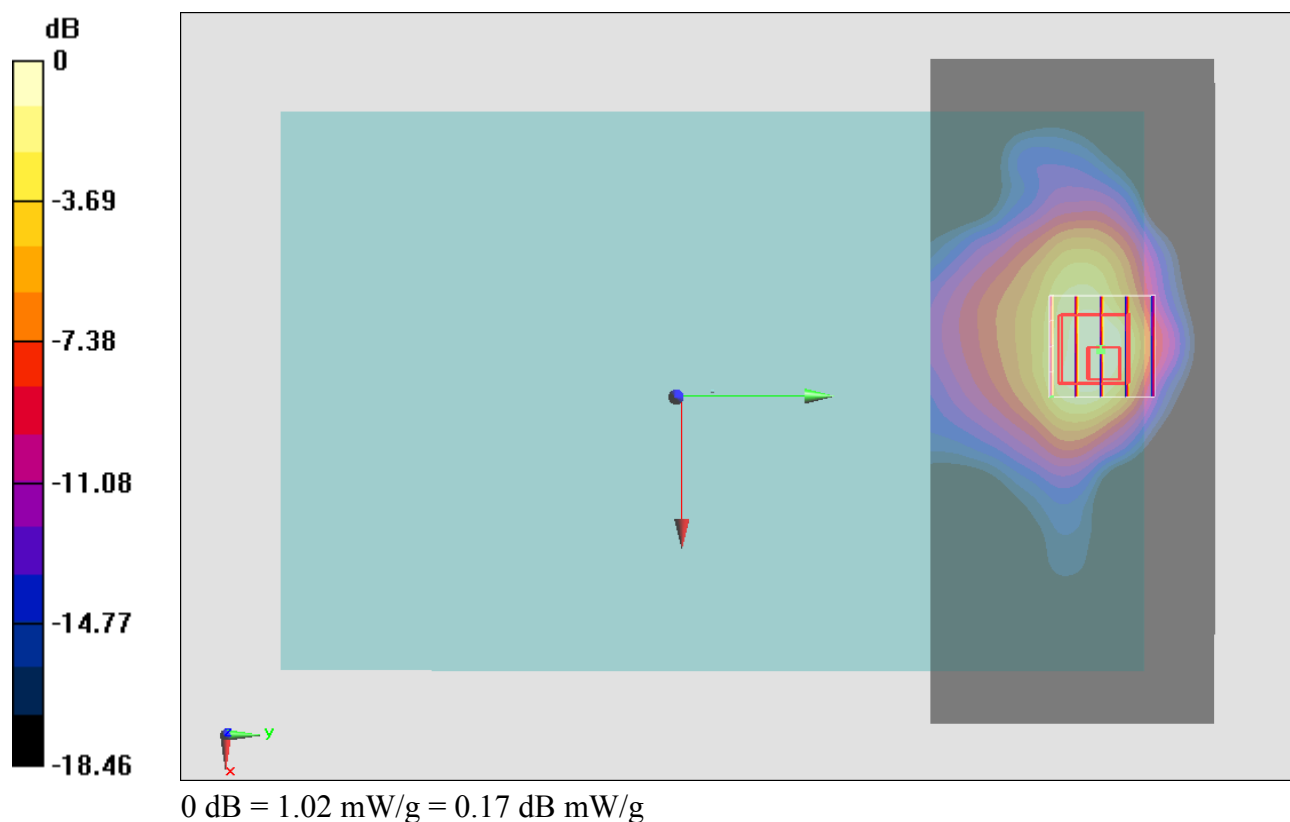
Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.802 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.847 mW/g

SAR(1 g) = 0.915 mW/g; SAR(10 g) = 0.485 mW/g

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



#108_WCDMA II_RMC 12.2K_Bottom Face_0cm_Ch9538**DUT: 311130**

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

Medium: MSL_1900_130111 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.553$ mho/m; $\epsilon_r = 51.91$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9538/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.27 mW/g

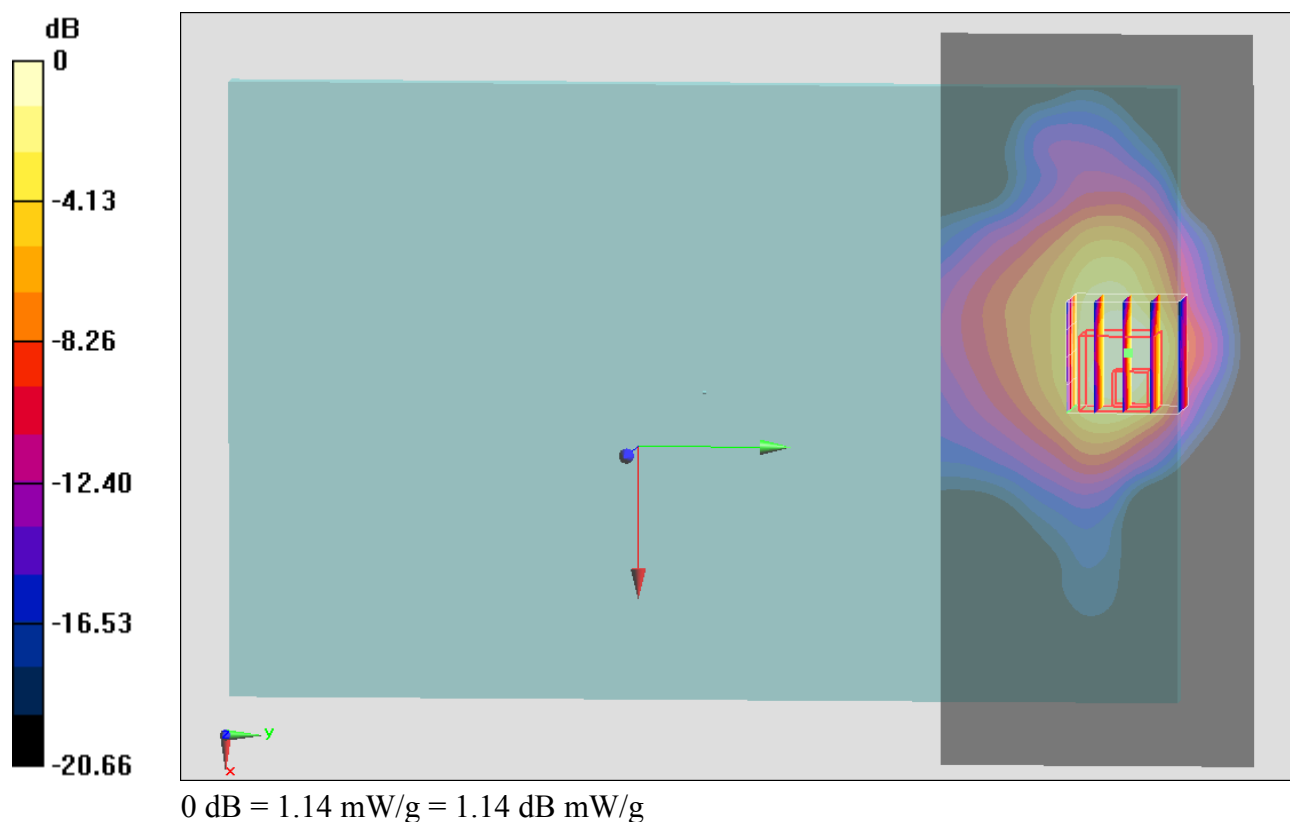
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.880 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.128 mW/g

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.522 mW/g

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



#113_WCDMA II_RMC 12.2K_Bottom Face_0cm_Ch9538_Repeat**DUT: 311130**

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

Medium: MSL_1900_130111 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.553$ mho/m; $\epsilon_r = 51.91$; $\rho =$ 1000 kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

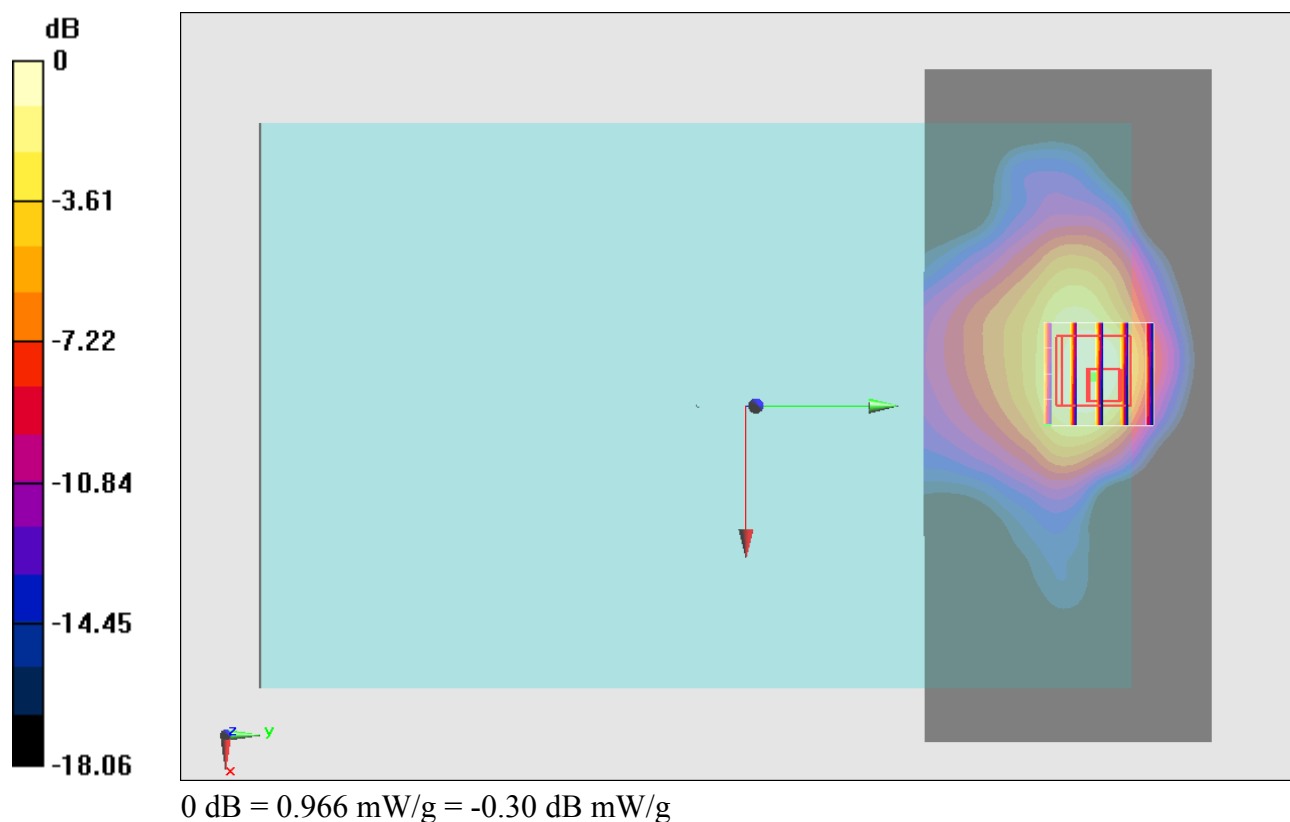
Configuration/Ch9538/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.09 mW/g**Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.878 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.939 mW/g

SAR(1 g) = 0.928 mW/g; SAR(10 g) = 0.492 mW/g

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



#109_WCDMA II_RMC 12.2K_Edge2_0cm_Ch9262**DUT: 311130**

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

Medium: MSL_1900_130111 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.505$ mho/m; $\epsilon_r = 52.156$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9262/Area Scan (41x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.737 mW/g

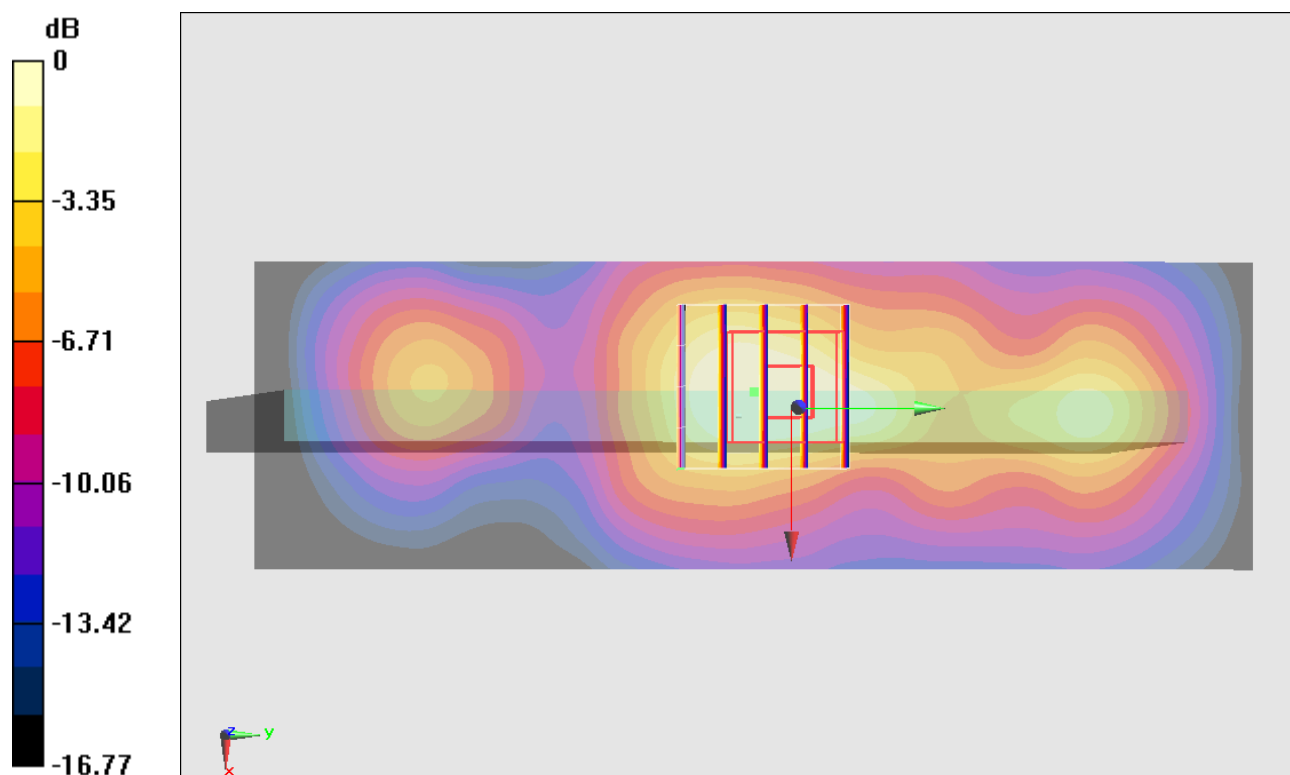
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.214 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.946 mW/g

SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.581 mW/g



0 dB = 0.581 mW/g = -4.72 dB mW/g

#110_WCDMA II_RMC 12.2K_Curved surface of Edge 2_0cm_Ch9262**DUT: 311130**

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

Medium: MSL_1900_130111 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.505$ mho/m; $\epsilon_r = 52.156$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

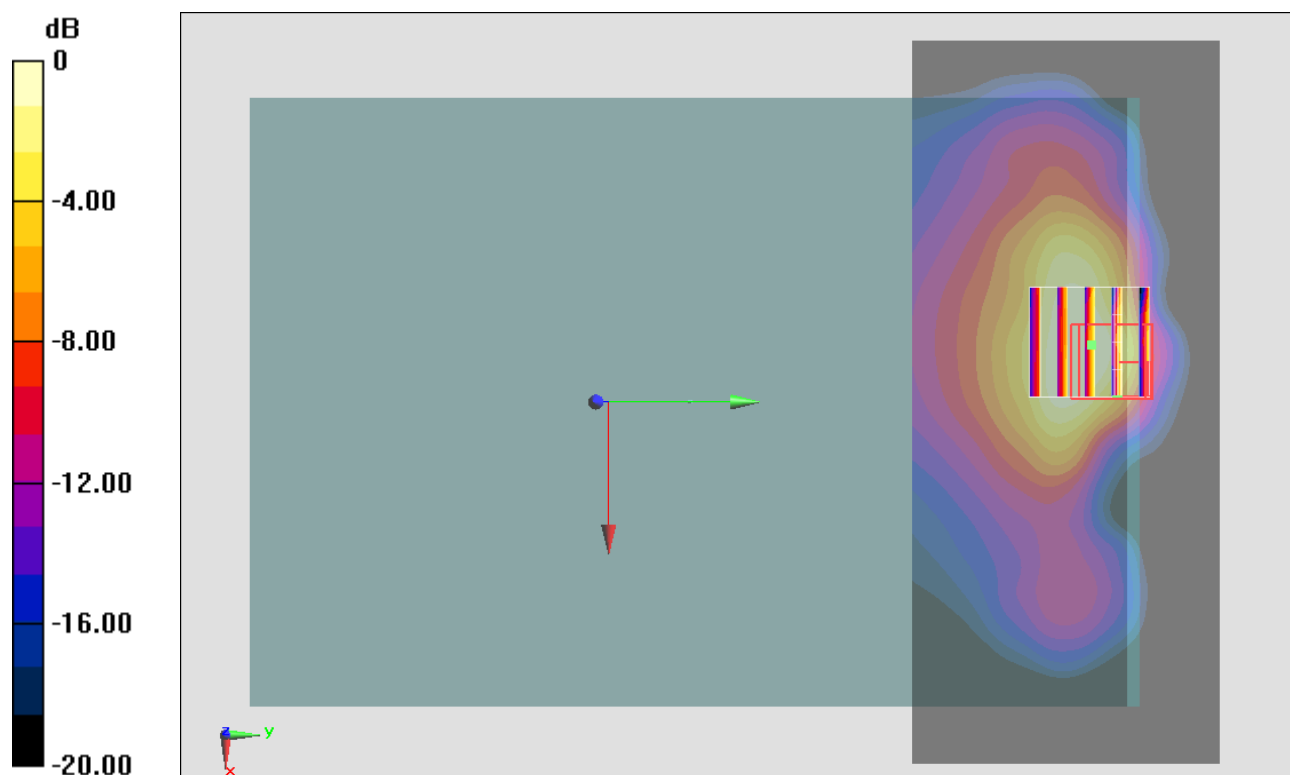
Configuration/Ch9262/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.04 mW/g**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.948 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 1.720 mW/g

SAR(1 g) = 0.891 mW/g; SAR(10 g) = 0.469 mW/g

Maximum value of SAR (measured) = 0.987 mW/g



#111_WCDMA II_RMC 12.2K_Curved surface of Edge 2_0cm_Ch9400**DUT: 311130**

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

Medium: MSL_1900_130111 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.505$ mho/m; $\epsilon_r = 52.156$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

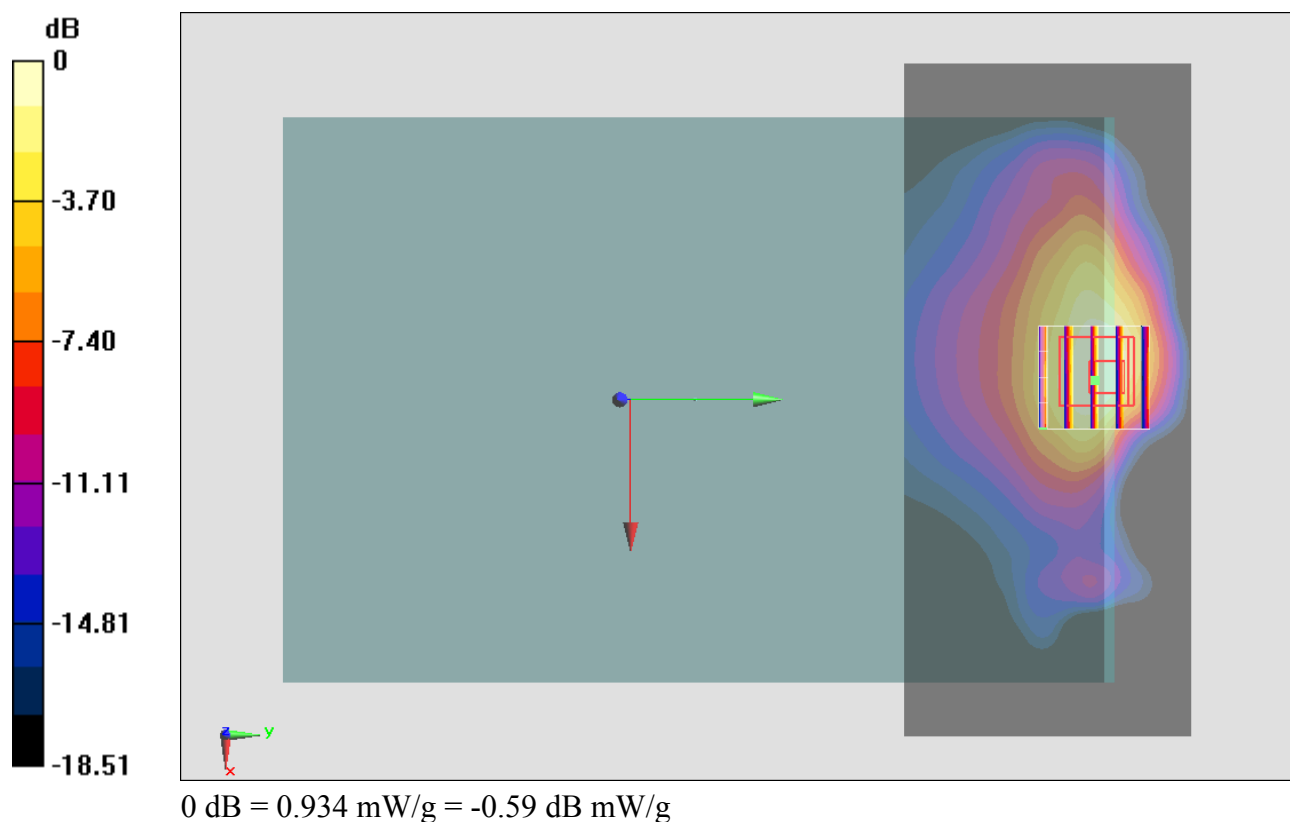
Configuration/Ch9262/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.02 mW/g**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.178 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.877 mW/g

SAR(1 g) = 0.899 mW/g; SAR(10 g) = 0.463 mW/g

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



#112_WCDMA II_RMC 12.2K_Curved surface of Edge 2_0cm_Ch9538**DUT: 311130**

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

Medium: MSL_1900_130111 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.553$ mho/m; $\epsilon_r = 51.91$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9538/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 1.14 mW/g

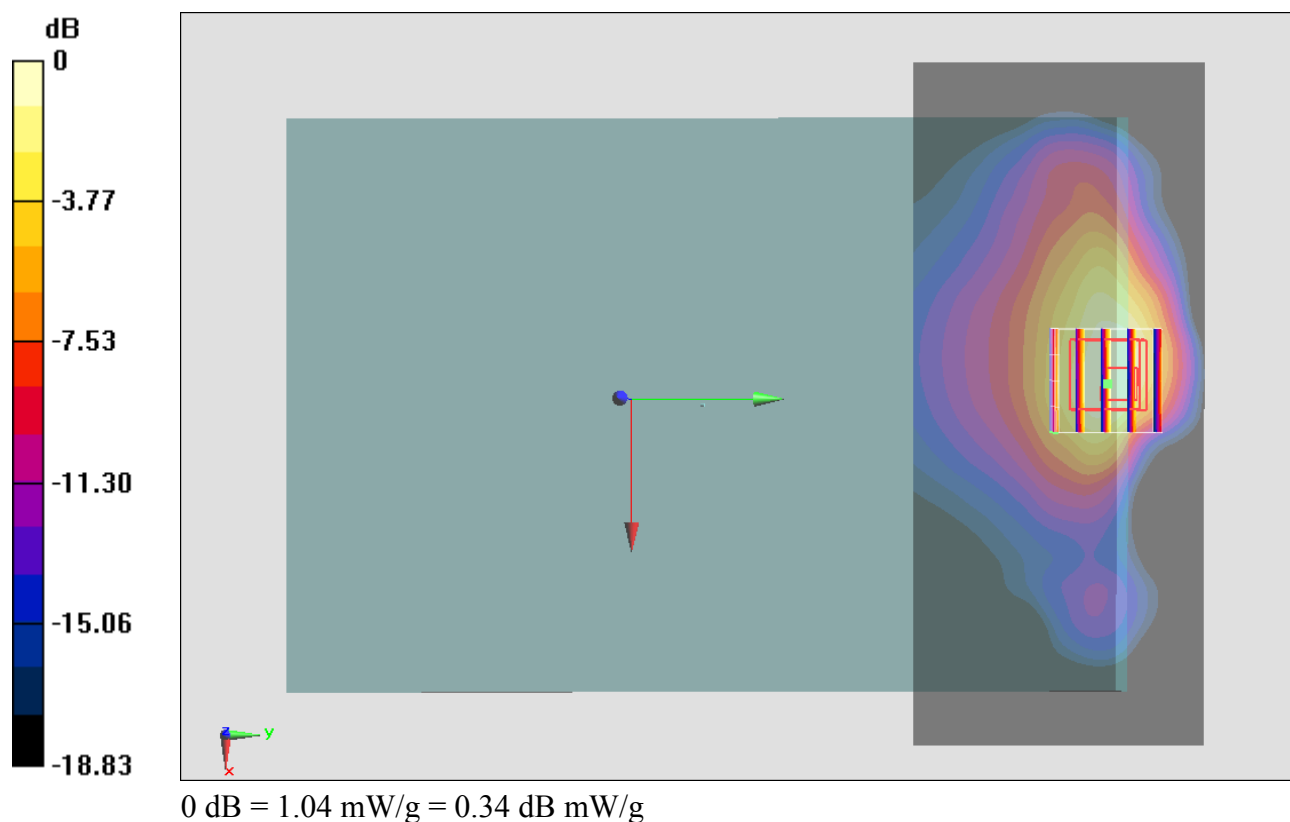
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.074 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.061 mW/g

SAR(1 g) = 0.997 mW/g ; SAR(10 g) = 0.510 mW/g

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



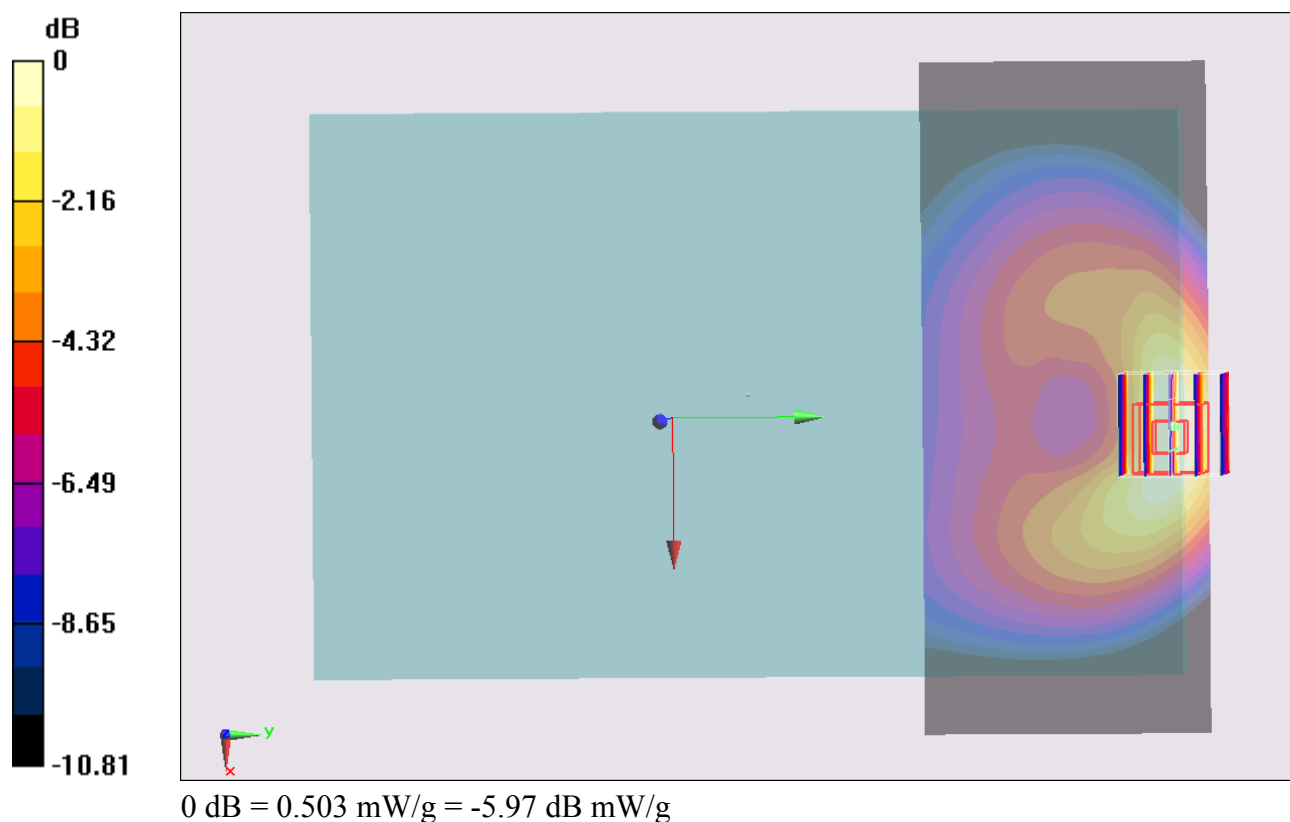
#79_LTE Band 17_10M_QPSK 1RB 0 offset_Bottom Face _1cm_Ch23790**DUT: 311130**

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

Medium: MSL_750_130103 Medium parameters used: $f = 710$ MHz; $\sigma = 0.936$ mho/m; $\epsilon_r = 55.181$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23790/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.528 mW/g **Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 23.940 V/m ; Power Drift = 0.01 dB Peak SAR (extrapolated) = 0.737 mW/g **SAR(1 g) = 0.480 mW/g ; SAR(10 g) = 0.306 mW/g** Maximum value of SAR (measured) = 0.503 mW/g 

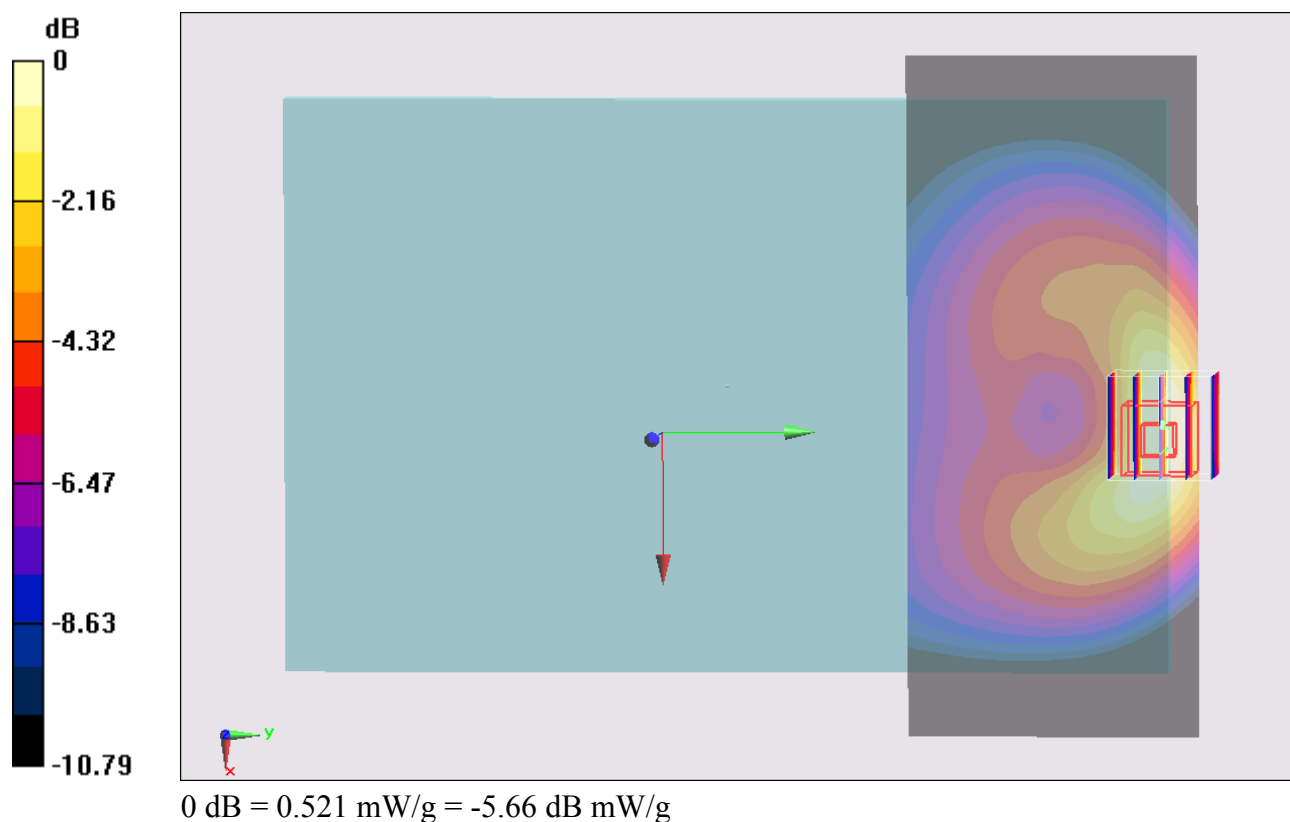
#80_LTE Band 17_10M_QPSK 25RB 24 offset_Bottom Face _1cm_Ch23800**DUT: 311130**

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

Medium: MSL_750_130103 Medium parameters used: $f = 711$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 55.167$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23800/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.546 mW/g **Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 24.483 V/m ; Power Drift = -0.02 dB Peak SAR (extrapolated) = 0.770 mW/g **SAR(1 g) = 0.500 mW/g ; SAR(10 g) = 0.320 mW/g** Maximum value of SAR (measured) = 0.521 mW/g 

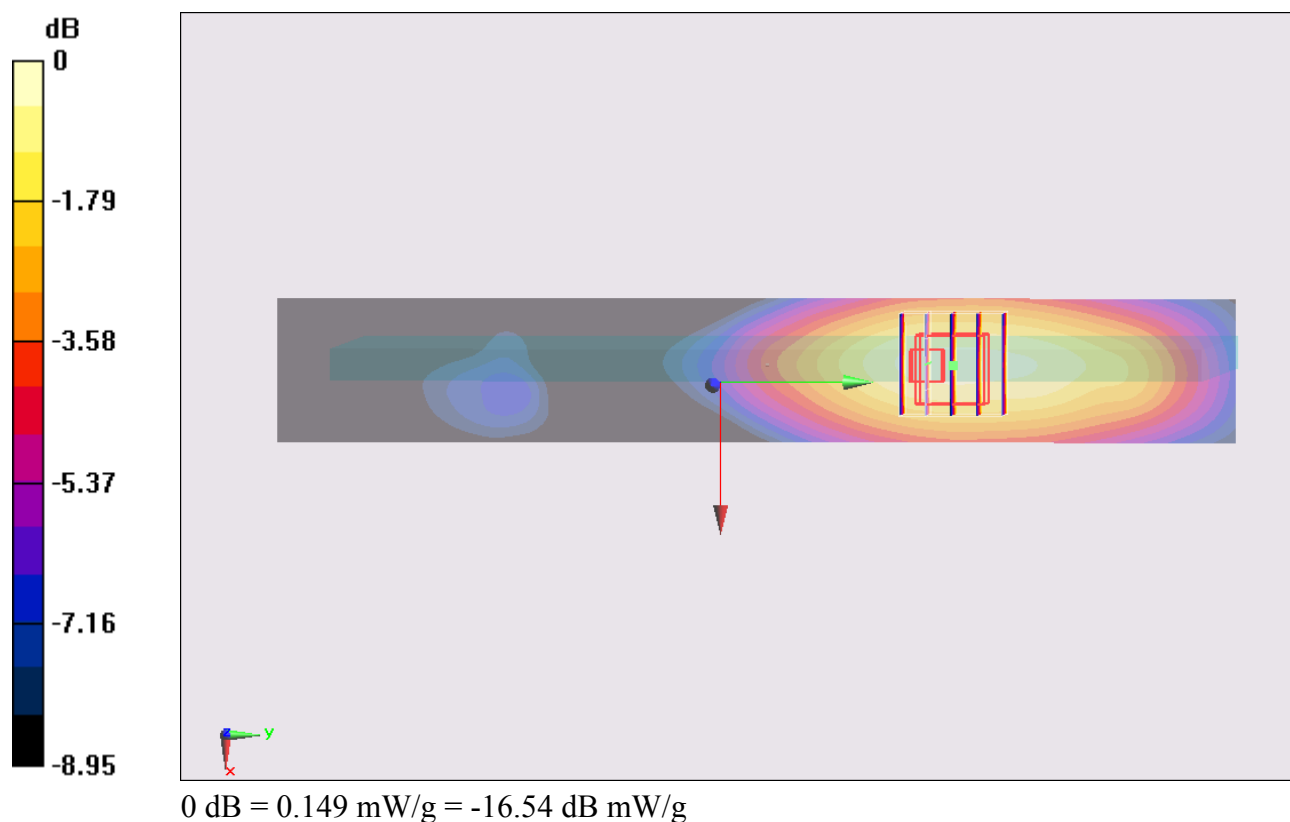
#81_LTE Band 17_10M_QPSK 1RB 0 offset_Edge1_0cm_Ch23790**DUT: 311130**

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

Medium: MSL_750_130103 Medium parameters used: $f = 710$ MHz; $\sigma = 0.936$ mho/m; $\epsilon_r = 55.181$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23790/Area Scan (31x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 0.138 mW/g **Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 12.965 V/m ; Power Drift = -0.06 dB Peak SAR (extrapolated) = 0.204 mW/g **SAR(1 g) = 0.137 mW/g ; SAR(10 g) = 0.095 mW/g** Maximum value of SAR (measured) = 0.149 mW/g 

#82_LTE Band 17_10M_QPSK 25RB 24 offset_Edge1_0cm_Ch23800**DUT: 311130**

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

Medium: MSL_750_130103 Medium parameters used: $f = 711$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 55.167$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23800/Area Scan (31x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.113 mW/g

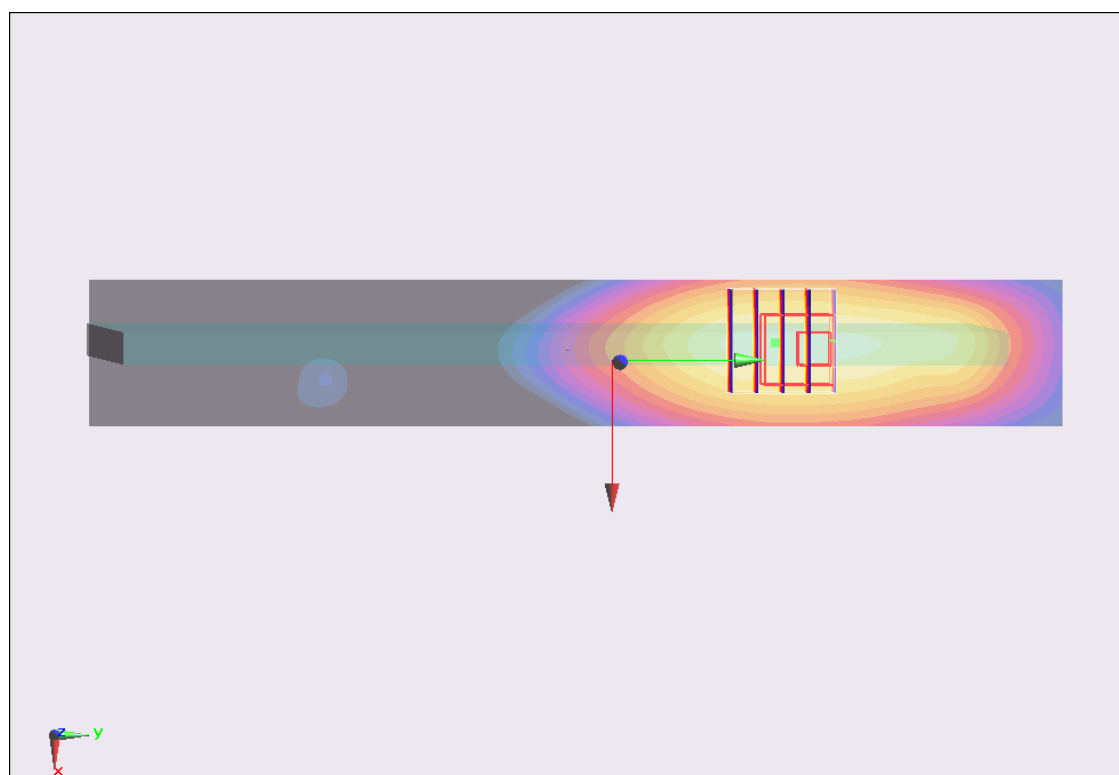
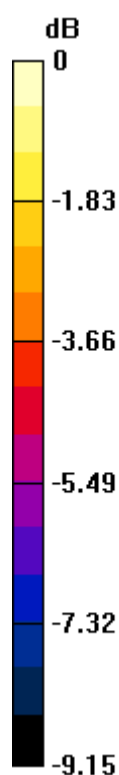
Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.615 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.174 mW/g

