

#28 GSM850_GPRS10_Bottom Face_1.1cm_Ch189

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 55.4$;

$\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

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

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

Peak SAR (extrapolated) = 1.48 W/kg

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

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

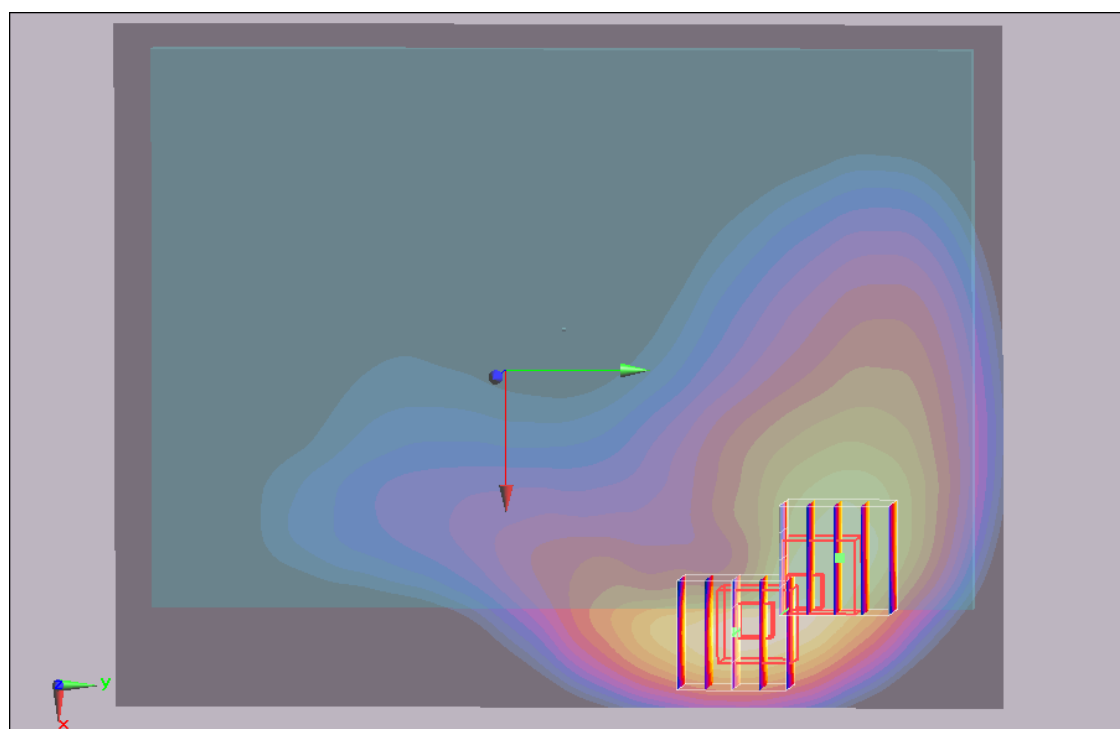
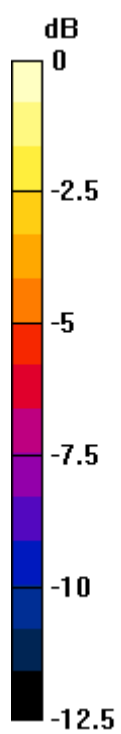
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.38 W/kg

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

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



0 dB = 1.01mW/g

#28 GSM850_GPRS10_Bottom Face_1.1cm_Ch189_2D

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 55.4$;

$\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

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

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

Peak SAR (extrapolated) = 1.48 W/kg

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

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

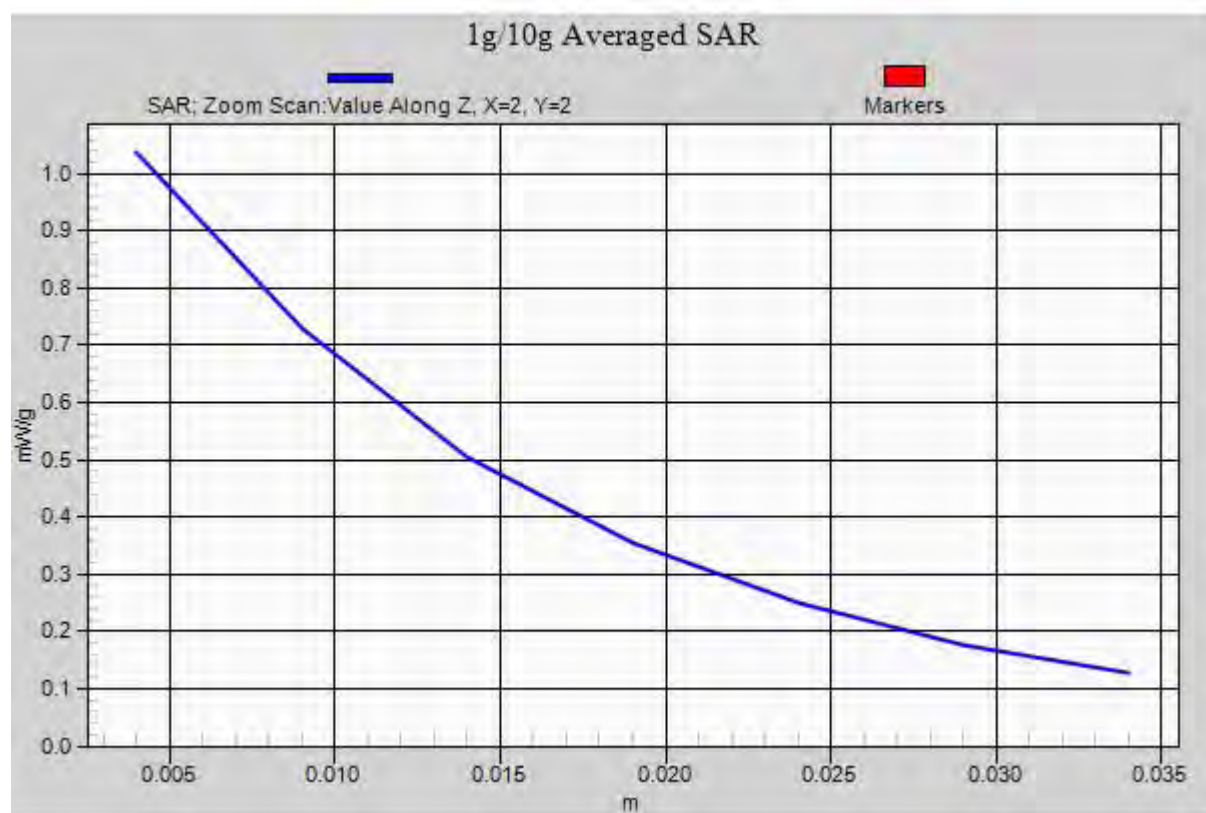
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.38 W/kg

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

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



#27 GSM850_GPRS10_Bottom Face_1.1cm_Ch128

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 55.4$;

$\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

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

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

Peak SAR (extrapolated) = 1.26 W/kg

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

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

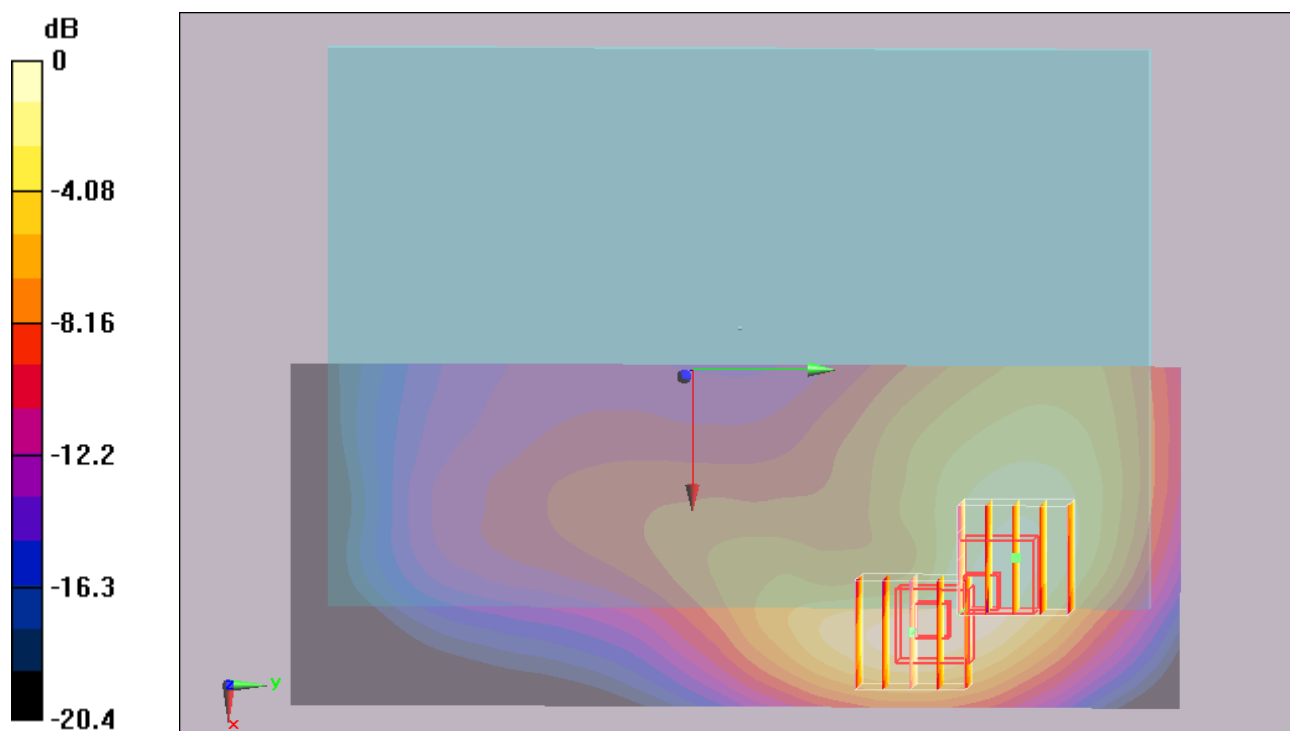
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.2 W/kg

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

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



0 dB = 0.874mW/g

#29 GSM850_GPRS10_Bottom Face_1.1cm_Ch251

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 849$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

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

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

Peak SAR (extrapolated) = 1.46 W/kg

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

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

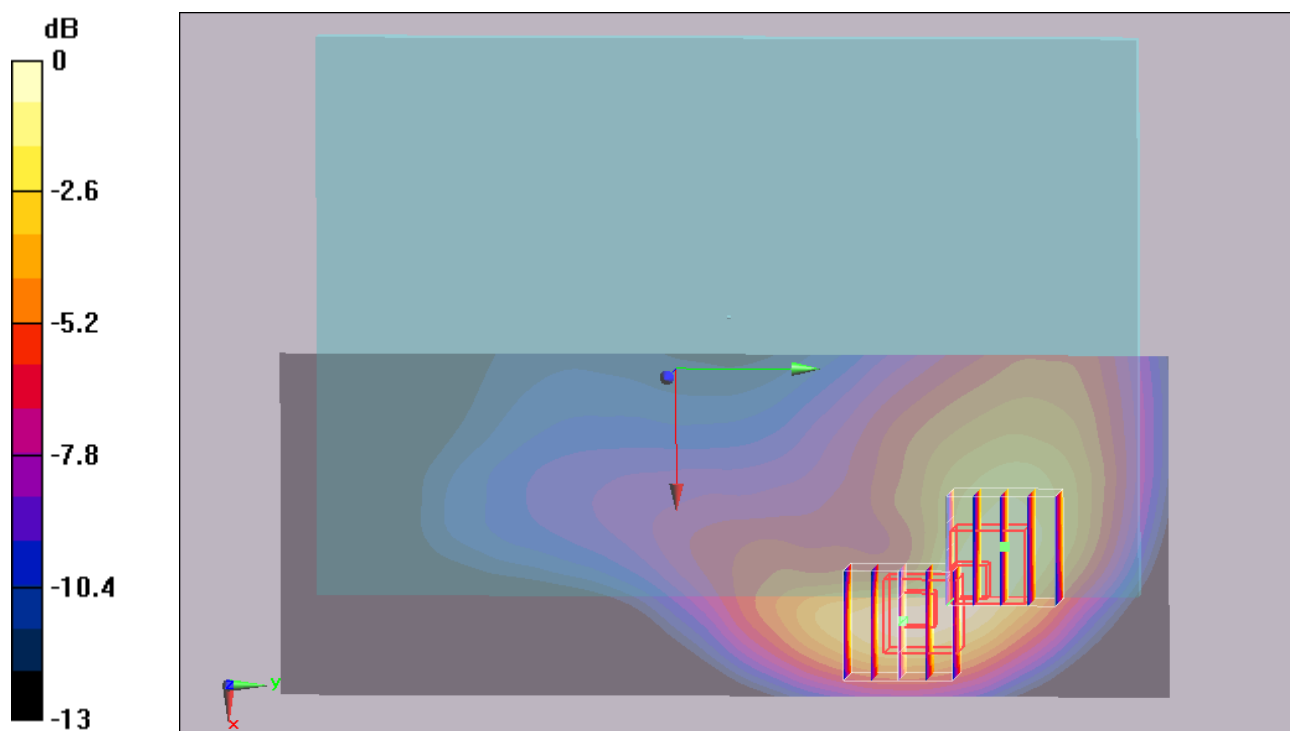
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.35 W/kg

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

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



0 dB = 0.986mW/g

#31 GSM850_GPRS10_Edge 1_0.9cm_Ch189

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.998 \text{ mho/m}$; $\epsilon_r = 55.4$;

$\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

Ch189/Area Scan (31x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

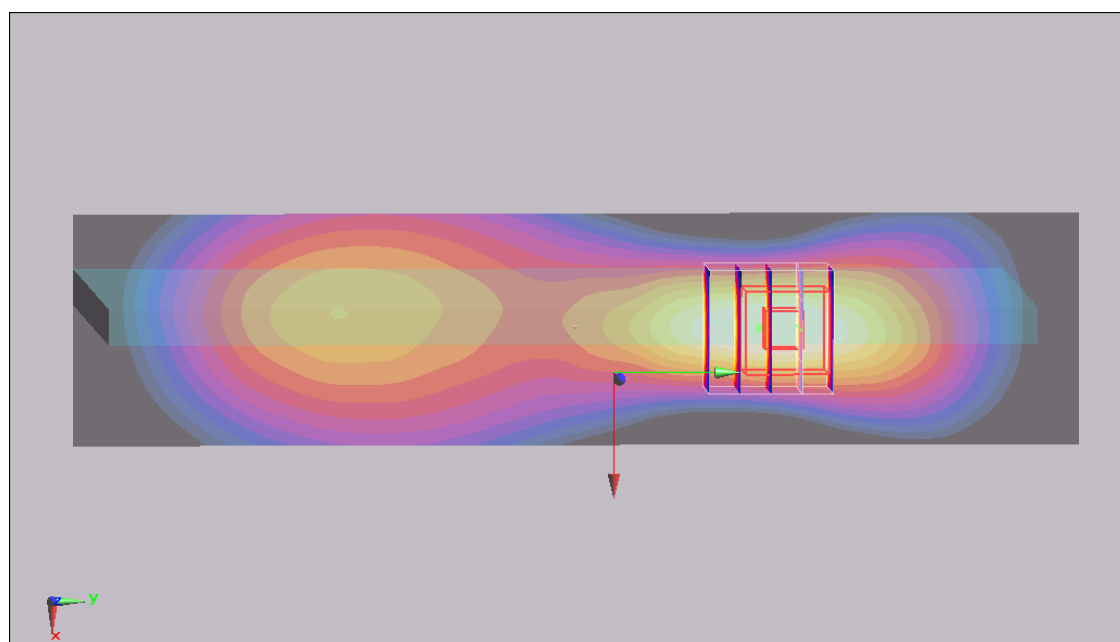
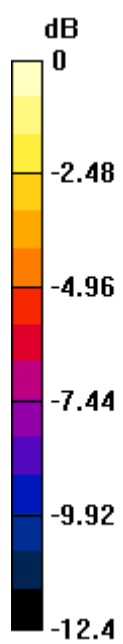
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 1.28 W/kg

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

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



0 dB = 0.920mW/g

#30 GSM850_GPRS10_Edge 1_0.9cm_Ch128

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 55.4$;

$\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

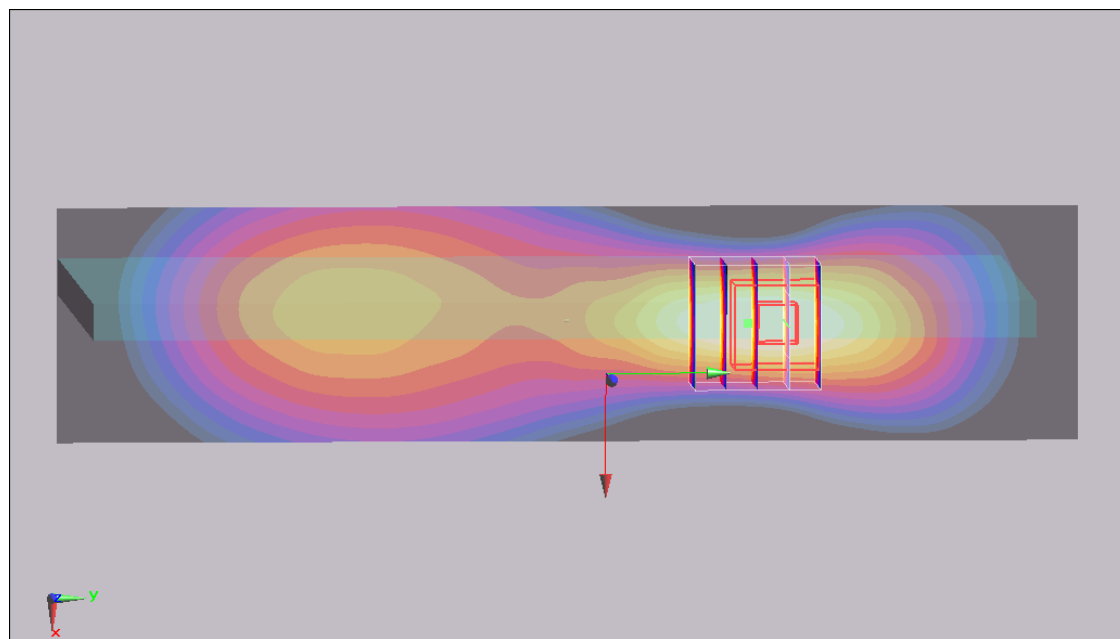
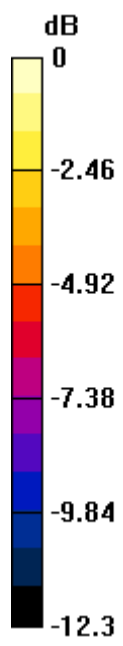
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.09 W/kg

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

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



0 dB = 0.782mW/g

#32 GSM850_GPRS10_Edge 1_0.9cm_Ch251

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 55.3$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

Ch251/Area Scan (31x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

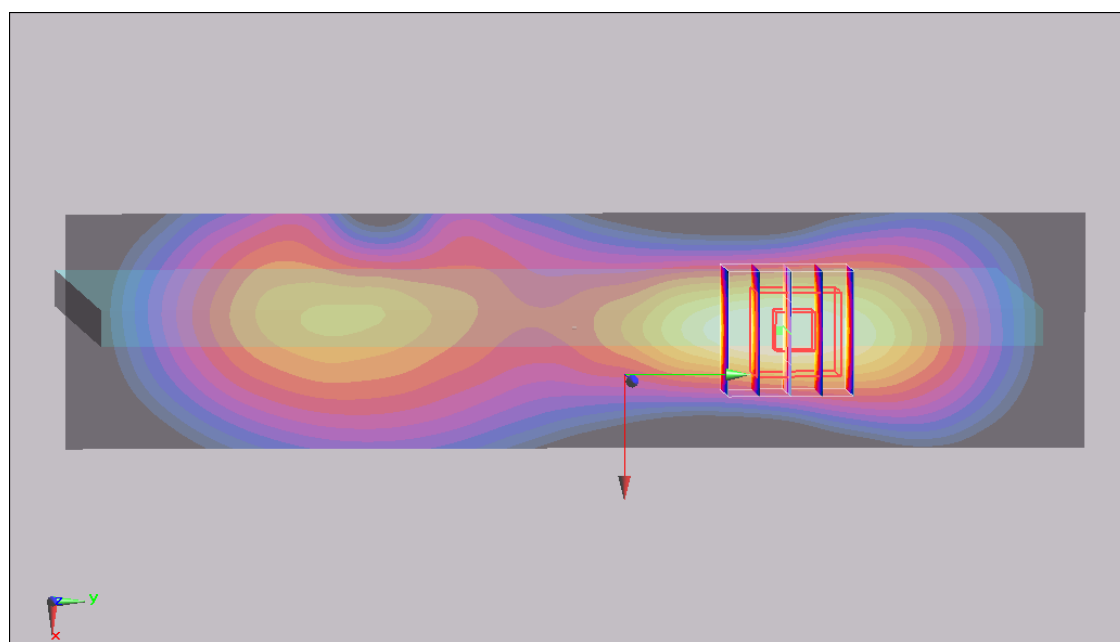
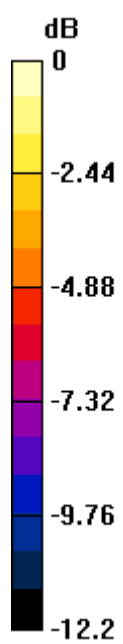
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 1.29 W/kg

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

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



0 dB = 0.924mW/g

#33 GSM850_GPRS10_Edge 2_0cm_Ch189

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 55.4$;

$\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

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

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

Peak SAR (extrapolated) = 0.525 W/kg

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

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

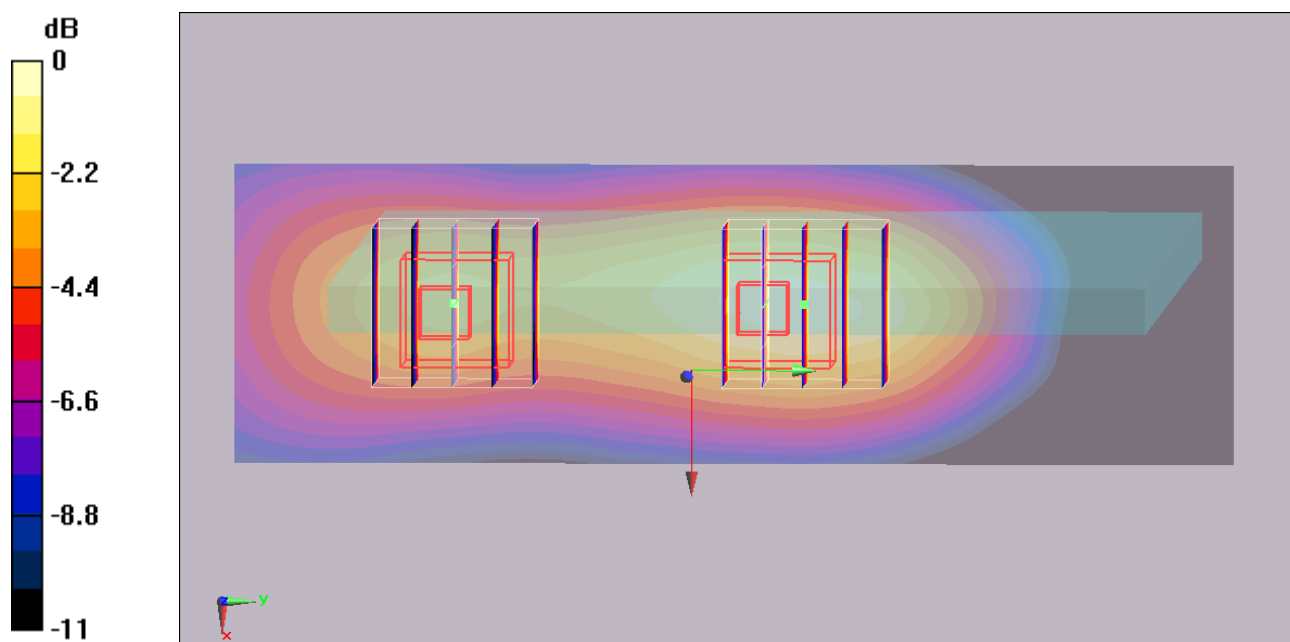
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 0.381 W/kg

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

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



0 dB = 0.259mW/g

#02 GSM850_GPRS10_Bottom Face_0cm_Ch189

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 55.4$;

$\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

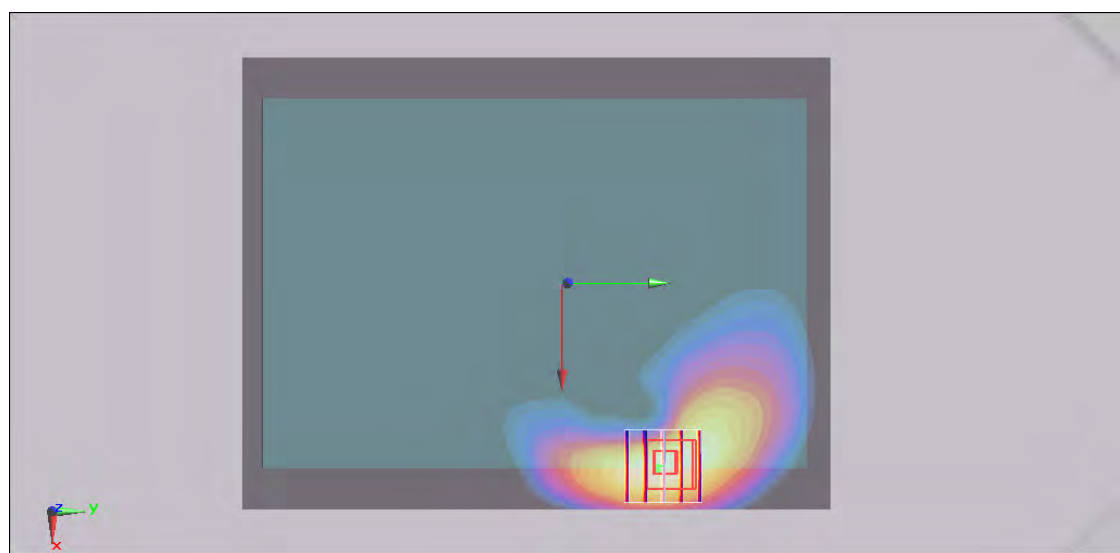
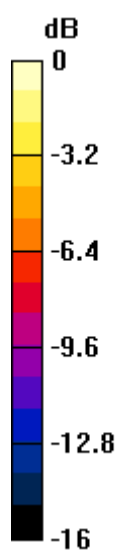
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.66 W/kg

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

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



0 dB = 0.933mW/g

#01 GSM850_GPRS10_Bottom Face_0cm_Ch128

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 55.4$;

$\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

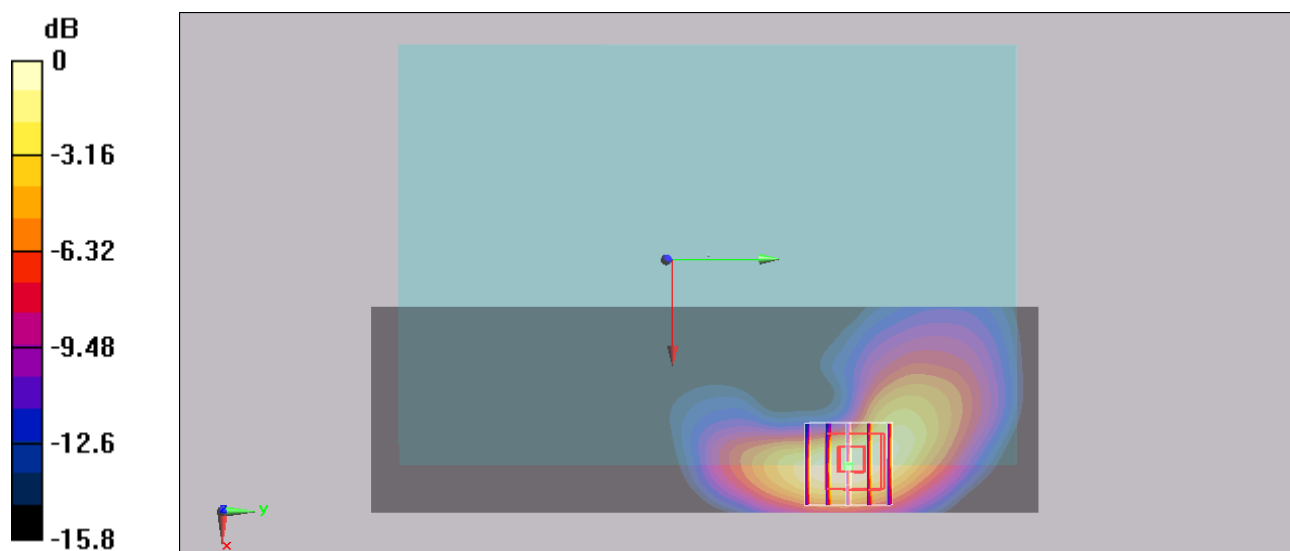
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.31 W/kg

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

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



#03 GSM850_GPRS10_Bottom Face_0cm_Ch251

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 55.3$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

Ch251/Area Scan (41x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

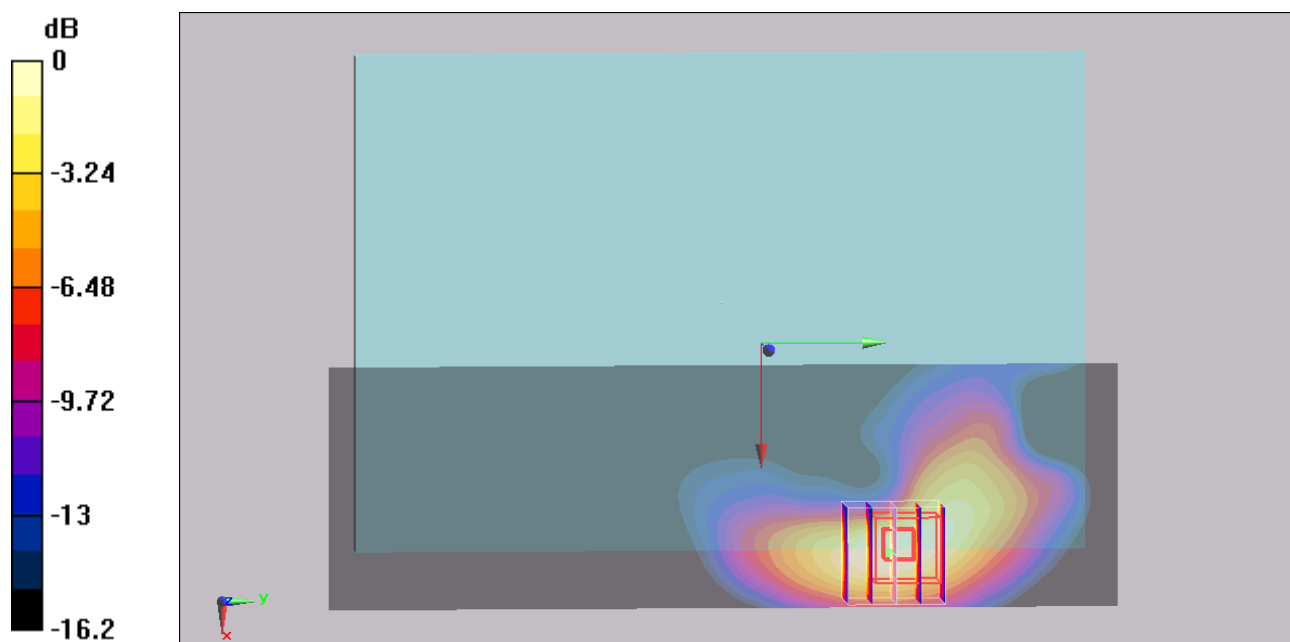
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 1.78 W/kg

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

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



#03 GSM850_GPRS10_Bottom Face_0cm_Ch251_2D**DUT: 240709**

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

Medium: MSL_850_120815 Medium parameters used: $f = 849$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

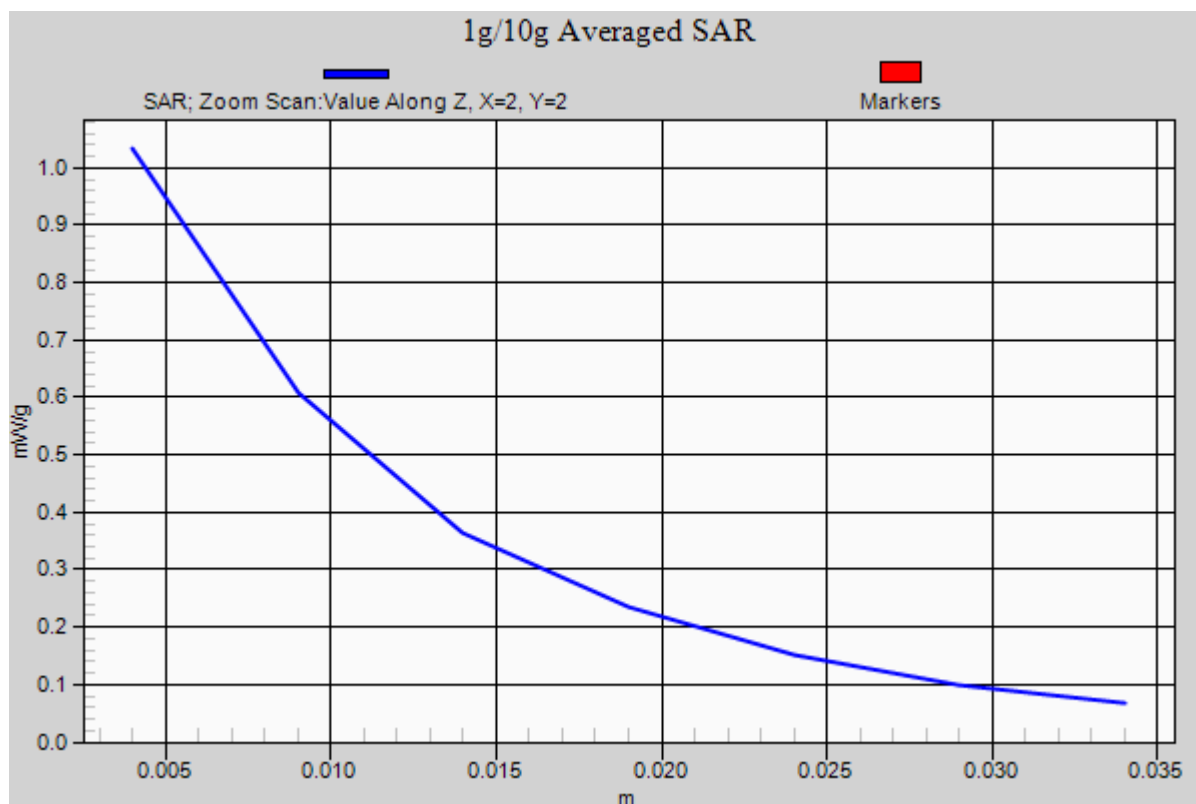
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.78 W/kg

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

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



#04 GSM850_GPRS10_Edge 1_0cm_Ch189

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 55.4$;

$\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

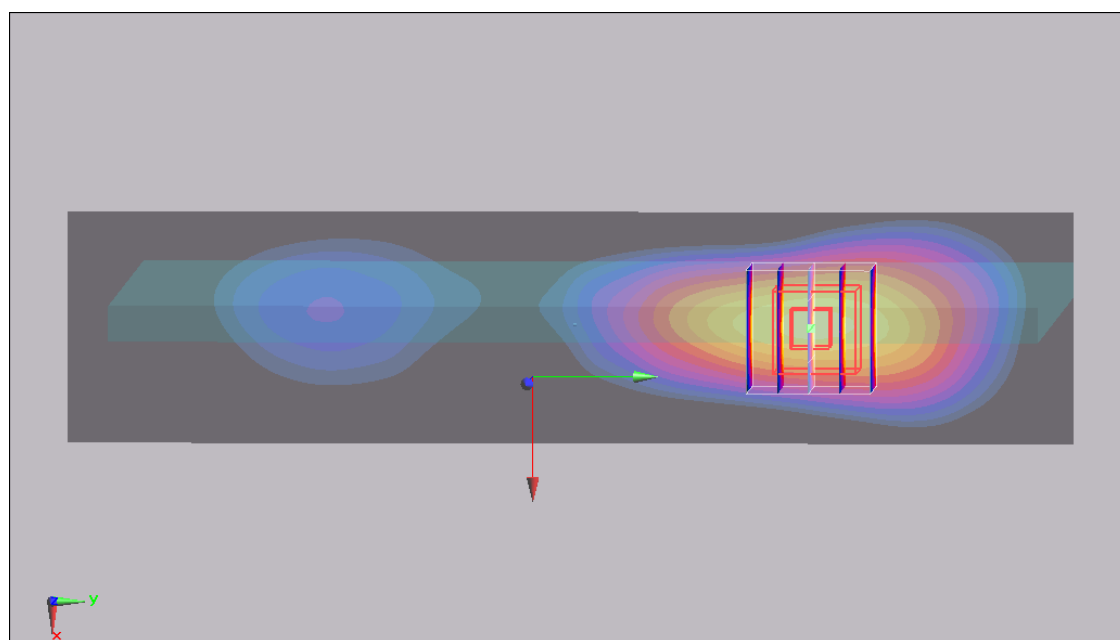
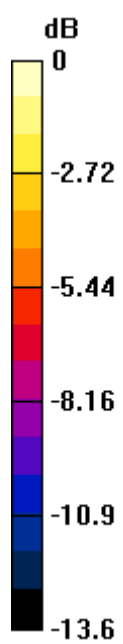
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.26 W/kg

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

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



0 dB = 0.789mW/g

#107 GSM850_GPRS10_Curved surface of Edge 1_Bottom Face tilted

0cm_Ch189

DUT: 240709

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

Medium: MSL_850_120821 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 54.7$;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

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

Ch189/Area Scan (41x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

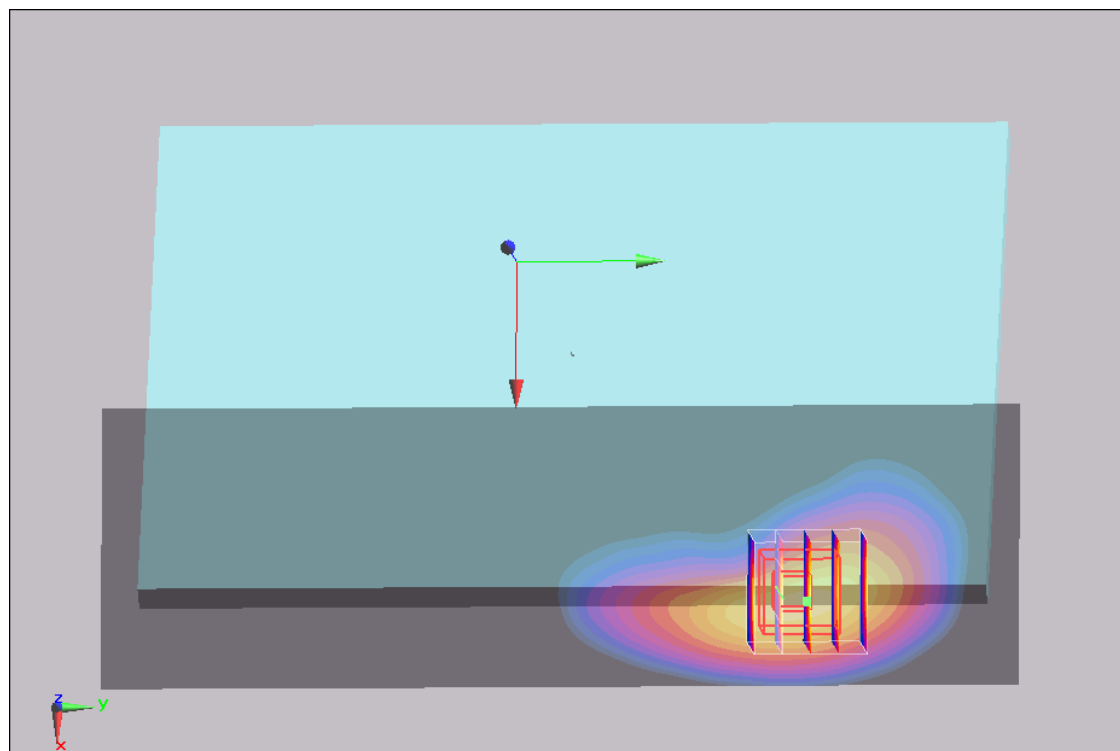
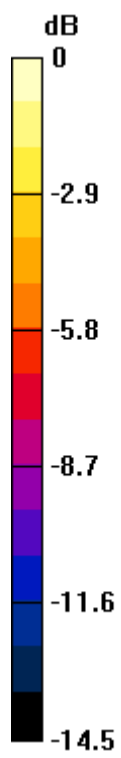
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 2.32 W/kg

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

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



0 dB = 1.31mW/g

#101 GSM850_GPRS10_Curved surface of Edge 1_Bottom Face tilted

0cm_Ch128

DUT: 240709

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

Medium: MSL_850_120821 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.984 \text{ mho/m}$; $\epsilon_r = 54.8$;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

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

Ch128/Area Scan (41x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

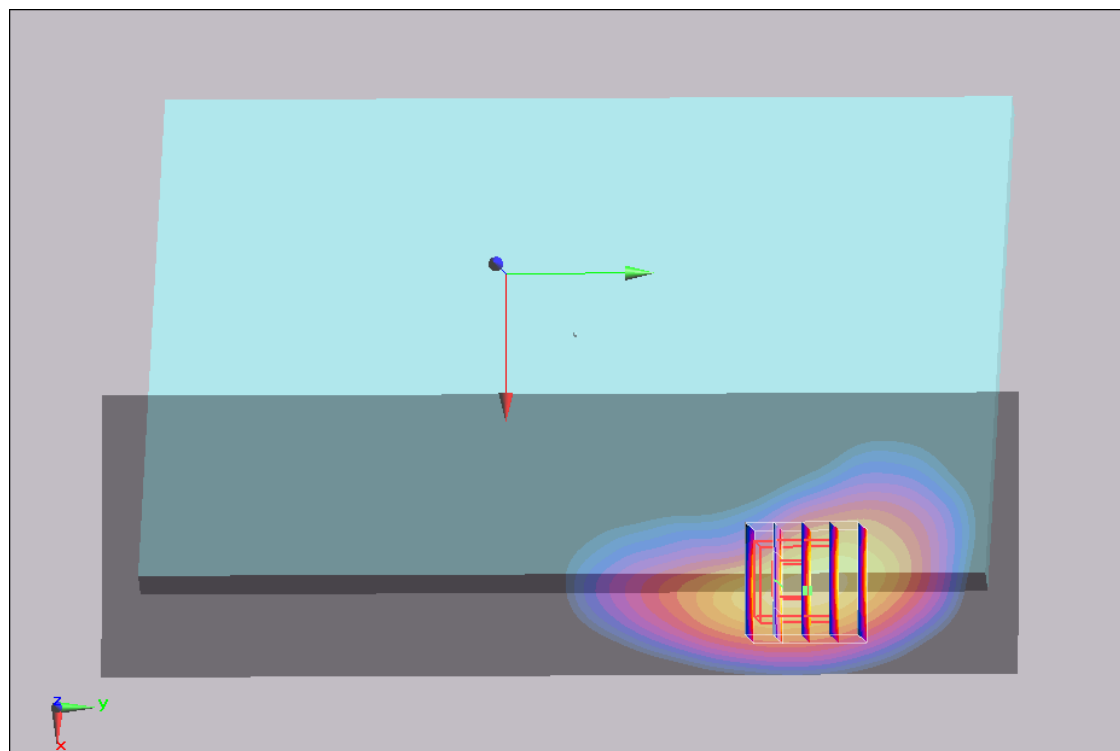
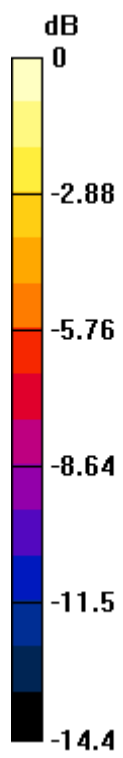
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 2 W/kg

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

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



0 dB = 1.13mW/g

#102 GSM850_GPRS10_Curved surface of Edge 1_Bottom Face tilted

0cm_Ch251

DUT: 240709

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

Medium: MSL_850 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 55.3$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

Ch251/Area Scan (31x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

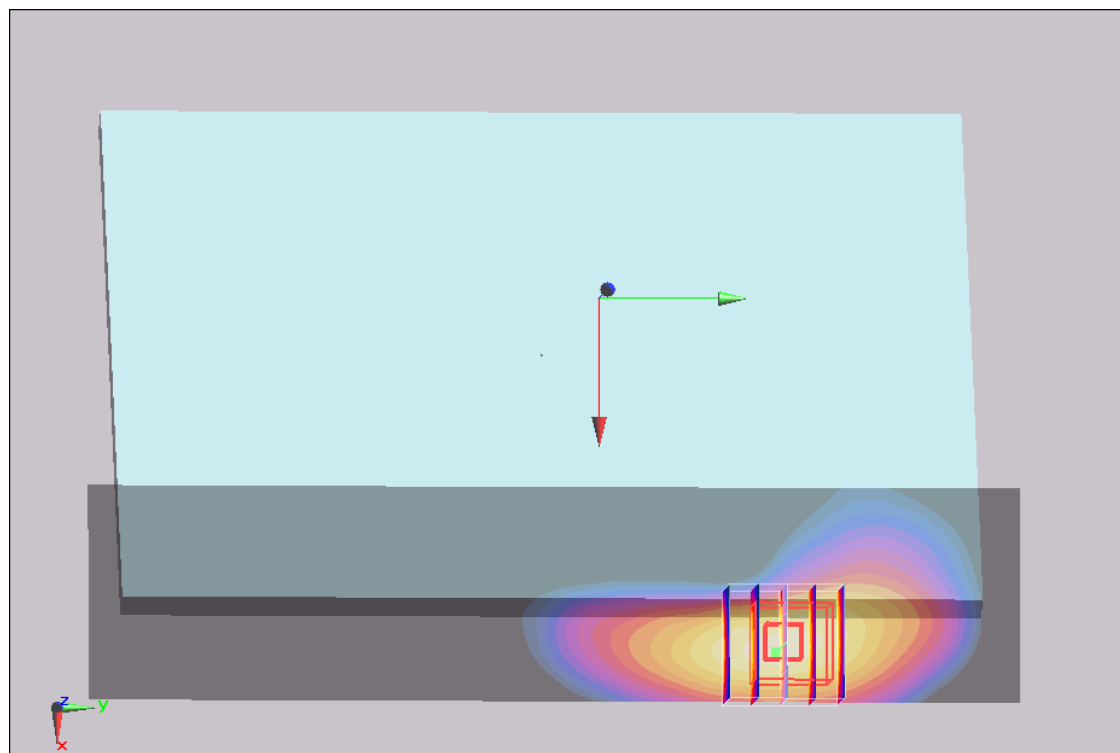
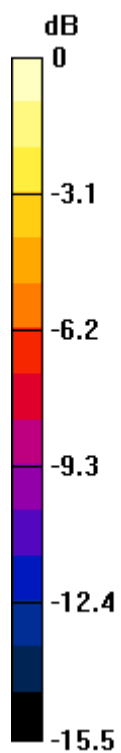
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 2.42 W/kg

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

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



0 dB = 1.35mW/g

#102 GSM850_GPRS10_Curved surface of Edge 1_Bottom Face tilted**0cm_Ch251_2D****DUT: 240709**

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

Medium: MSL_850_120815 Medium parameters used: $f = 849$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

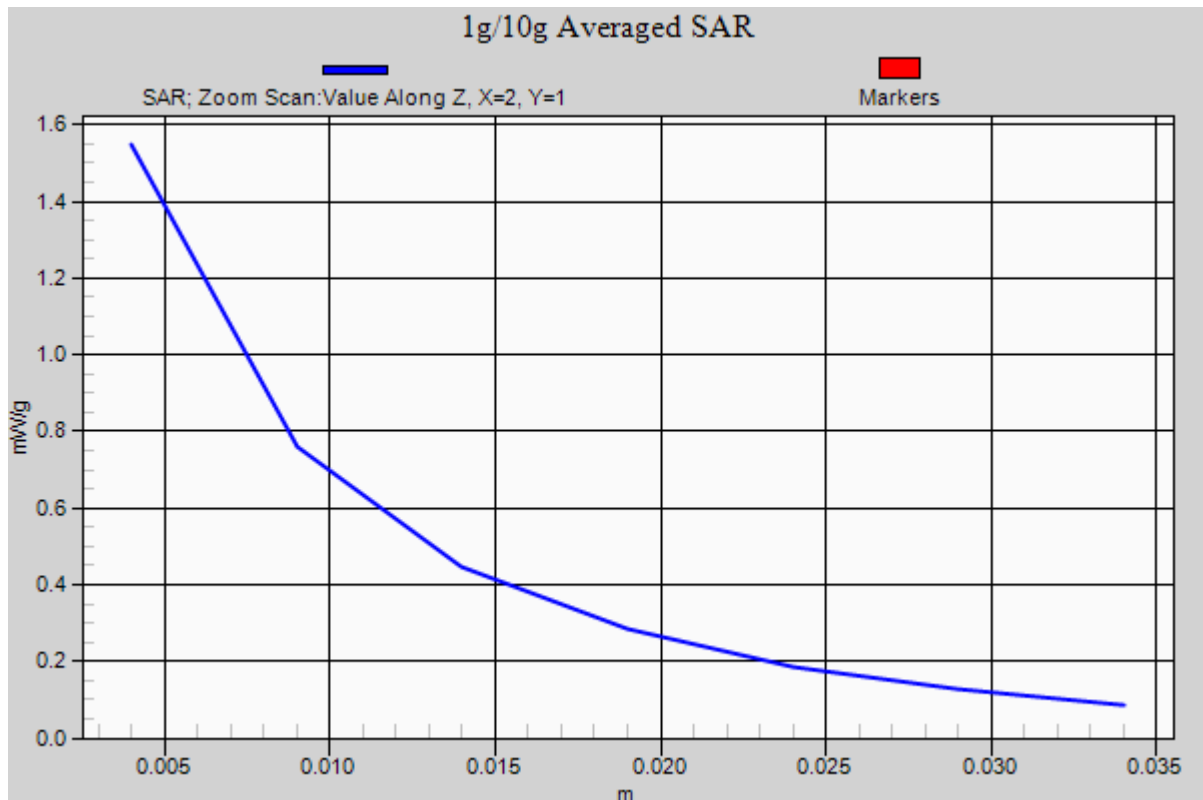
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 2.69 W/kg

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

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



#55 GSM1900_GPRS10_Bottom Face_1.1cm_Ch810

DUT: 240709

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

Medium: MSL_1900_120820 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 54.6$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

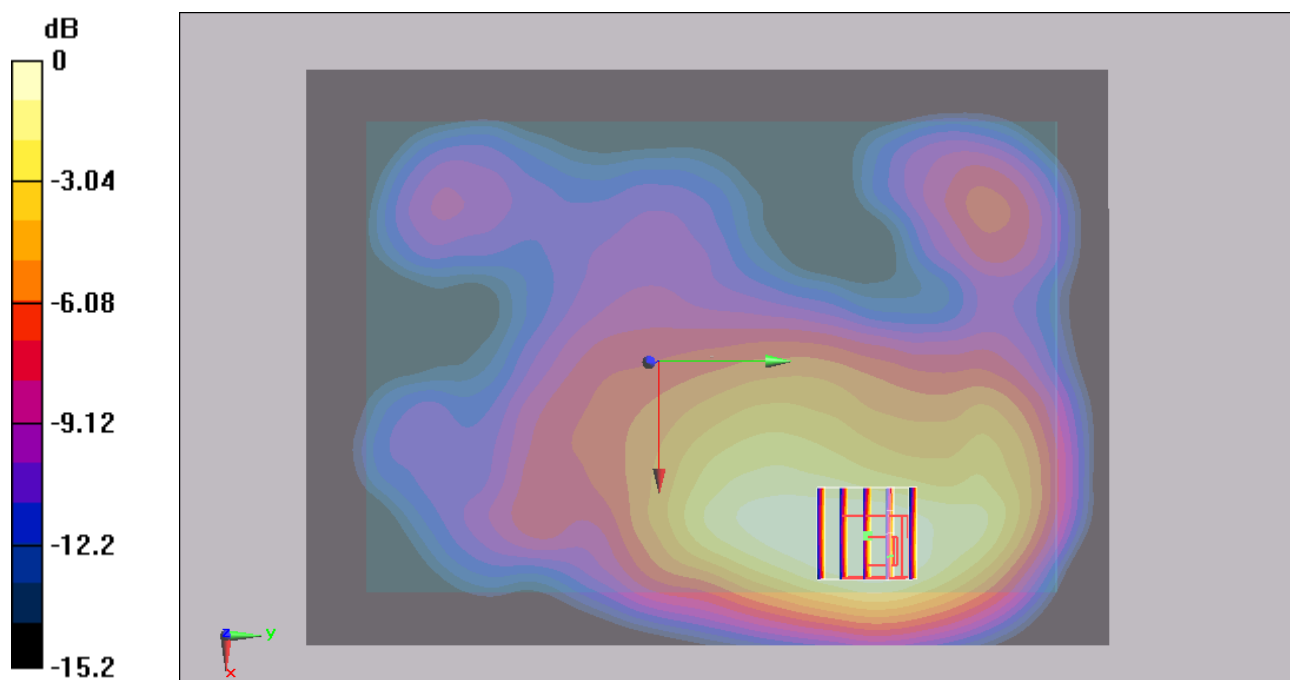
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 0.679 W/kg

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

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



0 dB = 0.466mW/g

#55 GSM1900_GPRS10_Bottom Face_1.1cm_Ch810_2D**DUT: 240709**

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

Medium: MSL_1900_120820 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

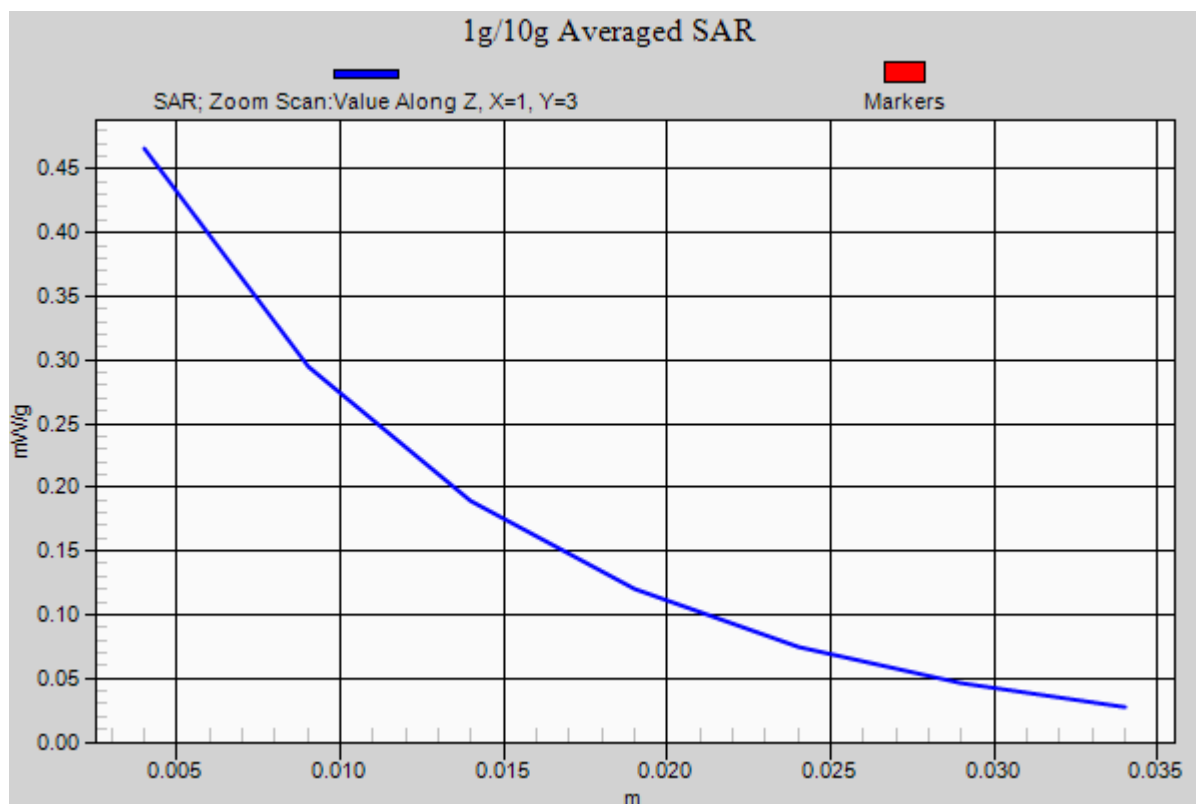
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 0.679 W/kg

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

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



#56 GSM1900_GPRS10_Edge 1_0.9cm_Ch810

DUT: 240709

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

Medium: MSL_1900_120820 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 54.6$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

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

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

Peak SAR (extrapolated) = 0.651 W/kg

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

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

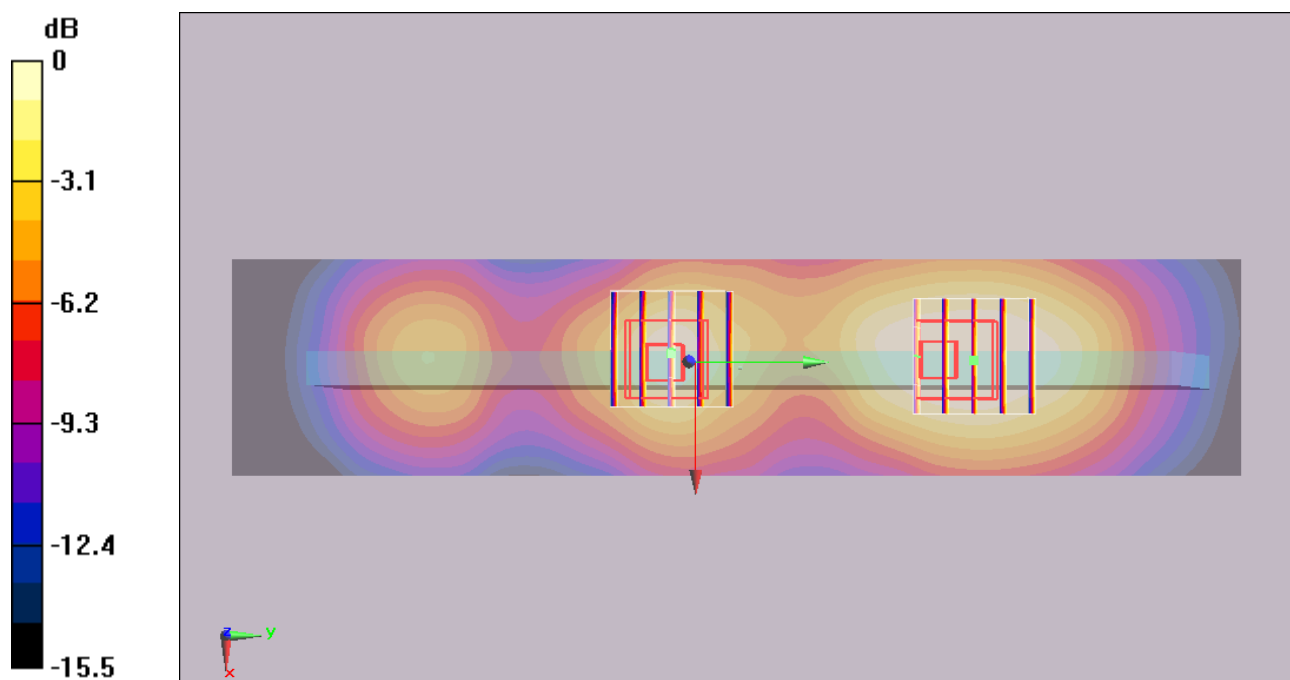
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 0.580 W/kg

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

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



#57 GSM1900_GPRS10_Edge 2_0.9cm_Ch810

DUT: 240709

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

Medium: MSL_1900_120820 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 54.6$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

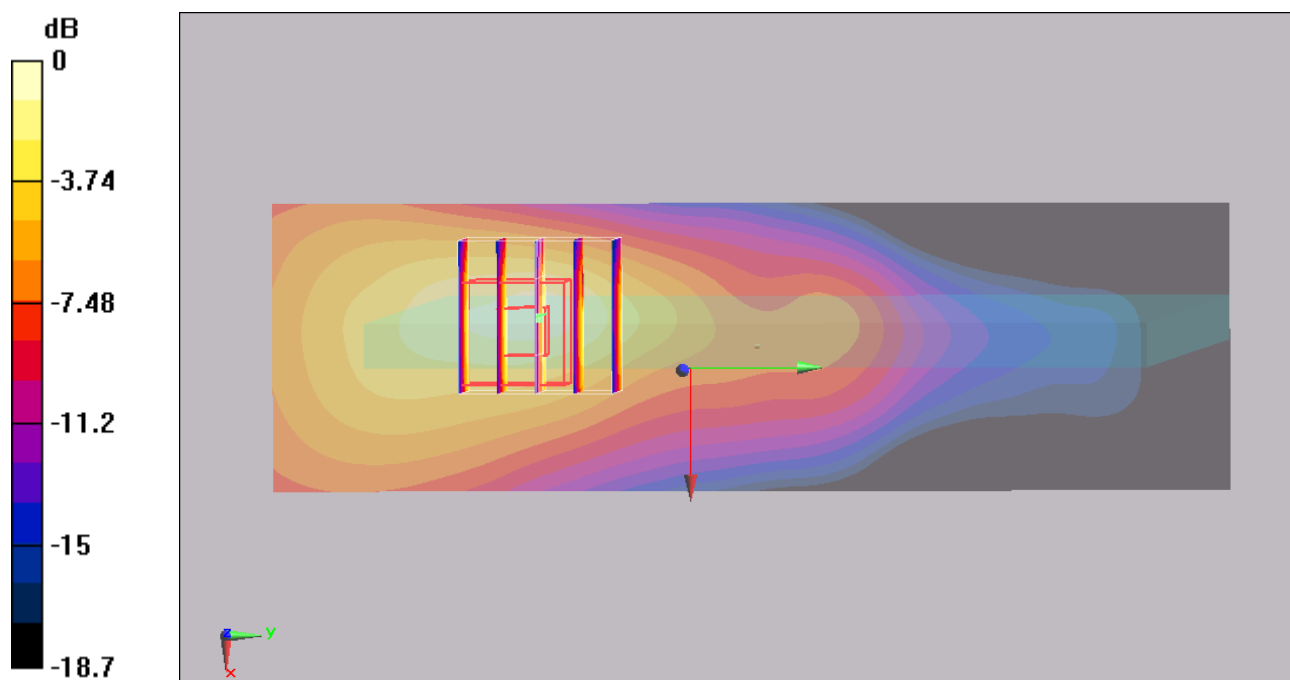
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 0.732 W/kg

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

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



#99 GSM1900_GPRS10_Bottom Face_0cm_Ch810**DUT: 240709**

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

Medium: MSL_1900_120725 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.581$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

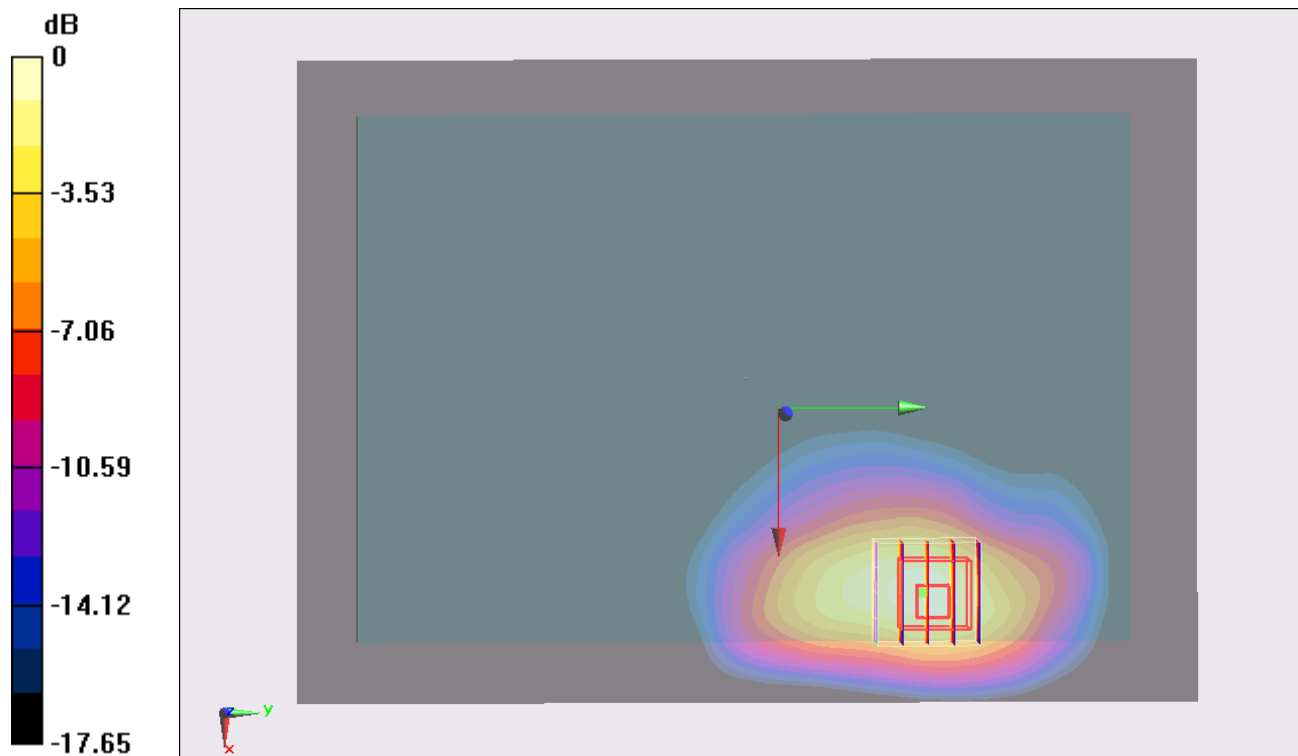
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.425 mW/g

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

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



0 dB = 0.905 mW/g = -0.87 dB mW/g

#97 GSM1900_GPRS10_Bottom Face_0cm_Ch512**DUT: 240709**

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

Medium: MSL_1900_120725 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r = 53.853$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

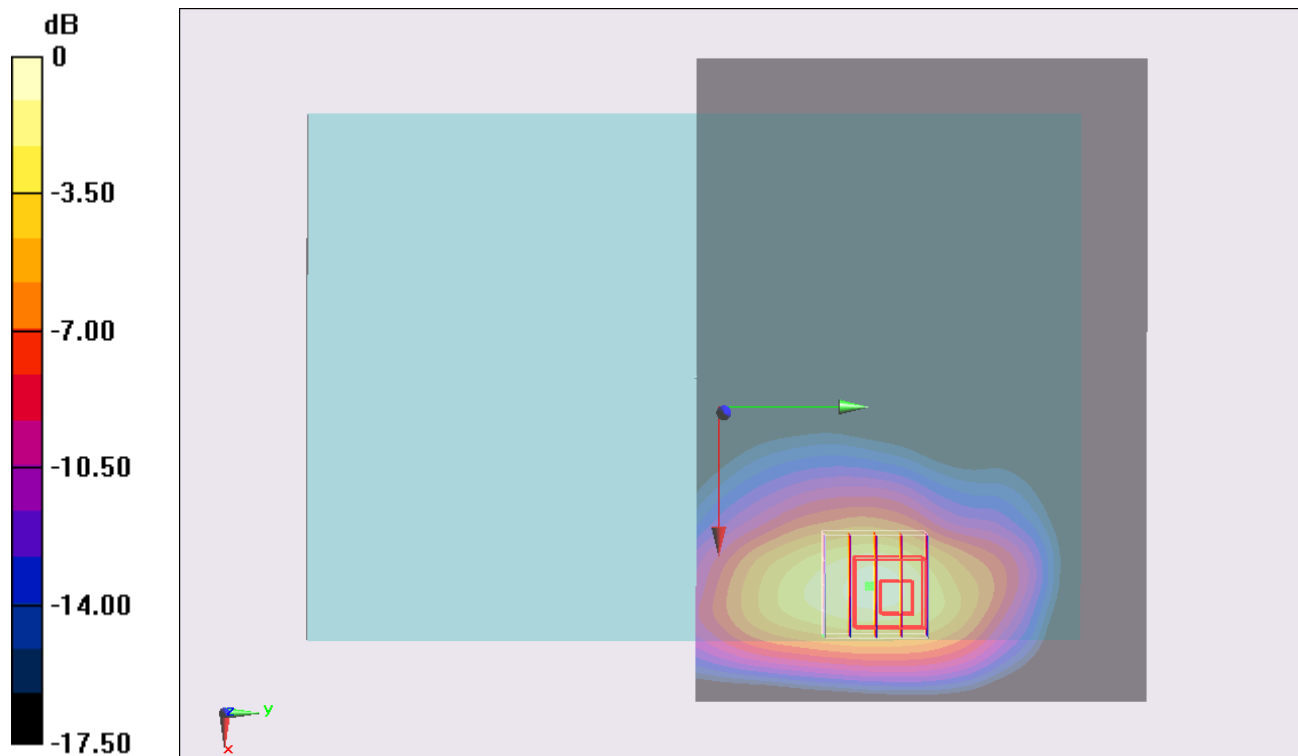
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.954 mW/g

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

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



0 dB = 1.15 mW/g = 1.21 dB mW/g

#97 GSM1900_GPRS10_Bottom Face_0cm_Ch512_2D**DUT: 240709**

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

Medium: MSL_1900_120725 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r = 53.853$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

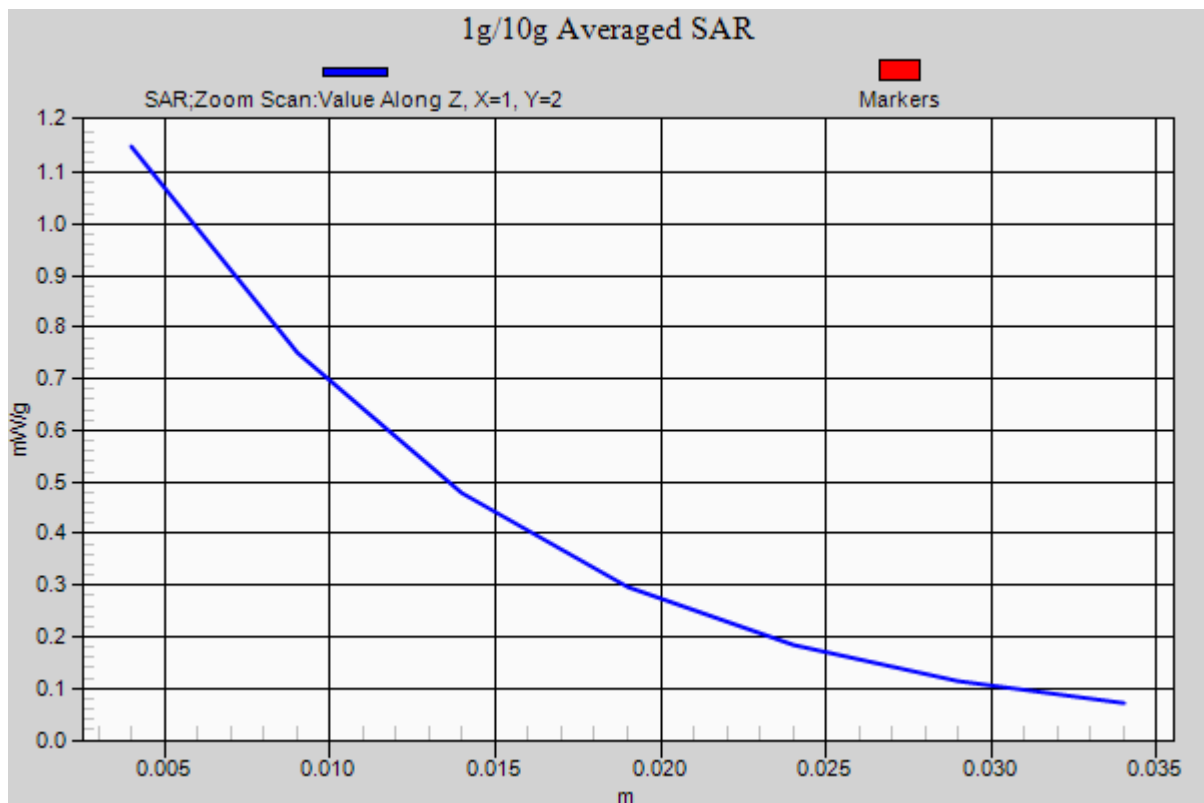
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.954 mW/g