SAR(1 g) = 0.112 mW/g ; SAR(10 g) = 0.078 mW/g

Maximum value of SAR (measured) = 0.122 mW/g



0 dB = 0.122 mW/g = -18.27 dB mW/g

#83_LTE Band 17_10M_QPSK 1RB 0 offset_Edge2_0.5cm_Ch23790**DUT: 311130**

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

Medium: MSL_750_130103 Medium parameters used: $f = 710$ MHz; $\sigma = 0.936$ mho/m; $\epsilon_r = 55.181$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23790/Area Scan (31x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

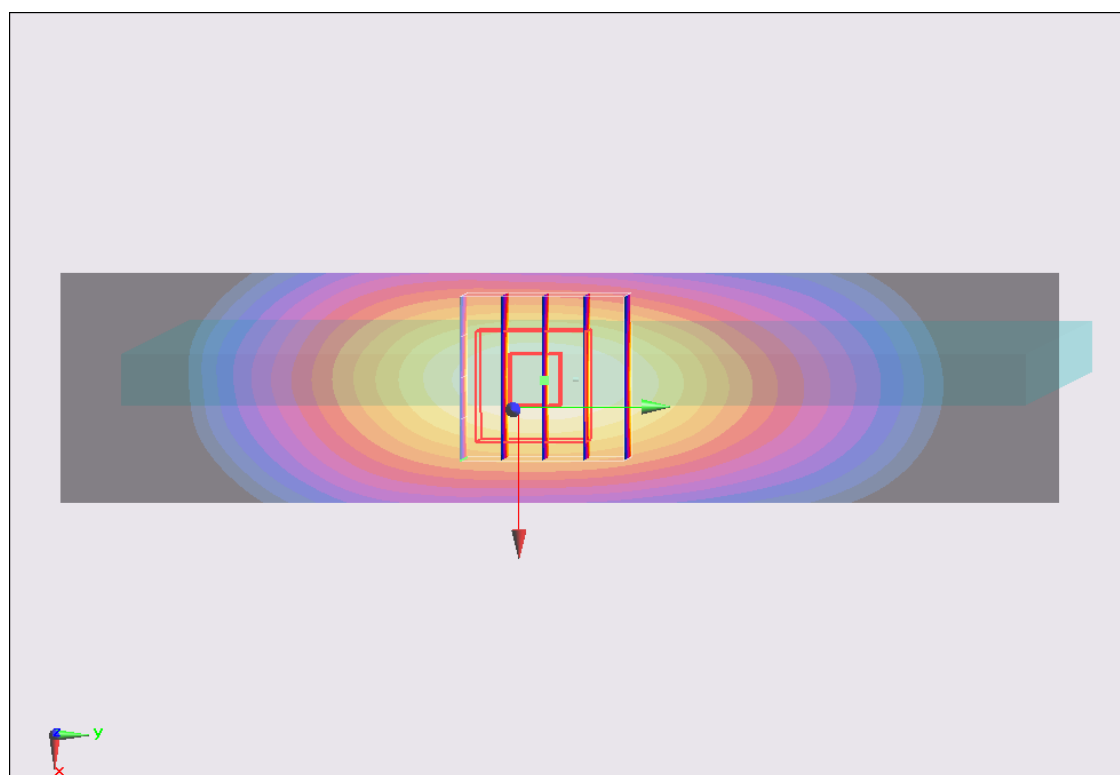
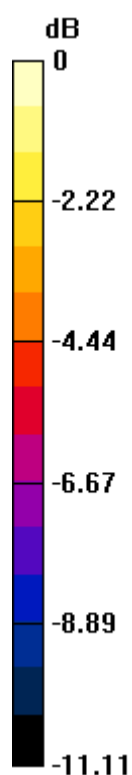
Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 36.800 V/m ; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 1.469 mW/g

SAR(1 g) = 0.933 mW/g ; SAR(10 g) = 0.571 mW/g

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



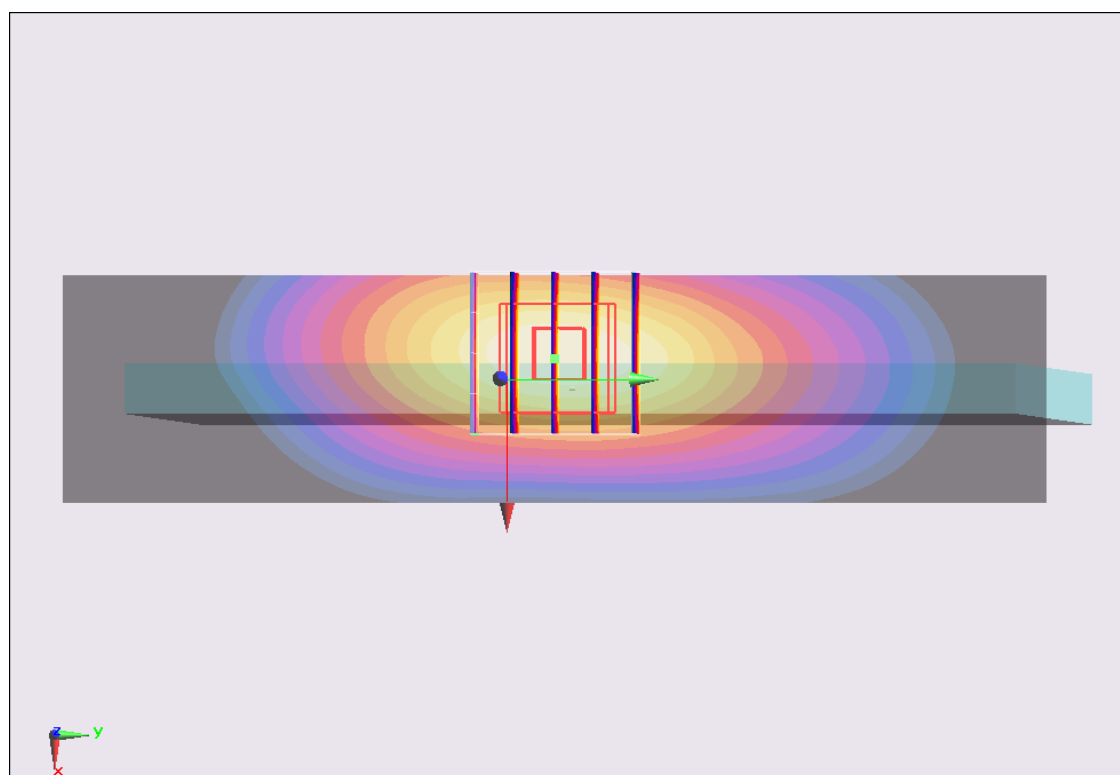
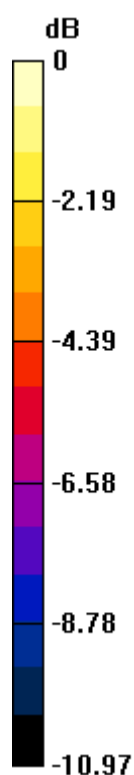
0 dB = 1.03 mW/g = 0.26 dB mW/g

#84_LTE Band 17_10M_QPSK 1RB 0 offset_Edge2_0.5cm_Ch23780**DUT: 311130**

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

Medium: MSL_750_130103 Medium parameters used: $f = 709$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 55.191$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C **DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23780/Area Scan (31x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 0.971 mW/g **Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 33.526 V/m ; Power Drift = -0.07 dB Peak SAR (extrapolated) = 1.402 mW/g **SAR(1 g) = 0.882 mW/g ; SAR(10 g) = 0.544 mW/g** Maximum value of SAR (measured) = 0.969 mW/g  $0 \text{ dB} = 0.969 \text{ mW/g} = -0.27 \text{ dB mW/g}$

#85_LTE Band 17_10M_QPSK 1RB 0 offset_Edge2_0.5cm_Ch23800**DUT: 311130**

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

Medium: MSL_750_130103 Medium parameters used: $f = 711$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 55.167$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23800/Area Scan (31x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.983 mW/g

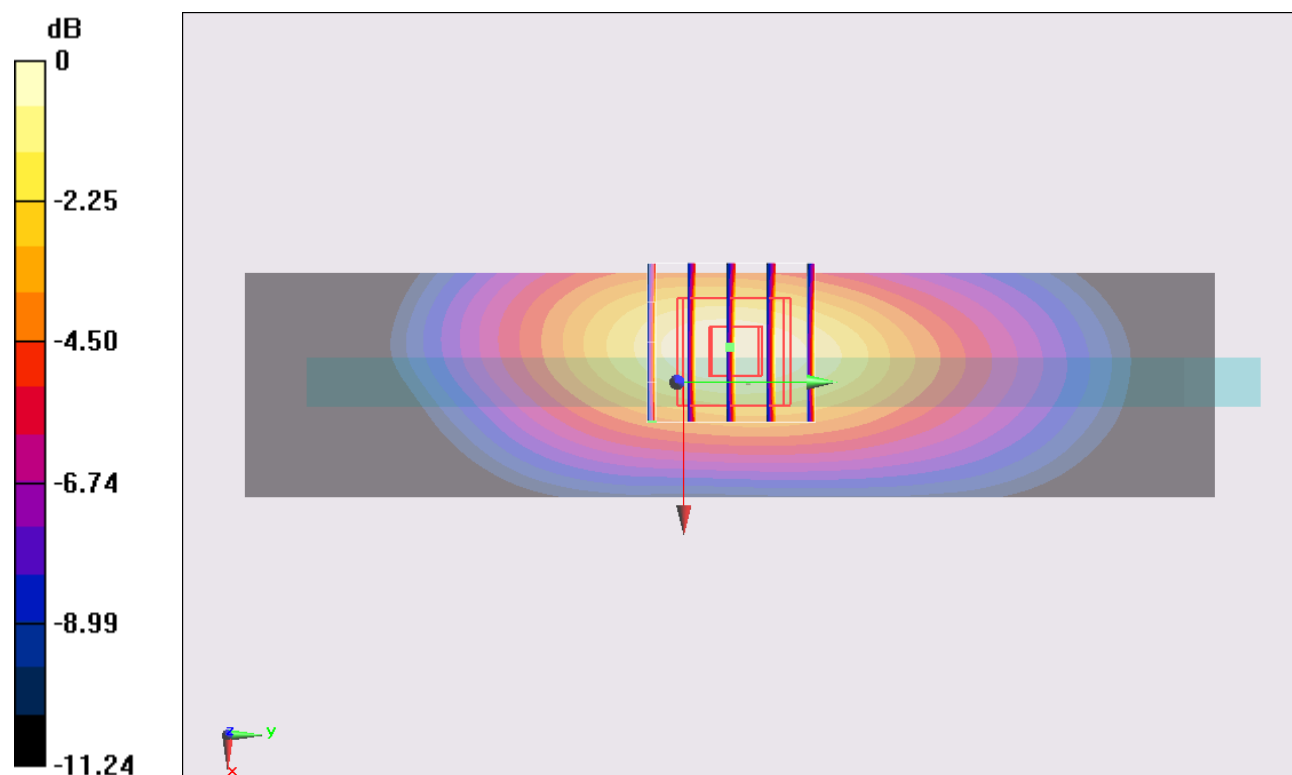
Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 33.590 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.468 mW/g

SAR(1 g) = 0.892 mW/g ; SAR(10 g) = 0.547 mW/g

Maximum value of SAR (measured) = 0.976 mW/g



#86_LTE Band 17_10M_QPSK 25RB 24 offset_Edge2_0.5cm_Ch23800**DUT: 311130**

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

Medium: MSL_750_130103 Medium parameters used: $f = 711$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 55.167$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

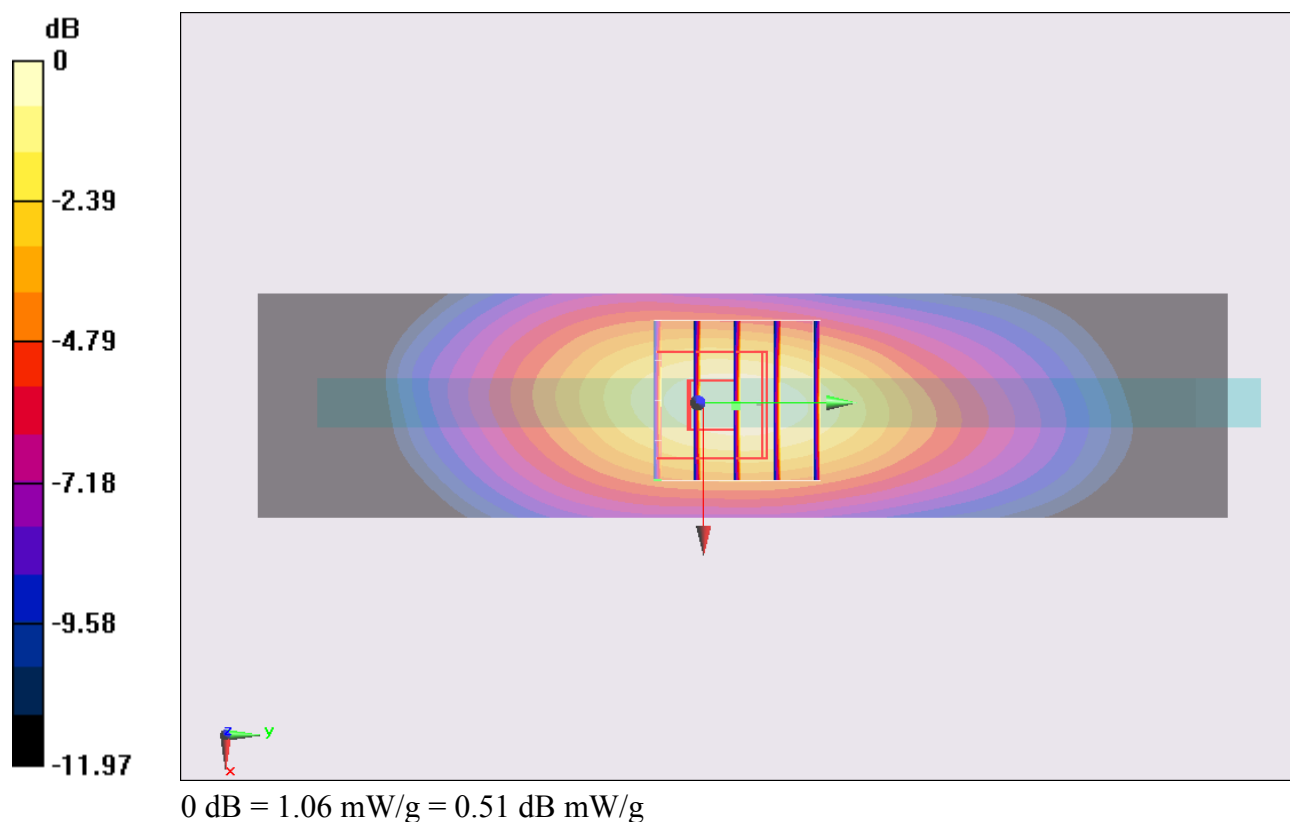
Configuration/Ch23800/Area Scan (31x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.06 mW/g**Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.564 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 1.587 mW/g

SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.561 mW/g

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



#87_LTE Band 17_10M_QPSK 25RB 24 offset_Edge2_0.5cm_Ch23780**DUT: 311130**

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

Medium: MSL_750_130103 Medium parameters used: $f = 709$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 55.191$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23780/Area Scan (31x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.958 mW/g

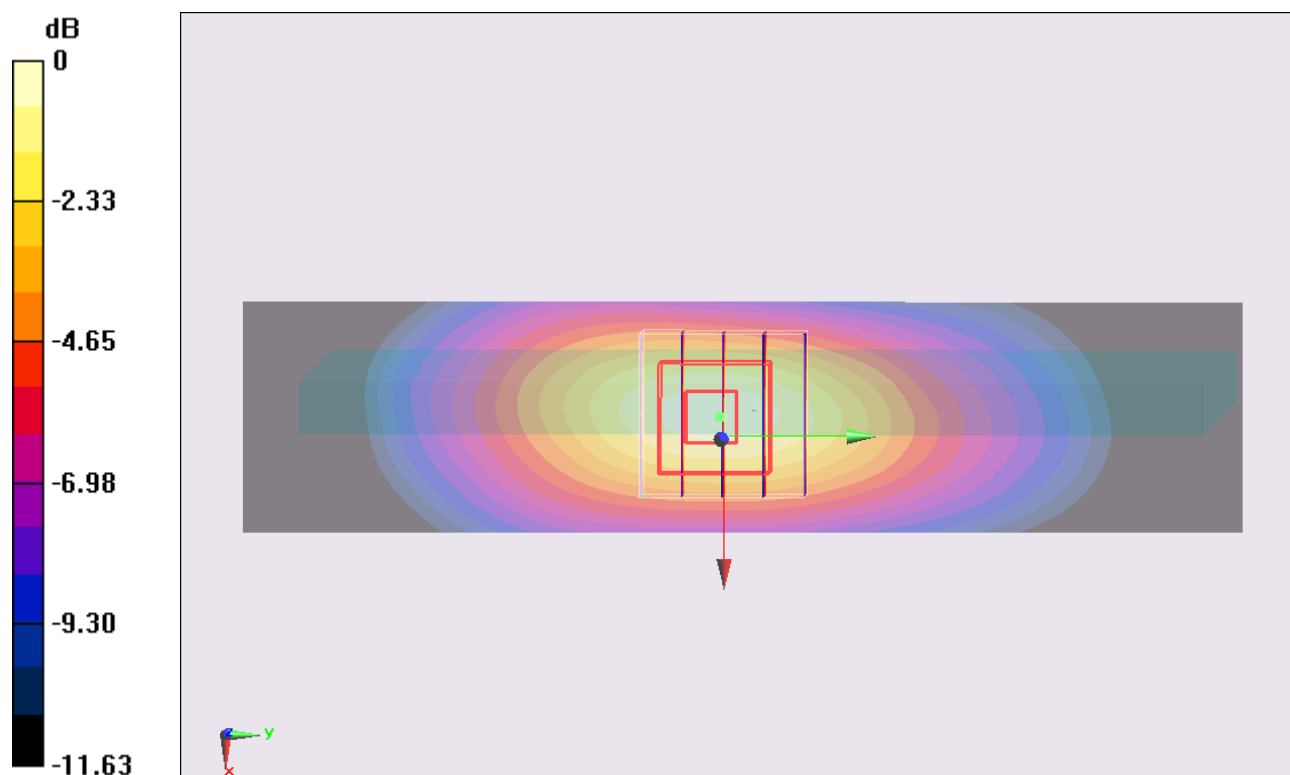
Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.387 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.563 mW/g

SAR(1 g) = 0.922 mW/g ; SAR(10 g) = 0.549 mW/g

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



0 dB = 1.02 mW/g = 0.17 dB mW/g

#88_LTE Band 17_10M_QPSK 25RB 24 offset_Edge2_0.5cm_Ch23790**DUT: 311130**

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

Medium: MSL_750_130103 Medium parameters used: $f = 710$ MHz; $\sigma = 0.936$ mho/m; $\epsilon_r = 55.181$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23790/Area Scan (31x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.991 mW/g

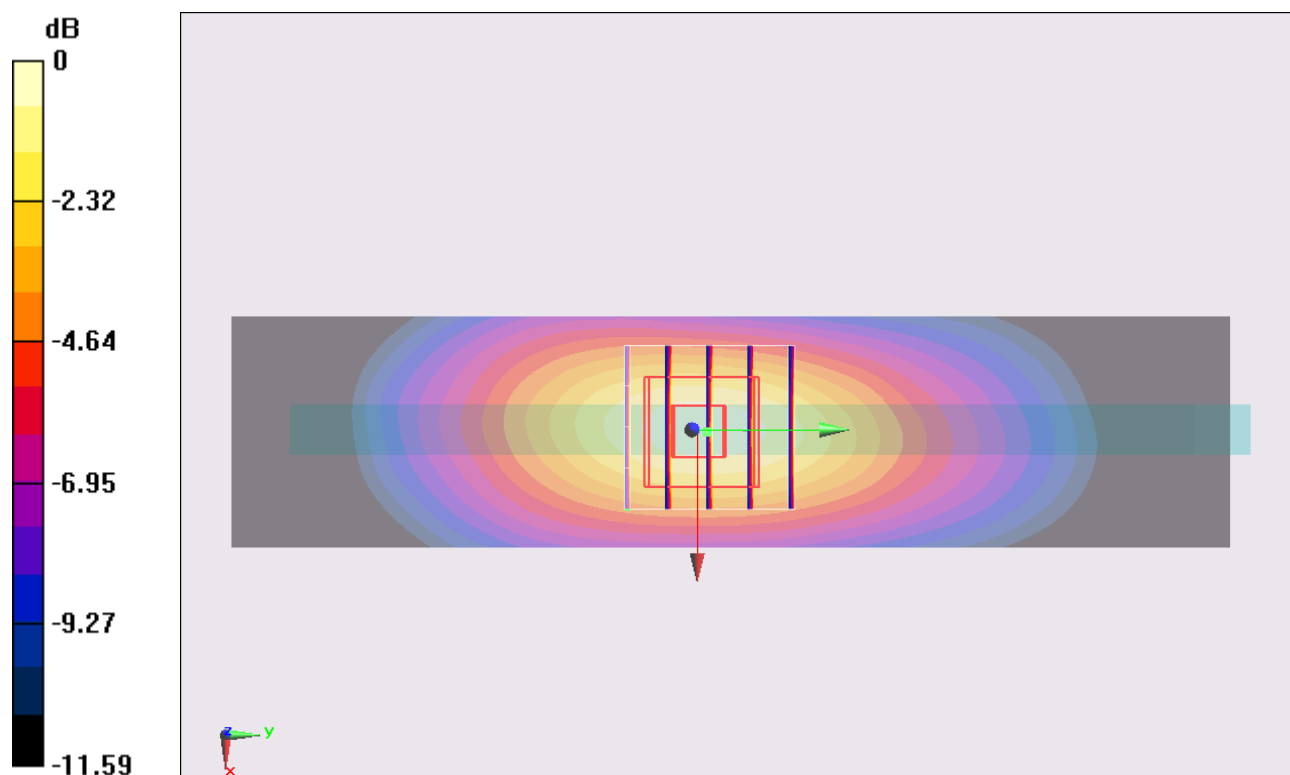
Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.733 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.583 mW/g

SAR(1 g) = 0.943 mW/g ; SAR(10 g) = 0.561 mW/g

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



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

#89_LTE Band 17_10M_QPSK 50RB 0 offset_Edge2_0.5cm_Ch23800**DUT: 311130**

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

Medium: MSL_750_130103 Medium parameters used: $f = 711$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 55.167$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23800/Area Scan (31x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.974 mW/g

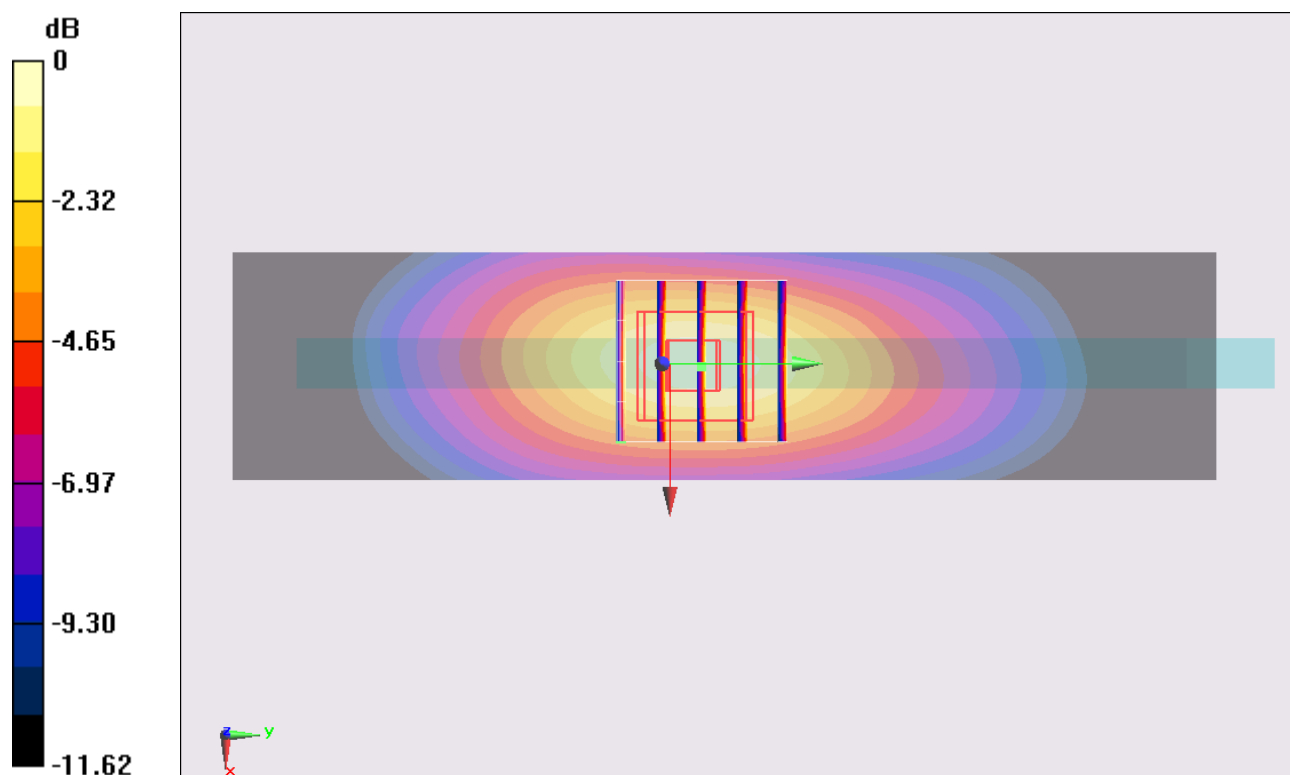
Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.485 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.569 mW/g

SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.554 mW/g

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



#90_LTE Band 17_10M_QPSK 1RB 0 offset_Edge3_0cm_Ch23790**DUT: 311130**

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

Medium: MSL_750_130103 Medium parameters used: $f = 710$ MHz; $\sigma = 0.936$ mho/m; $\epsilon_r = 55.181$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23790/Area Scan (31x211x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0712 mW/g

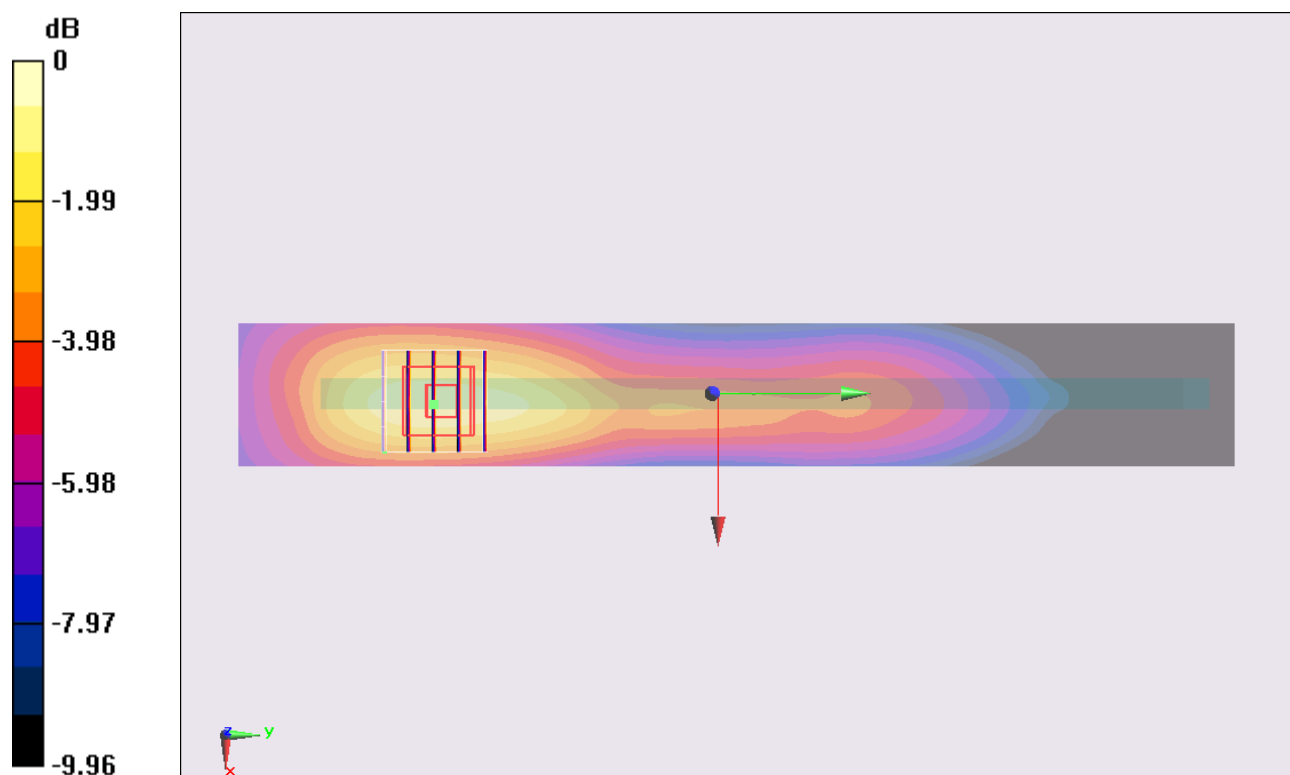
Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.713 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.129 mW/g

SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.0832 mW/g



0 dB = 0.0832 mW/g = -21.60 dB mW/g

#91_LTE Band 17_10M_QPSK 25RB 24 offset_Edge3_0cm_Ch23800**DUT: 311130**

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

Medium: MSL_750_130103 Medium parameters used: $f = 711$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 55.167$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23800/Area Scan (31x211x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.0674 mW/g

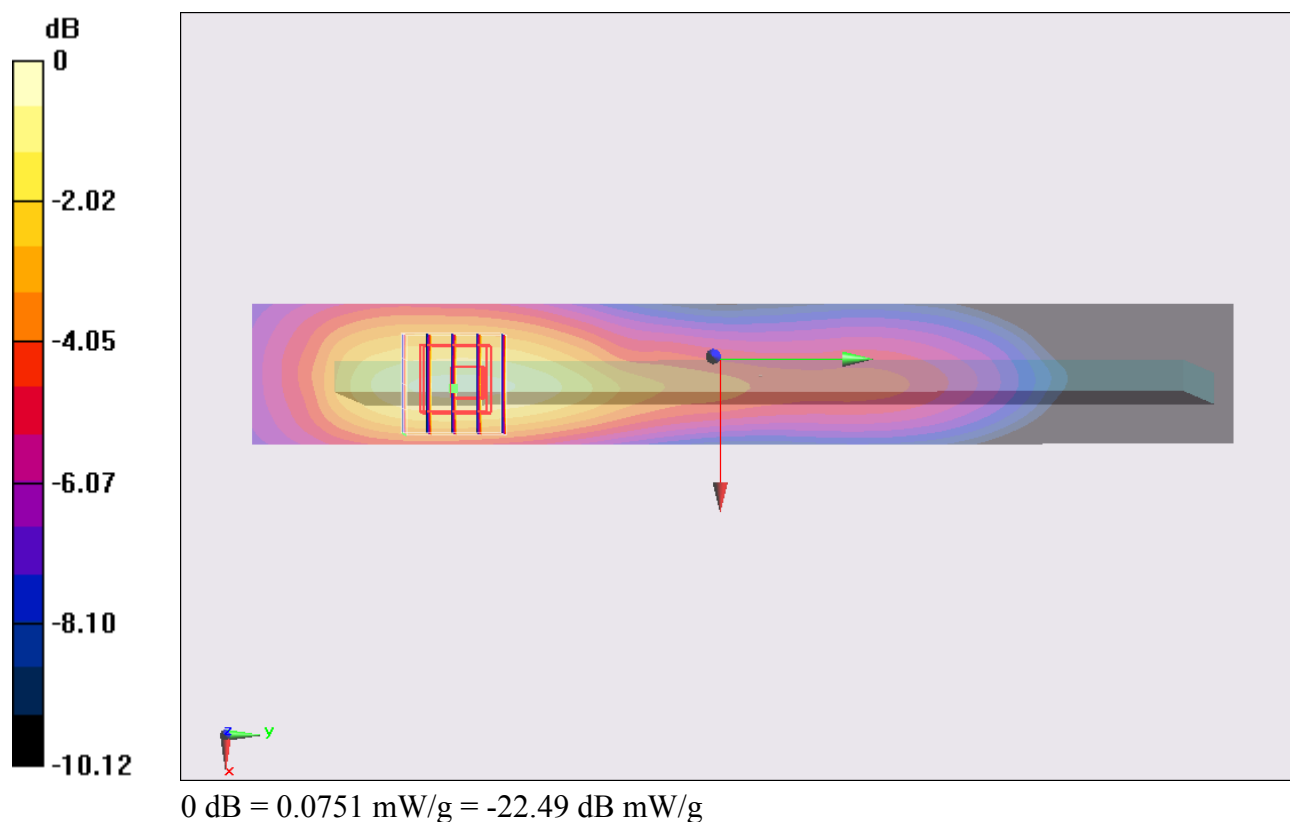
Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.213 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.114 mW/g

SAR(1 g) = 0.068 mW/g ; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.0751 mW/g



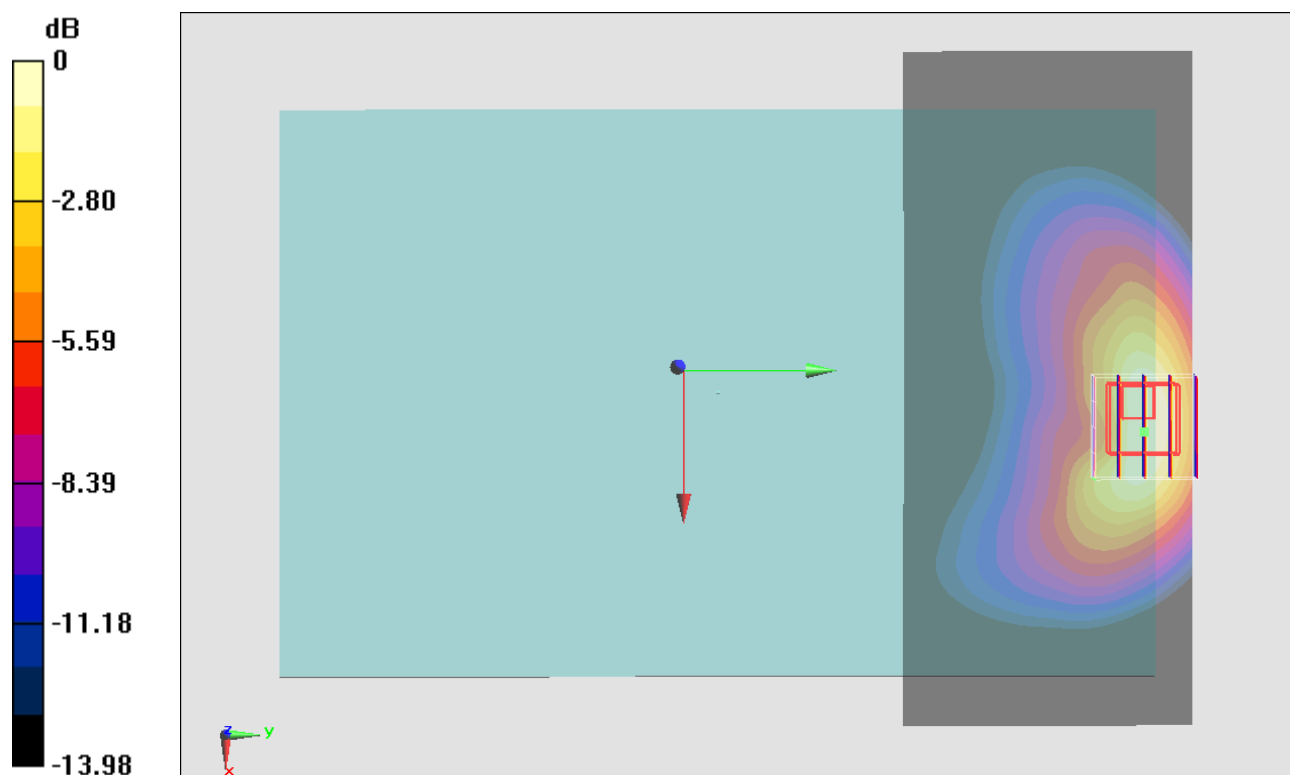
#51_LTE Band 17_10M_QPSK 1RB 0 offset_Bottom Face _0cm_Ch23800**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 711$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 54.837$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.2°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23800/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 1.13 mW/g **Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 35.798 V/m ; Power Drift = -0.001 dB Peak SAR (extrapolated) = 2.108 mW/g **SAR(1 g) = 1.03 mW/g ; SAR(10 g) = 0.558 mW/g** Maximum value of SAR (measured) = 1.09 mW/g  $0 \text{ dB} = 1.09 \text{ mW/g} = 0.75 \text{ dB mW/g}$

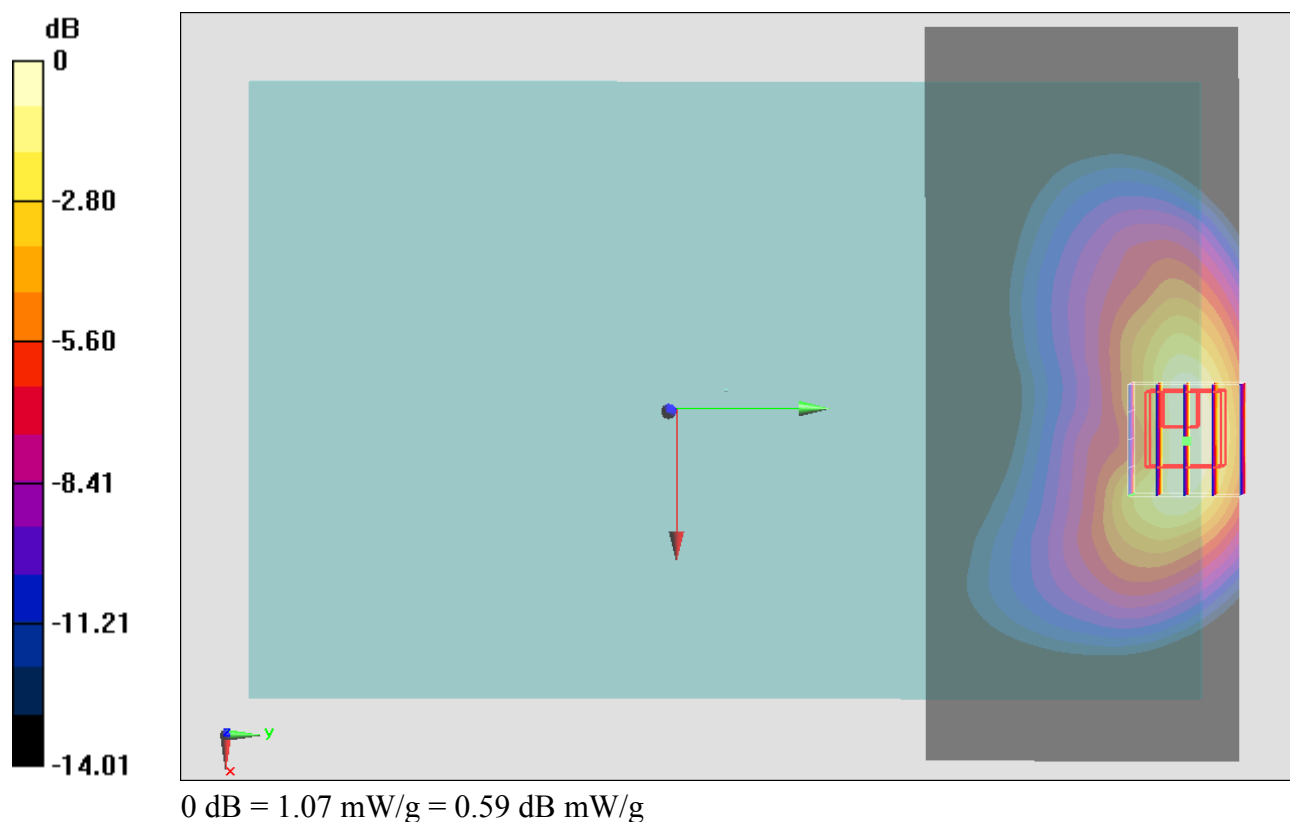
#52_LTE Band 17_10M_QPSK 1RB 0 offset_Bottom Face _0cm_Ch23790**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.844$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.2°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23790/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 1.09 mW/g **Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 35.466 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 2.028 mW/g **SAR(1 g) = 0.999 mW/g ; SAR(10 g) = 0.544 mW/g** Maximum value of SAR (measured) = 1.07 mW/g 

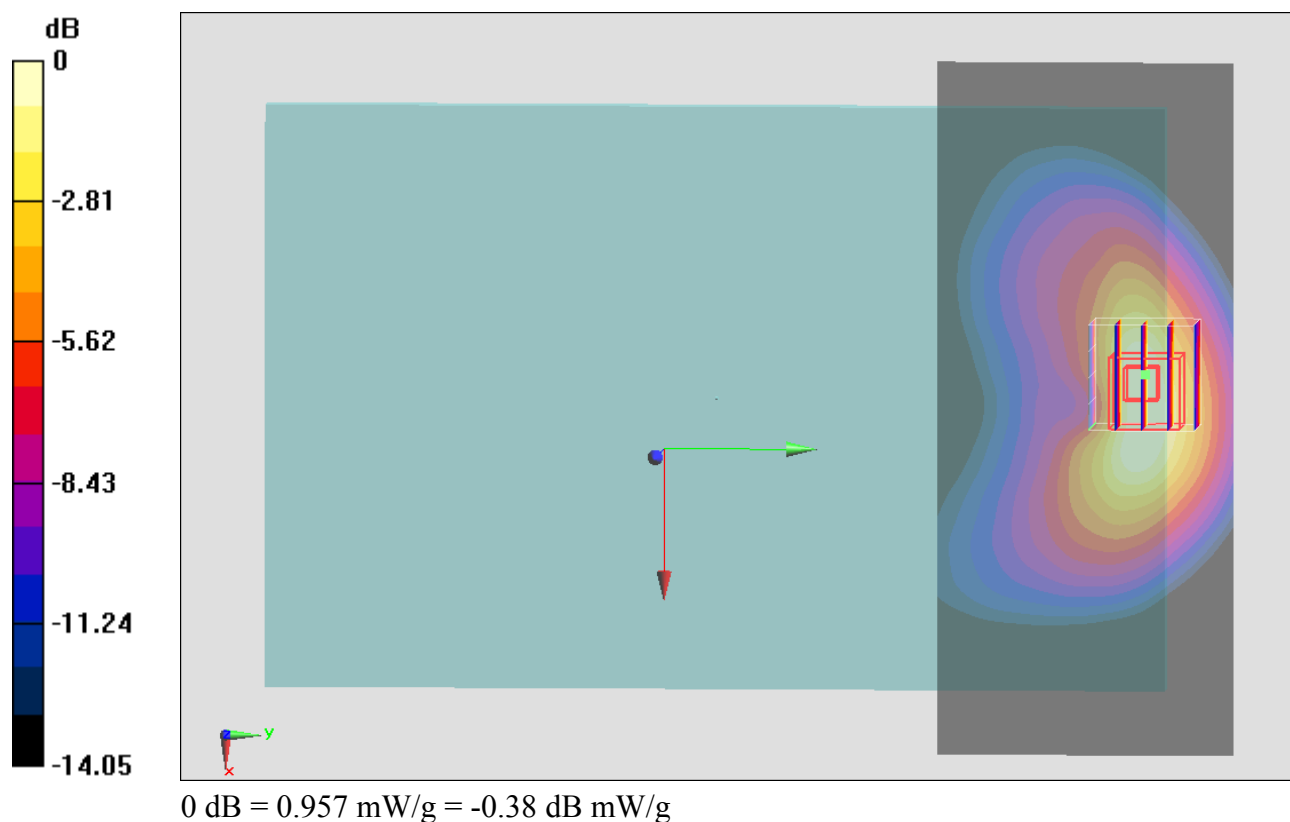
#53_LTE Band 17_10M_QPSK 1RB 0 offset_Bottom Face _0cm_Ch23780**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.855$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.2°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23780/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.979 mW/g **Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 32.955 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 1.674 mW/g **SAR(1 g) = 0.868 mW/g ; SAR(10 g) = 0.478 mW/g** Maximum value of SAR (measured) = 0.957 mW/g 

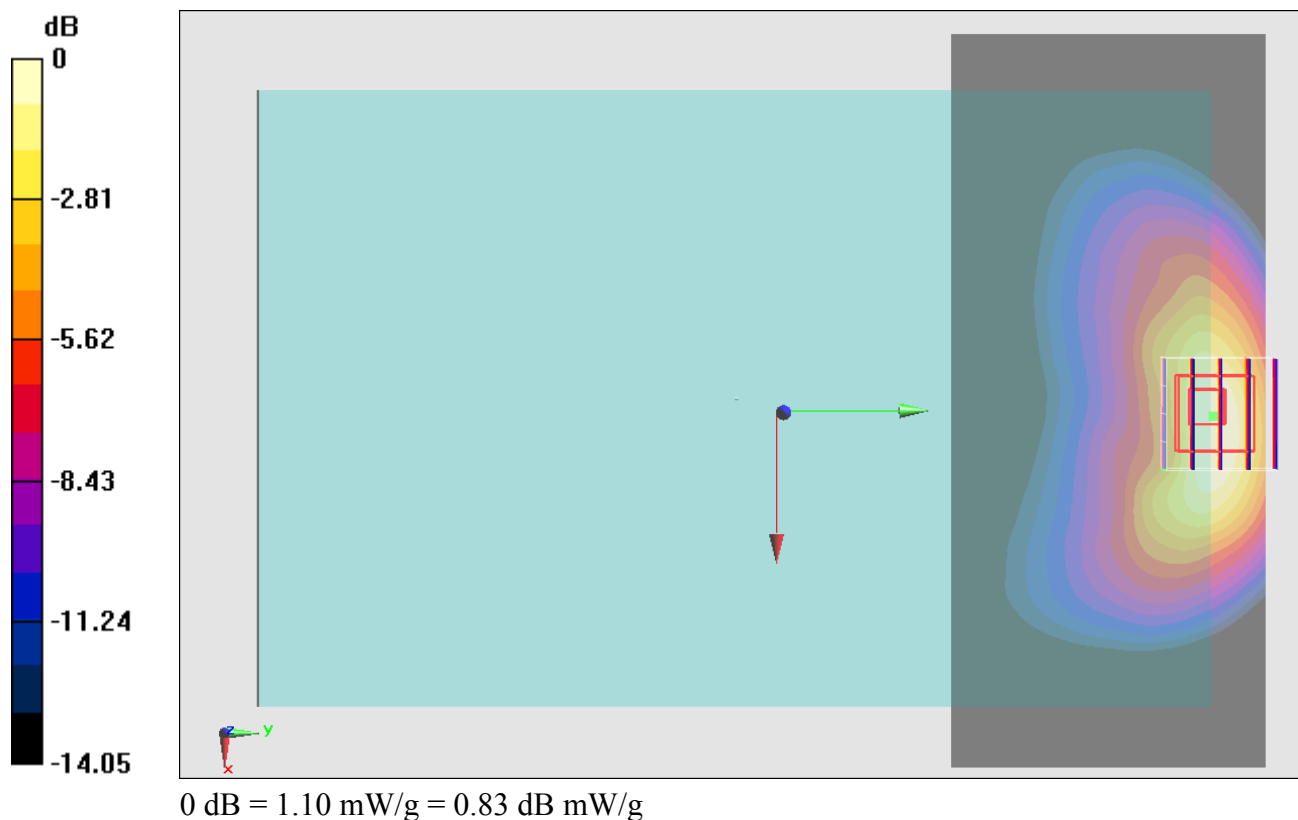
#54_LTE Band 17_10M_QPSK 25RB 0 offset_Bottom Face _0cm_Ch23800**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 711$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 54.837$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.2°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23800/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 1.16 mW/g **Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 36.206 V/m ; Power Drift = -0.07 dB Peak SAR (extrapolated) = 2.142 mW/g **SAR(1 g) = 1.04 mW/g ; SAR(10 g) = 0.554 mW/g** Maximum value of SAR (measured) = 1.10 mW/g 

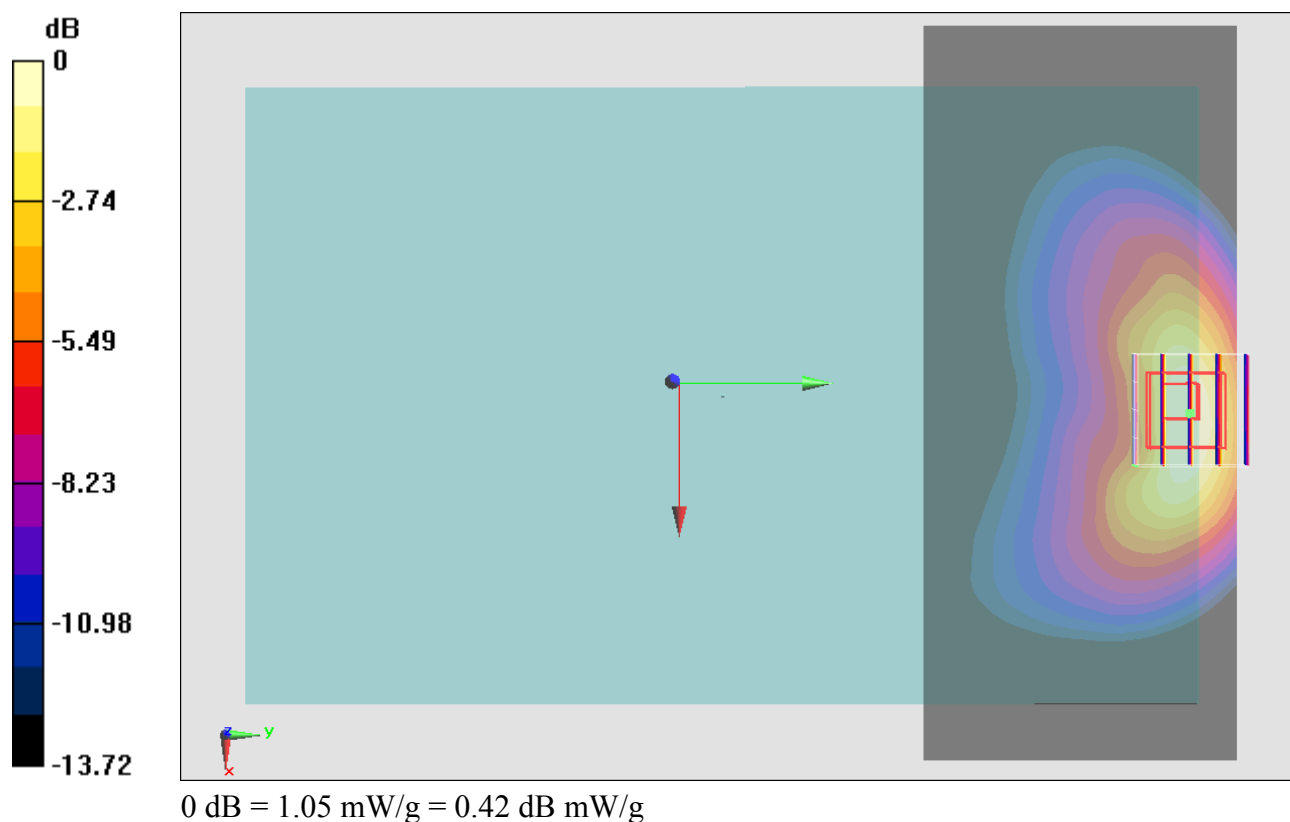
#55 LTE Band 17_10M_QPSK 25RB 0 offset_Bottom Face _0cm_Ch23790**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.844$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.2°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23790/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 1.08 mW/g **Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 34.474 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 2.016 mW/g **SAR(1 g) = 0.983 mW/g ; SAR(10 g) = 0.527 mW/g** Maximum value of SAR (measured) = 1.05 mW/g 

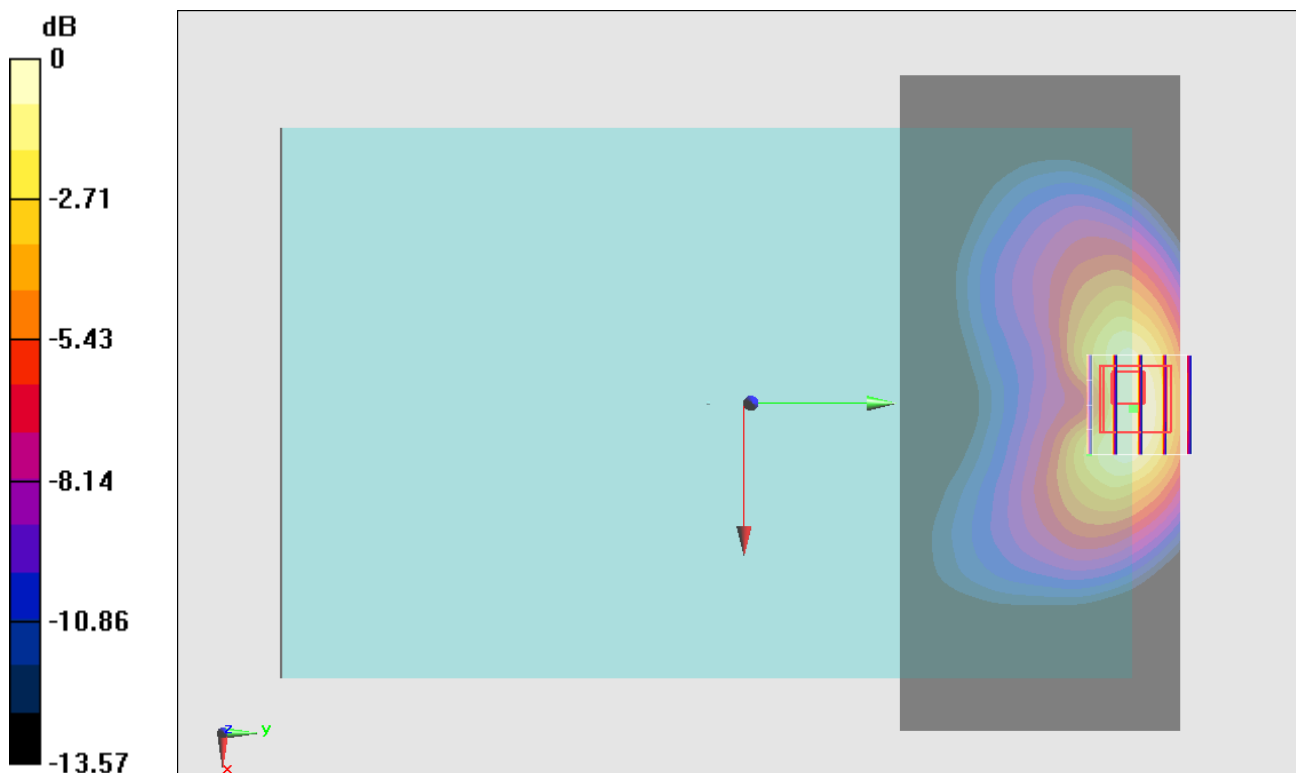
#56_LTE Band 17_10M_QPSK 25RB 0 offset_Bottom Face _0cm_Ch23780**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.855$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.2°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23780/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 1.01 mW/g **Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 33.987 V/m ; Power Drift = 0.01 dB Peak SAR (extrapolated) = 1.814 mW/g **SAR(1 g) = 0.931 mW/g ; SAR(10 g) = 0.509 mW/g** Maximum value of SAR (measured) = 0.982 mW/g 

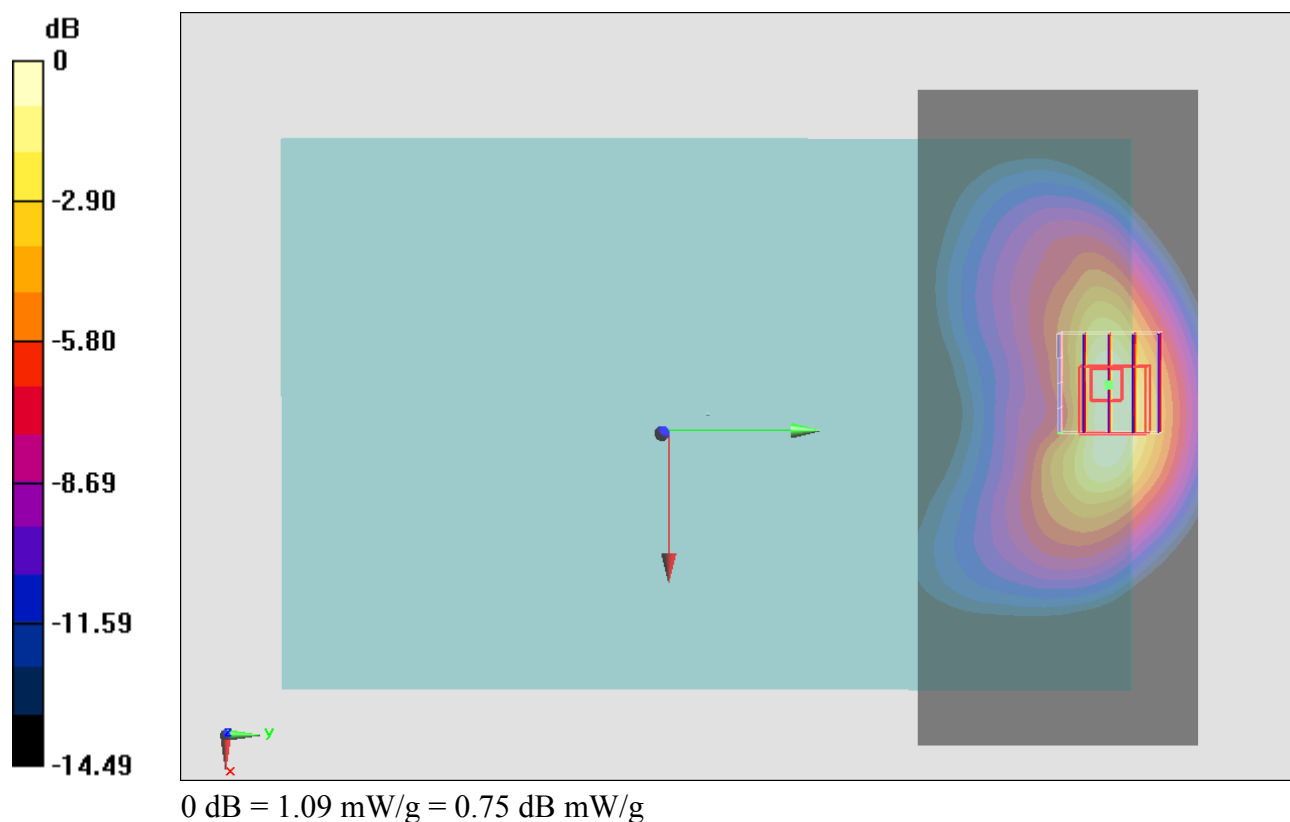
#57_LTE Band 17_10M_QPSK 50RB 0 offset_Bottom Face _0cm_Ch23800**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 711$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 54.837$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.2°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23800/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 1.12 mW/g **Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 35.631 V/m ; Power Drift = -0.02 dB Peak SAR (extrapolated) = 1.946 mW/g **SAR(1 g) = 0.985 mW/g ; SAR(10 g) = 0.534 mW/g** Maximum value of SAR (measured) = 1.09 mW/g 

#58_LTE Band 17_10M_QPSK 1RB 0 offset_Edge2_0cm_Ch23800**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 711$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 54.837$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23800/Area Scan (31x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

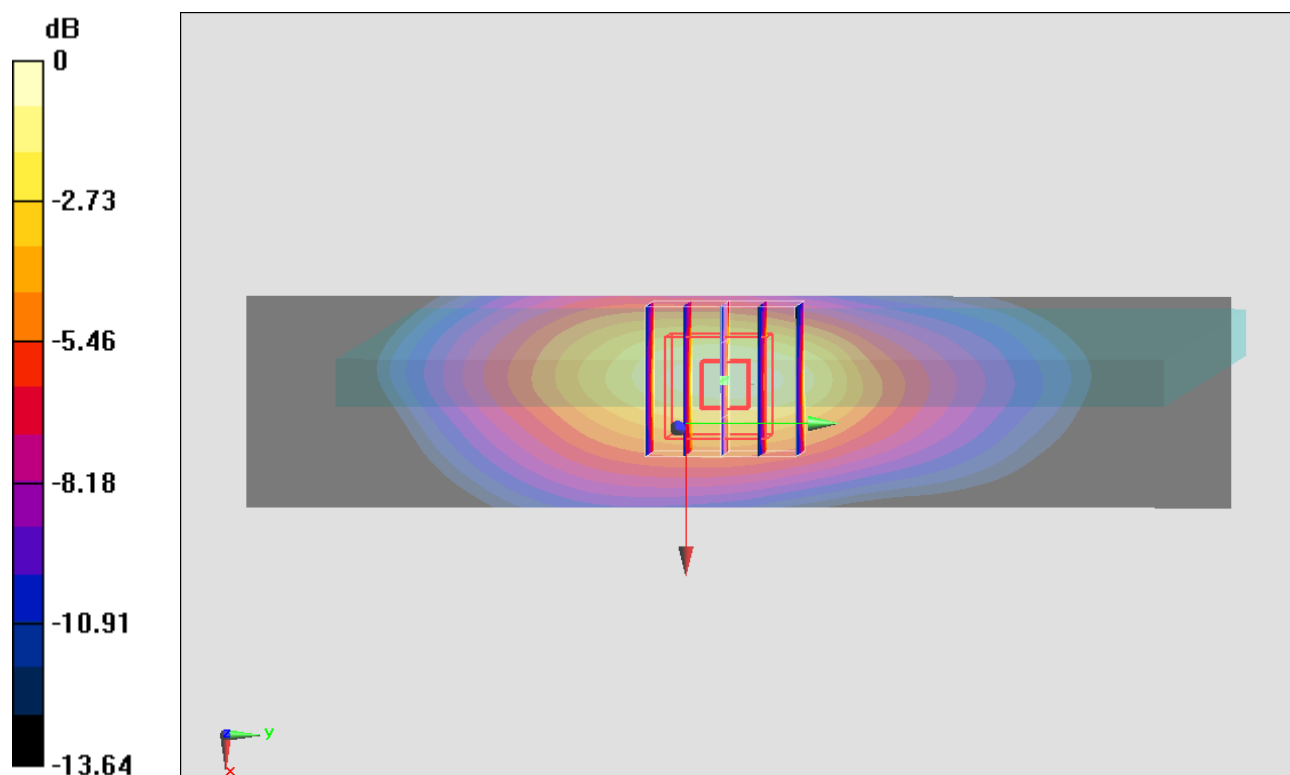
Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 38.195 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.142 mW/g

SAR(1 g) = 1.07 mW/g ; SAR(10 g) = 0.560 mW/g

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



0 dB = 1.22 mW/g = 1.73 dB mW/g

#59_LTE Band 17_10M_QPSK 1RB 0 offset_Edge2_0cm_Ch23790**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.844$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23790/Area Scan (31x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.12 mW/g

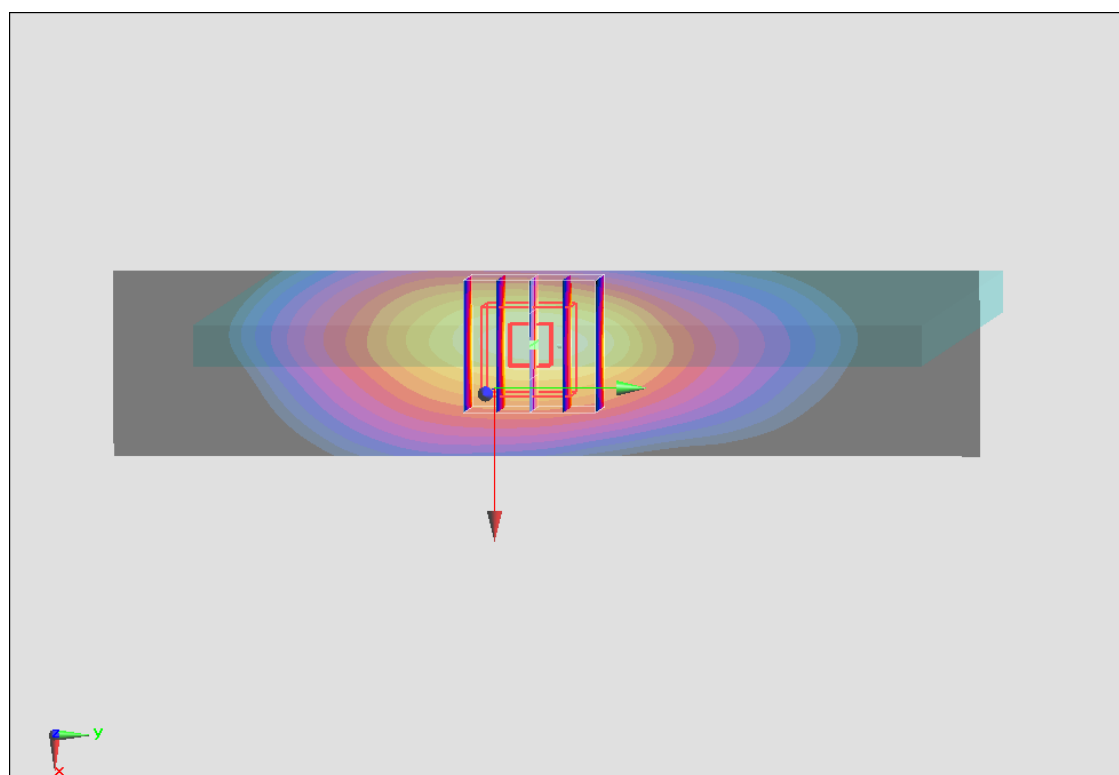
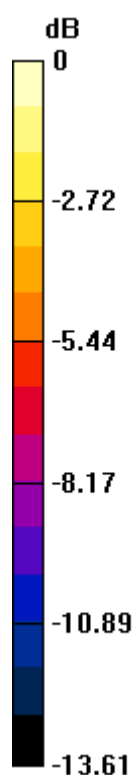
Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 37.457 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.045 mW/g

SAR(1 g) = 1.02 mW/g ; SAR(10 g) = 0.539 mW/g

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



0 dB = 1.18 mW/g = 1.44 dB mW/g

#60_LTE Band 17_10M_QPSK 1RB 0 offset_Edge2_0cm_Ch23780**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.855$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23780/Area Scan (31x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

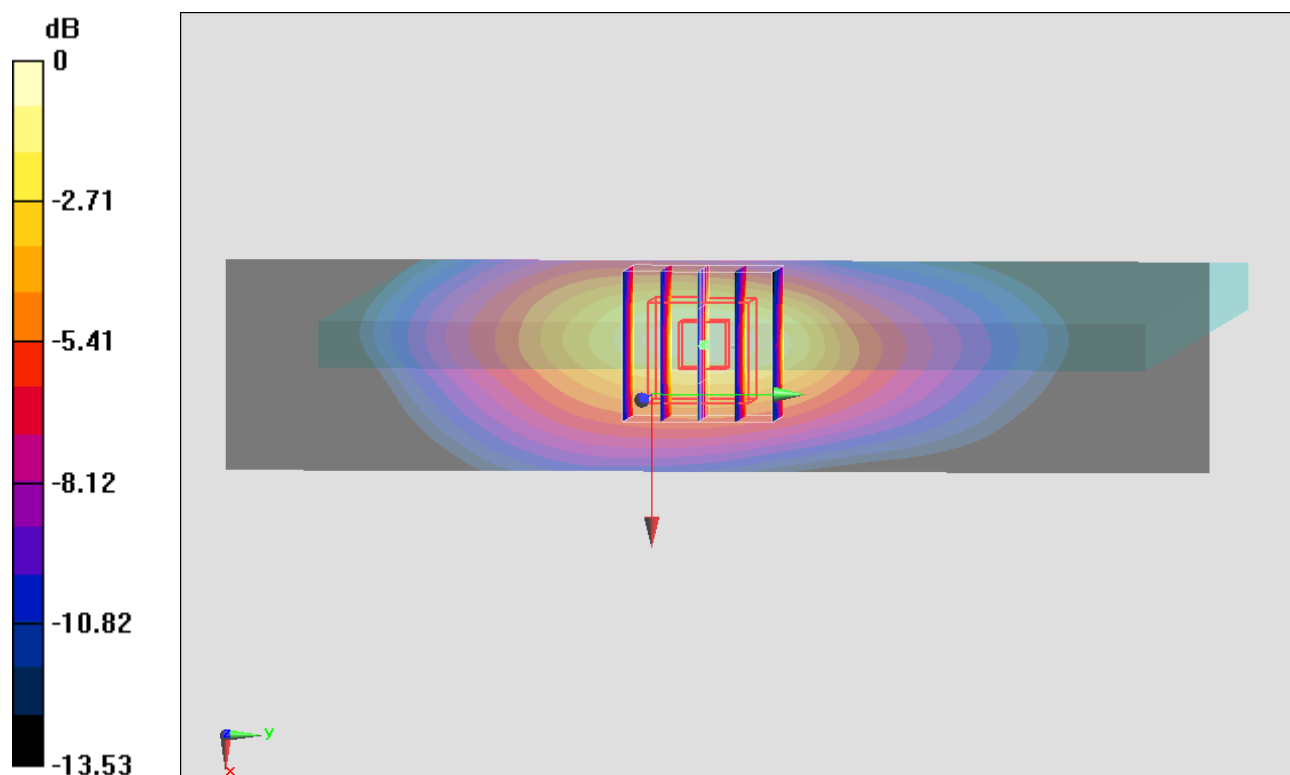
Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 37.084 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.032 mW/g

SAR(1 g) = 1.01 mW/g ; SAR(10 g) = 0.534 mW/g

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



0 dB = 1.16 mW/g = 1.29 dB mW/g

#61_LTE Band 17_10M_QPSK 25RB 0 offset_Edge2_0cm_Ch23800**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 711$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 54.837$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23800/Area Scan (31x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

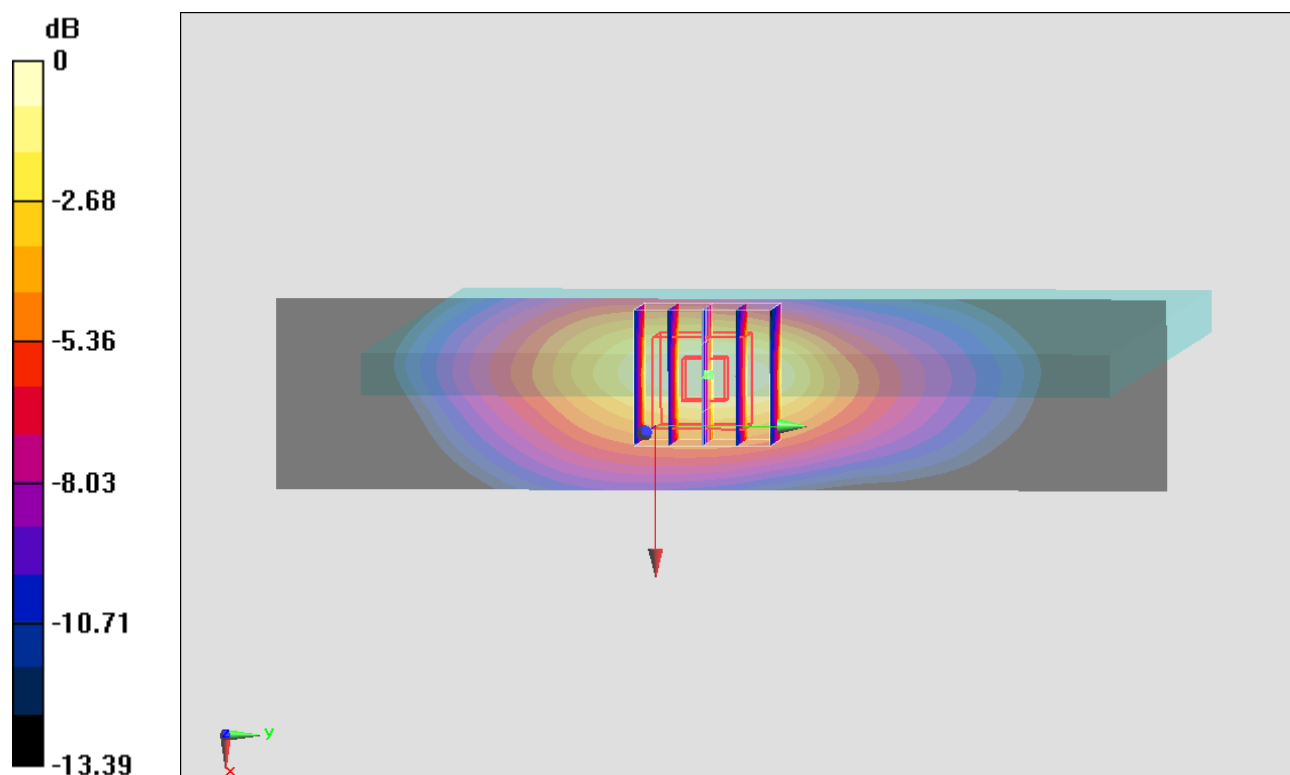
Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.152 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.793 mW/g

SAR(1 g) = 0.921 mW/g ; SAR(10 g) = 0.492 mW/g

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



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

#62_LTE Band 17_10M_QPSK 25RB 0 offset_Edge2_0cm_Ch23790**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.844$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23790/Area Scan (31x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

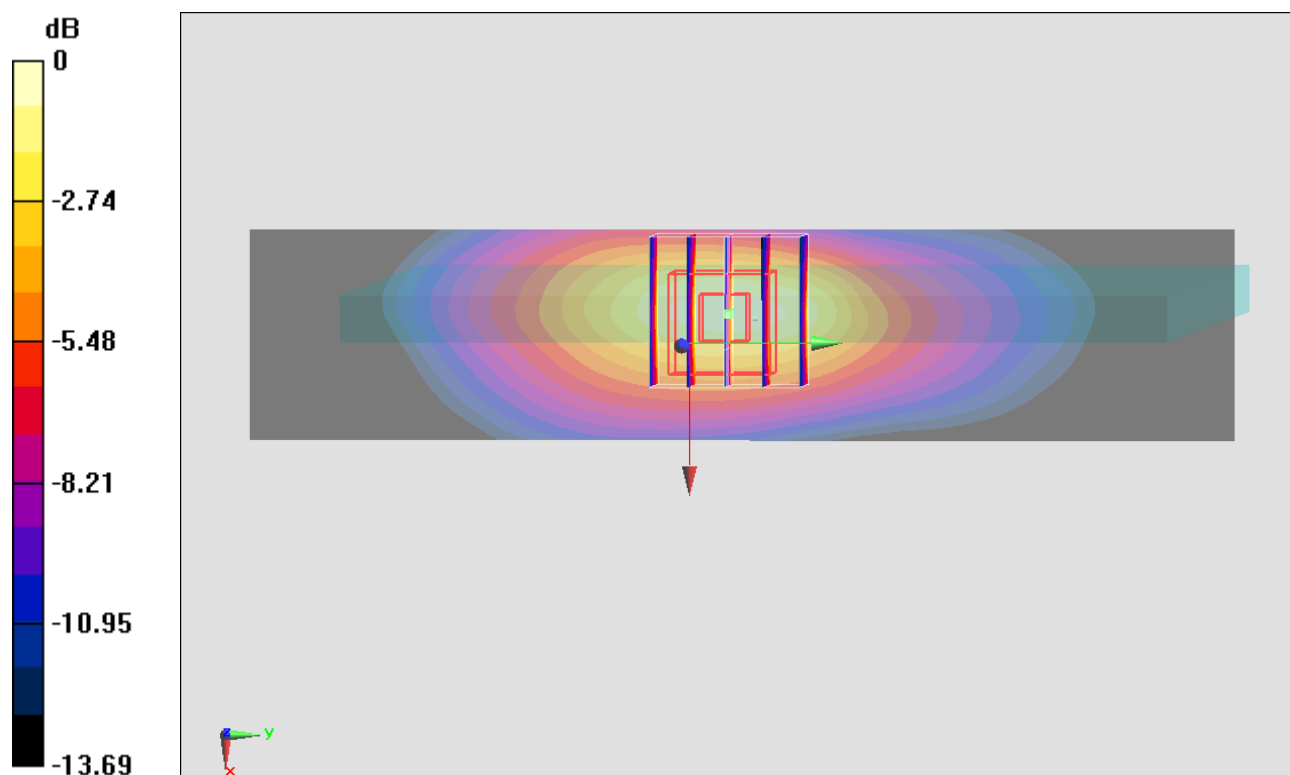
Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 36.440 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.989 mW/g

SAR(1 g) = 0.979 mW/g ; SAR(10 g) = 0.509 mW/g

Maximum value of SAR (measured) = 1.12 mW/g



0 dB = 1.12 mW/g = 0.98 dB mW/g

#63_LTE Band 17_10M_QPSK 25RB 0 offset_Edge2_0cm_Ch23780**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.855$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23780/Area Scan (31x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