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

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



#98 GSM1900_GPRS10_Bottom Face_0cm_Ch661**DUT: 240709**

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

Medium: MSL_1900_120725 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.744$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

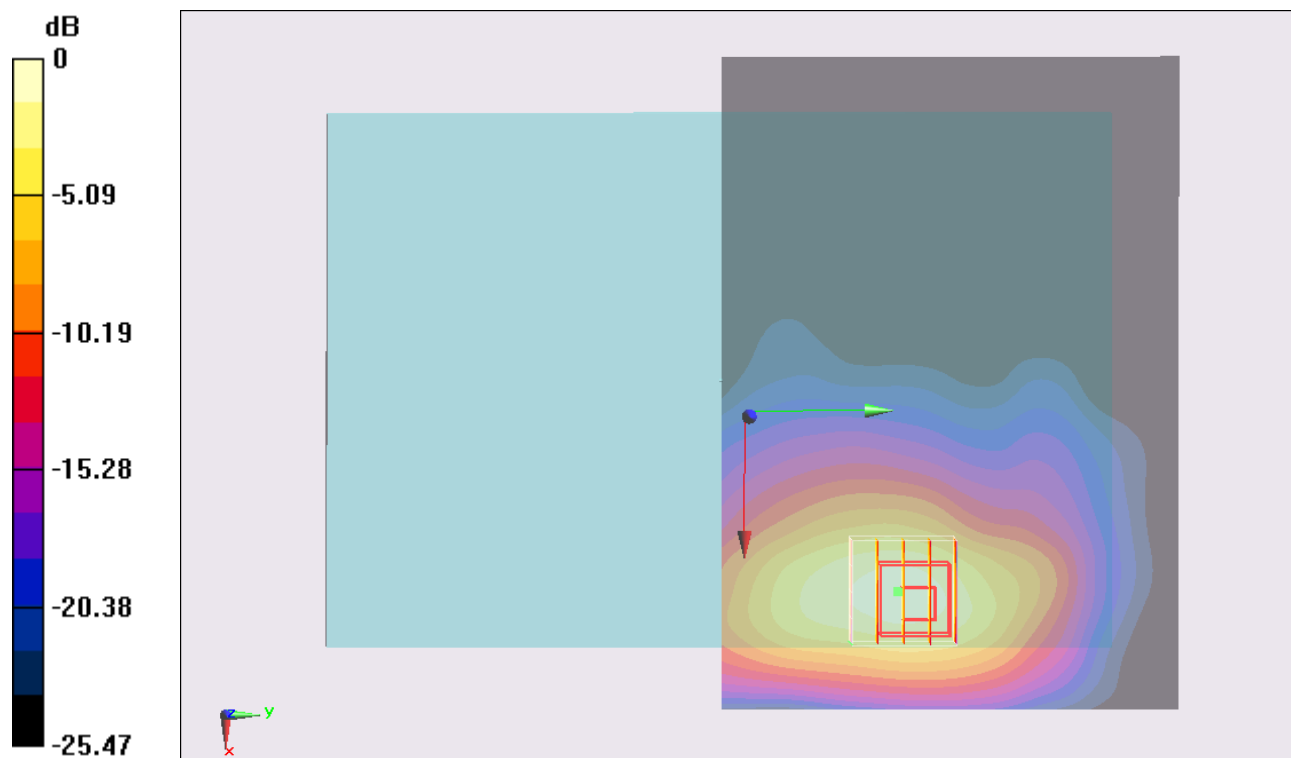
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.579 mW/g

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

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



#100 GSM1900_GPRS10_Edge 1_0cm_Ch810**DUT: 240709**

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

Medium: MSL_1900_120725 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.581$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

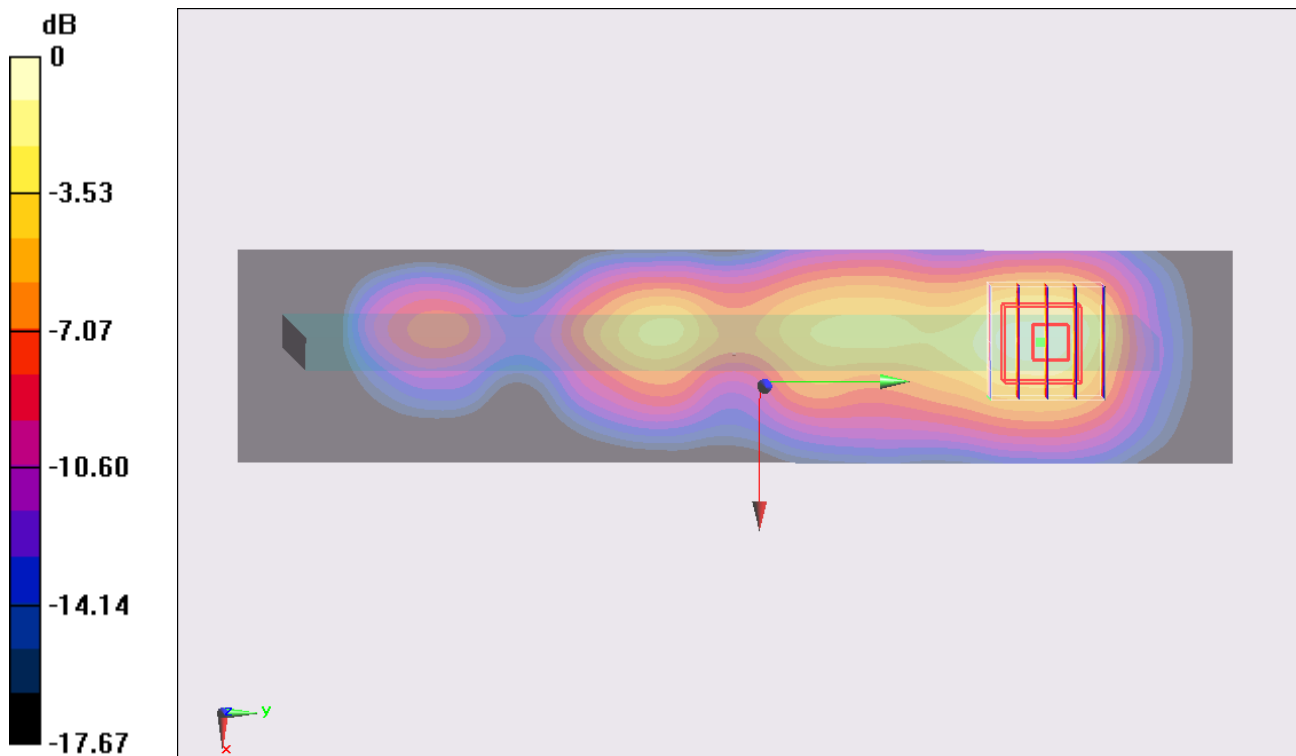
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 0.718 mW/g

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

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



0 dB = 0.490 mW/g = -6.20 dB mW/g

#109 GSM1900_GPRS10_Curved surface of Edge 1_Bottom Face tilted

0cm_Ch810

DUT: 240709

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

Medium: MSL_1900_120816 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.9$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

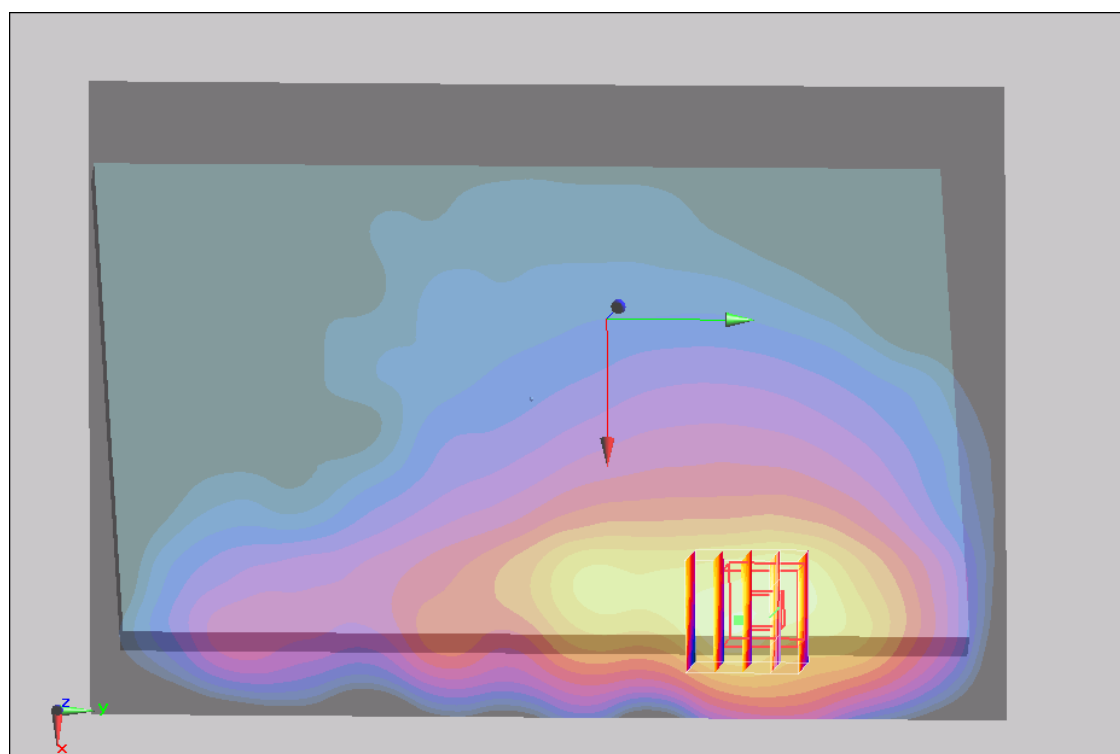
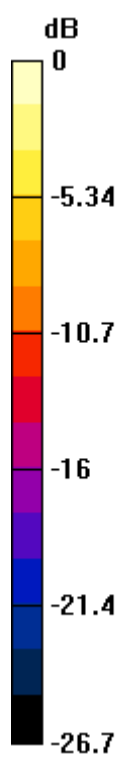
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.93 W/kg

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

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



0 dB = 1.18mW/g

#121 GSM1900_GPRS10_Curved surface of Edge 1_Bottom Face tilted

0cm_Ch512

DUT: 240709

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

Medium: MSL_1900_120821 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 52.2$;

$\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

Ch512/Area Scan (51x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

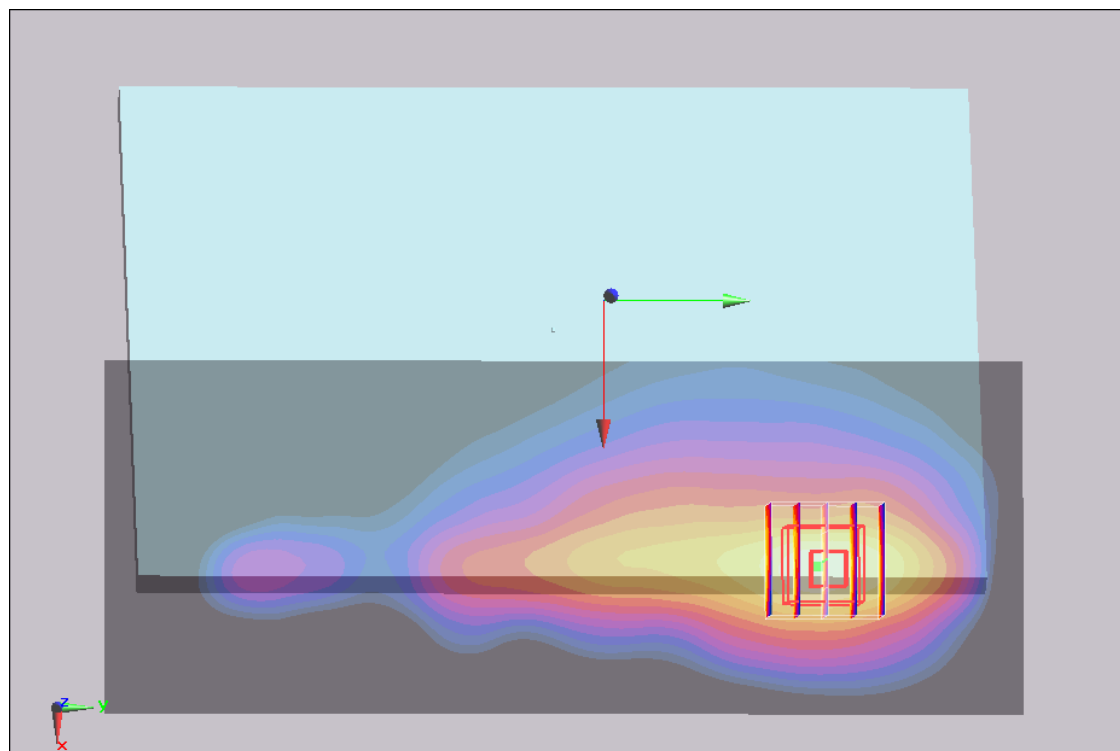
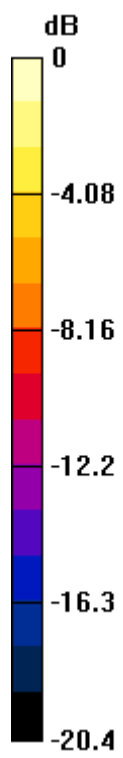
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 2.03 W/kg

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

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



0 dB = 1.32mW/g

#121 GSM1900_GPRS10_Curved surface of Edge 1_Bottom Face tilted

0cm_Ch512_2D

DUT: 240709

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

Medium: MSL_1900_120820 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 52.2$;

$\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

Ch512/Area Scan (51x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

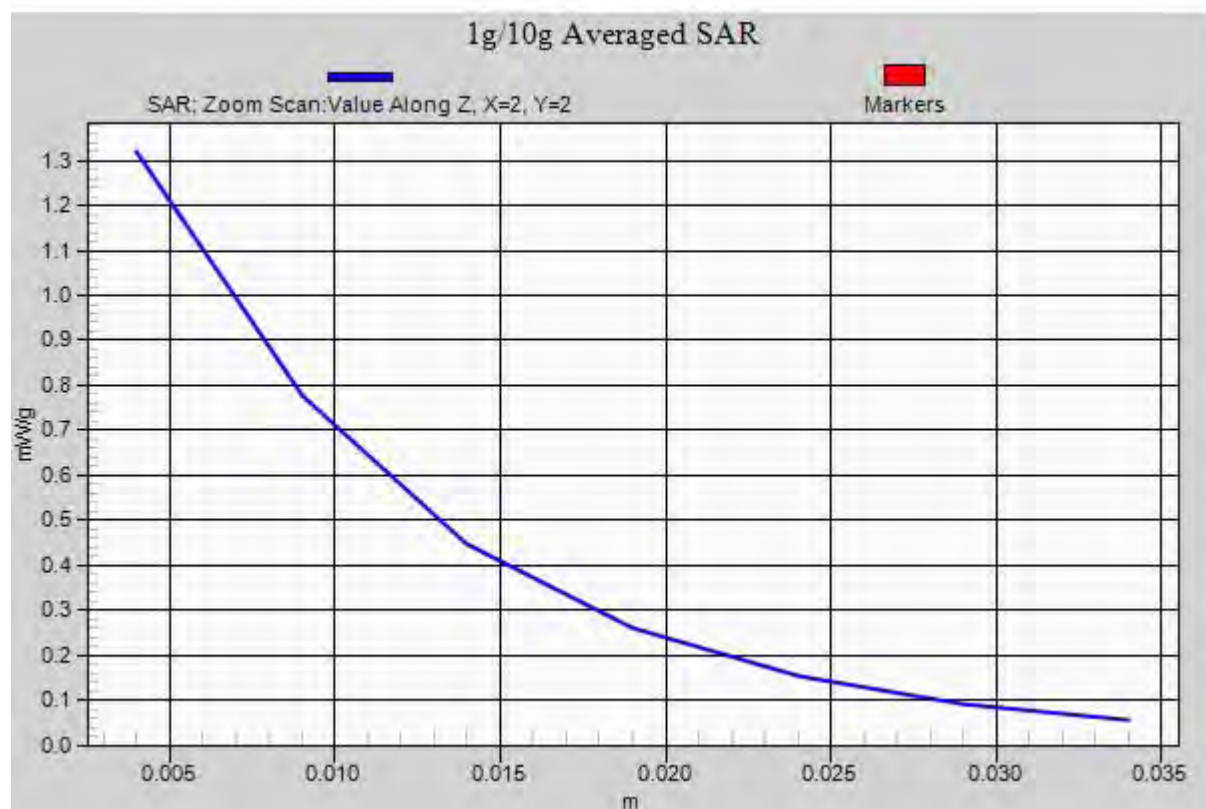
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 2.03 W/kg

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

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



#108 GSM1900_GPRS10_Curved surface of Edge 1_Bottom Face tilted

0cm_Ch661

DUT: 240709

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

Medium: MSL_1900_120816 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

Ch661/Area Scan (51x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

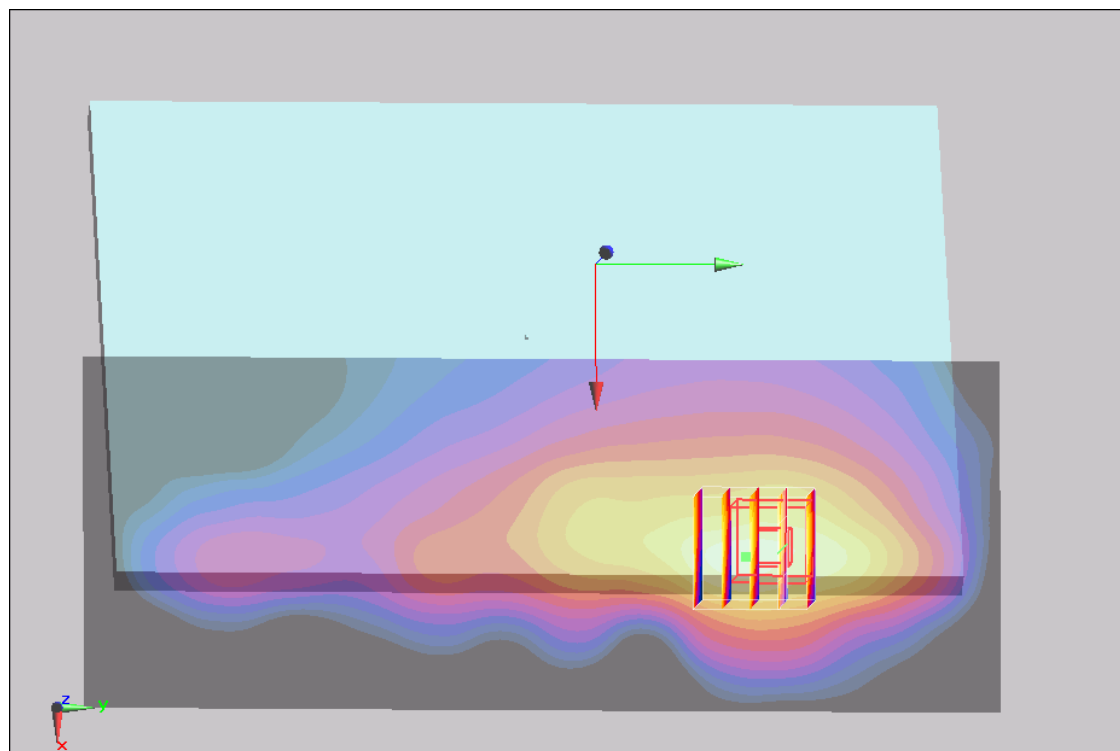
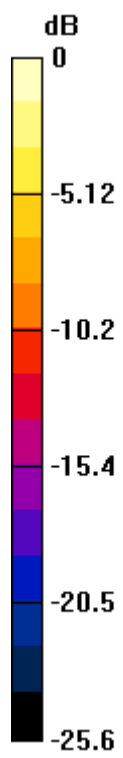
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 2.05 W/kg

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

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



0 dB = 1.27mW/g

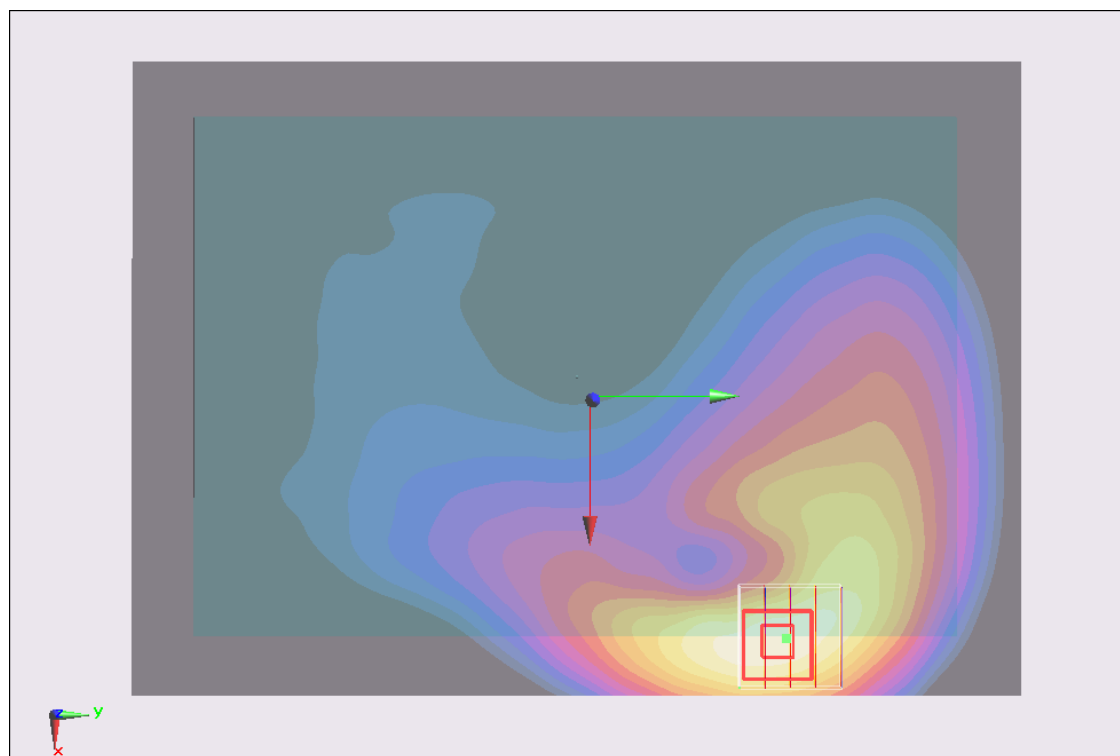
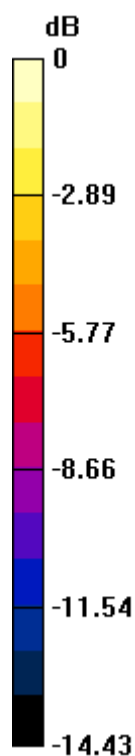
#34 WCDMA V_RMC12.2K_Bottom Face_1.1cm_Ch4233**DUT: 240709**

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

Medium: MSL_850_120724 Medium parameters used: $f = 847$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 54.247$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.3°C ; Liquid Temperature : 21.3°C

DASY5 Configuration:

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

Ch4233/Area Scan (101x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.538 mW/g **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 4.821 V/m ; Power Drift = 0.03 dB Peak SAR (extrapolated) = 0.767 mW/g **SAR(1 g) = 0.514 mW/g ; SAR(10 g) = 0.318 mW/g** Maximum value of SAR (measured) = 0.567 mW/g  $0 \text{ dB} = 0.567 \text{ mW/g} = -4.93 \text{ dB mW/g}$

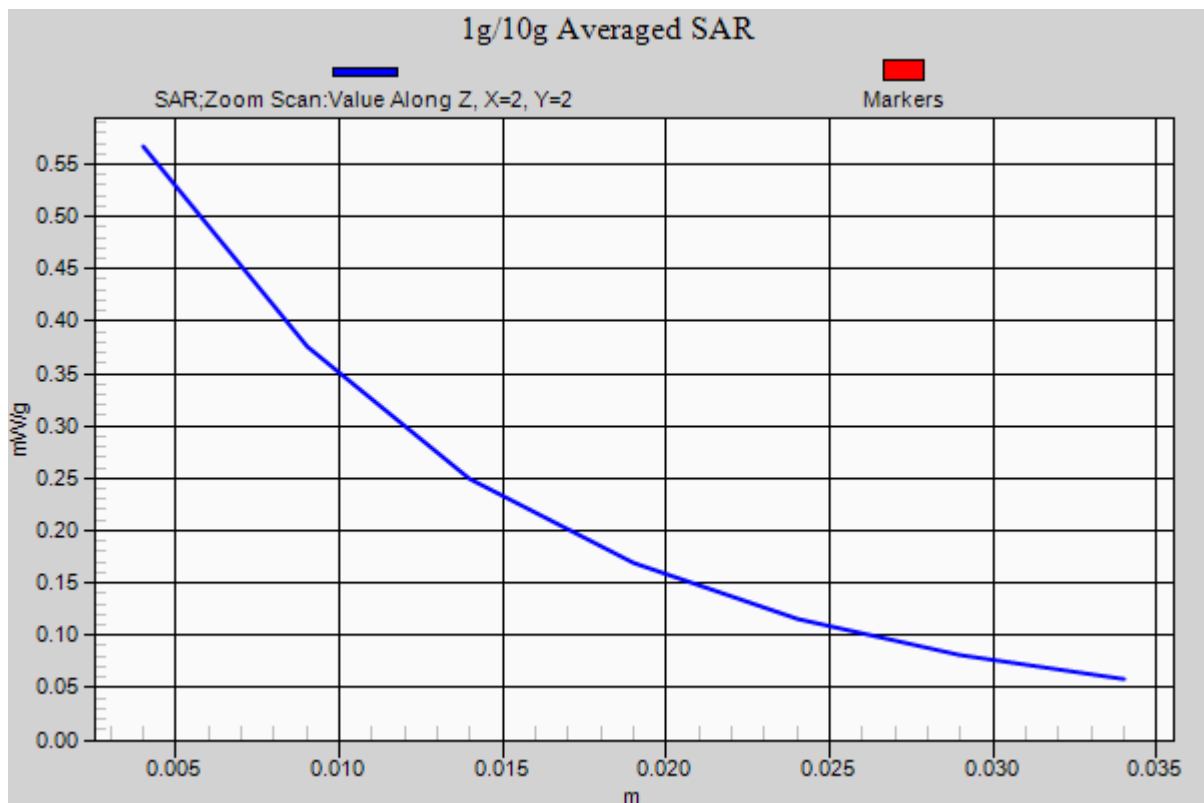
#34 WCDMA V_RMC12.2K_Bottom Face_1.1cm_Ch4233_2D**DUT: 240709**

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

Medium: MSL_850_120724 Medium parameters used: $f = 847$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 54.247$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.3°C ; Liquid Temperature : 21.3°C

DASY5 Configuration:

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

Ch4233/Area Scan (101x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.538 mW/g **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 4.821 V/m ; Power Drift = 0.03 dB Peak SAR (extrapolated) = 0.767 mW/g **SAR(1 g) = 0.514 mW/g ; SAR(10 g) = 0.318 mW/g** Maximum value of SAR (measured) = 0.567 mW/g 

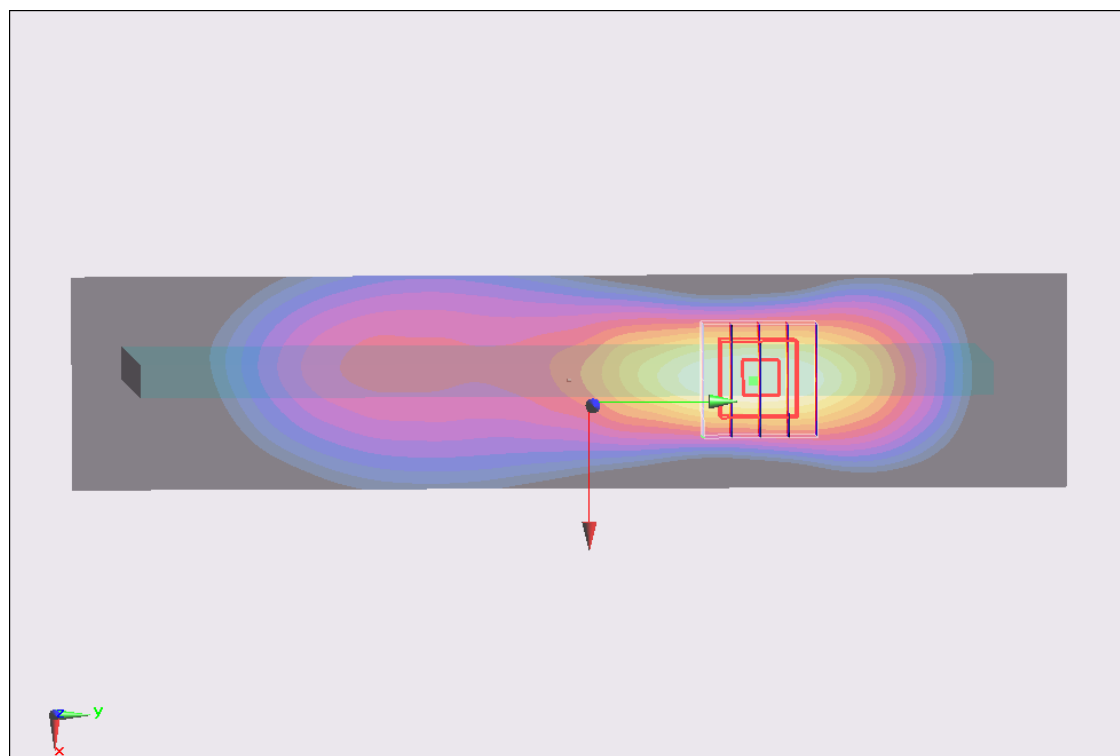
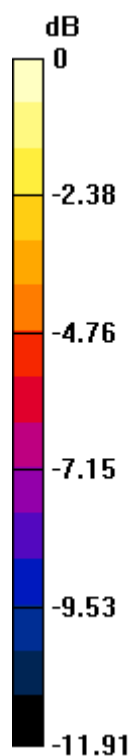
#35 WCDMA V_RMC12.2K_Edge 1_0.9cm_Ch4233**DUT: 240709**

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

Medium: MSL_850_120724 Medium parameters used: $f = 847$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 54.247$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.3°C ; Liquid Temperature : 21.3°C

DASY5 Configuration:

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

Ch4233/Area Scan (31x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.597 mW/g **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 13.289 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 0.704 mW/g **SAR(1 g) = 0.467 mW/g ; SAR(10 g) = 0.283 mW/g** Maximum value of SAR (measured) = 0.513 mW/g  $0 \text{ dB} = 0.513 \text{ mW/g} = -5.80 \text{ dB mW/g}$

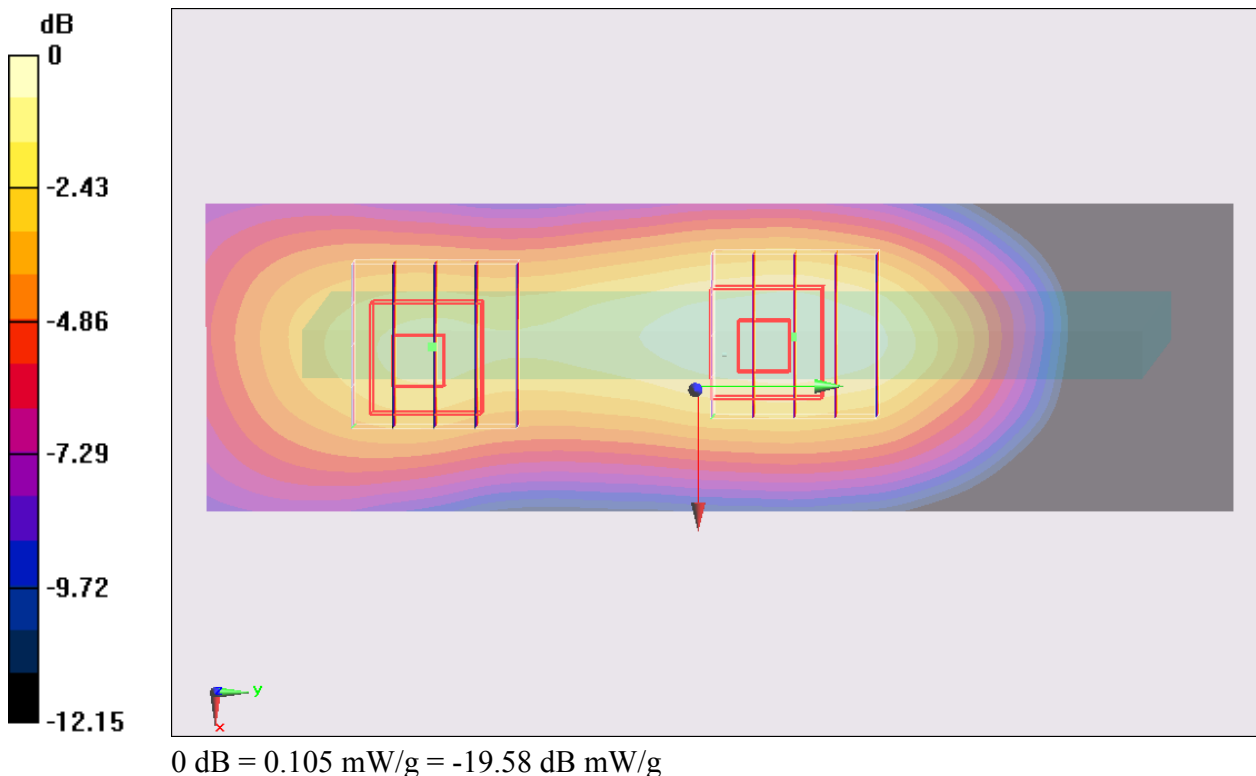
#36 WCDMA V_RMC12.2K_Edge 2_0cm_Ch4233**DUT: 240709**

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

Medium: MSL_850_120724 Medium parameters used: $f = 847$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 54.247$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.3°C ; Liquid Temperature : 21.3°C

DASY5 Configuration:

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

Ch4233/Area Scan (31x101x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.109 mW/g **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 11.053 V/m ; Power Drift = -0.08 dB Peak SAR (extrapolated) = 0.160 mW/g **SAR(1 g) = 0.105 mW/g ; SAR(10 g) = 0.067 mW/g** Maximum value of SAR (measured) = 0.111 mW/g **Ch4233/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 11.053 V/m ; Power Drift = -0.08 dB Peak SAR (extrapolated) = 0.208 mW/g **SAR(1 g) = 0.102 mW/g ; SAR(10 g) = 0.057 mW/g** Maximum value of SAR (measured) = 0.105 mW/g 

#05 WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4132

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 55.4$;

$\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

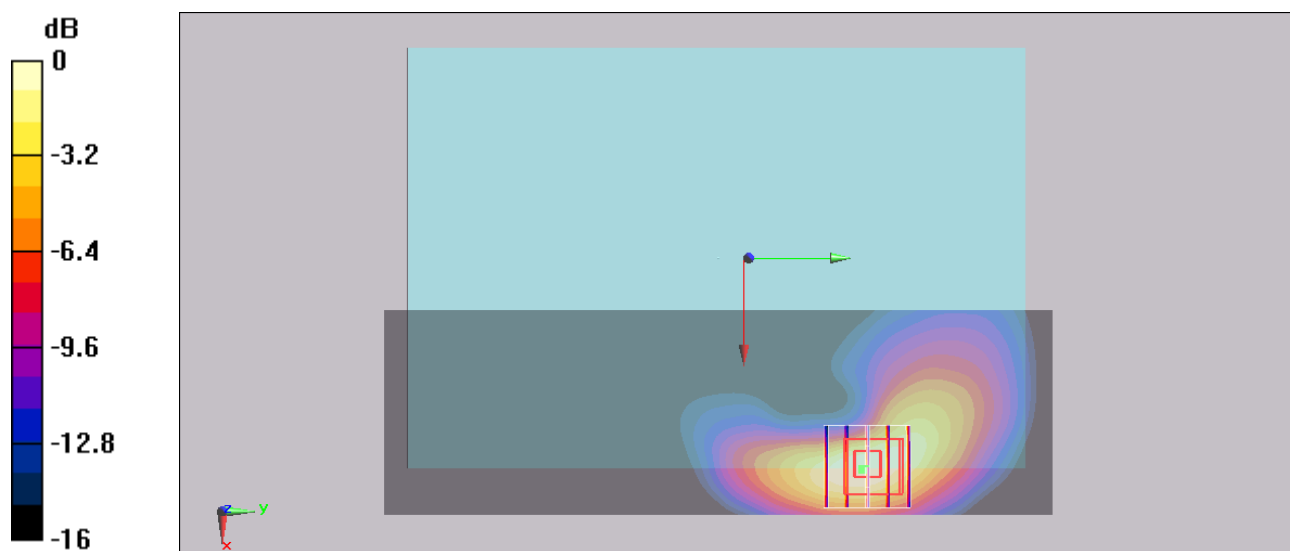
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.52 W/kg

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

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



#06 WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4182

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 55.4$;

$\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

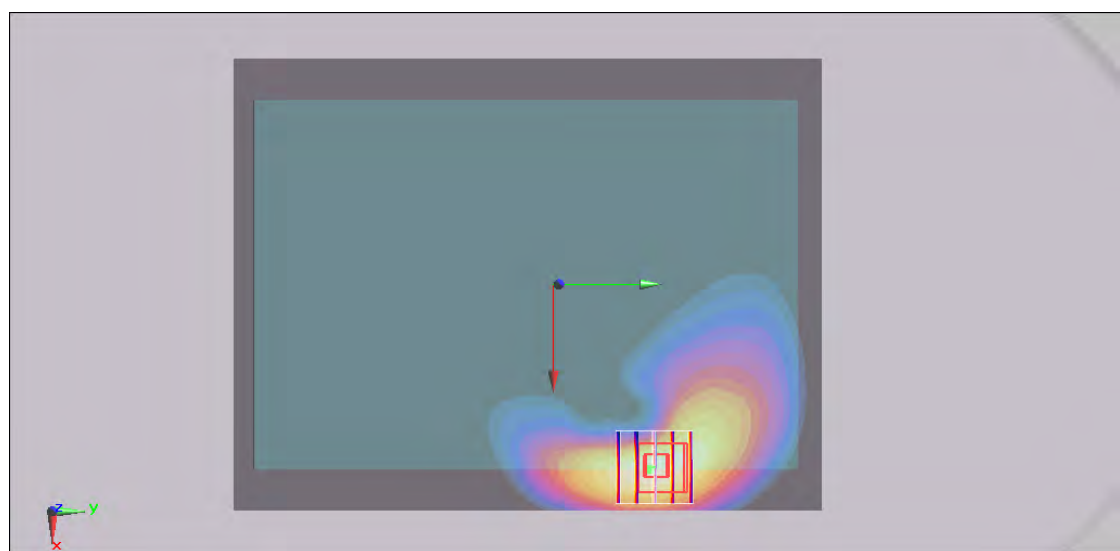
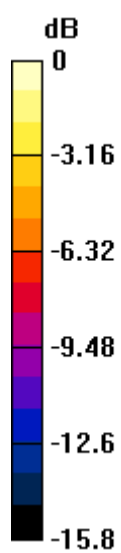
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.21 W/kg

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

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



0 dB = 0.721mW/g

#07 WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4233

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

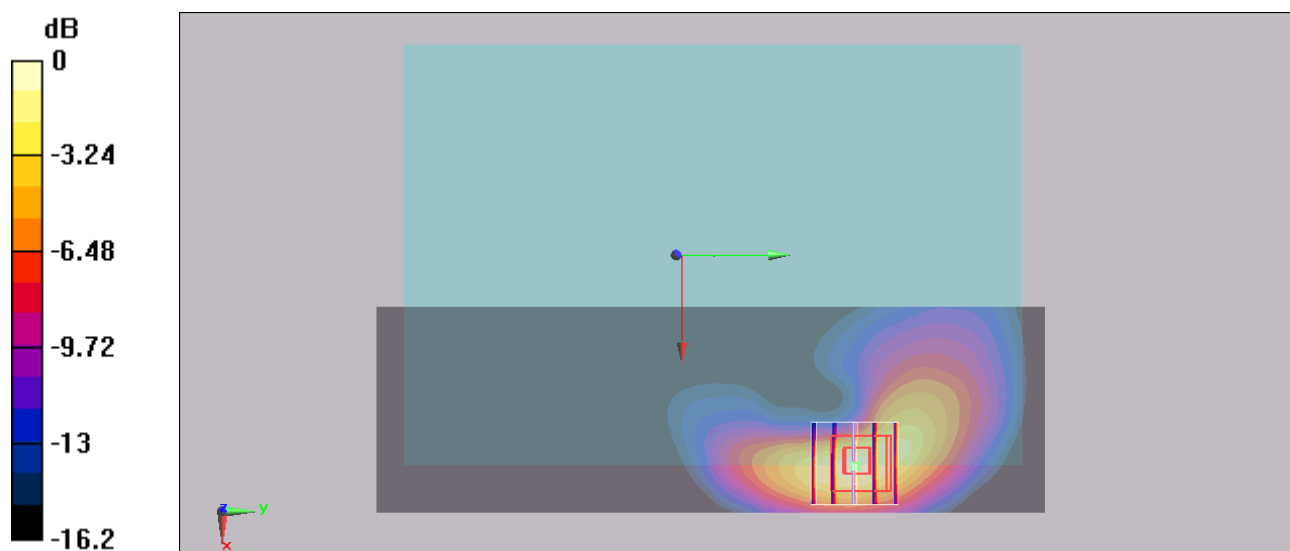
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.75 W/kg

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

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



#07 WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4233_2D**DUT: 240709**

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

Medium: MSL_850_120815 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

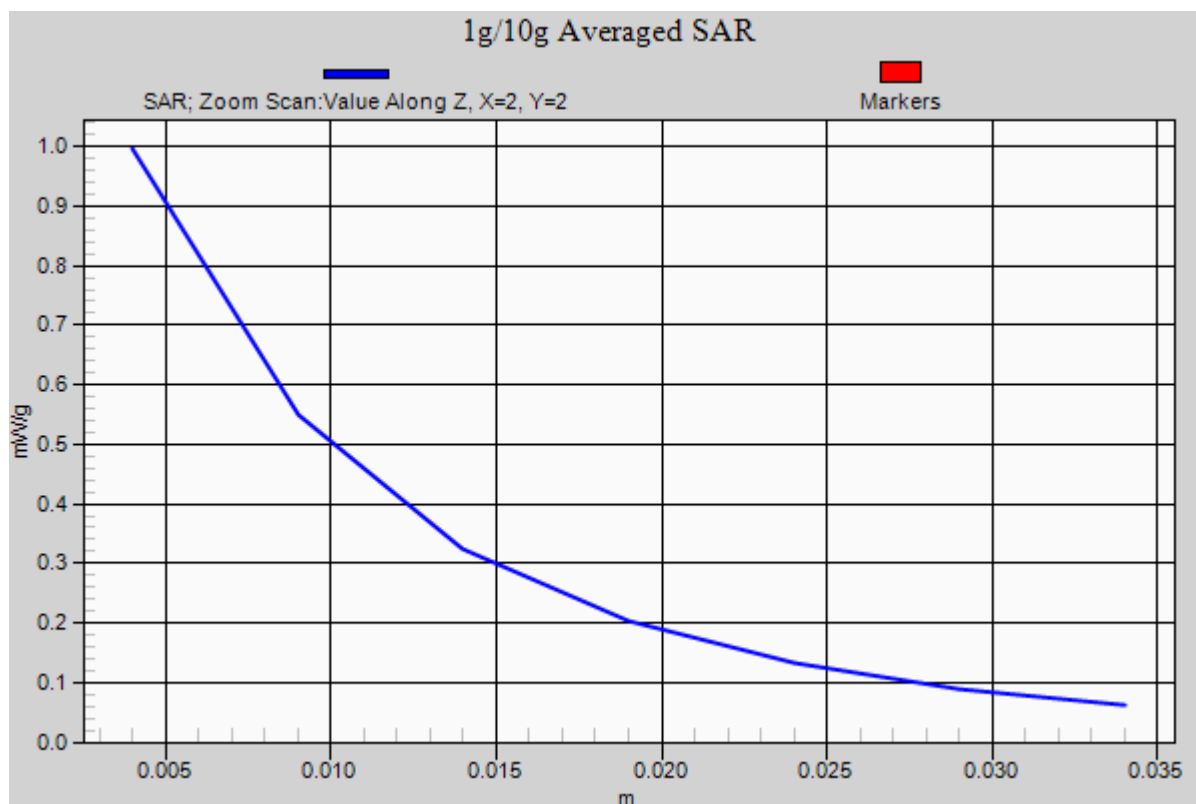
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.75 W/kg

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

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



#08 WCDMA V_RMC12.2K_Edge 1_0cm_Ch4132

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 55.4$;

$\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

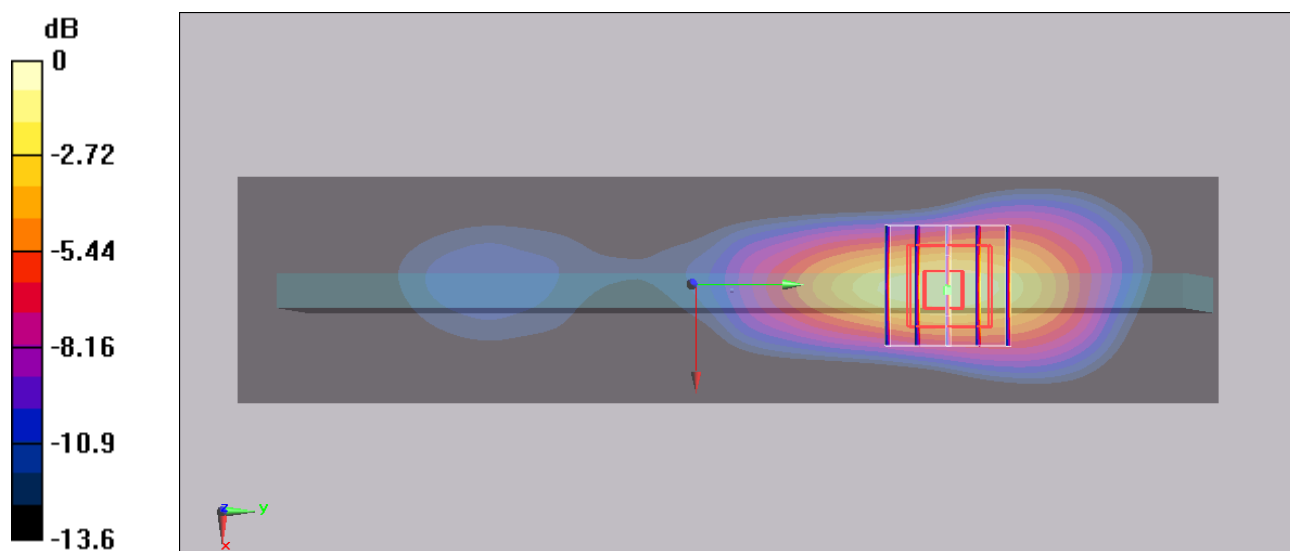
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.45 W/kg

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

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



0 dB = 0.892mW/g

#09 WCDMA V_RMC12.2K_Edge 1_0cm_Ch4182

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 55.4$;

$\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

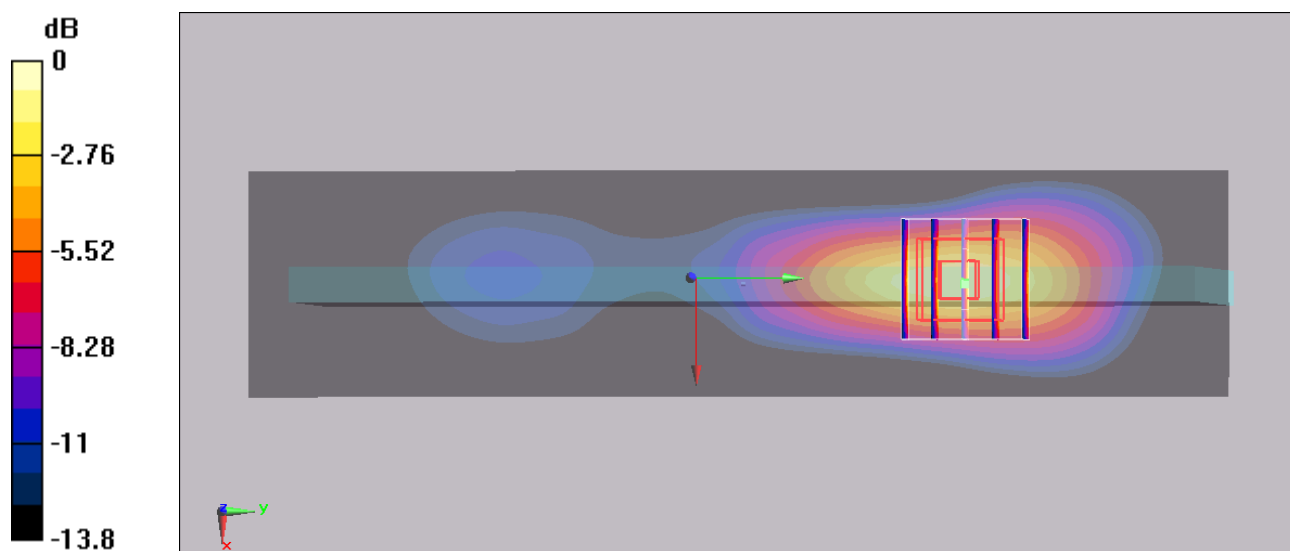
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.43 W/kg

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

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



0 dB = 0.879mW/g

#10 WCDMA V_RMC12.2K_Edge 1_0cm_Ch4233

DUT: 240709

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

Medium: MSL_850_120815 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

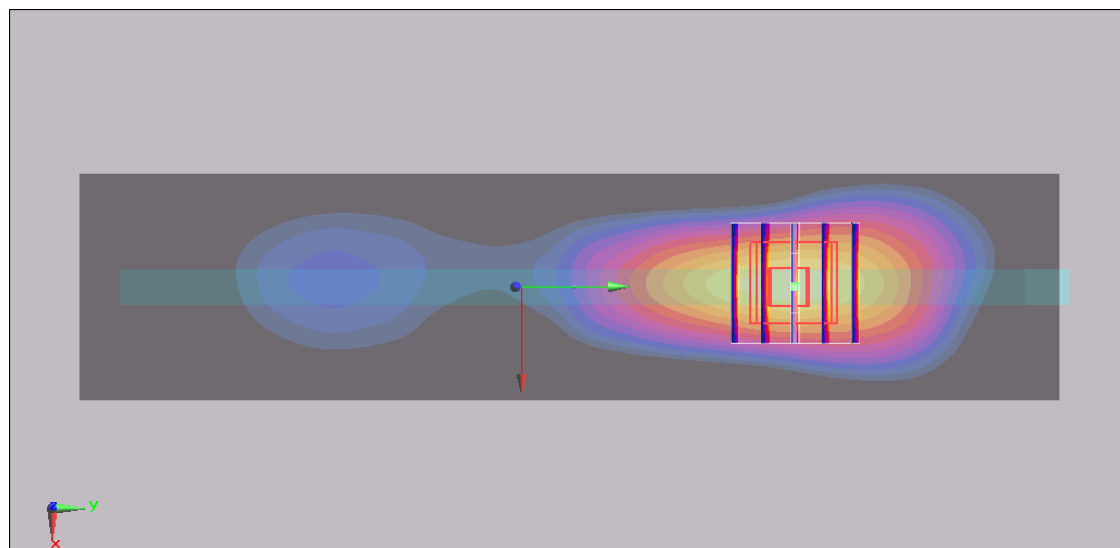
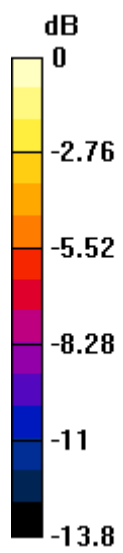
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.59 W/kg

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

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



0 dB = 0.982mW/g

**#103 WCDMA V_RMC12.2K_Curved surface of Edge 1_Bottom Face tilted
0cm_Ch4132**

DUT: 240709

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

Medium: MSL_850 Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.988 \text{ mho/m}$; $\epsilon_r = 55.4$; $\rho = 1000 \text{ kg/m}^3$

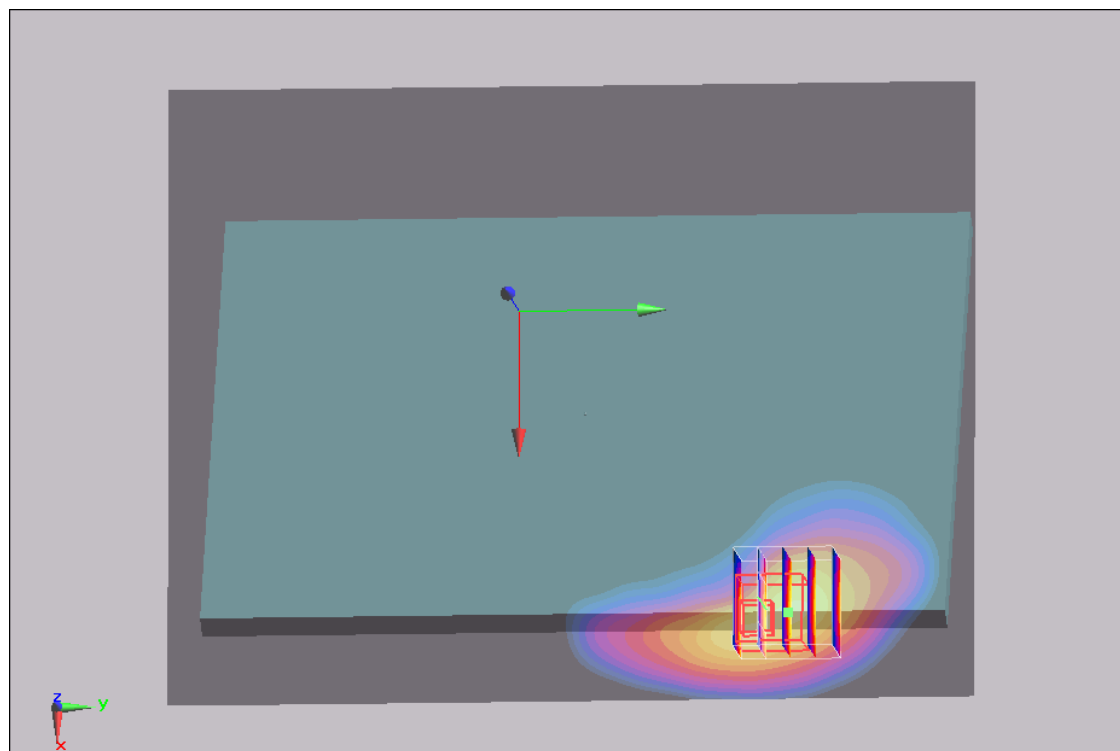
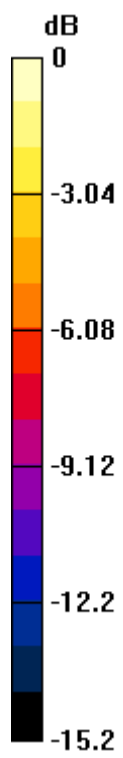
Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

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

Ch4132/Area Scan (101x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.936 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 1.09 V/m ; Power Drift = 0.158 dB
Peak SAR (extrapolated) = 2.64 W/kg
SAR(1 g) = 1.21 mW/g ; SAR(10 g) = 0.584 mW/g
Maximum value of SAR (measured) = 1.38 mW/g



0 dB = 1.38mW/g

**#104 WCDMA V_RMC12.2K_Curved surface of Edge 1_Bottom Face tilted
0cm_Ch4182**

DUT: 240709

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

Medium: MSL_850 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.998 \text{ mho/m}$; $\epsilon_r = 55.4$; $\rho = 1000 \text{ kg/m}^3$

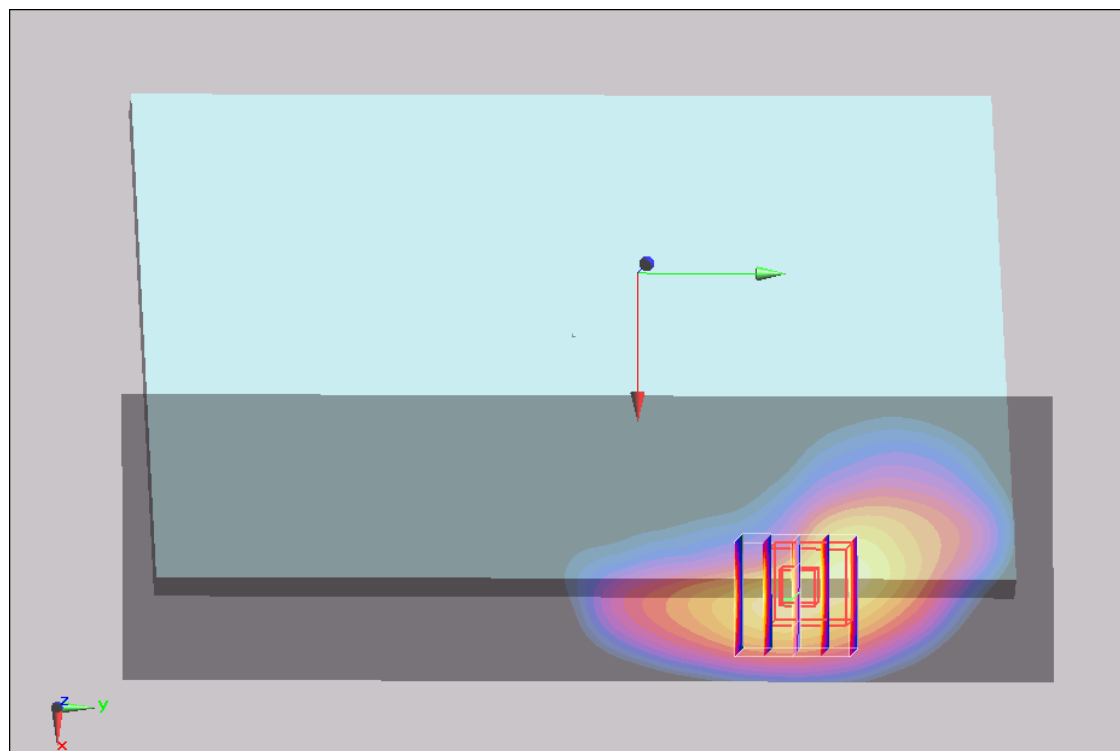
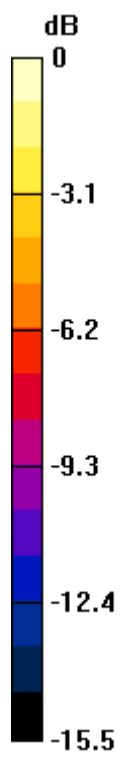
Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

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

Ch4182/Area Scan (41x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.837 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 0.996 V/m ; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 2.41 W/kg
SAR(1 g) = 1.11 mW/g ; SAR(10 g) = 0.549 mW/g
Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11mW/g

**#105 WCDMA V_RMC12.2K_Curved surface of Edge 1_Bottom Face tilted
0cm_Ch4233**

DUT: 240709

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

Medium: MSL_850 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$

kg/m³

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

DASY5 Configuration:

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

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

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

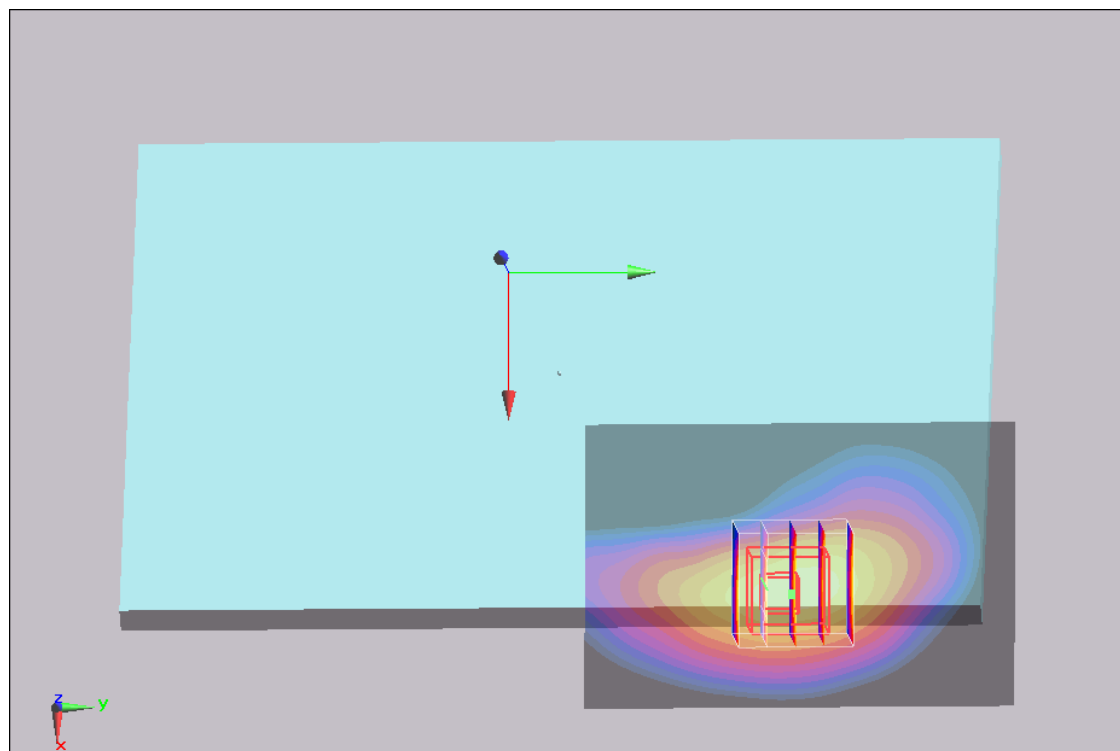
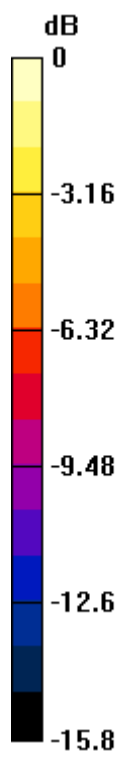
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 2.51 W/kg

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

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



0 dB = 1.42mW/g

#105 WCDMA V_RMC12.2K_Curved surface of Edge 1_Bottom Face tilted**0cm_Ch4233_2D****DUT: 240709**

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

Medium: MSL_850 Medium parameters used: $f = 847$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

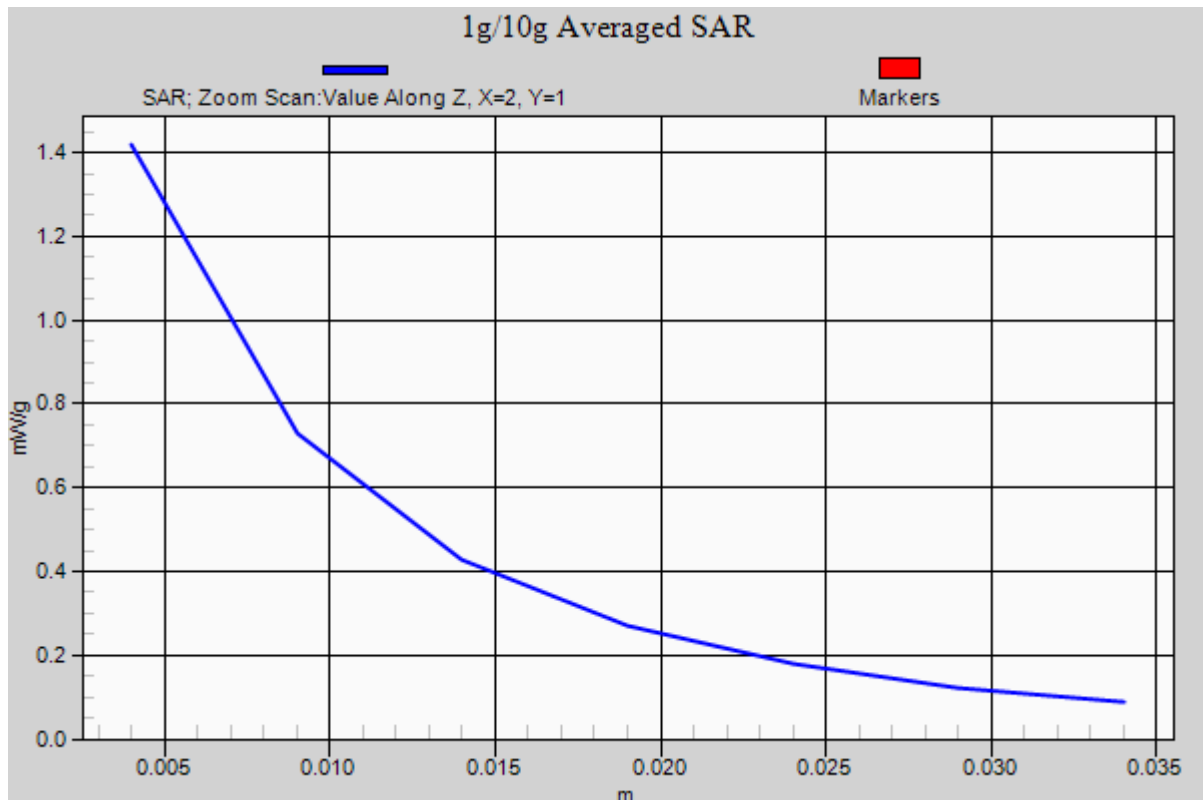
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 2.51 W/kg

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

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



#58 WCDMA II_RMC12.2K_Bottom Face_1.1cm_Ch9262**DUT: 240709**

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

Medium: MSL_1900_120725 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.478$ mho/m; $\epsilon_r = 53.849$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

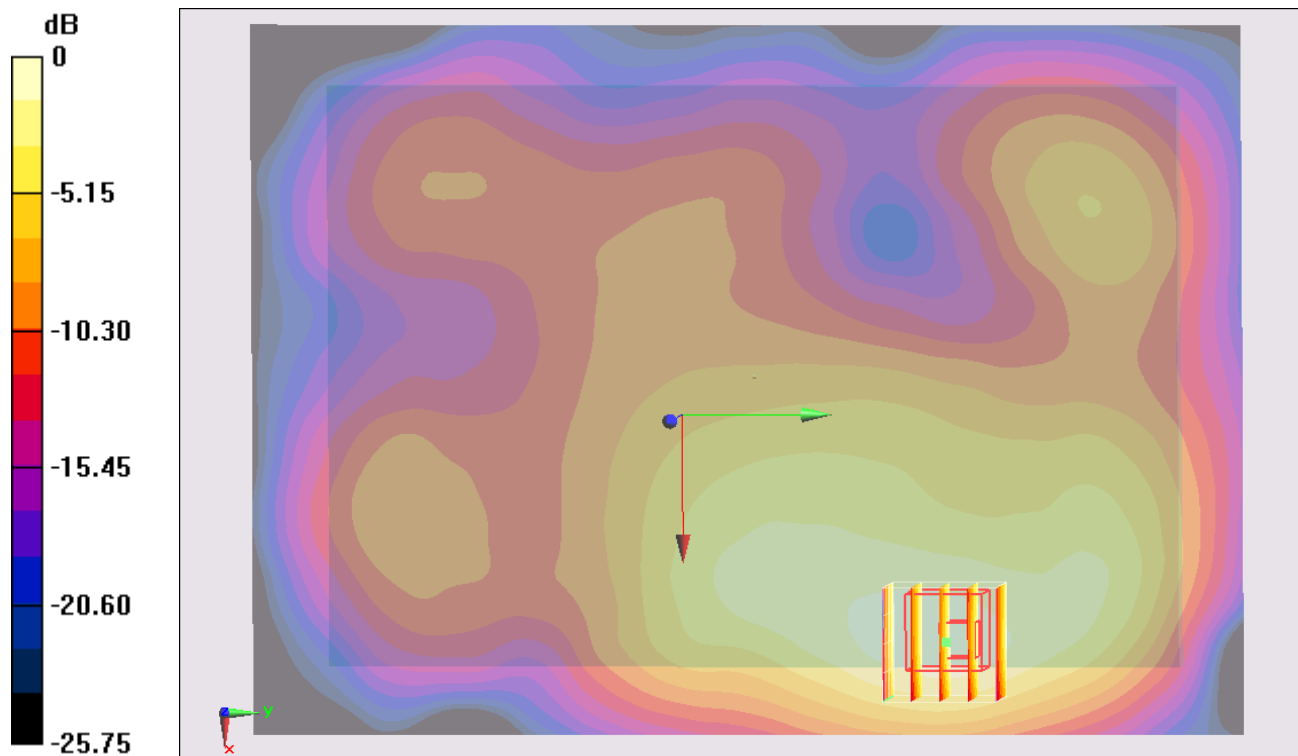
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 0.747 mW/g

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

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



0 dB = 0.545 mW/g = -5.27 dB mW/g

#58 WCDMA II_RMC12.2K_Bottom Face_1.1cm_Ch9262_2D**DUT: 240709**

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

Medium: MSL_1900_120725 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.478$ mho/m; $\epsilon_r = 53.849$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

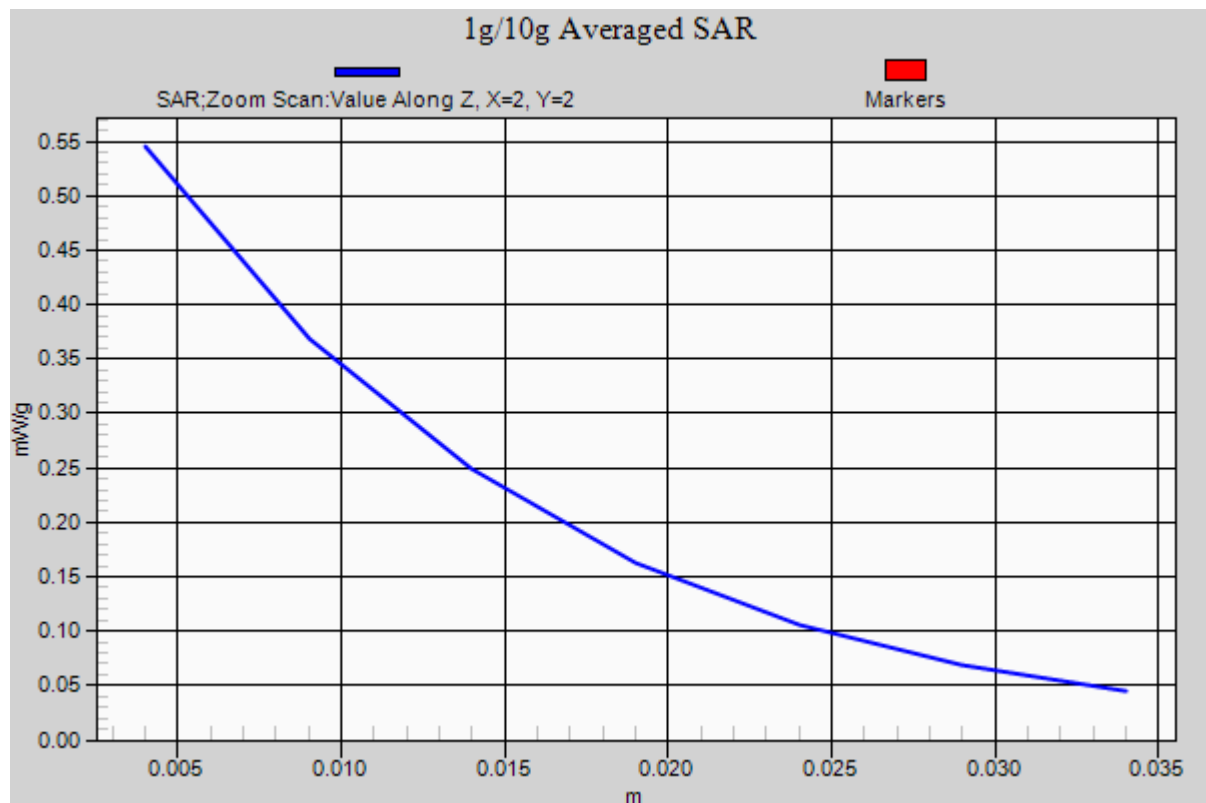
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 0.747 mW/g

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

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



#59 WCDMA II_RMC12.2K_Edge 1_0.9cm_Ch9262**DUT: 240709**

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

Medium: MSL_1900_120725 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.478$ mho/m; $\epsilon_r = 53.849$; $\rho =$ 1000 kg/m³

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

DASY5 Configuration:

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

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

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

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

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

Peak SAR (extrapolated) = 0.737 mW/g

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

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

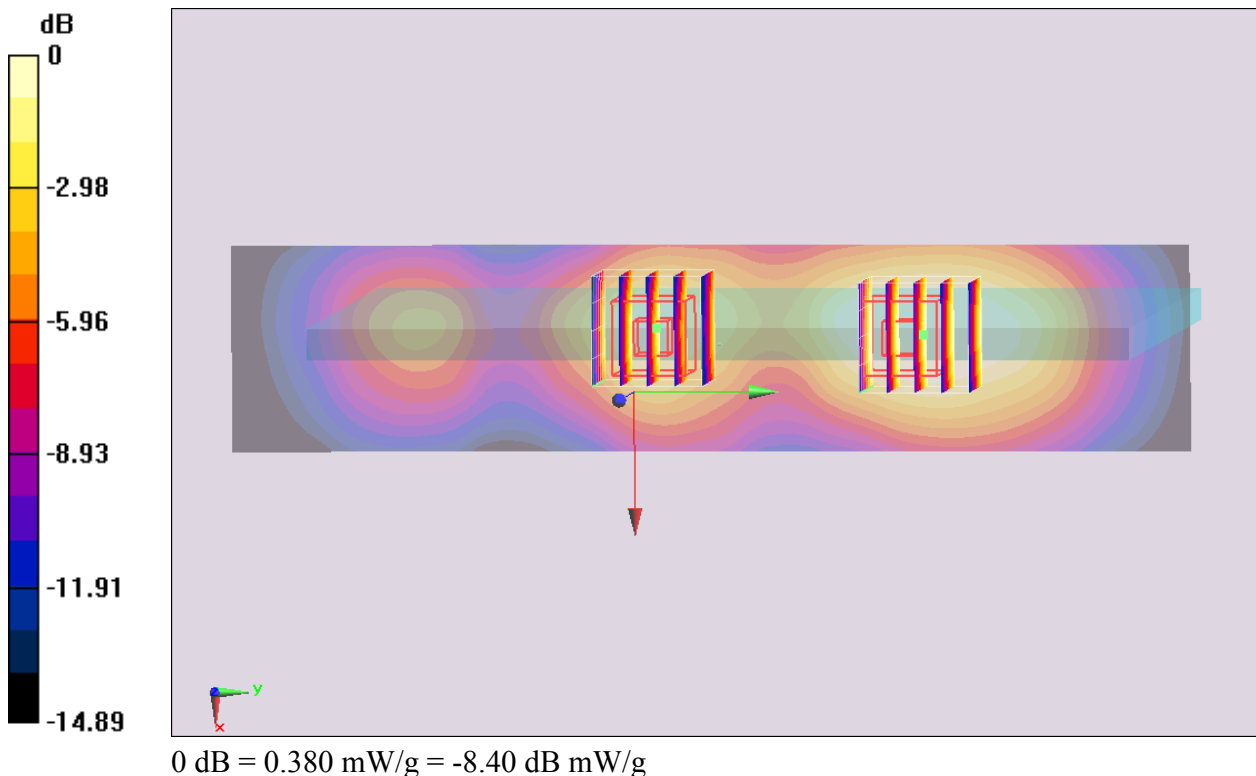
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 0.507 mW/g

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

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



#60 WCDMA II_RMC12.2K_Edge 2_0cm_Ch9262**DUT: 240709**

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

Medium: MSL_1900_120725 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.478$ mho/m; $\epsilon_r = 53.849$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

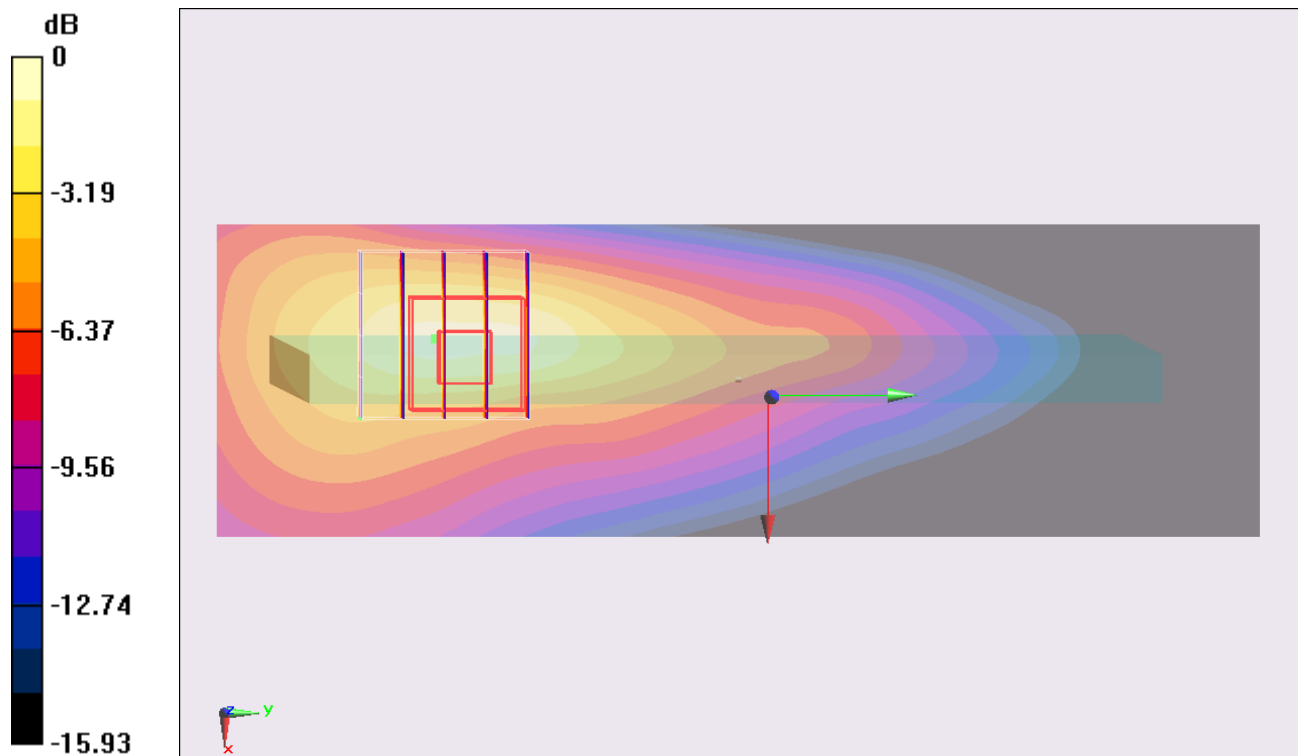
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 0.707 mW/g

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

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



#93 WCDMA II_RMC12.2K_Bottom Face_0cm_Ch9262**DUT: 240709**

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

Medium: MSL_1900_120725 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.478$ mho/m; $\epsilon_r = 53.849$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

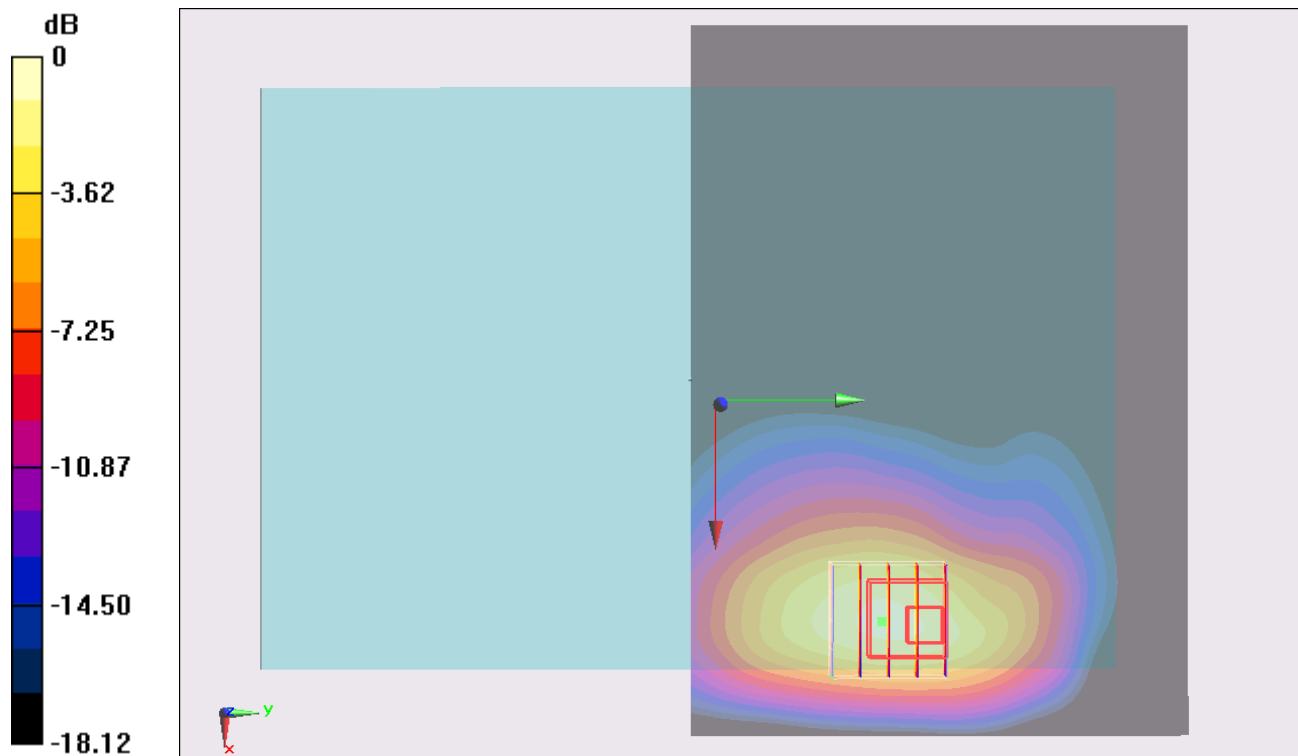
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.852 mW/g

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

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



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

#93 WCDMA II_RMC12.2K_Bottom Face_0cm_Ch9262_2D**DUT: 240709**

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

Medium: MSL_1900_120725 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.478$ mho/m; $\epsilon_r = 53.849$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

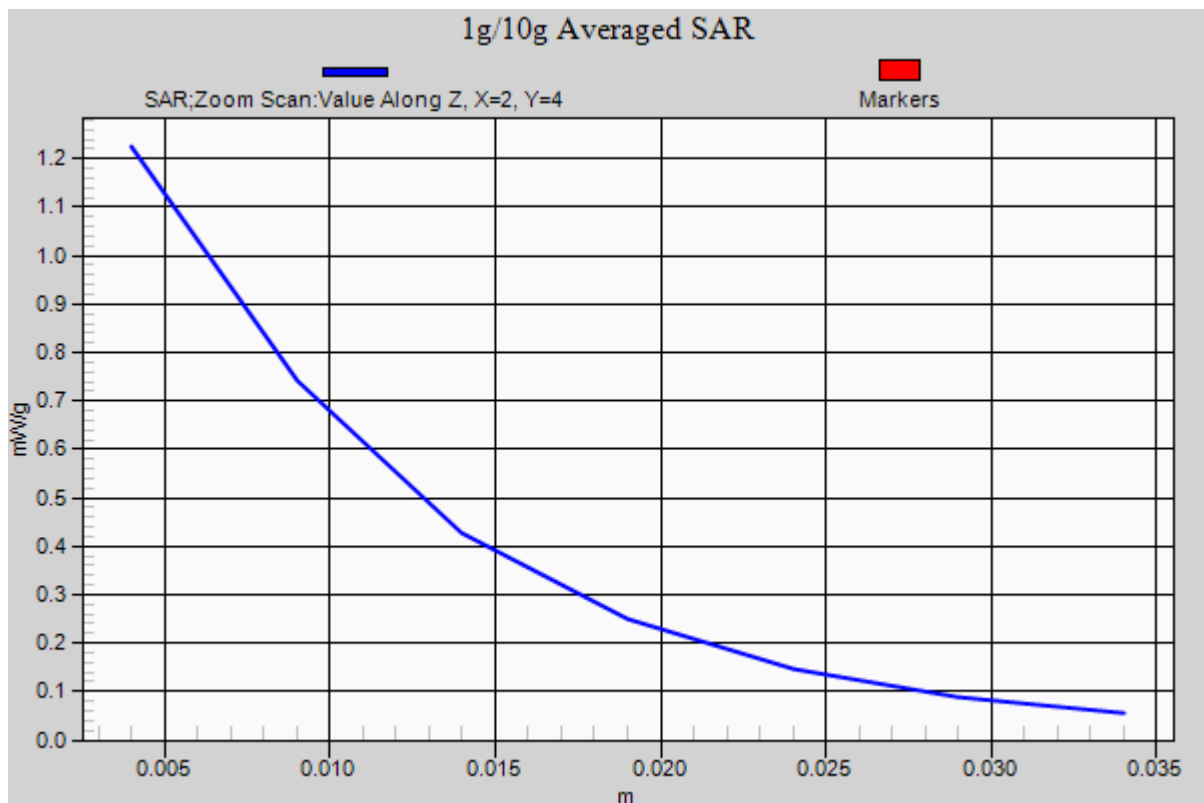
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.852 mW/g

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

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



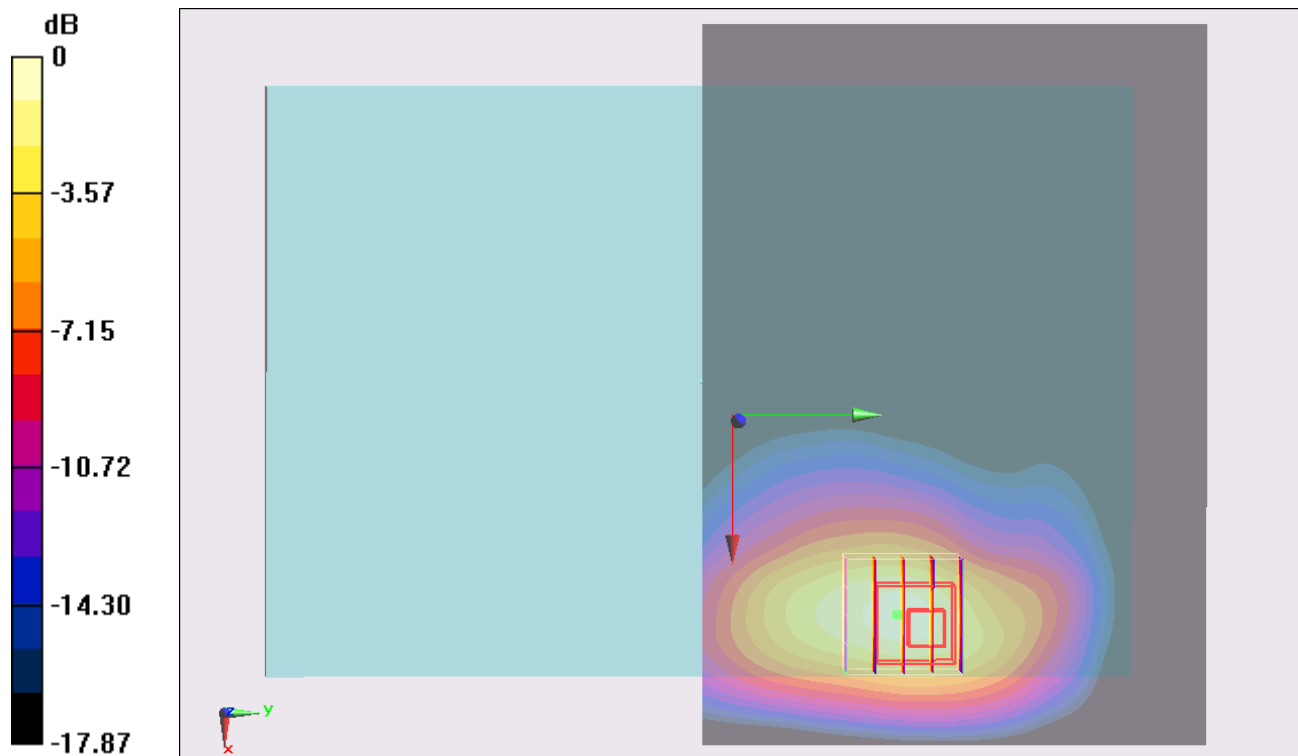
#94 WCDMA II_RMC12.2K_Bottom Face_0cm_Ch9400**DUT: 240709**

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

Medium: MSL_1900_120725 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.744$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

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

Ch9400/Area Scan (101x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.960 mW/g **Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 2.011 V/m ; Power Drift = -0.17 dB Peak SAR (extrapolated) = 1.813 mW/g **SAR(1 g) = 1.02 mW/g ; SAR(10 g) = 0.591 mW/g** Maximum value of SAR (measured) = 1.07 mW/g  $0 \text{ dB} = 1.07 \text{ mW/g} = 0.59 \text{ dB mW/g}$

#95 WCDMA II_RMC12.2K_Bottom Face_0cm_Ch9538**DUT: 240709**

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

Medium: MSL_1900_120725 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.523$ mho/m; $\epsilon_r = 53.589$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

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

Ch9538/Area Scan (101x141x1): Measurement grid: dx=20mm, dy=20mm

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

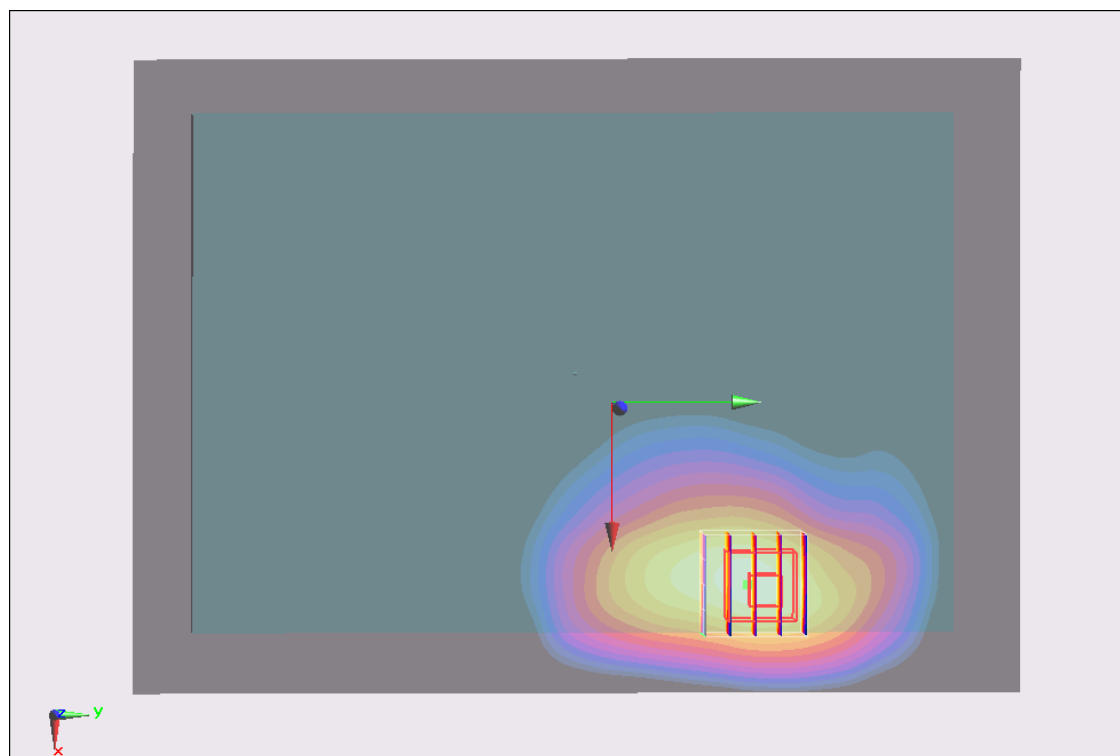
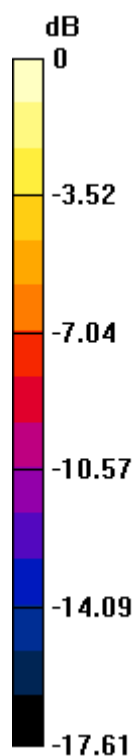
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.295 mW/g

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

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



0 dB = 0.823 mW/g = -1.69 dB mW/g

#96 WCDMA II_RMC12.2K_Edge 1_0cm_Ch9262**DUT: 240709**

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

Medium: MSL_1900_120725 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.478$ mho/m; $\epsilon_r = 53.849$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

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

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

Peak SAR (extrapolated) = 0.749 mW/g

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

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

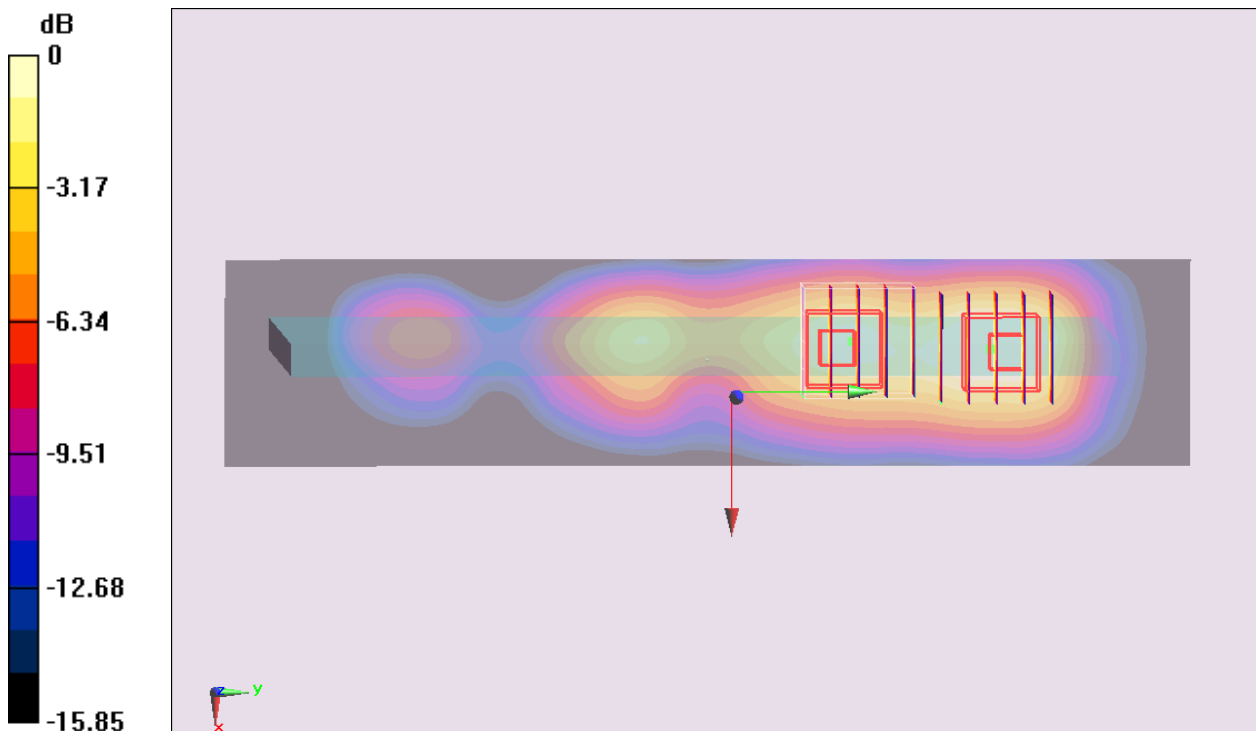
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 0.683 mW/g

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

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



0 dB = 0.377 mW/g = -8.47 dB mW/g

#122 WCDMA II_RMC12.2K_Curved surface of Edge 1_Bottom Face tilted

0cm_Ch9262

DUT: 240709

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

Medium: MSL_1900_120816 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 52.2$;

$\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

Ch9262/Area Scan (91x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

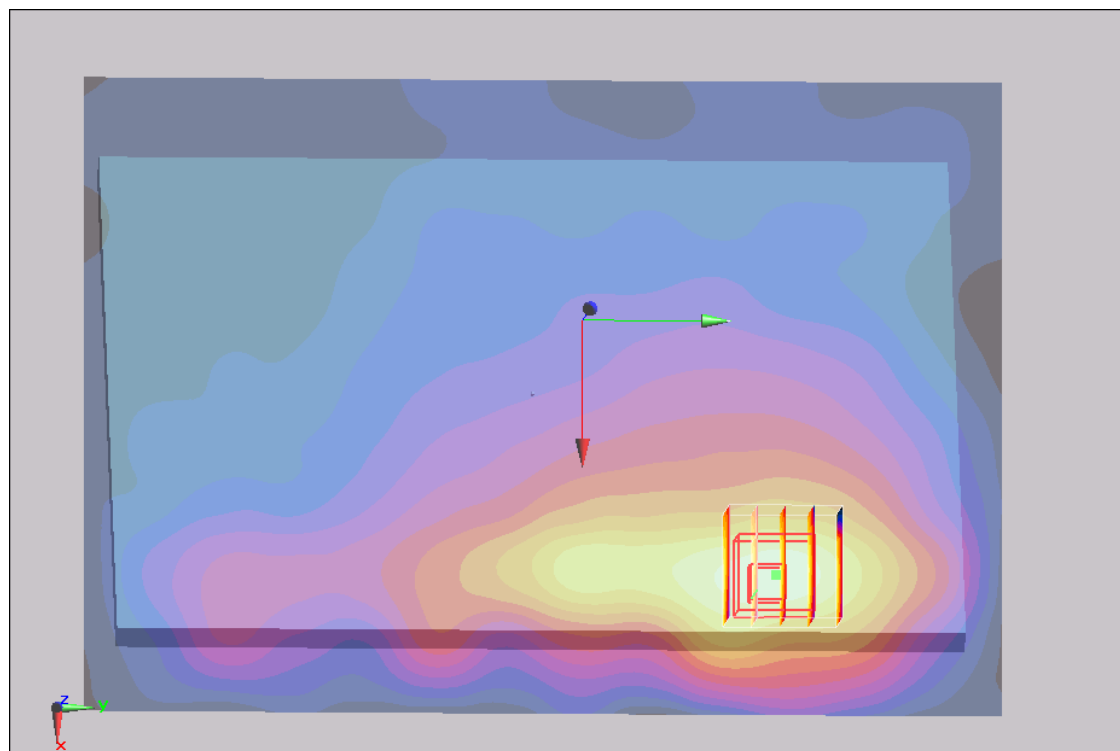
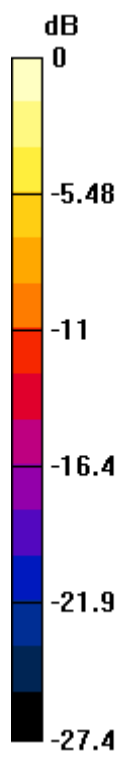
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 1.85 W/kg

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

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



0 dB = 0.994mW/g

**#110 WCDMA II_RMC12.2K_Curved surface of Edge 1_Bottom Face tilted
0cm_Ch9400**

DUT: 240709

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

Medium: MSL_1900_120816 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

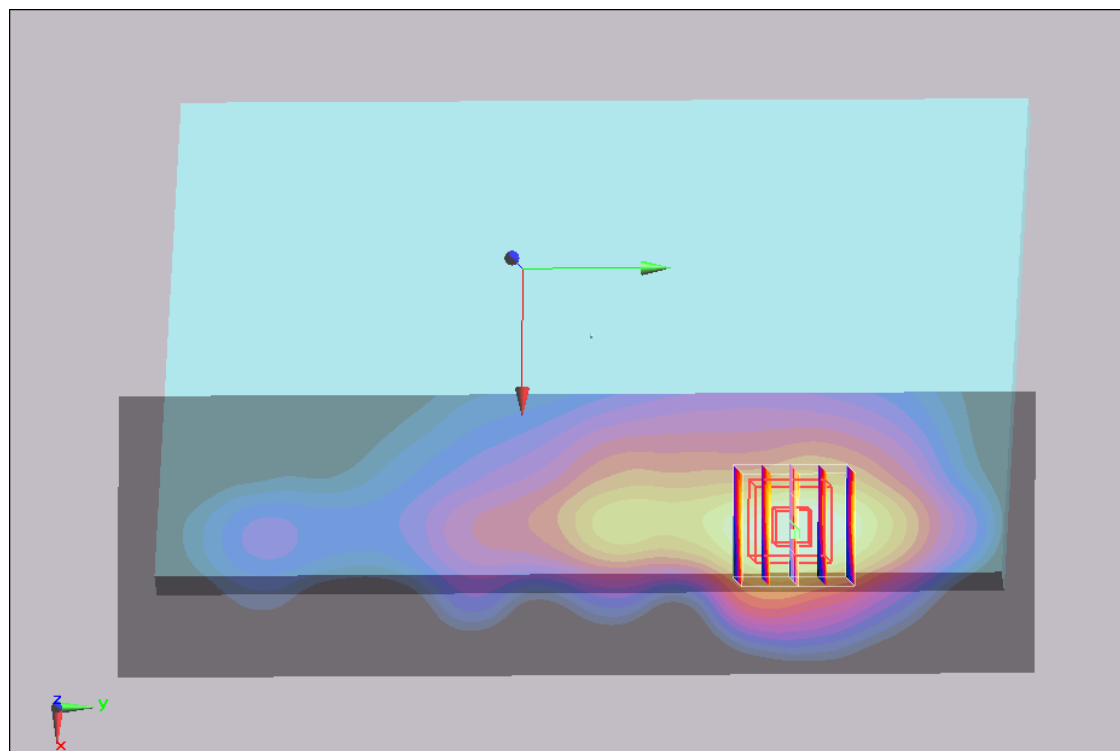
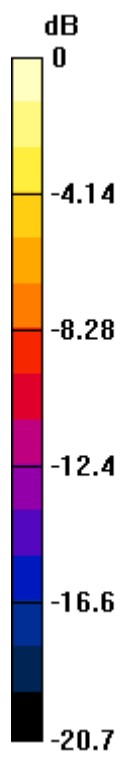
Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

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

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

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 3.36 V/m ; Power Drift = -0.143 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 0.979 mW/g ; SAR(10 g) = 0.494 mW/g
Maximum value of SAR (measured) = 1.16 mW/g



0 dB = 1.16mW/g

#110 WCDMA II_RMC12.2K_Curved surface of Edge 1_Bottom Face tilted**0cm_Ch9400_2D****DUT: 240709**

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

Medium: MSL_1900_120816 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

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

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

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

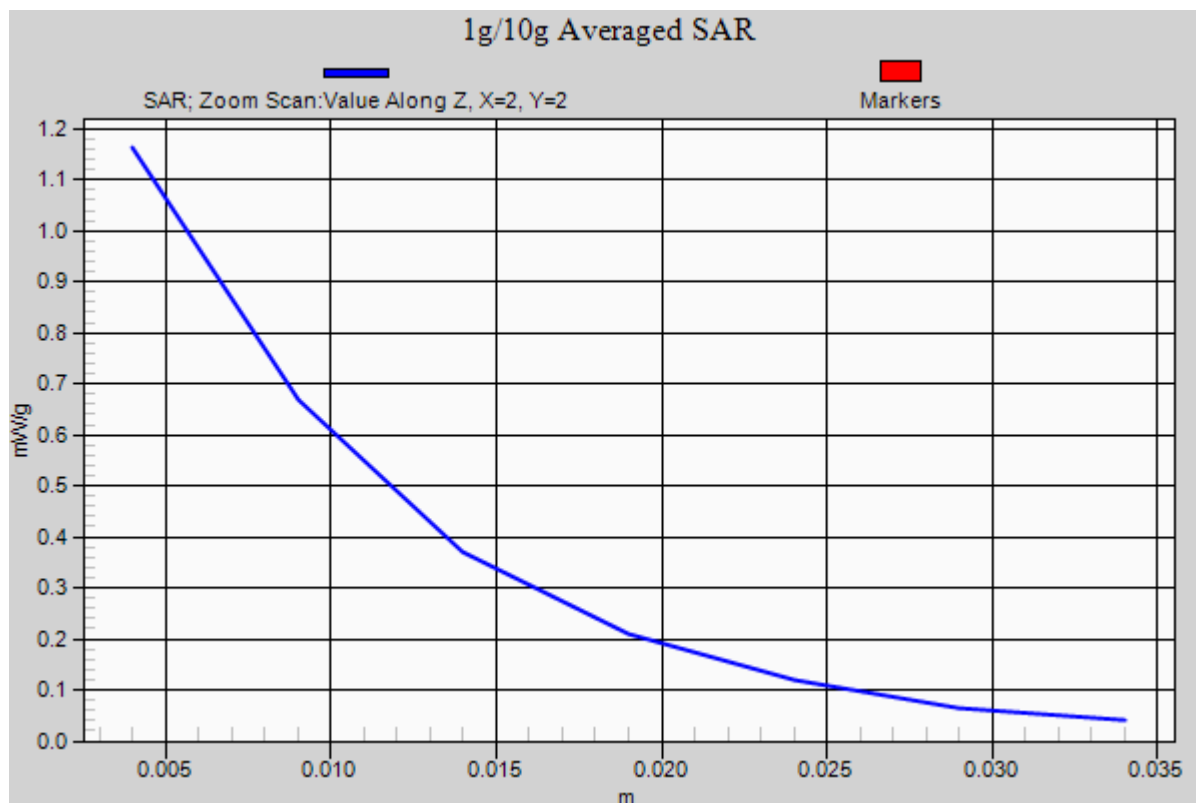
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.72 W/kg

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

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



**#111 WCDMA II_RMC12.2K_Curved surface of Edge 1_Bottom Face tilted
0cm_Ch9538**

DUT: 240709

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

Medium: MSL_1900_120816 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.9$;

$\rho = 1000$ kg/m³

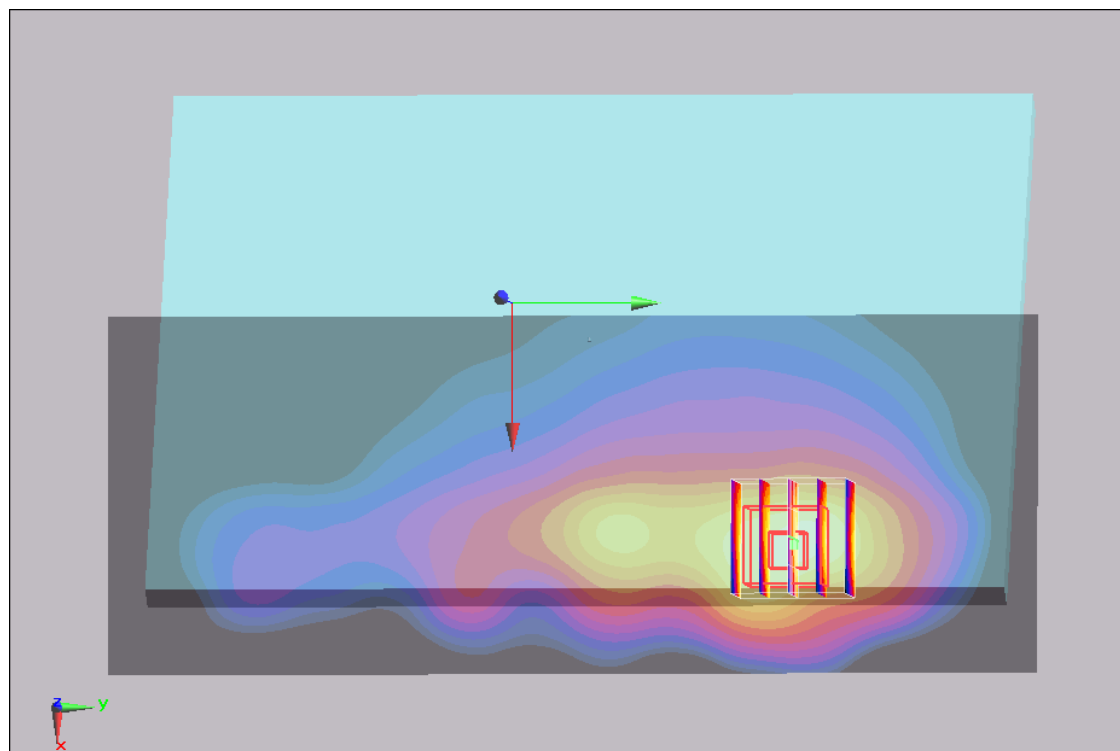
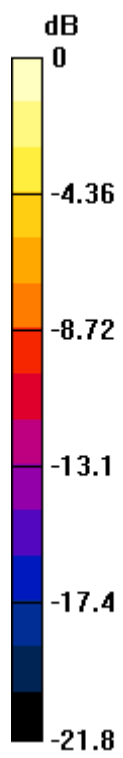
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

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

Ch9538/Area Scan (51x131x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.829 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.67 V/m; Power Drift = -0.155 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.435 mW/g
Maximum value of SAR (measured) = 0.946 mW/g



0 dB = 0.946mW/g

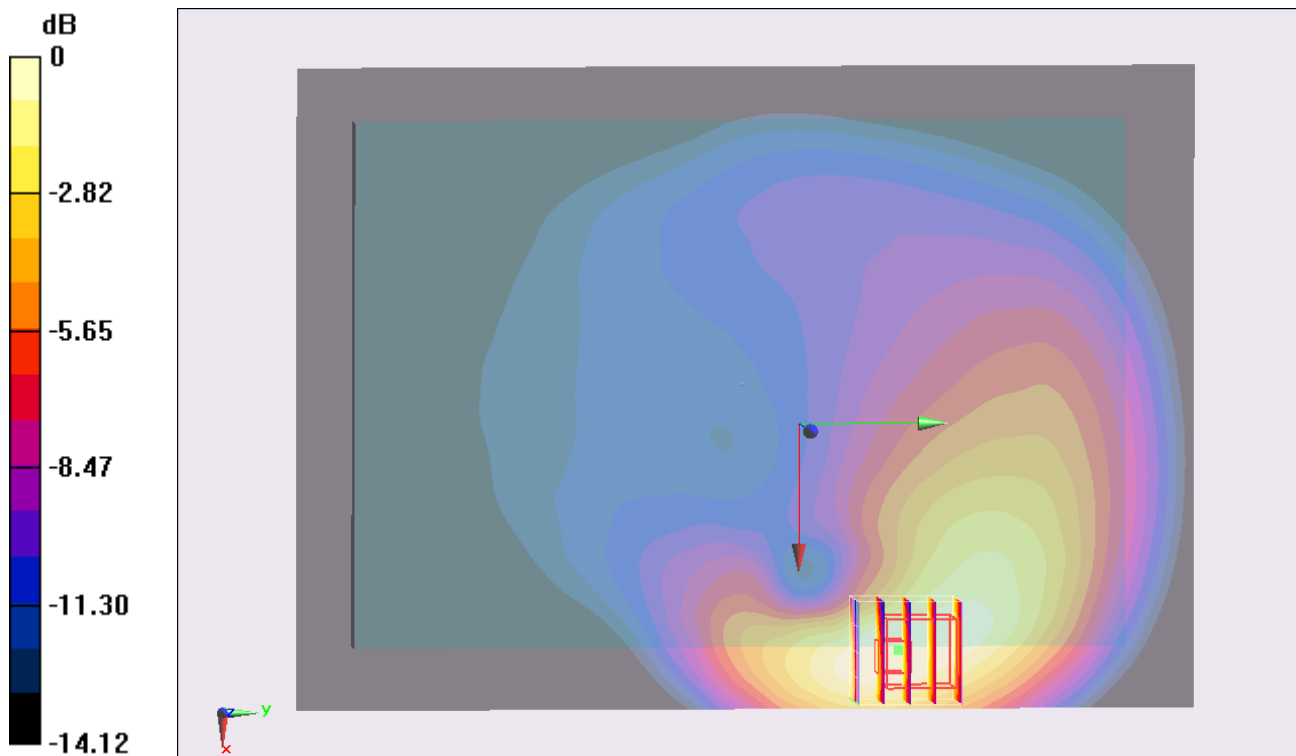
#37 LTE Band 17_QPSK(25-13)_10M_Bottom Face_1.1cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

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

Ch23790/Area Scan (101x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.512 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 6.223 V/m ; Power Drift = -0.02 dB Peak SAR (extrapolated) = 0.689 mW/g **SAR(1 g) = 0.450 mW/g ; SAR(10 g) = 0.294 mW/g** Maximum value of SAR (measured) = 0.481 mW/g  $0 \text{ dB} = 0.481 \text{ mW/g} = -6.36 \text{ dB mW/g}$

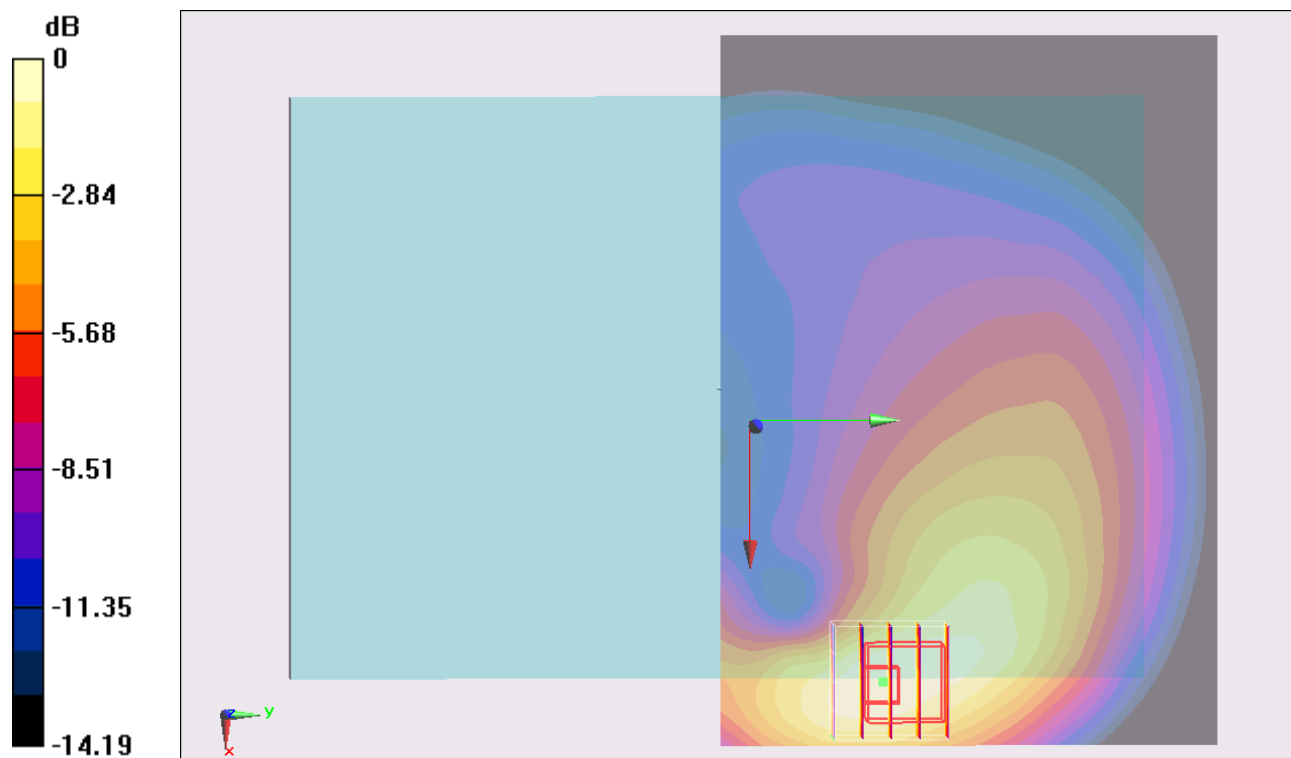
#38 LTE Band 17_QPSK(1-0)_10M_Bottom Face_1.1cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 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: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (101x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.548 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 6.357 V/m ; Power Drift = 0.04 dB Peak SAR (extrapolated) = 0.761 mW/g **SAR(1 g) = 0.494 mW/g ; SAR(10 g) = 0.320 mW/g** Maximum value of SAR (measured) = 0.532 mW/g  $0 \text{ dB} = 0.532 \text{ mW/g} = -5.48 \text{ dB mW/g}$

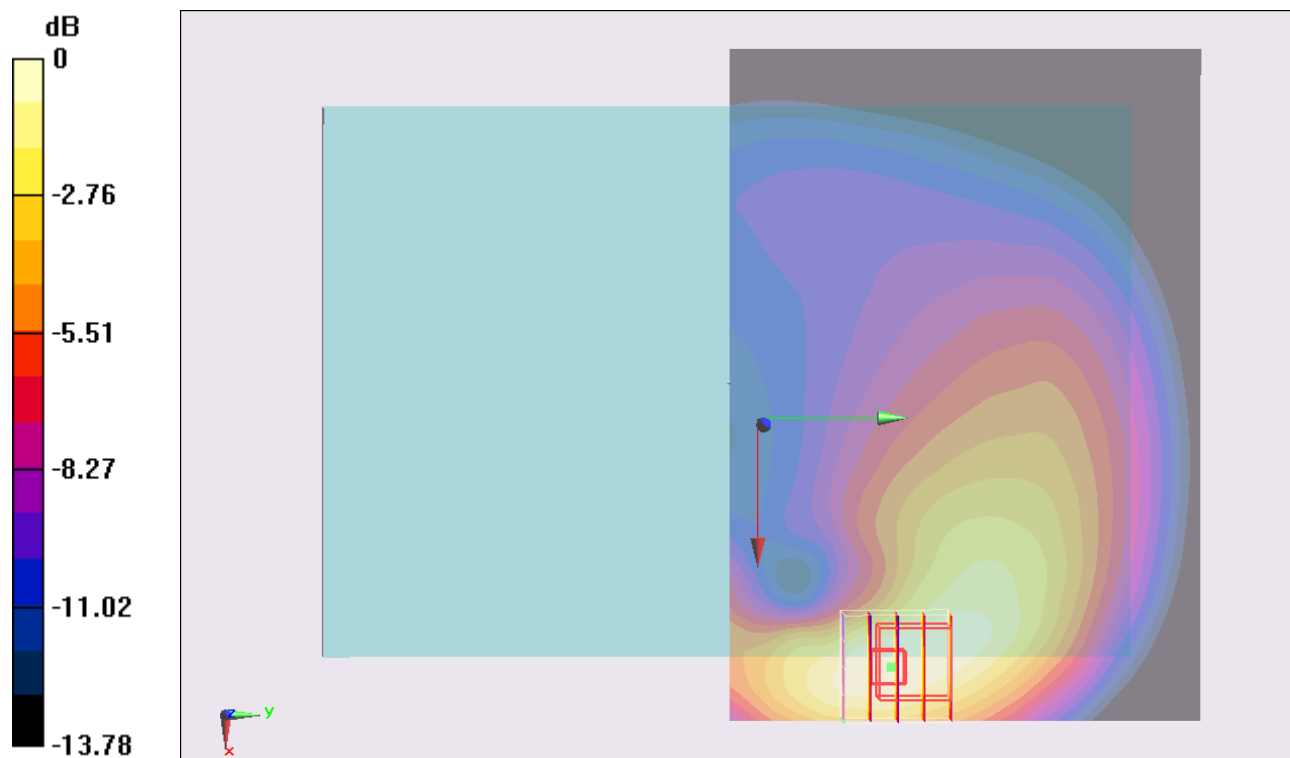
#39 LTE Band 17_QPSK(1-49)_10M_Bottom Face_1.1cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 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: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (101x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.560 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 6.745 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 0.764 mW/g **SAR(1 g) = 0.507 mW/g ; SAR(10 g) = 0.338 mW/g** Maximum value of SAR (measured) = 0.550 mW/g 

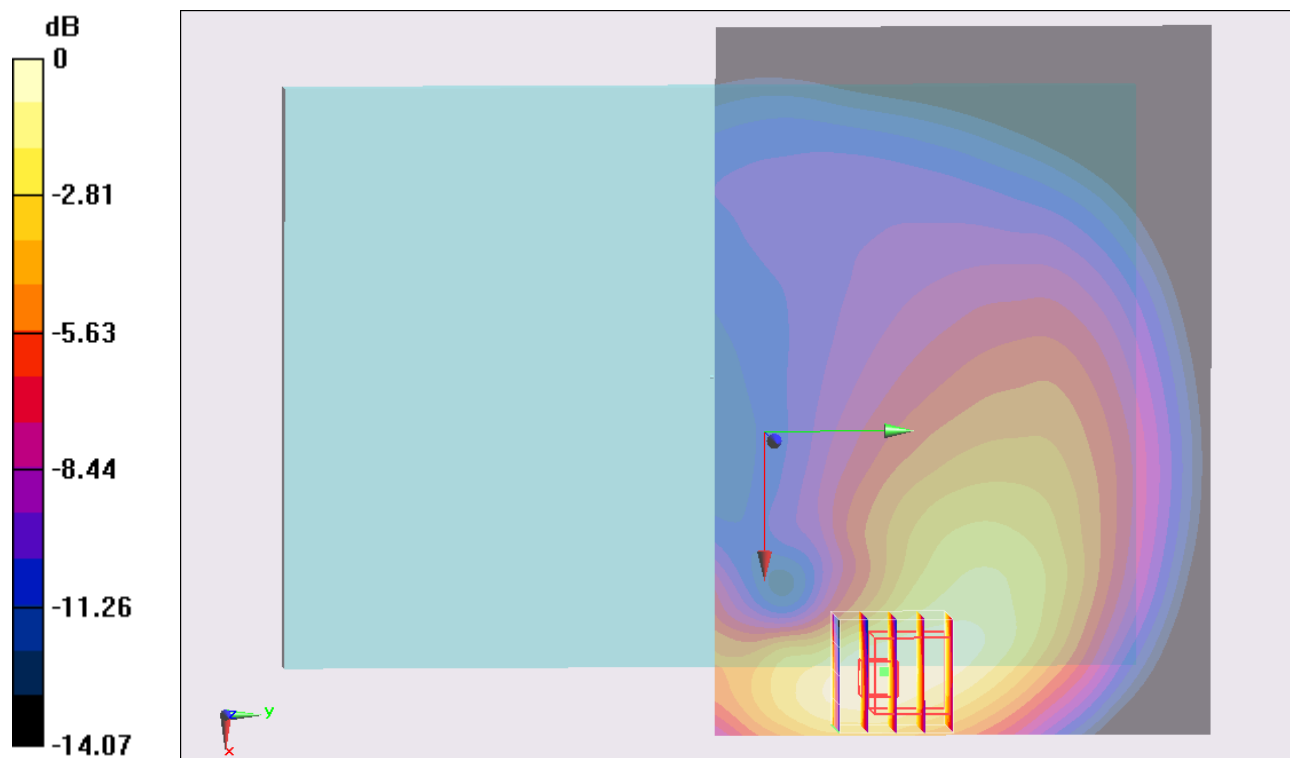
#46 LTE Band 17_16QAM(25-13)_10M_Bottom Face_1.1cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

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

Ch23790/Area Scan (101x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.391 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 5.492 V/m ; Power Drift = 0.04 dB Peak SAR (extrapolated) = 0.547 mW/g **SAR(1 g) = 0.357 mW/g ; SAR(10 g) = 0.233 mW/g** Maximum value of SAR (measured) = 0.382 mW/g  $0 \text{ dB} = 0.382 \text{ mW/g} = -8.36 \text{ dB mW/g}$

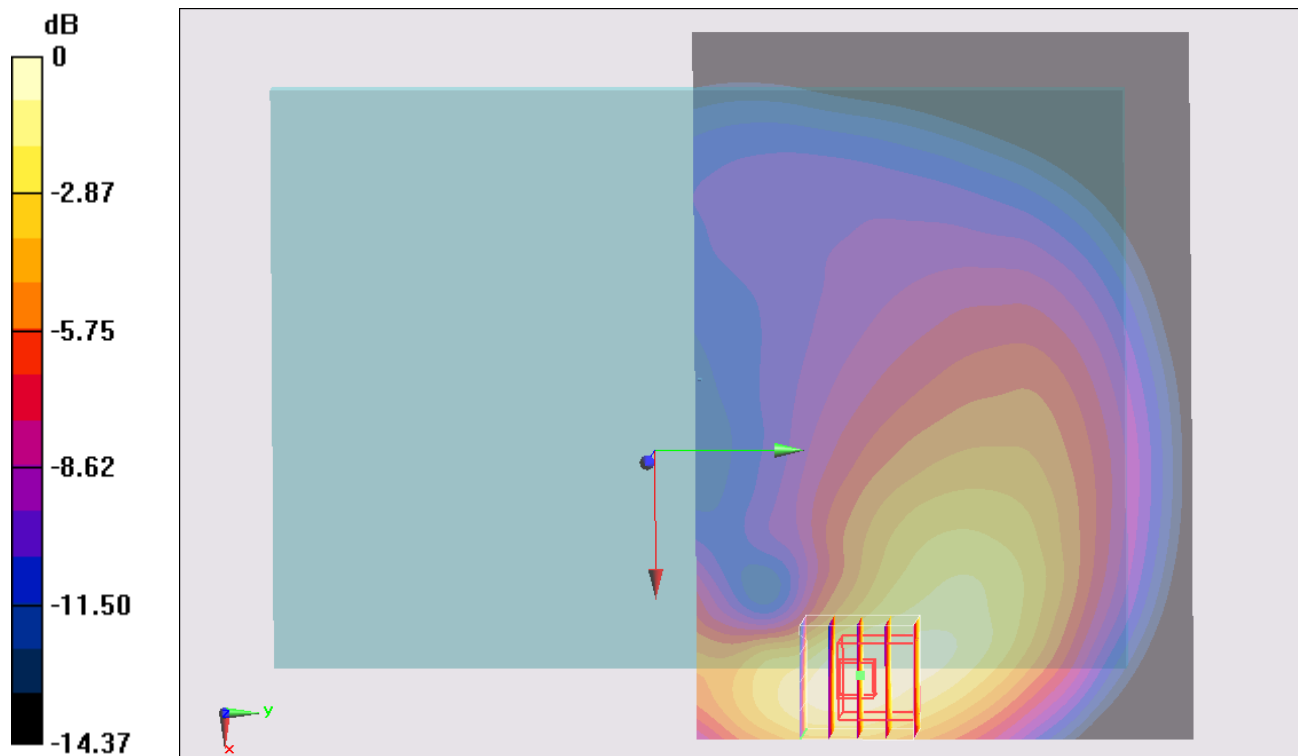
#47 LTE Band 17_16QAM(1-0)_10M_Bottom Face_1.1cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

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

Ch23790/Area Scan (101x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.424 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 5.711 V/m ; Power Drift = -0.04 dB Peak SAR (extrapolated) = 0.594 mW/g **SAR(1 g) = 0.386 mW/g ; SAR(10 g) = 0.251 mW/g** Maximum value of SAR (measured) = 0.416 mW/g 

#48 LTE Band 17_16QAM(1-49)_10M_Bottom Face_1.1cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho = 1000$ kg/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: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

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

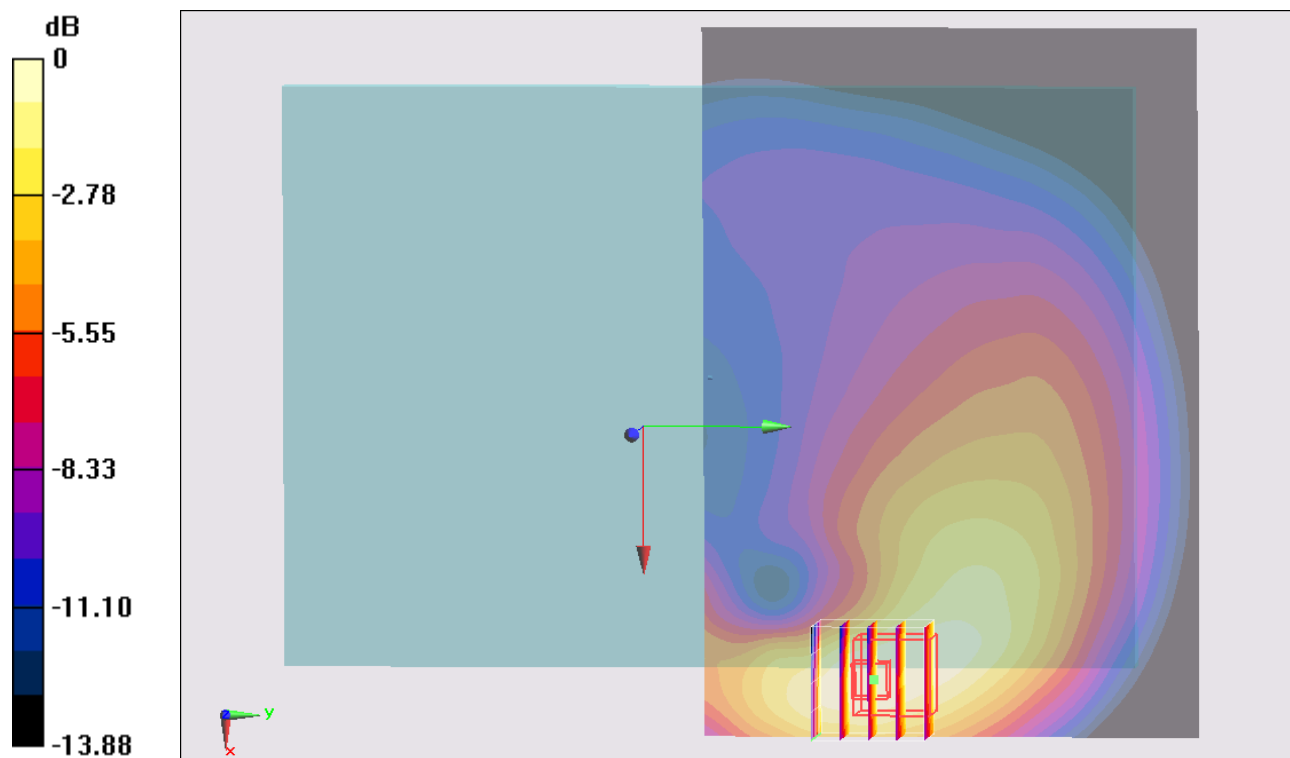
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 0.599 mW/g

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

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



0 dB = 0.433 mW/g = -7.27 dB mW/g

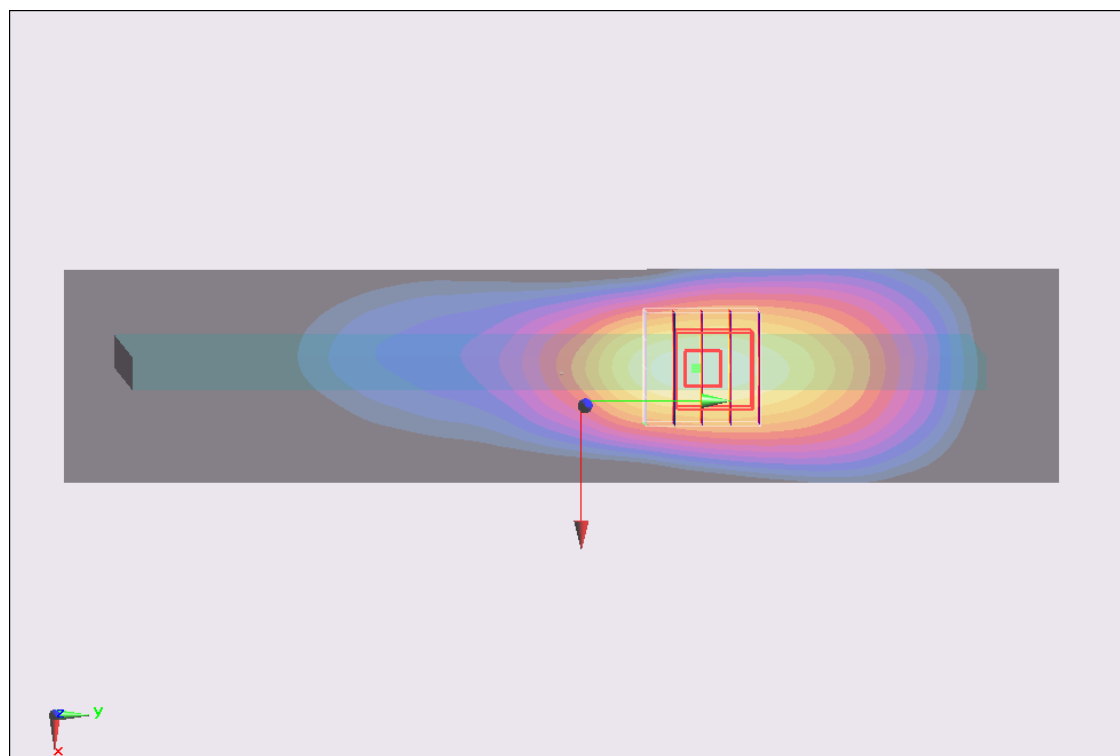
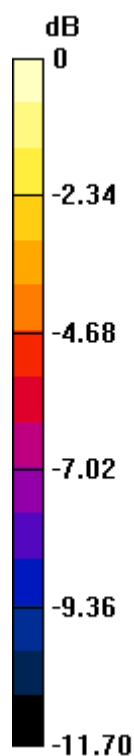
#40 LTE Band 17_QPSK(25-13)_10M_Edge 1_0.9cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 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: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (31x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.471 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 13.194 V/m ; Power Drift = 0.01 dB Peak SAR (extrapolated) = 0.699 mW/g **SAR(1 g) = 0.447 mW/g ; SAR(10 g) = 0.281 mW/g** Maximum value of SAR (measured) = 0.486 mW/g  $0 \text{ dB} = 0.486 \text{ mW/g} = -6.27 \text{ dB mW/g}$

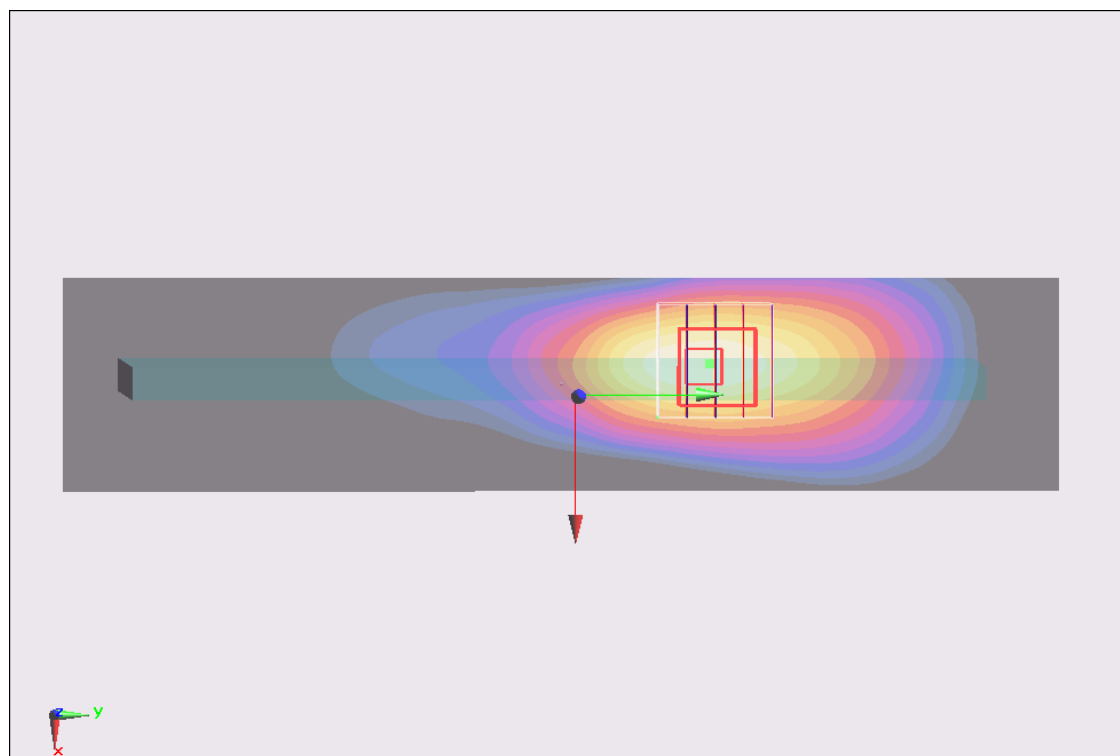
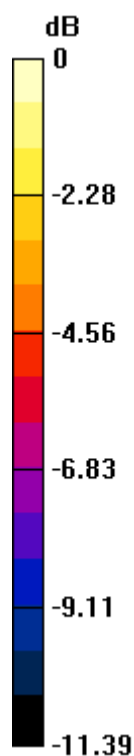
#41 LTE Band 17_QPSK(1-0)_10M_Edge 1_0.9cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 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: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (31x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.565 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 13.580 V/m ; Power Drift = 0.02 dB Peak SAR (extrapolated) = 0.803 mW/g **SAR(1 g) = 0.523 mW/g ; SAR(10 g) = 0.333 mW/g** Maximum value of SAR (measured) = 0.563 mW/g  $0 \text{ dB} = 0.563 \text{ mW/g} = -4.99 \text{ dB mW/g}$

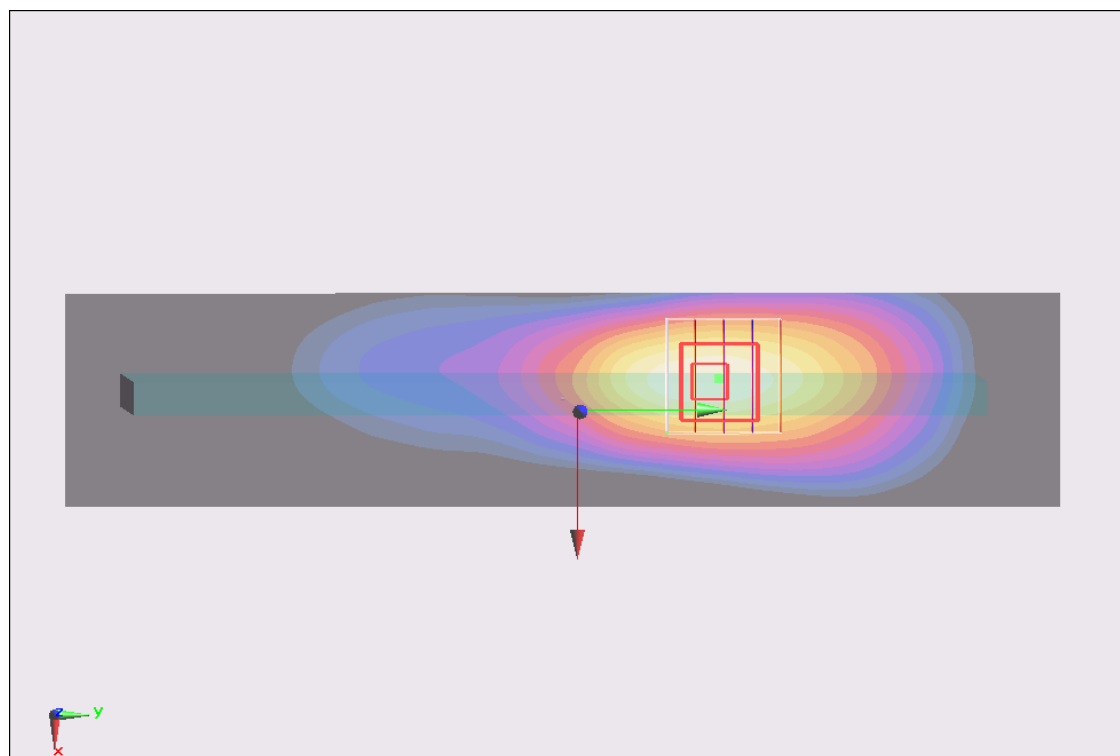
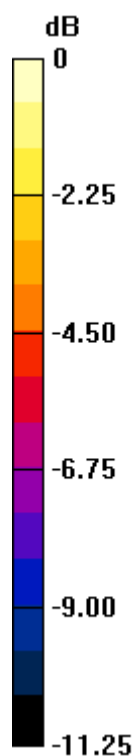
#42 LTE Band 17_QPSK(1-49)_10M_Edge 1_0.9cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 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: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (31x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.618 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 14.405 V/m ; Power Drift = 0.06 dB Peak SAR (extrapolated) = 0.881 mW/g **SAR(1 g) = 0.571 mW/g ; SAR(10 g) = 0.362 mW/g** Maximum value of SAR (measured) = 0.610 mW/g  $0 \text{ dB} = 0.610 \text{ mW/g} = -4.29 \text{ dB mW/g}$

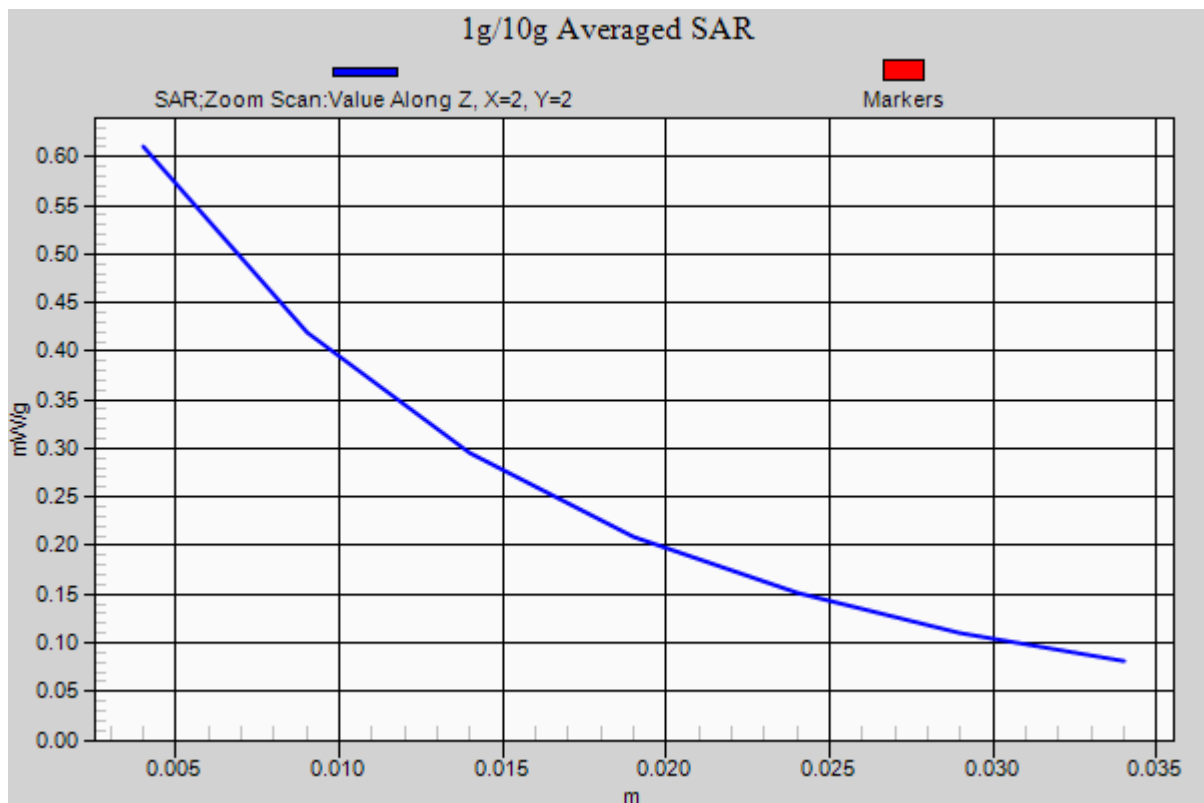
#42 LTE Band 17_QPSK(1-49)_10M_Edge 1_0.9cm_Ch23790_2D**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 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: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (31x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.618 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 14.405 V/m ; Power Drift = 0.06 dB Peak SAR (extrapolated) = 0.881 mW/g **SAR(1 g) = 0.571 mW/g ; SAR(10 g) = 0.362 mW/g** Maximum value of SAR (measured) = 0.610 mW/g 