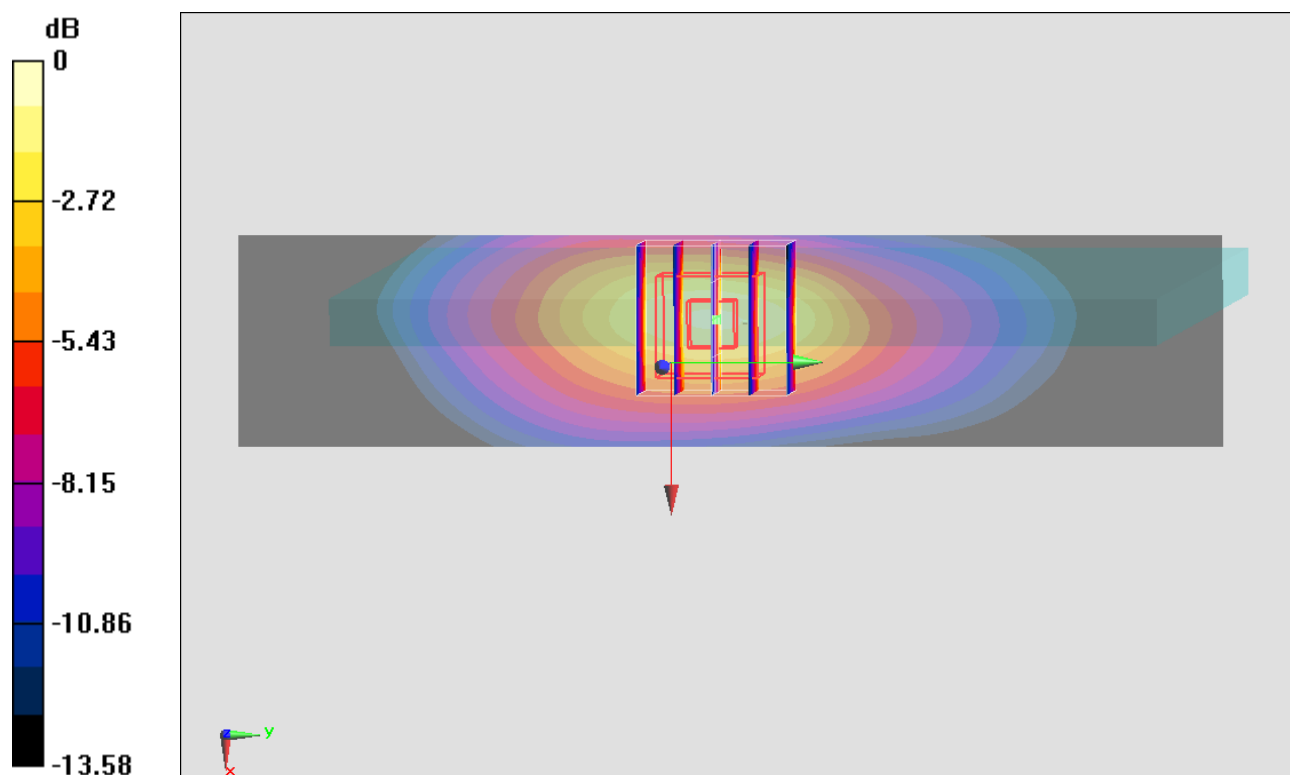
Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 37.468 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.053 mW/g

SAR(1 g) = 1.02 mW/g ; SAR(10 g) = 0.540 mW/g

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



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

#64_LTE Band 17_10M_QPSK 50RB 0 offset_Edge2_0cm_Ch23800**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 711$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 54.837$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23800/Area Scan (31x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

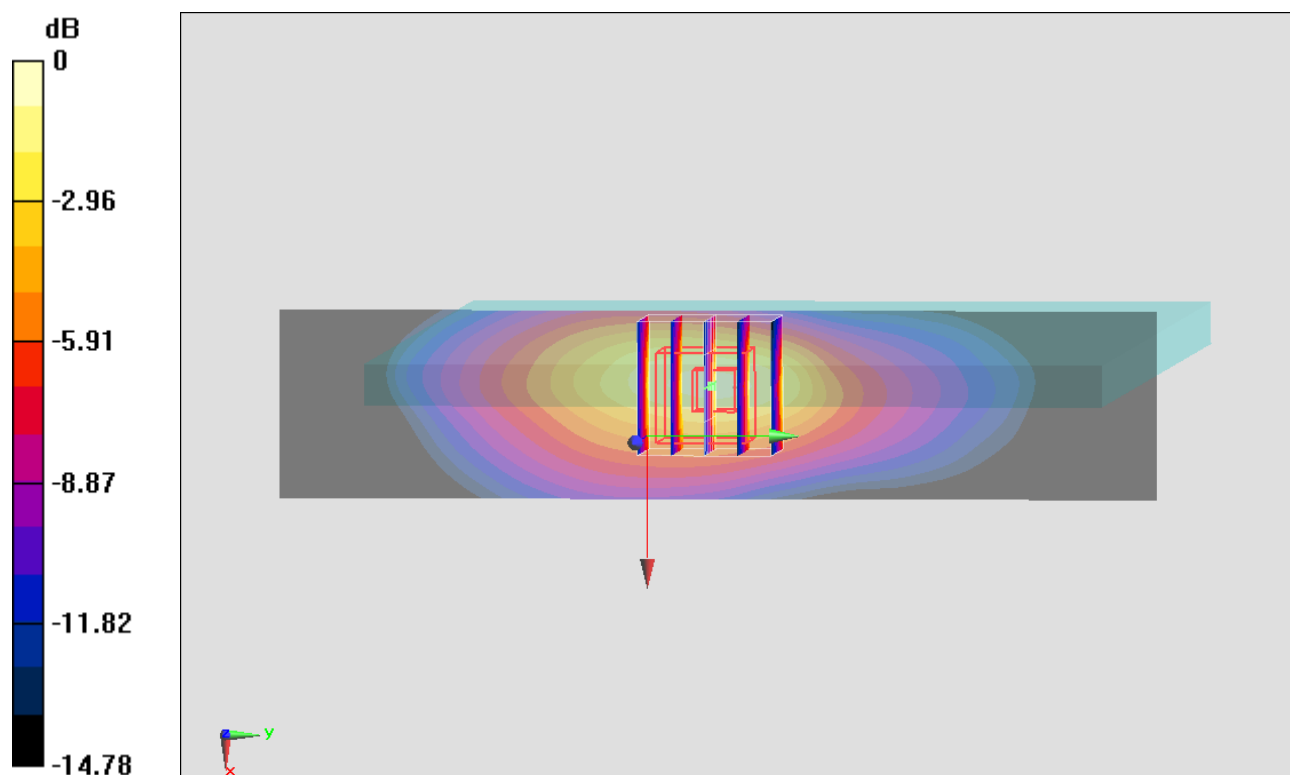
Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 36.763 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.174 mW/g

SAR(1 g) = 0.979 mW/g ; SAR(10 g) = 0.488 mW/g

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



0 dB = 1.13 mW/g = 1.06 dB mW/g

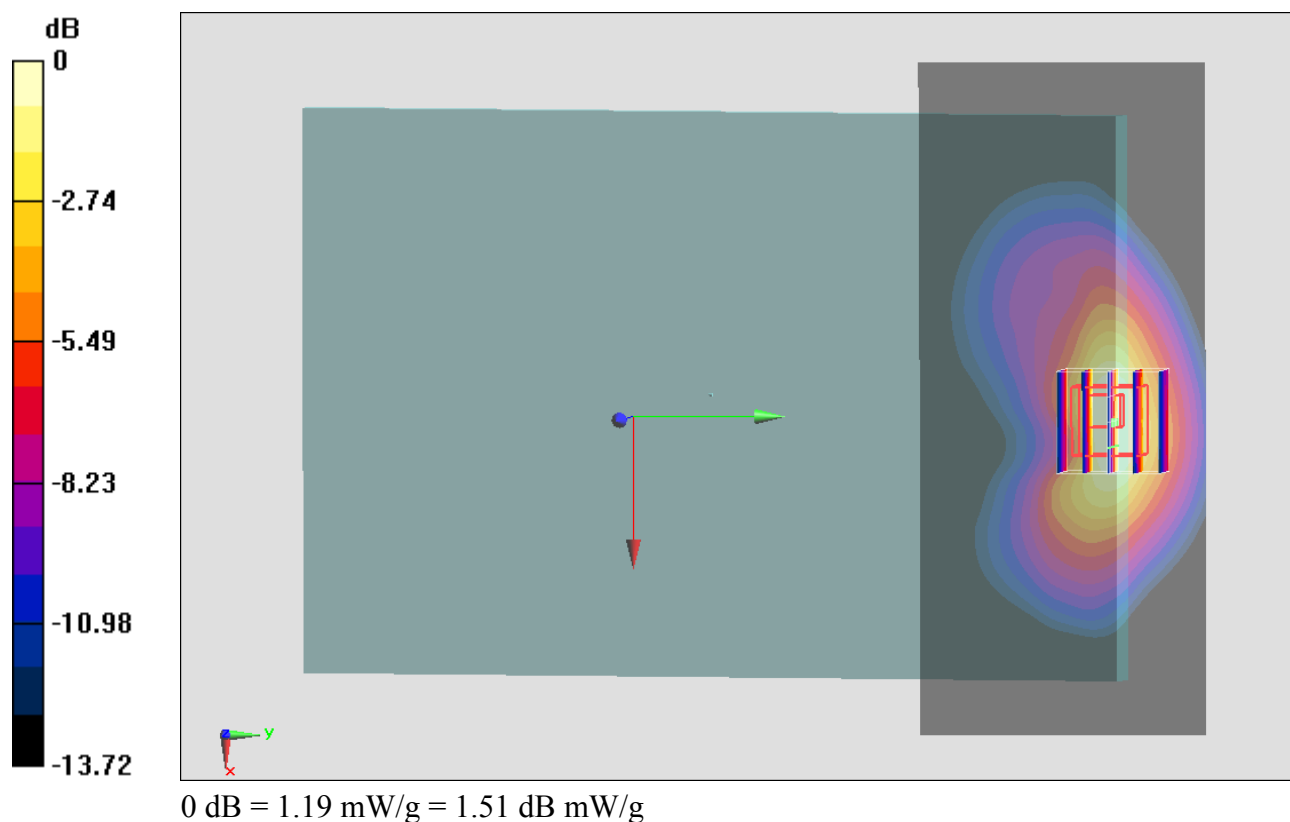
#65_LTE Band 17_10M_QPSK 1RB 0 offset_Curved surface of Edge 2_0cm_Ch23800**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 711$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 54.837$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.2°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23800/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 1.42 mW/g **Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 37.943 V/m ; Power Drift = -0.02 dB Peak SAR (extrapolated) = 2.418 mW/g **SAR(1 g) = 1.16 mW/g ; SAR(10 g) = 0.589 mW/g** Maximum value of SAR (measured) = 1.19 mW/g 

**#98_LTE Band 17_10M_QPSK 1RB 0 offset_Curved surface of Edge 2
_0cm_Ch23800_Repeat****DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 711$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 54.837$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

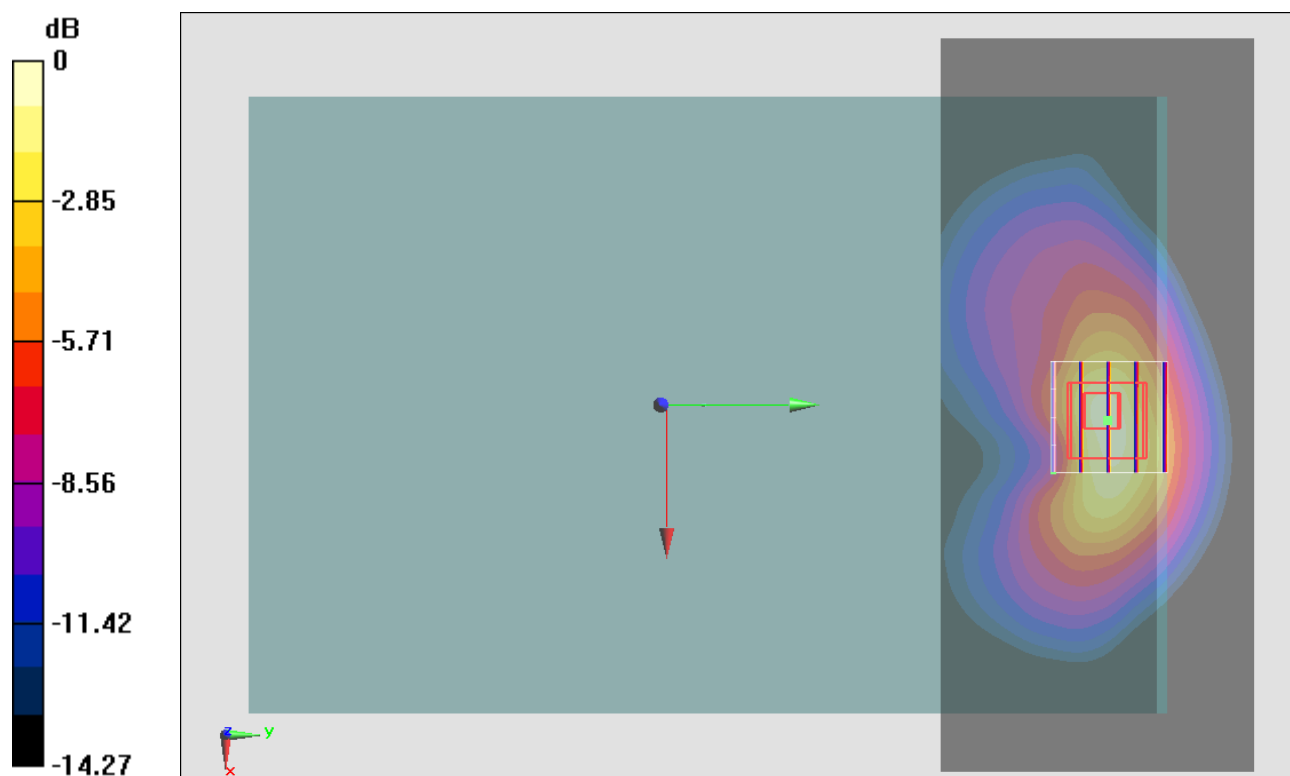
Configuration/Ch23800/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.15 mW/g**Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.752 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.459 mW/g

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.573 mW/g

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



0 dB = 1.22 mW/g = 1.73 dB mW/g

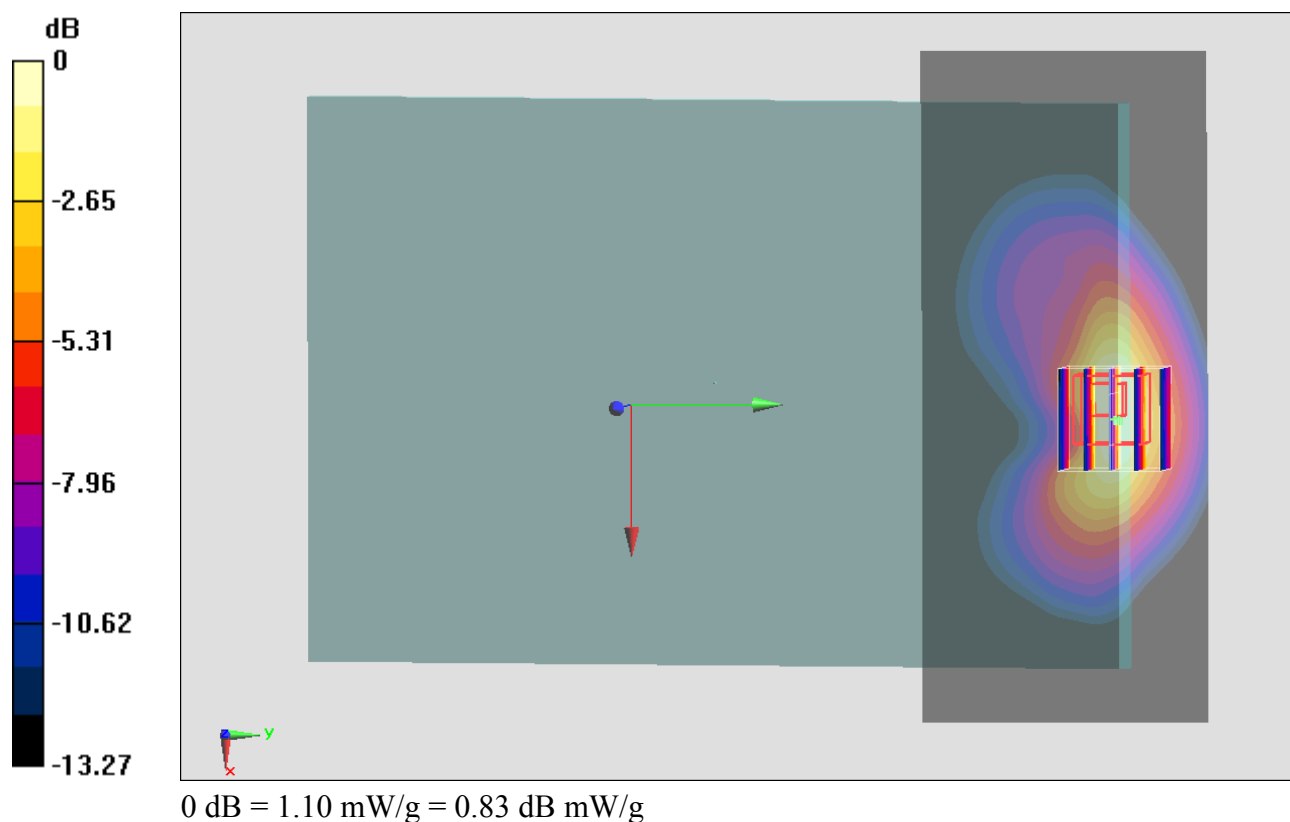
#66_LTE Band 17_10M_QPSK 1RB 0 offset_Curved surface of Edge 2_0cm_Ch23790**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.844$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.2°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23790/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 1.28 mW/g **Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 36.595 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 2.204 mW/g **SAR(1 g) = 1.07 mW/g ; SAR(10 g) = 0.555 mW/g** Maximum value of SAR (measured) = 1.10 mW/g 

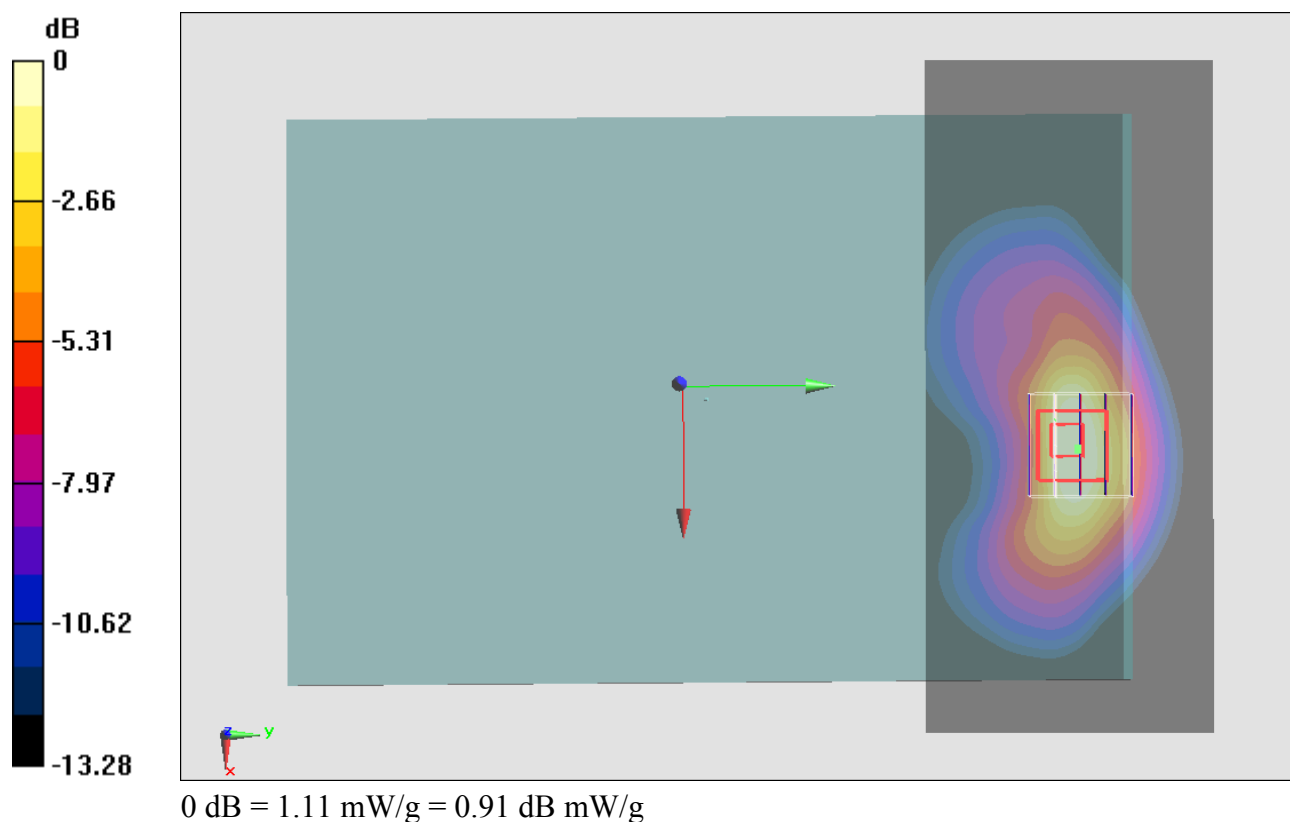
#67_LTE Band 17_10M_QPSK 1RB 0 offset_Curved surface of Edge 2_0cm_Ch23780**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.855$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.2°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23780/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 1.27 mW/g **Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 35.205 V/m ; Power Drift = -0.141 dB Peak SAR (extrapolated) = 2.119 mW/g **SAR(1 g) = 1.03 mW/g ; SAR(10 g) = 0.529 mW/g** Maximum value of SAR (measured) = 1.11 mW/g 

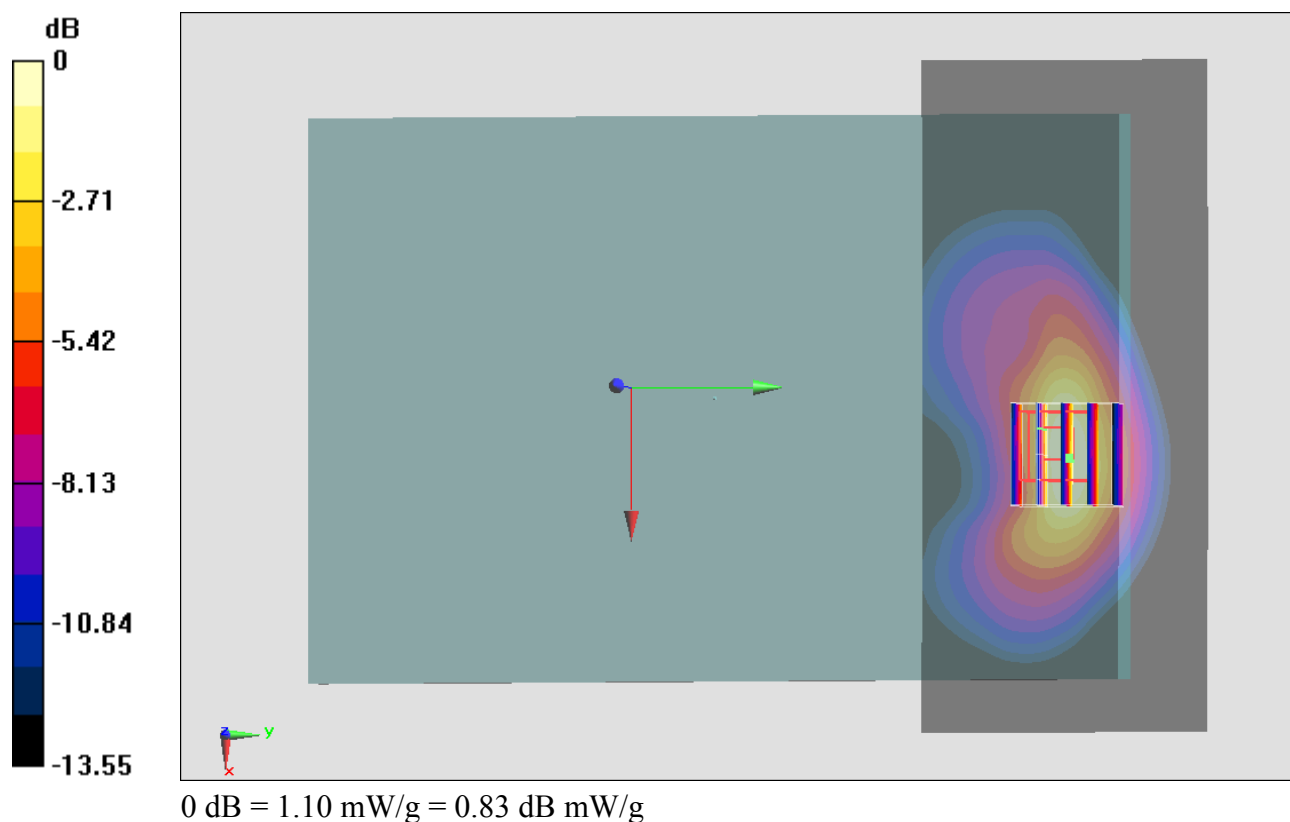
#68_LTE Band 17_10M_QPSK 25RB 0 offset_Curved surface of Edge 2_0cm_Ch23800**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 711$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 54.837$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.2°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23800/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 1.17 mW/g **Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 33.859 V/m ; Power Drift = -0.127 dB Peak SAR (extrapolated) = 1.978 mW/g **SAR(1 g) = 0.982 mW/g ; SAR(10 g) = 0.509 mW/g** Maximum value of SAR (measured) = 1.10 mW/g 

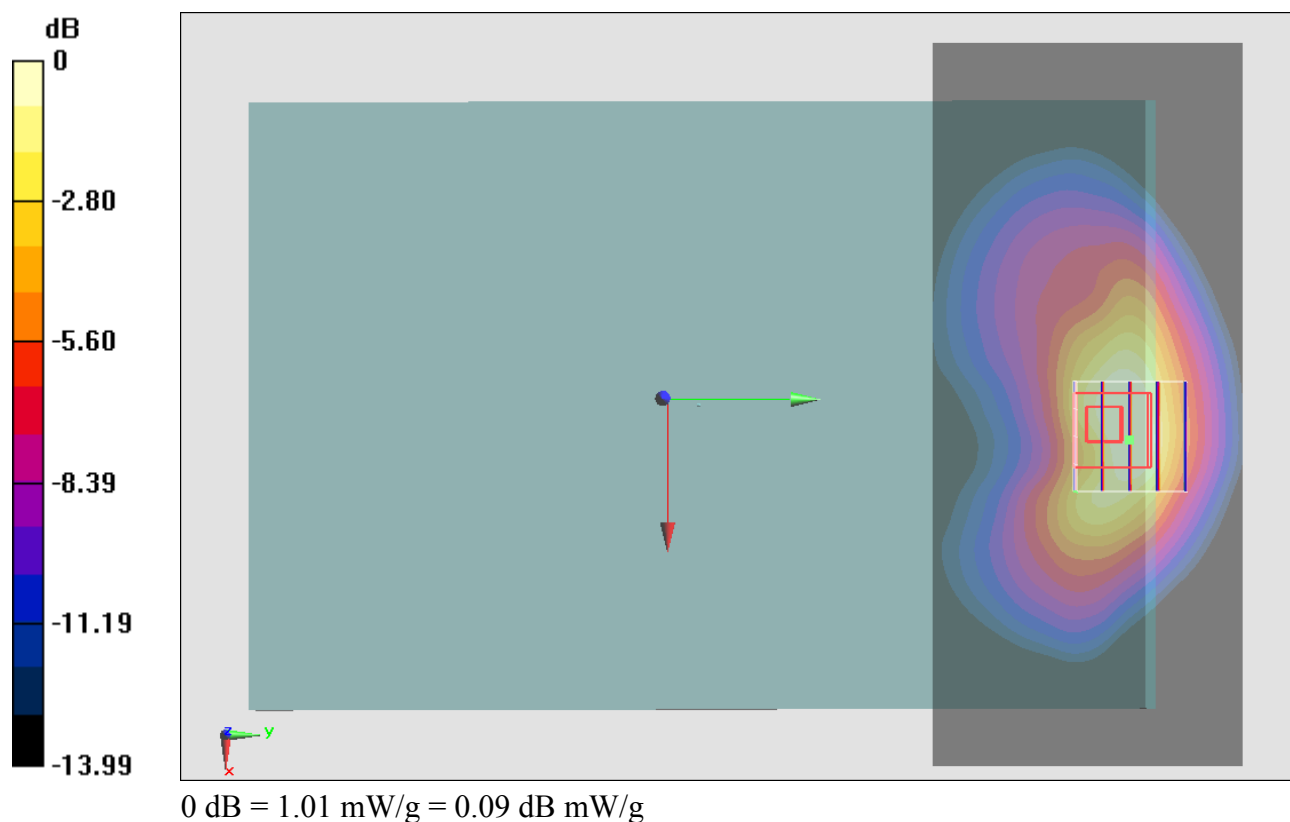
#69_LTE Band 17_10M_QPSK 25RB 0 offset_Curved surface of Edge 2_0cm_Ch23790**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.844$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.2°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23790/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 1.12 mW/g **Configuration/Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 31.507 V/m ; Power Drift = -0.187 dB Peak SAR (extrapolated) = 1.750 mW/g **SAR(1 g) = 0.891 mW/g ; SAR(10 g) = 0.473 mW/g** Maximum value of SAR (measured) = 1.01 mW/g 

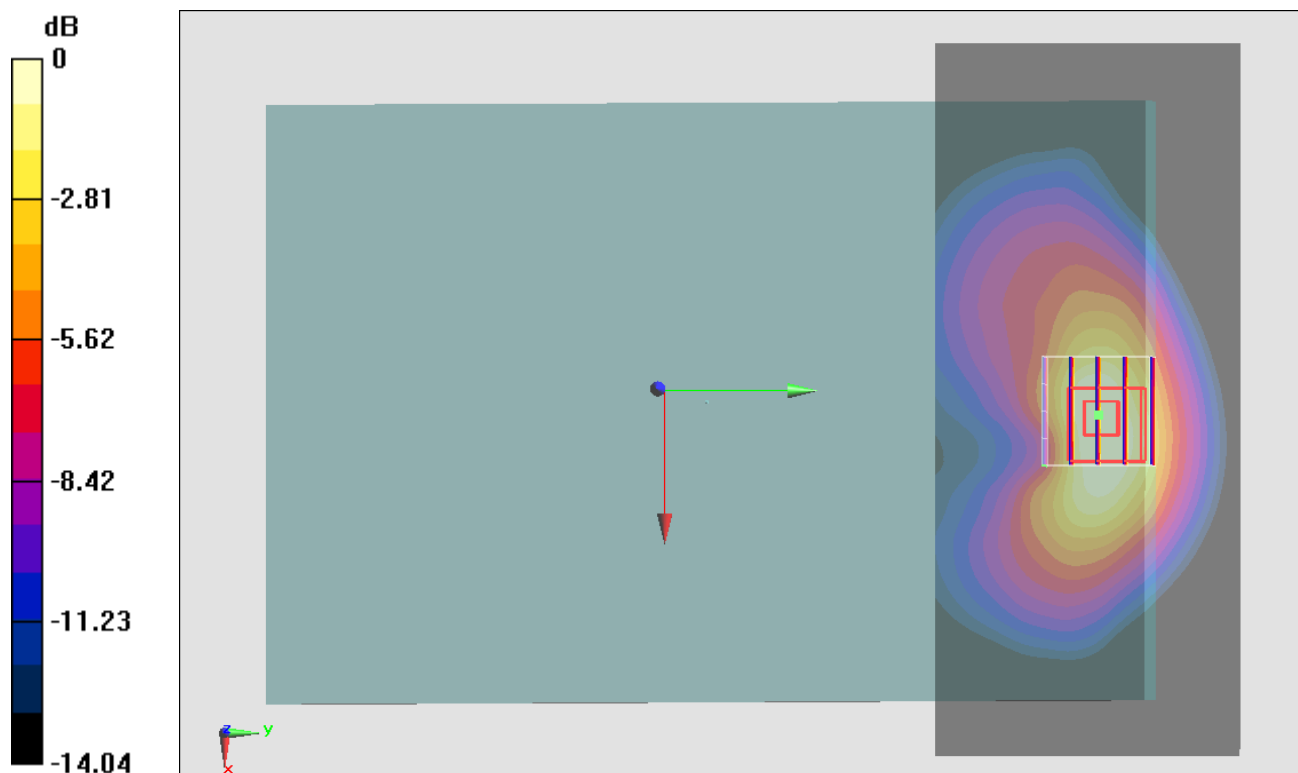
#70_LTE Band 17_10M_QPSK 25RB 0 offset_Curved surface of Edge 2_0cm_Ch23780**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.855$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.2°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23780/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 1.16 mW/g **Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 33.395 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 1.662 mW/g **SAR(1 g) = 0.852 mW/g ; SAR(10 g) = 0.461 mW/g** Maximum value of SAR (measured) = 0.954 mW/g  $0 \text{ dB} = 0.954 \text{ mW/g} = -0.41 \text{ dB mW/g}$

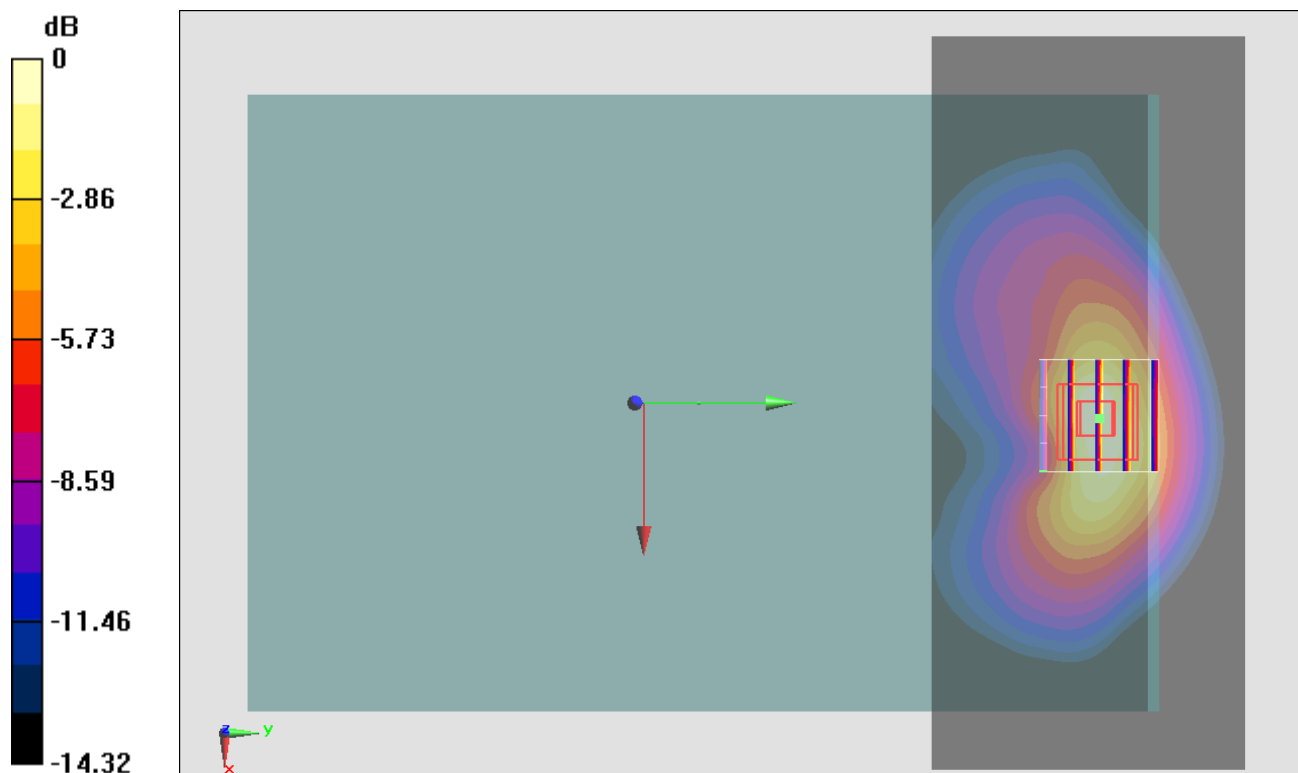
#71_LTE Band 17_10M_QPSK 50RB 0 offset_Curved surface of Edge 2_0cm_Ch23800**DUT: 311130**

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

Medium: MSL_750_121221 Medium parameters used: $f = 711$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 54.837$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.2°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23800/Area Scan (141x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 1.22 mW/g **Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 38.182 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 2.364 mW/g **SAR(1 g) = 1.11 mW/g ; SAR(10 g) = 0.566 mW/g** Maximum value of SAR (measured) = 1.20 mW/g 

#137_LTE Band 4_10M_QPSK 1RB 0 offset_Bottom Face_1cm_Ch20175**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r = 51.561$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

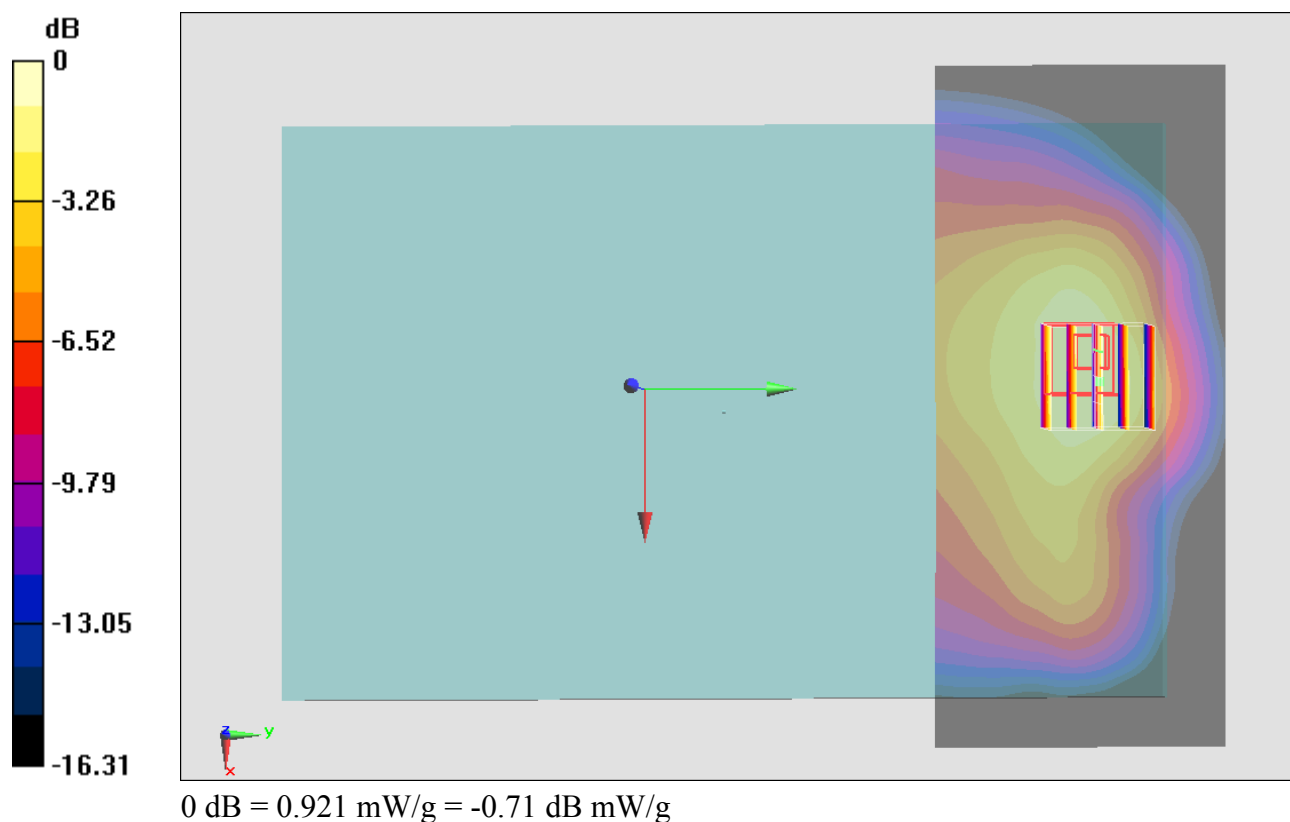
Configuration/Ch20175/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.717 mW/g**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.218 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.305 mW/g

SAR(1 g) = 0.866 mW/g; SAR(10 g) = 0.559 mW/g

Maximum value of SAR (measured) = 0.921 mW/g



#138_LTE Band 4_10M_QPSK 1RB 0 offset_Bottom Face_1cm_Ch20000**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 51.614$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20000/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