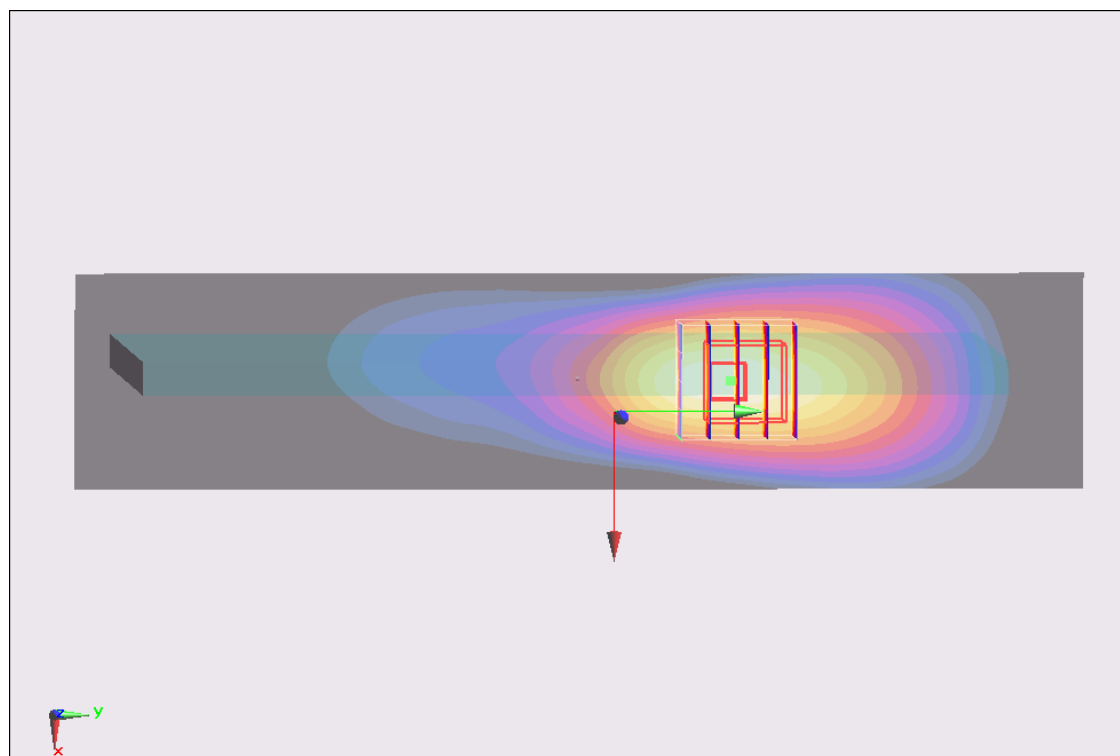
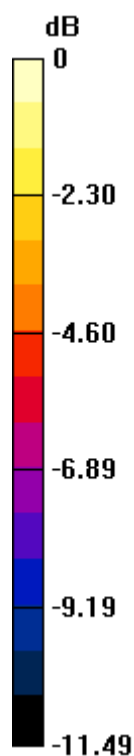
#49 LTE Band 17_16QAM(25-13)_10M_Edge 1_0.9cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 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: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (31x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.379 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 11.113 V/m ; Power Drift = 0.02 dB Peak SAR (extrapolated) = 0.543 mW/g **SAR(1 g) = 0.352 mW/g ; SAR(10 g) = 0.223 mW/g** Maximum value of SAR (measured) = 0.381 mW/g  $0 \text{ dB} = 0.381 \text{ mW/g} = -8.38 \text{ dB mW/g}$

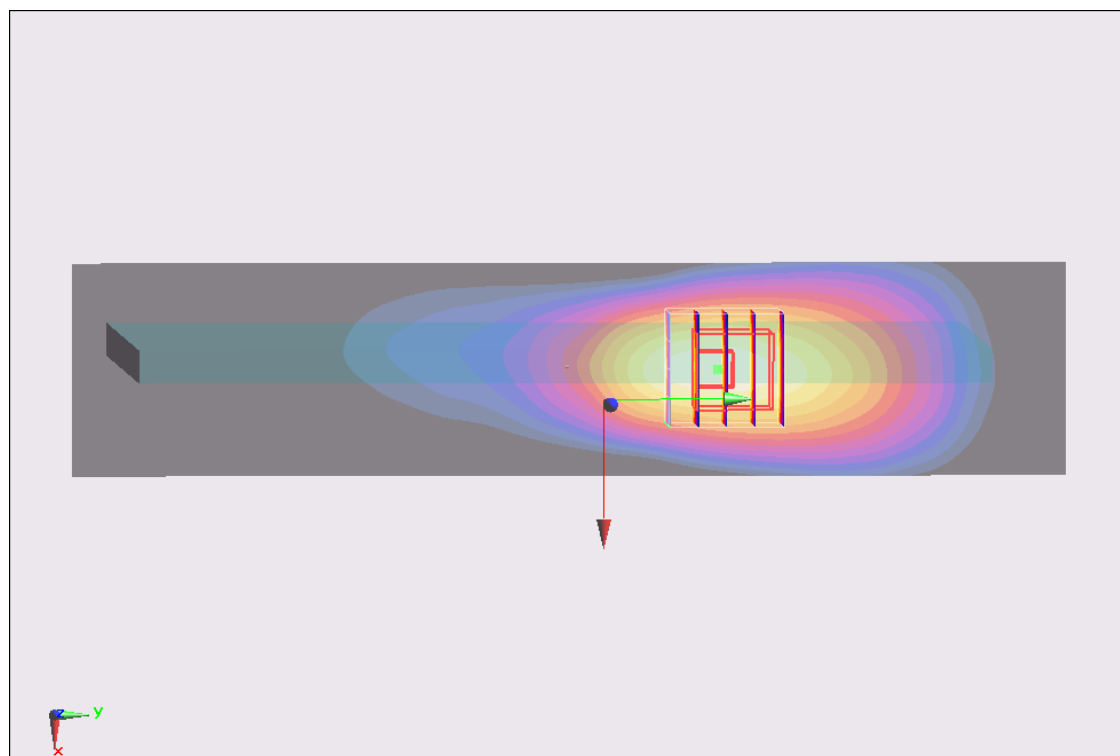
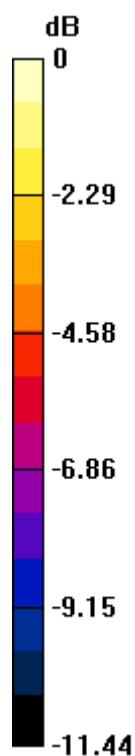
#50 LTE Band 17_16QAM(1-0)_10M_Edge 1_0.9cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

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

Ch23790/Area Scan (31x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.437 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 11.828 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 0.626 mW/g **SAR(1 g) = 0.406 mW/g ; SAR(10 g) = 0.258 mW/g** Maximum value of SAR (measured) = 0.441 mW/g  $0 \text{ dB} = 0.441 \text{ mW/g} = -7.11 \text{ dB mW/g}$

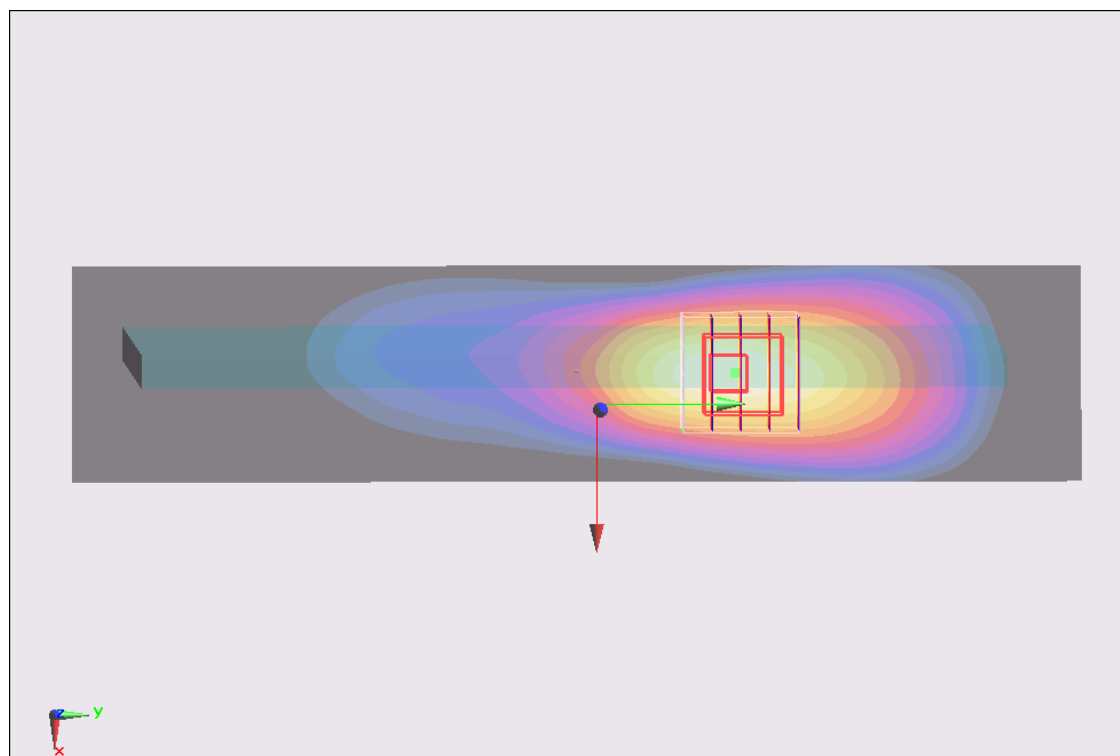
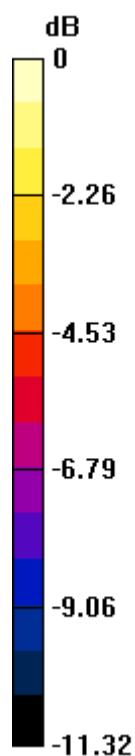
#51 LTE Band 17_16QAM(1-49)_10M_Edge 1_0.9cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

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

Ch23790/Area Scan (31x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.483 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 12.661 V/m ; Power Drift = 0.01 dB Peak SAR (extrapolated) = 0.675 mW/g **SAR(1 g) = 0.442 mW/g ; SAR(10 g) = 0.281 mW/g** Maximum value of SAR (measured) = 0.478 mW/g  $0 \text{ dB} = 0.478 \text{ mW/g} = -6.41 \text{ dB mW/g}$

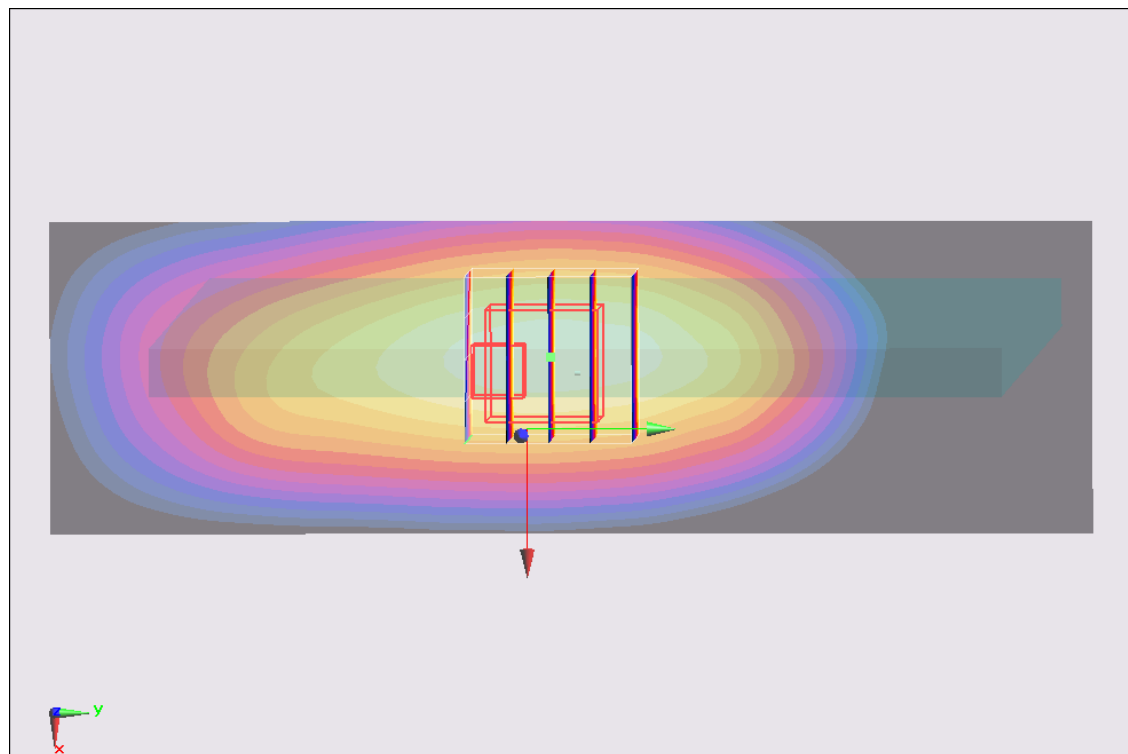
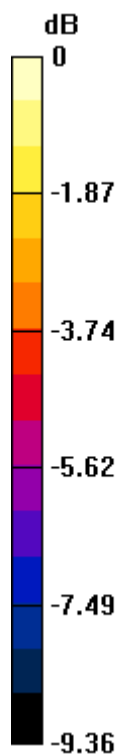
#43 LTE Band 17_QPSK(25-13)_10M_Edge 2_0cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 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: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (31x101x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.248 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 17.228 V/m ; Power Drift = 0.02 dB Peak SAR (extrapolated) = 0.405 mW/g **SAR(1 g) = 0.246 mW/g ; SAR(10 g) = 0.163 mW/g** Maximum value of SAR (measured) = 0.257 mW/g  $0 \text{ dB} = 0.257 \text{ mW/g} = -11.80 \text{ dB mW/g}$

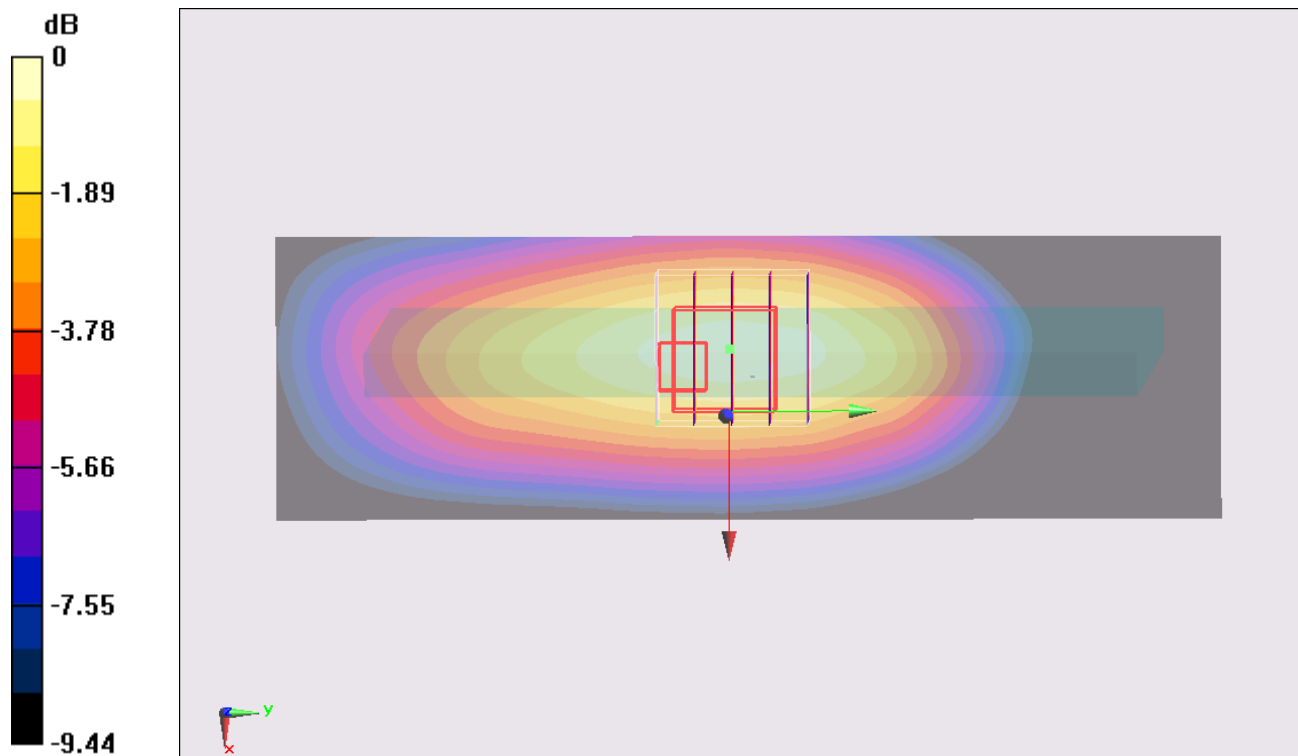
#44 LTE Band 17_QPSK(1-0)_10M_Edge 2_0cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 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: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (31x101x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.251 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 17.134 V/m ; Power Drift = 0.04 dB Peak SAR (extrapolated) = 0.401 mW/g **SAR(1 g) = 0.246 mW/g ; SAR(10 g) = 0.163 mW/g** Maximum value of SAR (measured) = 0.262 mW/g 

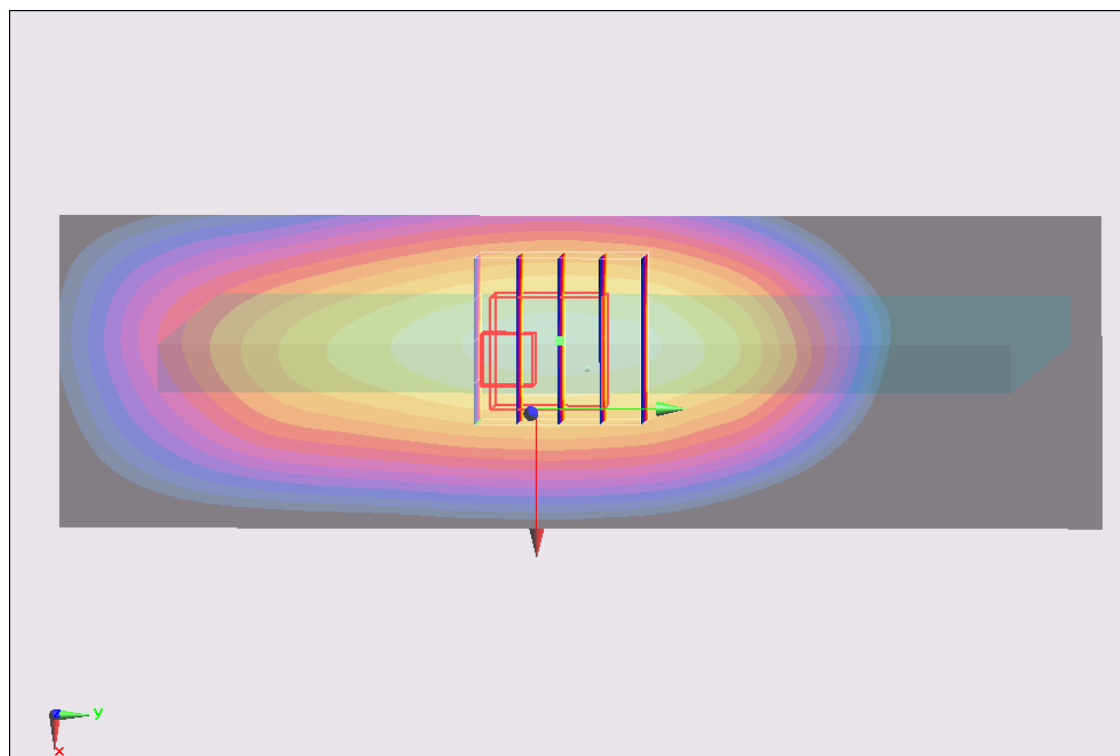
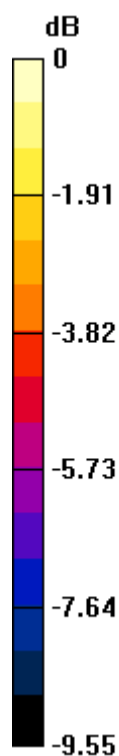
#45 LTE Band 17_QPSK(1-49)_10M_Edge 2_0cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

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

Ch23790/Area Scan (31x101x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.292 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 18.388 V/m ; Power Drift = 0.09 dB Peak SAR (extrapolated) = 0.474 mW/g **SAR(1 g) = 0.288 mW/g ; SAR(10 g) = 0.190 mW/g** Maximum value of SAR (measured) = 0.308 mW/g  $0 \text{ dB} = 0.308 \text{ mW/g} = -10.23 \text{ dB mW/g}$

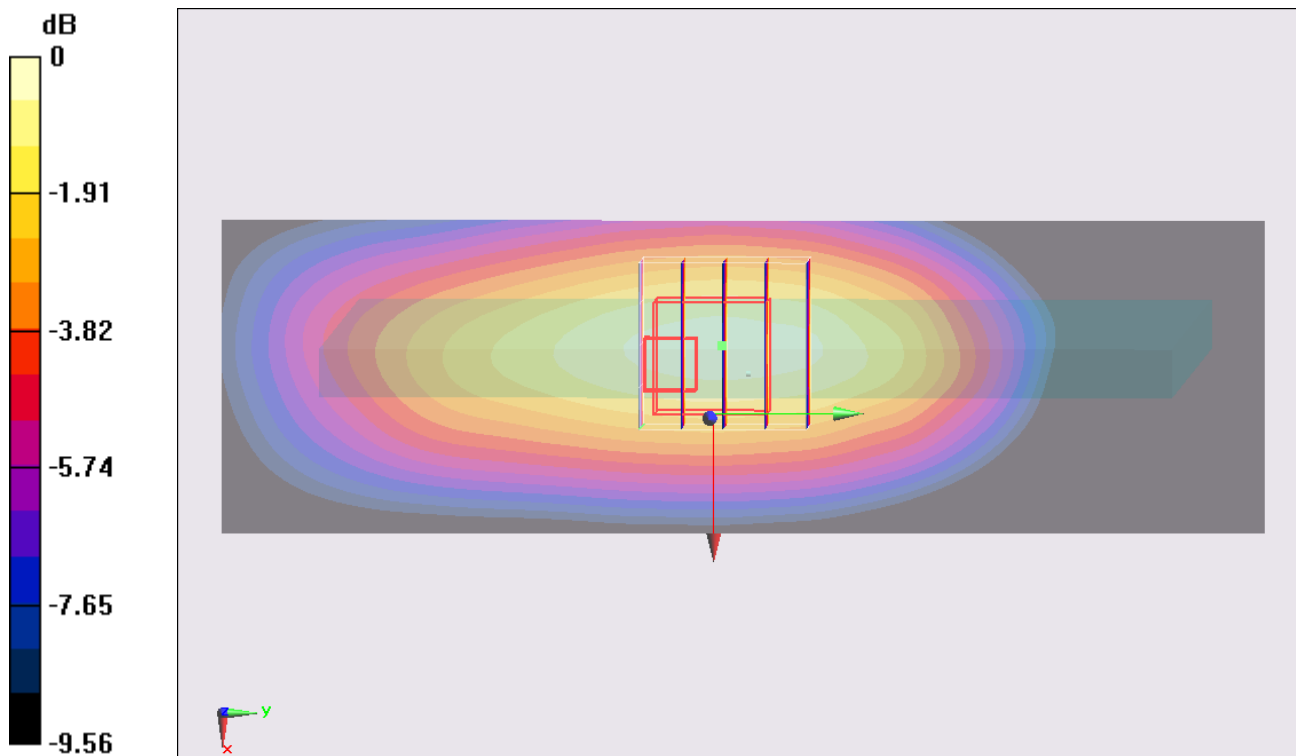
#52 LTE Band 17_16QAM(25-13)_10M_Edge 2_0cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

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

Ch23790/Area Scan (31x101x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.202 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 15.434 V/m ; Power Drift = 0.03 dB Peak SAR (extrapolated) = 0.330 mW/g **SAR(1 g) = 0.201 mW/g ; SAR(10 g) = 0.133 mW/g** Maximum value of SAR (measured) = 0.214 mW/g  $0 \text{ dB} = 0.214 \text{ mW/g} = -13.39 \text{ dB mW/g}$

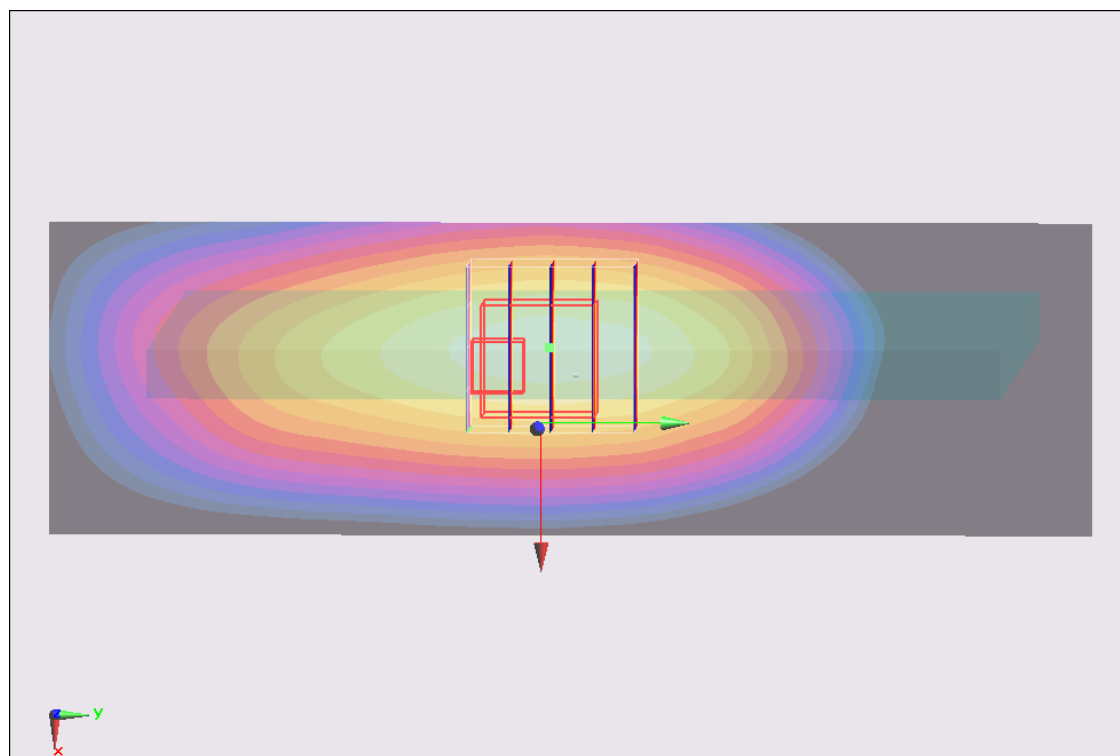
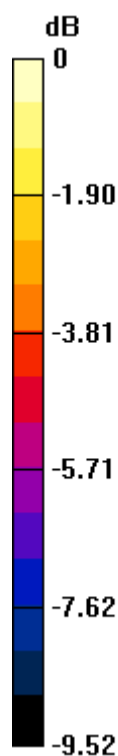
#53 LTE Band 17_16QAM(1-0)_10M_Edge 2_0cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 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: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (31x101x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.210 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 15.613 V/m ; Power Drift = 0.02 dB Peak SAR (extrapolated) = 0.337 mW/g **SAR(1 g) = 0.206 mW/g ; SAR(10 g) = 0.137 mW/g** Maximum value of SAR (measured) = 0.220 mW/g  $0 \text{ dB} = 0.220 \text{ mW/g} = -13.15 \text{ dB mW/g}$

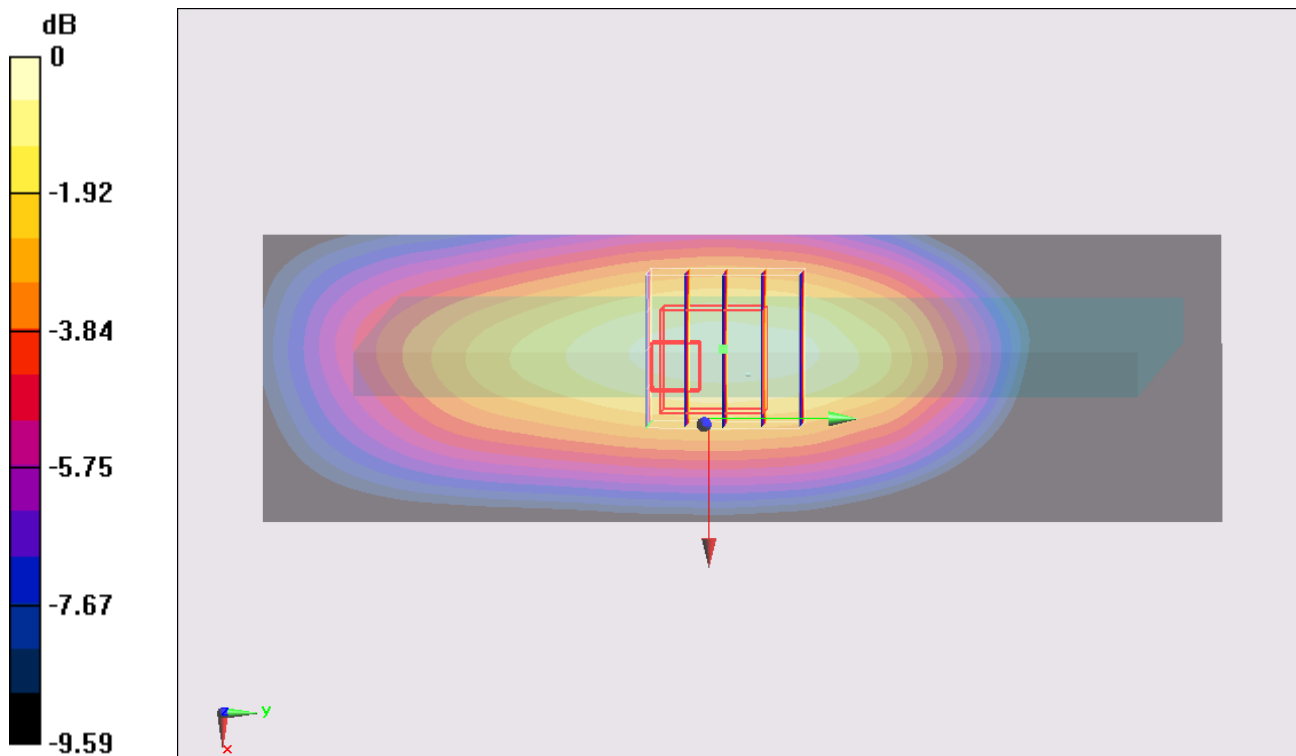
#54 LTE Band 17_16QAM(1-49)_10M_Edge 2_0cm_Ch23790**DUT: 240709**

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

Medium: MSL_750_120724 Medium parameters used: $f = 710$ MHz; $\sigma = 0.934$ mho/m; $\epsilon_r = 54.847$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

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

Ch23790/Area Scan (31x101x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.240 mW/g **Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 16.704 V/m ; Power Drift = 0.06 dB Peak SAR (extrapolated) = 0.385 mW/g **SAR(1 g) = 0.236 mW/g ; SAR(10 g) = 0.156 mW/g** Maximum value of SAR (measured) = 0.252 mW/g  $0 \text{ dB} = 0.252 \text{ mW/g} = -11.97 \text{ dB mW/g}$

#11 LTE Band 17_QPSK(25-13)_10M_Bottom Face_0cm_Ch23780

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 709 \text{ MHz}$; $\sigma = 0.934 \text{ mho/m}$; $\epsilon_r = 55.2$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch23780/Area Scan (41x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.822 mW/g

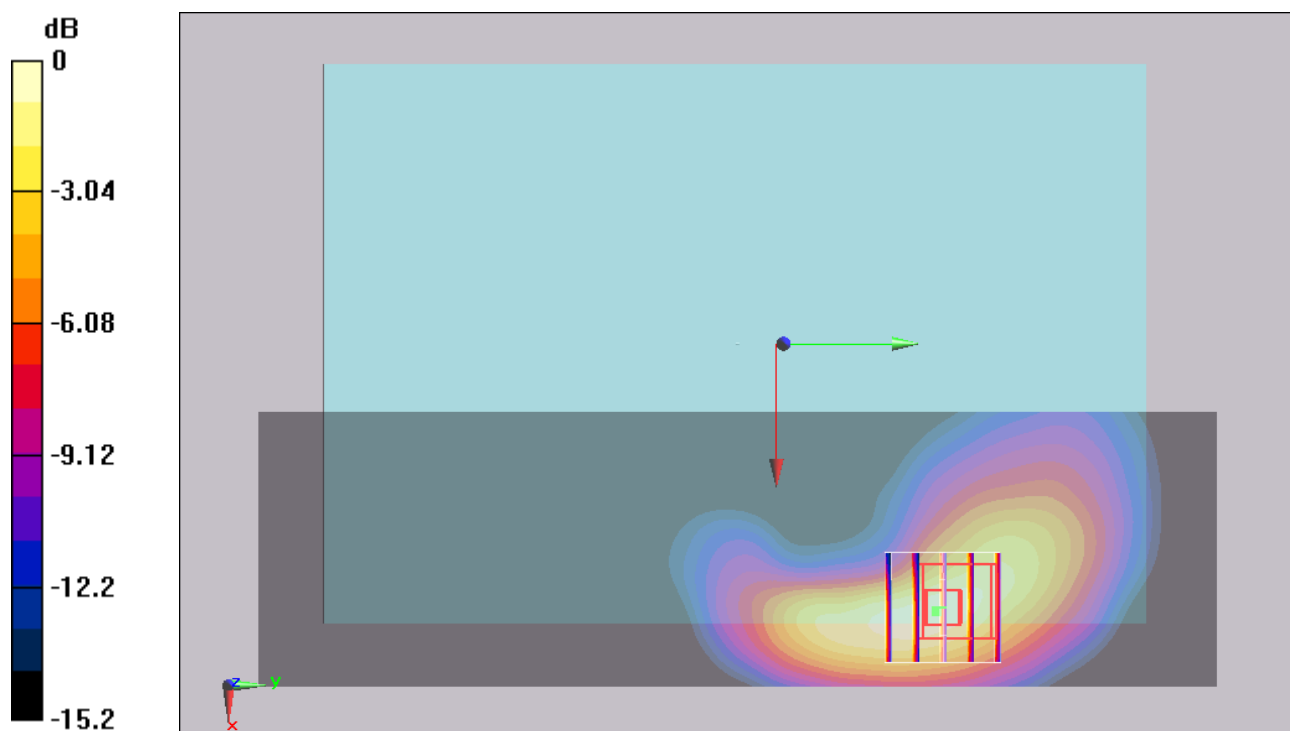
Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.86 V/m ; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.744 mW/g ; SAR(10 g) = 0.424 mW/g

Maximum value of SAR (measured) = 0.866 mW/g



#12 LTE Band 17_QPSK(25-13)_10M_Bottom Face_0cm_Ch23790

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.935 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch23790/Area Scan (101x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

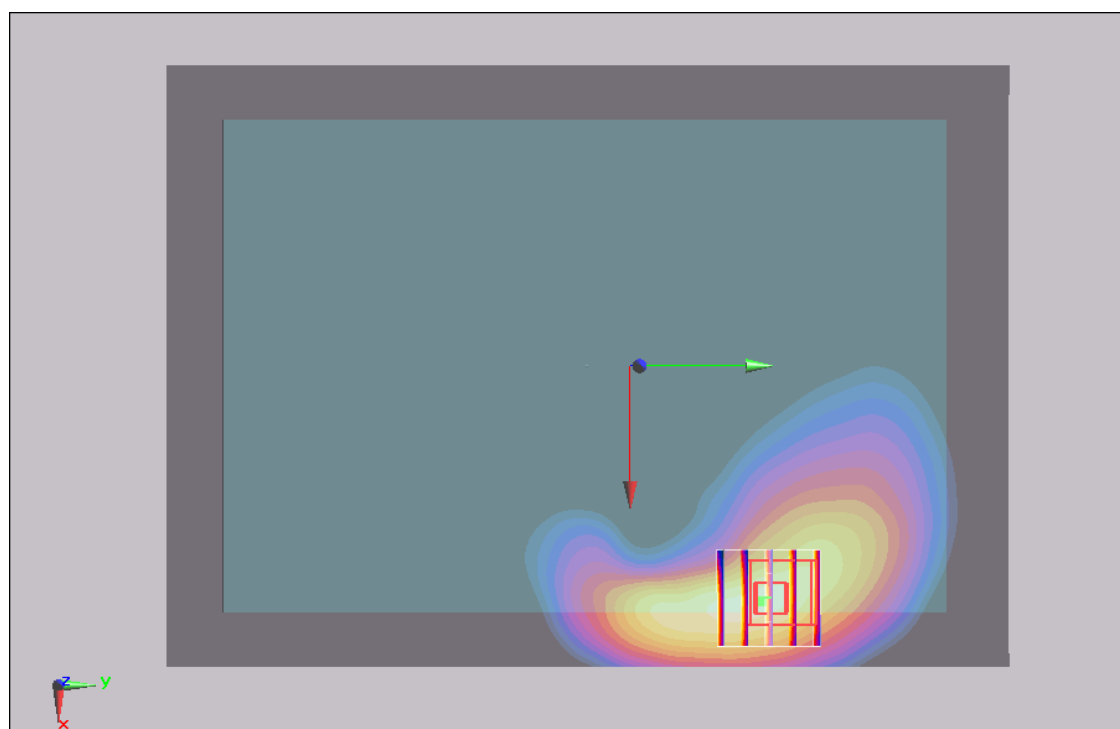
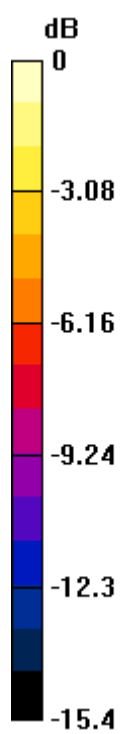
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.4 V/m ; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.826 mW/g ; SAR(10 g) = 0.470 mW/g

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



0 dB = 0.967mW/g

#13 LTE Band 17_QPSK(25-13)_10M_Bottom Face_0cm_Ch23800

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.937 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch23800/Area Scan (41x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.947 mW/g

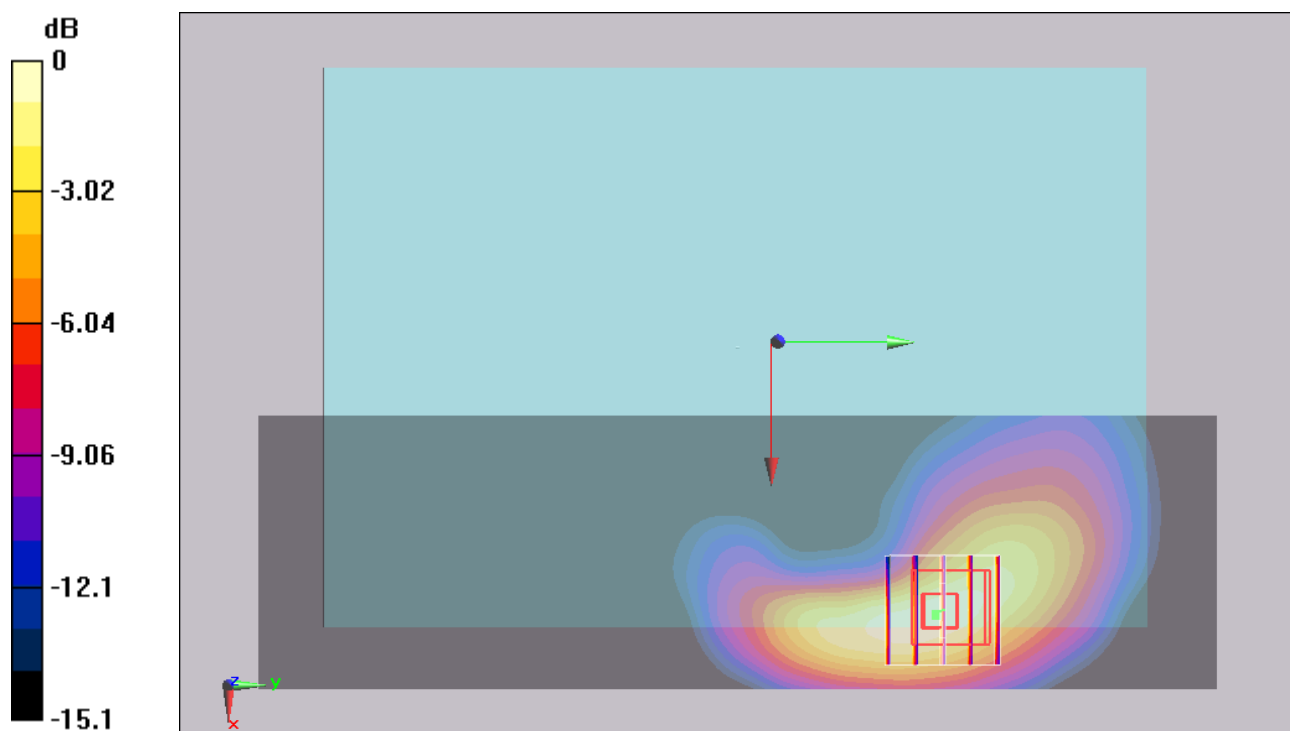
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.82 V/m ; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.850 mW/g ; SAR(10 g) = 0.484 mW/g

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



#14 LTE Band 17_QPSK(1-0)_10M_Bottom Face_0cm_Ch23800

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.937 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch23800/Area Scan (41x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.628 mW/g

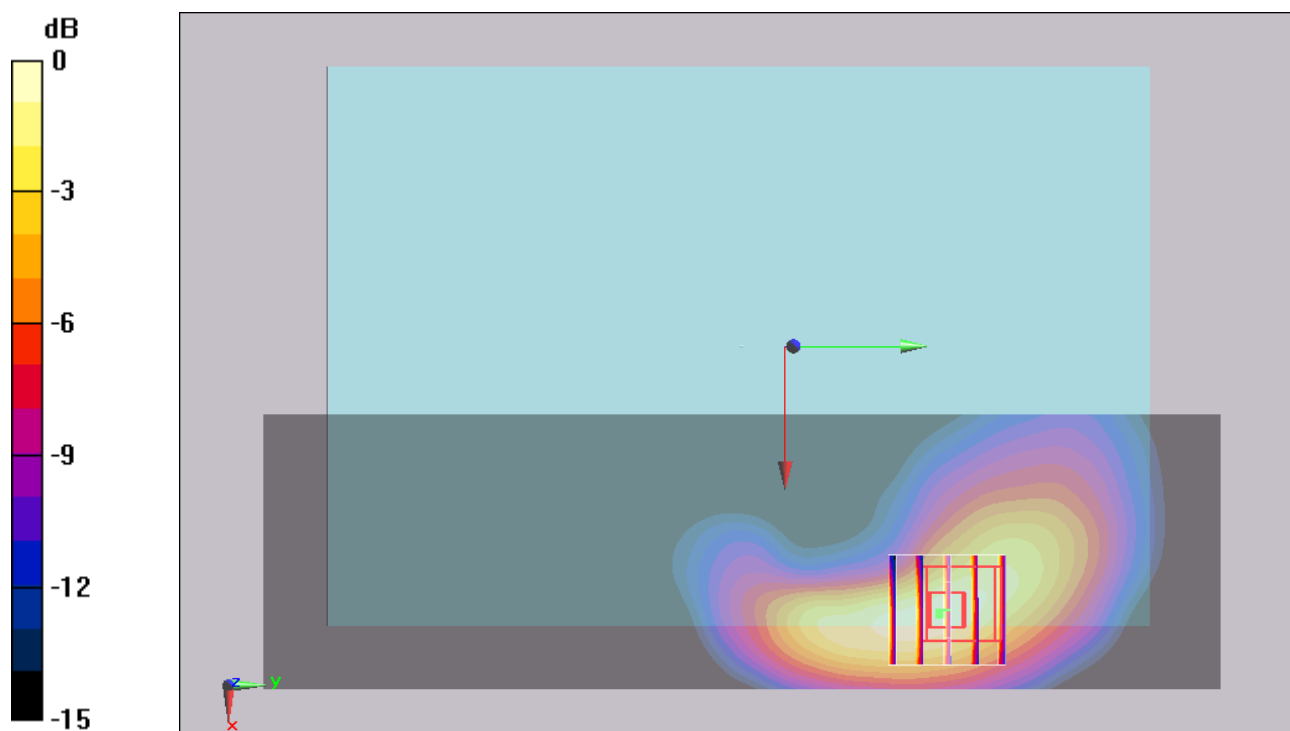
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.71 V/m ; Power Drift = -0.160 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.571 mW/g ; SAR(10 g) = 0.328 mW/g

Maximum value of SAR (measured) = 0.661 mW/g



#15 LTE Band 17_QPSK(1-49)_10M_Bottom Face_0cm_Ch23800

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.937 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch23800/Area Scan (41x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.814 mW/g

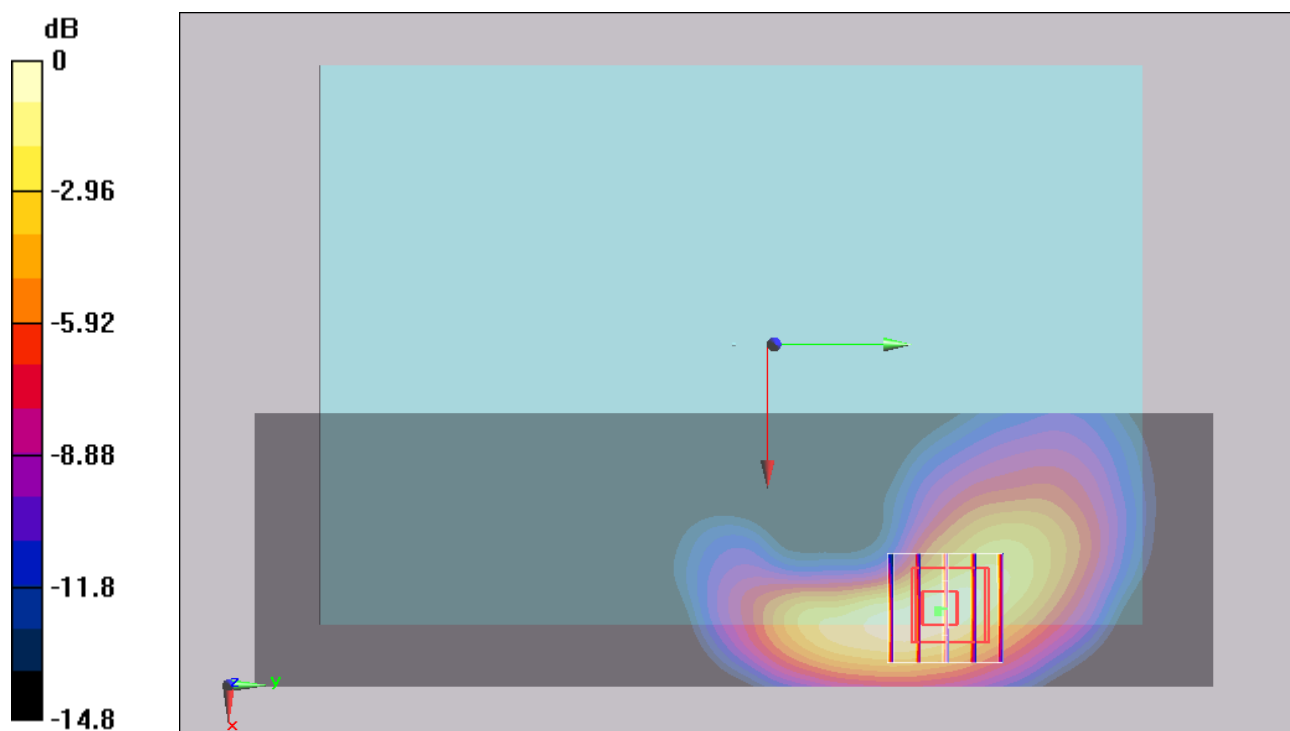
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.02 V/m ; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 1.3 W/kg

SAR(1 g) = 0.734 mW/g ; SAR(10 g) = 0.419 mW/g

Maximum value of SAR (measured) = 0.847 mW/g



#21 LTE Band 17_16QAM(25-13)_10M_Bottom Face_0cm_Ch23800

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.937 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch23800/Area Scan (41x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

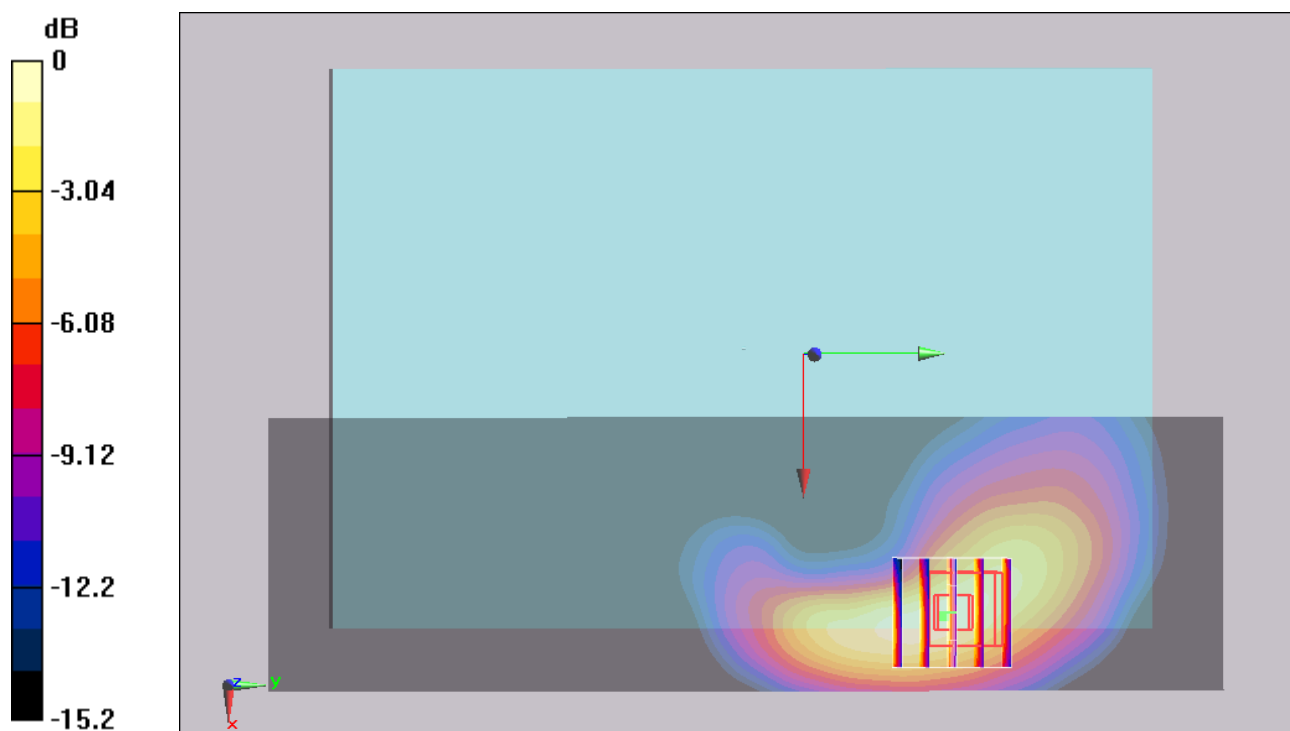
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.83 V/m ; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.855 mW/g ; SAR(10 g) = 0.486 mW/g

Maximum value of SAR (measured) = 0.988 mW/g



#21 LTE Band 17_16QAM(25-13)_10M_Bottom Face_0cm_Ch23800_2D**DUT: 240709**

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

Medium: MSL_750_120816 Medium parameters used: $f = 711$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch23800/Area Scan (41x141x1): Measurement grid: dx=20mm, dy=20mm

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

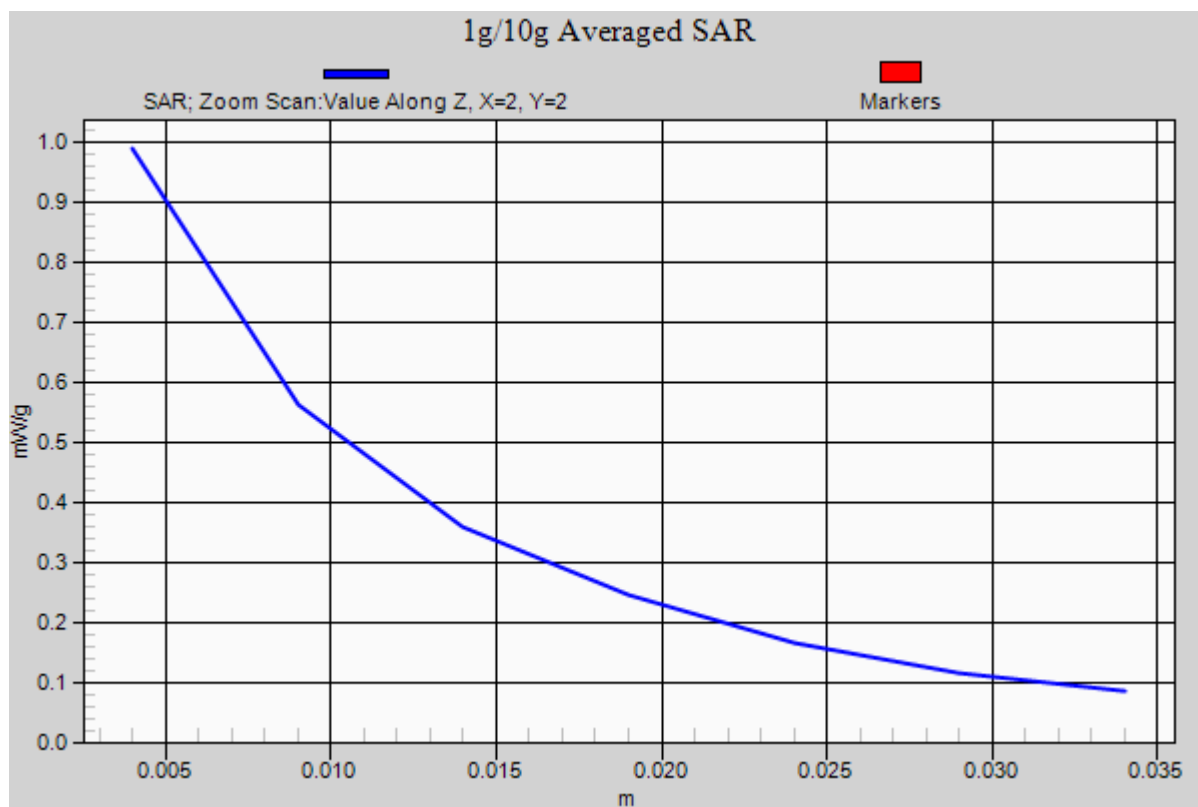
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.83 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.855 mW/g; SAR(10 g) = 0.486 mW/g

Maximum value of SAR (measured) = 0.988 mW/g



#22 LTE Band 17_16QAM(1-0)_10M_Bottom Face_0cm_Ch23800

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.937 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch23800/Area Scan (41x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.661 mW/g

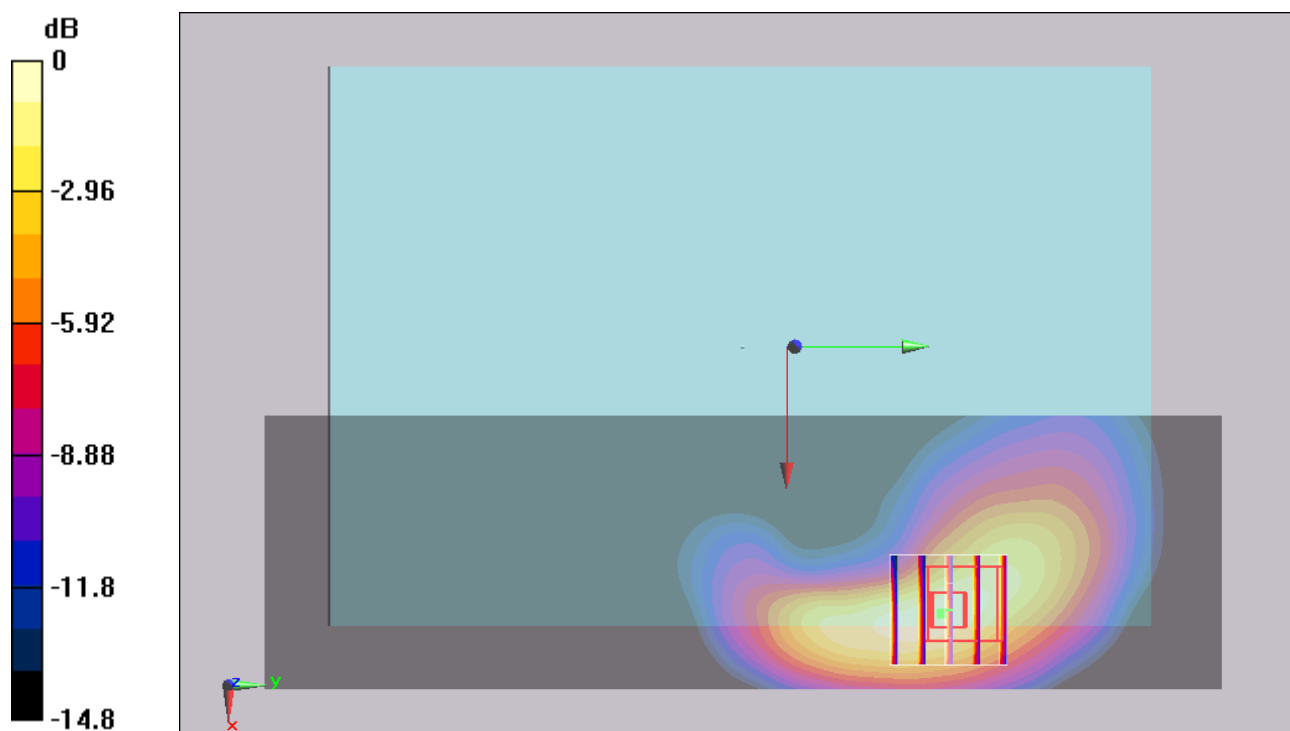
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.76 V/m ; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.598 mW/g ; SAR(10 g) = 0.345 mW/g

Maximum value of SAR (measured) = 0.693 mW/g



0 dB = 0.693mW/g

#23 LTE Band 17_16QAM(1-49)_10M_Bottom Face_0cm_Ch23800

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.937 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch23800/Area Scan (41x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

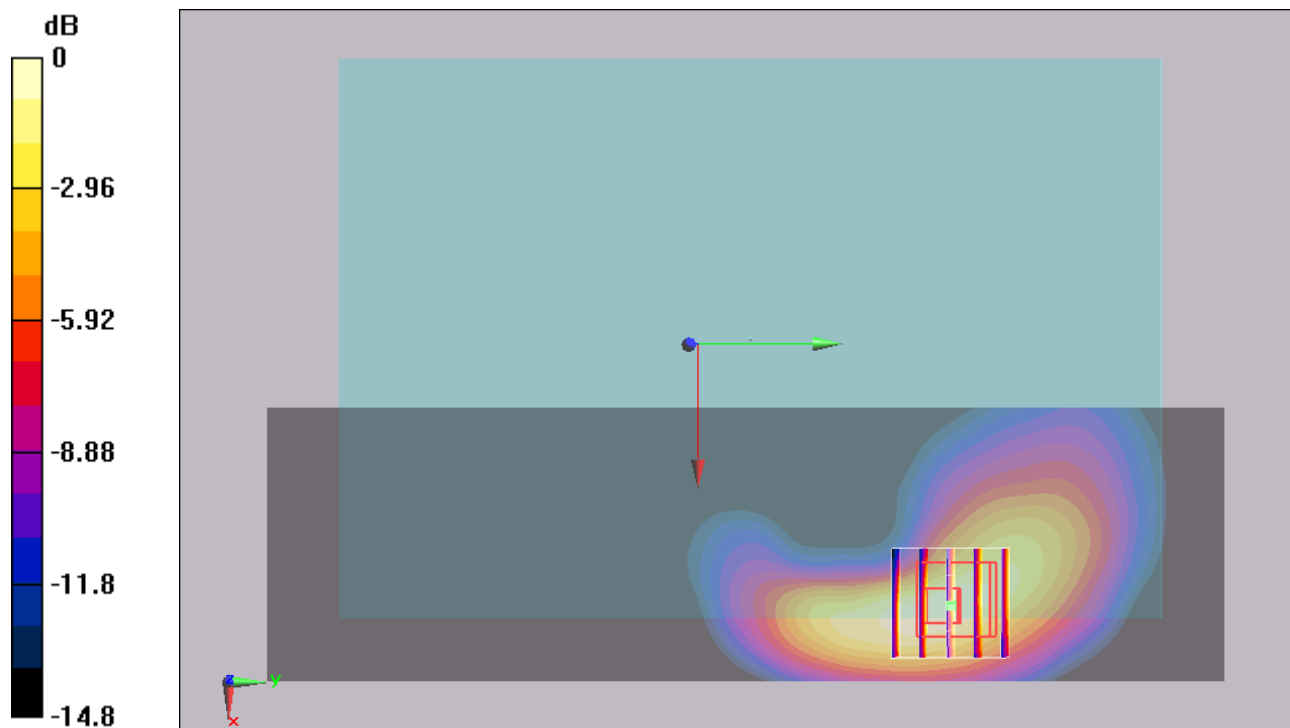
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.64 V/m ; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.737 mW/g ; SAR(10 g) = 0.418 mW/g

Maximum value of SAR (measured) = 0.853 mW/g



0 dB = 0.853mW/g

#17 LTE Band 17_QPSK(25-13)_10M_Edge 1_0cm_Ch23790

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.935 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

Maximum value of SAR (interpolated) = 0.535 mW/g

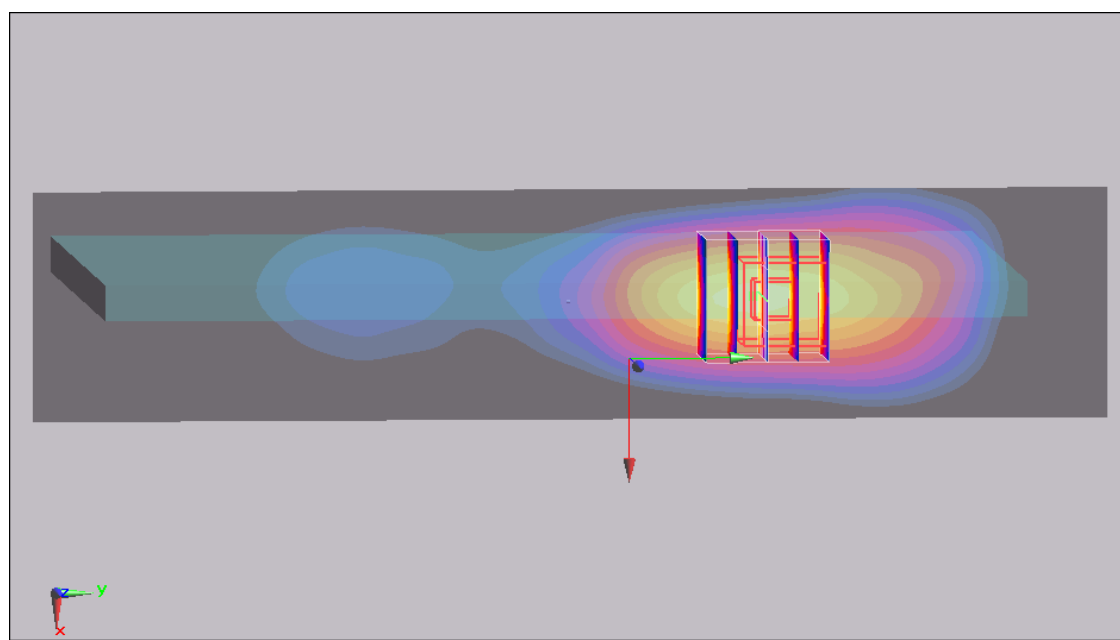
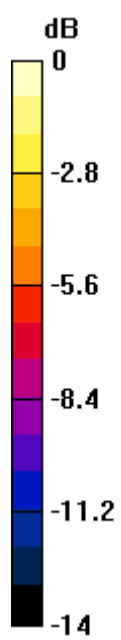
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.2 V/m ; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.662 mW/g ; SAR(10 g) = 0.351 mW/g

Maximum value of SAR (measured) = 0.748 mW/g



0 dB = 0.748mW/g

#19 LTE Band 17_QPSK(1-0)_10M_Edge 1_0cm_Ch23790

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.935 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

Maximum value of SAR (interpolated) = 0.463 mW/g

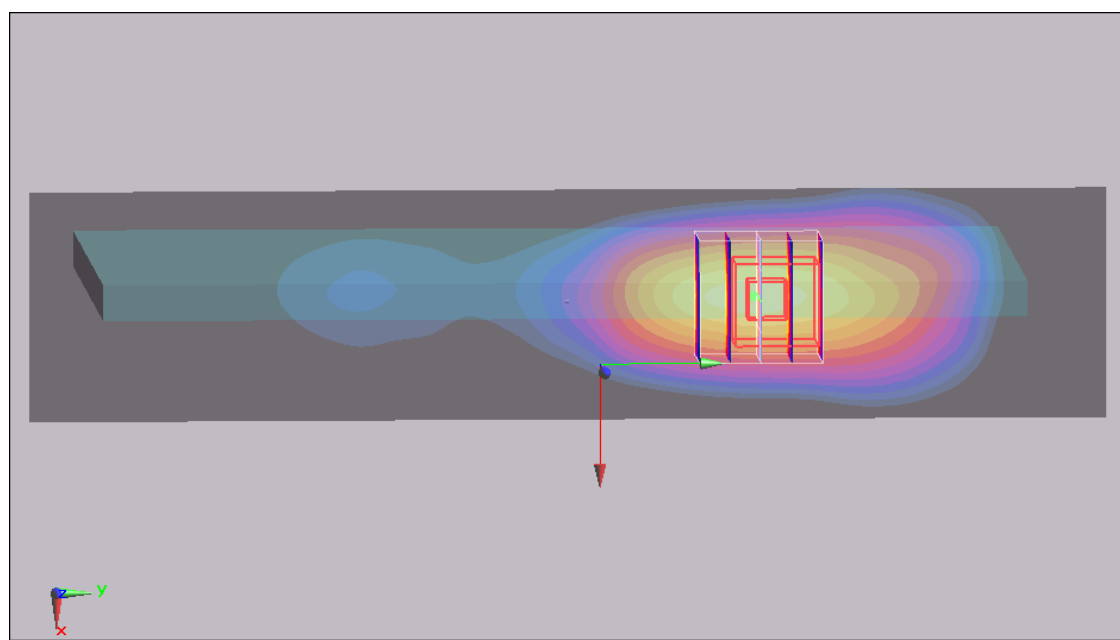
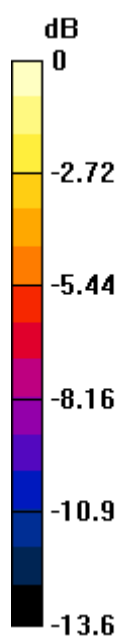
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.2 V/m ; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.555 mW/g ; SAR(10 g) = 0.297 mW/g

Maximum value of SAR (measured) = 0.620 mW/g



0 dB = 0.620mW/g

#20 LTE Band 17_QPSK(1-49)_10M_Edge 1_0cm_Ch23790

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.935 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

Maximum value of SAR (interpolated) = 0.523 mW/g

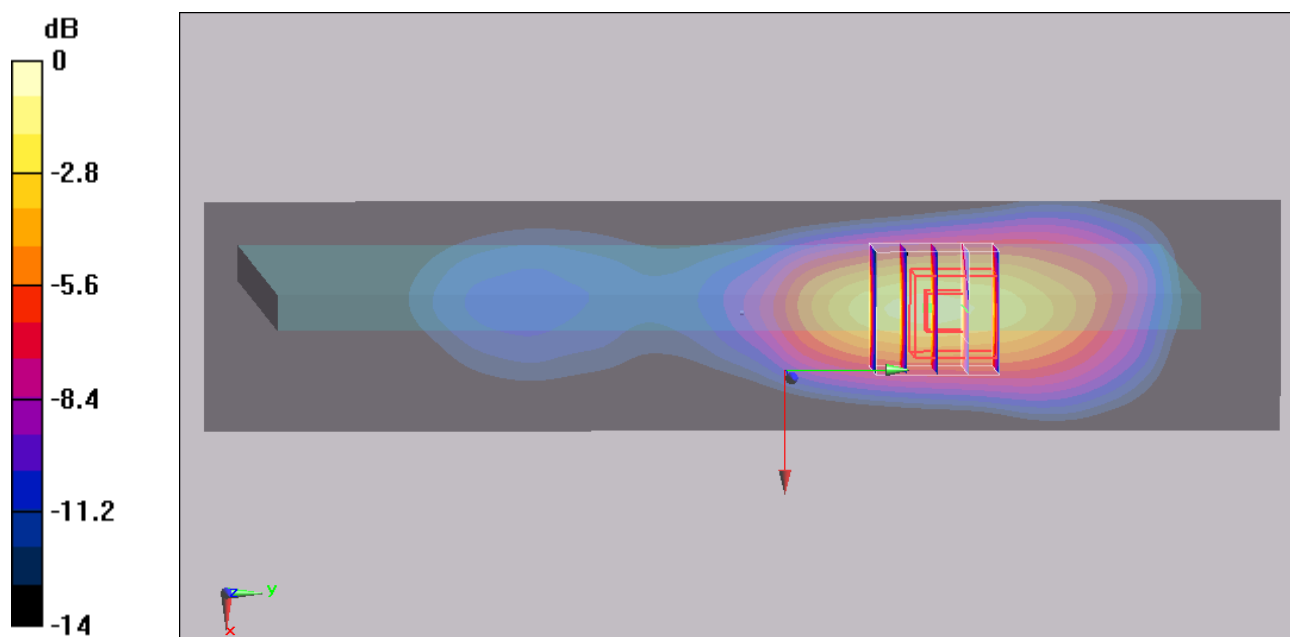
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.4 V/m ; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.646 mW/g ; SAR(10 g) = 0.343 mW/g