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

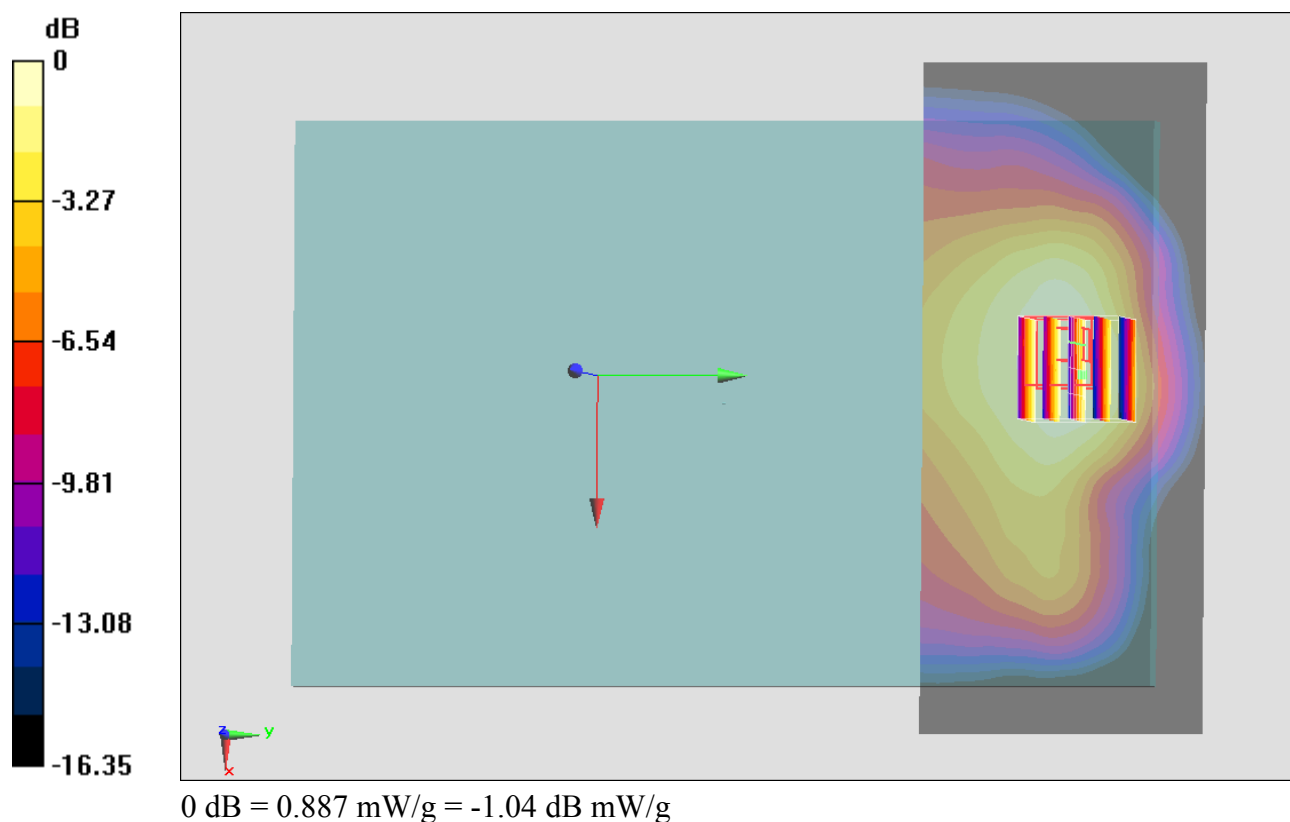
Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.985 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.246 mW/g

SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.543 mW/g

Maximum value of SAR (measured) = 0.887 mW/g



#139_LTE Band 4_10M_QPSK 1RB 0 offset_Bottom Face_1cm_Ch20350**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.546$ mho/m; $\epsilon_r = 51.518$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20350/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.946 mW/g

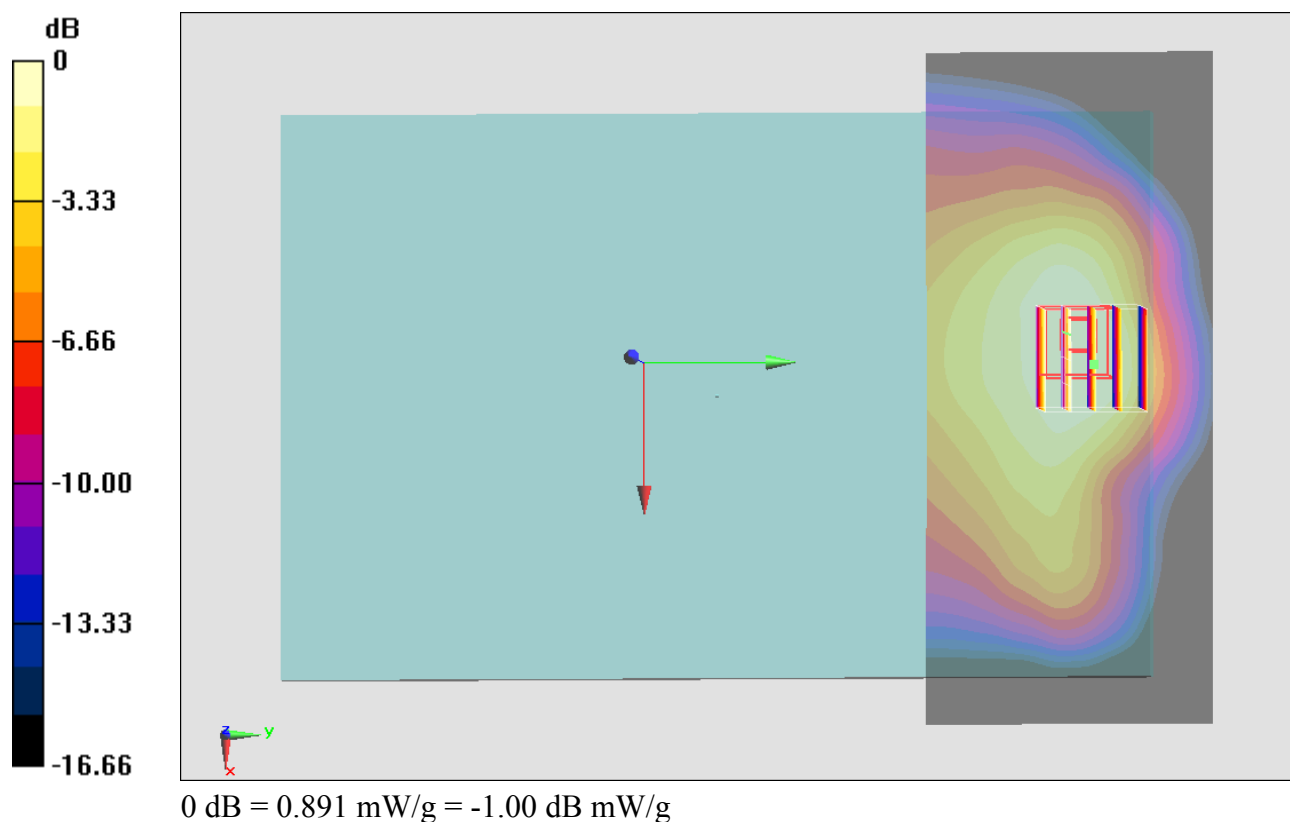
Configuration/Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.104 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.283 mW/g

SAR(1 g) = 0.845 mW/g; SAR(10 g) = 0.538 mW/g

Maximum value of SAR (measured) = 0.891 mW/g



#140_LTE Band 4_10M_QPSK 25RB 24 offset_Bottom Face_1cm_Ch20000**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 51.614$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

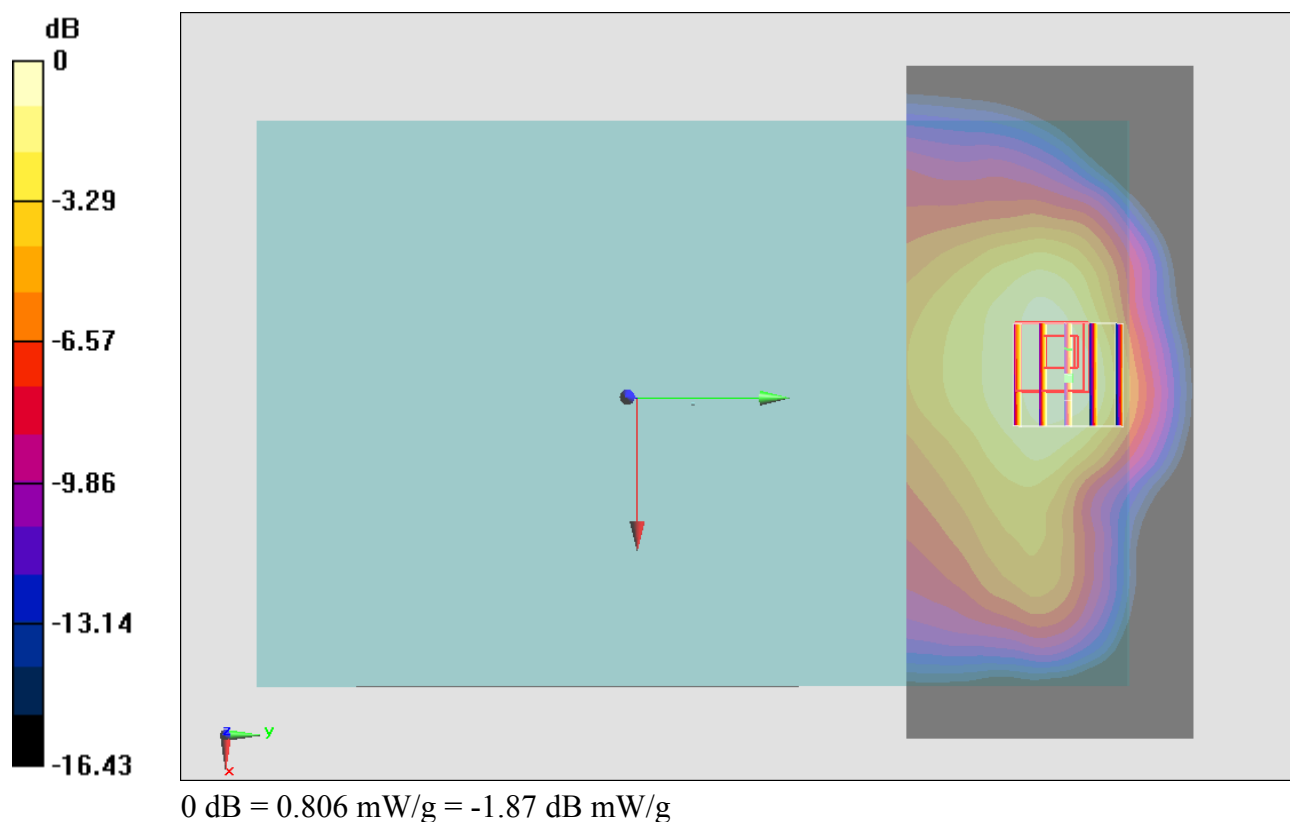
Configuration/Ch20000/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.737 mW/g**Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.268 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 1.129 mW/g

SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.489 mW/g

Maximum value of SAR (measured) = 0.806 mW/g



#141_LTE Band 4_10M_QPSK 25RB 12 offset_Bottom Face_1cm_Ch20175**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r = 51.561$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20175/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.852 mW/g

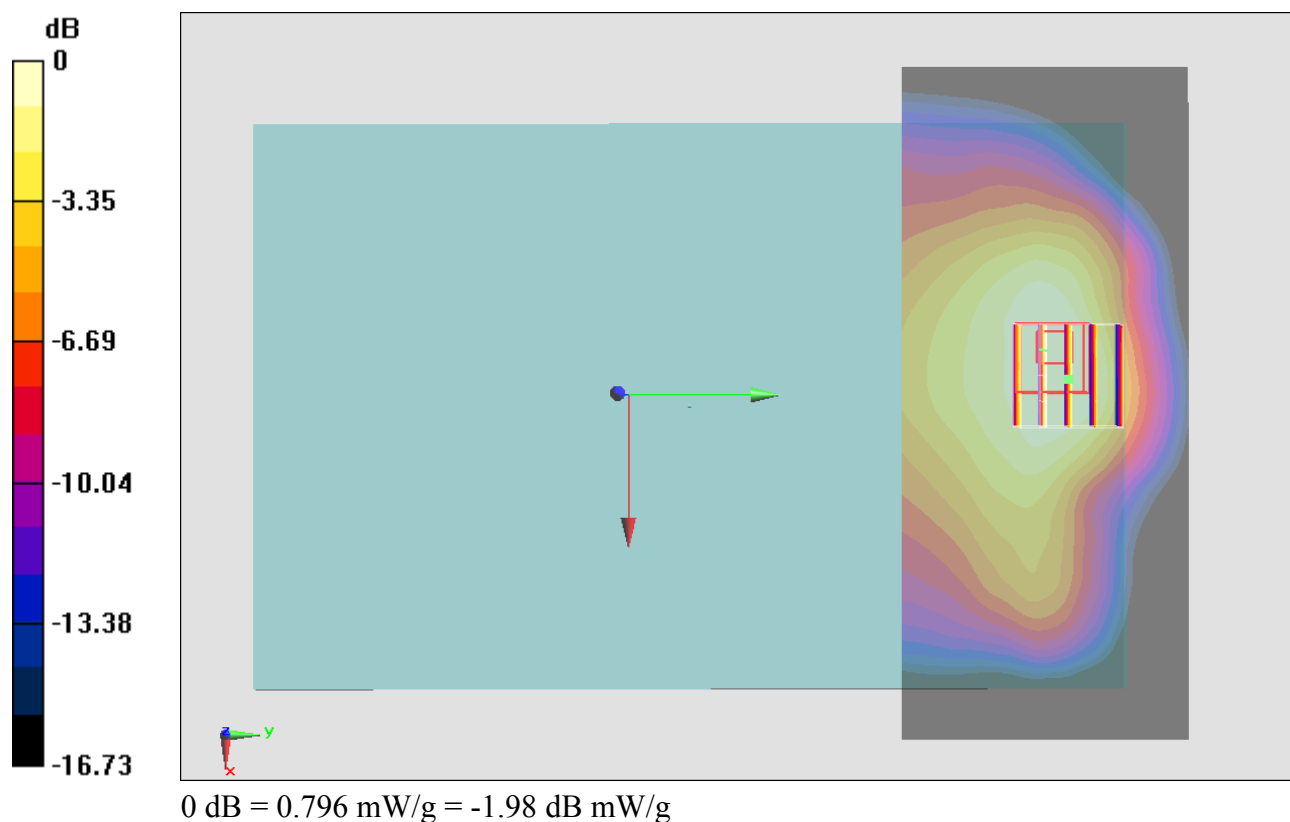
Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.438 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.117 mW/g

SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.482 mW/g

Maximum value of SAR (measured) = 0.796 mW/g



#142_LTE Band 4_10M_QPSK 25RB 12 offset_Bottom Face_1cm_Ch20350**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.546$ mho/m; $\epsilon_r = 51.518$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

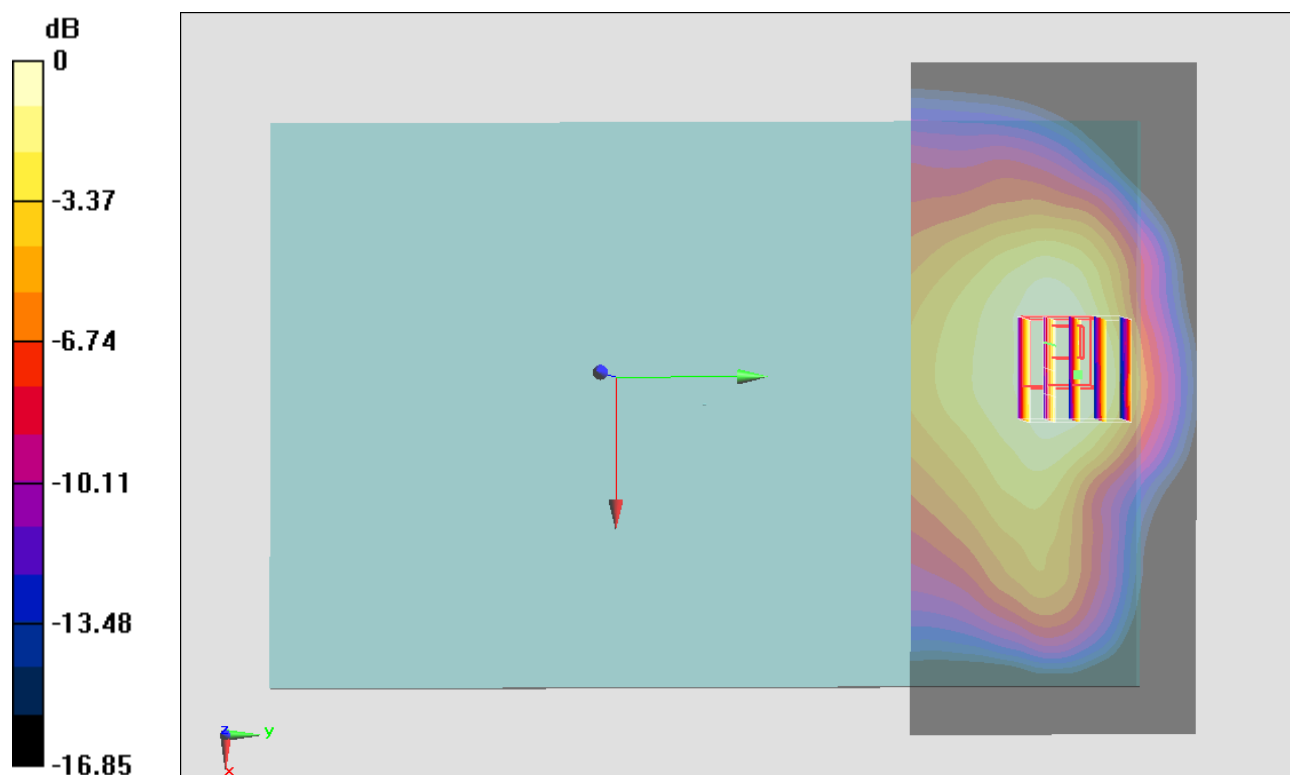
Configuration/Ch20350/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.822 mW/g**Configuration/Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.058 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.111 mW/g

SAR(1 g) = 0.740 mW/g; SAR(10 g) = 0.468 mW/g

Maximum value of SAR (measured) = 0.781 mW/g



0 dB = 0.781 mW/g = -2.15 dB mW/g

#143_LTE Band 4_10M_QPSK 50RB 0 offset_Bottom Face_1cm_Ch20000**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 51.614$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20000/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

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

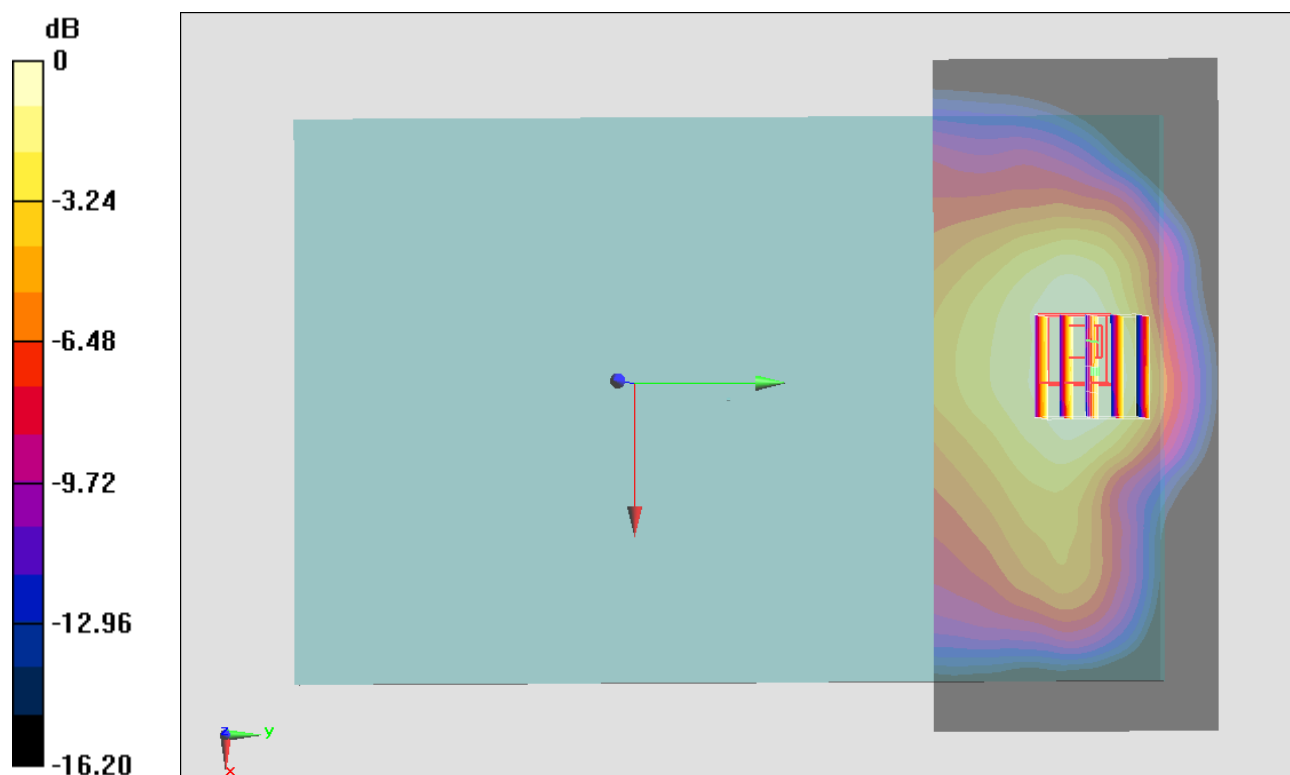
Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.543 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.075 mW/g

SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.476 mW/g

Maximum value of SAR (measured) = 0.776 mW/g



#144_LTE Band 4_10M_QPSK 1RB 0 offset_Edge1_0cm_Ch20175

DUT: 311130

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

Medium: MSL_1750_130112 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r = 51.561$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20175/Area Scan (31x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.172 mW/g

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

Reference Value = 11.835 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.297 mW/g

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.181 mW/g

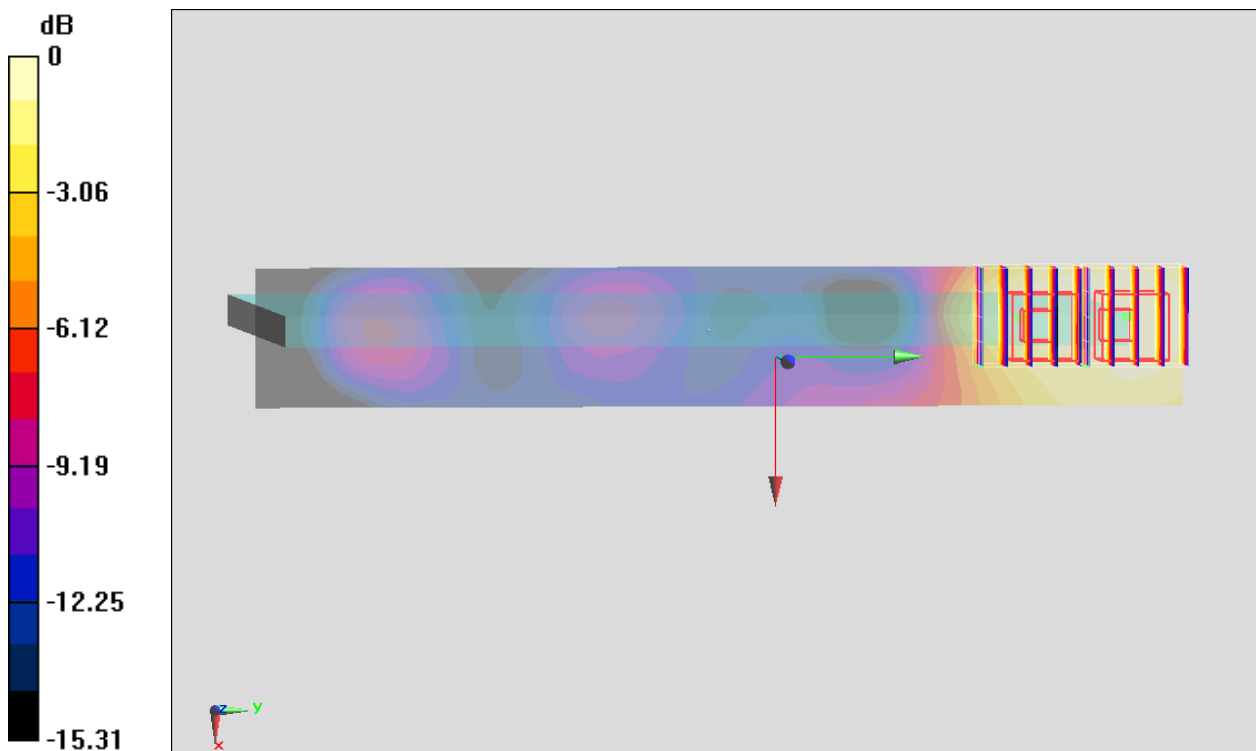
Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.835 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.267 mW/g

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

Maximum value of SAR (measured) = 0.155 mW/g



0 dB = 0.155 mW/g = -16.19 dB mW/g

#145_LTE Band 4_10M_QPSK 25RB 12 offset_Edge1_0cm_Ch20000

DUT: 311130

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 51.614$; $\rho =$ 1000 kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20000/Area Scan (31x201x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.131 mW/g

Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.378 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.230 mW/g

SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.075 mW/g

Maximum value of SAR (measured) = 0.137 mW/g

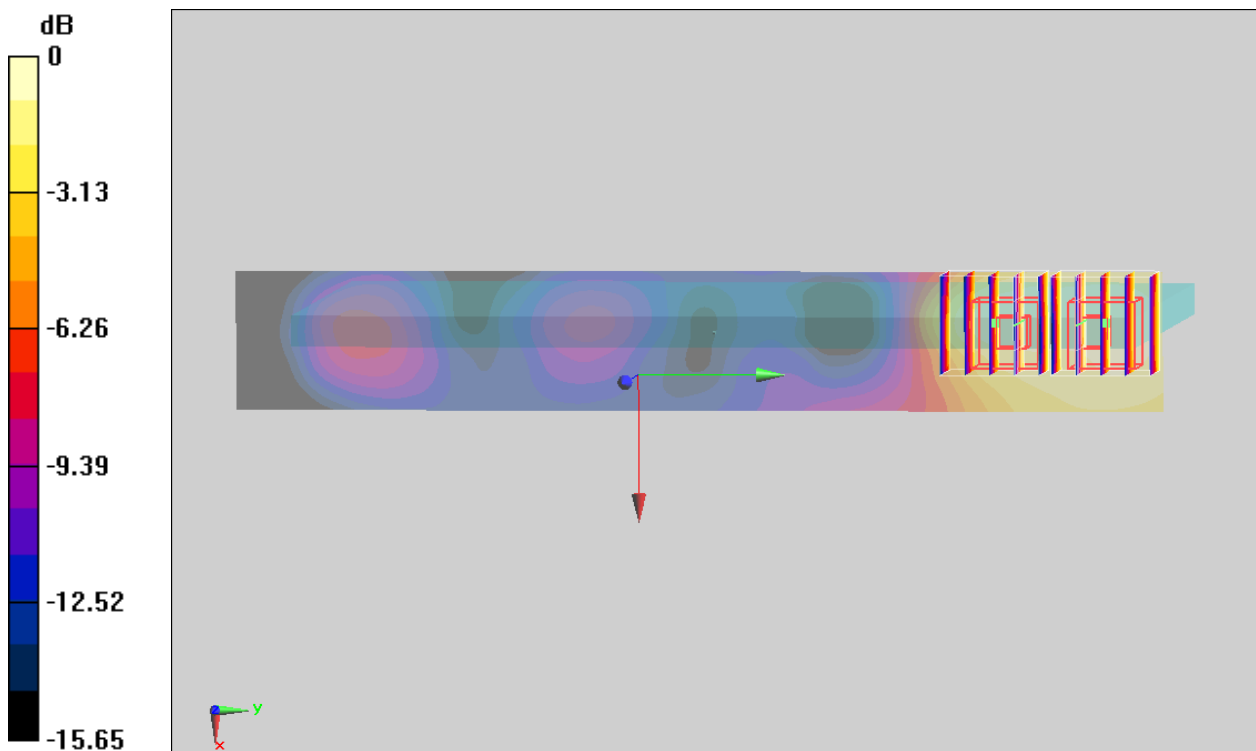
Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.378 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.216 mW/g

SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.070 mW/g

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



0 dB = 0.130 mW/g = -17.72 dB mW/g

#146_LTE Band 4_10M_QPSK 1RB 0 offset_Edge2_0.5cm_Ch20175

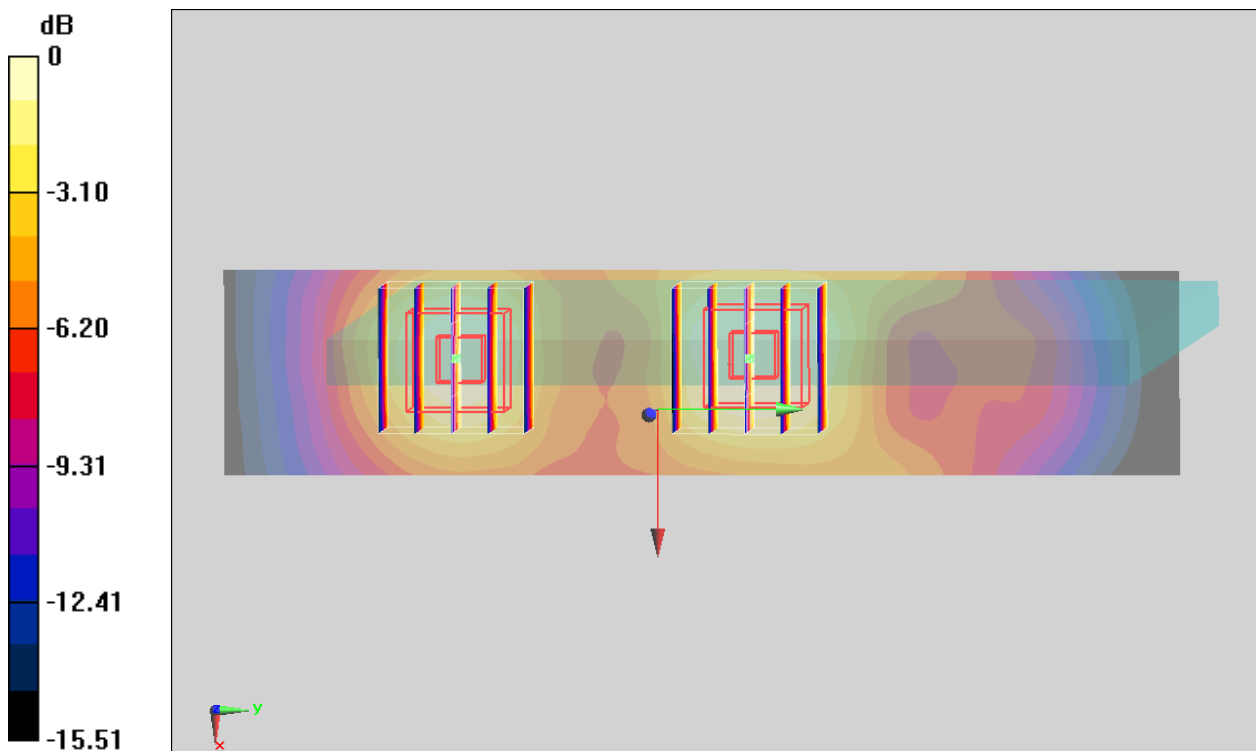
DUT: 311130

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r = 51.561$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20175/Area Scan (31x141x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.768 mW/g **Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 23.979 V/m ; Power Drift = 0.05 dB Peak SAR (extrapolated) = 1.092 mW/g **SAR(1 g) = 0.614 mW/g ; SAR(10 g) = 0.373 mW/g** Maximum value of SAR (measured) = 0.740 mW/g **Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 23.979 V/m ; Power Drift = 0.05 dB Peak SAR (extrapolated) = 0.752 mW/g **SAR(1 g) = 0.522 mW/g ; SAR(10 g) = 0.308 mW/g** Maximum value of SAR (measured) = 0.578 mW/g 0 dB = 0.578 mW/g = -4.76 dB mW/g

#147_LTE Band 4_10M_QPSK 25RB 12 offset_Edge2_0.5cm_Ch20000

DUT: 311130

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 51.614$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20000/Area Scan (31x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.511 mW/g**Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.771 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.729 mW/g

SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.254 mW/g

Maximum value of SAR (measured) = 0.500 mW/g

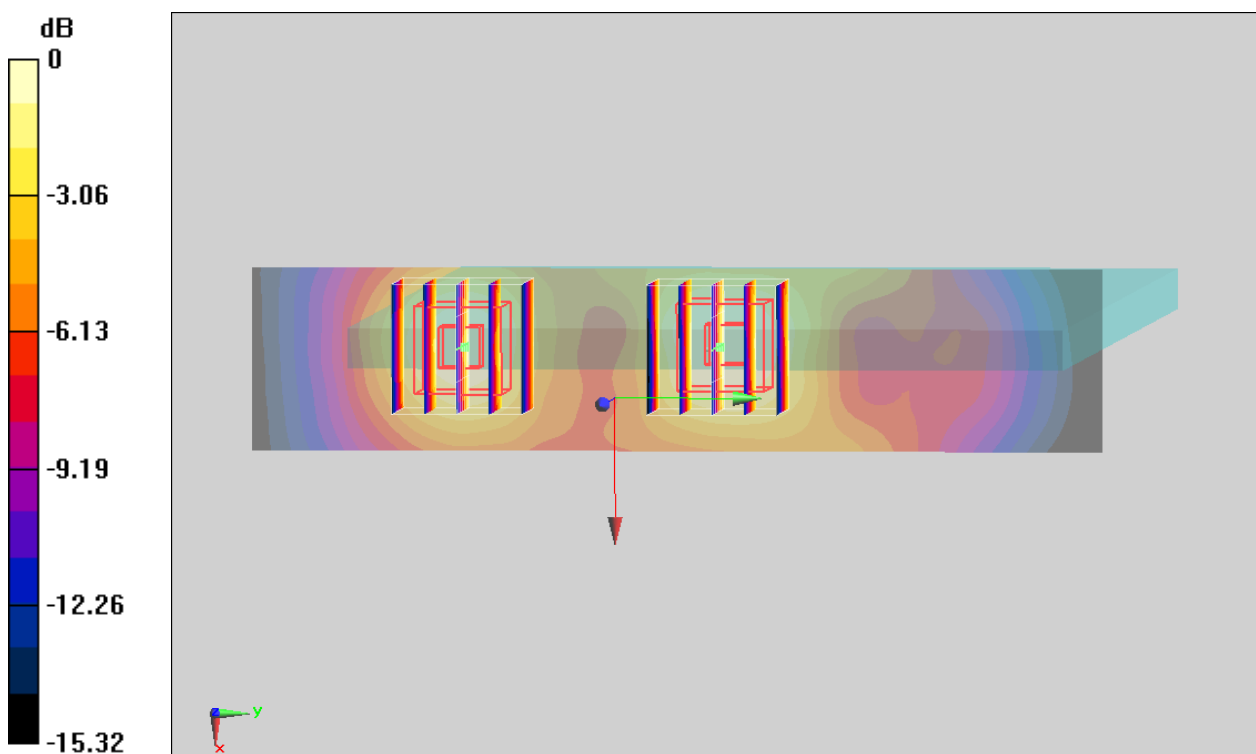
Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.771 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.559 mW/g

SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.230 mW/g

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



0 dB = 0.430 mW/g = -7.33 dB mW/g

#148_LTE Band 4_10M_QPSK 1RB 0 offset_Edge3_0cm_Ch20175

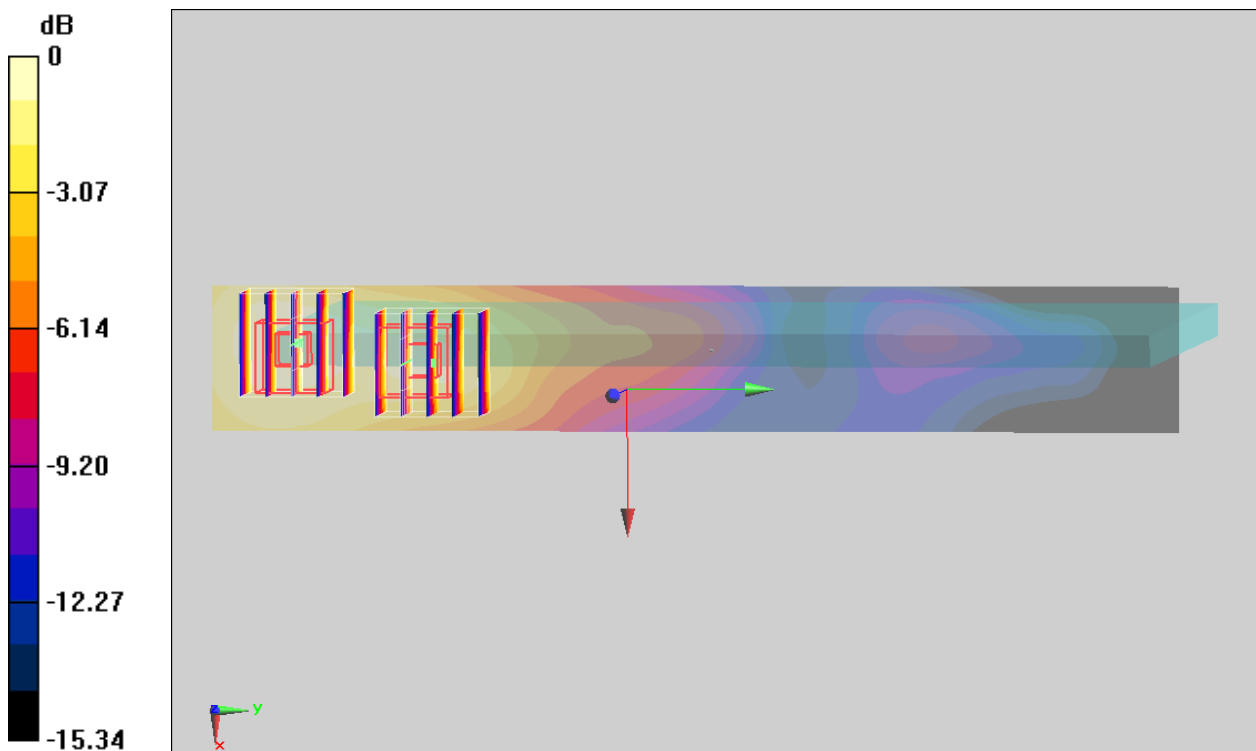
DUT: 311130

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r = 51.561$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20175/Area Scan (31x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.103 mW/g **Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 9.823 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 0.181 mW/g **SAR(1 g) = 0.105 mW/g ; SAR(10 g) = 0.061 mW/g** Maximum value of SAR (measured) = 0.117 mW/g **Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 9.823 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 0.141 mW/g **SAR(1 g) = 0.091 mW/g ; SAR(10 g) = 0.054 mW/g** Maximum value of SAR (measured) = 0.103 mW/g 

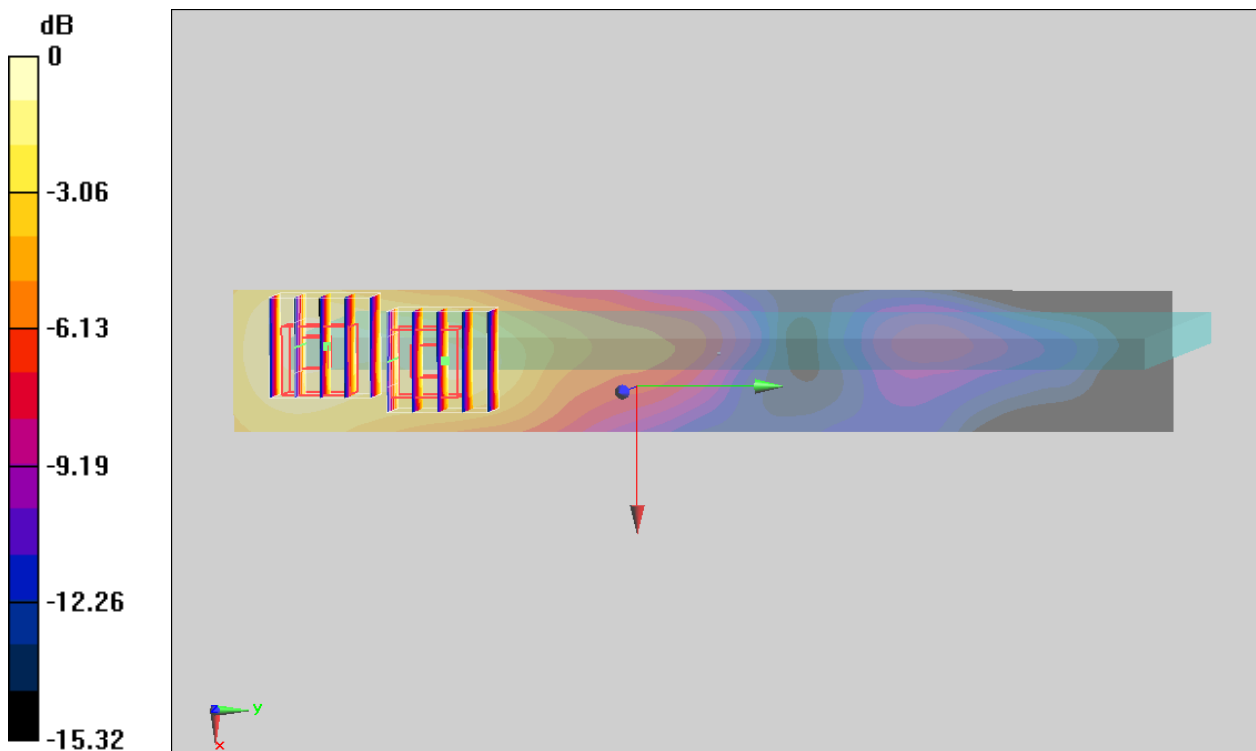
#149_LTE Band 4_10M_QPSK 25RB 12 offset_Edge3_0cm_Ch20000**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 51.614$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20000/Area Scan (31x201x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.0800 mW/g **Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 8.437 V/m ; Power Drift = -0.08 dB Peak SAR (extrapolated) = 0.141 mW/g **SAR(1 g) = 0.080 mW/g ; SAR(10 g) = 0.047 mW/g** Maximum value of SAR (measured) = 0.0908 mW/g **Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 8.437 V/m ; Power Drift = -0.08 dB Peak SAR (extrapolated) = 0.115 mW/g **SAR(1 g) = 0.076 mW/g ; SAR(10 g) = 0.045 mW/g** Maximum value of SAR (measured) = 0.0875 mW/g  $0 \text{ dB} = 0.0875 \text{ mW/g} = -21.16 \text{ dB mW/g}$

#120_LTE Band 4_10M_QPSK 1RB 0 offset_Bottom Face_0cm_Ch20175**DUT: 770590**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r = 51.561$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

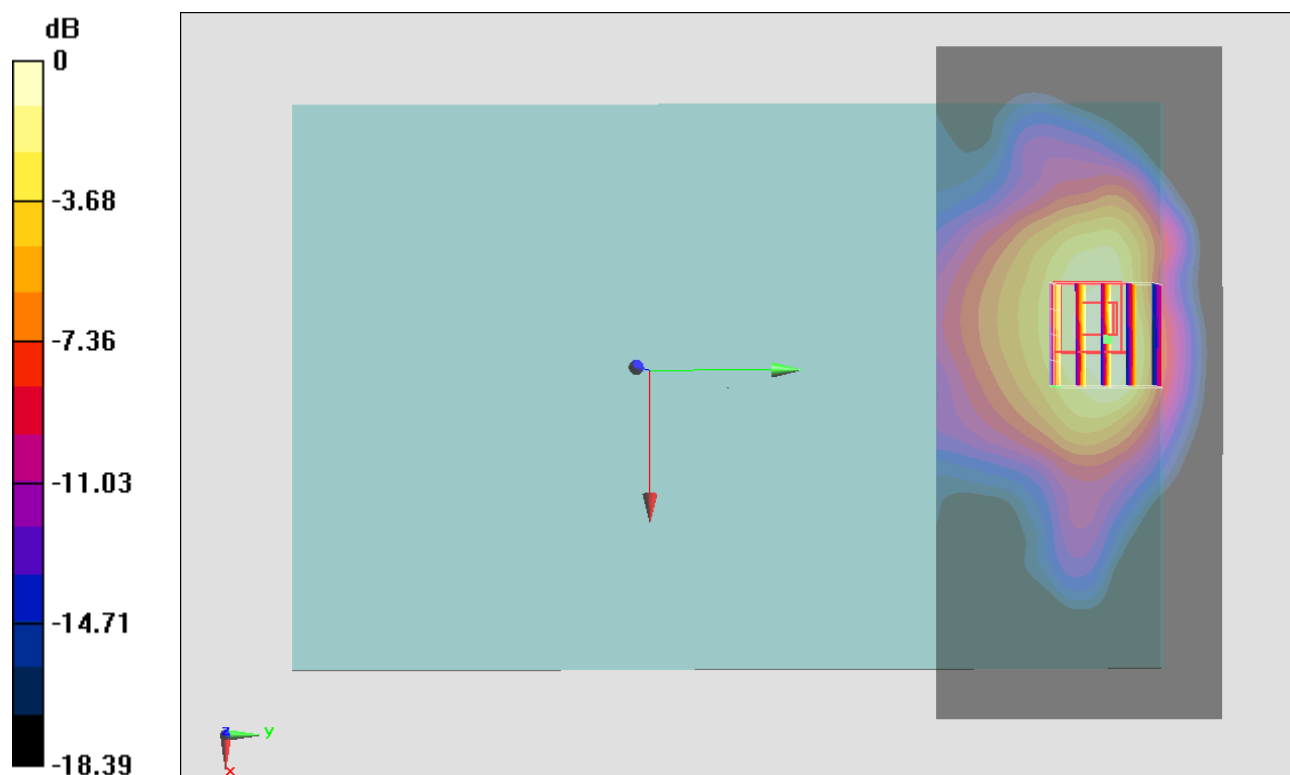
Configuration/Ch20175/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.10 mW/g**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.204 V/m; Power Drift = 0.159 dB

Peak SAR (extrapolated) = 1.833 mW/g

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.602 mW/g

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



#121_LTE Band 4_10M_QPSK 1RB 0 offset_Bottom Face_0cm_Ch20000**DUT: 770590**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 51.614$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

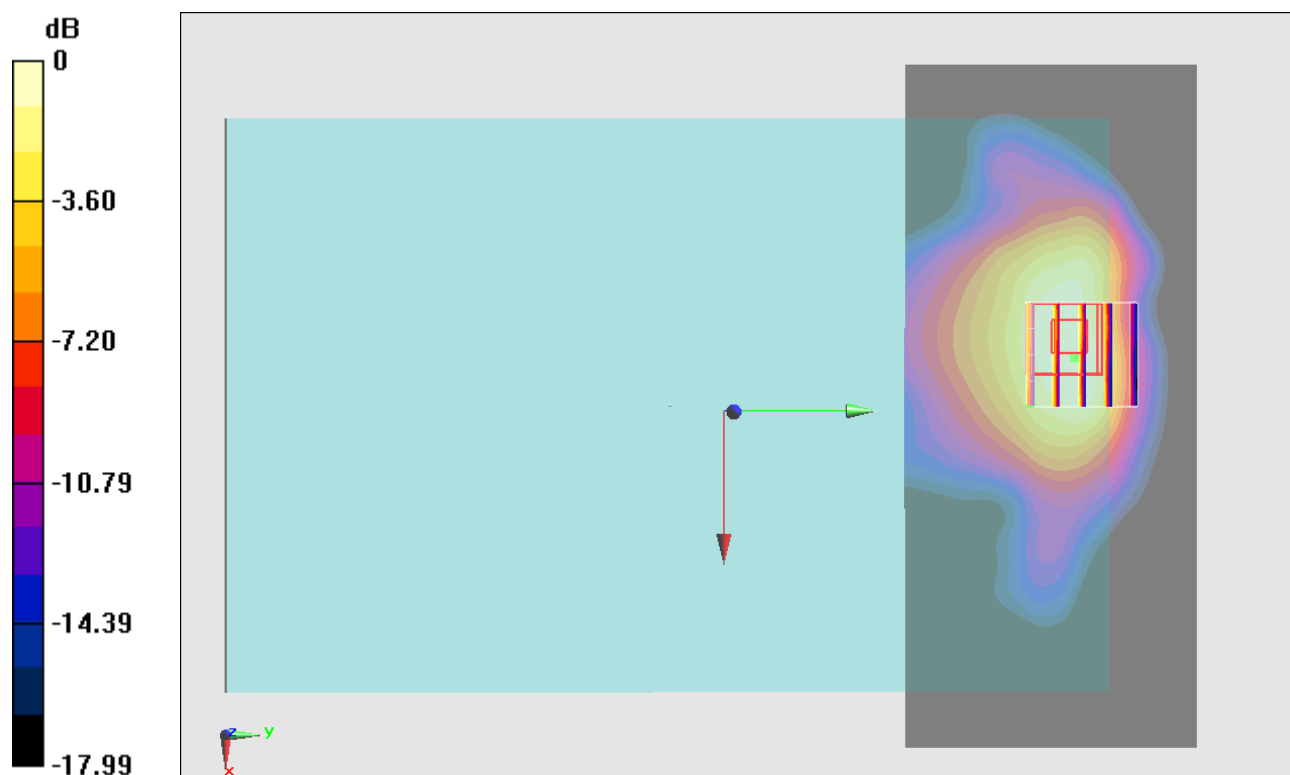
Configuration/Ch20000/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.22 mW/g**Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.281 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.816 mW/g

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.613 mW/g

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



0 dB = 1.13 mW/g = 1.06 dB mW/g

#136_LTE Band 4_10M_QPSK 1RB 0 offset_Bottom Face_0cm_Ch20000;Repeat**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 51.614$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

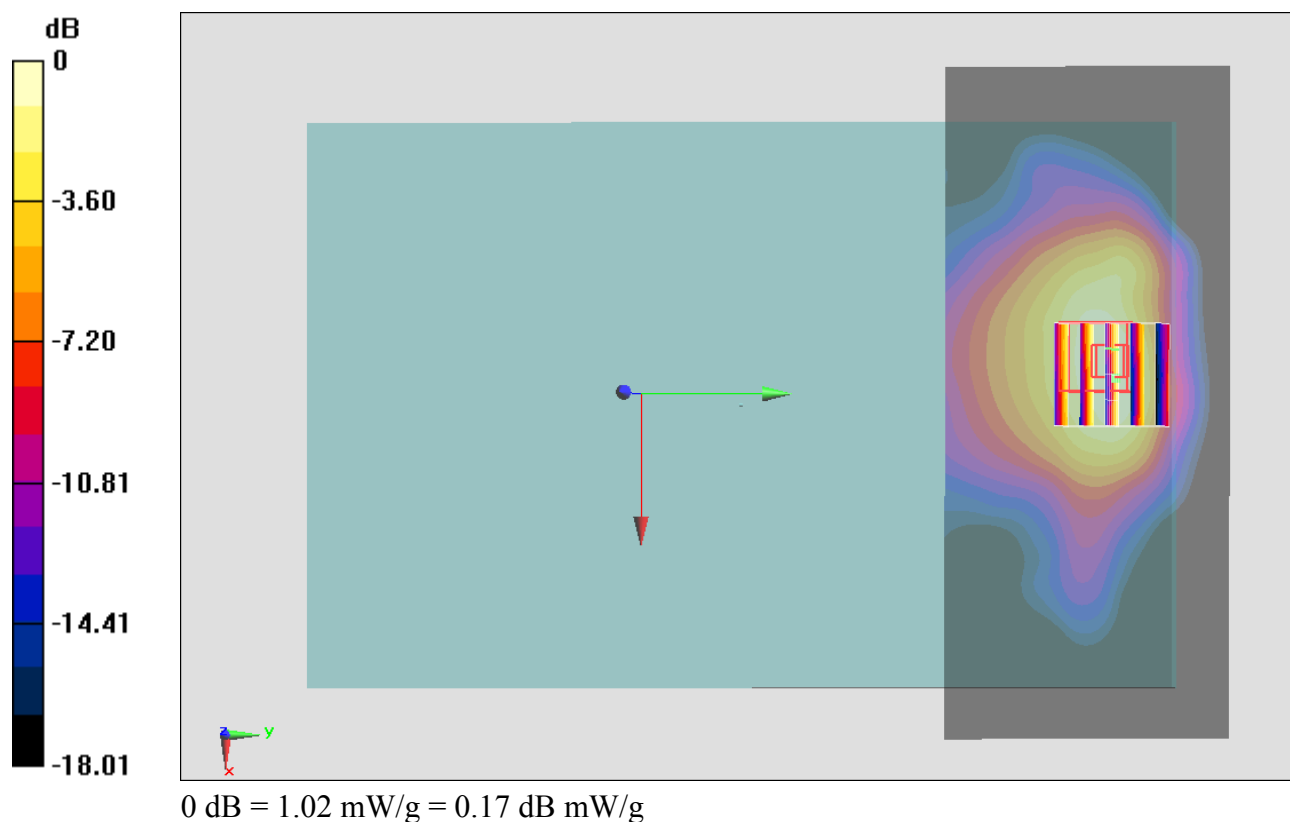
Configuration/Ch20000/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.12 mW/g**Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.386 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.677 mW/g

SAR(1 g) = 0.951 mW/g; SAR(10 g) = 0.551 mW/g

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



#122_LTE Band 4_10M_QPSK 1RB 0 offset_Bottom Face_0cm_Ch20350**DUT: 770590**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.546$ mho/m; $\epsilon_r = 51.518$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

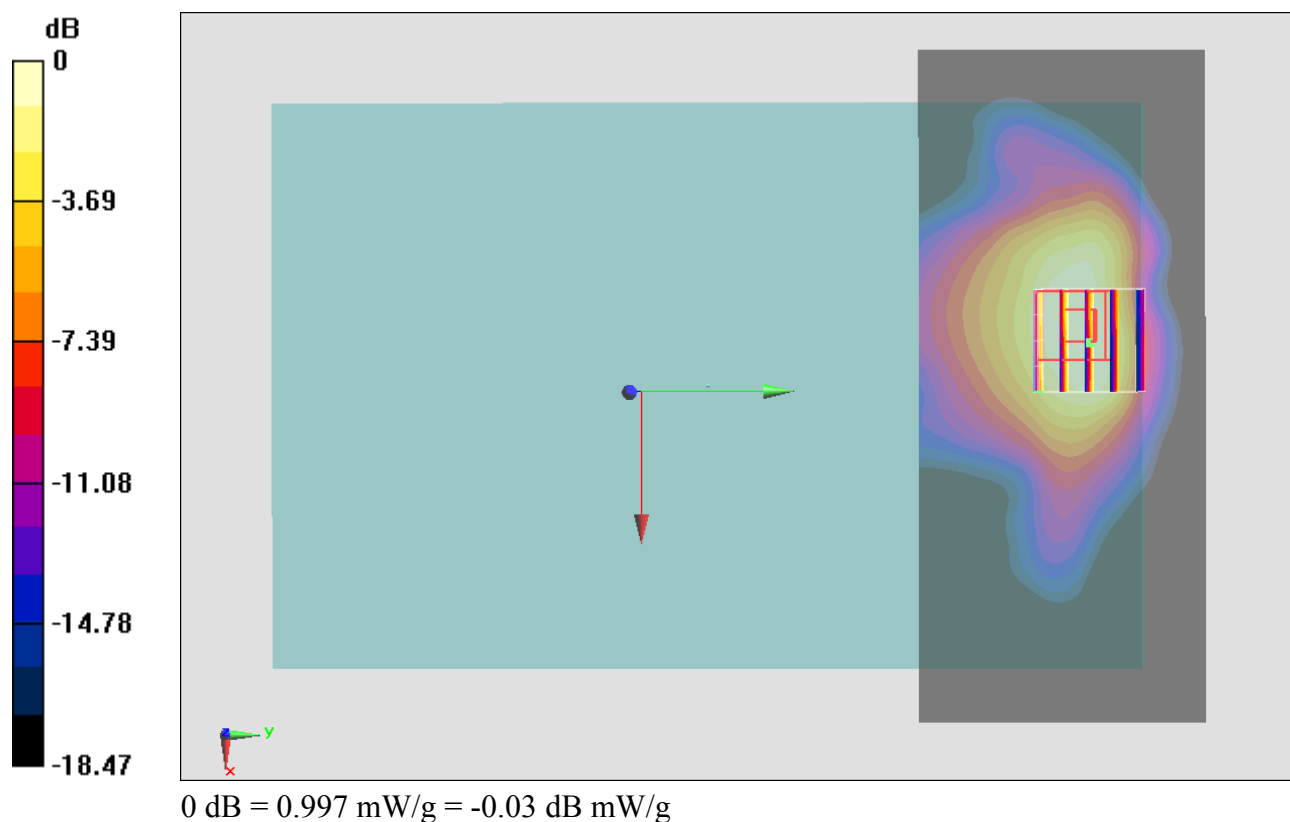
Configuration/Ch20350/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.17 mW/g**Configuration/Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.849 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.769 mW/g

SAR(1 g) = 0.960 mW/g; SAR(10 g) = 0.558 mW/g

Maximum value of SAR (measured) = 0.997 mW/g



#123_LTE Band 4_10M_QPSK 25RB 0 offset_Bottom Face_0cm_Ch20350**DUT: 770590**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.546$ mho/m; $\epsilon_r = 51.518$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

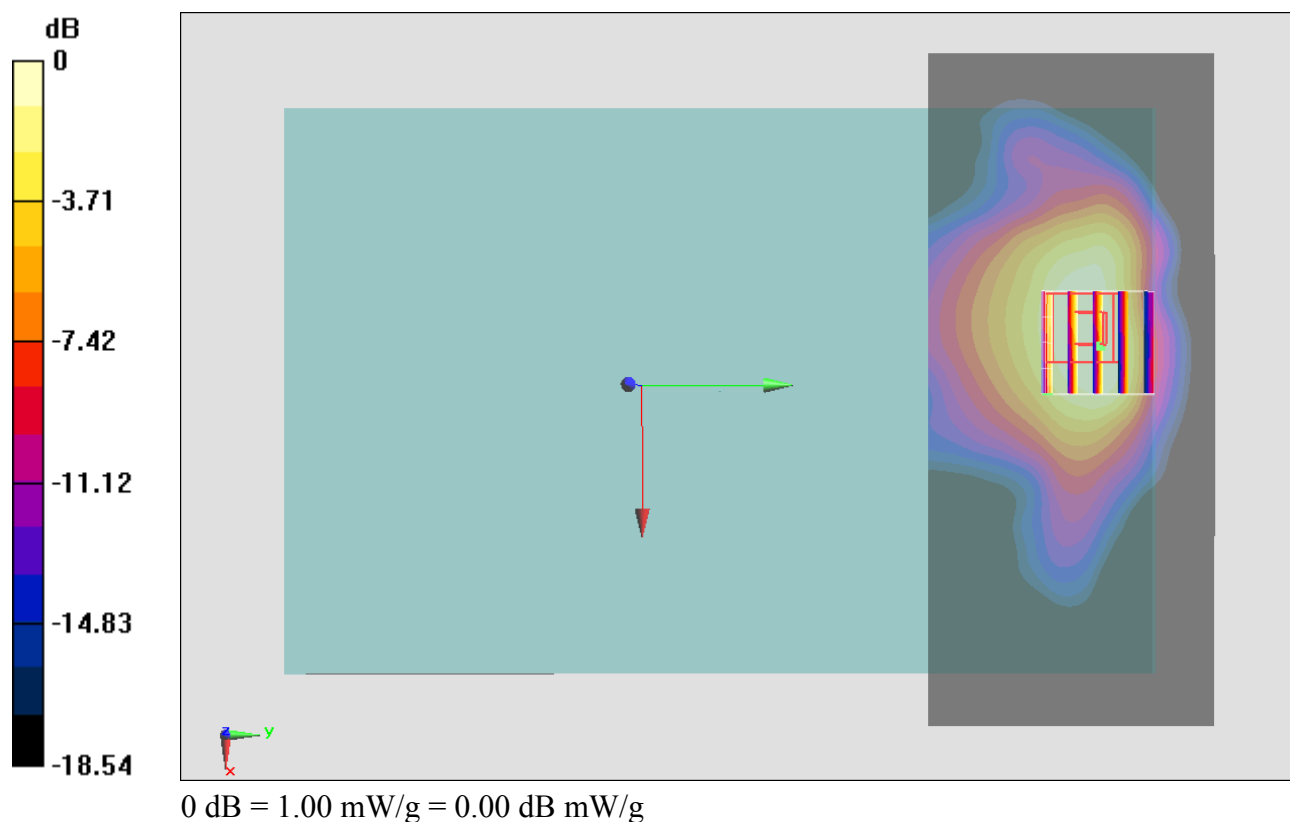
Configuration/Ch20350/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.18 mW/g**Configuration/Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.961 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.797 mW/g

SAR(1 g) = 0.968 mW/g; SAR(10 g) = 0.560 mW/g

Maximum value of SAR (measured) = 1.00 mW/g



#124_LTE Band 4_10M_QPSK 25RB 0 offset_Bottom Face_0cm_Ch20175**DUT: 770590**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r = 51.561$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

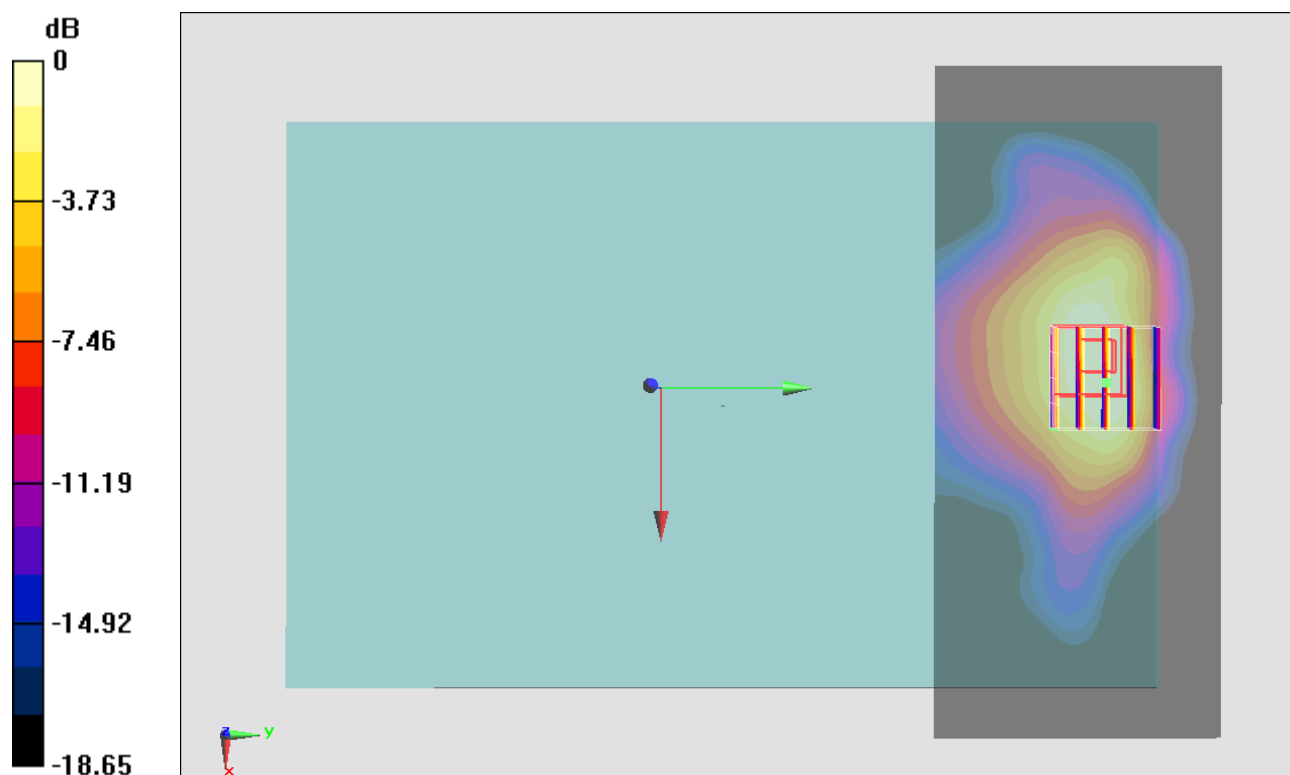
Configuration/Ch20175/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.23 mW/g**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.502 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.864 mW/g

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.580 mW/g

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



#125_LTE Band 4_10M_QPSK 25RB 0 offset_Bottom Face_0cm_Ch20000**DUT: 770590**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 51.614$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

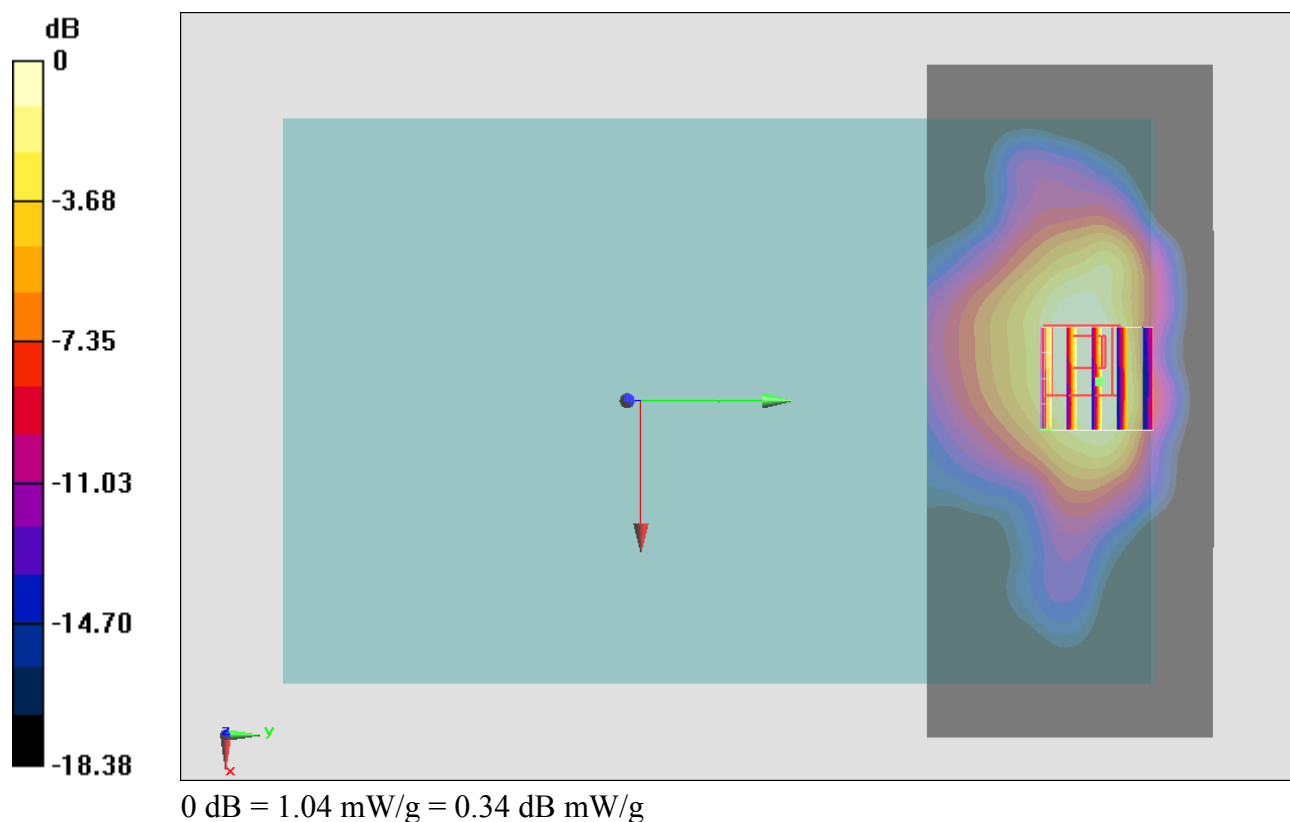
Configuration/Ch20000/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.29 mW/g**Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.272 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 1.726 mW/g

SAR(1 g) = 0.998 mW/g; SAR(10 g) = 0.585 mW/g

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



#126_LTE Band 4_10M_QPSK 50RB 0 offset_Bottom Face_0cm_Ch20175**DUT: 770590**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r = 51.561$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

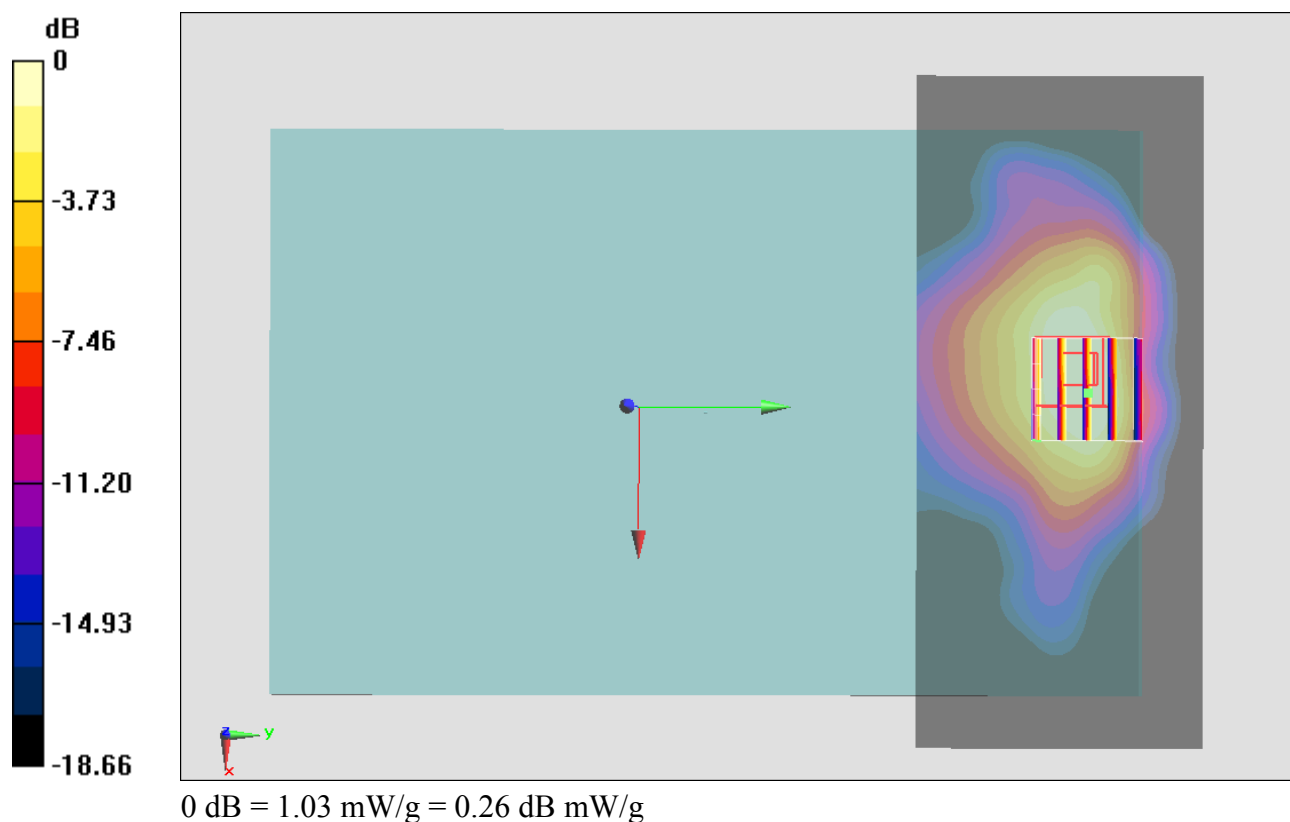
Configuration/Ch20175/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.29 mW/g**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.041 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 1.796 mW/g

SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.577 mW/g

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



#127_LTE Band 4_10M_QPSK 1RB 0 offset_Edge2_0cm_Ch20175**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r = 51.561$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20175/Area Scan (41x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.710 mW/g

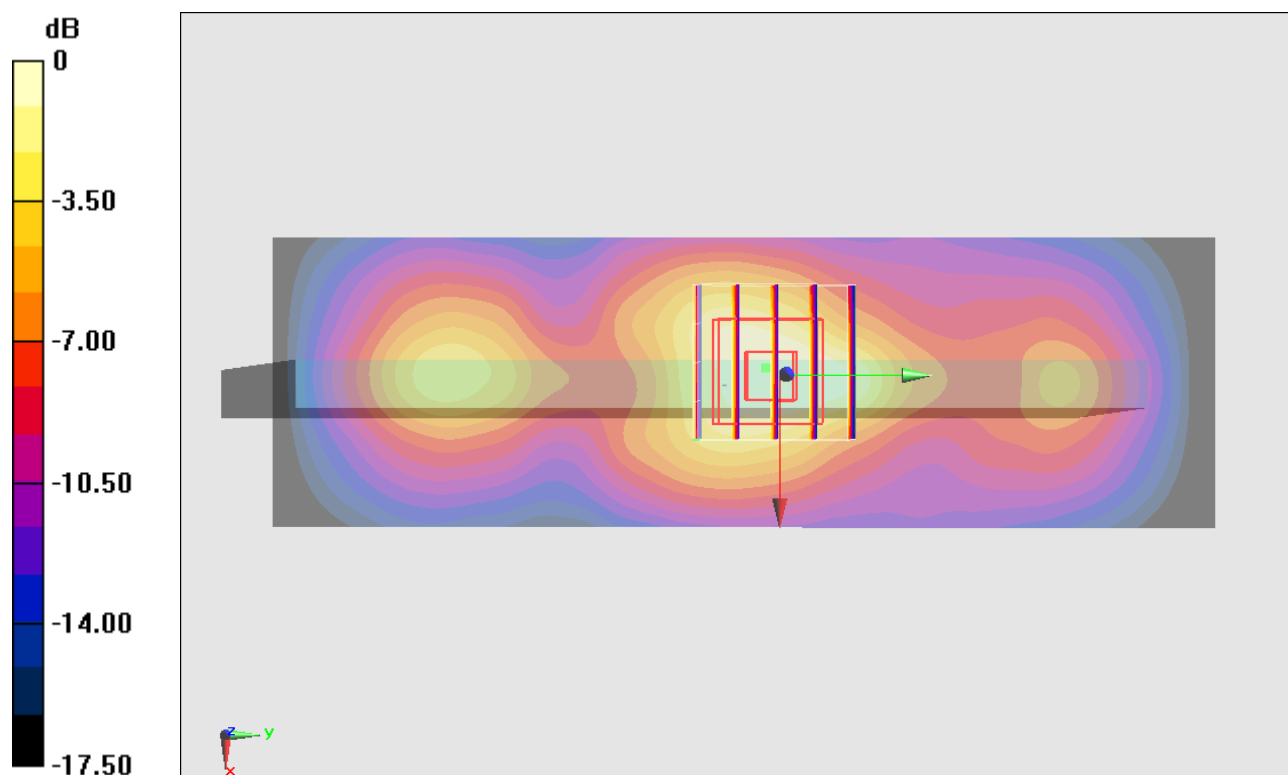
Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.434 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.078 mW/g

SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.354 mW/g

Maximum value of SAR (measured) = 0.682 mW/g



0 dB = 0.682 mW/g = -3.32 dB mW/g

#128_LTE Band 4_10M_QPSK 25RB 0 offset_Edge2_0cm_Ch20350**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.546$ mho/m; $\epsilon_r = 51.518$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20350/Area Scan (41x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.692 mW/g

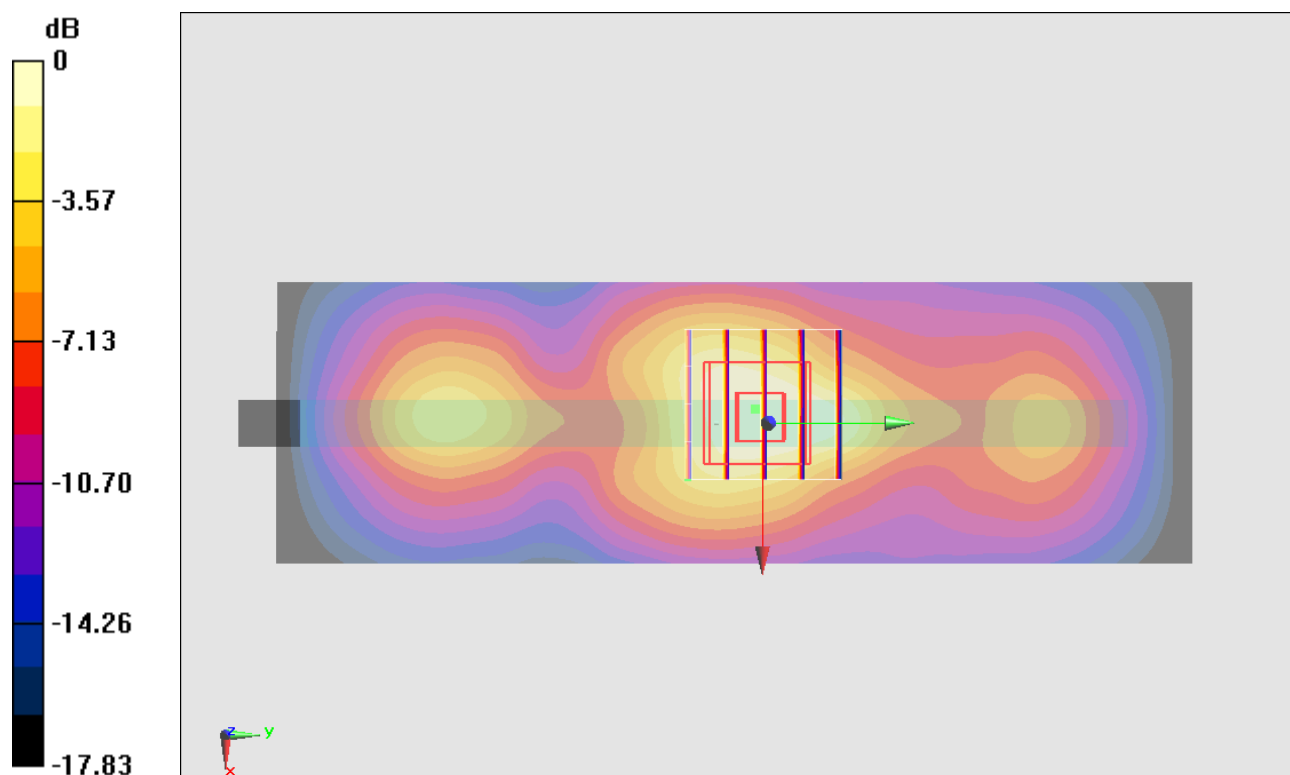
Configuration/Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.426 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.026 mW/g

SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.337 mW/g

Maximum value of SAR (measured) = 0.650 mW/g



#129_LTE Band 4_10M_QPSK 1RB 0 offset_Curved surface of Edge 2_0cm_Ch20175**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r = 51.561$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20175/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.970 mW/g