Maximum value of SAR (measured) = 0.730 mW/g



0 dB = 0.730mW/g

#24 LTE Band 17_16QAM(25-13)_10M_Edge 1_0cm_Ch23790

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.935 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

Maximum value of SAR (interpolated) = 0.528 mW/g

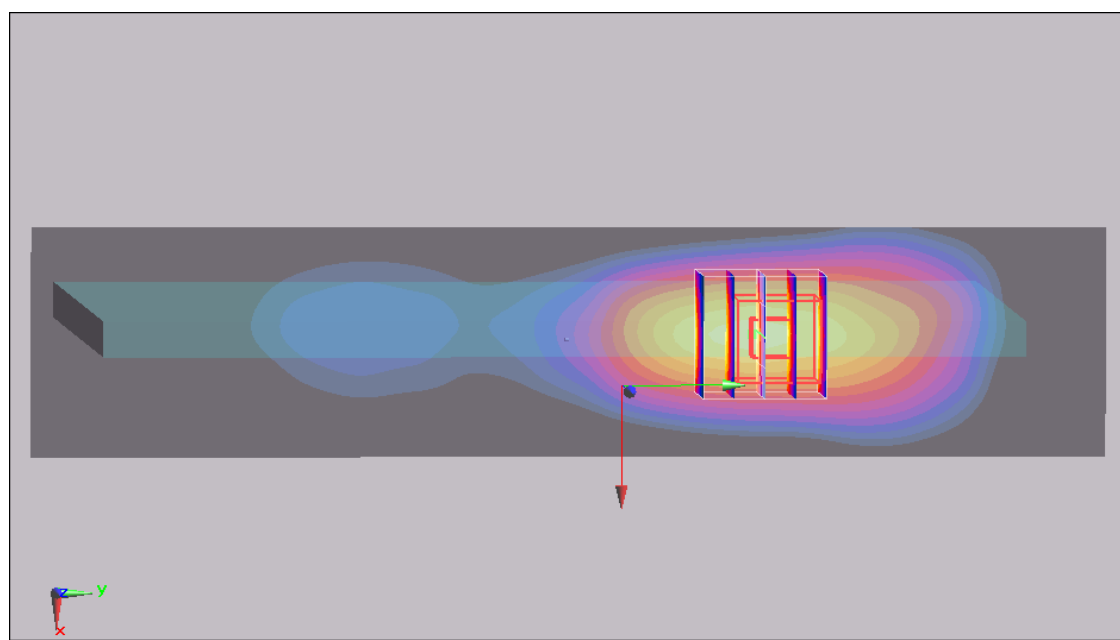
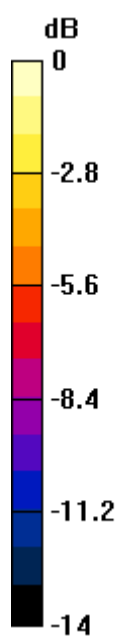
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.2 V/m ; Power Drift = 0.079 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.656 mW/g ; SAR(10 g) = 0.346 mW/g

Maximum value of SAR (measured) = 0.739 mW/g



0 dB = 0.739mW/g

#25 LTE Band 17_16QAM(1-0)_10M_Edge 1_0cm_Ch23790

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.935 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

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

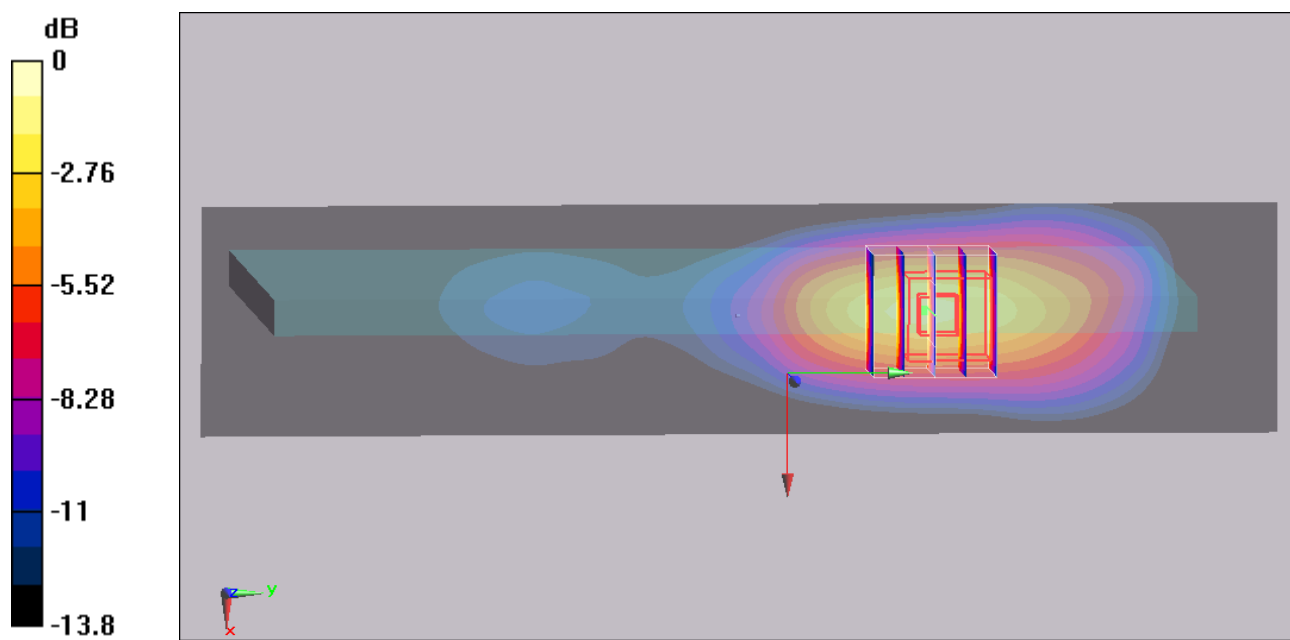
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.3 V/m ; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.556 mW/g ; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.631 mW/g



0 dB = 0.631mW/g

#26 LTE Band 17_16QAM(1-49)_10M_Edge 1_0cm_Ch23790

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.935 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

Maximum value of SAR (interpolated) = 0.530 mW/g

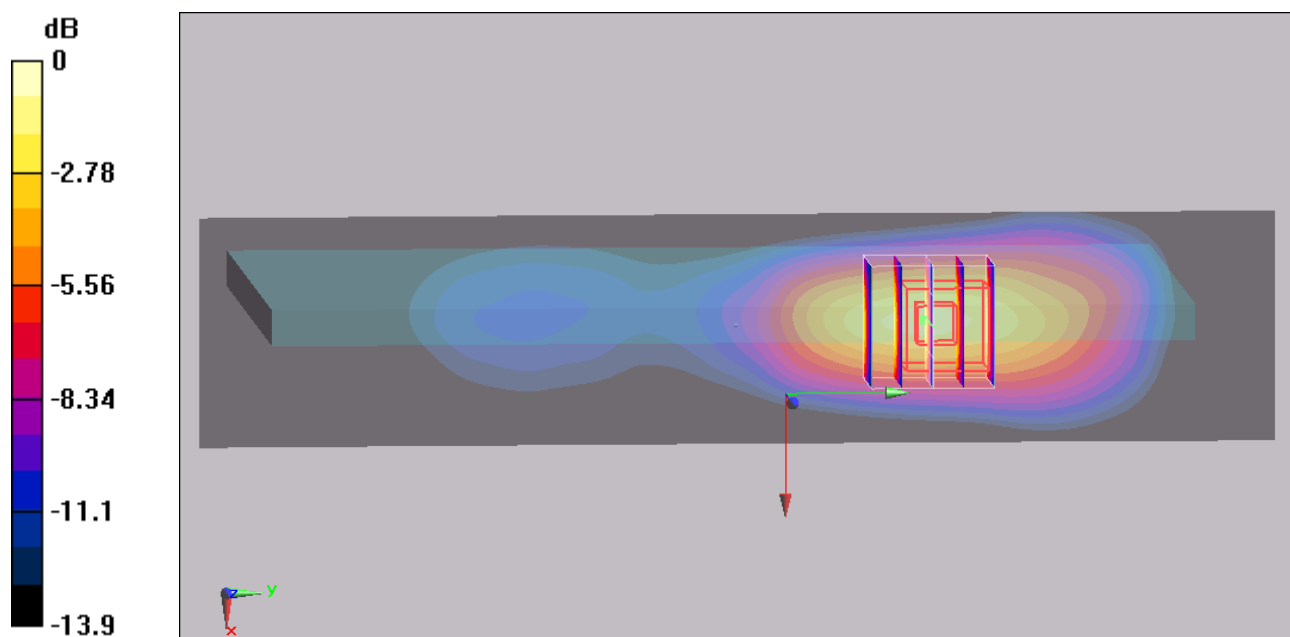
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.4 V/m ; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.652 mW/g ; SAR(10 g) = 0.345 mW/g

Maximum value of SAR (measured) = 0.738 mW/g



0 dB = 0.738mW/g

#123 LTE Band 17_QPSK(1-49)_10M_Curved surface of Edge 1

_Bottom Face tilted_0cm_Ch23800

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.937 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch23800/Area Scan (101x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

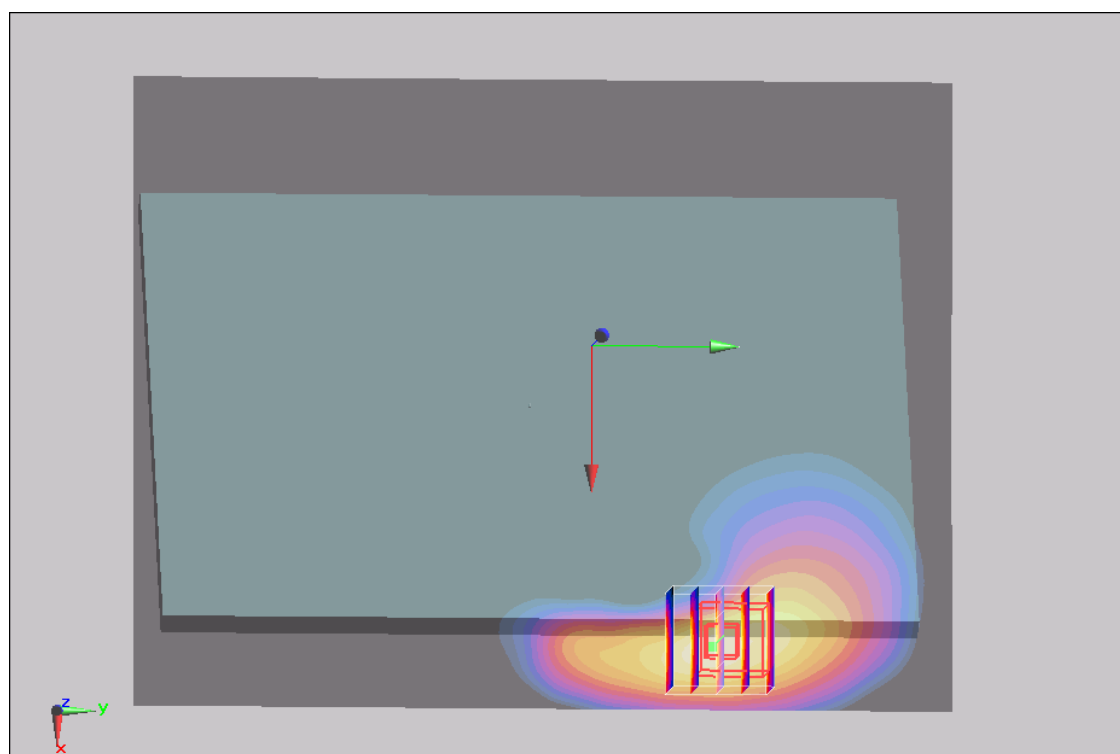
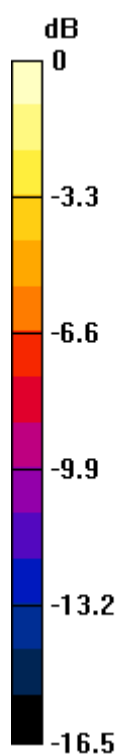
Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.71 V/m ; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 2.18 W/kg

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

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



0 dB = 1.22mW/g

#116 LTE Band 17_QPSK(1-49)_10M_Curved surface of Edge 1

_Bottom Face tilted_0cm_Ch23780

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 709 \text{ MHz}$; $\sigma = 0.934 \text{ mho/m}$; $\epsilon_r = 55.2$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch23780/Area Scan (41x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

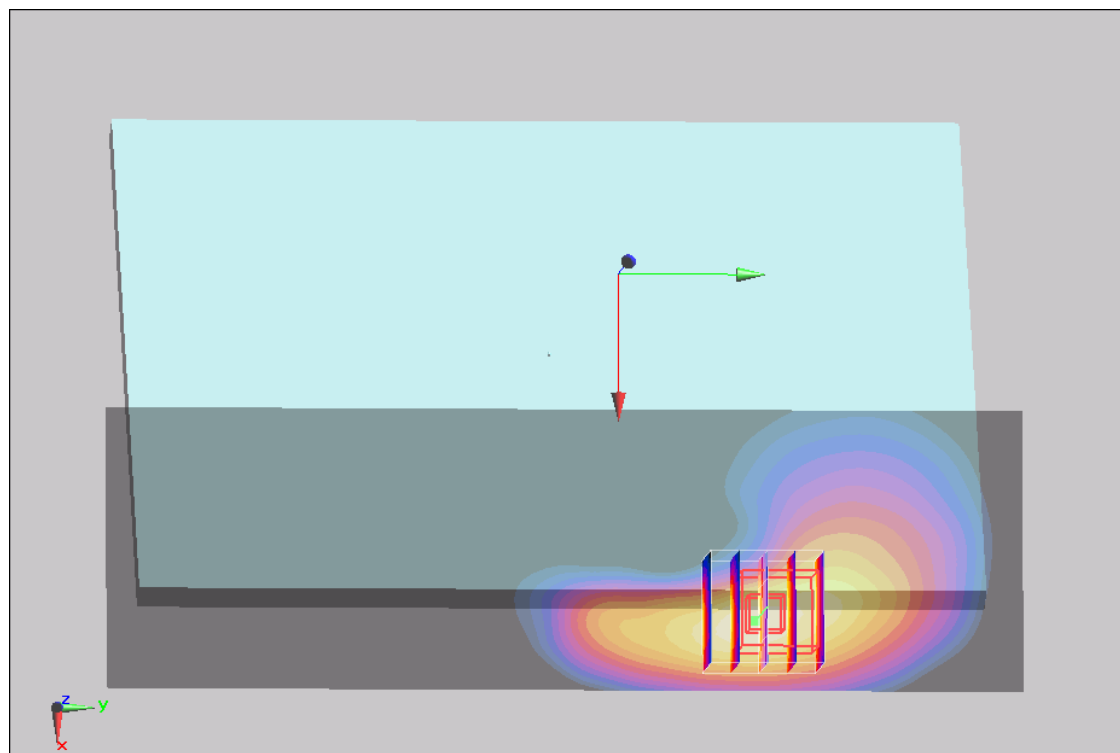
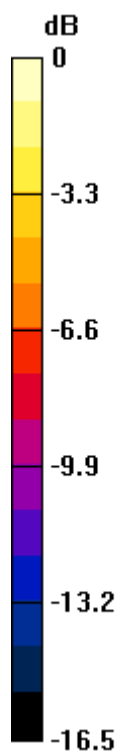
Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.85 V/m ; Power Drift = -0.0252 dB

Peak SAR (extrapolated) = 2.3 W/kg

SAR(1 g) = 1.05 mW/g ; SAR(10 g) = 0.523 mW/g

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



0 dB = 1.27mW/g

#117 LTE Band 17_QPSK(1-49)_10M_Curved surface of Edge 1

_Bottom Face tilted_0cm_Ch23790

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.935 \text{ mho/m}$; $\epsilon_r = 55.1$; ρ

$= 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch23790/Area Scan (41x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

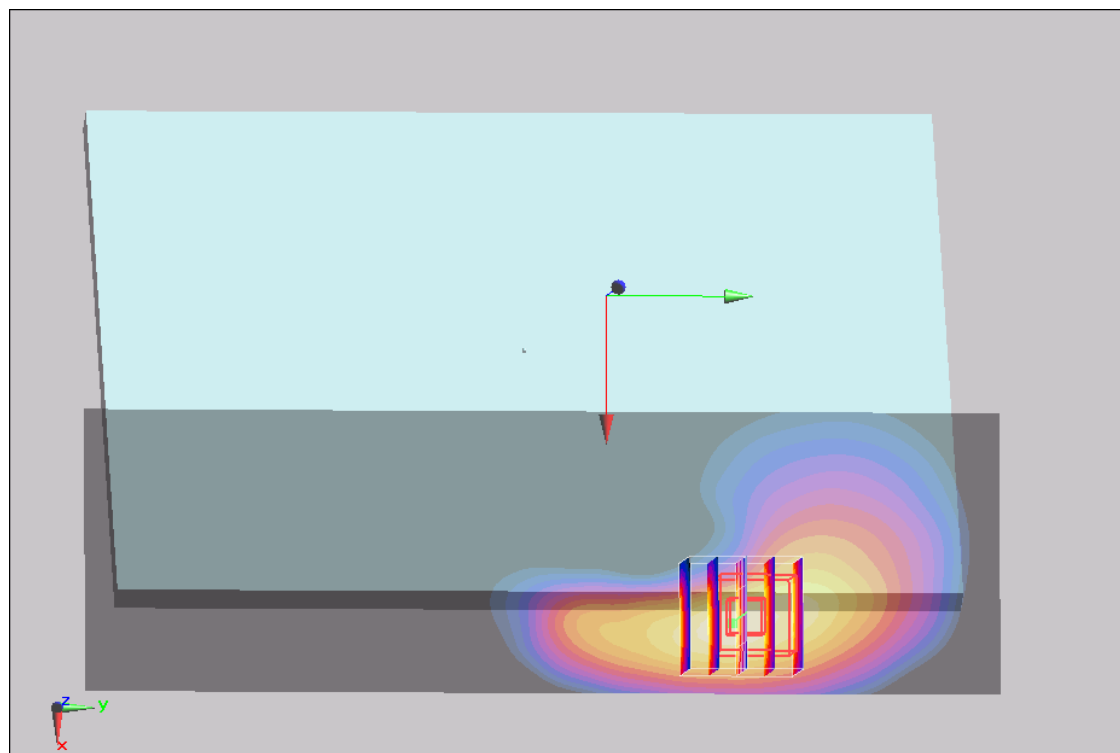
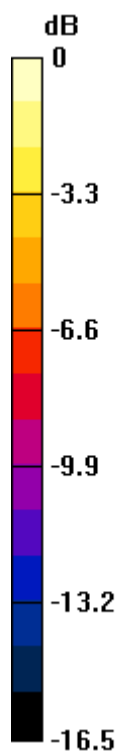
Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.76 V/m ; Power Drift = 0.161 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 1.02 mW/g ; SAR(10 g) = 0.506 mW/g

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



0 dB = 1.22mW/g

#120 LTE Band 17_16QAM(25-13)_10M_Curved surface of Edge 1
_Bottom Face tilted_0cm_Ch23800

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.937 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

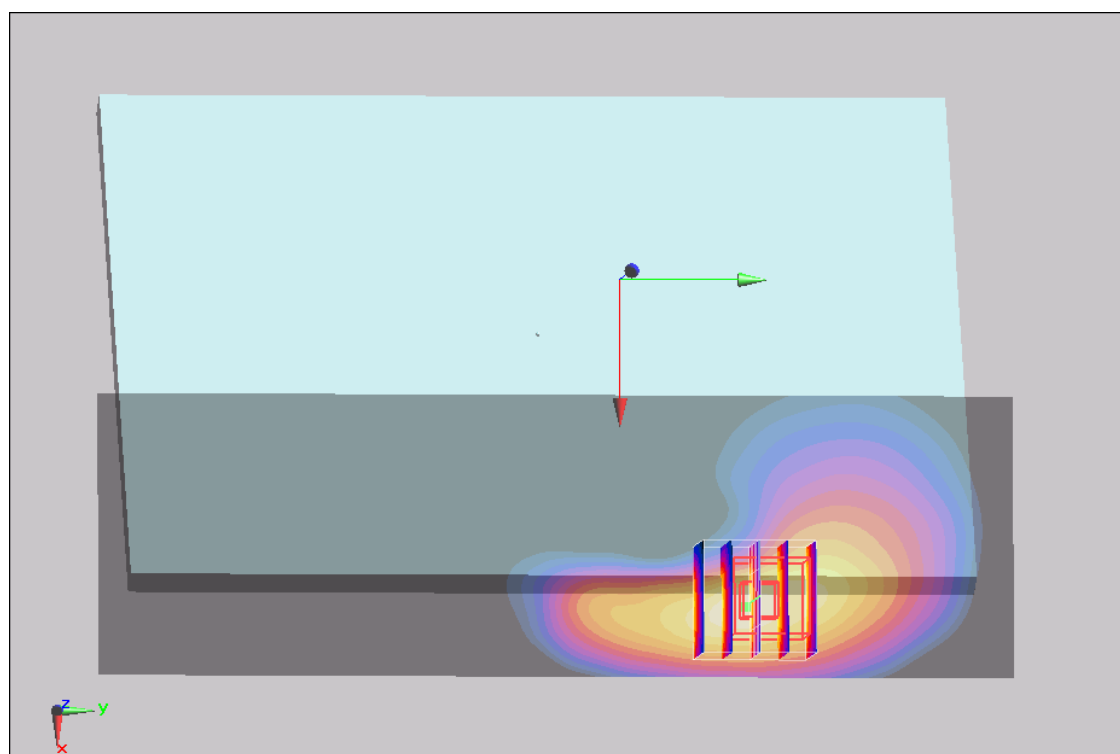
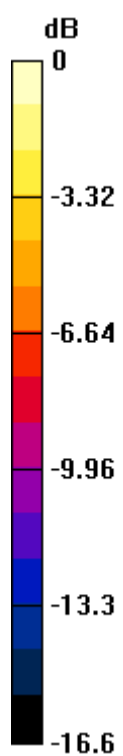
Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch23800/Area Scan (41x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 1.36 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 1.97 V/m ; Power Drift = -0.097 dB
Peak SAR (extrapolated) = 2.63 W/kg
SAR(1 g) = 1.17 mW/g ; SAR(10 g) = 0.568 mW/g
Maximum value of SAR (measured) = 1.4 mW/g



0 dB = 1.4mW/g

#120 LTE Band 17_16QAM(25-13)_10M_Curved surface of Edge 1 _Bottom Face tilted_0cm_Ch23800_2D

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 711$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

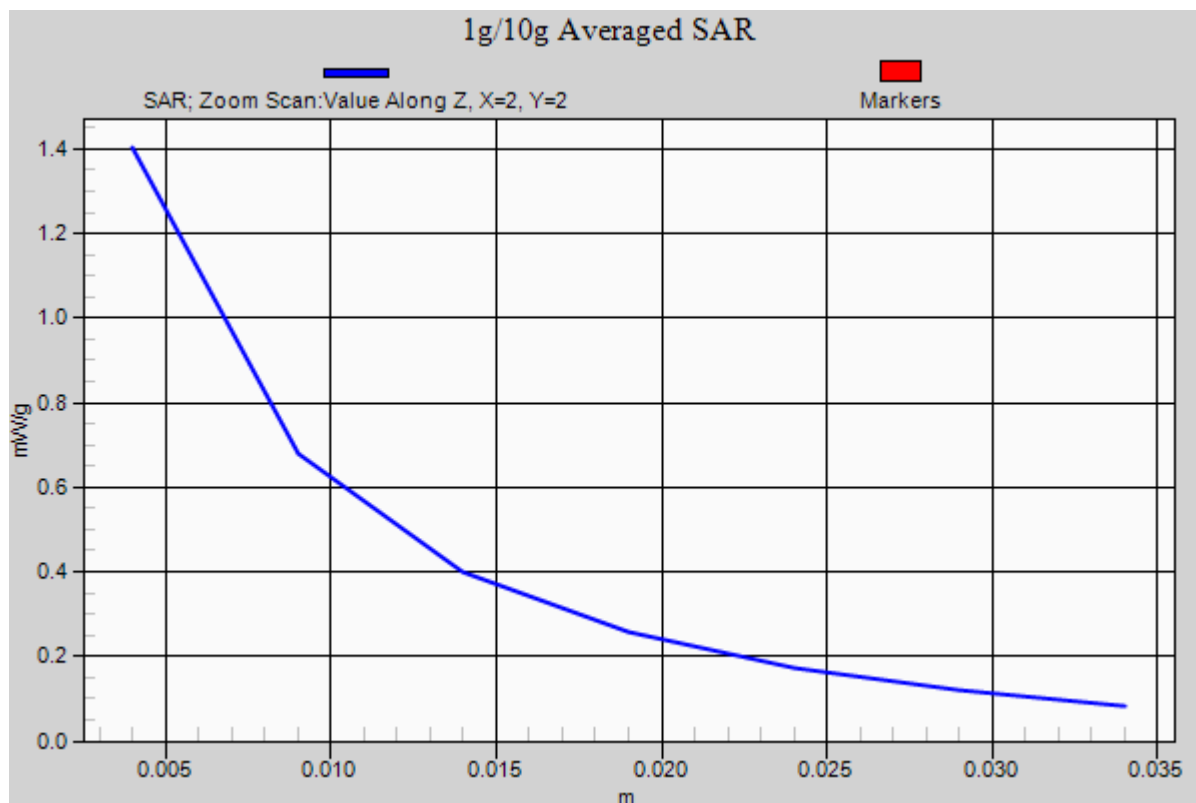
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch23800/Area Scan (41x131x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.36 mW/g

Ch23800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.97 V/m; Power Drift = -0.097 dB
Peak SAR (extrapolated) = 2.63 W/kg
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.568 mW/g
Maximum value of SAR (measured) = 1.4 mW/g



#118 LTE Band 17_16QAM(25-13)_10M_Curved surface of Edge 1
_Bottom Face tilted_0cm_Ch23780

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 709 \text{ MHz}$; $\sigma = 0.934 \text{ mho/m}$; $\epsilon_r = 55.2$; $\rho = 1000 \text{ kg/m}^3$

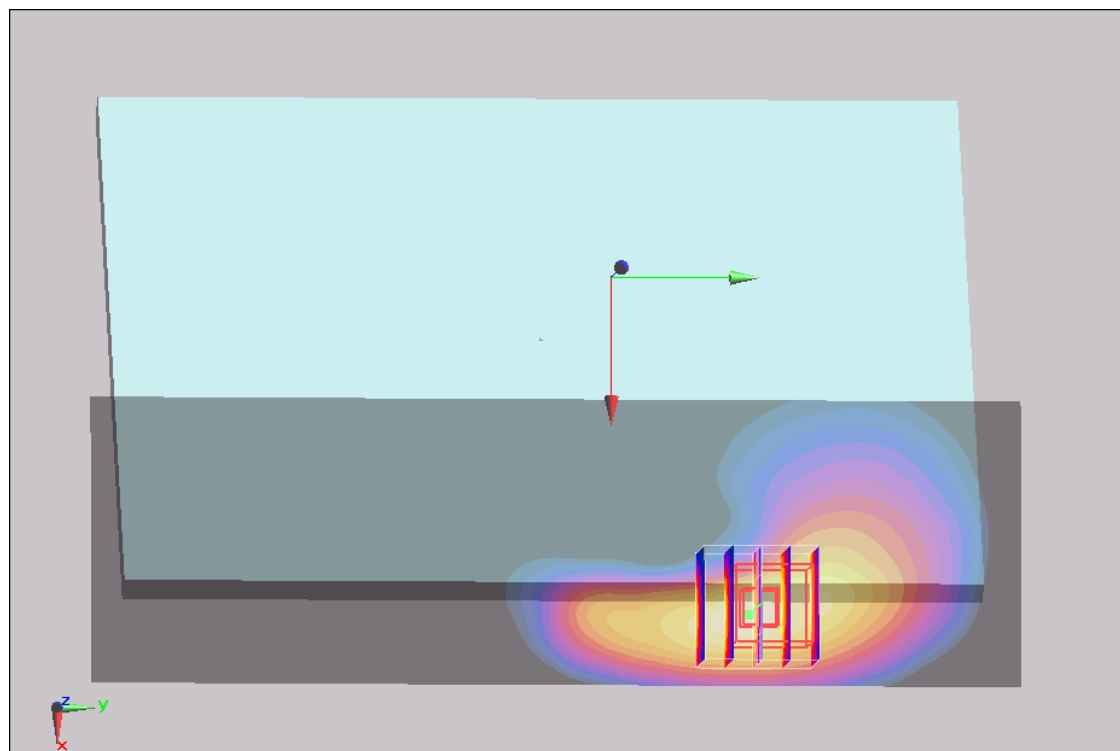
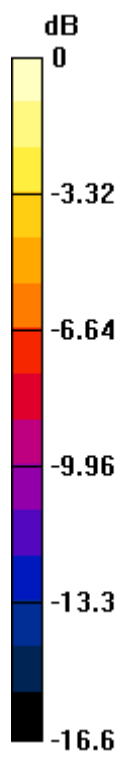
Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch23780/Area Scan (41x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 1.29 mW/g

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 1.97 V/m ; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 2.44 W/kg
SAR(1 g) = 1.09 mW/g ; SAR(10 g) = 0.532 mW/g
Maximum value of SAR (measured) = 1.32 mW/g



0 dB = 1.32mW/g

#119 LTE Band 17_16QAM(25-13)_10M_Curved surface of Edge 1
_Bottom Face tilted_0cm_Ch23790

DUT: 240709

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

Medium: MSL_750_120816 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.935 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

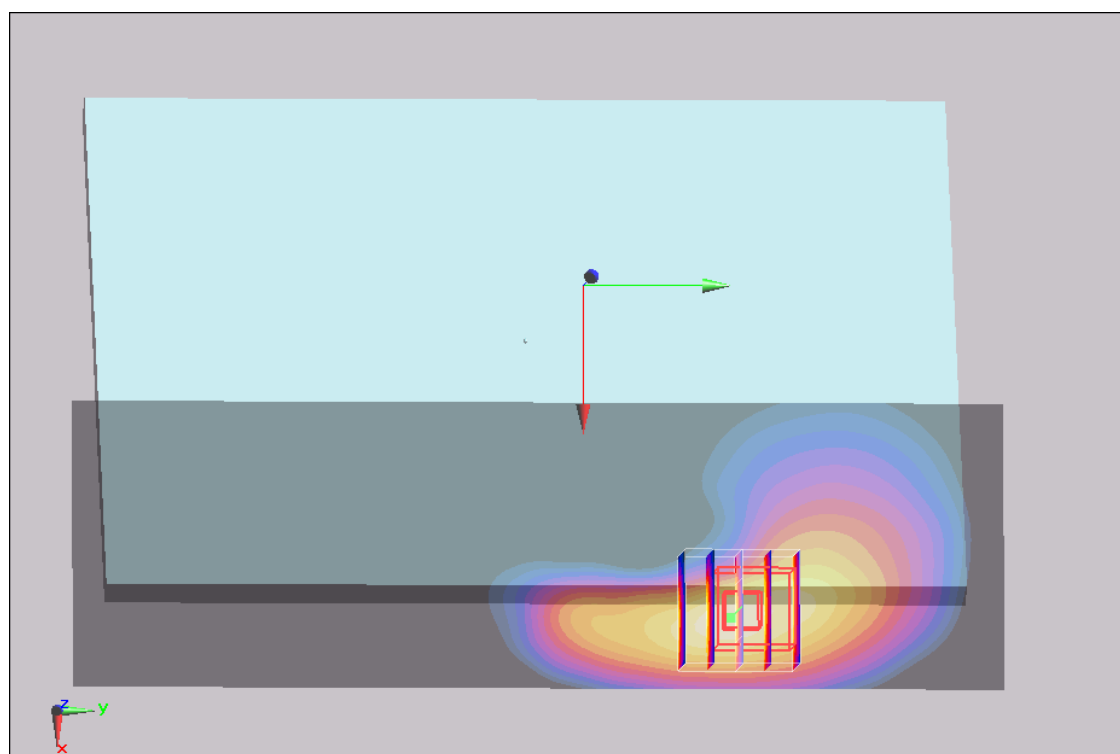
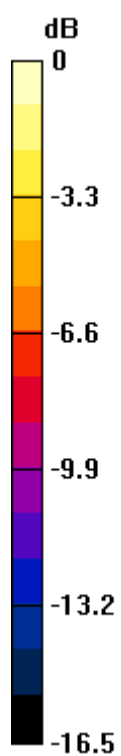
Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch23790/Area Scan (41x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 1.33 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 1.99 V/m ; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.57 W/kg
SAR(1 g) = 1.15 mW/g ; SAR(10 g) = 0.557 mW/g
Maximum value of SAR (measured) = 1.38 mW/g



0 dB = 1.38mW/g

#61 LTE Band 4_QPSK(50-25)_20M_Bottom Face_1.1cm_Ch20175**DUT: 240709**

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$ 51.3; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (101x131x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.523 mW/g

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

Reference Value = 7.03 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 0.725 W/kg

SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.326 mW/g

Maximum value of SAR (measured) = 0.562 mW/g

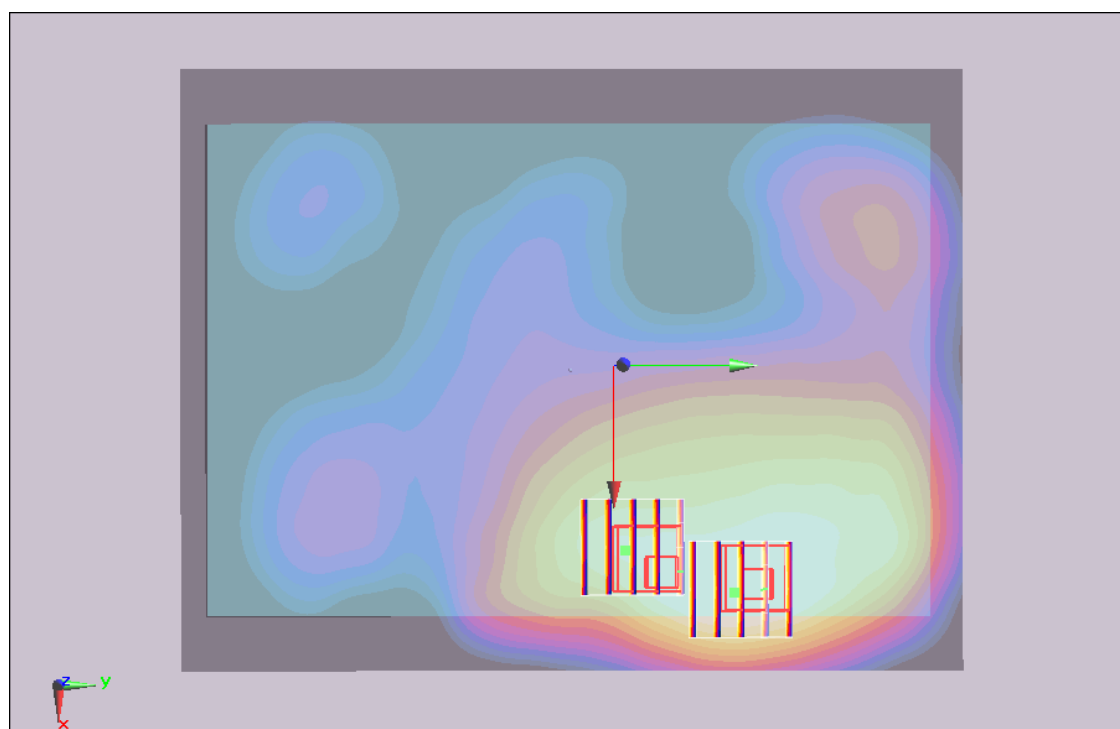
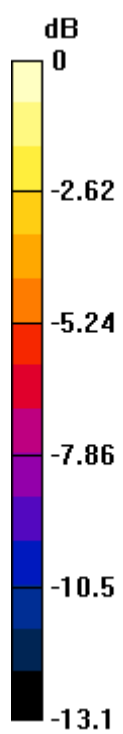
Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.03 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.228 mW/g

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



0 dB = 0.395mW/g

#62 LTE Band 4_QPSK(1-0)_20M_Bottom Face_1.1cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

51.3; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (41x131x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.805 mW/g

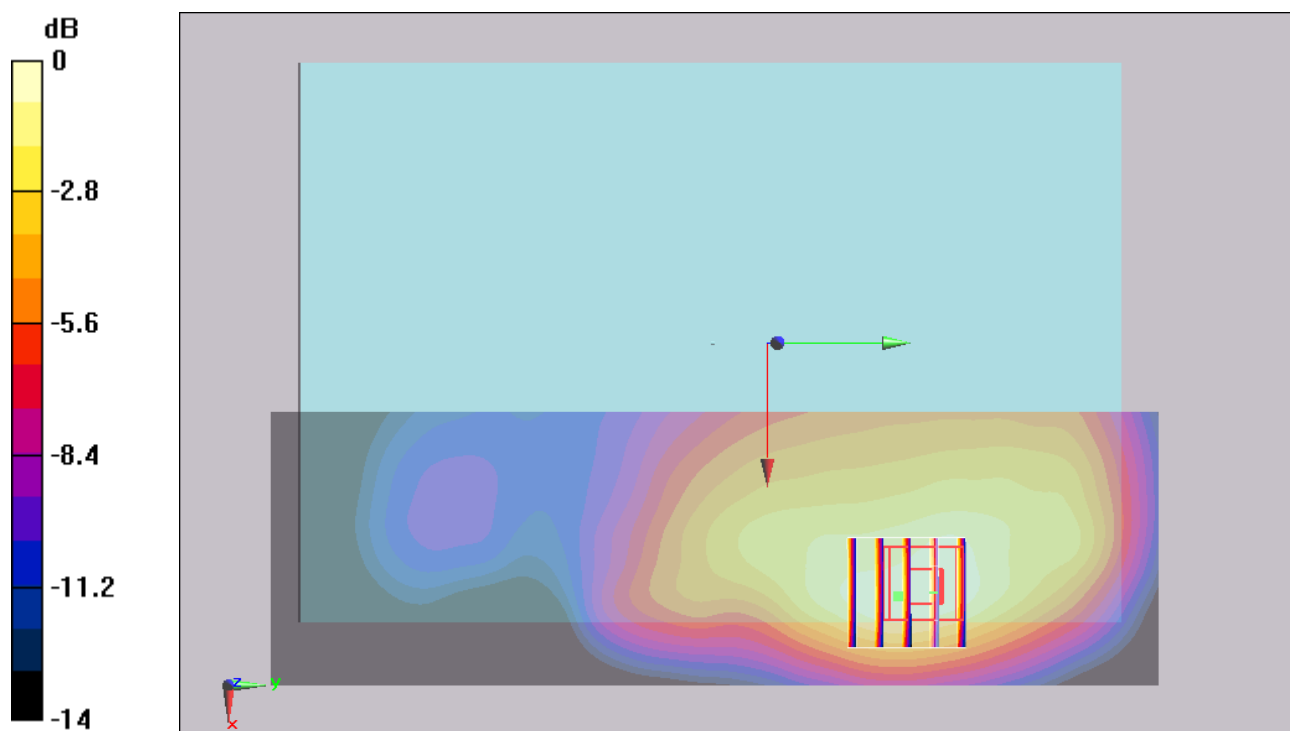
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.18 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.988 W/kg

SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.447 mW/g

Maximum value of SAR (measured) = 0.769 mW/g



#63 LTE Band 4_QPSK(1-99)_20M_Bottom Face_1.1cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

51.3; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (41x131x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.741 mW/g

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

Reference Value = 8.52 V/m; Power Drift = -0.160 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.463 mW/g

Maximum value of SAR (measured) = 0.795 mW/g

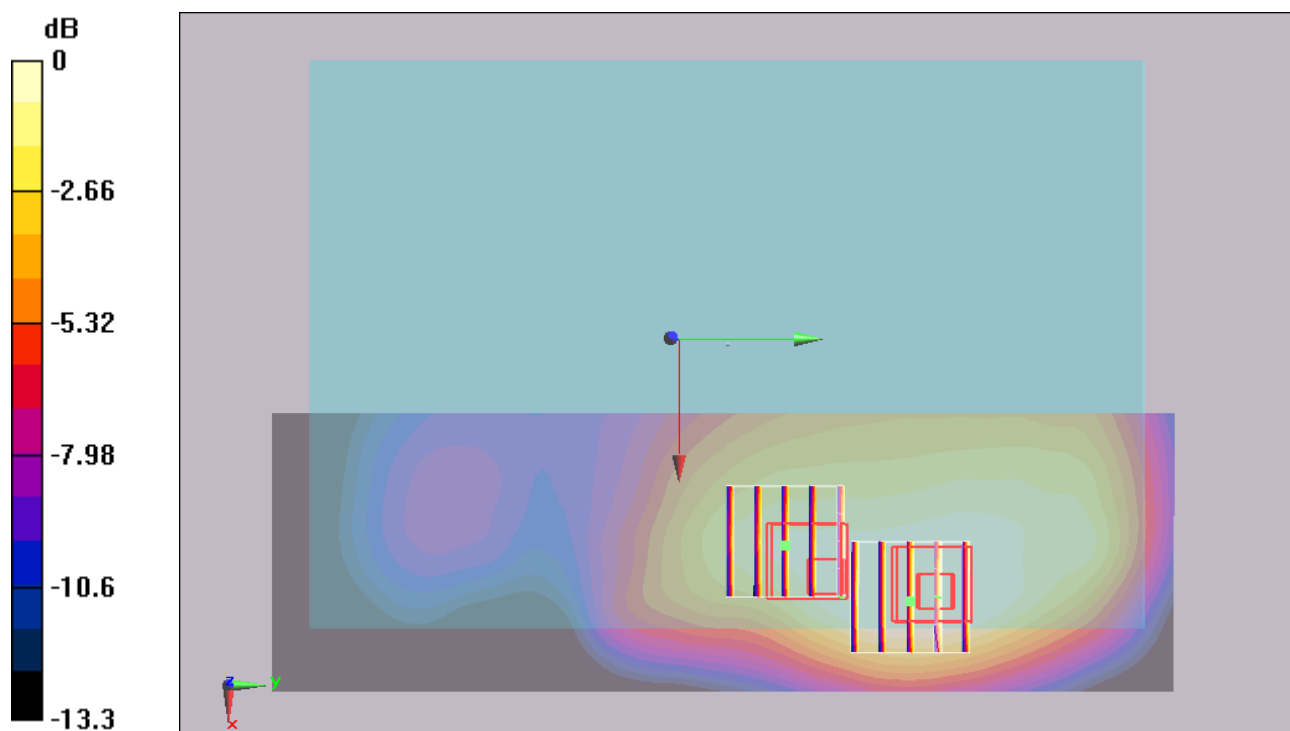
Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.52 V/m; Power Drift = -0.160 dB

Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.570 mW/g



#70 LTE Band 4_16QAM(50-25)_20M_Bottom Face_1.1cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r =$

51.3 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (41x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

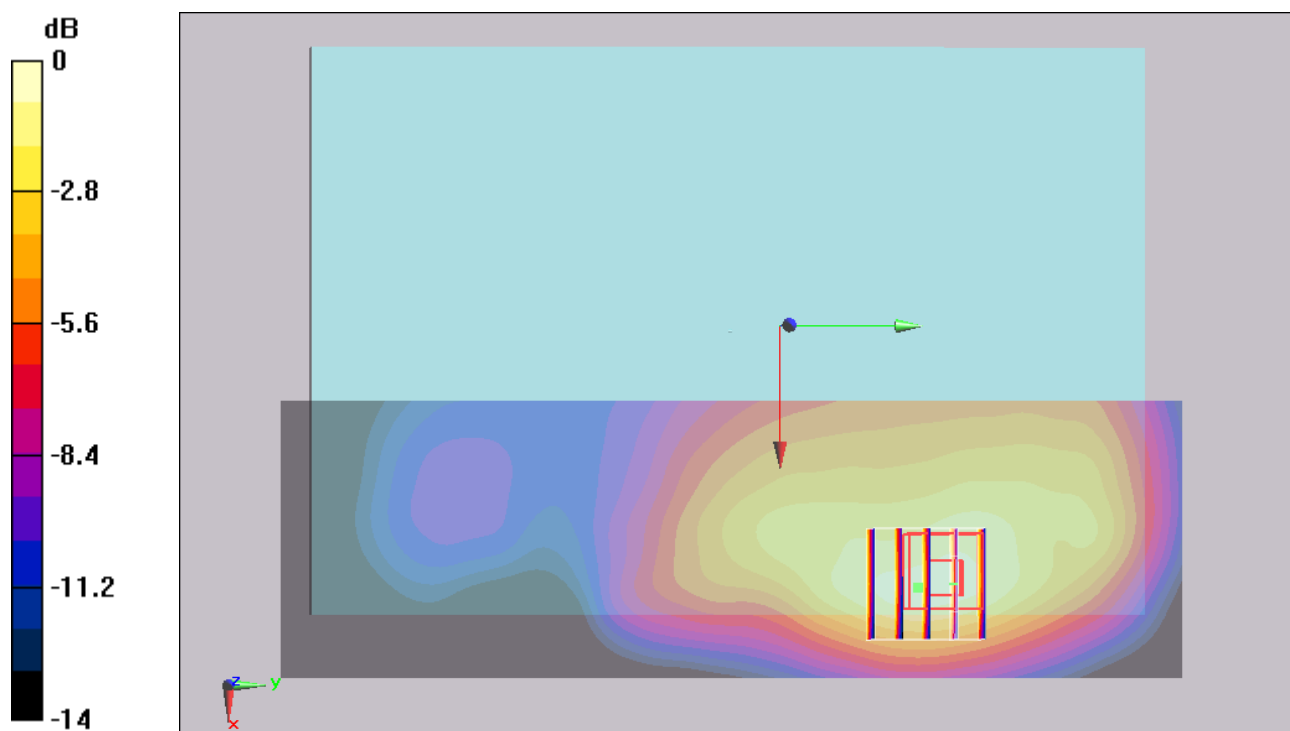
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.23 V/m ; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.567 W/kg

SAR(1 g) = 0.403 mW/g ; SAR(10 g) = 0.255 mW/g

Maximum value of SAR (measured) = 0.439 mW/g



#71 LTE Band 4_16QAM(1-0)_20M_Bottom Face_1.1cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

51.3; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (41x131x1): Measurement grid: dx=20mm, dy=20mm

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

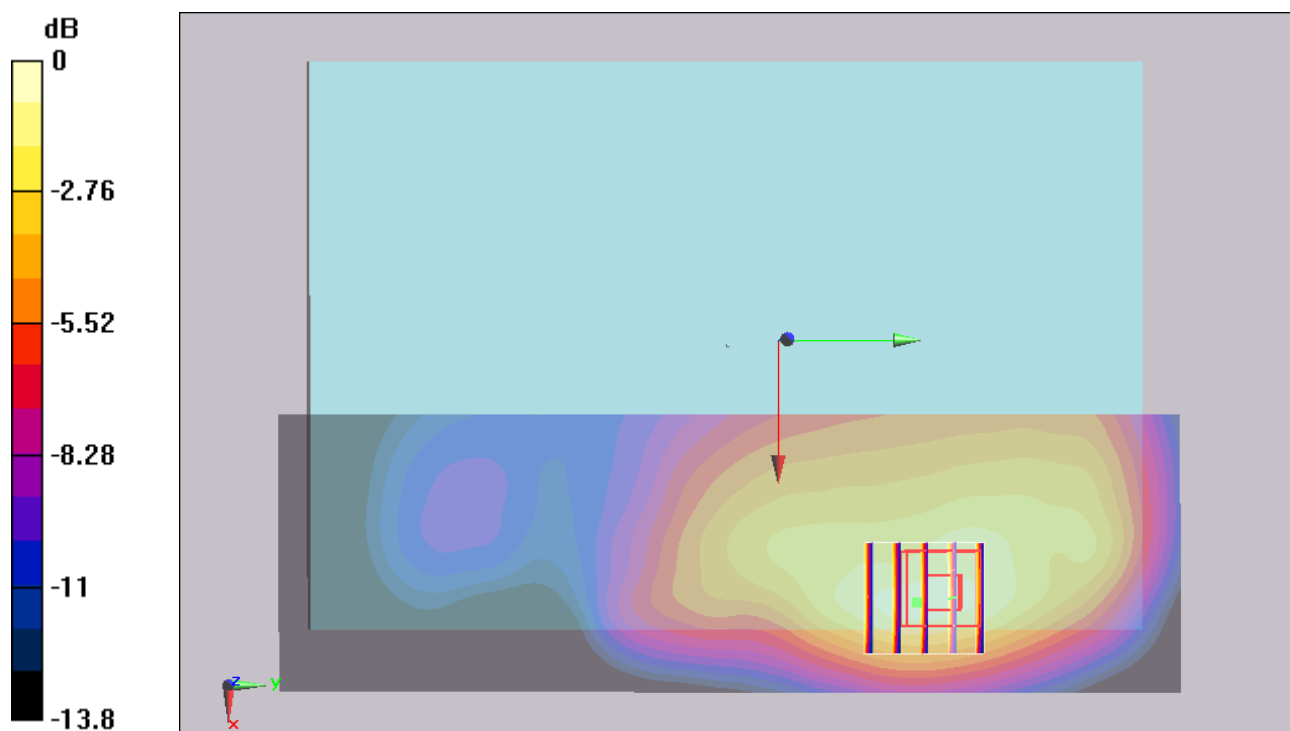
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.32 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.809 W/kg

SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.358 mW/g

Maximum value of SAR (measured) = 0.622 mW/g



#72 LTE Band 4_16QAM(1-99)_20M_Bottom Face_1.1cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

51.3; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (41x131x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.605 mW/g

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

Reference Value = 7.61 V/m; Power Drift = 0.00531 dB

Peak SAR (extrapolated) = 0.811 W/kg

SAR(1 g) = 0.578 mW/g; SAR(10 g) = 0.368 mW/g

Maximum value of SAR (measured) = 0.624 mW/g

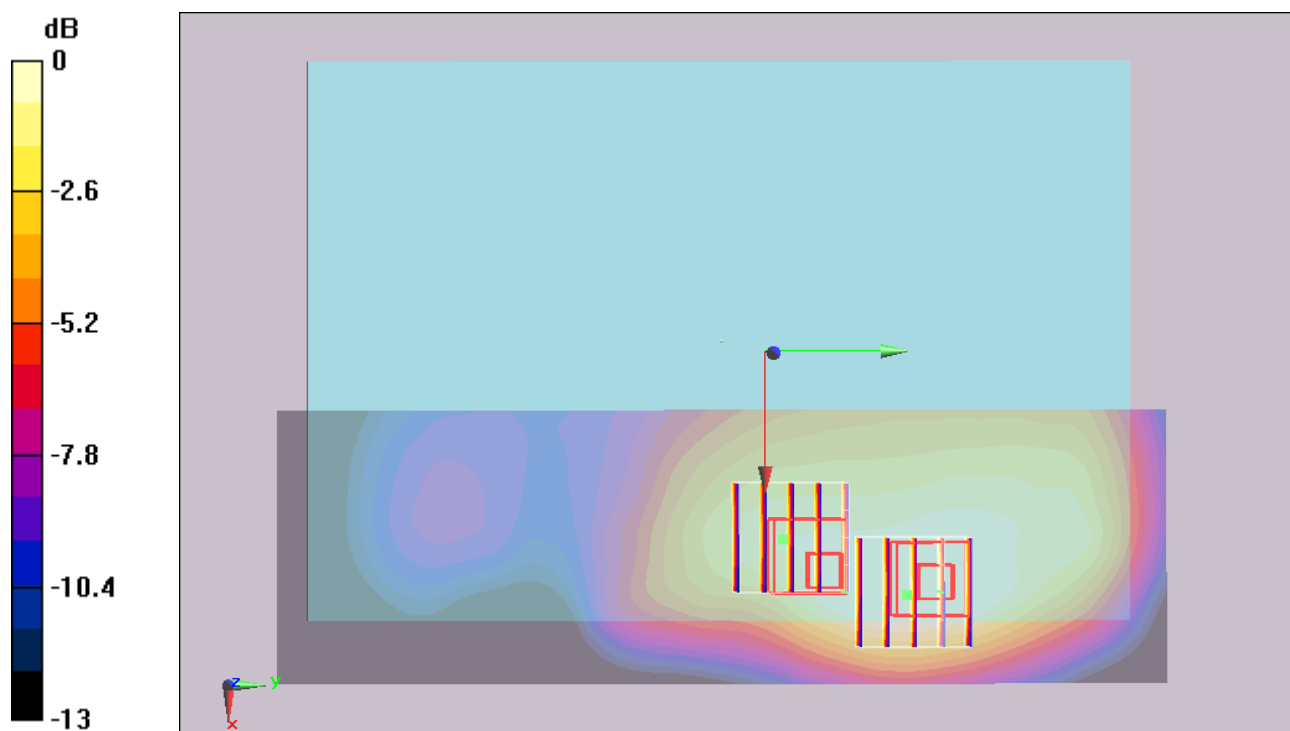
Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.61 V/m; Power Drift = 0.00531 dB

Peak SAR (extrapolated) = 0.608 W/kg

SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.264 mW/g

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



0 dB = 0.465mW/g

#64 LTE Band 4_QPSK(50-25)_20M_Edge 1_0.9cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

51.3; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (31x131x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.590 mW/g

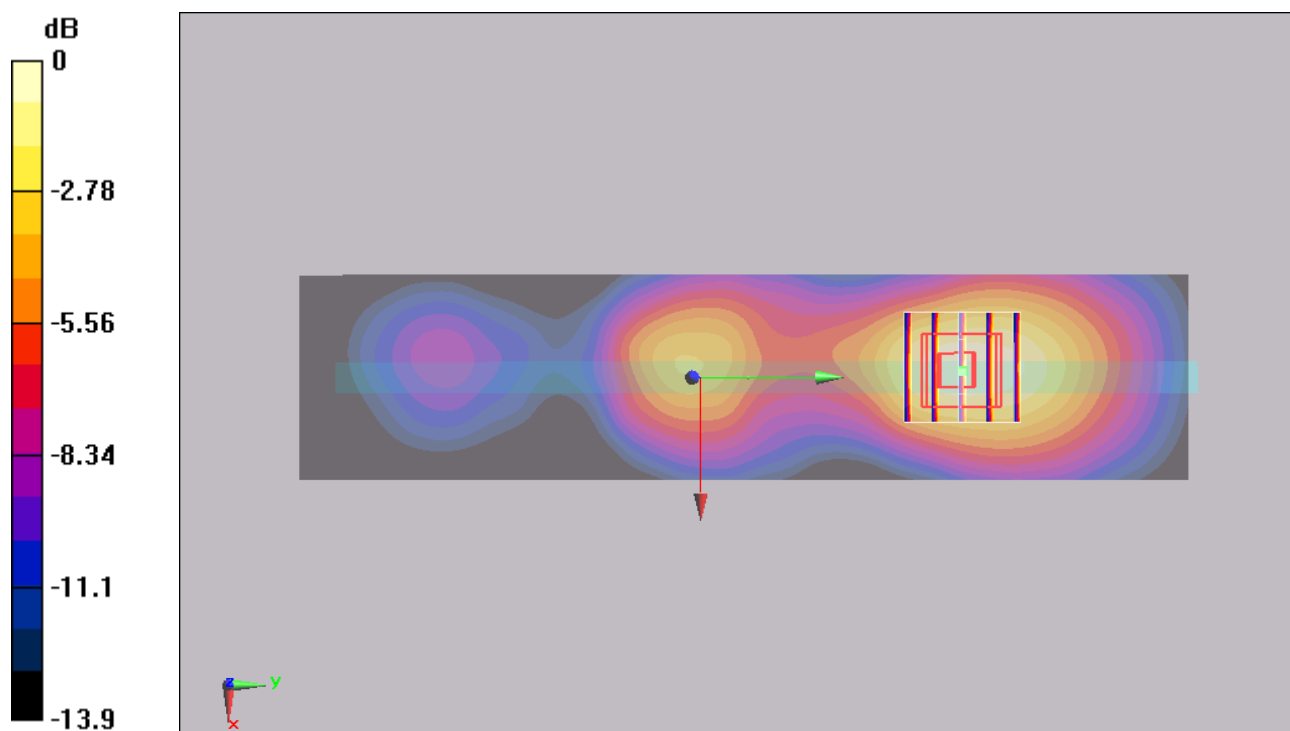
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 0.777 W/kg

SAR(1 g) = 0.535 mW/g; SAR(10 g) = 0.326 mW/g

Maximum value of SAR (measured) = 0.584 mW/g



0 dB = 0.584mW/g

#65 LTE Band 4_QPSK(1-0)_20M_Edge 1_0.9cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

51.3; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (31x131x1): Measurement grid: dx=20mm, dy=20mm

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

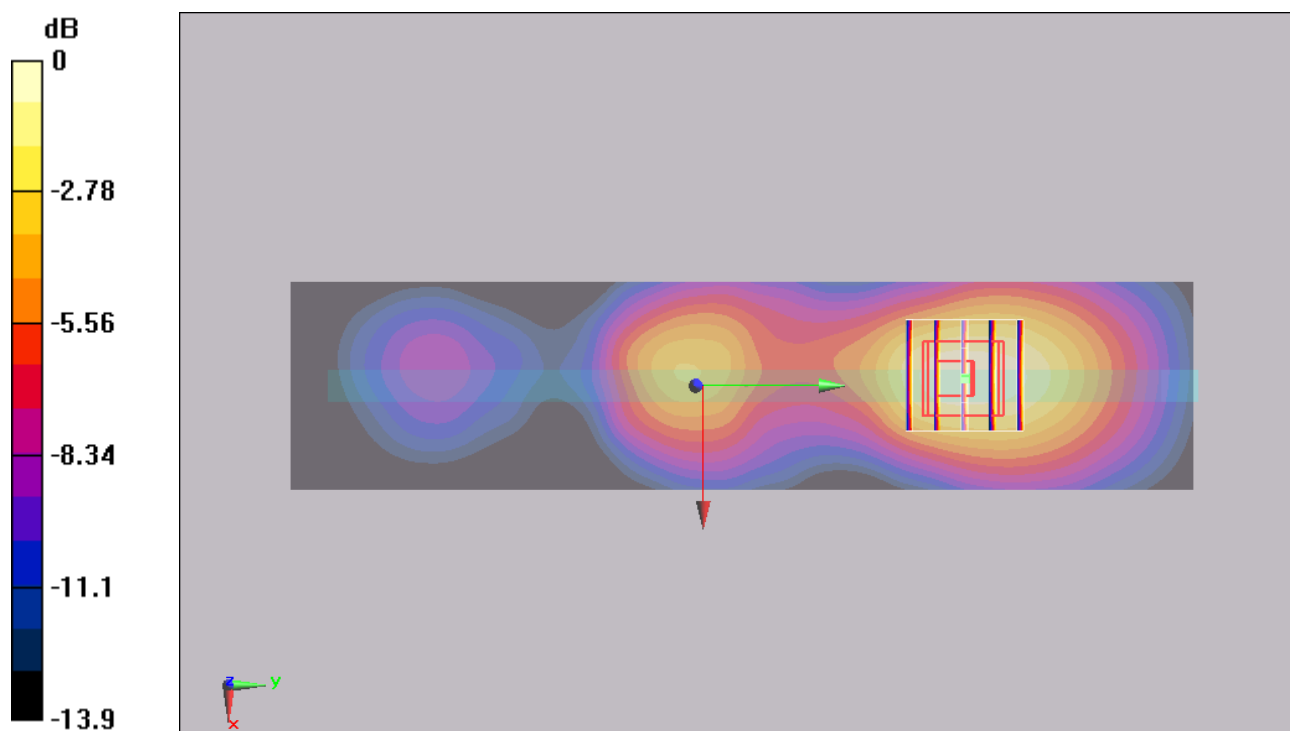
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.8 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.464 mW/g

Maximum value of SAR (measured) = 0.818 mW/g



0 dB = 0.818mW/g

#66 LTE Band 4_QPSK(1-99)_20M_Edge 1_0.9cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

51.3; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (31x131x1): Measurement grid: dx=20mm, dy=20mm

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

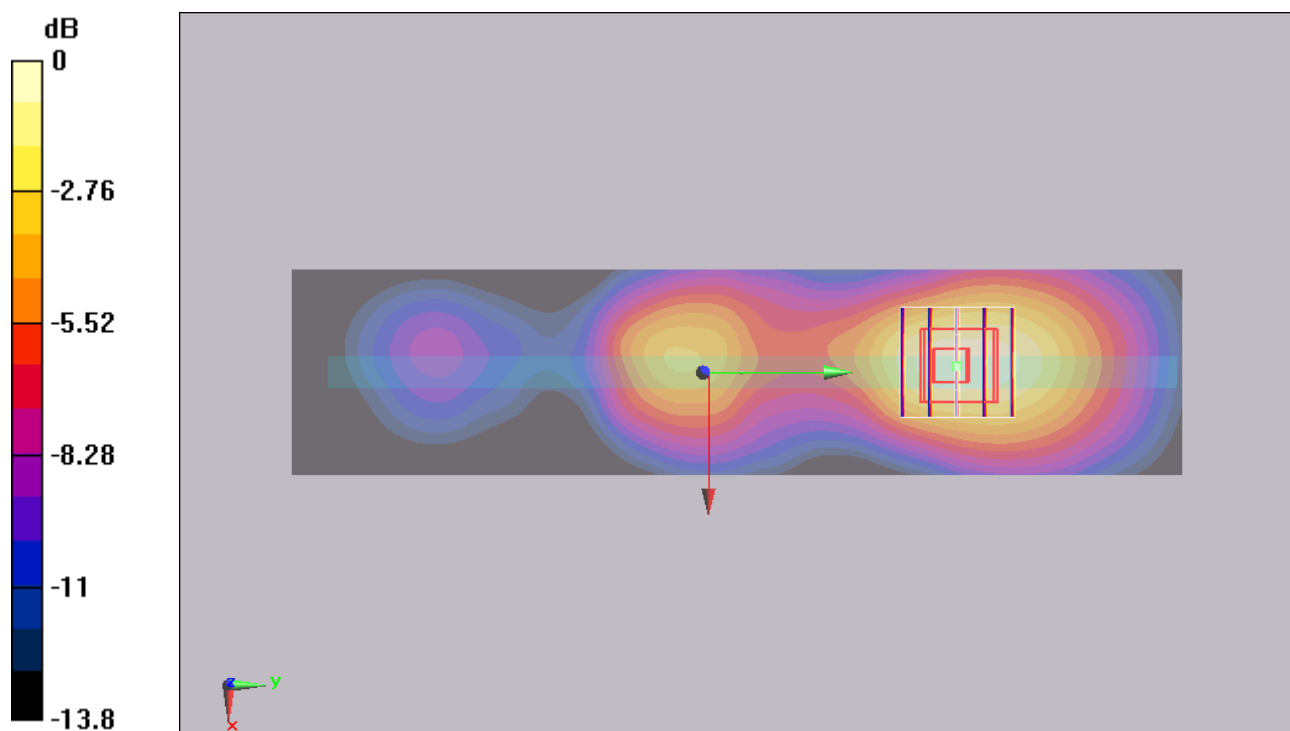
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = 0.122 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.471 mW/g

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



0 dB = 0.840mW/g

#66 LTE Band 4_QPSK(1-99)_20M_Edge 1_0.9cm_Ch20175_2D**DUT: 240709**

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

51.3; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (31x131x1): Measurement grid: dx=20mm, dy=20mm

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

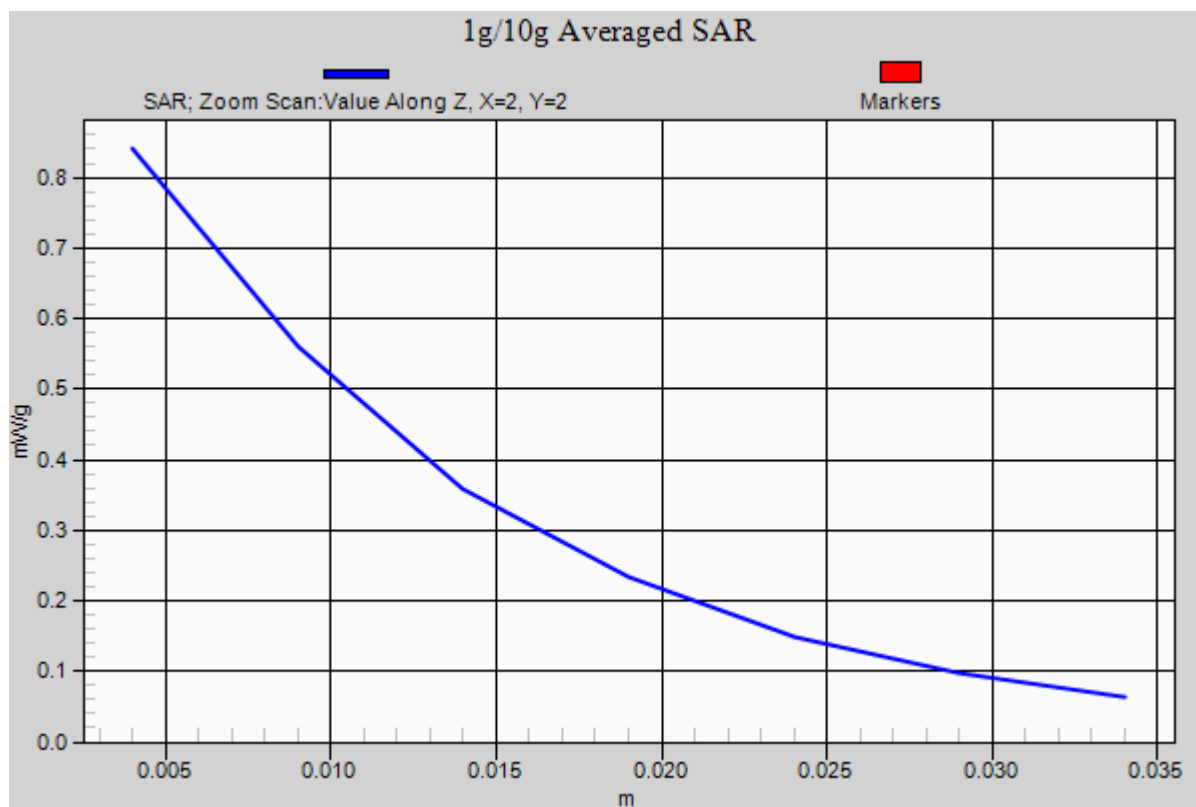
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = 0.122 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.471 mW/g

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



#73 LTE Band 4_16QAM(50-25)_20M_Edge 1_0.9cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

51.3; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (31x131x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.457 mW/g

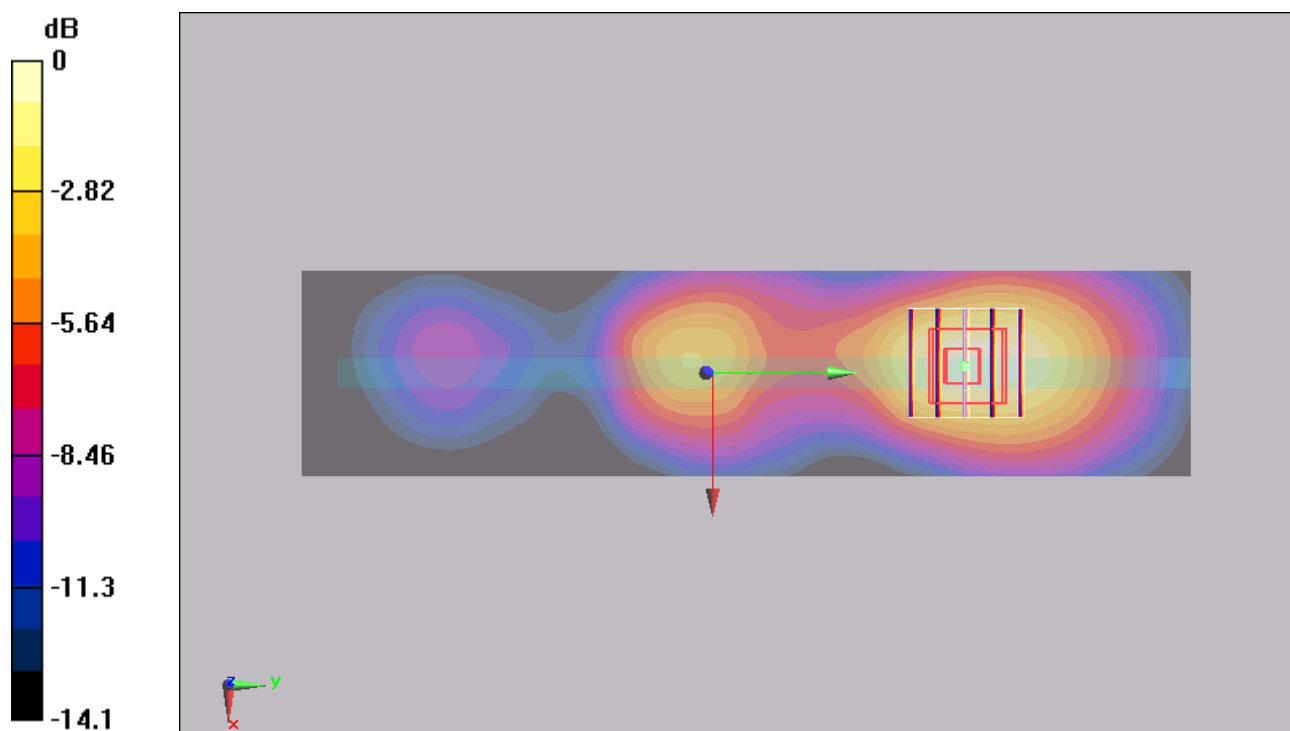
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = 0.095 dB

Peak SAR (extrapolated) = 0.609 W/kg

SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.258 mW/g

Maximum value of SAR (measured) = 0.464 mW/g



0 dB = 0.464mW/g

#74 LTE Band 4_16QAM(1-0)_20M_Edge 1_0.9cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r =$

51.3 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (31x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.683 mW/g

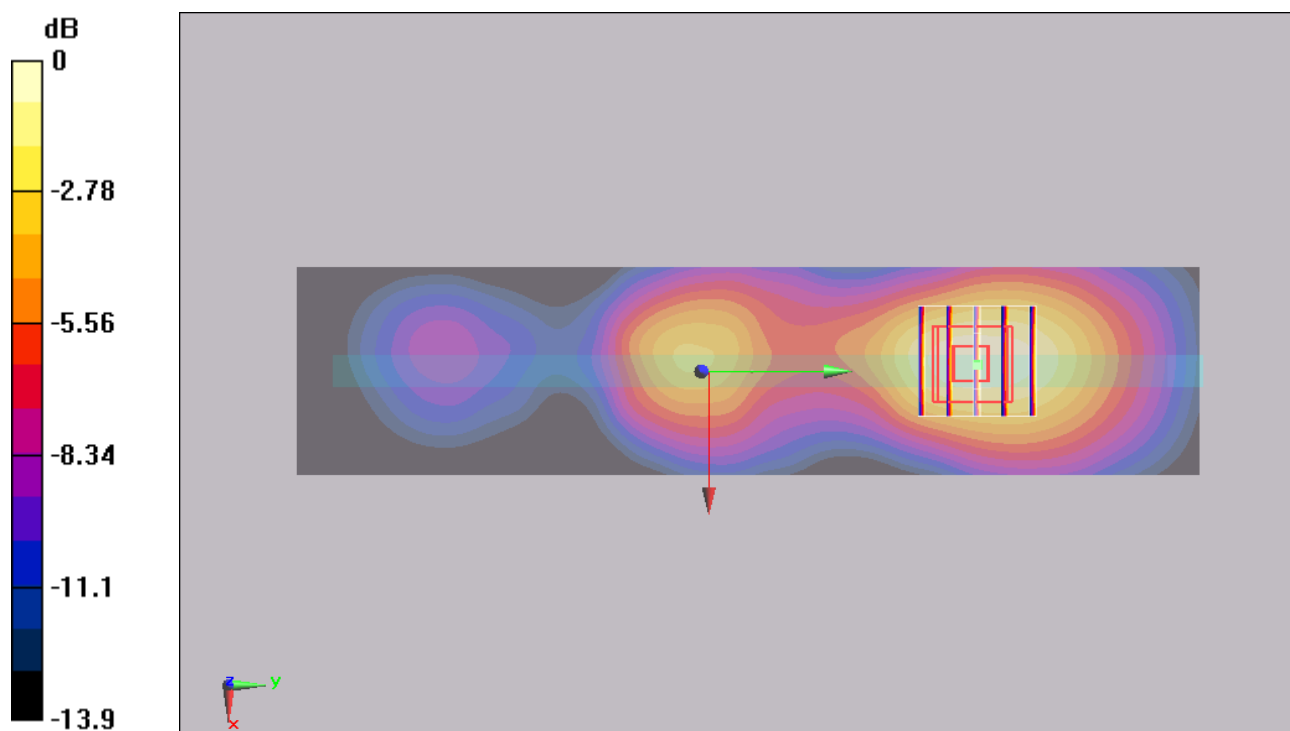
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.6 V/m ; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.910 W/kg

SAR(1 g) = 0.629 mW/g ; SAR(10 g) = 0.384 mW/g

Maximum value of SAR (measured) = 0.682 mW/g



0 dB = 0.682mW/g

#75 LTE Band 4_16QAM(1-99)_20M_Edge 1_0.9cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

51.3; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (31x131x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.679 mW/g

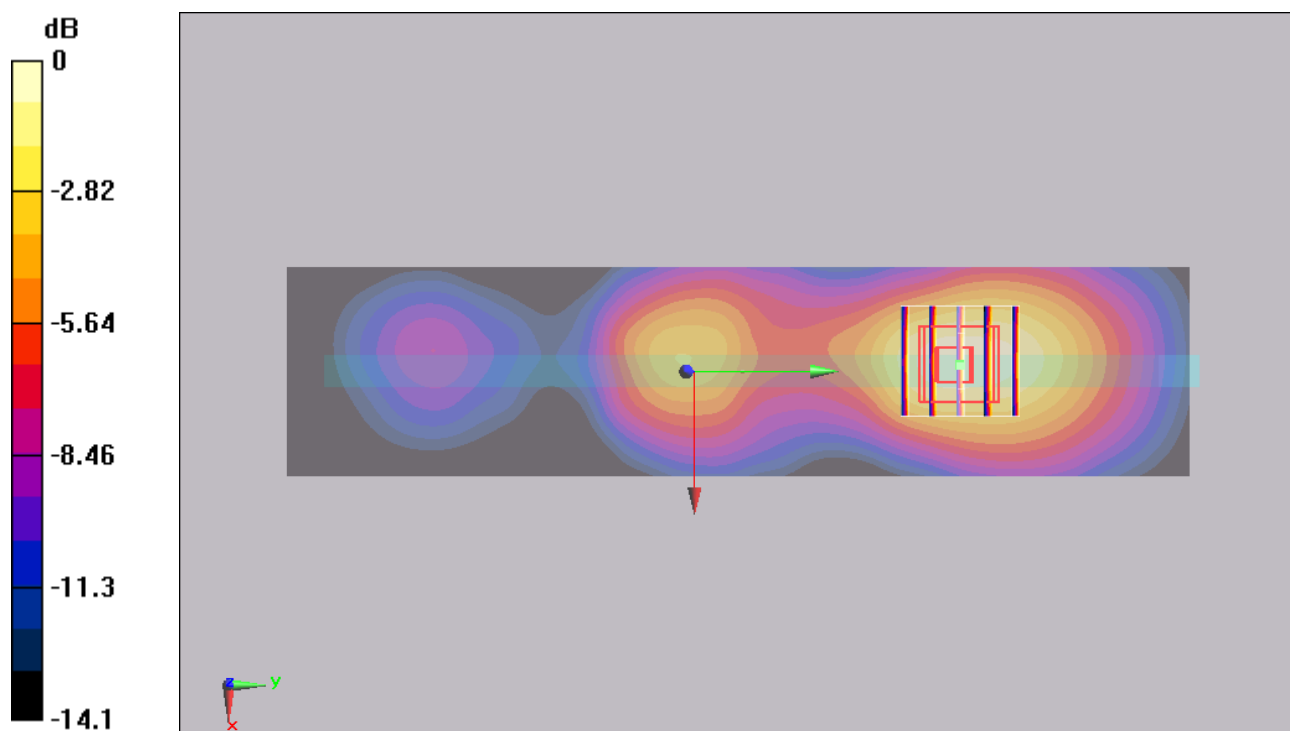
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = 0.160 dB

Peak SAR (extrapolated) = 0.897 W/kg

SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.380 mW/g

Maximum value of SAR (measured) = 0.683 mW/g



0 dB = 0.683mW/g

#67 LTE Band 4_QPSK(50-25)_20M_Edge 2_0cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

51.3; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.266 mW/g

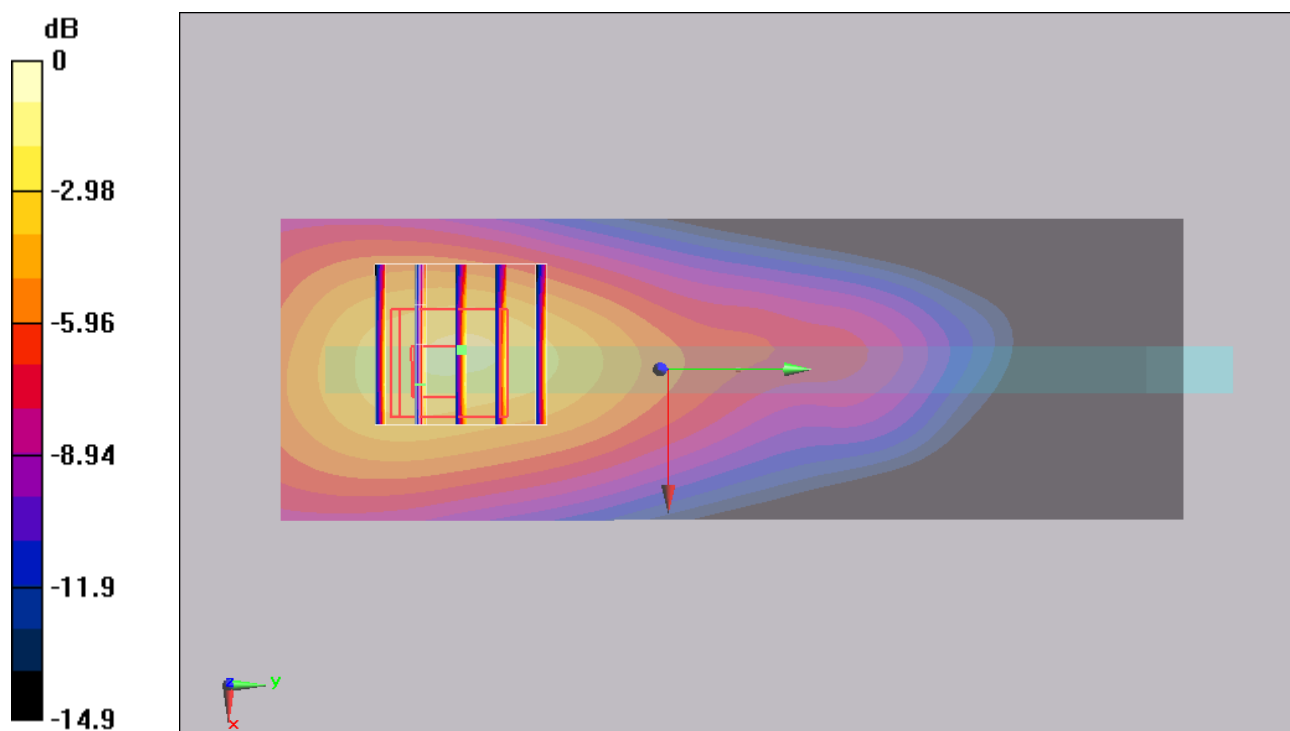
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.88 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.612 W/kg

SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.192 mW/g

Maximum value of SAR (measured) = 0.399 mW/g



#68 LTE Band 4_QPSK(1-0)_20M_Edge 2_0cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

51.3; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.365 mW/g

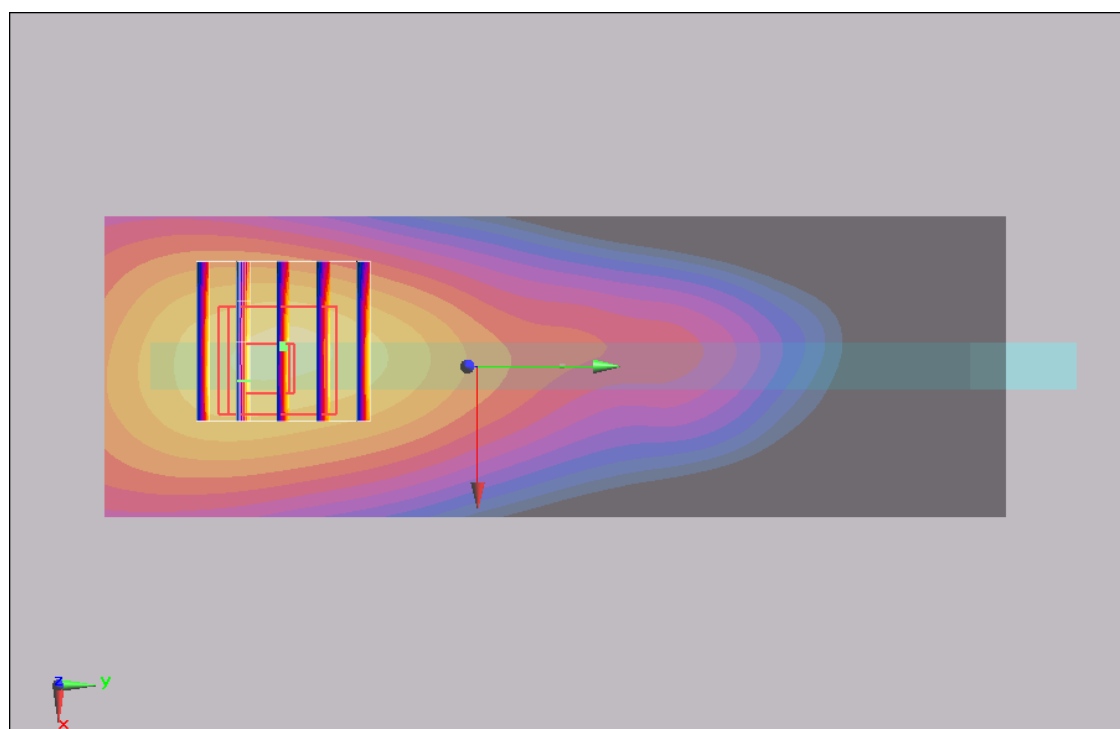
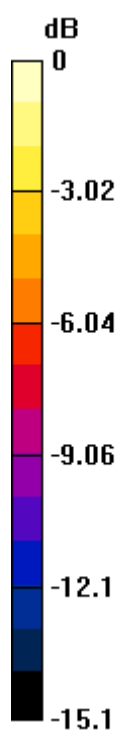
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.821 W/kg

SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.537 mW/g



0 dB = 0.537mW/g

#69 LTE Band 4_QPSK(1-99)_20M_Edge 2_0cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r =$

51.3 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (31x91x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.405 mW/g

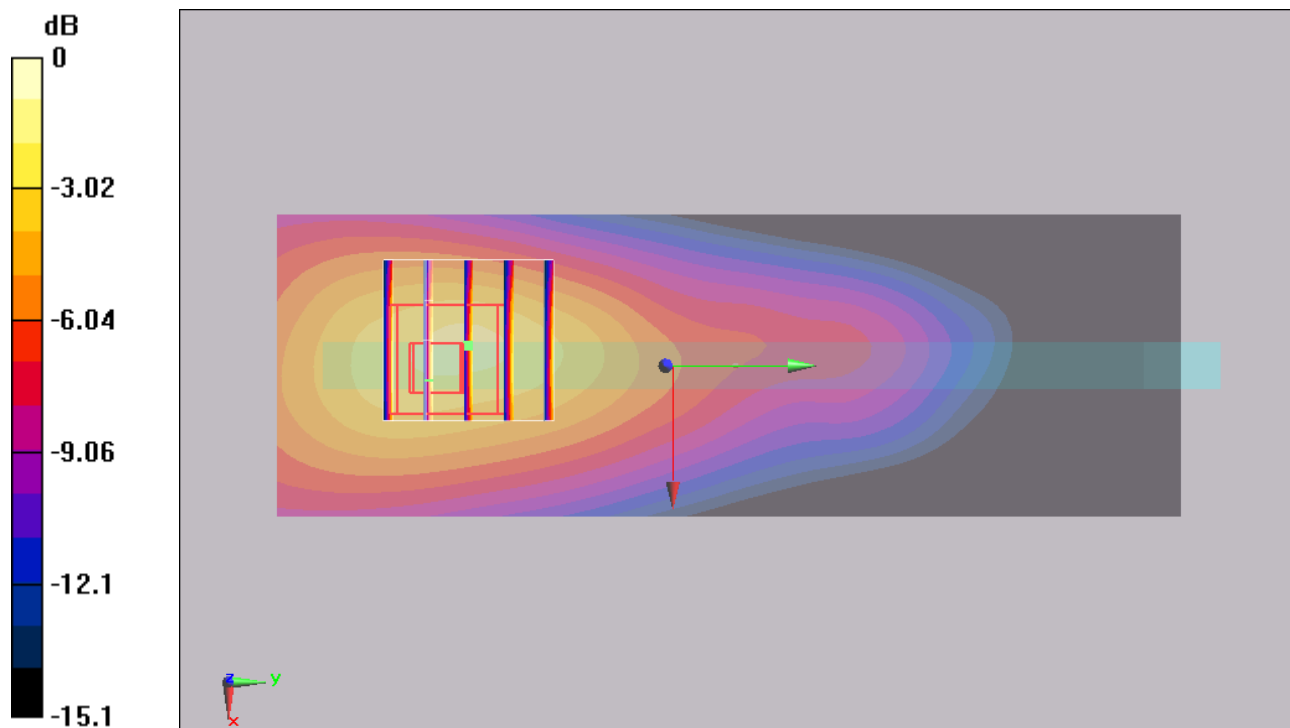
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.1 V/m ; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 0.930 W/kg

SAR(1 g) = 0.523 mW/g ; SAR(10 g) = 0.287 mW/g

Maximum value of SAR (measured) = 0.592 mW/g



#76 LTE Band 4_16QAM(50-25)_20M_Edge 2_0cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

51.3; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.210 mW/g

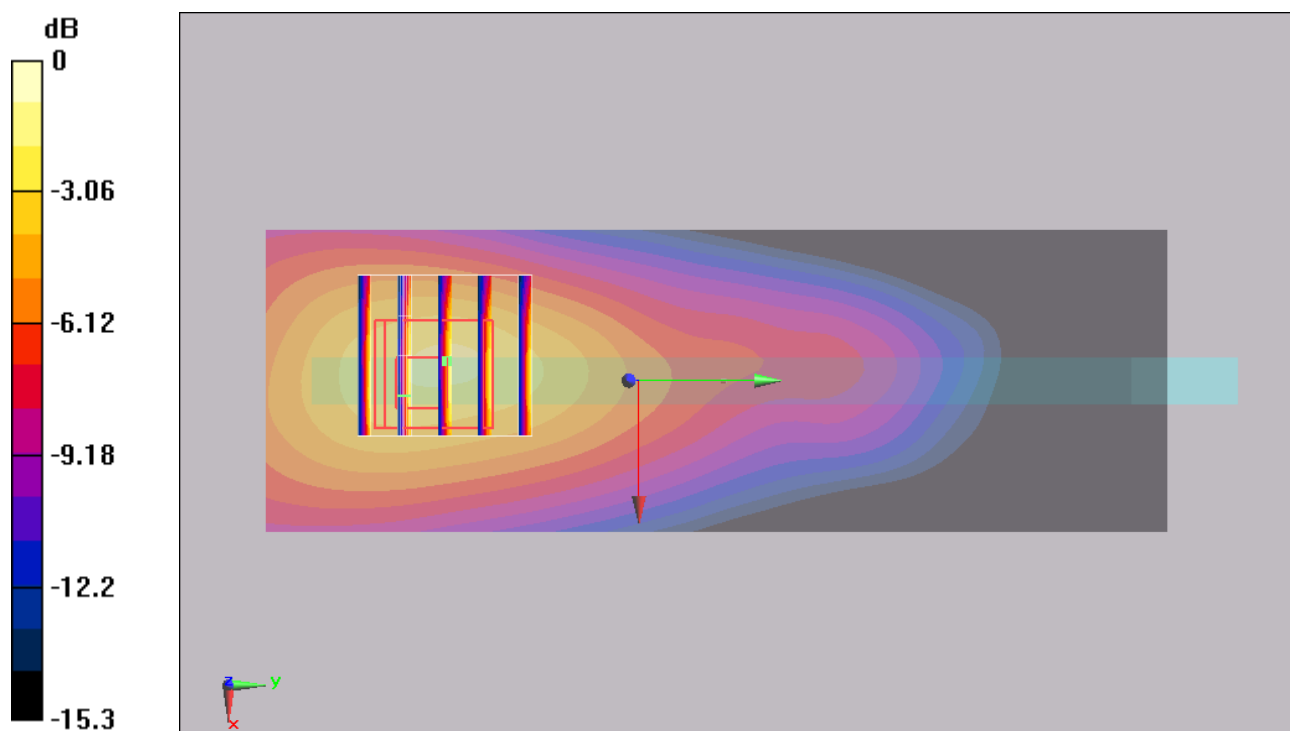
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.78 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.504 W/kg

SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.153 mW/g

Maximum value of SAR (measured) = 0.318 mW/g



0 dB = 0.318mW/g

#77 LTE Band 4_16QAM(1-0)_20M_Edge 2_0cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

51.3; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.298 mW/g

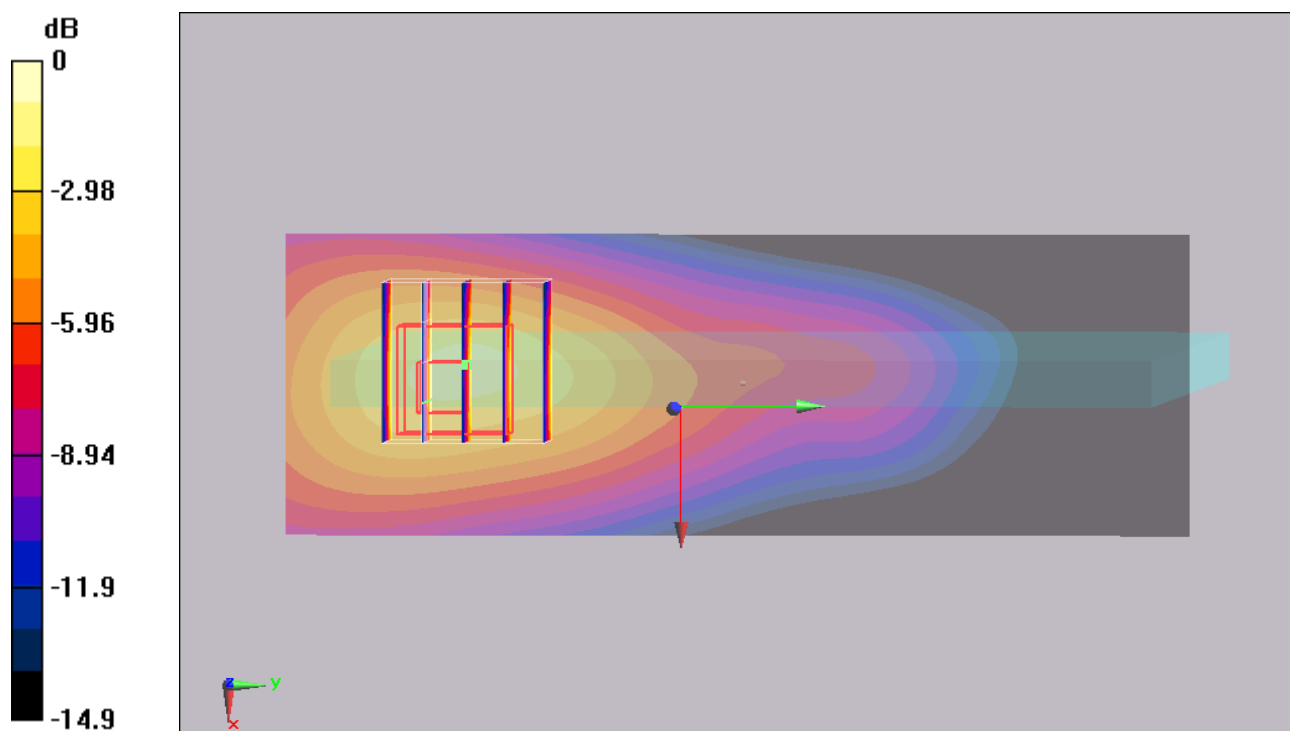
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.657 W/kg

SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.210 mW/g

Maximum value of SAR (measured) = 0.432 mW/g



0 dB = 0.432mW/g

#78 LTE Band 4_16QAM(1-99)_20M_Edge 2_0cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r =$

51.3; $\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.318 mW/g

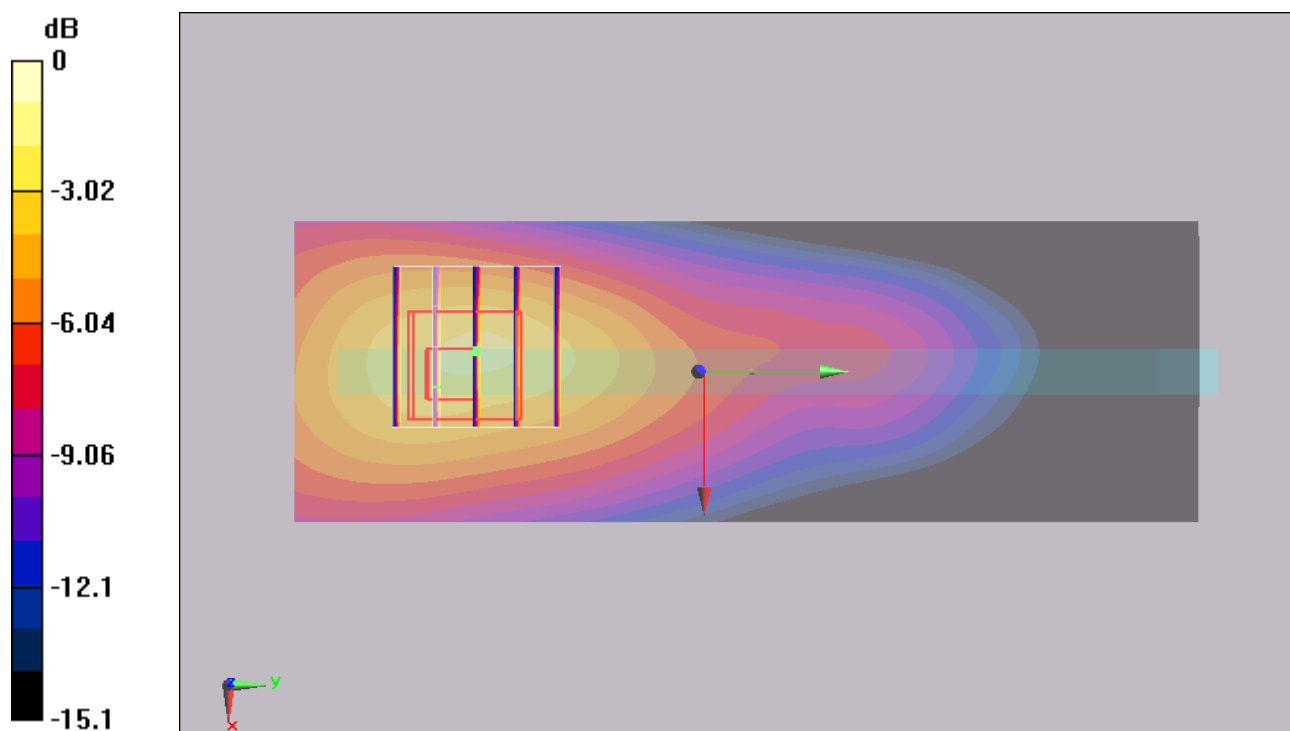
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 0.728 W/kg

SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 0.477 mW/g



0 dB = 0.477mW/g

#79 LTE Band 4_QPSK(50-25)_20M_Bottom Face_0cm_Ch20050

DUT: 240709

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120726 Medium parameters used: $f = 1720 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 51.9$;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20050/Area Scan (101x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

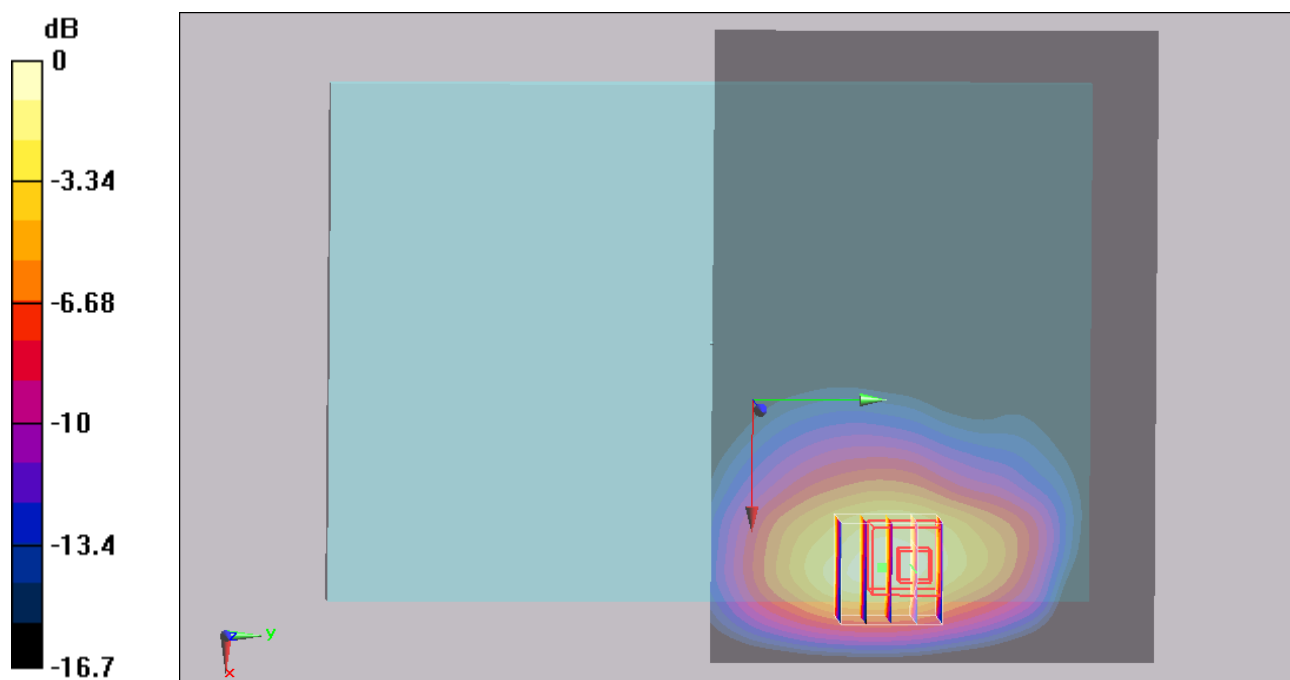
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.92 V/m ; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 1.6 W/kg

SAR(1 g) = 1.09 mW/g ; SAR(10 g) = 0.649 mW/g

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



#80 LTE Band 4_QPSK(50-25)_20M_Bottom Face_0cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120726 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r =$

51.8 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (101x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.993 mW/g

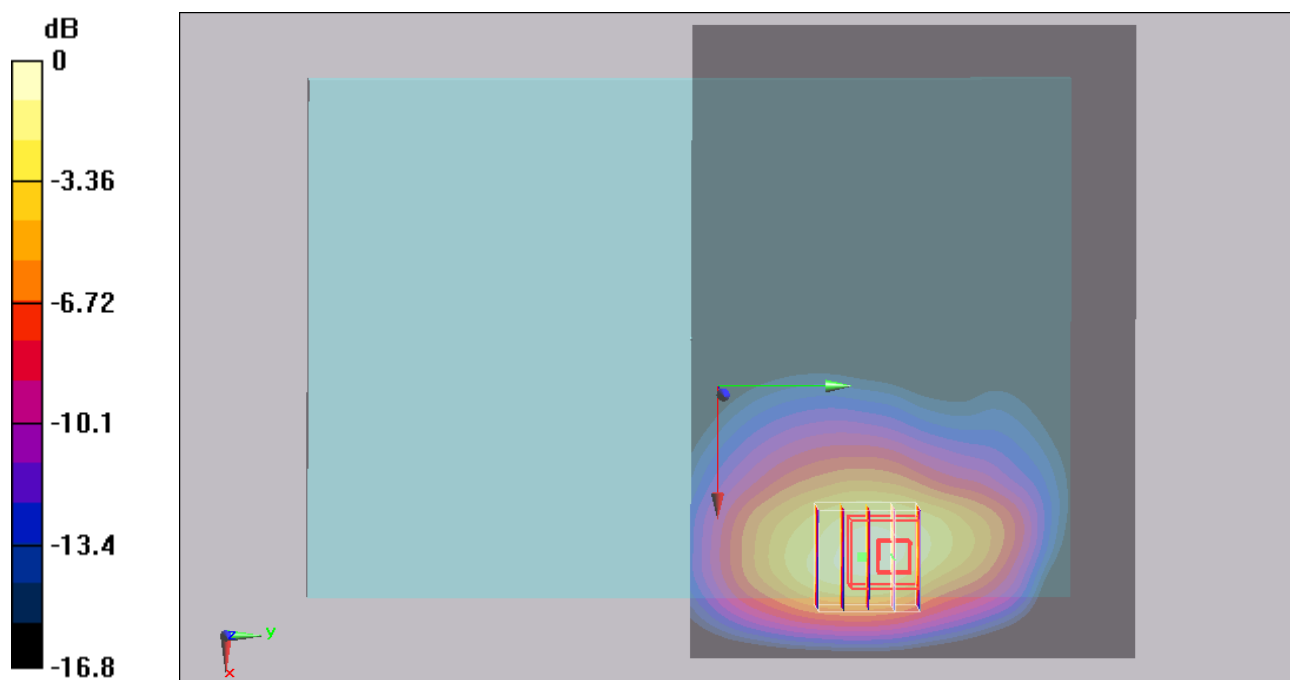
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.97 V/m ; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 1.02 mW/g ; SAR(10 g) = 0.608 mW/g

Maximum value of SAR (measured) = 1.1 mW/g



#81 LTE Band 4_QPSK(50-25)_20M_Bottom Face_0cm_Ch20300

DUT: 240709

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120726 Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 51.8$;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20300/Area Scan (101x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

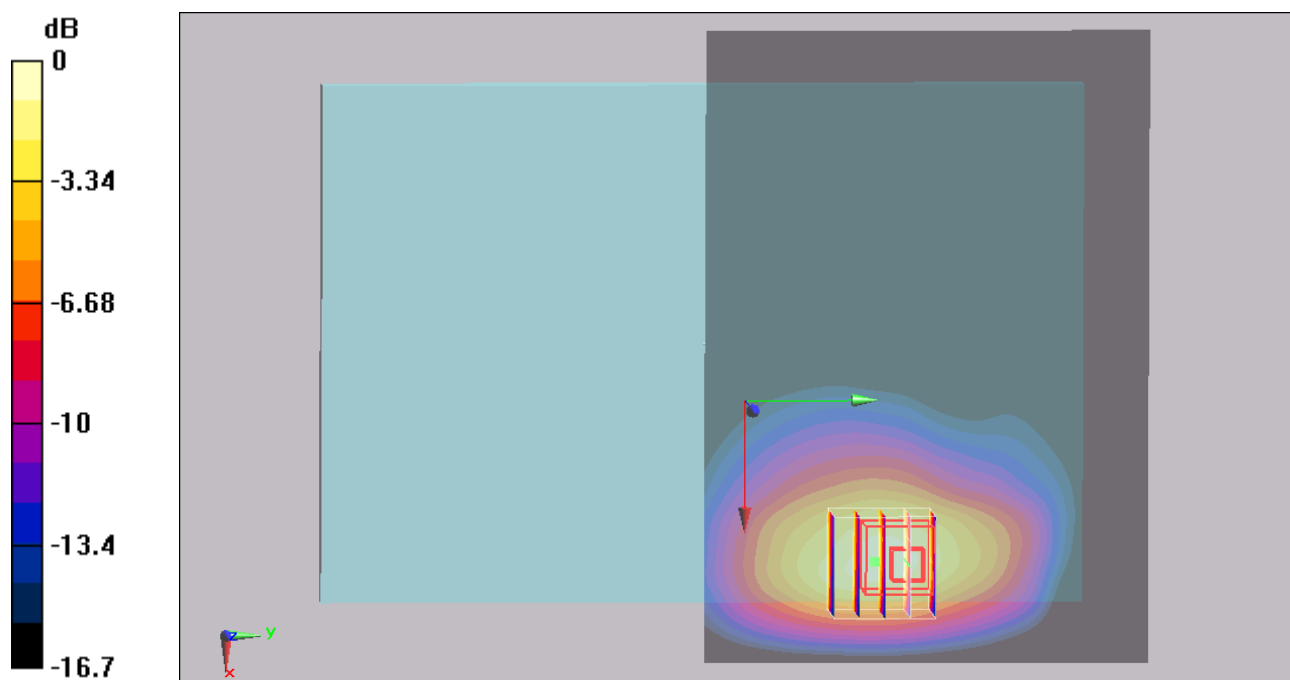
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.16 V/m ; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 1.06 mW/g ; SAR(10 g) = 0.626 mW/g

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



#82 LTE Band 4_QPSK(1-0)_20M_Bottom Face_0cm_Ch20050

DUT: 240709

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120726 Medium parameters used: $f = 1720 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 51.9$;

$\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20050/Area Scan (101x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

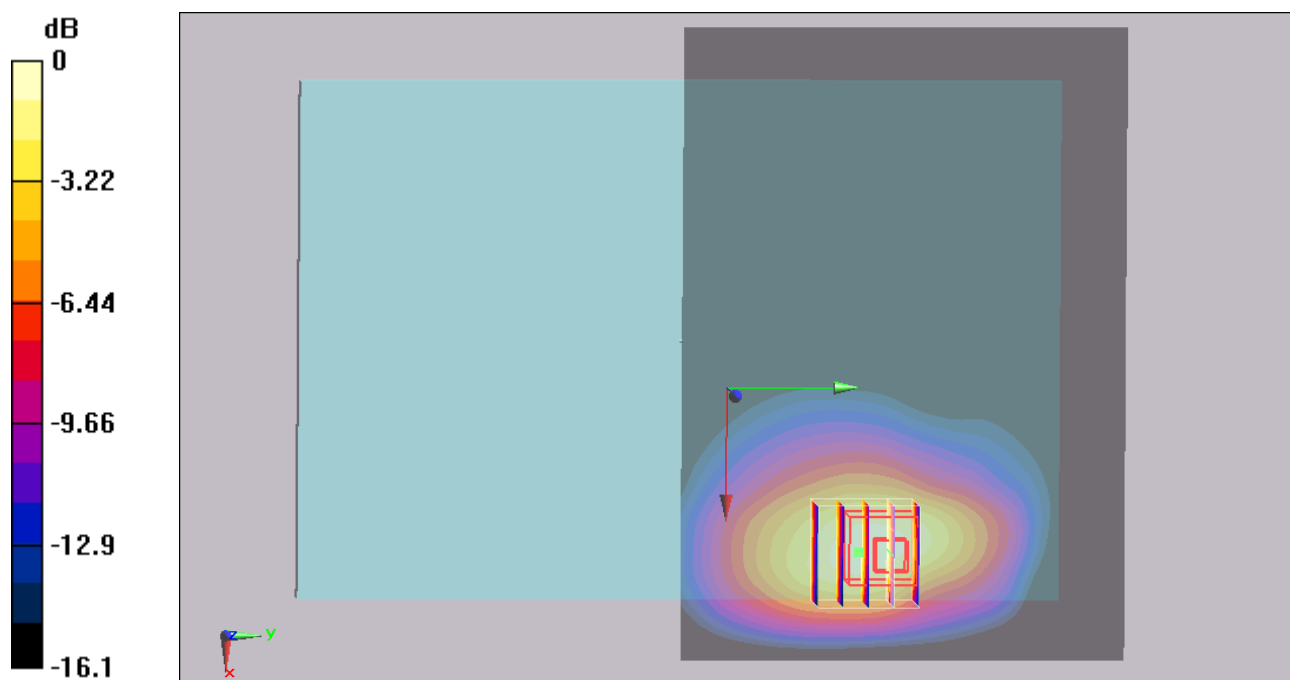
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.75 V/m ; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.992 mW/g ; SAR(10 g) = 0.590 mW/g

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



#83 LTE Band 4_QPSK(1-99)_20M_Bottom Face_0cm_Ch20050

DUT: 240709

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120726 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.9$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20050/Area Scan (101x71x1): Measurement grid: dx=20mm, dy=20mm

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

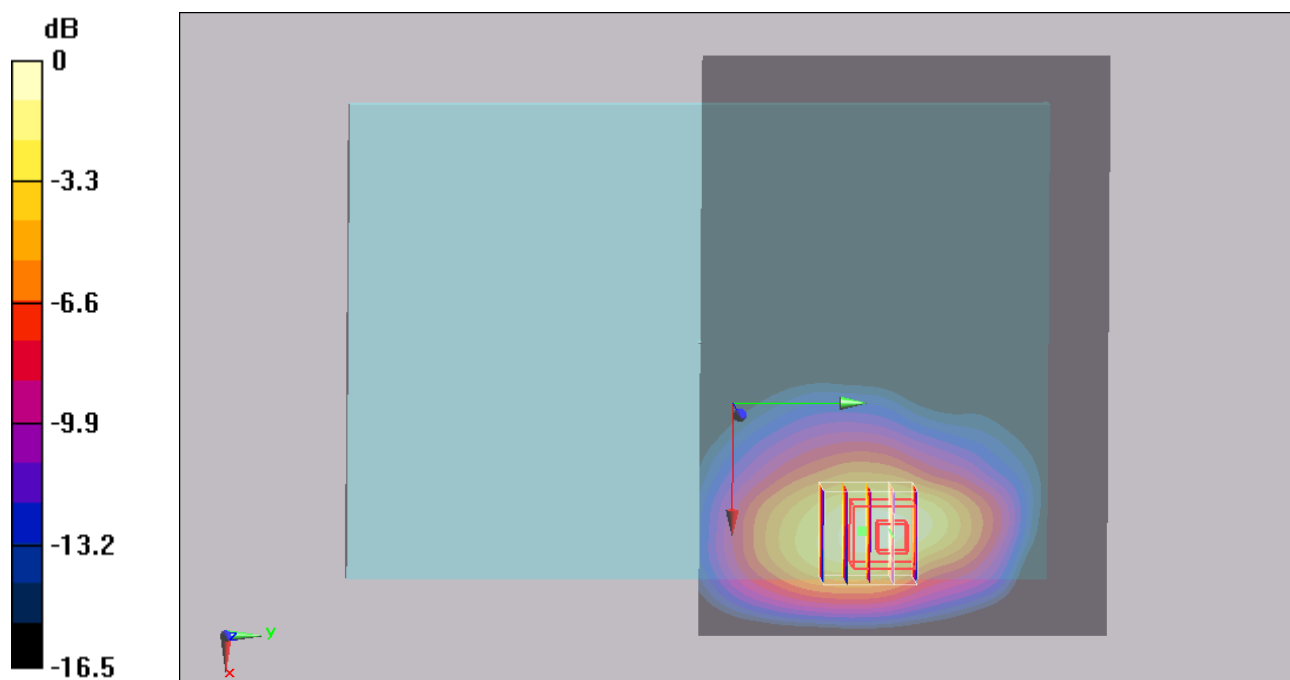
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.13 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.613 mW/g

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



#87 LTE Band 4_16QAM(50-25)_20M_Bottom Face_0cm_Ch20050

DUT: 240709

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120821 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.2$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.71, 7.71, 7.71); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20050/Area Scan (41x131x1): Measurement grid: dx=20mm, dy=20mm

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

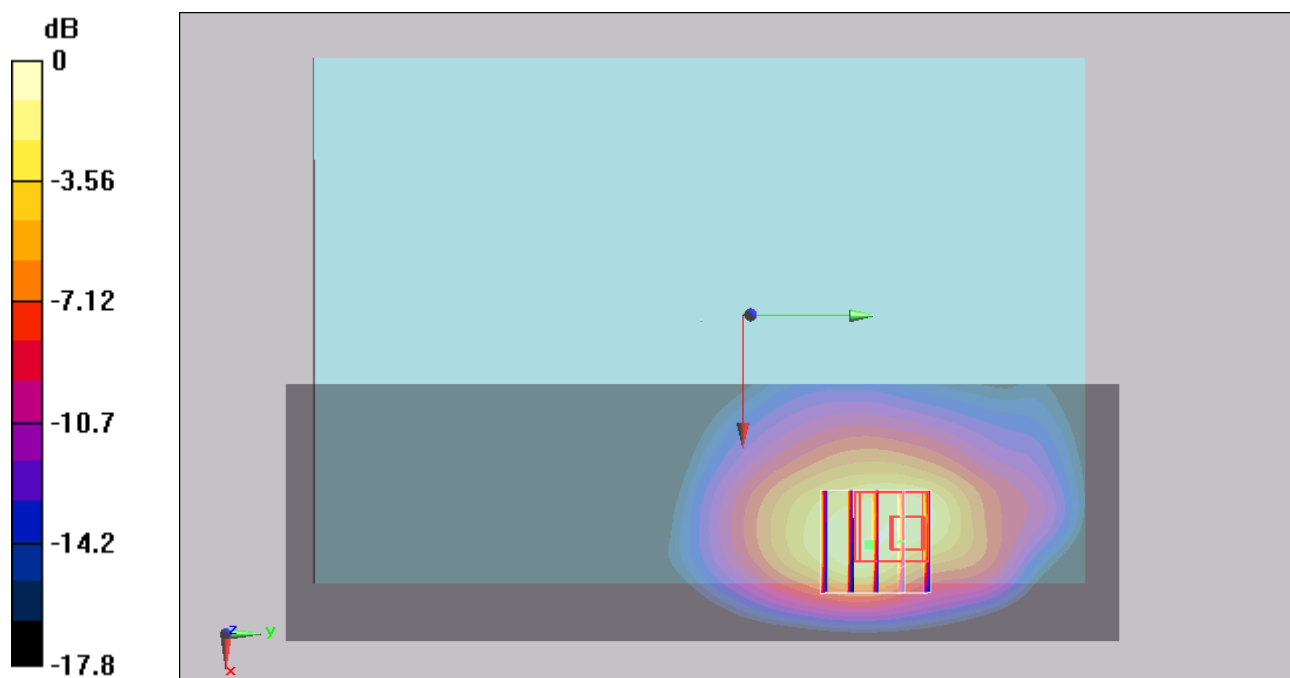
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.6 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.691 mW/g

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



0 dB = 1.31mW/g

#87 LTE Band 4_16QAM(50-25)_20M_Bottom Face_0cm_Ch20050_2D**DUT: 240709**

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120821 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.71, 7.71, 7.71); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20050/Area Scan (41x131x1): Measurement grid: dx=20mm, dy=20mm

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

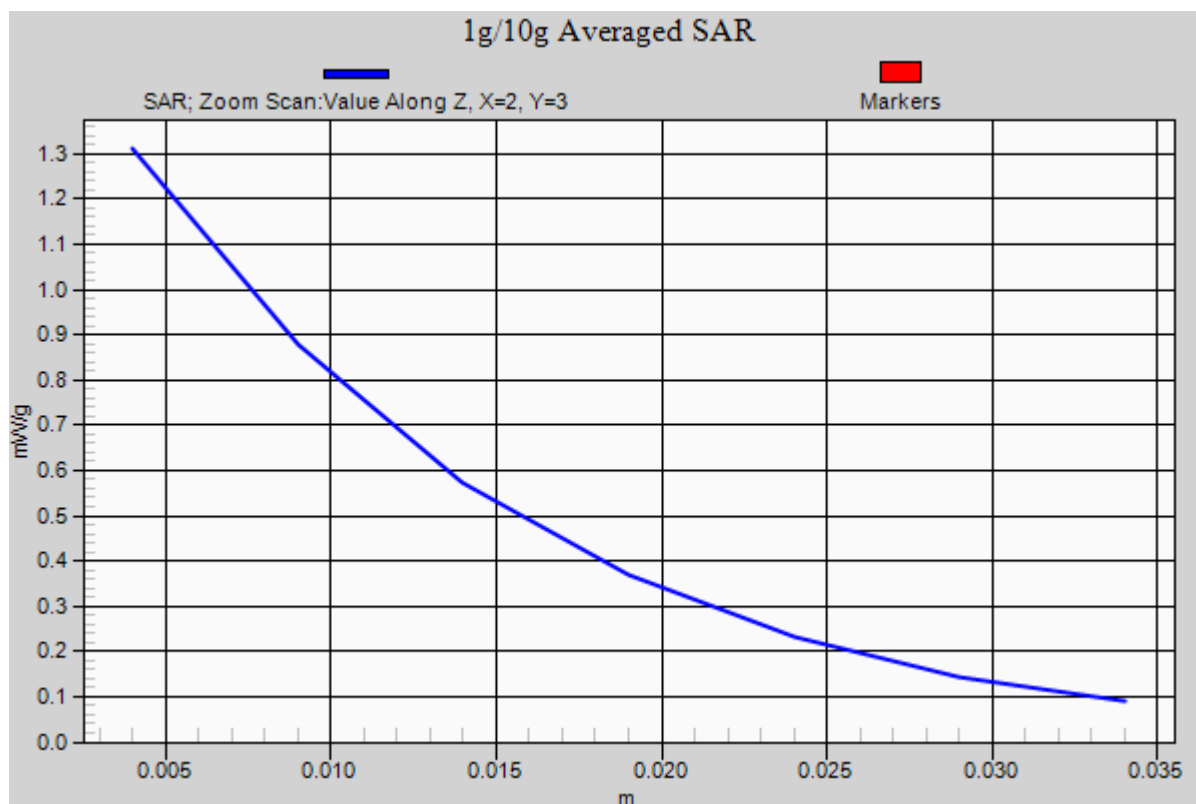
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.6 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.691 mW/g

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



#88 LTE Band 4_16QAM(1-0)_20M_Bottom Face_0cm_Ch20050

DUT: 240709

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120726 Medium parameters used: $f = 1720 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 51.9$;

$\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20050/Area Scan (101x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

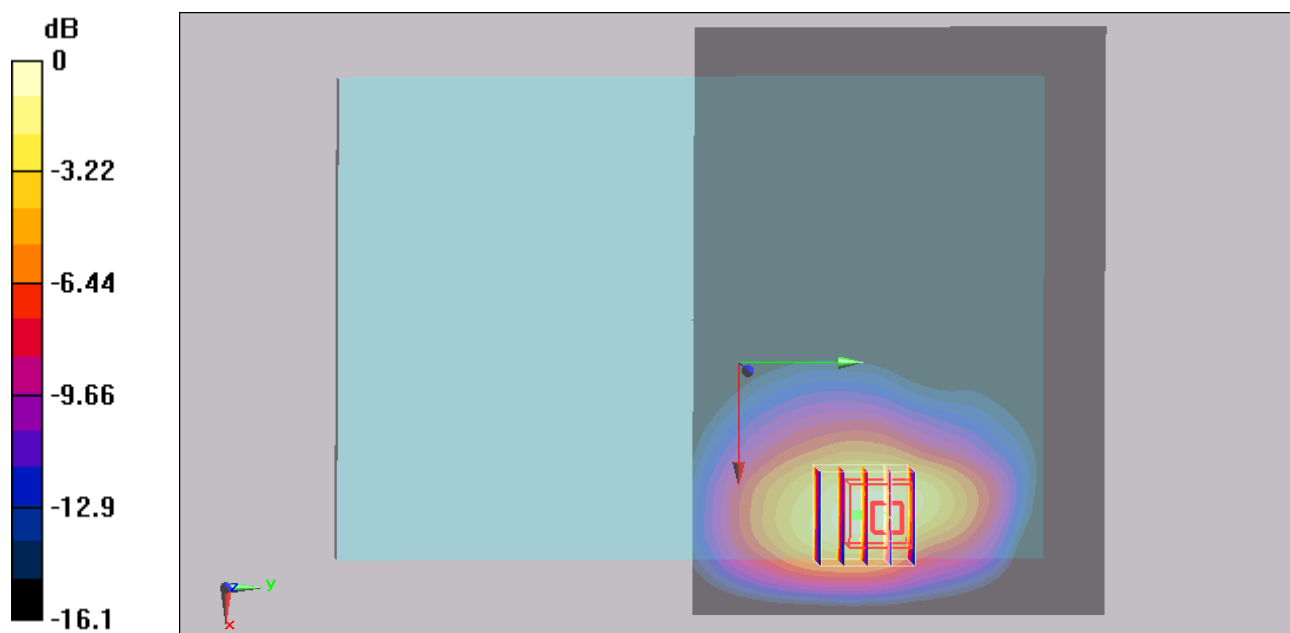
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.29 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.968 mW/g ; SAR(10 g) = 0.575 mW/g

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



#89 LTE Band 4_16QAM(1-99)_20M_Bottom Face_0cm_Ch20050

DUT: 240709

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120726 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.9$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20050/Area Scan (101x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.988 mW/g

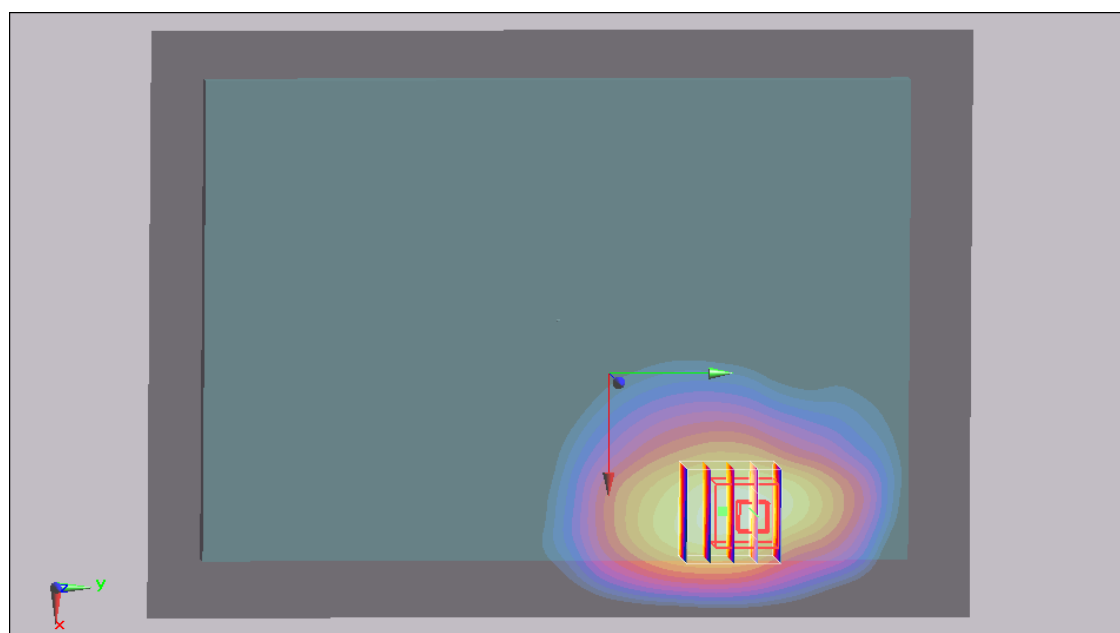
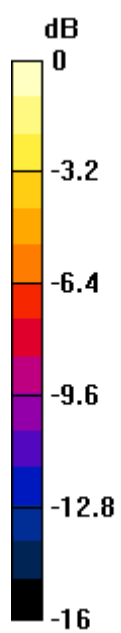
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.95 V/m; Power Drift = 0.141 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.622 mW/g

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



0 dB = 1.08mW/g

#84 LTE Band 4_QPSK(50-25)_20M_Edge 1_0cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120726 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r =$

51.8 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (31x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.463 mW/g

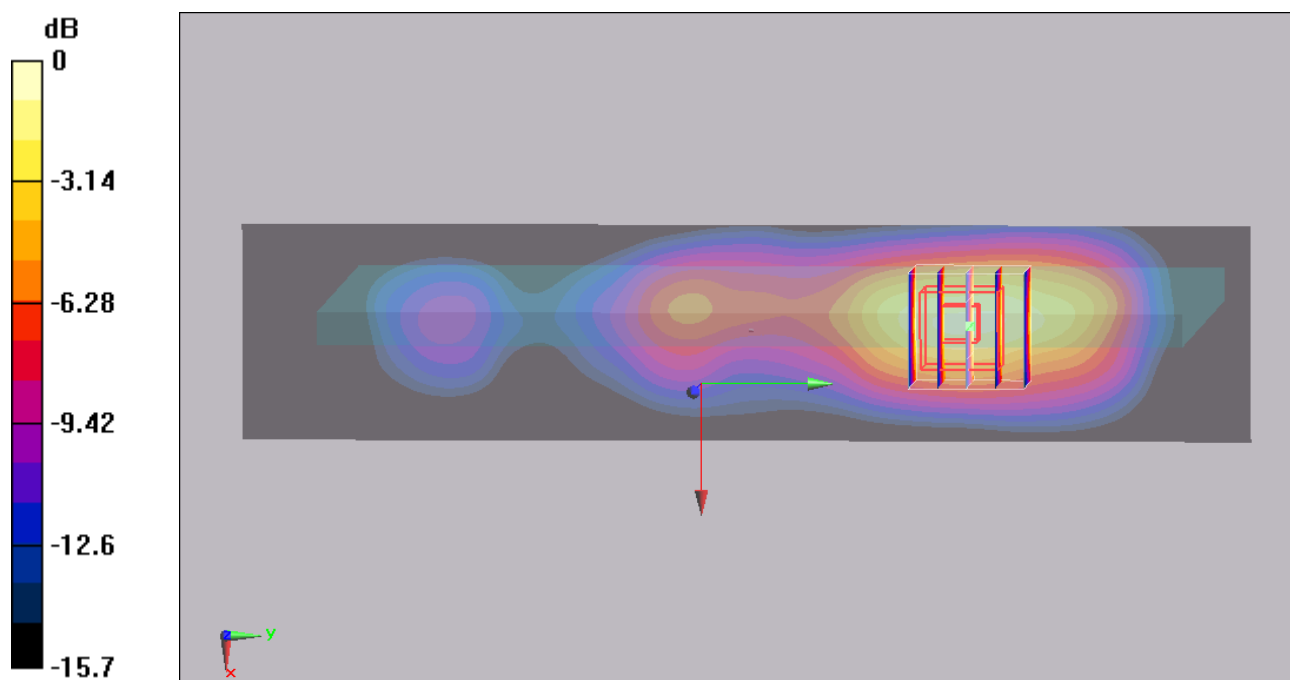
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.64 V/m ; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.839 W/kg

SAR(1 g) = 0.468 mW/g ; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 0.552 mW/g



0 dB = 0.552mW/g

#85 LTE Band 4_QPSK(1-0)_20M_Edge 1_0cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120726 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r =$

51.8; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (31x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.426 mW/g

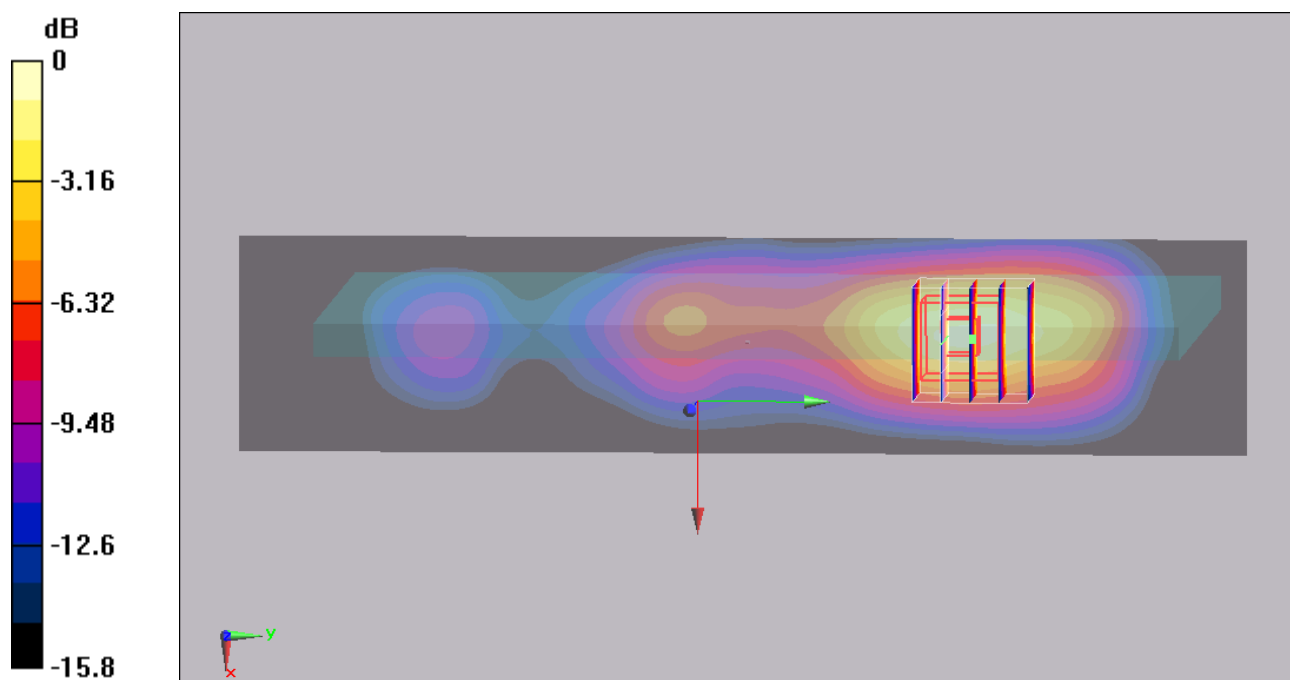
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.38 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.767 W/kg

SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.227 mW/g

Maximum value of SAR (measured) = 0.510 mW/g



#86 LTE Band 4_QPSK(1-99)_20M_Edge 1_0cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120726 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r =$

51.8 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (31x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.387 mW/g

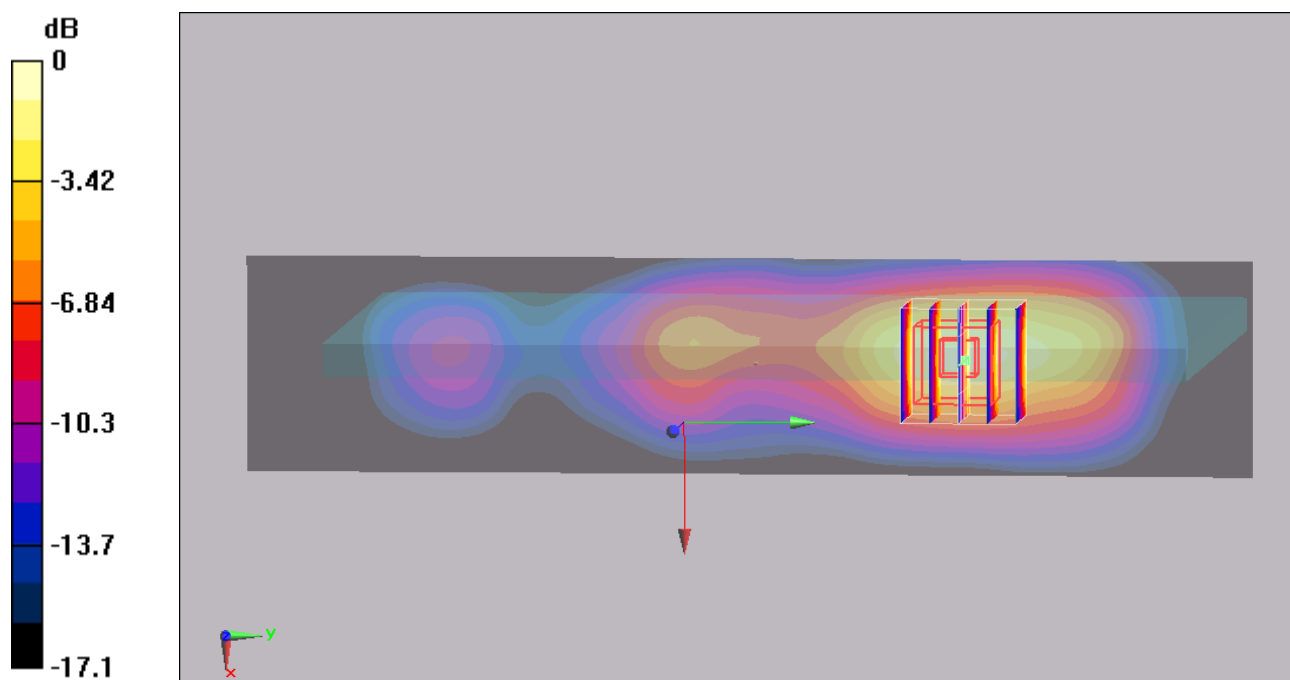
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.73 V/m ; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 0.708 W/kg

SAR(1 g) = 0.393 mW/g ; SAR(10 g) = 0.207 mW/g

Maximum value of SAR (measured) = 0.467 mW/g



#90 LTE Band 4_16QAM(50-25)_20M_Edge 1_0cm_Ch20050

DUT: 240709

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120726 Medium parameters used: $f = 1720 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 51.9$;

$\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20050/Area Scan (31x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.462 mW/g

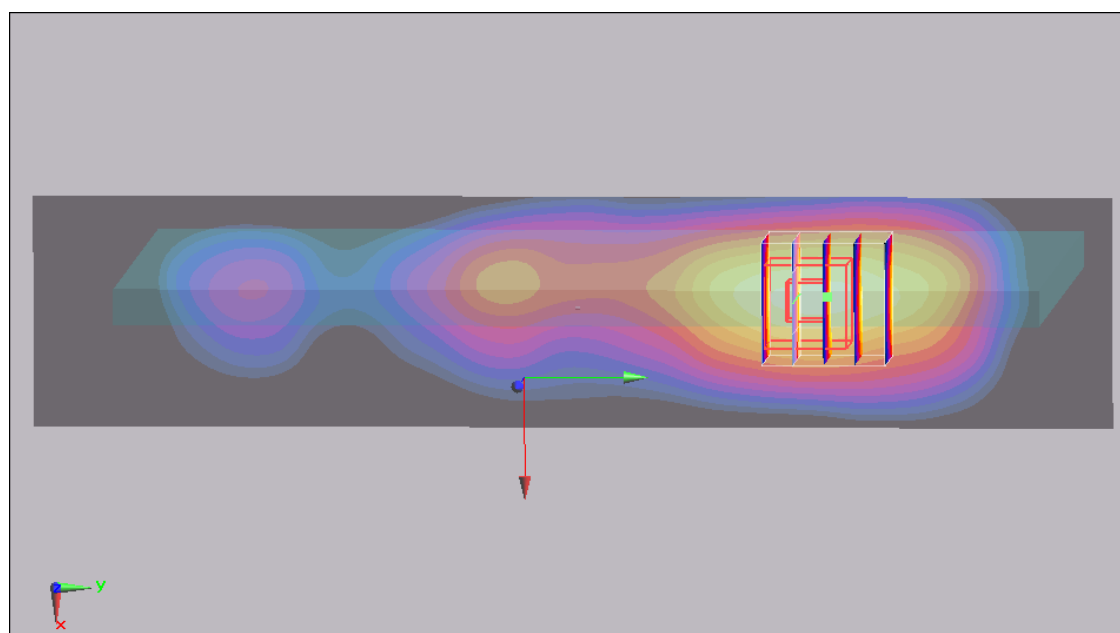
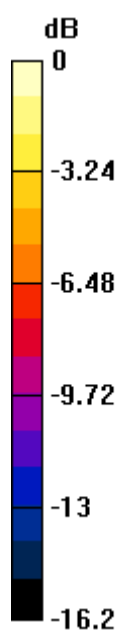
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.24 V/m ; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.805 W/kg

SAR(1 g) = 0.454 mW/g ; SAR(10 g) = 0.240 mW/g

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



0 dB = 0.532mW/g

#91 LTE Band 4_16QAM(1-0)_20M_Edge 1_0cm_Ch20050

DUT: 240709

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120726 Medium parameters used: $f = 1720 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 51.9$;

$\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20050/Area Scan (31x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.384 mW/g

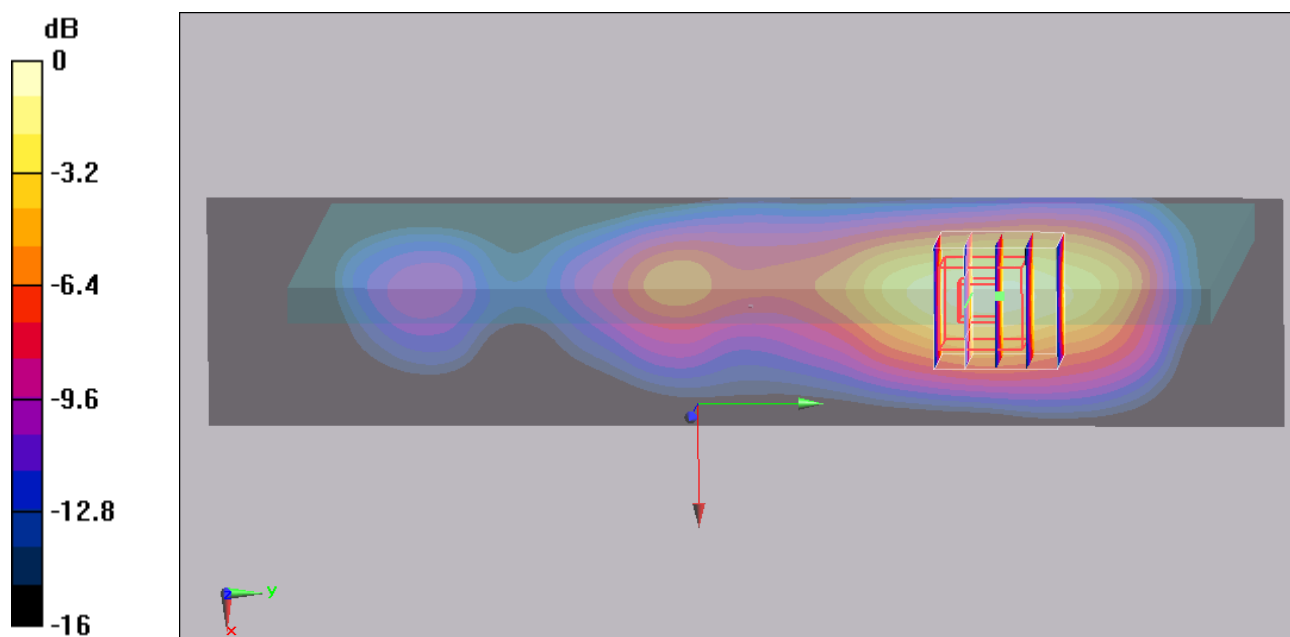
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.56 V/m ; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.658 W/kg

SAR(1 g) = 0.377 mW/g ; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.442 mW/g



0 dB = 0.442mW/g

#92 LTE Band 4_16QAM(1-99)_20M_Edge 1_0cm_Ch20050

DUT: 240709

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120726 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.9$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20050/Area Scan (31x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.383 mW/g

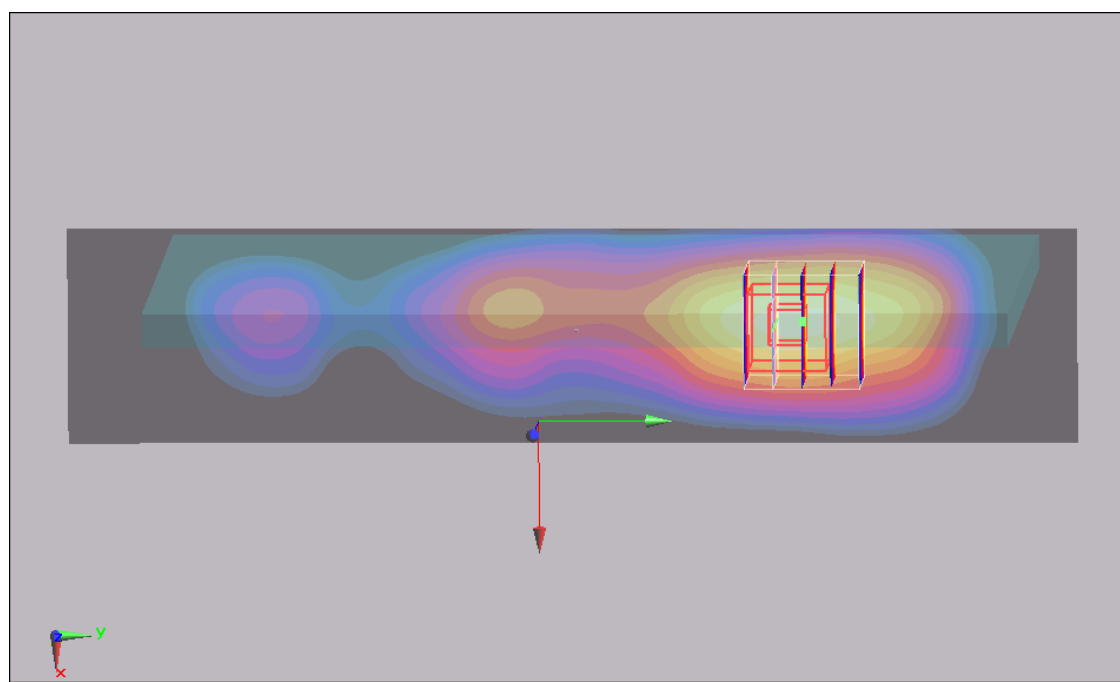
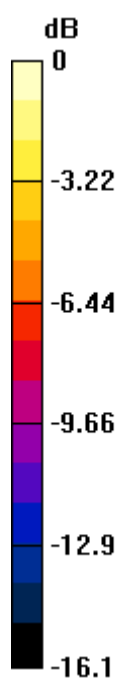
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.23 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.672 W/kg

SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.444 mW/g



0 dB = 0.444mW/g

#124 LTE Band 4_QPSK(1-99)_20M_Curved surface of Edge 1

_Bottom Face tilted_0cm_Ch20050

DUT: 240709

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120816 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 51.4$;

$\rho = 1000$ 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: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20050/Area Scan (41x131x1): Measurement grid: dx=20mm, dy=20mm