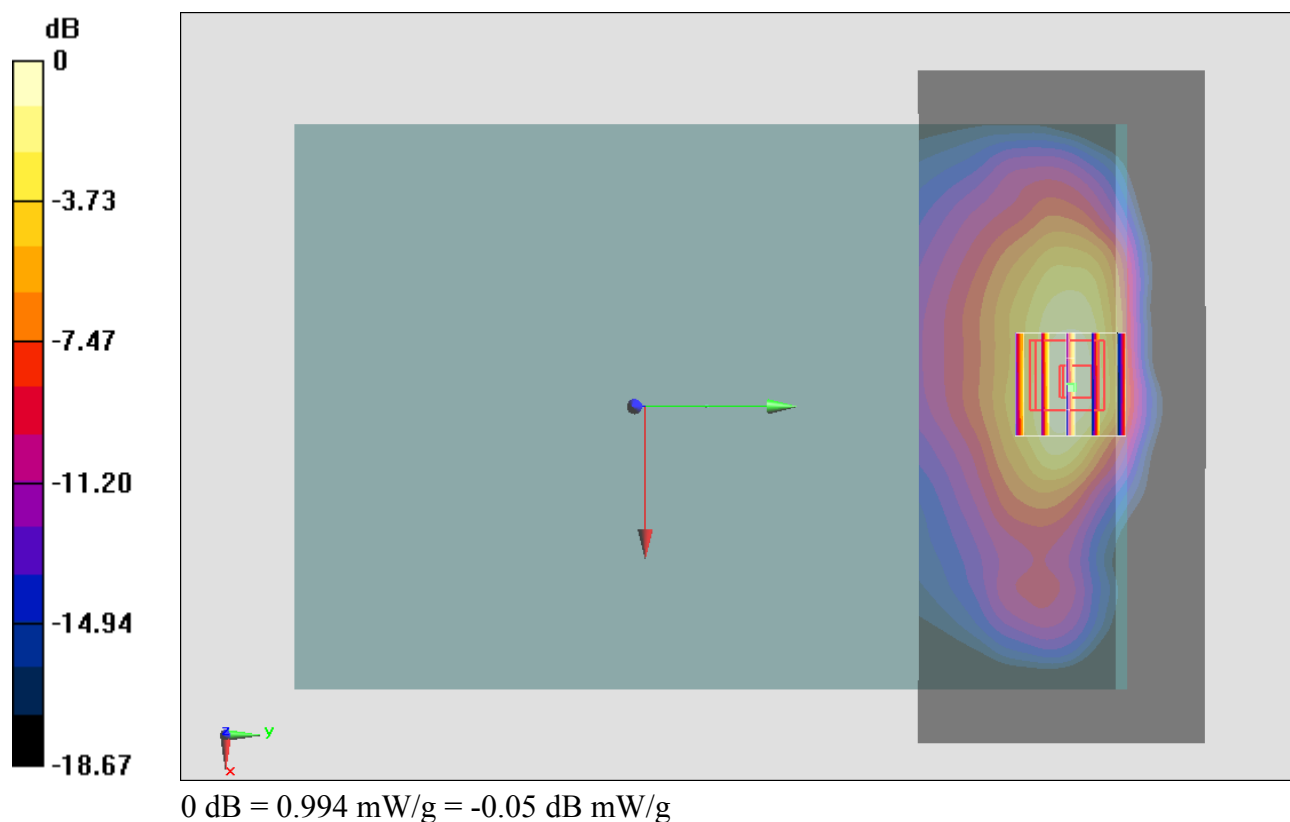
Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.406 V/m; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 1.751 mW/g

SAR(1 g) = 0.916 mW/g; SAR(10 g) = 0.504 mW/g

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



#130_LTE Band 4_10M_QPSK 1RB 0 offset_Curved surface of Edge 2_0cm_Ch20000**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 51.614$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20000/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

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

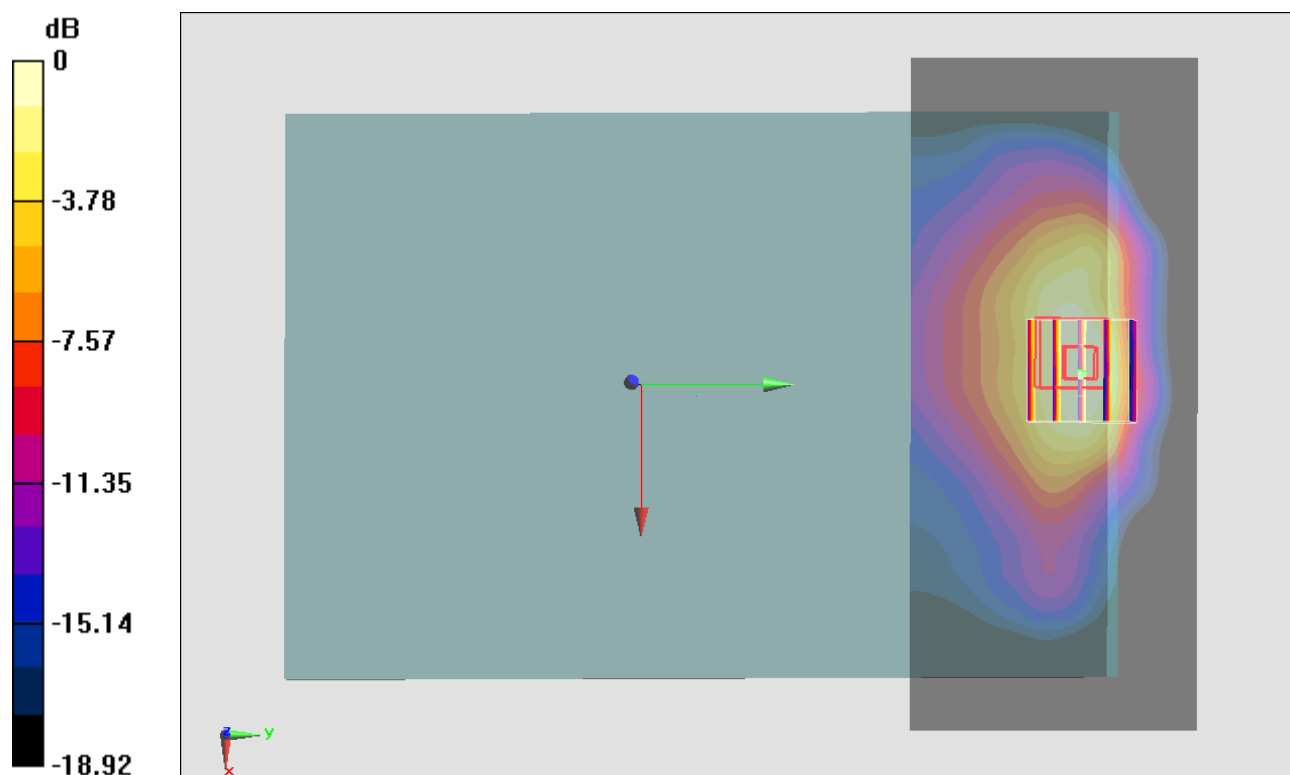
Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.376 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.874 mW/g

SAR(1 g) = 0.996 mW/g; SAR(10 g) = 0.557 mW/g

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



0 dB = 1.08 mW/g = 0.67 dB mW/g

#131_LTE Band 4_10M_QPSK 1RB 0 offset_Curved surface of Edge 2_0cm_Ch20350**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.546$ mho/m; $\epsilon_r = 51.518$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20350/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

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

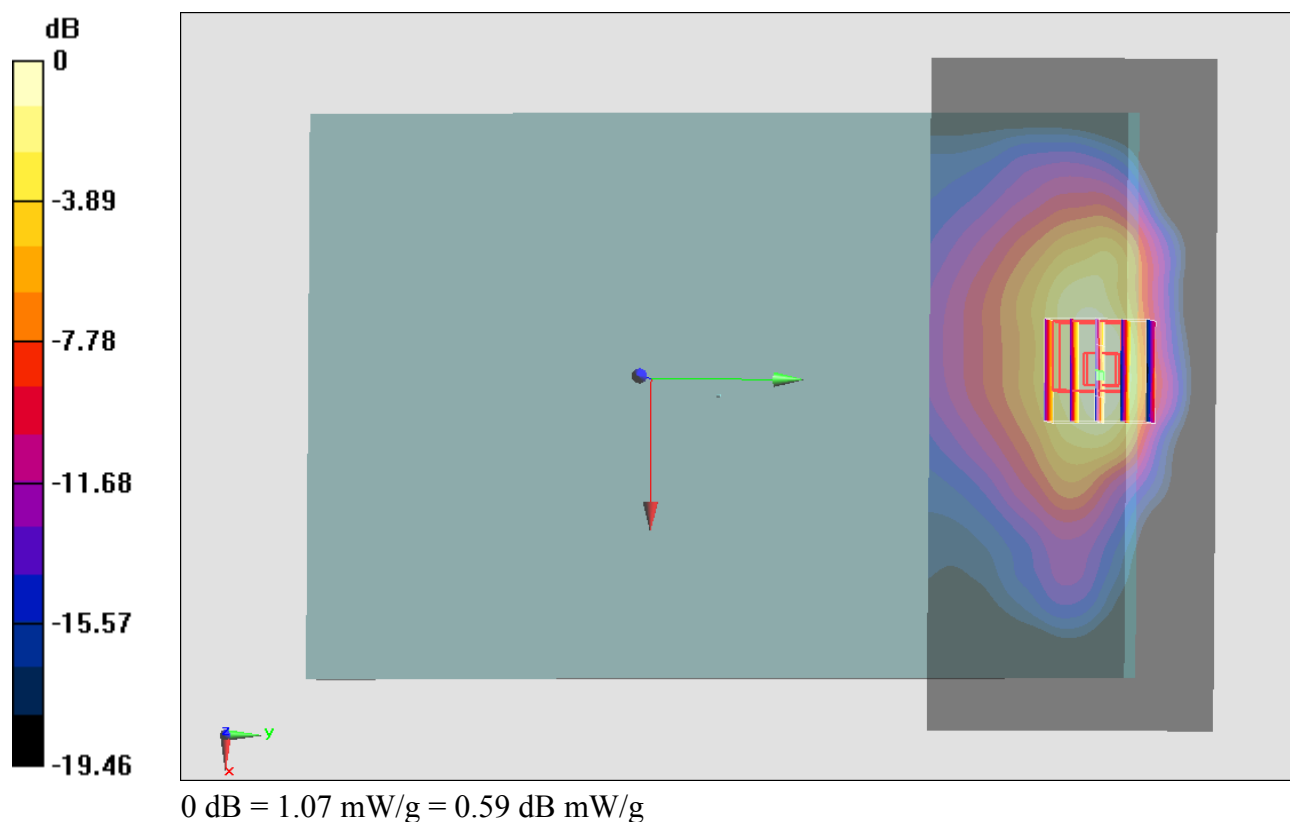
Configuration/Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.749 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.878 mW/g

SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.530 mW/g

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



#132_LTE Band 4_10M_QPSK 25RB 0 offset_Curved surface of Edge 2_0cm_Ch20350**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.546$ mho/m; $\epsilon_r = 51.518$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20350/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

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

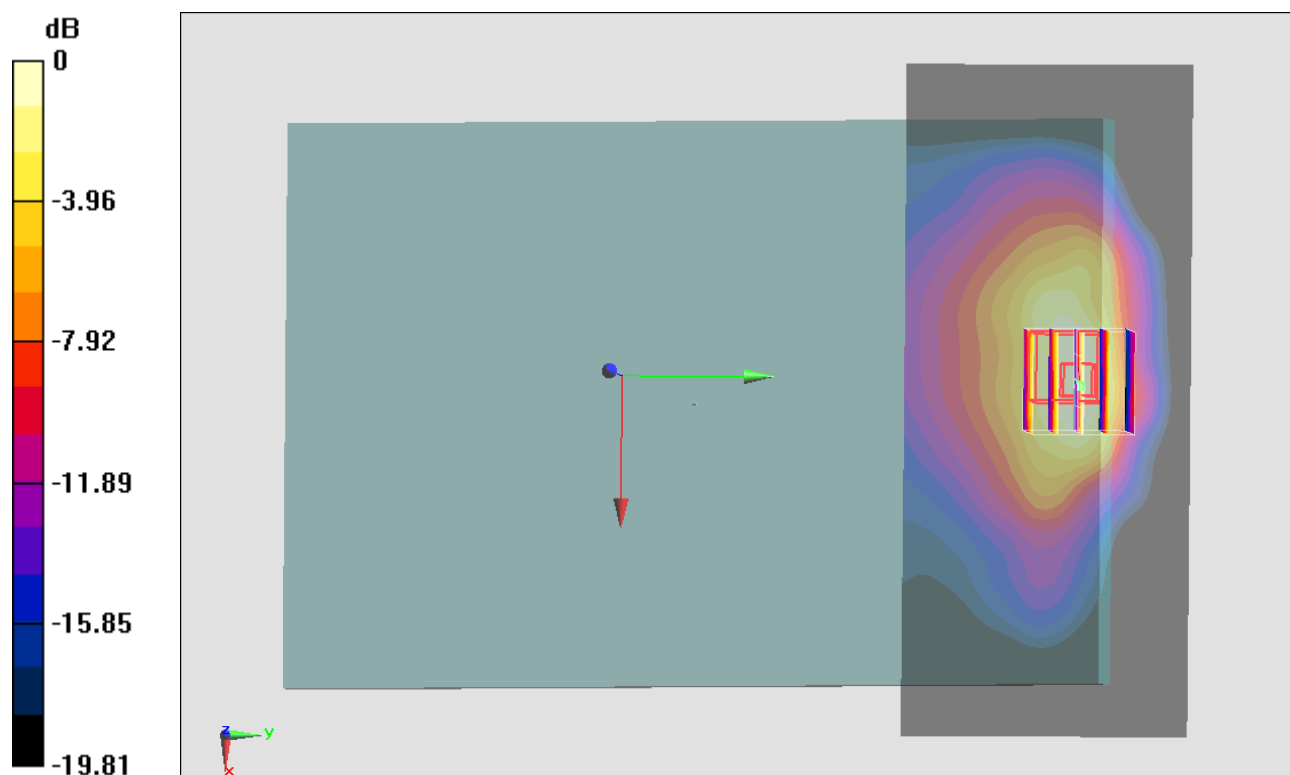
Configuration/Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.858 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.930 mW/g

SAR(1 g) = 0.989 mW/g; SAR(10 g) = 0.534 mW/g

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



#133_LTE Band 4_10M_QPSK 25RB 0 offset_Curved surface of Edge 2_0cm_Ch20175**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r = 51.561$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20175/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm

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

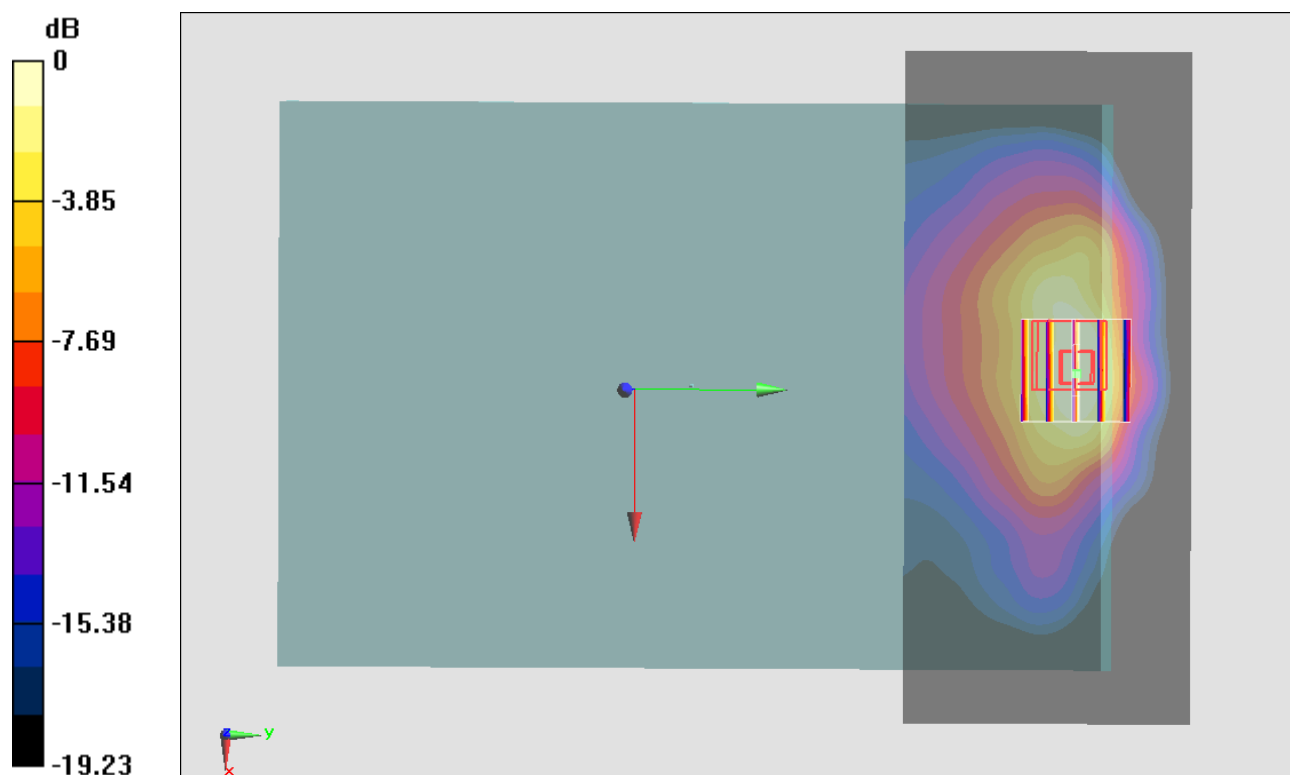
Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.477 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.849 mW/g

SAR(1 g) = 0.959 mW/g; SAR(10 g) = 0.525 mW/g

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



#134_LTE Band 4_10M_QPSK 25RB 0 offset_Curved surface of Edge 2_0cm_Ch20000**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 51.614$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch20000/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.30 mW/g

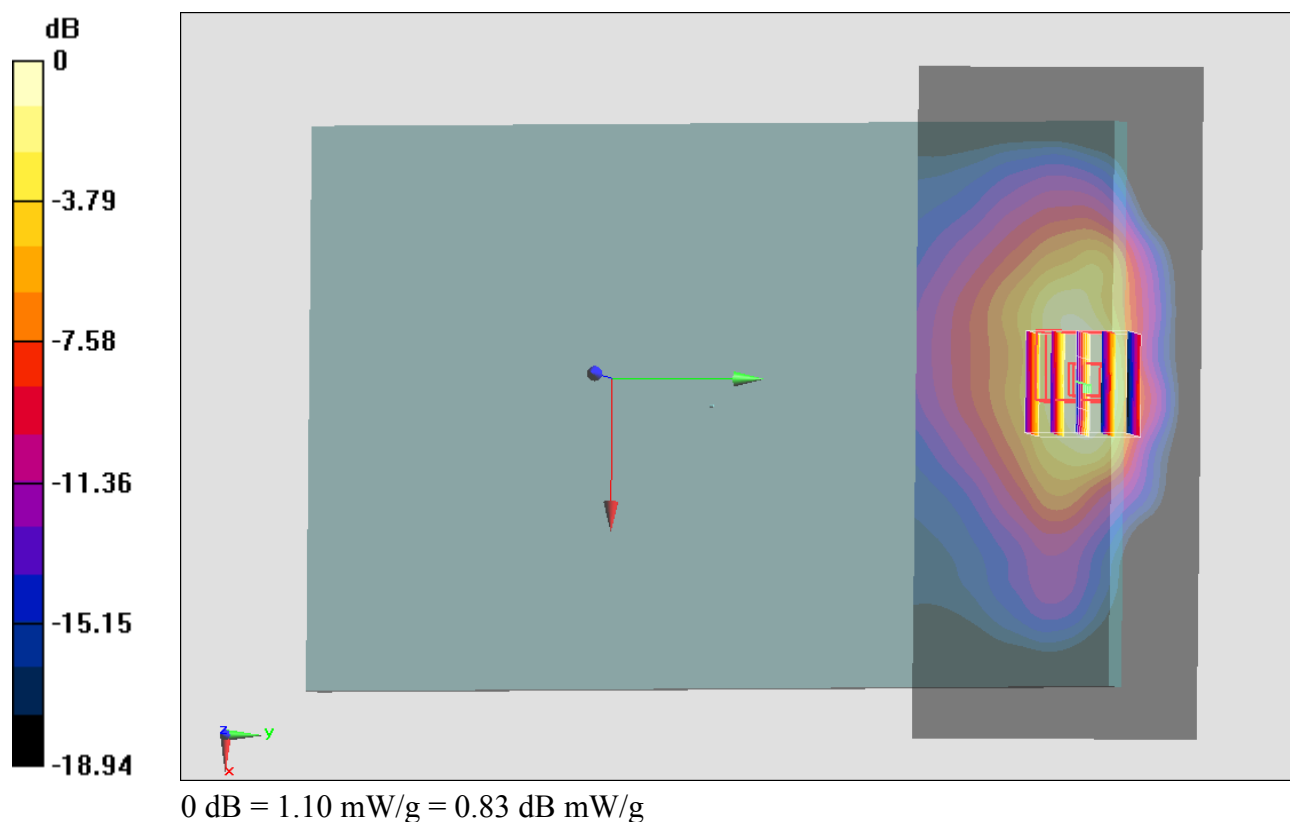
Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.377 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.921 mW/g

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.559 mW/g

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



#135_LTE Band 4_10M_QPSK 50RB 0 offset_Curved surface of Edge 2_0cm_Ch20175**DUT: 311130**

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

Medium: MSL_1750_130112 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r = 51.561$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

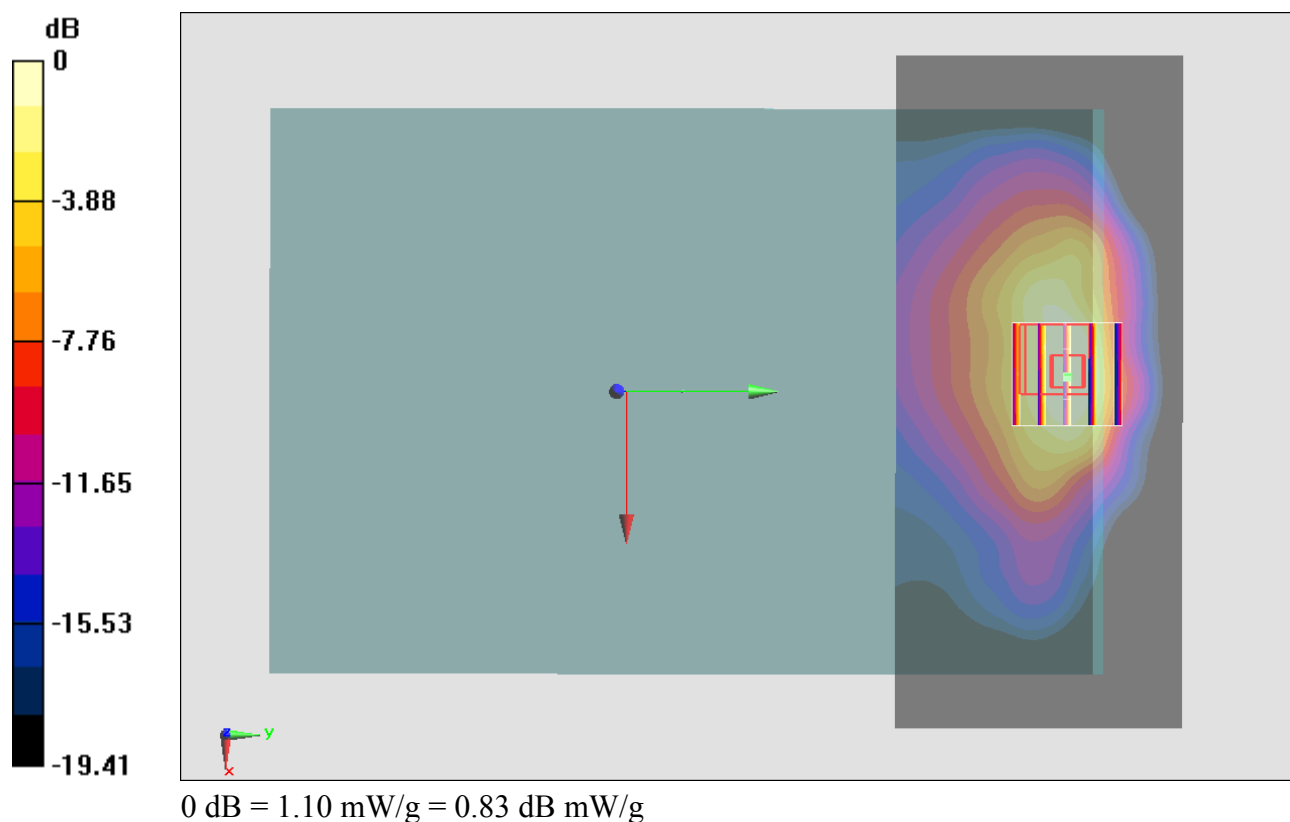
Configuration/Ch20175/Area Scan (141x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.30 mW/g**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.272 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.934 mW/g

SAR(1 g) = 1 mW/g; SAR(10 g) = 0.550 mW/g

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



#11_WLAN2.4G_802.11b_Bottom Face_0cm_Ch11**DUT: 311130**

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

Medium: MSL_2450_121220 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 51.791$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °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: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch11/Area Scan (61x61x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.56 mW/g

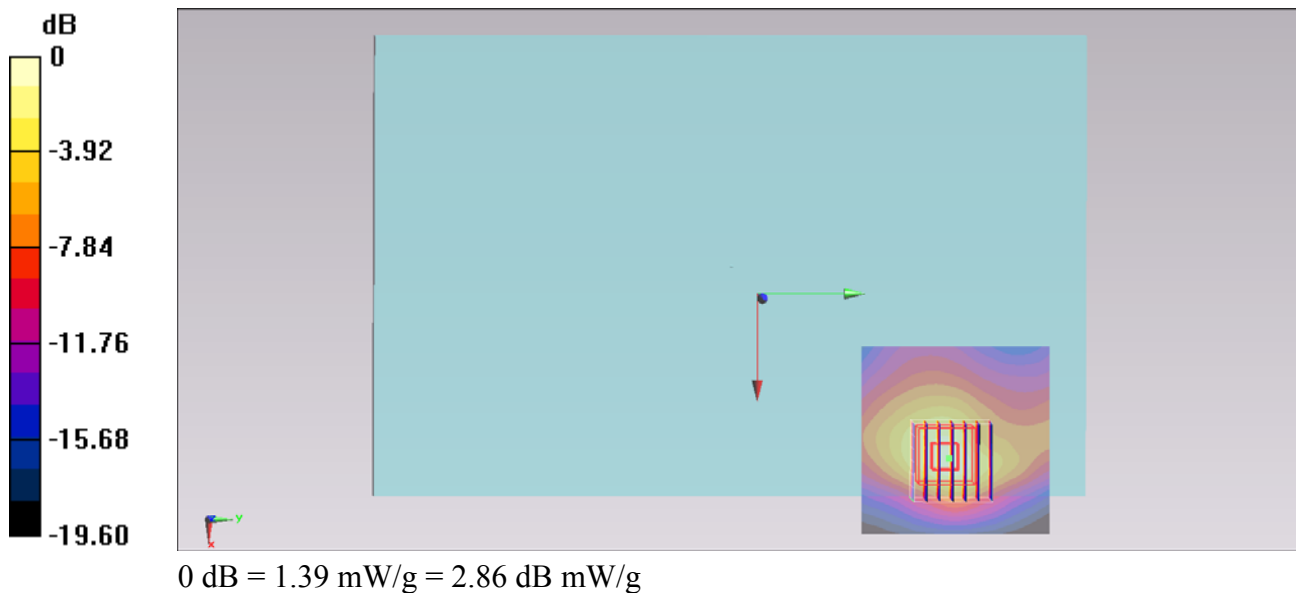
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.935 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.537 mW/g

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.492 mW/g

Maximum value of SAR (measured) = 1.39 mW/g



#18_WLAN2.4G_802.11b_Bottom Face_0cm_Ch11_Repeat**DUT: 311130**

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

Medium: MSL_2450_121220 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 51.791$; $\rho =$ 1000 kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °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: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch11/Area Scan (61x61x1): Measurement grid: dx=12mm, dy=12mm

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

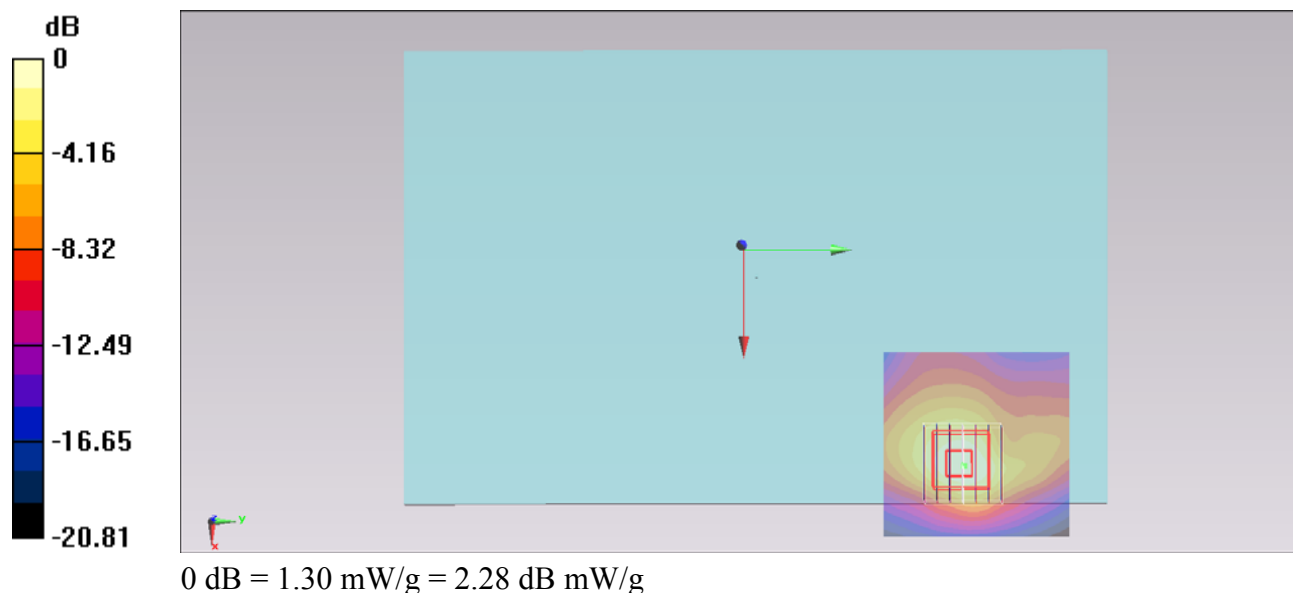
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.186 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.427 mW/g

SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.447 mW/g

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



#12_WLAN2.4G_802.11b_Bottom Face_0cm_Ch1**DUT: 311130**

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

Medium: MSL_2450_121220 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.81$ mho/m; $\epsilon_r = 51.932$; $\rho =$ 1000 kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °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: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1/Area Scan (61x61x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.39 mW/g

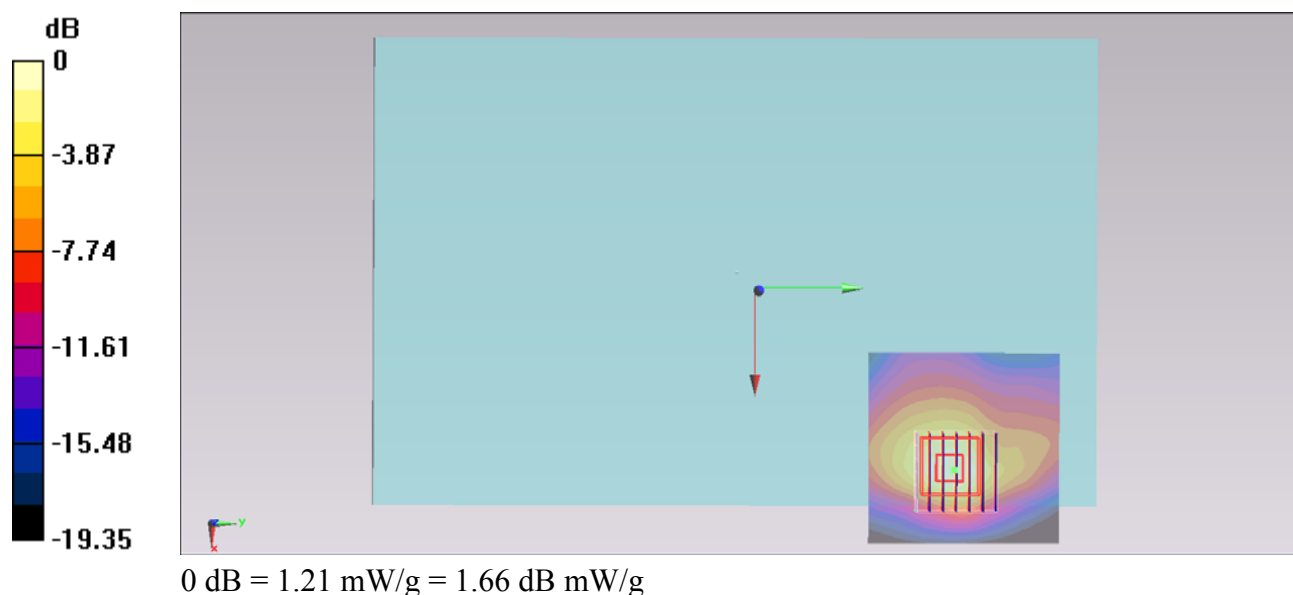
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.584 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.209 mW/g

SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.429 mW/g

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



#13_WLAN2.4G_802.11b_Bottom Face_0cm_Ch6**DUT: 311130**

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

Medium: MSL_2450_121220 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.887$ mho/m; $\epsilon_r = 51.868$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °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: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (61x61x1): Measurement grid: dx=12mm, dy=12mm

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

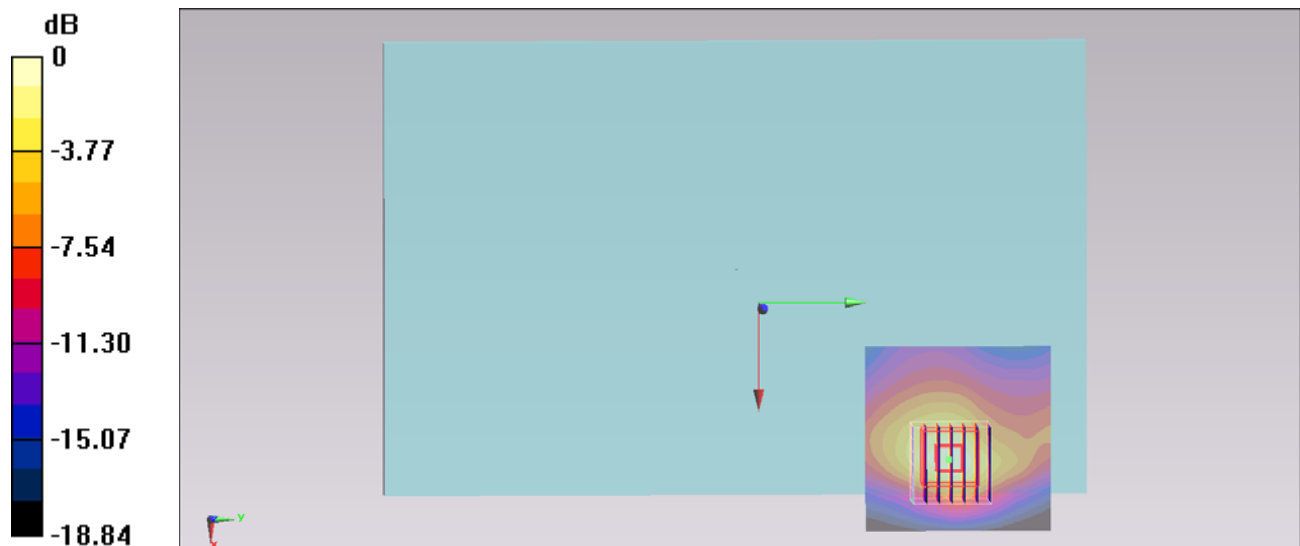
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.049 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.987 mW/g

SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.386 mW/g

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



0 dB = 1.13 mW/g = 1.06 dB mW/g

#14_WLAN2.4G_802.11b_Edge1_0cm_Ch11**DUT: 311130**

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

Medium: MSL_2450_121220 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 51.791$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°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: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch11/Area Scan (51x91x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (interpolated) = 0.963 mW/g

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.842 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.513 mW/g

SAR(1 g) = 0.702 mW/g ; SAR(10 g) = 0.301 mW/g

Maximum value of SAR (measured) = 0.947 mW/g

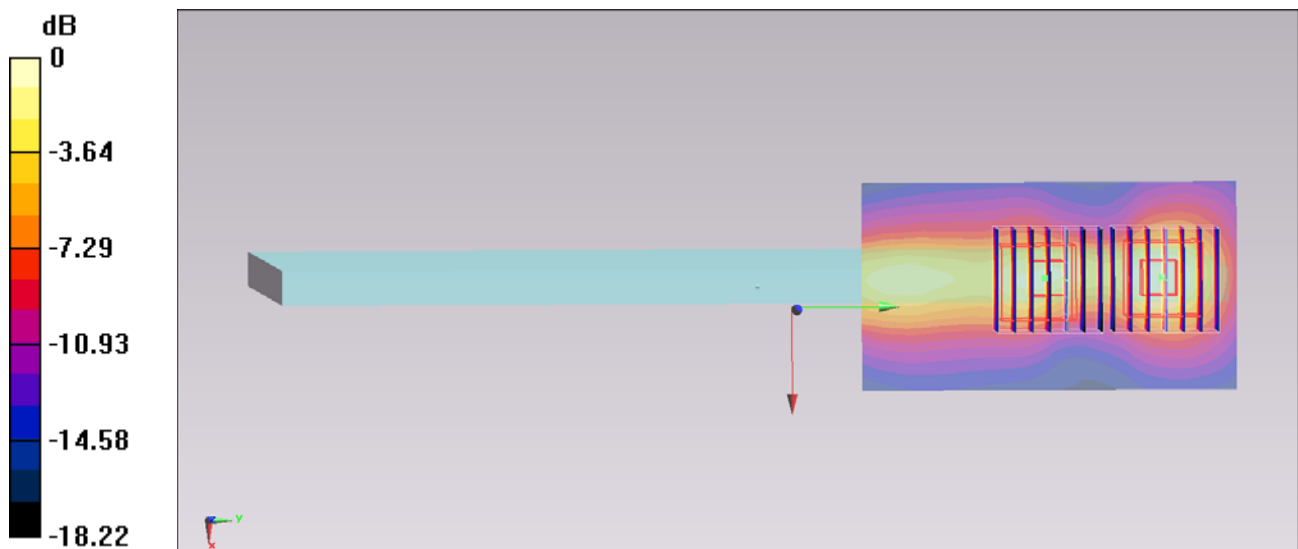
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.842 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.611 mW/g

SAR(1 g) = 0.537 mW/g ; SAR(10 g) = 0.219 mW/g

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



#151_WLAN2.4G_802.11b_Edge2_0cm_Ch11**DUT: 311130**

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

Medium: MSL_2450_130113 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.946$ mho/m; $\epsilon_r = 53.51$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.7°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch11/Area Scan (41x171x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (interpolated) = 0.197 mW/g

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.263 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.257 mW/g

SAR(1 g) = 0.109 mW/g ; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.180 mW/g

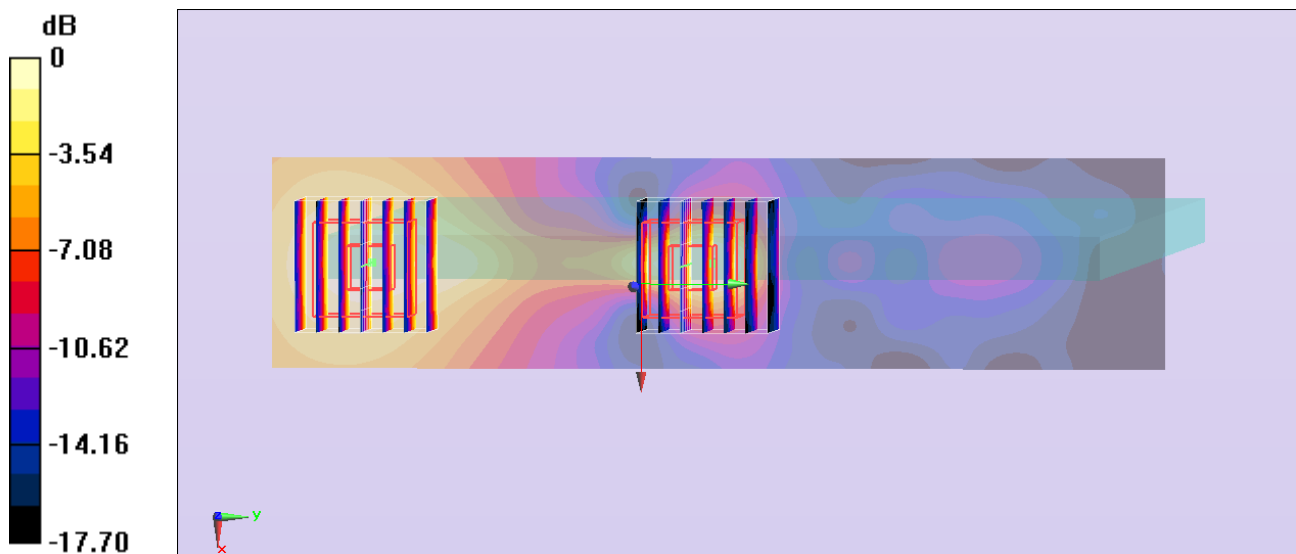
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.263 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.207 mW/g

SAR(1 g) = 0.093 mW/g ; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.142 mW/g



0 dB = 0.142 mW/g = -16.95 dB mW/g

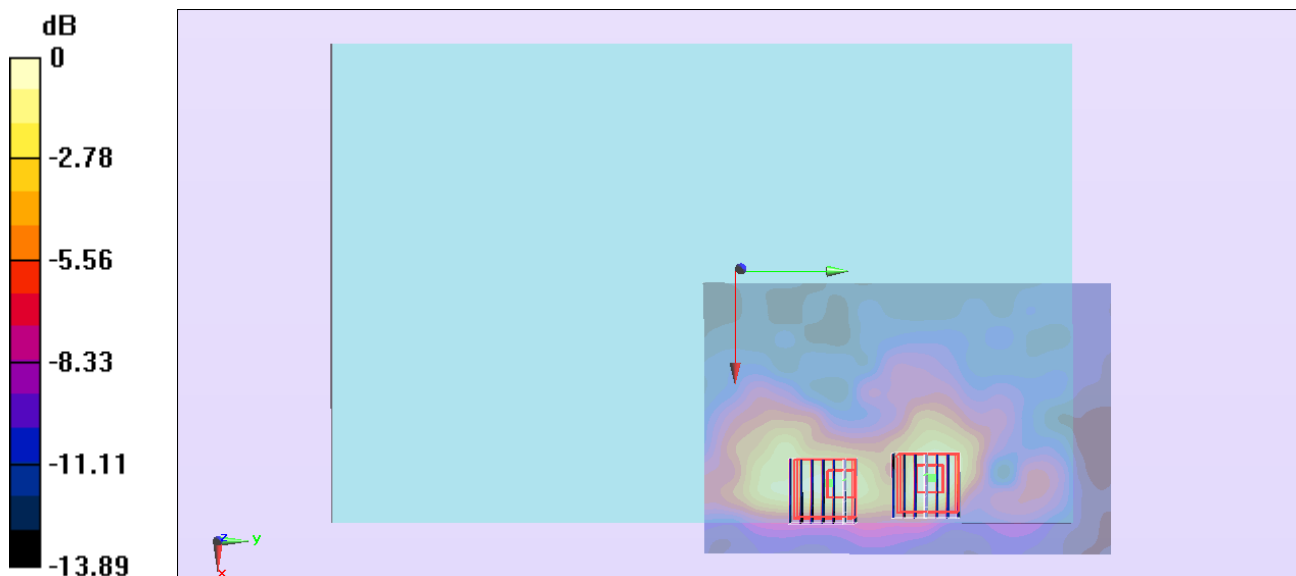
#19_WLAN5G_802.11a_Bottom Face_0cm_Ch44**DUT: 311130**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1.073

Medium: MSL_5G_121221 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.257$ mho/m; $\epsilon_r = 47.44$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch44/Area Scan (101x151x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (interpolated) = 0.772 mW/g **Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$ Reference Value = 13.772 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 1.260 mW/g **SAR(1 g) = 0.338 mW/g ; SAR(10 g) = 0.127 mW/g** Maximum value of SAR (measured) = 0.753 mW/g **Configuration/Ch44/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$ Reference Value = 13.772 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 1.028 mW/g **SAR(1 g) = 0.255 mW/g ; SAR(10 g) = 0.112 mW/g** Maximum value of SAR (measured) = 0.576 mW/g  $0 \text{ dB} = 0.576 \text{ mW/g} = -4.79 \text{ dB mW/g}$

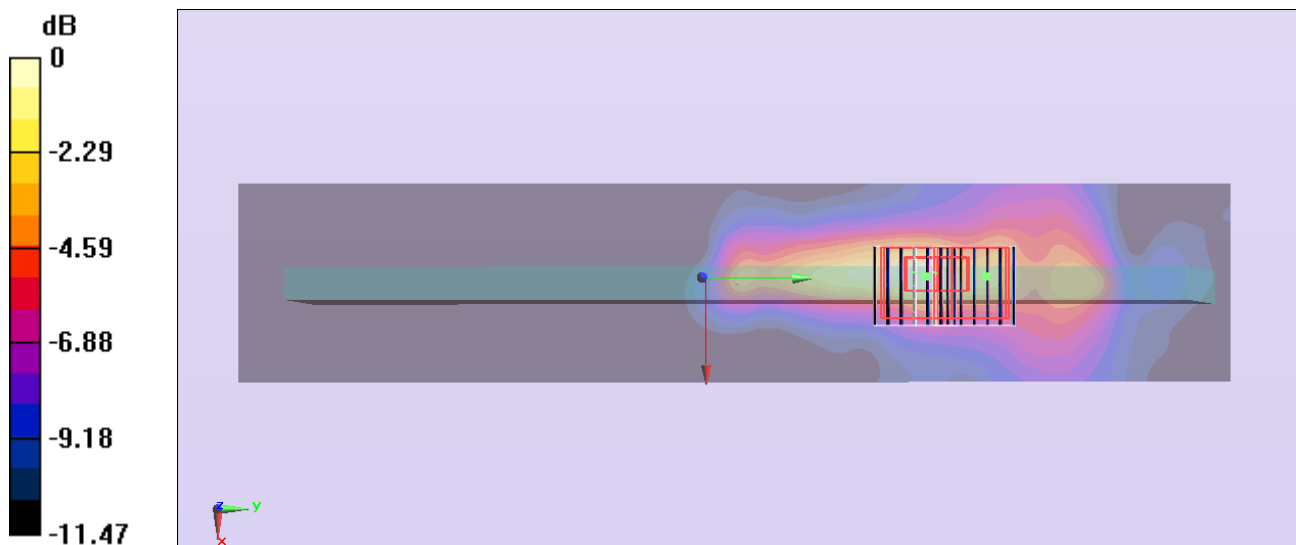
#20_WLAN5G_802.11a_Edge1_0cm_Ch44**DUT: 311130**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1.073

Medium: MSL_5G_121221 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.257$ mho/m; $\epsilon_r = 47.44$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch44/Area Scan (61x301x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (interpolated) = 0.619 mW/g **Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$ Reference Value = 12.878 V/m ; Power Drift = 0.04 dB Peak SAR (extrapolated) = 1.055 mW/g **SAR(1 g) = 0.310 mW/g ; SAR(10 g) = 0.134 mW/g** Maximum value of SAR (measured) = 0.659 mW/g **Configuration/Ch44/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$ Reference Value = 12.878 V/m ; Power Drift = 0.04 dB Peak SAR (extrapolated) = 0.989 mW/g **SAR(1 g) = 0.255 mW/g ; SAR(10 g) = 0.118 mW/g** Maximum value of SAR (measured) = 0.627 mW/g  $0 \text{ dB} = 0.627 \text{ mW/g} = -4.05 \text{ dB mW/g}$

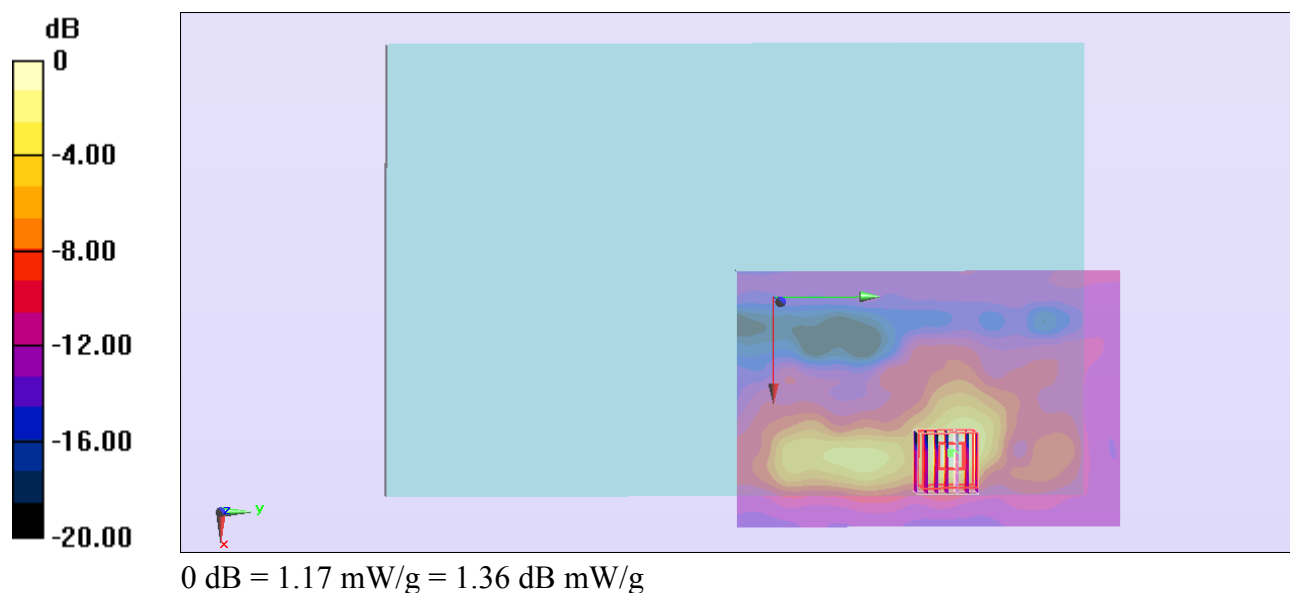
#21_WLAN5G_802.11a_Bottom Face_0cm_Ch60**DUT: 311130**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.073

Medium: MSL_5G_121221 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 47.244$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch60/Area Scan (101x151x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 1.22 mW/g **Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$ Reference Value = 17.364 V/m ; Power Drift = -0.028 dB Peak SAR (extrapolated) = 1.986 mW/g **SAR(1 g) = 0.532 mW/g ; SAR(10 g) = 0.195 mW/g** Maximum value of SAR (measured) = 1.17 mW/g 

#22_WLAN5G_802.11a_Edge1_0cm_Ch60**DUT: 311130**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.073

Medium: MSL_5G_121221 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 47.244$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch60/Area Scan (61x151x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (interpolated) = 0.655 mW/g

Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 13.165 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.203 mW/g

SAR(1 g) = 0.343 mW/g ; SAR(10 g) = 0.164 mW/g

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

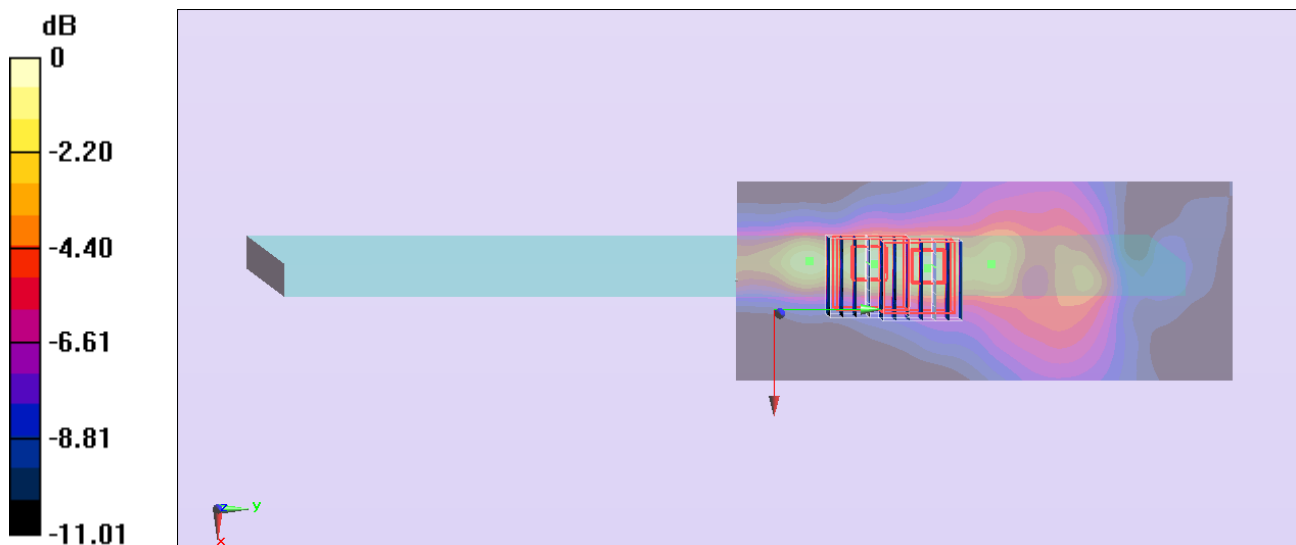
Configuration/Ch60/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 13.165 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.107 mW/g

SAR(1 g) = 0.340 mW/g ; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.744 mW/g



#23_WLAN5G_802.11a_Bottom Face_0cm_Ch116**DUT: 311130**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.073

Medium: MSL_5G_121221 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.749$ mho/m; $\epsilon_r = 46.826$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch116/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.980 mW/g

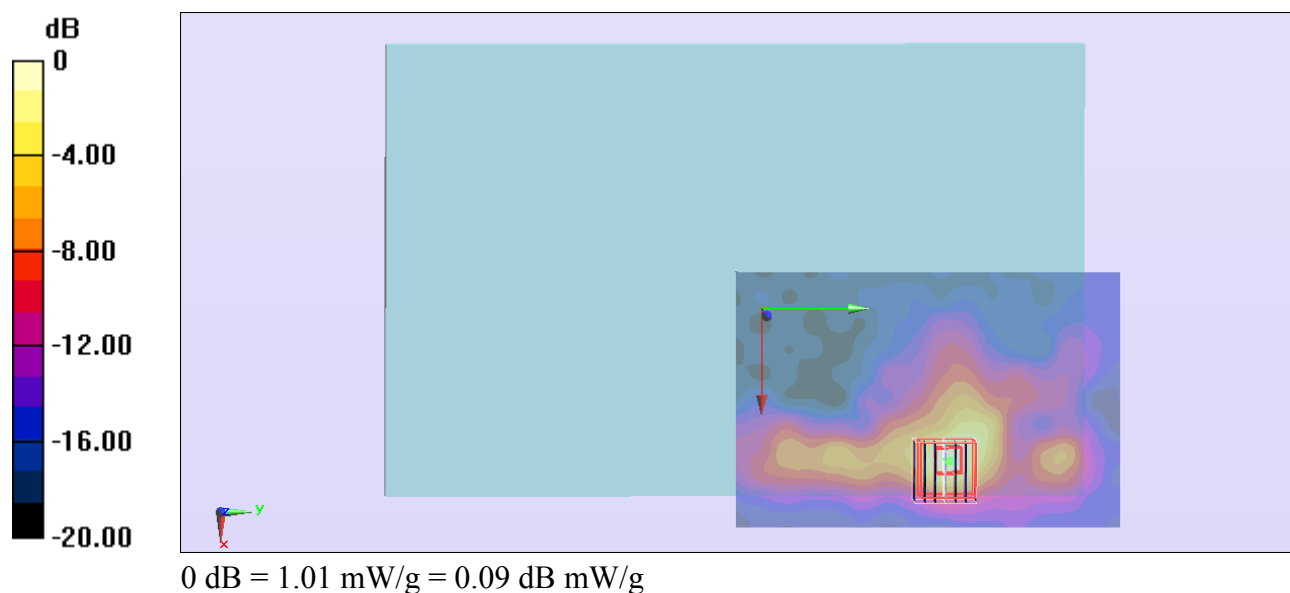
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.306 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.819 mW/g

SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.133 mW/g

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



#153_WLAN5G_802.11a_Bottom Face_0cm_Ch108**DUT: 311130**

Communication System: 802.11a; Frequency: 5540 MHz; Duty Cycle: 1:1.073

Medium: MSL_5G_130118 Medium parameters used: $f = 5540$ MHz; $\sigma = 5.801$ mho/m; $\epsilon_r = 46.888$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

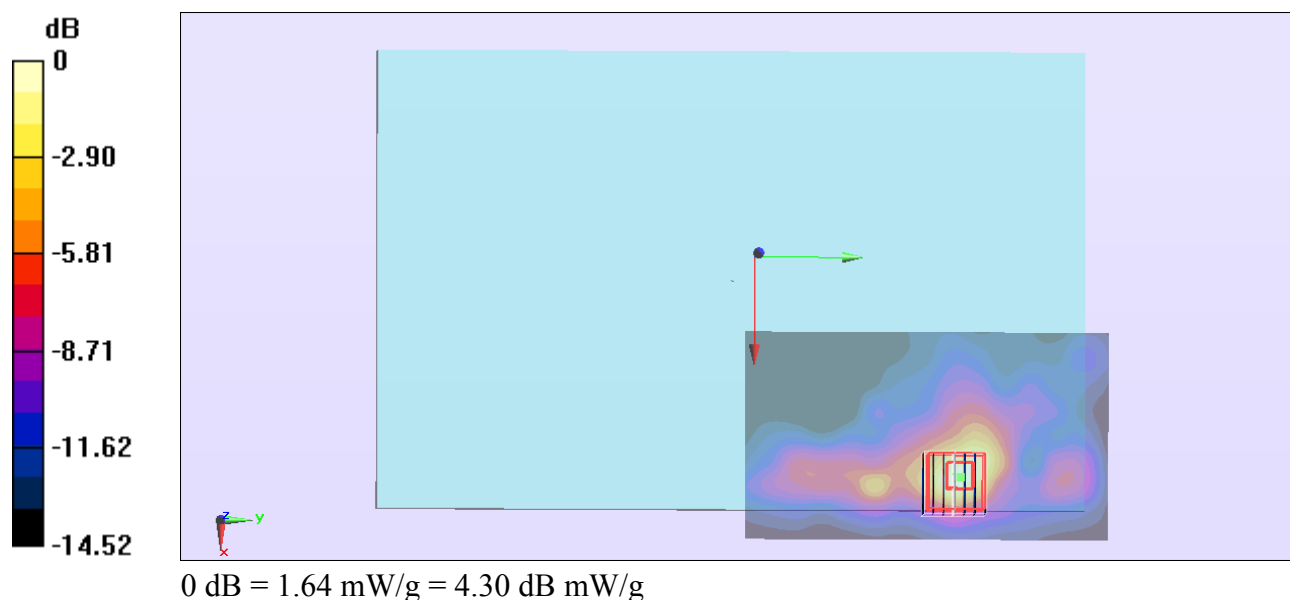
Configuration/Ch108/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.70 mW/g**Configuration/Ch108/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.359 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.924 mW/g

SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.263 mW/g

Maximum value of SAR (measured) = 1.64 mW/g



#154_WLAN5G_802.11a_Bottom Face_0cm_Ch136**DUT: 311130**

Communication System: 802.11a; Frequency: 5680 MHz; Duty Cycle: 1:1.073

Medium: MSL_5G_130118 Medium parameters used: $f = 5680$ MHz; $\sigma = 6.026$ mho/m; $\epsilon_r = 46.588$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch136/Area Scan (81x141x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

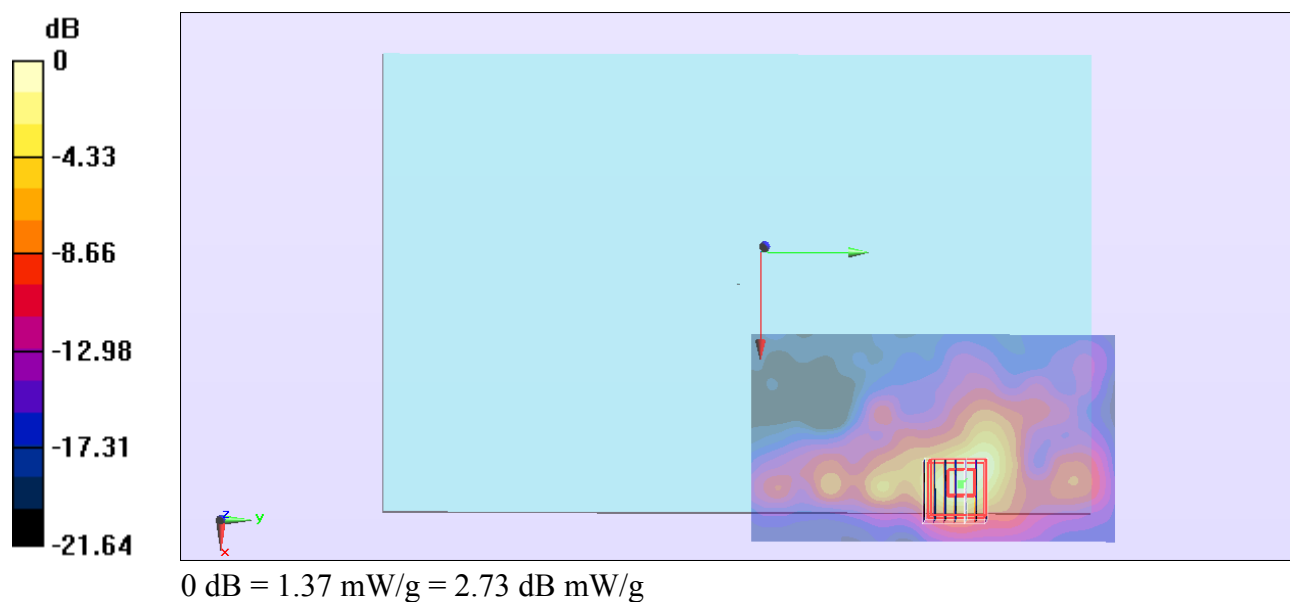
Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 17.554 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.490 mW/g

SAR(1 g) = 0.550 mW/g ; SAR(10 g) = 0.173 mW/g

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



#24_WLAN5G_802.11a_Edge1_0cm_Ch116**DUT: 311130**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.073

Medium: MSL_5G_121221 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.749$ mho/m; $\epsilon_r = 46.826$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch116/Area Scan (61x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.807 mW/g

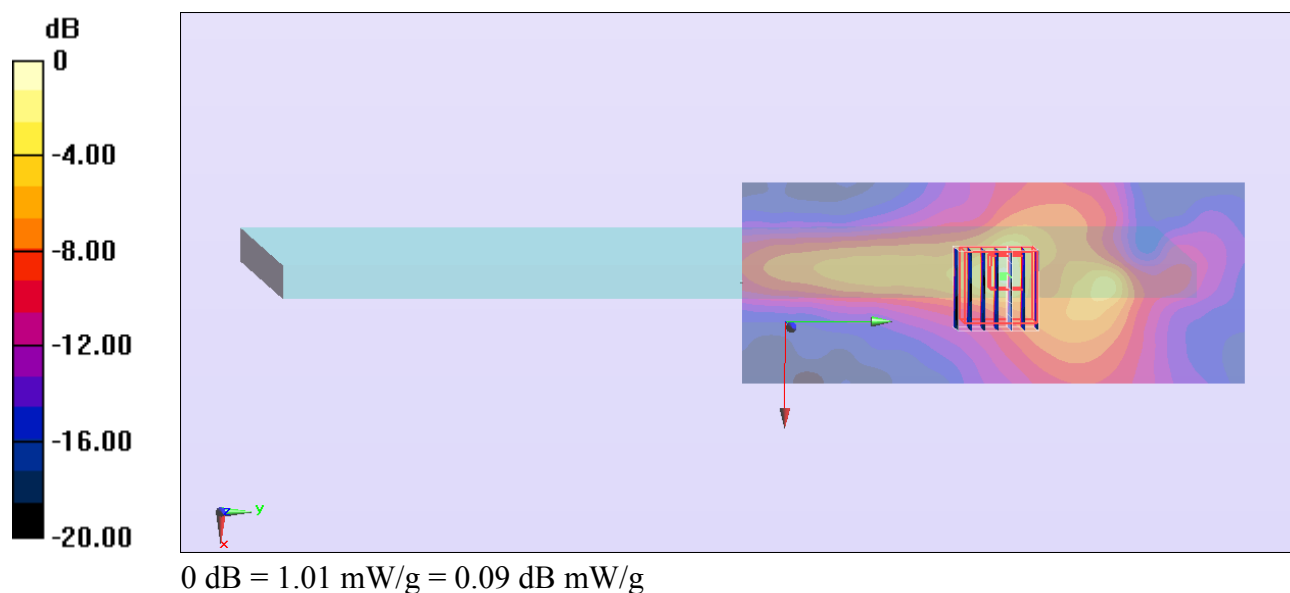
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.751 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.753 mW/g

SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.110 mW/g

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



#155_WLAN5G_802.11a_Edge1_0cm_Ch108**DUT: 311130**

Communication System: 802.11a; Frequency: 5540 MHz; Duty Cycle: 1:1.073

Medium: MSL_5G_130118 Medium parameters used: $f = 5540$ MHz; $\sigma = 5.801$ mho/m; $\epsilon_r = 46.888$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch108/Area Scan (61x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.21 mW/g**Configuration/Ch108/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.517 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.093 mW/g

SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.187 mW/g

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

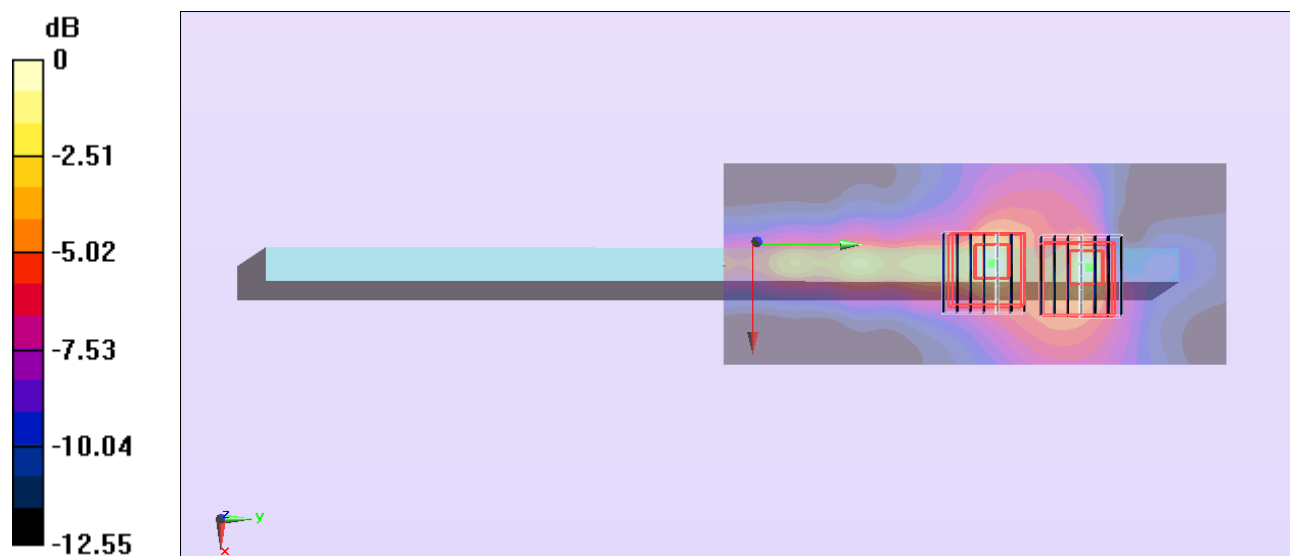
Configuration/Ch108/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.517 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.950 mW/g

SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.159 mW/g

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



#156_WLAN5G_802.11a_Edge1_0cm_Ch136**DUT: 311130**

Communication System: 802.11a; Frequency: 5680 MHz; Duty Cycle: 1:1.073

Medium: MSL_5G_130118 Medium parameters used: $f = 5680$ MHz; $\sigma = 6.026$ mho/m; $\epsilon_r = 46.588$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch136/Area Scan (61x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.56 mW/g

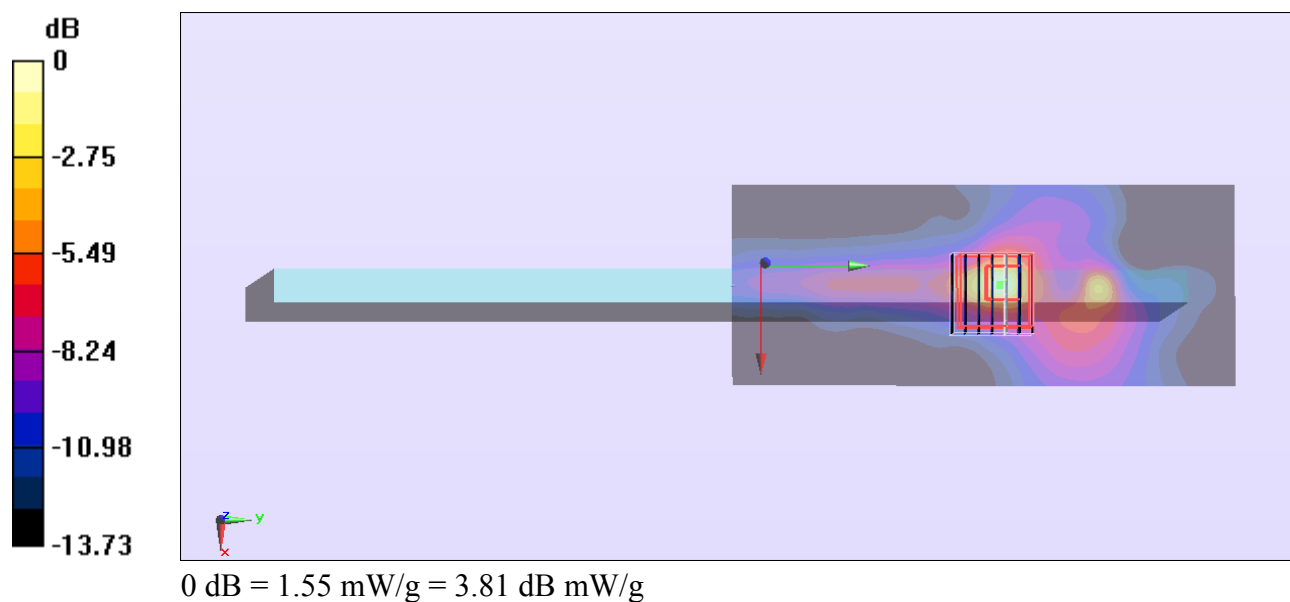
Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.440 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.694 mW/g

SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.201 mW/g

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



#25_WLAN5G_802.11a_Bottom Face_0cm_Ch165**DUT: 311130**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.073

Medium: MSL_5G_121221 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.193$ mho/m; $\epsilon_r = 46.405$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

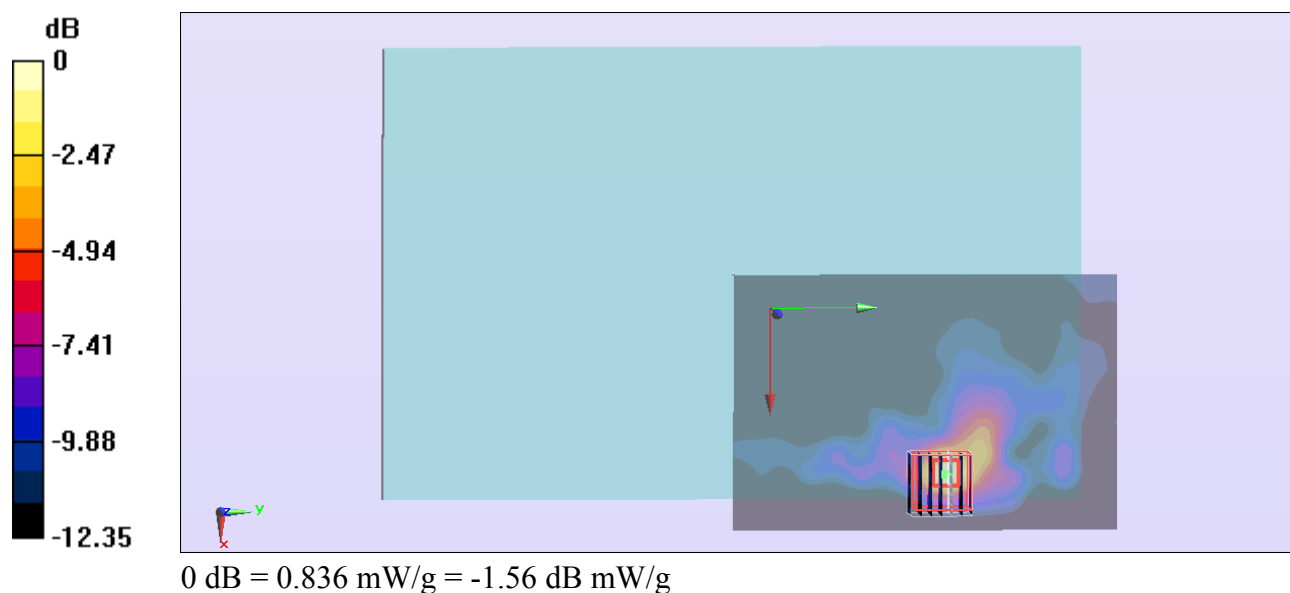
Configuration/Ch165/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.726 mW/g**Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.692 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.438 mW/g

SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.135 mW/g

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



#26_WLAN5G_802.11a_Edge1_0cm_Ch165**DUT: 311130**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.073

Medium: MSL_5G_121221 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.193$ mho/m; $\epsilon_r = 46.405$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch165/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.739 mW/g

Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.392 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.172 mW/g

SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.787 mW/g

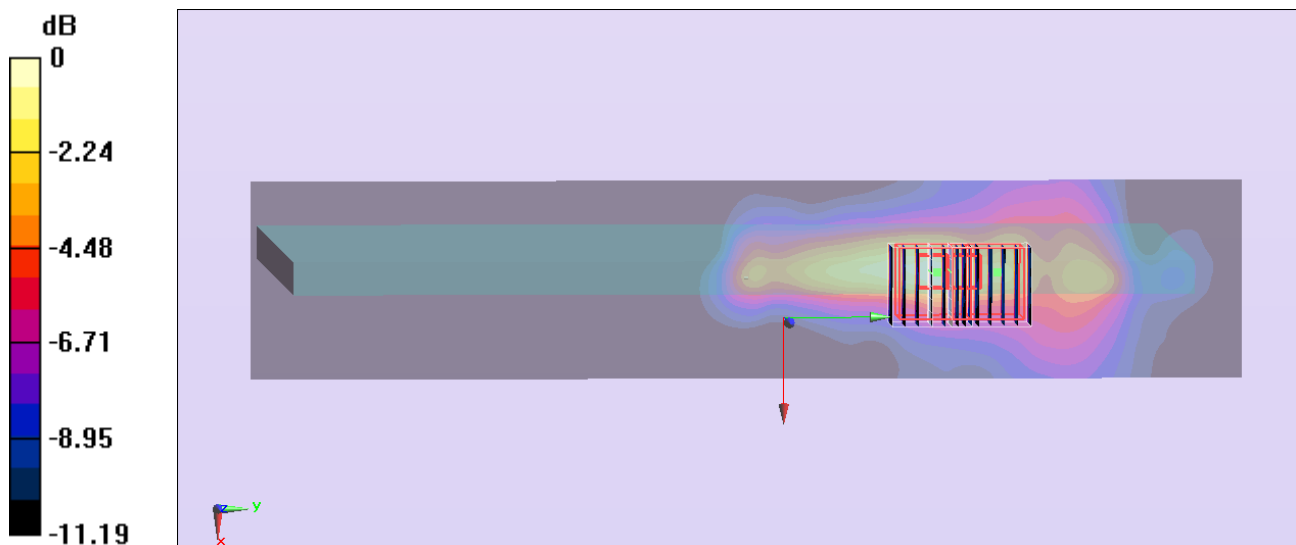
Configuration/Ch165/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.392 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.098 mW/g

SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.749 mW/g



#152_WLAN5G_802.11a_Edge2_0cm_Ch165**DUT: 311130**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.073

Medium: MSL_5G_121221 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.193$ mho/m; $\epsilon_r = 46.405$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch165/Area Scan (41x211x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0913 mW/g

Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.017 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.210 mW/g

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.0891 mW/g

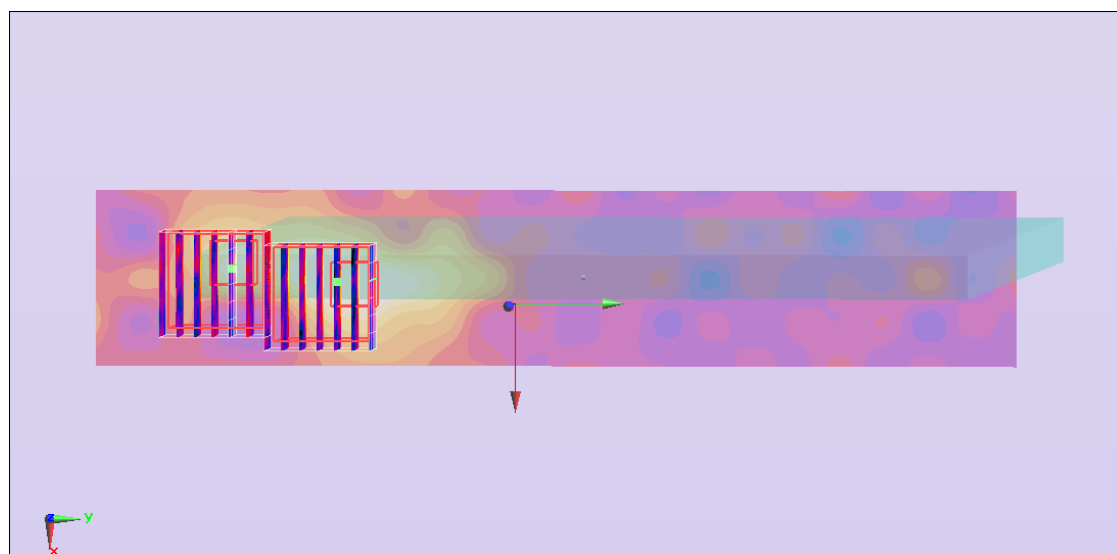
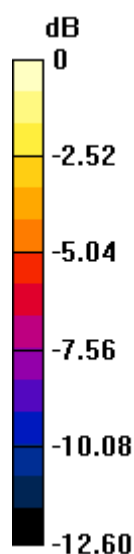
Configuration/Ch165/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.017 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.148 mW/g

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.0626 mW/g



0 dB = 0.0626 mW/g = -24.07 dB mW/g