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

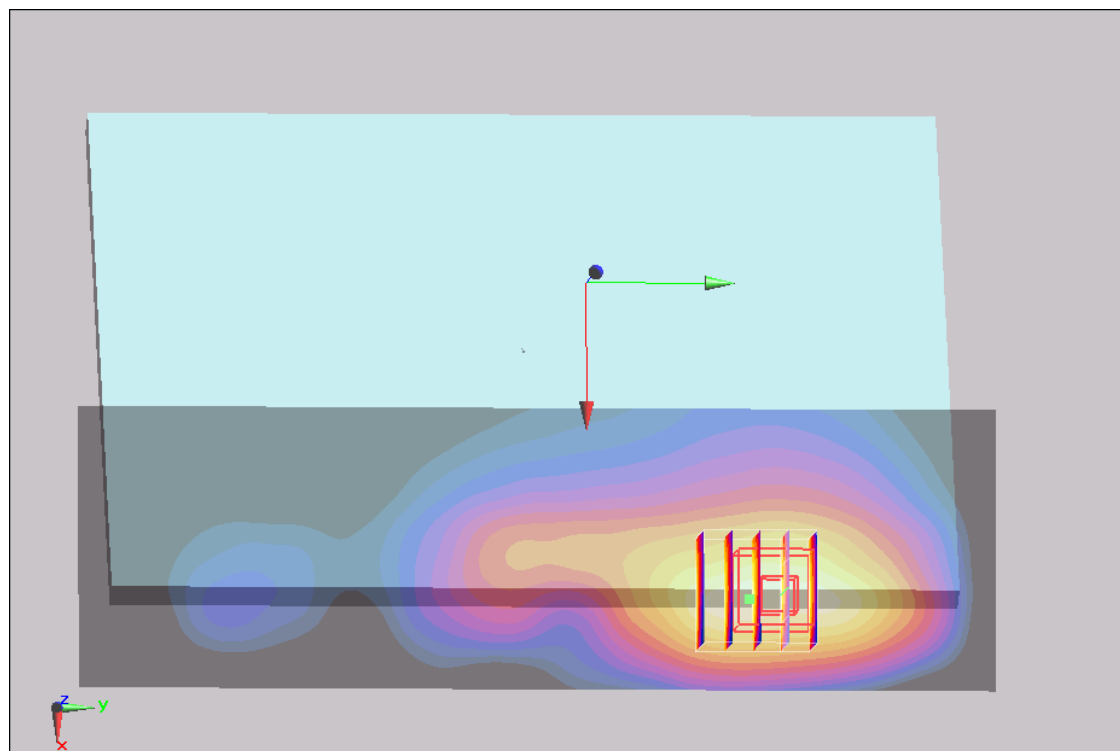
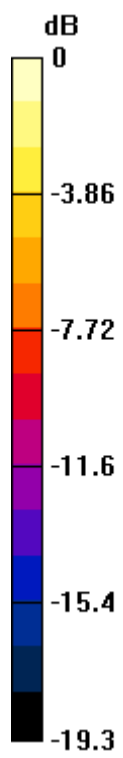
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.9 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.952 mW/g; SAR(10 g) = 0.518 mW/g

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



0 dB = 1.12mW/g

#112 LTE Band 4_QPSK(1-99)_20M_Curved surface of Edge 1

_Bottom Face tilted_0cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r =$

51.3 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (101x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

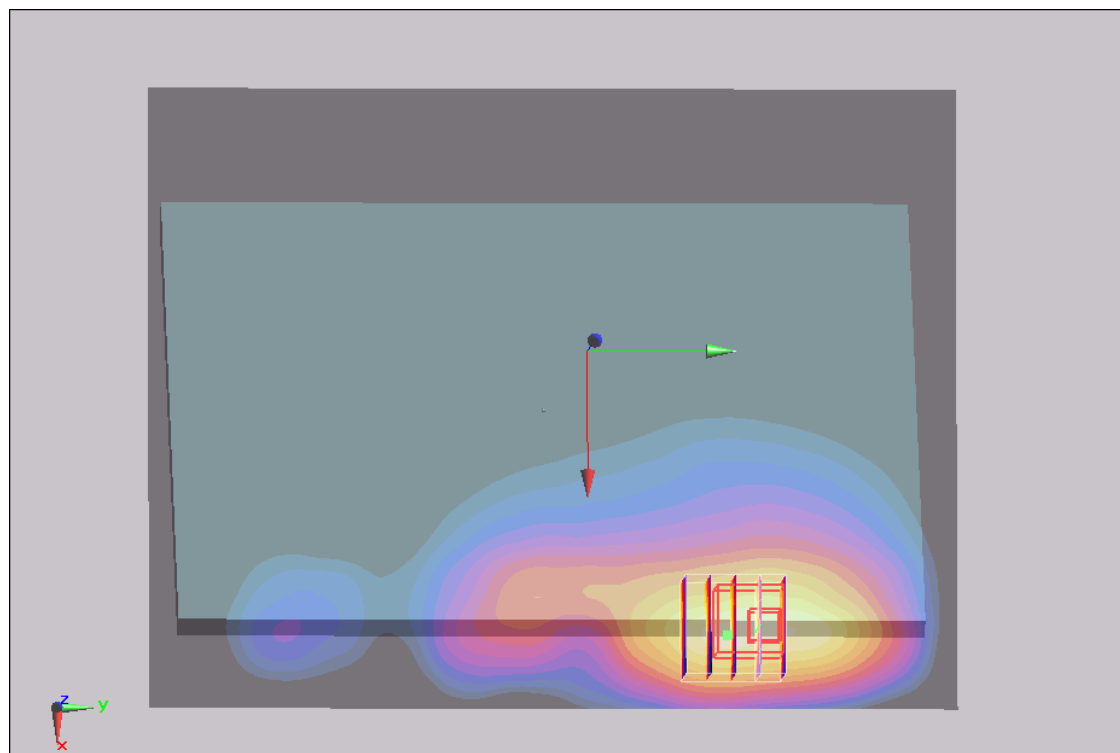
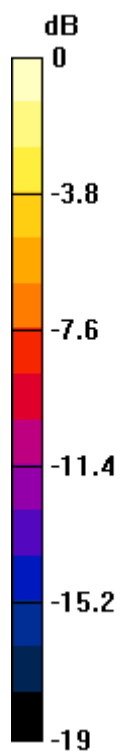
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.83 V/m ; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.952 mW/g ; SAR(10 g) = 0.505 mW/g

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



0 dB = 1.09mW/g

#113 LTE Band 4_QPSK(1-99)_20M_Curved surface of Edge 1

_Bottom Face tilted_0cm_Ch20300

DUT: 240709

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120816 Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20300/Area Scan (41x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

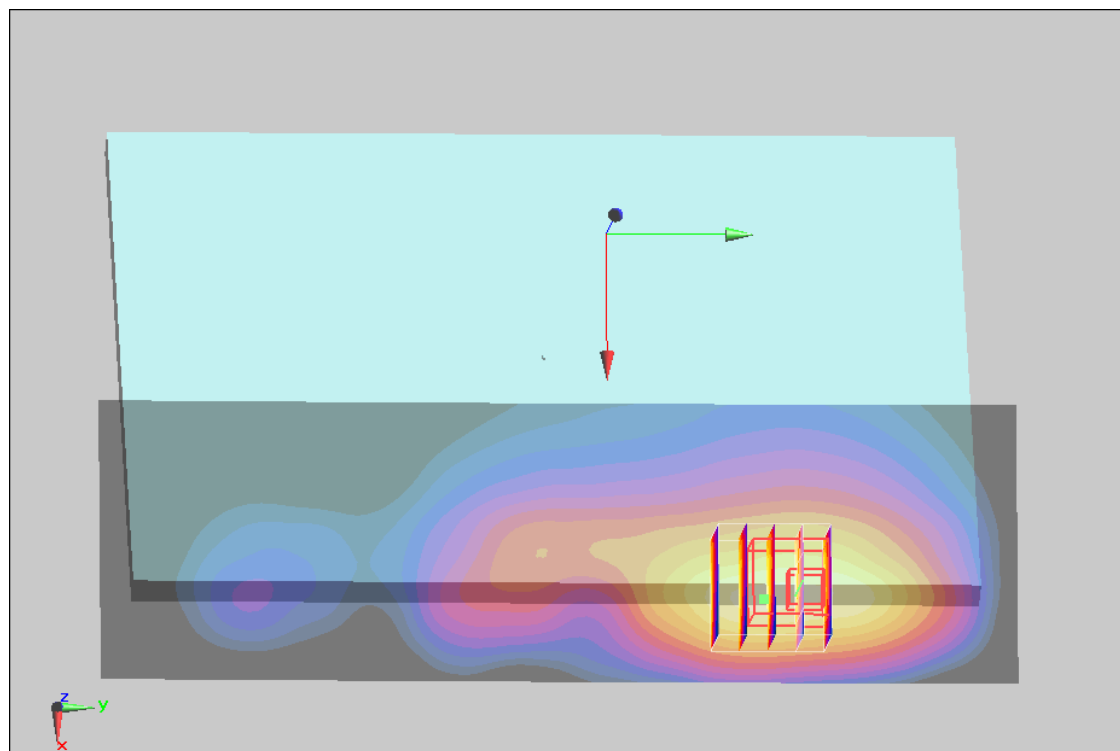
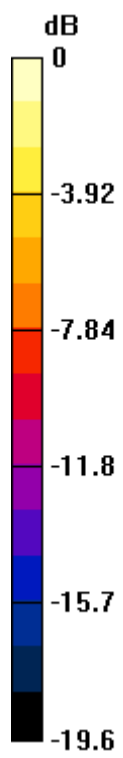
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.1 V/m ; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1.06 mW/g ; SAR(10 g) = 0.562 mW/g

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



0 dB = 1.24mW/g

#113 LTE Band 4_QPSK(1-99)_20M_Curved surface of Edge 1

_Bottom Face tilted_0cm_Ch20300_2D

DUT: 240709

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120816 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

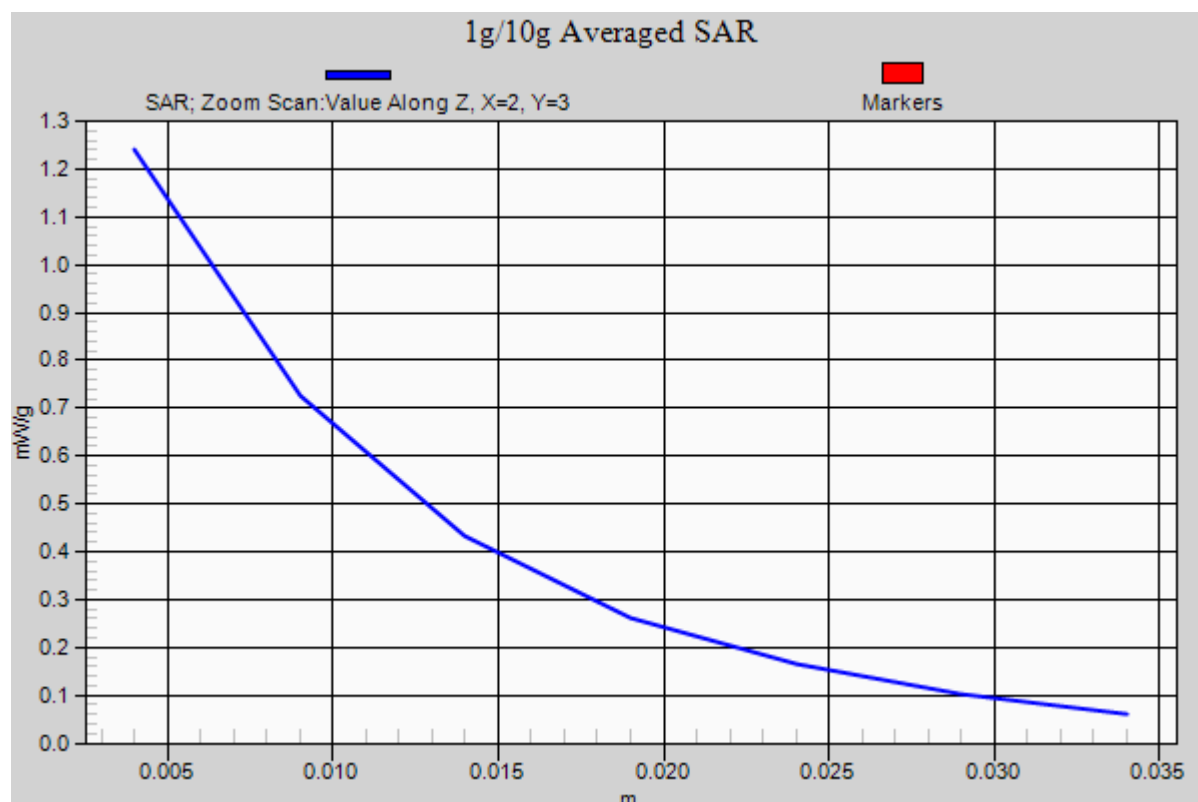
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20300/Area Scan (41x131x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.04 mW/g

Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.1 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.562 mW/g
Maximum value of SAR (measured) = 1.24 mW/g



#125 LTE Band 4_16QAM(50-25)_20M_Curved surface of Edge 1
_Bottom Face tilted_0cm_Ch20050

DUT: 240709

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120816 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 51.4$;

$\rho = 1000$ kg/m³

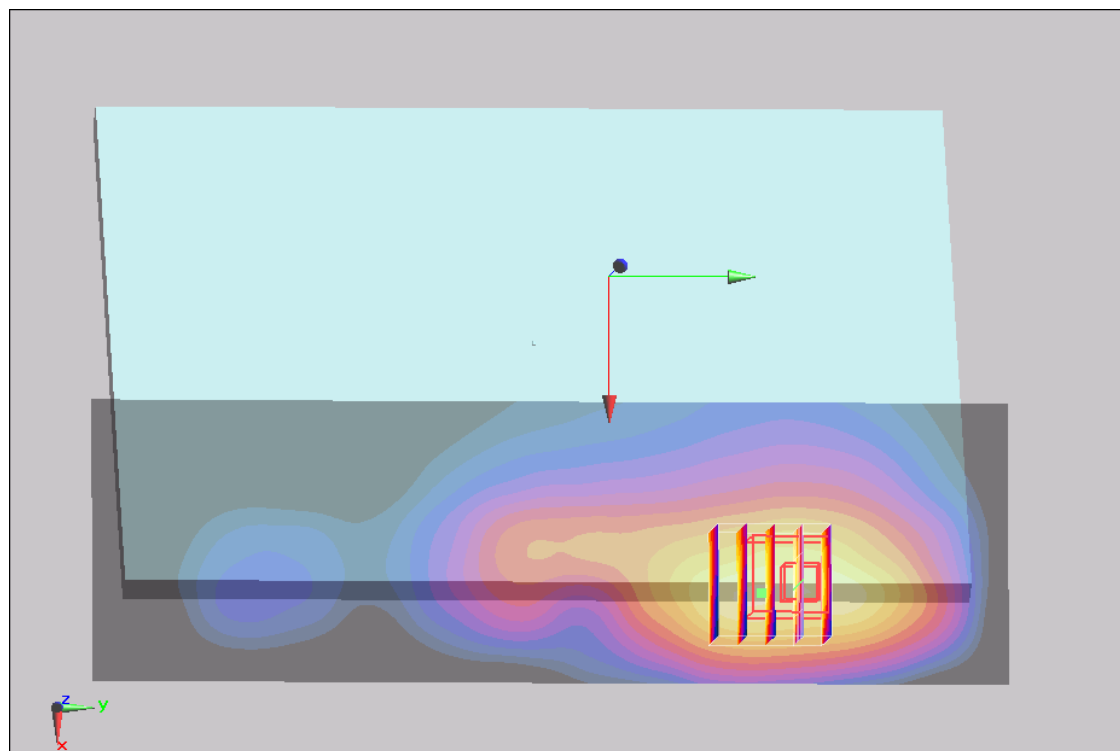
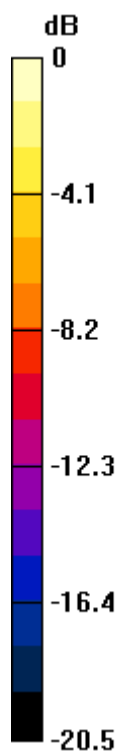
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20050/Area Scan (41x131x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.858 mW/g

Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.72 V/m; Power Drift = 0.020 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.493 mW/g
Maximum value of SAR (measured) = 1.1 mW/g



0 dB = 1.1mW/g

#114 LTE Band 4_16QAM(50-25)_20M_Curved surface of Edge 1
_Bottom Face tilted_0cm_Ch20175

DUT: 240709

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

Medium: MSL_1750_120816 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r =$

51.3 ; $\rho = 1000 \text{ kg/m}^3$

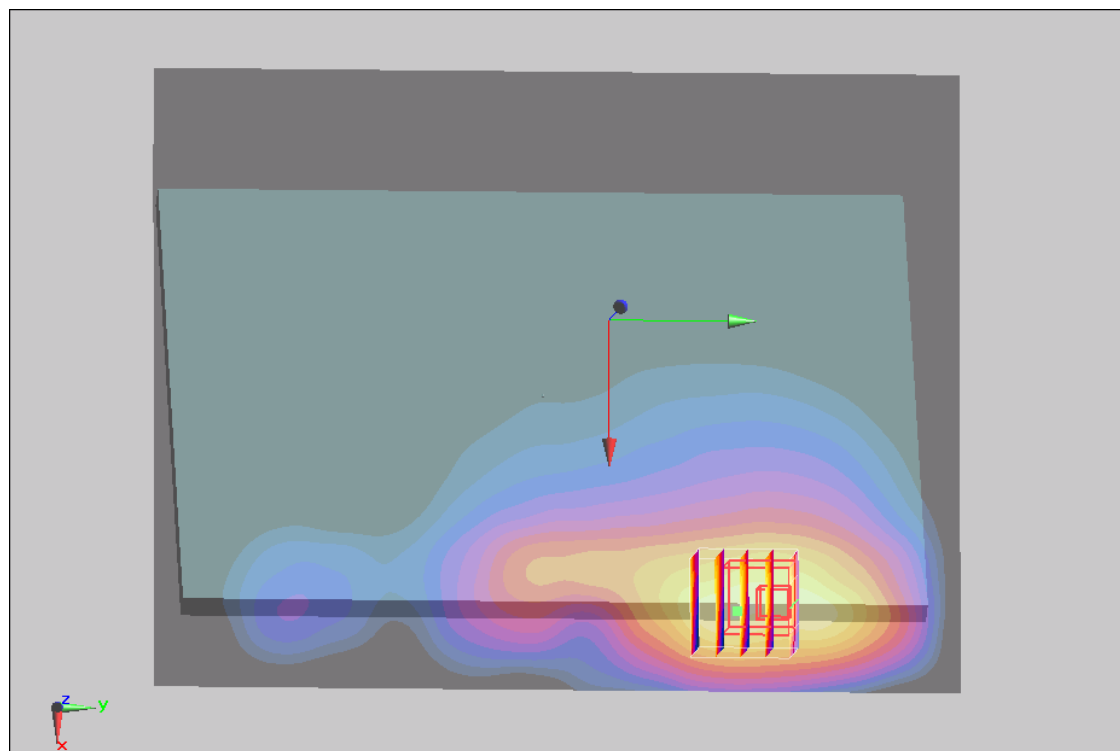
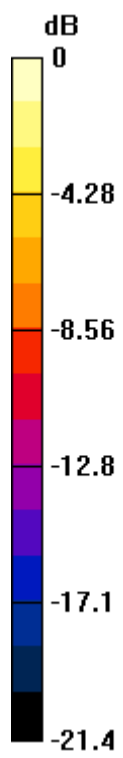
Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20175/Area Scan (101x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.782 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 2.73 V/m ; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 1.6 W/kg
SAR(1 g) = 0.881 mW/g ; SAR(10 g) = 0.456 mW/g
Maximum value of SAR (measured) = 1.03 mW/g



0 dB = 1.03mW/g

#115 LTE Band 4_16QAM(50-25)_20M_Curved surface of Edge 1
_Bottom Face tilted_0cm_Ch20300

DUT: 240709

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120816 Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$

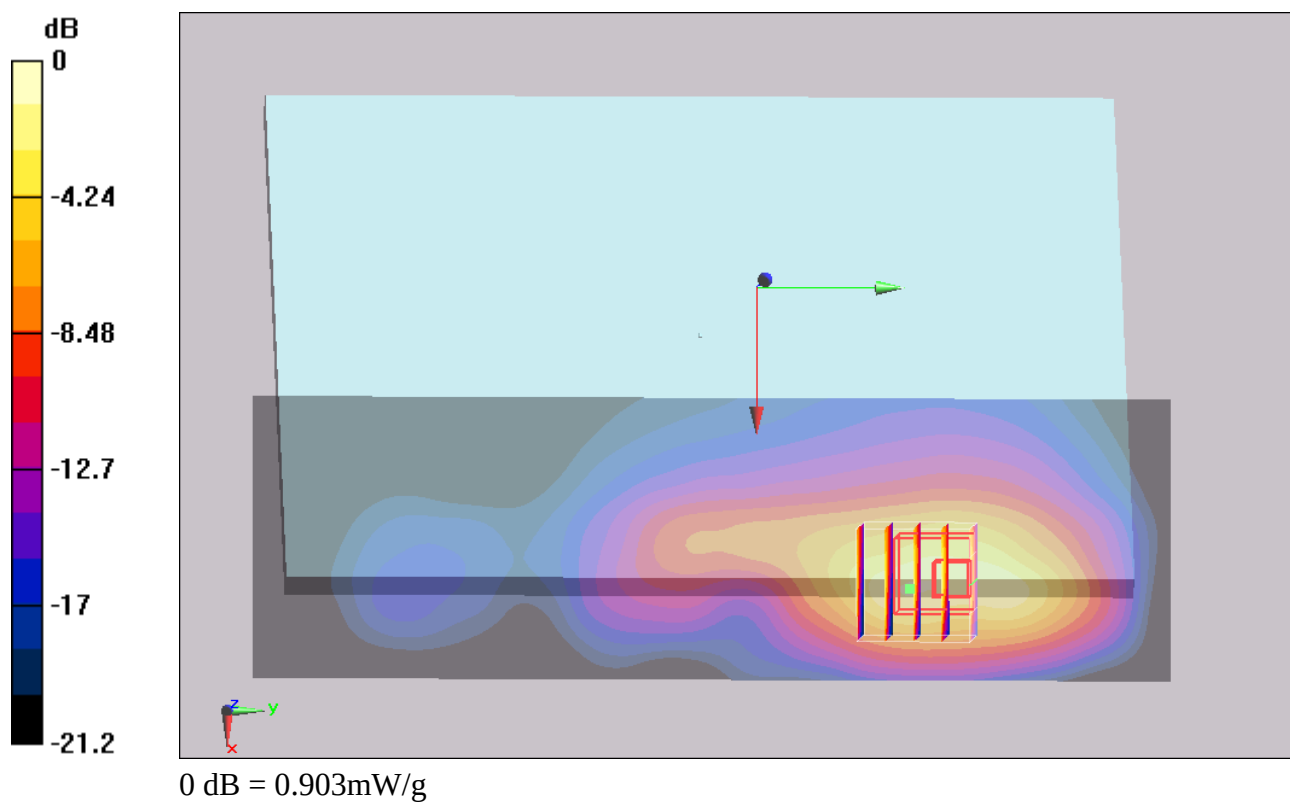
Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch20300/Area Scan (41x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (interpolated) = 0.676 mW/g

Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 2.36 V/m ; Power Drift = 0.051 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.765 mW/g ; SAR(10 g) = 0.388 mW/g
Maximum value of SAR (measured) = 0.903 mW/g



#231 WLAN2.4G_802.11b_Bottom Face_0cm_Ch6_Ant1

DUT: 240709

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

Medium: MSL_2450_120725 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.94 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch6/Area Scan (101x61x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

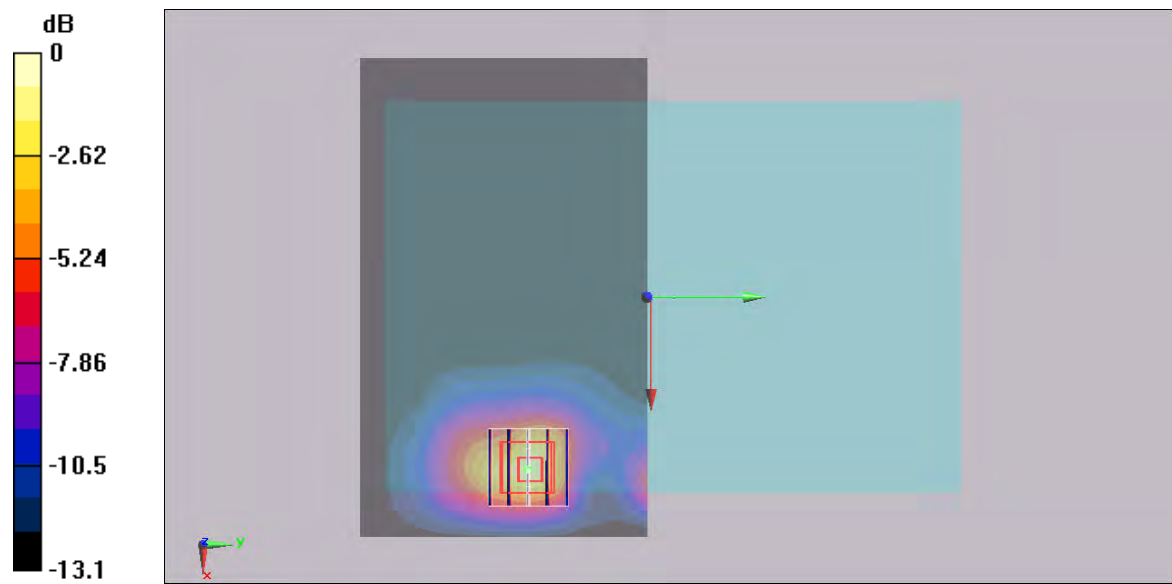
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.42 V/m ; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 3.14 W/kg

SAR(1 g) = 1.26 mW/g ; SAR(10 g) = 0.573 mW/g

Maximum value of SAR (measured) = 1.47 mW/g



0 dB = 1.47mW/g

#231 WLAN2.4G_802.11b_Bottom Face_0cm_Ch6_Ant1_2D**DUT: 240709**

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

Medium: MSL_2450_120725 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.938$ mho/m; $\epsilon_r =$ 53.878; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (101x61x1): Measurement grid: dx=20mm, dy=20mm

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

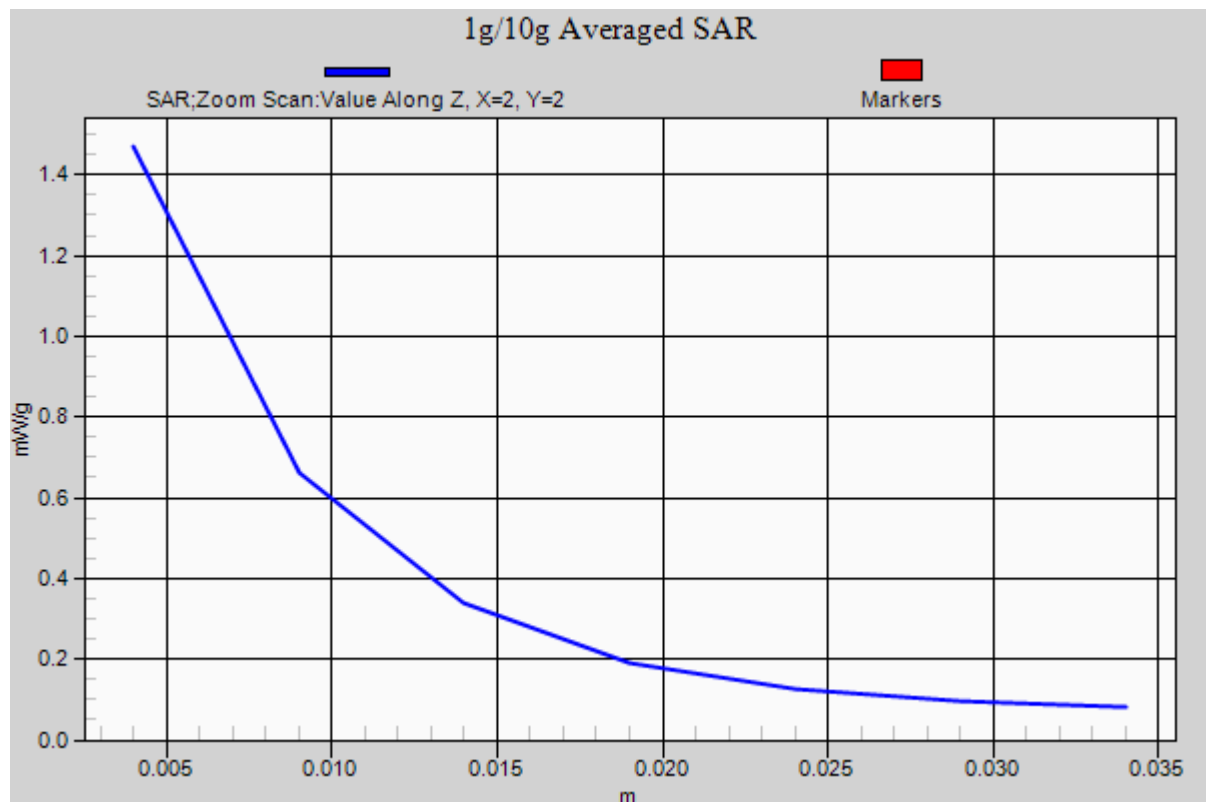
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.418 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 3.137 mW/g

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.573 mW/g

Maximum value of SAR (measured) = 1.47 mW/g



#232 WLAN2.4G_802.11b_Bottom Face_0cm_Ch1_Ant1

DUT: 240709

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

Medium: MSL_2450_120725 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.9 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch1/Area Scan (91x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.1 mW/g

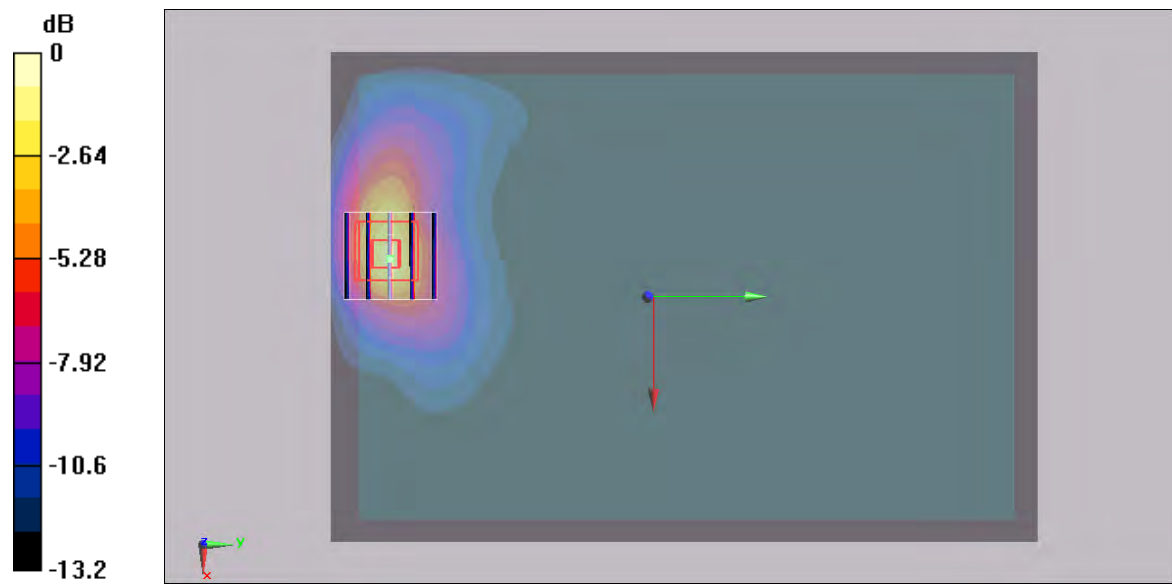
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.1 V/m ; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 3.25 W/kg

SAR(1 g) = 1.22 mW/g ; SAR(10 g) = 0.518 mW/g

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



#233 WLAN2.4G_802.11b_Bottom Face_0cm_Ch11_Ant1

DUT: 240709

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

Medium: MSL_2450_120725 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.97 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch11/Area Scan (91x61x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

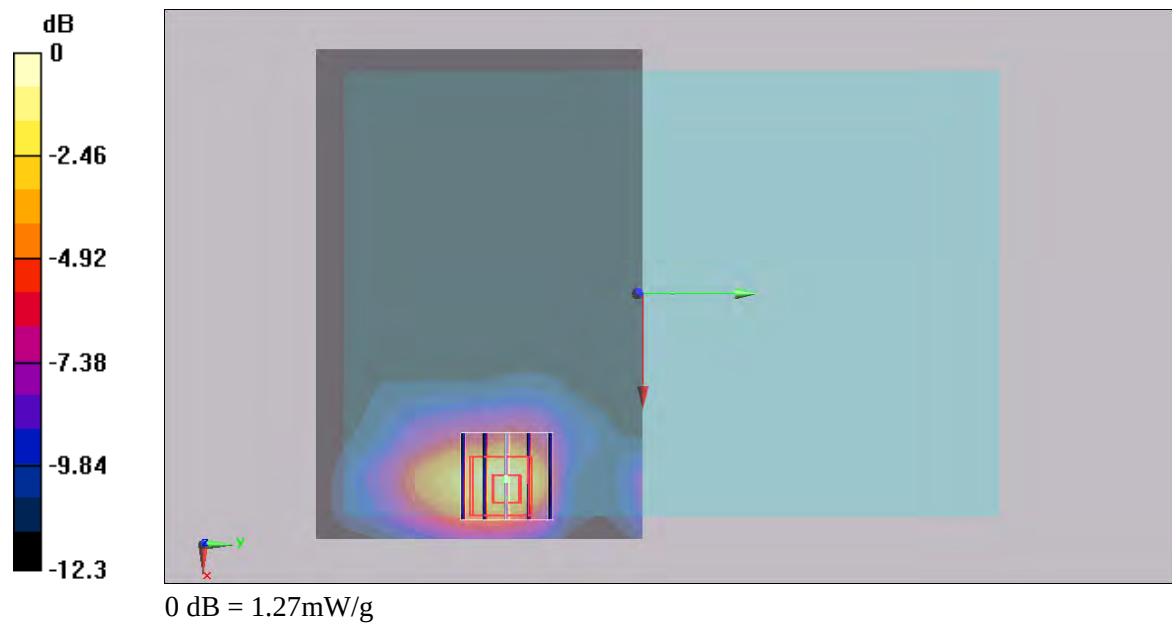
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.11 V/m ; Power Drift = 0.146 dB

Peak SAR (extrapolated) = 2.93 W/kg

SAR(1 g) = 1.17 mW/g ; SAR(10 g) = 0.543 mW/g

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



#234 WLAN2.4G_802.11b_Edge 1_0cm_Ch6_Ant1

DUT: 240709

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

Medium: MSL_2450_120725 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.94 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch6/Area Scan (31x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.948 mW/g

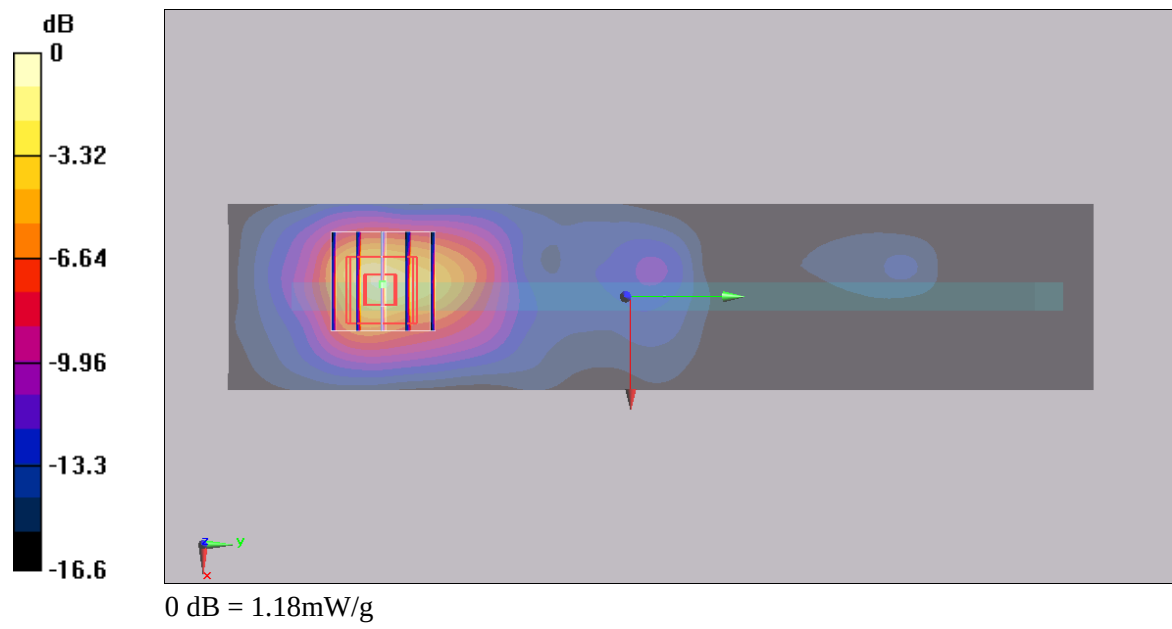
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.71 V/m ; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 2.33 W/kg

SAR(1 g) = 1.11 mW/g ; SAR(10 g) = 0.505 mW/g

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



#235 WLAN2.4G_802.11b_Edge 1_0cm_Ch1_Ant1

DUT: 240709

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

Medium: MSL_2450_120725 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.9 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch1/Area Scan (31x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.750 mW/g

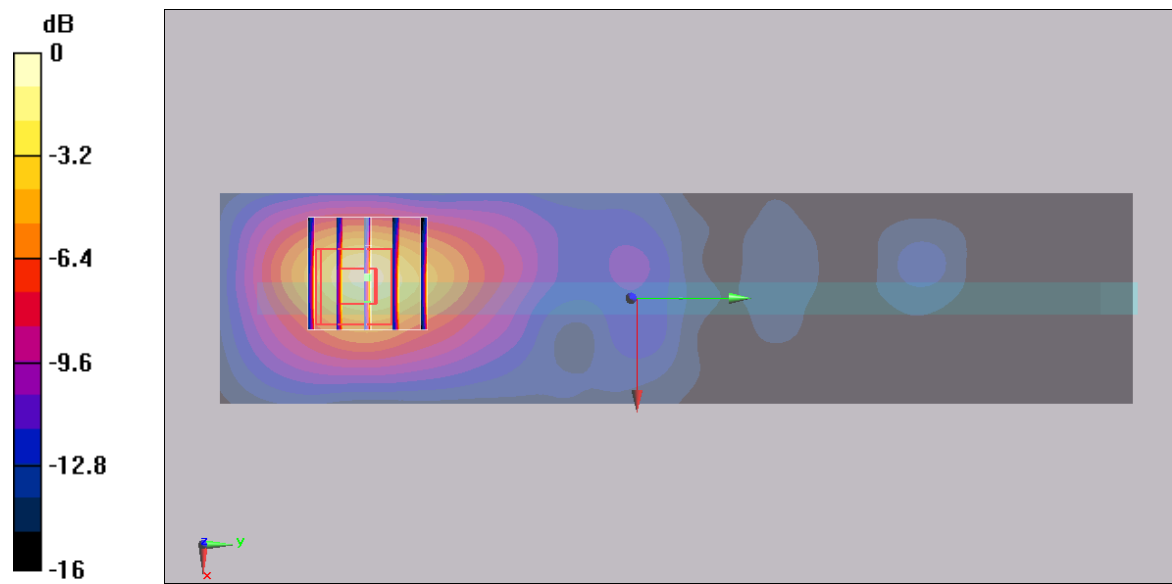
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.04 V/m ; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 0.900 mW/g ; SAR(10 g) = 0.414 mW/g

Maximum value of SAR (measured) = 0.869 mW/g



0 dB = 0.869mW/g

#236 WLAN2.4G_802.11b_Edge 1_0cm_Ch11_Ant 1**DUT: 240709**

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

Medium: MSL_2450_120726 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.989$ mho/m; $\epsilon_r =$ 52.298; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (31x131x1): Measurement grid: dx=20mm, dy=20mm

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

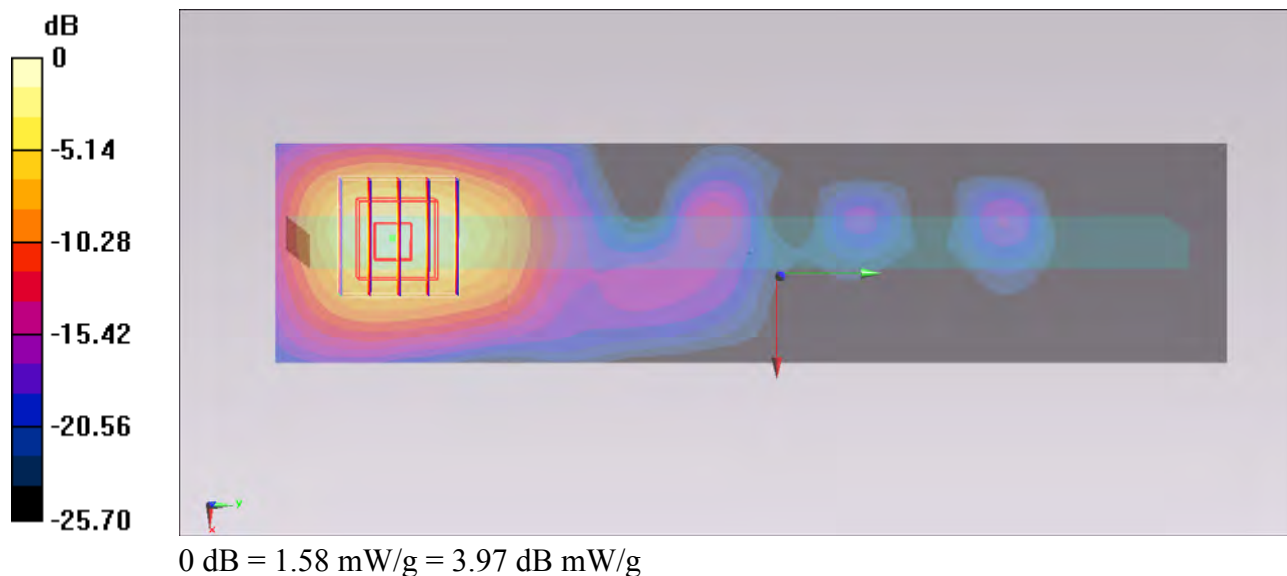
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.510 V/m; Power Drift = -0.161 dB

Peak SAR (extrapolated) = 3.005 mW/g

SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.610 mW/g

Maximum value of SAR (measured) = 1.58 mW/g



#237 WLAN2.4G_802.11b_Edge 4_0cm_Ch6_Ant 1**DUT: 240709**

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

Medium: MSL_2450_120726 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.955$ mho/m; $\epsilon_r =$ 52.387; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (31x101x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0929 mW/g

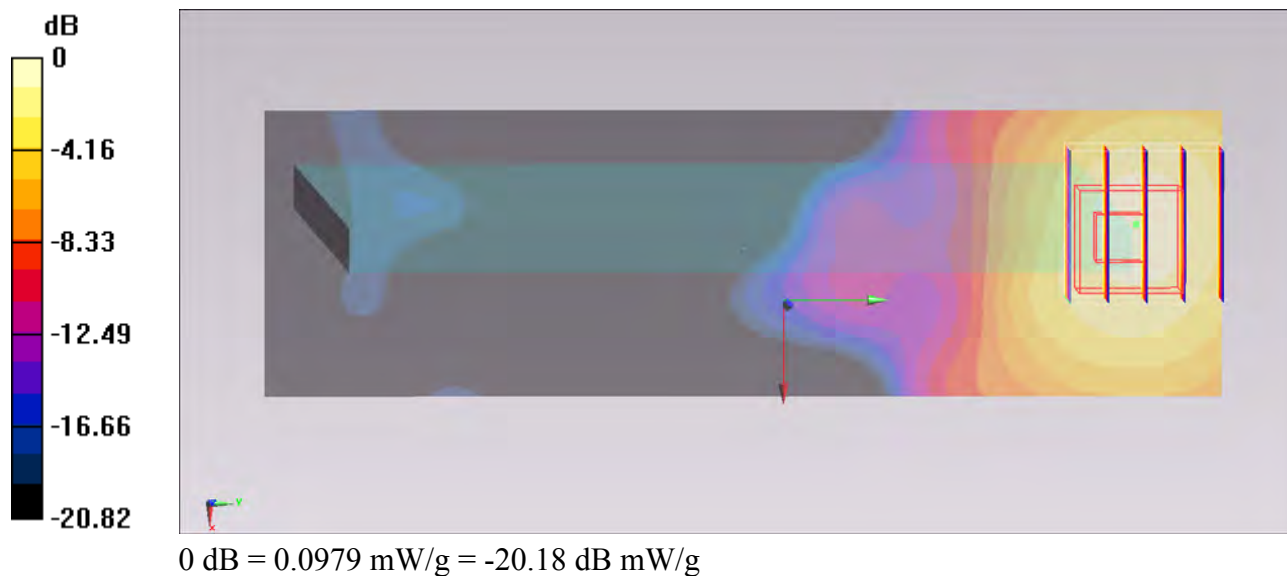
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.871 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 0.188 mW/g

SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.0979 mW/g



#268 WLAN2.4G_802.11b_Edge1 Bottom Face_Tilted_0cm_Ch6_Ant1

DUT: 240709

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

Medium: MSL_2450_120913 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.94 \text{ mho/m}$; $\epsilon_r = 53.9$;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch6/Area Scan (31x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.763 mW/g

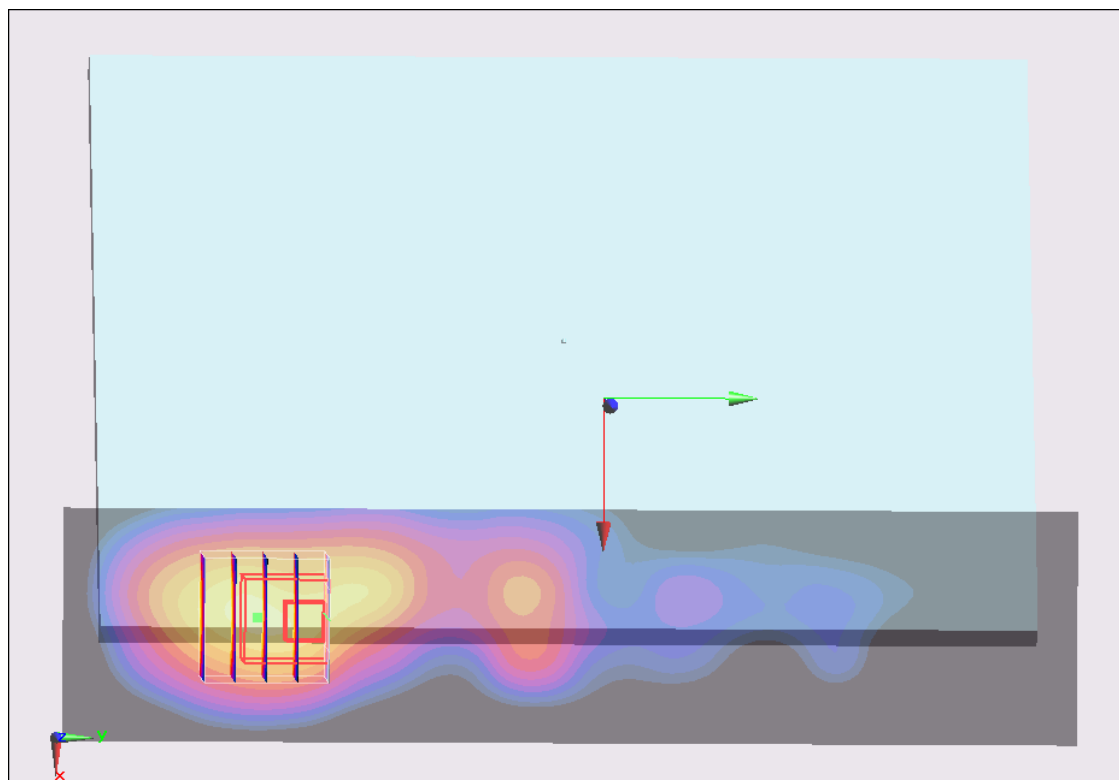
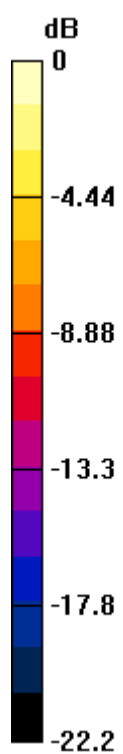
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.12 V/m ; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 2.71 W/kg

SAR(1 g) = 1.03 mW/g ; SAR(10 g) = 0.428 mW/g

Maximum value of SAR (measured) = 1.3 mW/g



0 dB = 1.3mW/g

#270 WLAN2.4G_802.11b_Edge1 Bottom Face_Tilted_0cm_Ch11_Ant1

DUT: 240709

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

Medium: MSL_2450_120913 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.97 \text{ mho/m}$; $\epsilon_r = 53.8$;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch11/Area Scan (31x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.912 mW/g

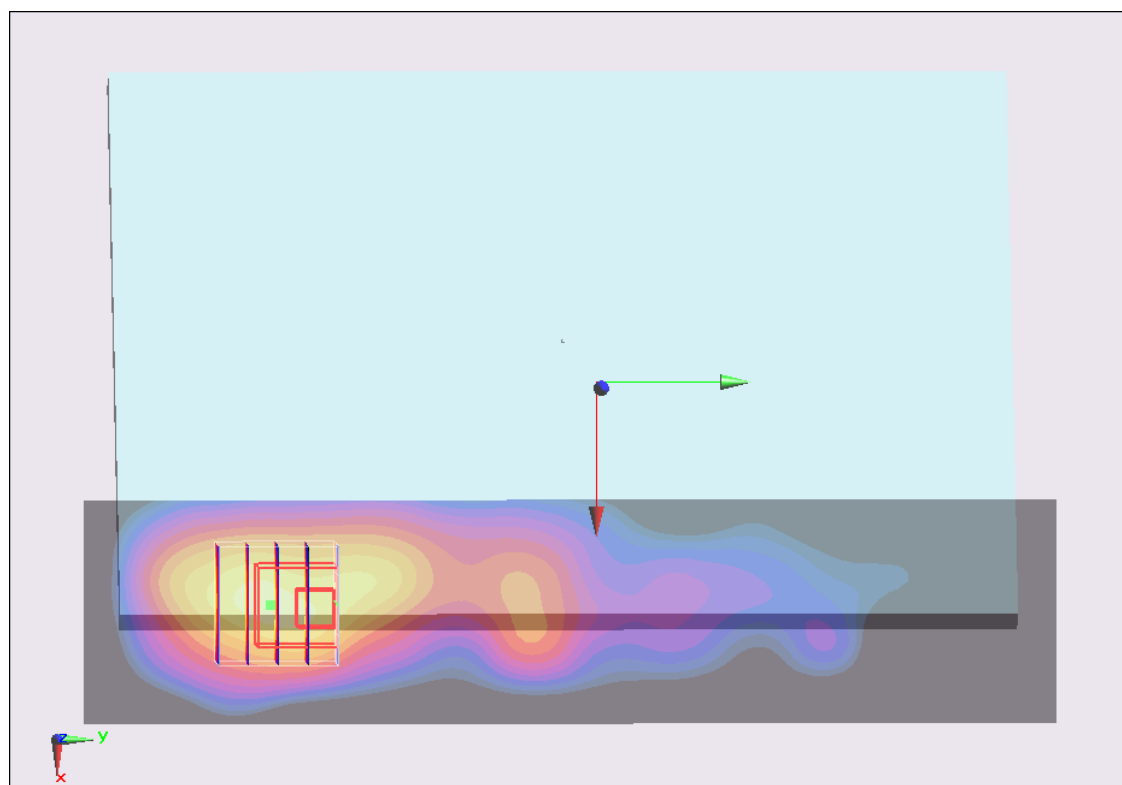
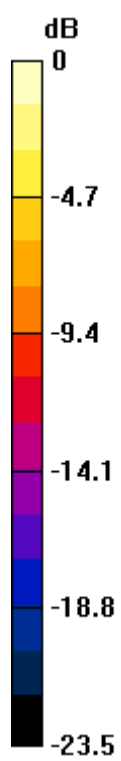
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.707 V/m ; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 3.15 W/kg

SAR(1 g) = 1.19 mW/g ; SAR(10 g) = 0.495 mW/g

Maximum value of SAR (measured) = 1.51 mW/g



0 dB = 1.51mW/g

#270 WLAN2.4G_802.11b_Bottom Face Tilted_0cm_Ch11_Ant1_2D**DUT: 240709**

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

Medium: MSL_2450_120913 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.973$ mho/m; $\epsilon_r = 53.799$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Measurement SW: DASY5, Version 5.0 (120); SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (31x131x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.912 mW/g

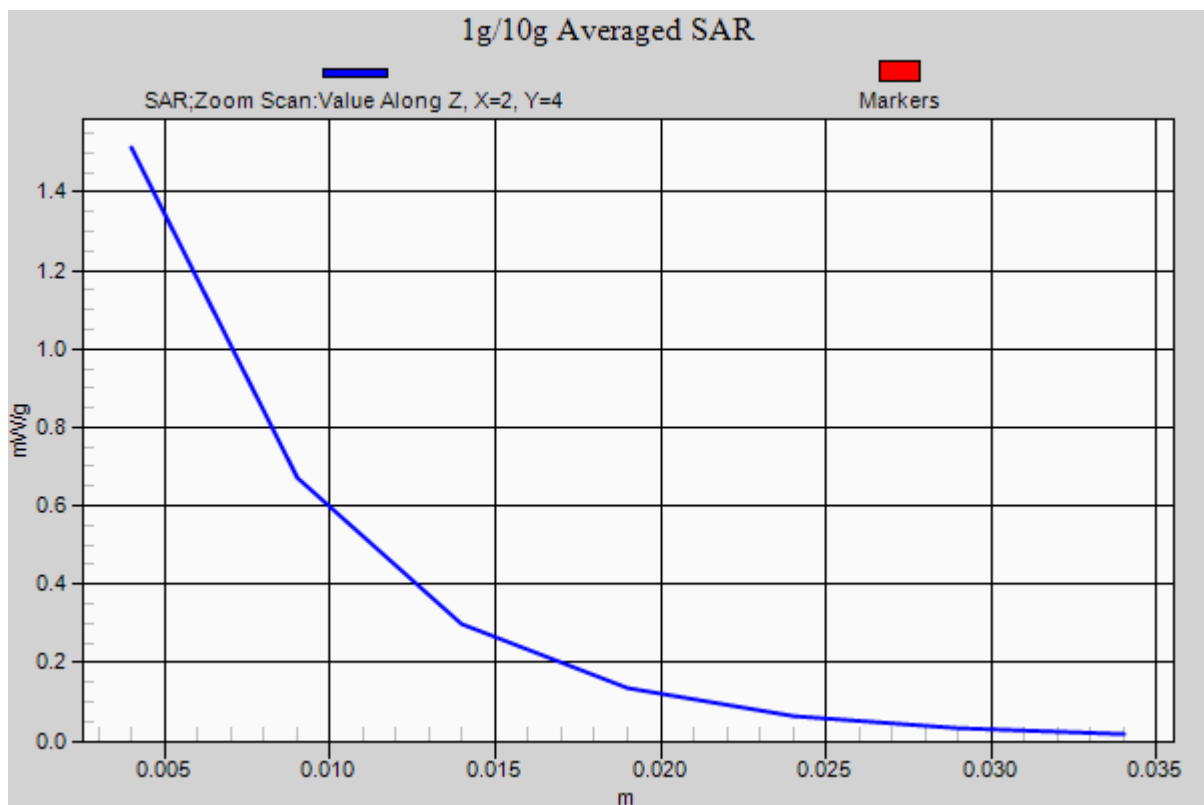
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.707 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 3.152 mW/g

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.495 mW/g

Maximum value of SAR (measured) = 1.51 mW/g



#269 WLAN2.4G_802.11b_Edge1 Bottom Face_Tilted_0cm_Ch1_Ant1

DUT: 240709

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

Medium: MSL_2450_120913 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.9 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch1/Area Scan (31x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

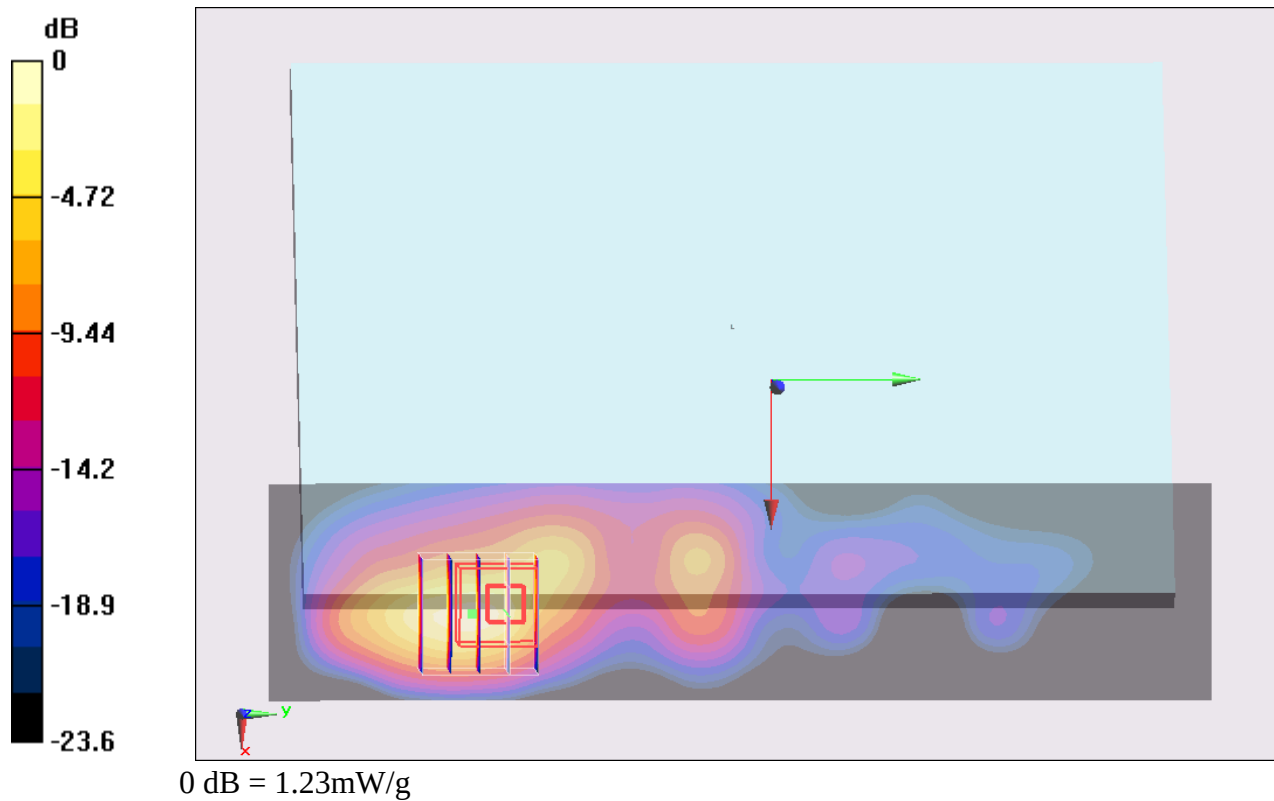
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.16 V/m ; Power Drift = 0.108 dB

Peak SAR (extrapolated) = 2.72 W/kg

SAR(1 g) = 1.07 mW/g ; SAR(10 g) = 0.432 mW/g

Maximum value of SAR (measured) = 1.23 mW/g



#246 WLAN2.4G_802.11n(20M)_Bottom Face_0cm_Ch6_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120726 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.955$ mho/m; $\epsilon_r =$ 52.387; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (101x131x1): Measurement grid: dx=20mm, dy=20mm

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

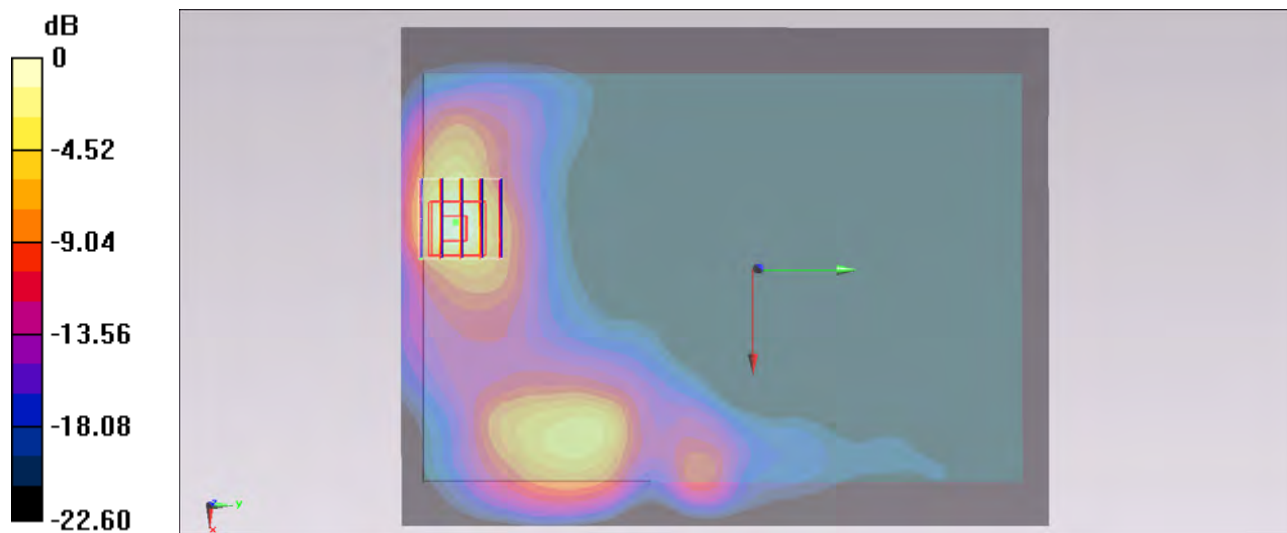
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 2.976 mW/g

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.447 mW/g

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



0 dB = 1.20 mW/g = 1.58 dB mW/g

#246 WLAN2.4G_802.11n(20M)_Bottom Face_0cm_Ch6_Ant 1+2_2D**DUT: 240709**

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120726 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.955$ mho/m; $\epsilon_r =$ 52.387; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (101x131x1): Measurement grid: dx=20mm, dy=20mm

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

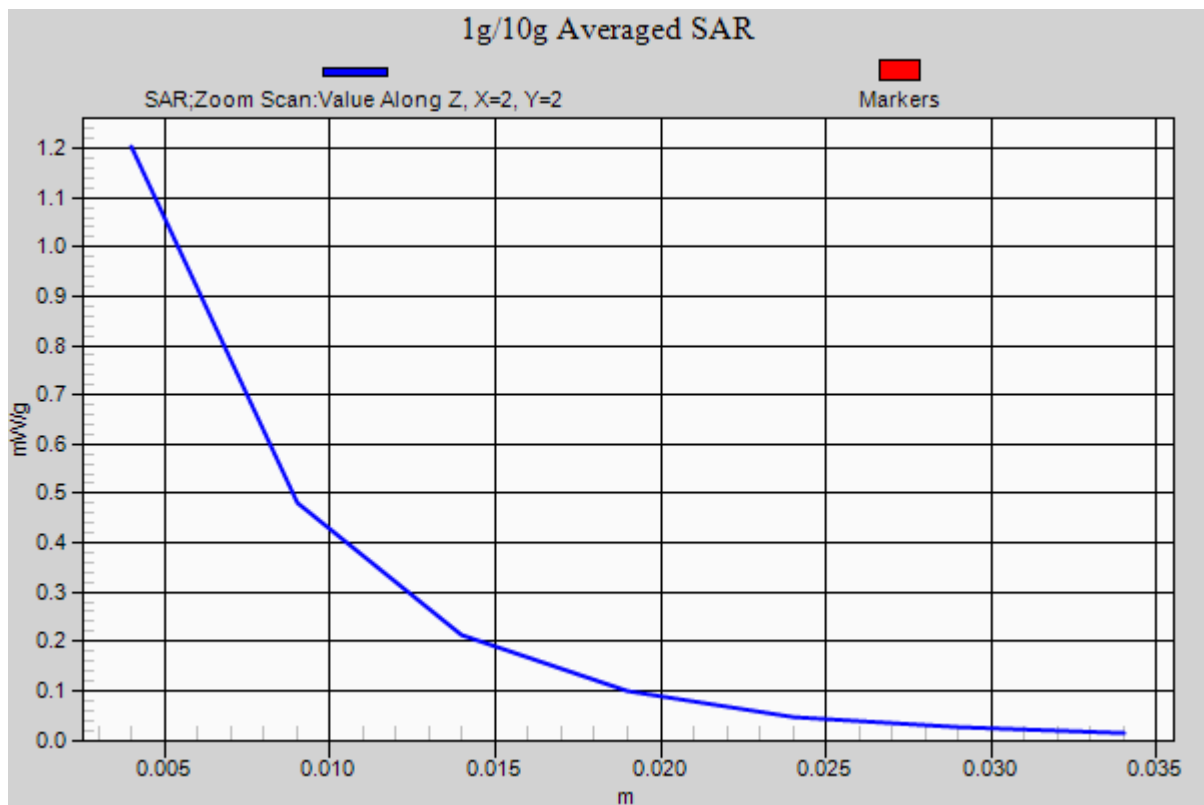
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 2.976 mW/g

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.447 mW/g

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



#267 WLAN2.4G_802.11n(20M)_Bottom Face_0cm_Ch1_Ant 1+2

DUT: 240709

Communication System: 802.11n; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120725 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.9$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch1/Area Scan (91x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.313 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.480 mW/g

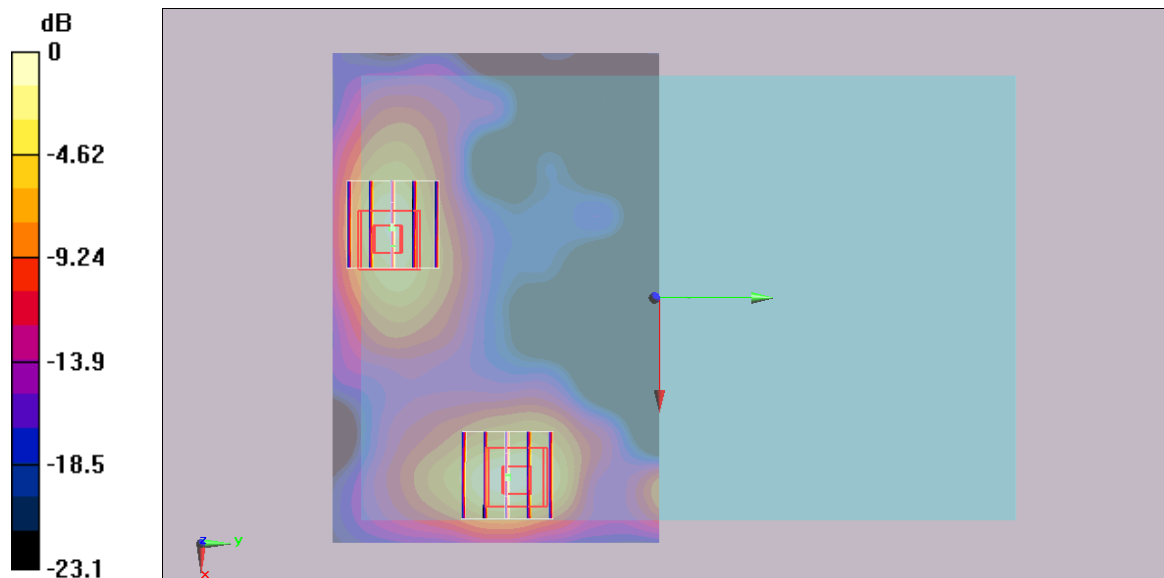
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.819 W/kg

SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 0.362 mW/g



0 dB = 0.362mW/g

#248 WLAN2.4G_802.11n(20M)_Bottom Face_0cm_Ch11_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120726 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.989$ mho/m; $\epsilon_r =$ 52.298; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (101x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.403 mW/g

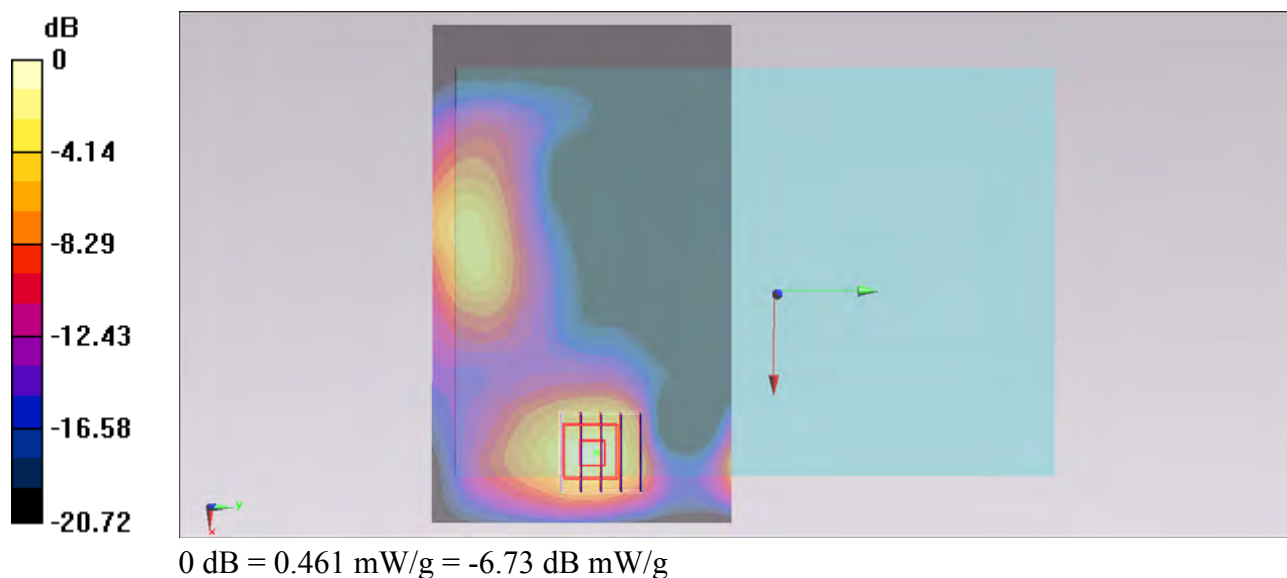
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.488 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.926 mW/g

SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.461 mW/g



#249 WLAN2.4G_802.11n(20M)_Edge 1_0cm_Ch6_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120726 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.955$ mho/m; $\epsilon_r =$ 52.387; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (31x131x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.656 mW/g

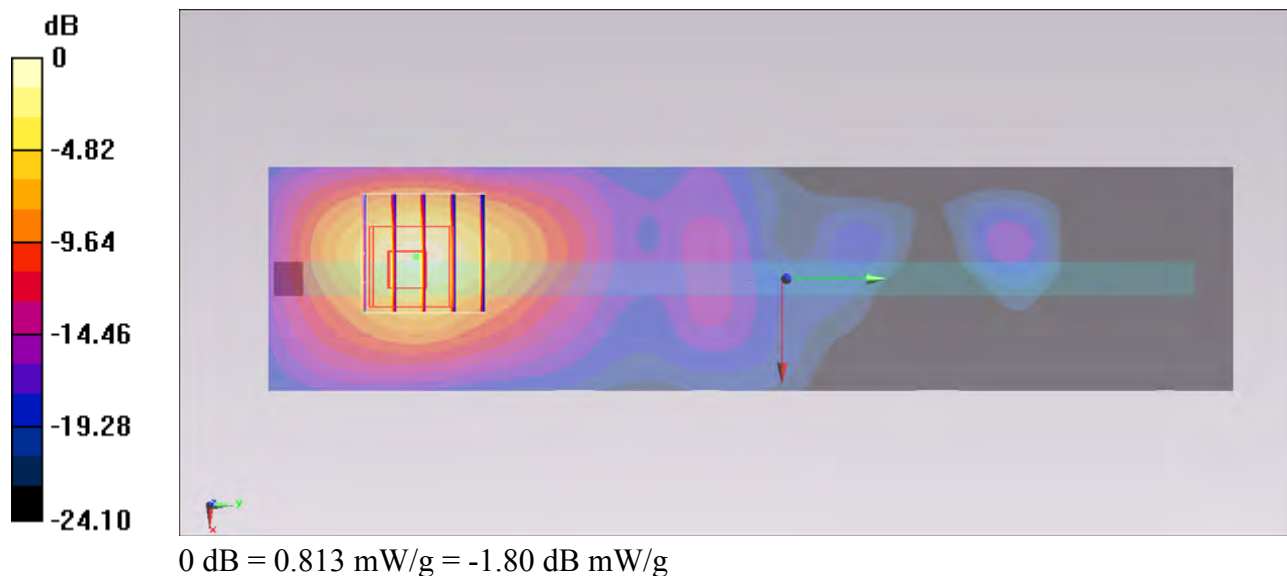
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.225 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.772 mW/g

SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.361 mW/g

Maximum value of SAR (measured) = 0.813 mW/g



#250 WLAN2.4G_802.11n(20M)_Edge 1_0cm_Ch1_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120726 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.922$ mho/m; $\epsilon_r =$ 52.444; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch1/Area Scan (31x131x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.209 mW/g

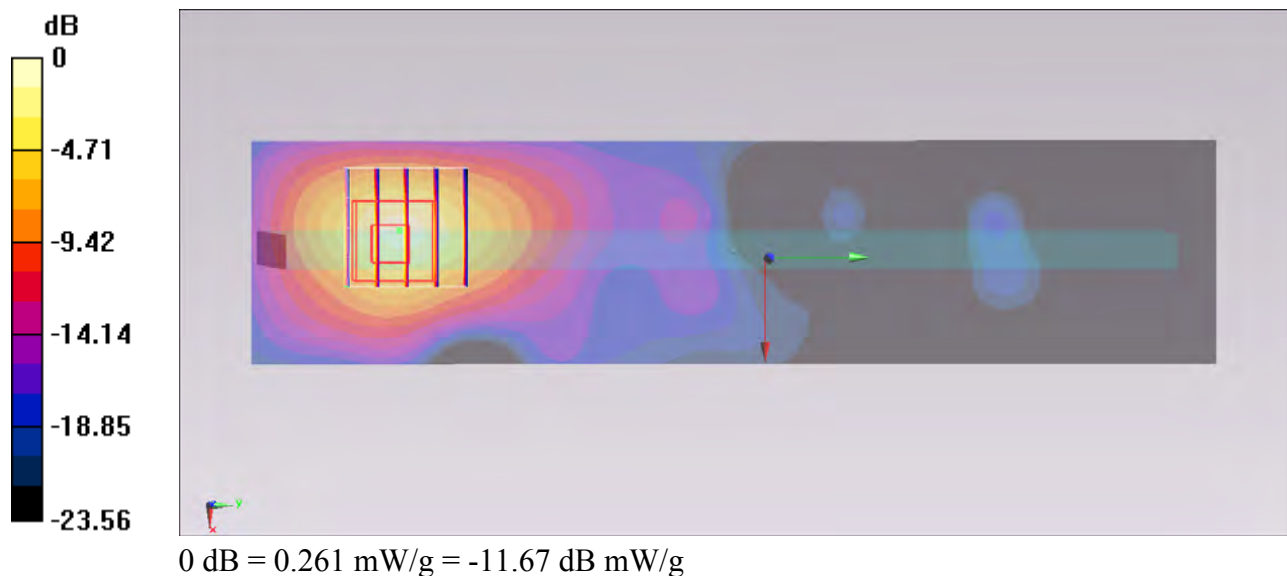
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.676 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.548 mW/g

SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.115 mW/g

Maximum value of SAR (measured) = 0.261 mW/g



#251 WLAN2.4G_802.11n(20M)_Edge 1_0cm_Ch11_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120726 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.989$ mho/m; $\epsilon_r =$ 52.298; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (31x131x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.258 mW/g

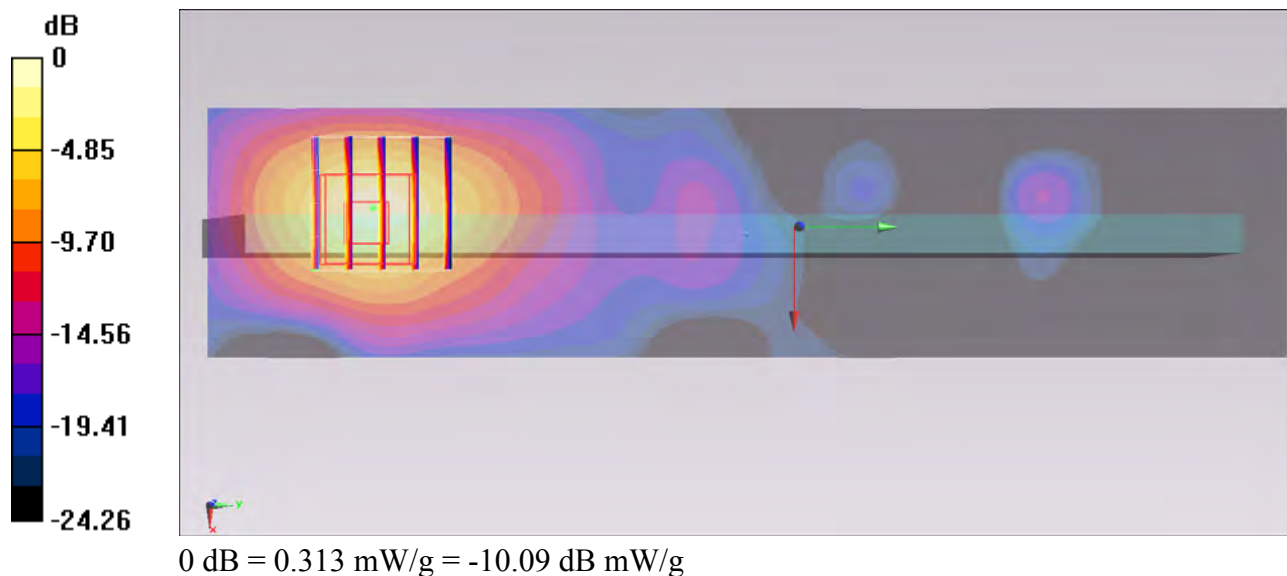
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.570 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.676 mW/g

SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.313 mW/g



#252 WLAN2.4G_802.11n(20M)_Edge 4_0cm_Ch6_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120726 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.955$ mho/m; $\epsilon_r =$ 52.387; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (31x101x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.469 mW/g

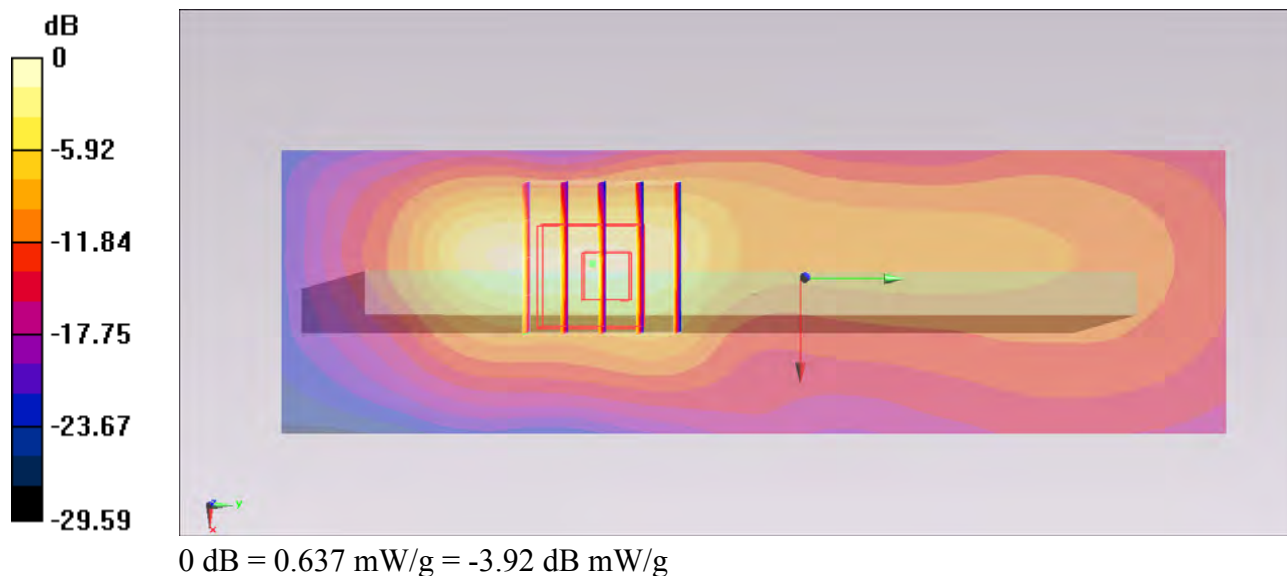
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.276 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.650 mW/g

SAR(1 g) = 0.640 mW/g; SAR(10 g) = 0.253 mW/g

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



#305 WLAN2.4G_802.11n(20M)_Edge4 Bottom Face_Tilted_0cm_Ch6_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120915 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 52.324$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (101x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.854 mW/g

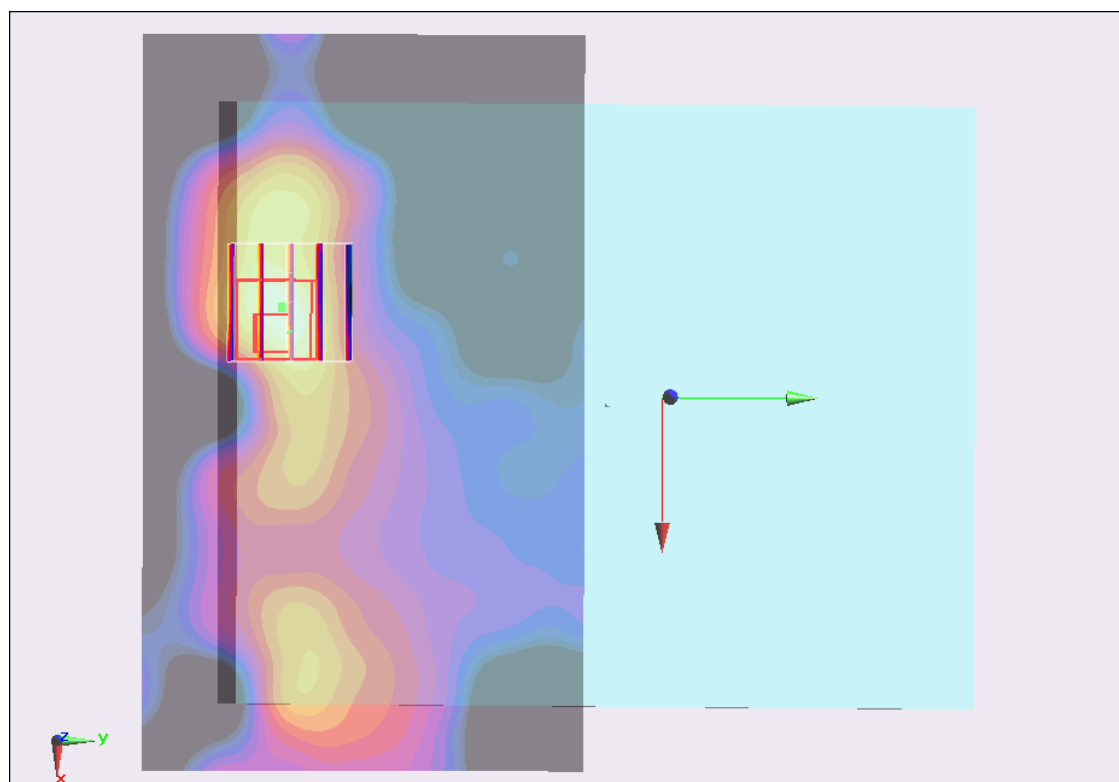
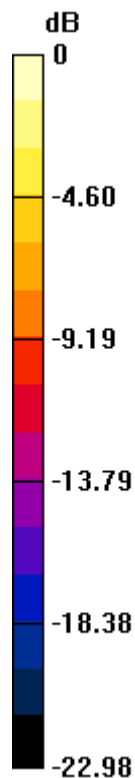
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.599 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 2.461 mW/g

SAR(1 g) = 0.896 mW/g; SAR(10 g) = 0.355 mW/g

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

 $0 \text{ dB} = 0.927 \text{ mW/g} = -0.66 \text{ dB mW/g}$

#305 WLAN2.4G_802.11n(20M)_Edge4 Bottom Face_Tilted_0cm_Ch6_Ant1+2_2D**DUT: 240709**

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120915 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 52.324$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (101x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.854 mW/g

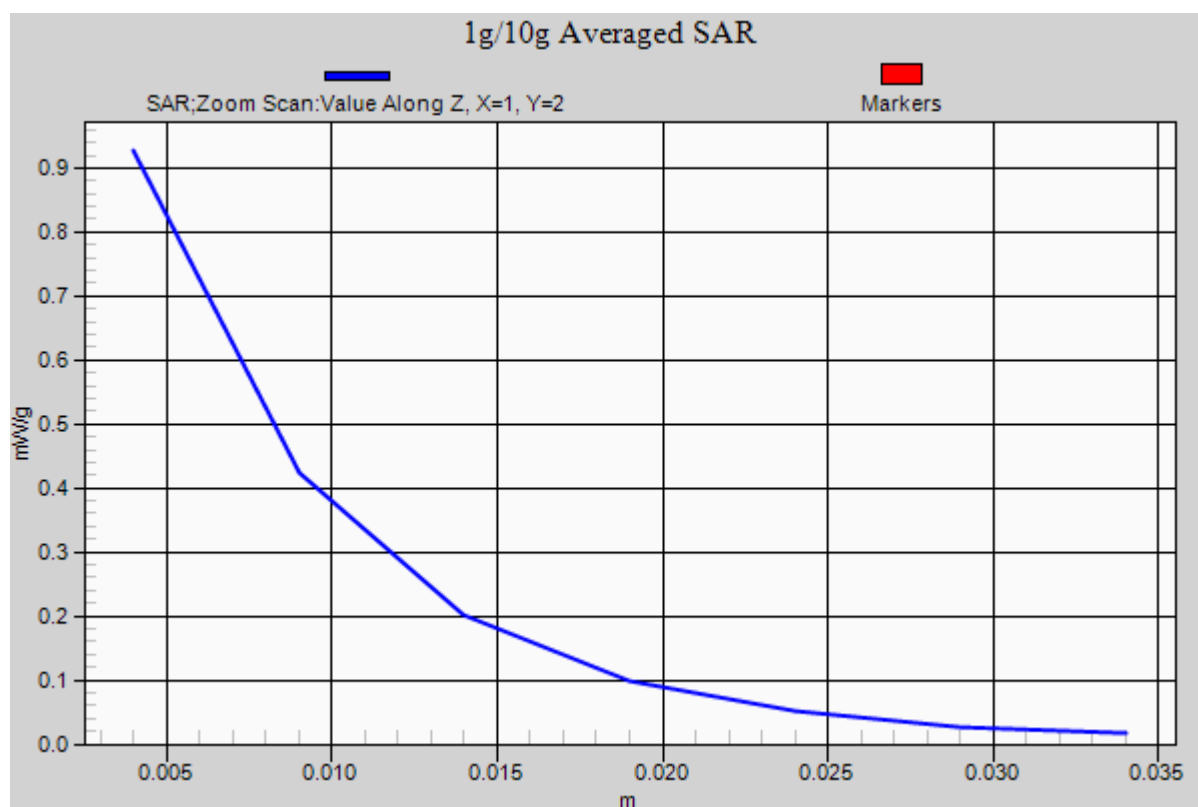
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.599 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 2.461 mW/g

SAR(1 g) = 0.896 mW/g; SAR(10 g) = 0.355 mW/g

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



#306 WLAN2.4G_802.11n(20M)_Edge4 Bottom Face_Tilted_0cm_Ch1_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120915 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.918$ mho/m; $\epsilon_r = 52.404$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch1/Area Scan (101x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.399 mW/g

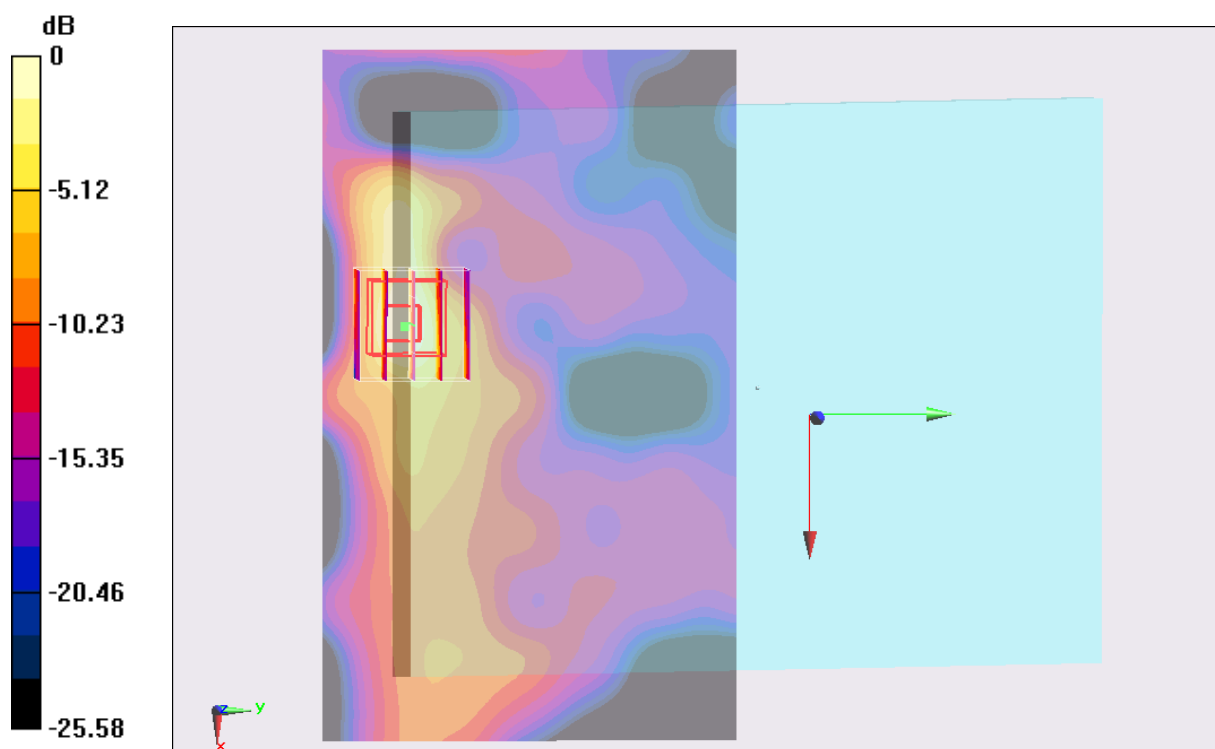
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.329 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 0.835 mW/g

SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.122 mW/g

Maximum value of SAR (measured) = 0.345 mW/g



#307 WLAN2.4G_802.11n(20M)_Edge4 Bottom Face_Tilted_0cm_Ch11_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120915 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.986$ mho/m; $\epsilon_r = 52.236$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (101x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.414 mW/g

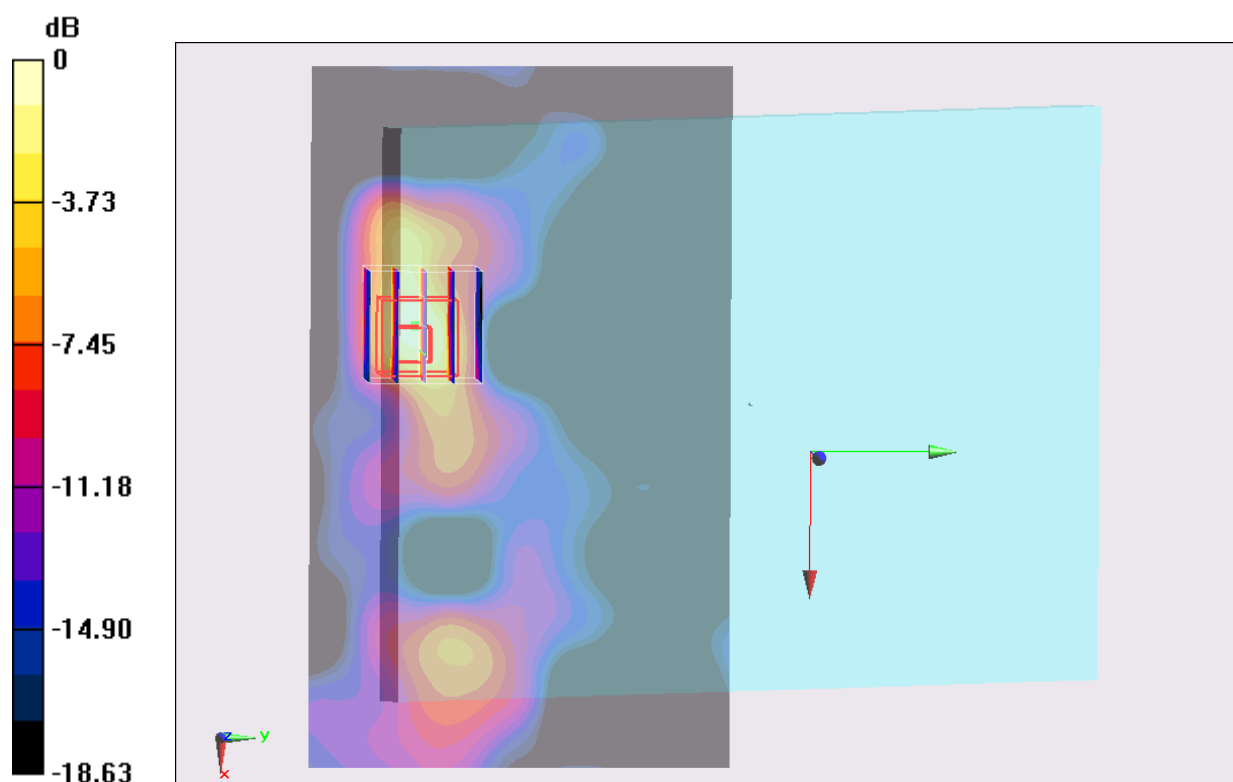
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.684 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 1.092 mW/g

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.157 mW/g

Maximum value of SAR (measured) = 0.445 mW/g



0 dB = 0.445 mW/g = -7.03 dB mW/g

#302 WLAN2.4G_802.11n(20M)_Edge1 Bottom Face_Tilted_0cm_Ch6_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120915 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 52.324$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (41x131x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.765 mW/g

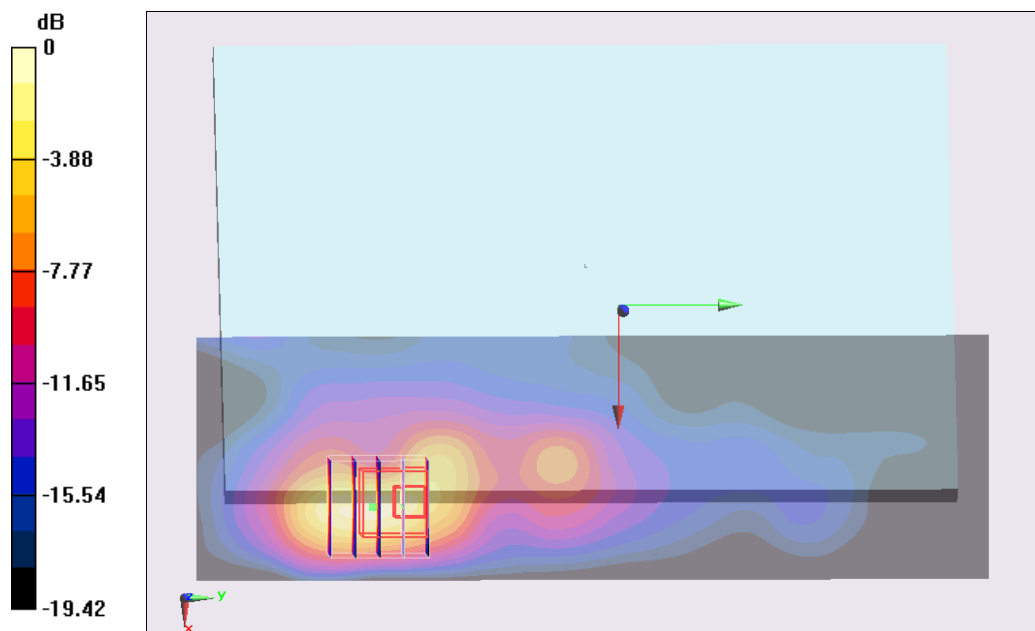
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.458 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 1.992 mW/g

SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.342 mW/g

Maximum value of SAR (measured) = 0.923 mW/g



0 dB = 0.923 mW/g = -0.70 dB mW/g

#303 WLAN2.4G_802.11n(20M)_Edge1 Bottom Face_Tilted_0cm_Ch1_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120913 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.904$ mho/m; $\epsilon_r = 53.957$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch1/Area Scan (41x131x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.282 mW/g

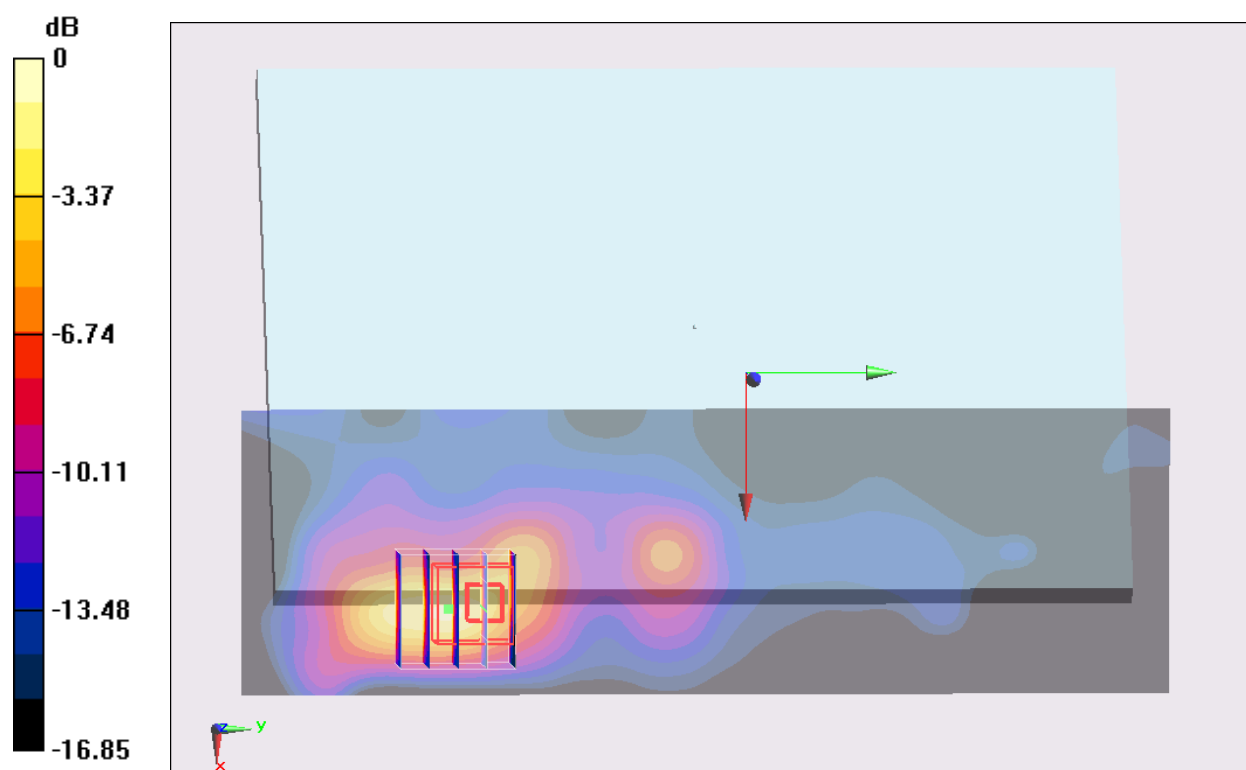
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.764 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.816 mW/g

SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.343 mW/g



0 dB = 0.343 mW/g = -9.29 dB mW/g

#304 WLAN2.4G_802.11n(20M)_Edge1 Bottom Face_Tilted_0cm_Ch11_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120913 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.973$ mho/m; $\epsilon_r = 53.799$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (41x131x1): Measurement grid: dx=20mm, dy=20mm

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

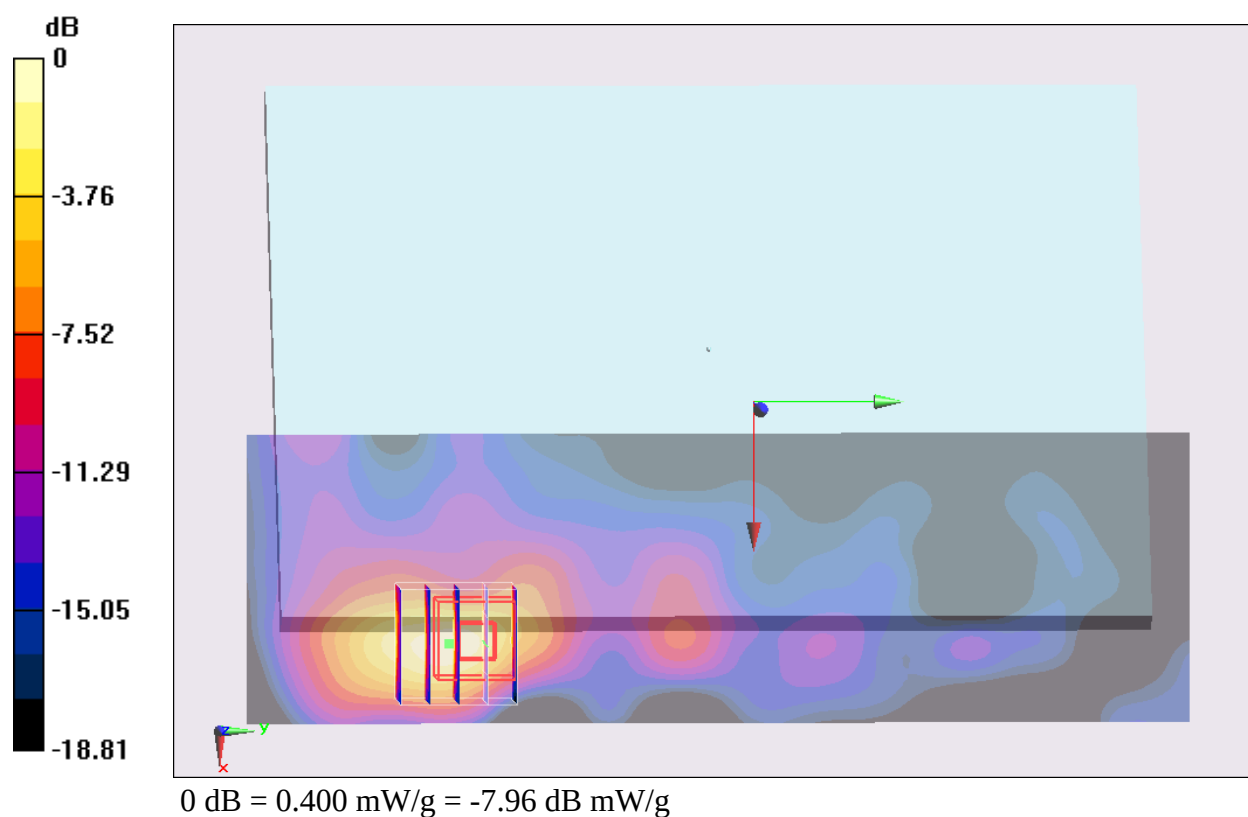
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.025 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 0.895 mW/g

SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 0.400 mW/g



#203 WLAN5G_802.11a_Bottom Face_0cm_Ch44_Ant1

DUT: 240709

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120917 Medium parameters used: $f = 5220 \text{ MHz}$; $\sigma = 5.31 \text{ mho/m}$; $\epsilon_r = 48.5$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch44/Area Scan (81x261x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.901 mW/g

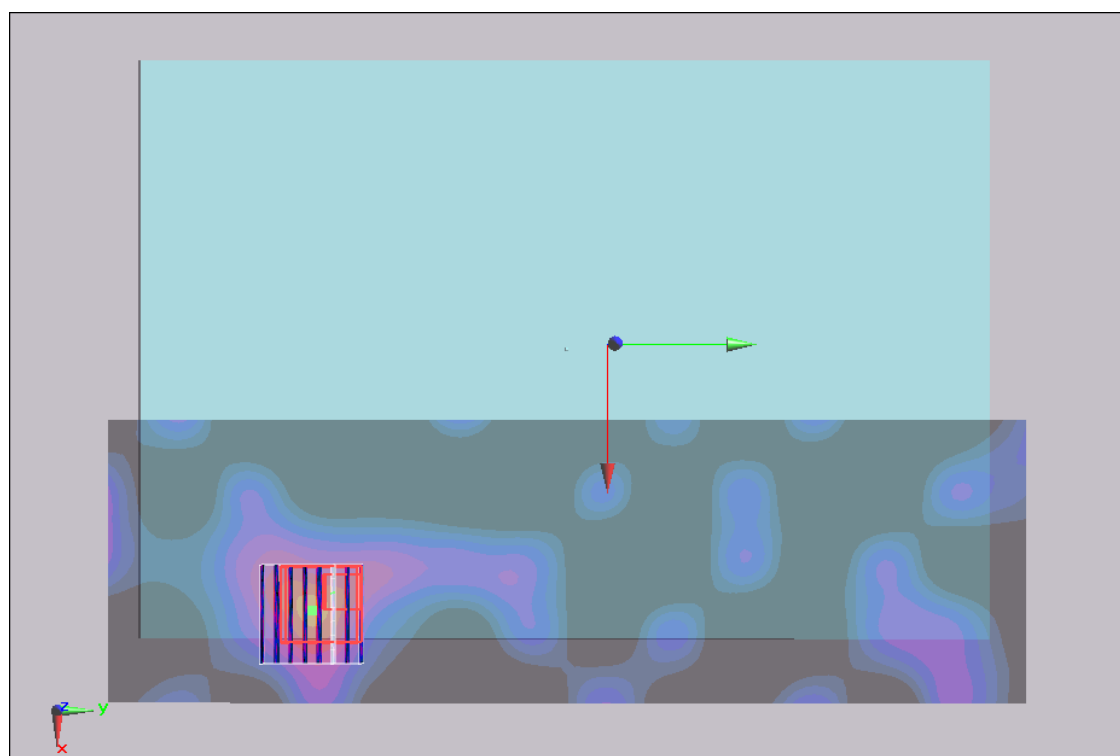
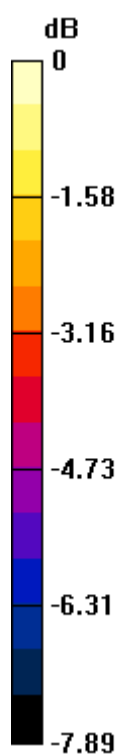
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 10.1 V/m ; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 2.78 W/kg

SAR(1 g) = 1.02 mW/g ; SAR(10 g) = 0.558 mW/g

Maximum value of SAR (measured) = 1.76 mW/g



0 dB = 1.76mW/g

#203 WLAN5G_802.11a_Bottom Face_0cm_Ch44_Ant1_2D**DUT: 240709**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120917 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.31$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch44/Area Scan (81x261x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.901 mW/g

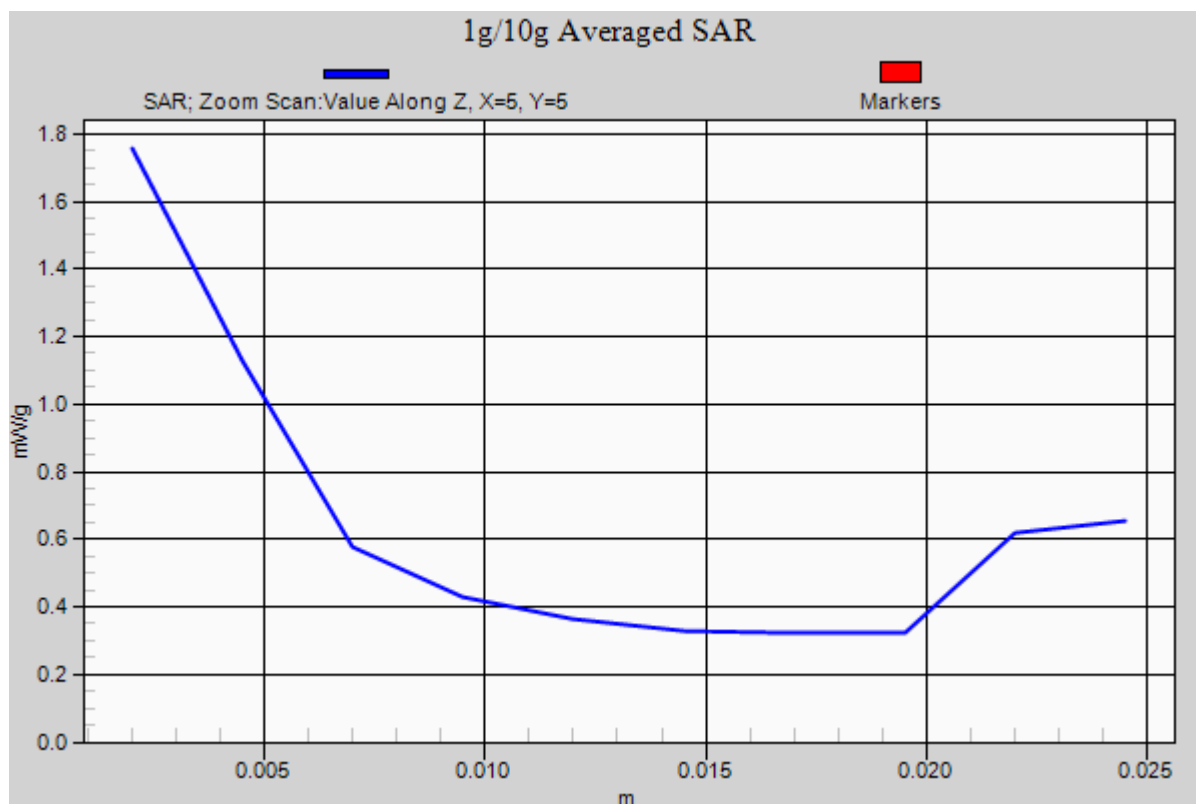
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.1 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 2.78 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.558 mW/g

Maximum value of SAR (measured) = 1.76 mW/g



#217 WLAN5G_802.11a_Bottom Face_0cm_Ch40_Ant1

DUT: 240709

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

Medium: MSL_5G_120917 Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.28 \text{ mho/m}$; $\epsilon_r = 48.5$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch40/Area Scan (81x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

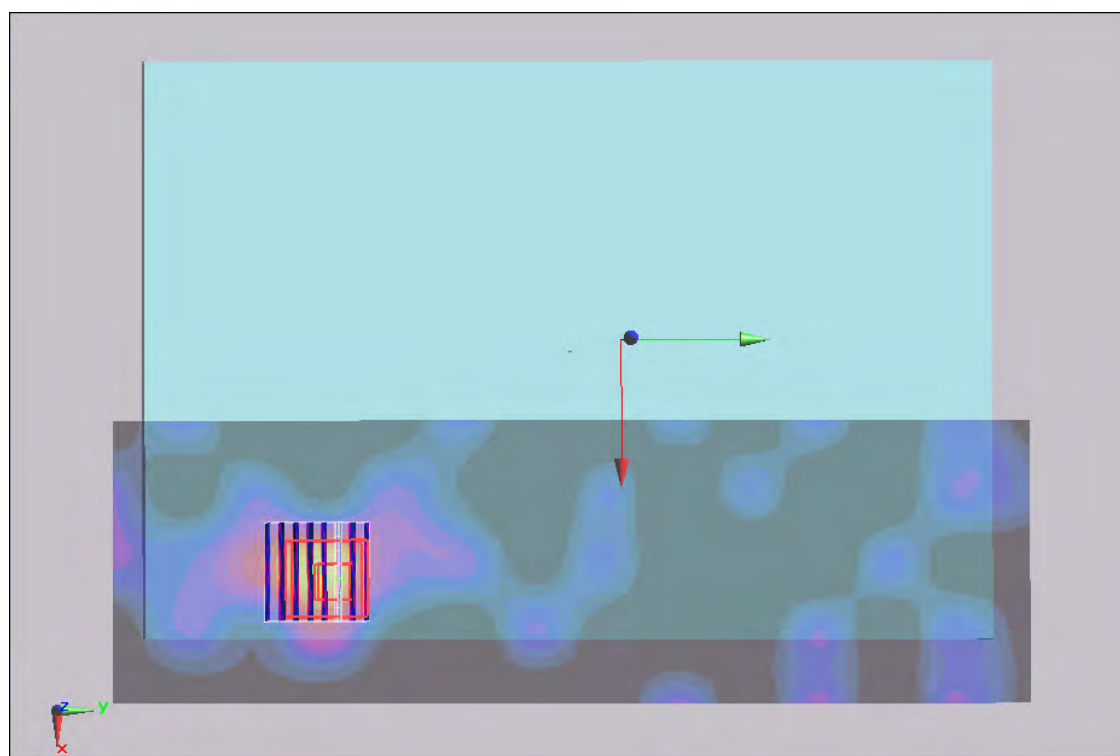
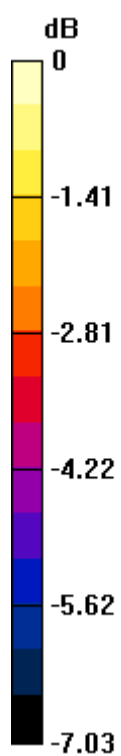
Ch40/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 10.2 V/m ; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 2.36 W/kg

SAR(1 g) = 0.886 mW/g ; SAR(10 g) = 0.525 mW/g

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



0 dB = 1.46mW/g

#204 WLAN5G_802.11a_Edge1_0cm_Ch44_Ant1

DUT: 240709

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120917 Medium parameters used: $f = 5220 \text{ MHz}$; $\sigma = 5.31 \text{ mho/m}$; $\epsilon_r = 48.5$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch44/Area Scan (61x281x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.523 mW/g

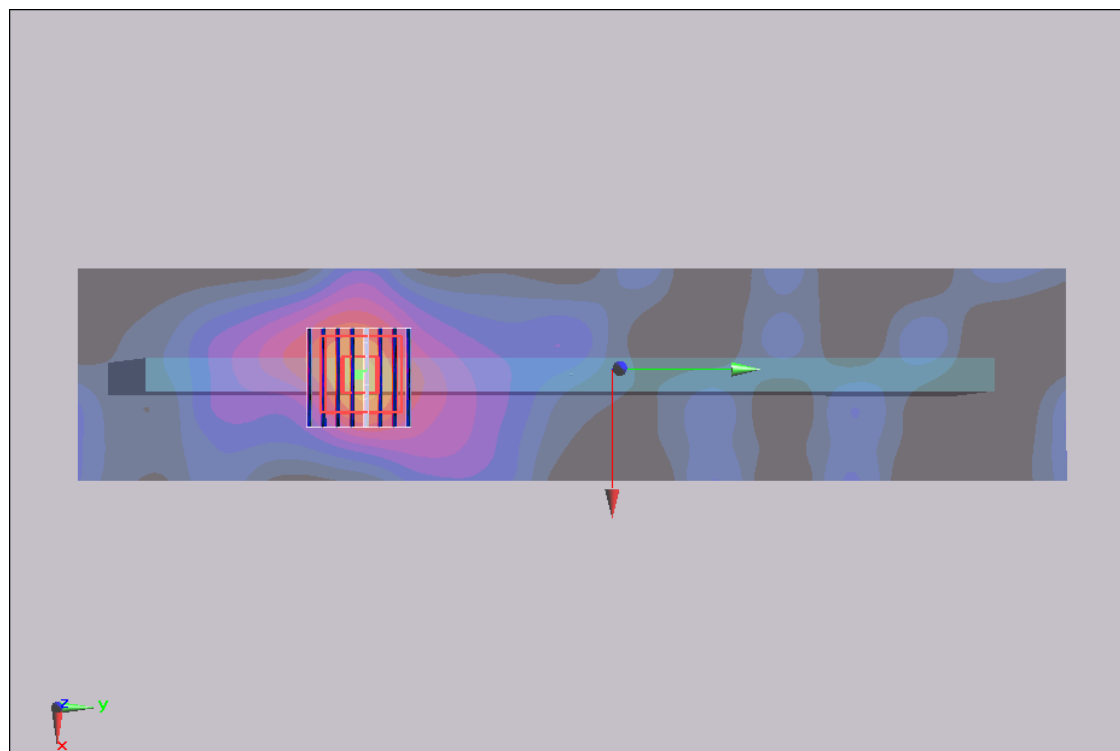
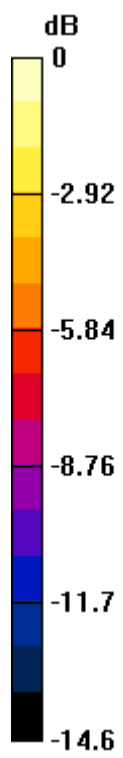
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 5.58 V/m ; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 2.98 W/kg

SAR(1 g) = 0.764 mW/g ; SAR(10 g) = 0.28 mW/g

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



0 dB = 1.45mW/g

#222 WLAN5G_802.11a_Edge1_0cm_Ch40_Ant1

DUT: 240709

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

Medium: MSL_5G_120917 Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.28 \text{ mho/m}$; $\epsilon_r = 48.5$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch40/Area Scan (61x281x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.527 mW/g

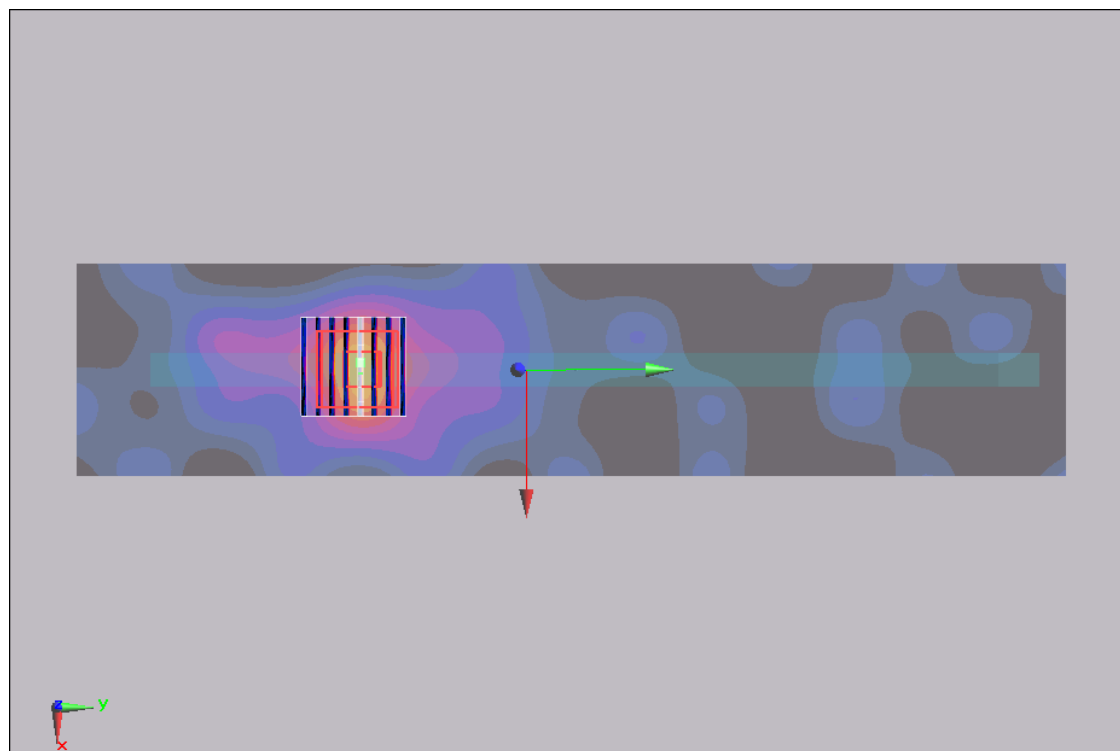
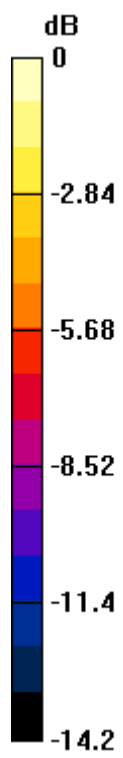
Ch40/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 5.33 V/m ; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 2.69 W/kg

SAR(1 g) = 0.729 mW/g ; SAR(10 g) = 0.263 mW/g

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



0 dB = 1.41mW/g

#255 WLAN5G_802.11a_Edge 4_0cm_Ch44_Ant 1**DUT: 240709**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120725 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.33$ mho/m; $\epsilon_r = 49.157$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch44/Area Scan (61x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.114 mW/g

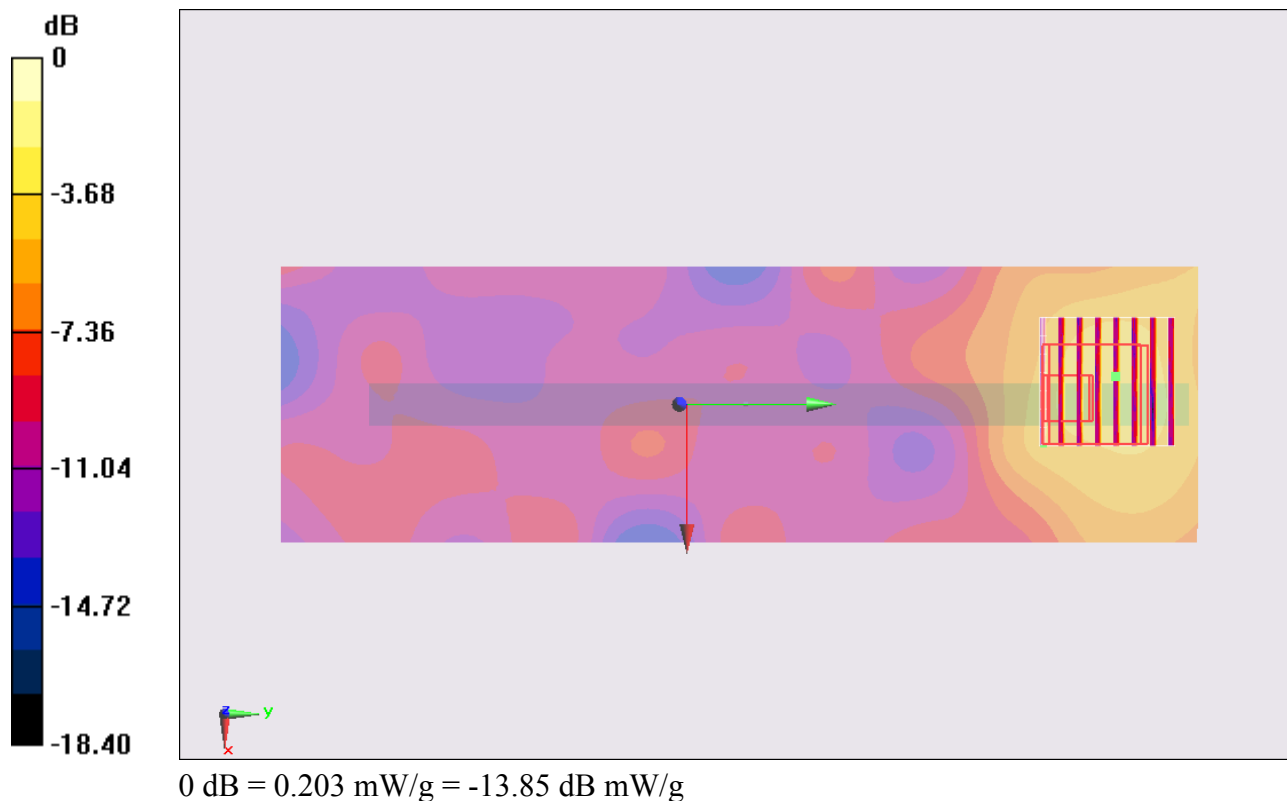
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.719 V/m; Power Drift = 0.161 dB

Peak SAR (extrapolated) = 0.415 mW/g

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.046 mW/g

Maximum value of SAR (measured) = 0.203 mW/g



#271 WLAN5G_802.11a_Edge1 Bottom Face_Tilted_0cm_Ch44_Ant1

DUT: 240709

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120917 Medium parameters used: $f = 5220 \text{ MHz}$; $\sigma = 5.31 \text{ mho/m}$; $\epsilon_r = 48.5$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch44/Area Scan (81x261x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.85 mW/g

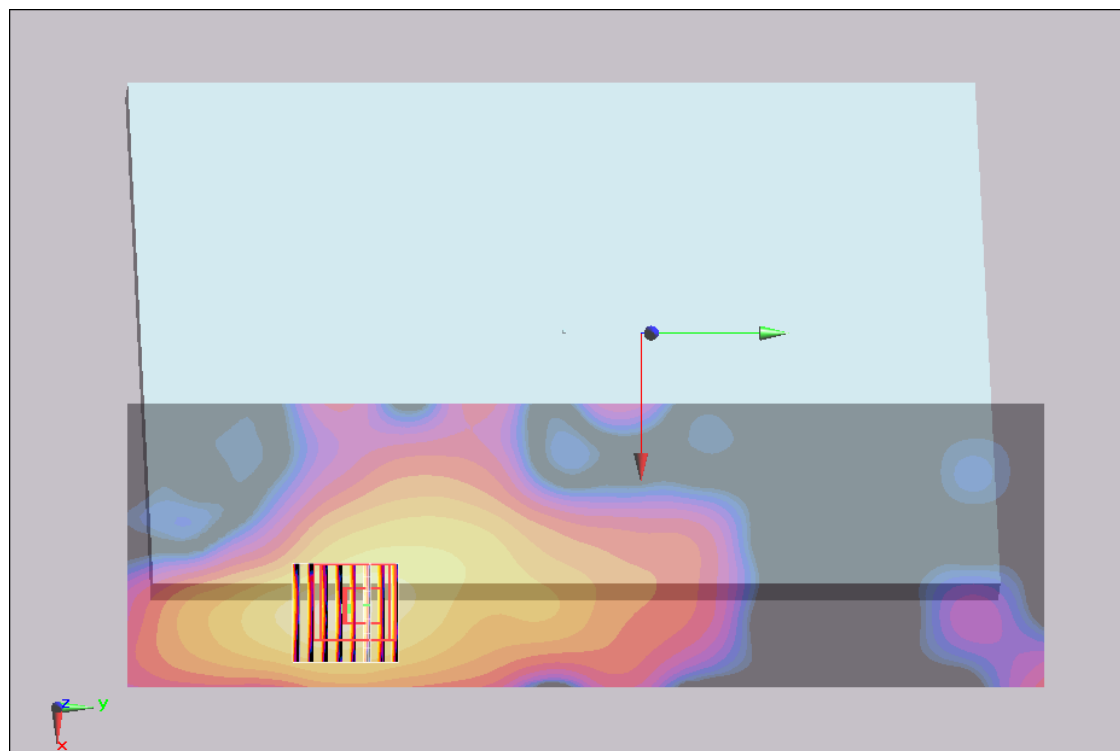
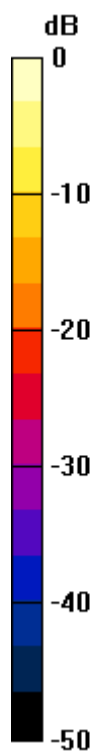
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0.175 V/m ; Power Drift = 0.179 dB

Peak SAR (extrapolated) = 4.86 W/kg

SAR(1 g) = 1.23 mW/g ; SAR(10 g) = 0.345 mW/g

Maximum value of SAR (measured) = 2.78 mW/g



0 dB = 2.78mW/g

#271 WLAN5G_802.11a_Edge1 Bottom Face_Tilted_0cm_Ch44_Ant1_2D**DUT: 240709**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120917 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.31$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch44/Area Scan (81x261x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.85 mW/g

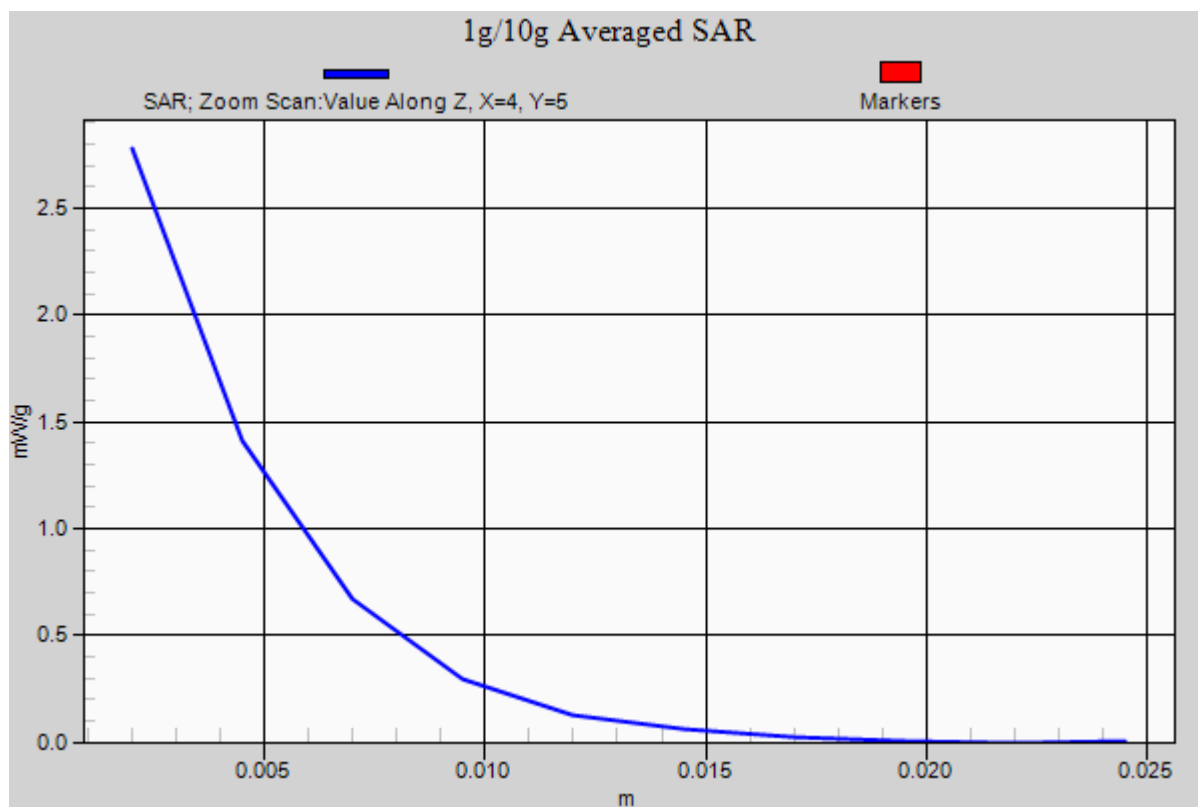
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.175 V/m; Power Drift = 0.179 dB

Peak SAR (extrapolated) = 4.86 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.345 mW/g

Maximum value of SAR (measured) = 2.78 mW/g



#272 WLAN5G_802.11a_Edge1 Bottom Face_Tilted_0cm_Ch40_Ant1

DUT: 240709

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

Medium: MSL_5G_120917 Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.28 \text{ mho/m}$; $\epsilon_r = 48.5$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch40/Area Scan (41x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.72 mW/g

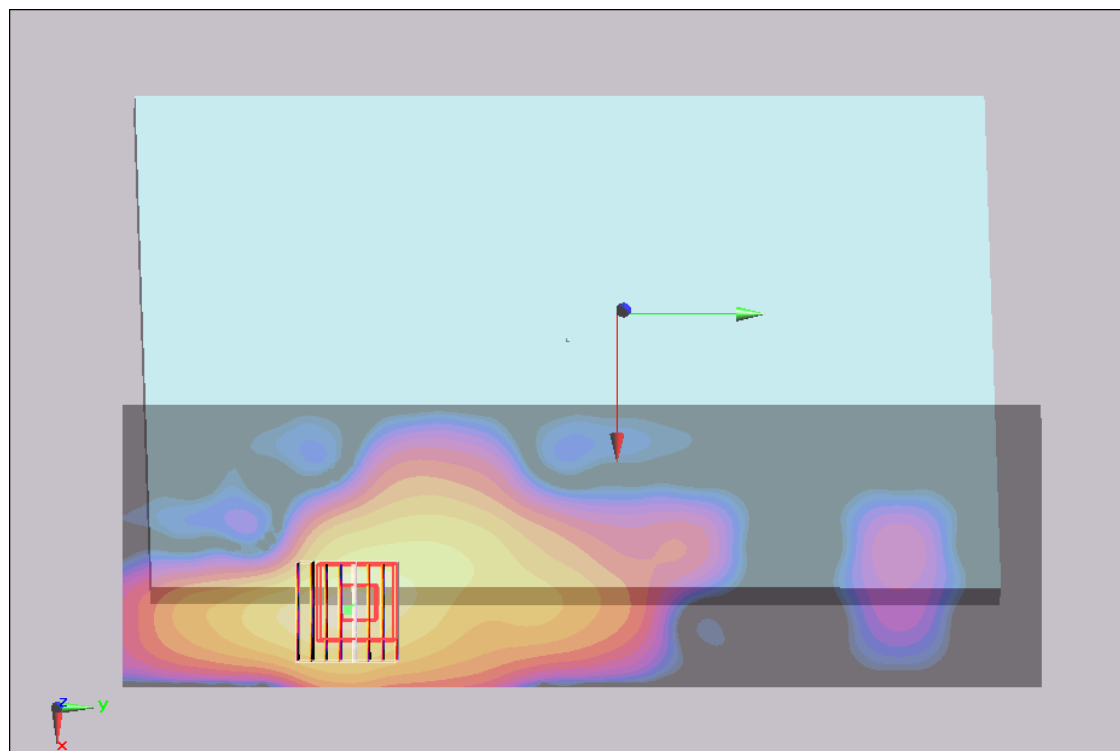
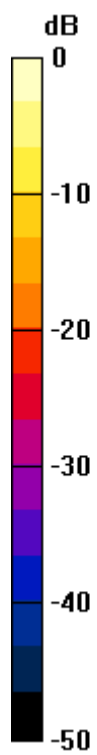
Ch40/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0.532 V/m ; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 4.86 W/kg

SAR(1 g) = 1.24 mW/g ; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 2.67 mW/g



0 dB = 2.67mW/g

#207 WLAN5G_802.11a_Bottom Face_0cm_Ch60_Ant1**DUT: 240709**

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

Medium: MSL_5G_120917 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.439$ mho/m; $\epsilon_r = 48.992$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch60/Area Scan (61x261x1): Measurement grid: dx=10mm, dy=10mm

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

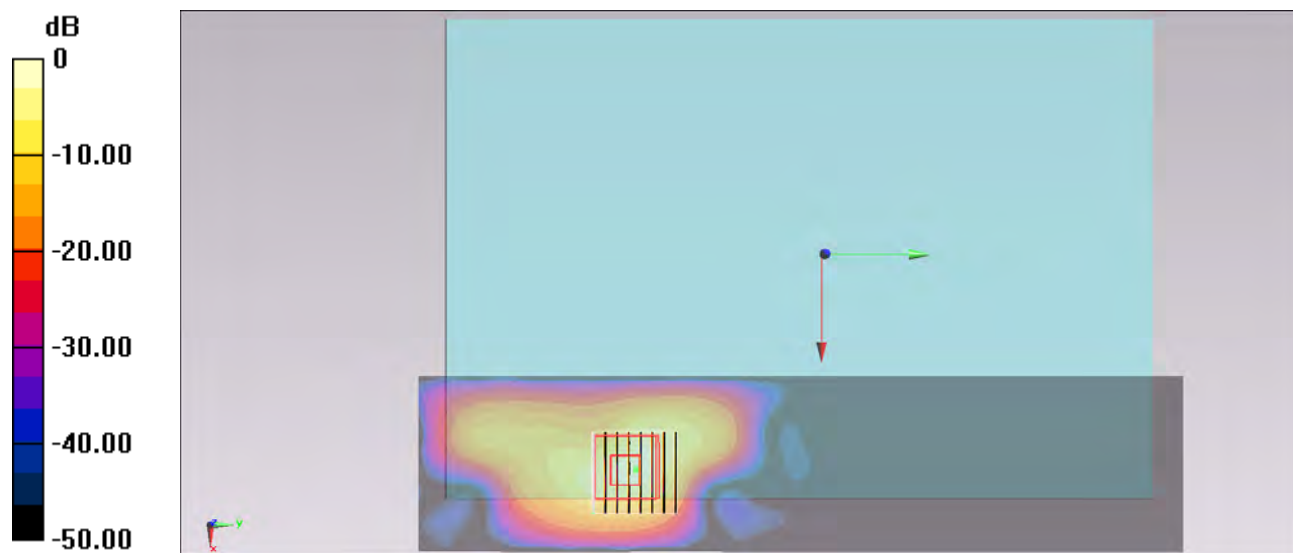
Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 4.071 mW/g

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.296 mW/g

Maximum value of SAR (measured) = 2.17 mW/g



0 dB = 2.17 mW/g = 6.73 dB mW/g

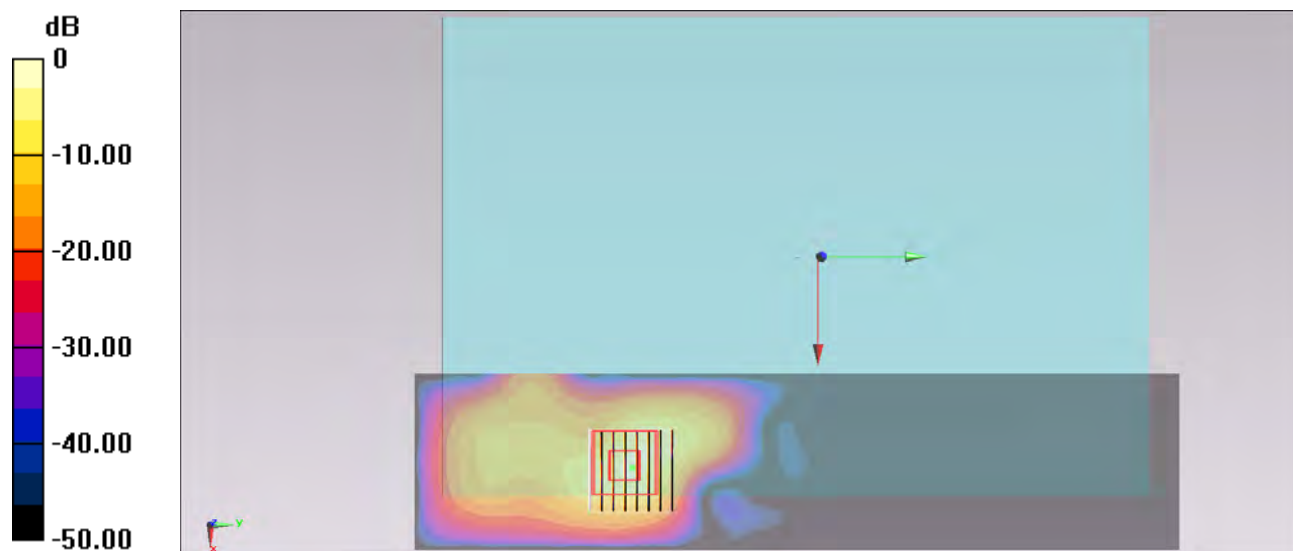
#218 WLAN5G_802.11a_Bottom Face_0cm_Ch56_Ant1**DUT: 240709**

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

Medium: MSL_5G_120917 Medium parameters used : $f = 5280$ MHz; $\sigma = 5.415$ mho/m; $\epsilon_r = 49.041$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch56/Area Scan (61x261x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 1.35 mW/g **Ch56/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 0 V/m ; Power Drift = 0.003 dB Peak SAR (extrapolated) = 4.290 mW/g **SAR(1 g) = 1.1 mW/g ; SAR(10 g) = 0.302 mW/g** Maximum value of SAR (measured) = 2.30 mW/g 

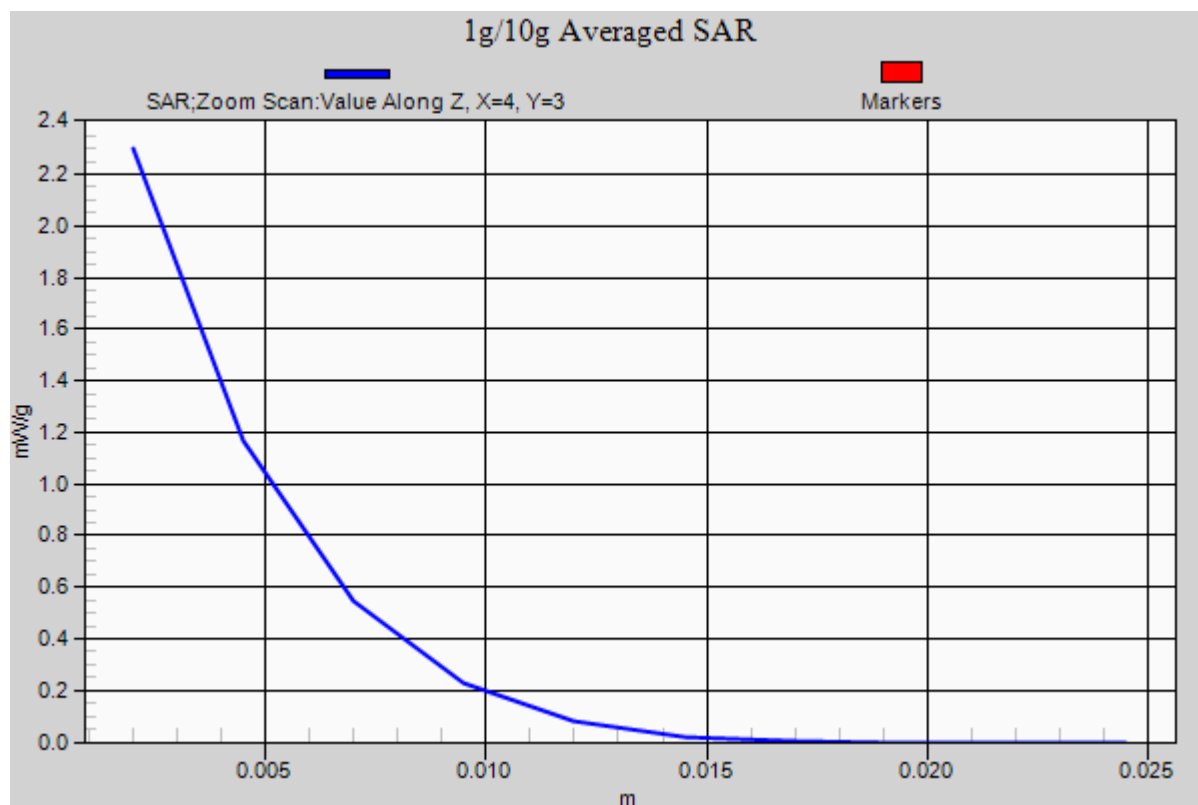
#218 WLAN5G_802.11a_Bottom Face_0cm_Ch56_Ant1_2D**DUT: 240709**

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

Medium: MSL_5G_120917 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.415$ mho/m; $\epsilon_r = 49.041$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch56/Area Scan (61x261x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 1.35 mW/g **Ch56/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 0 V/m ; Power Drift = 0.157 dB Peak SAR (extrapolated) = 4.290 mW/g **SAR(1 g) = 1.1 mW/g ; SAR(10 g) = 0.302 mW/g** Maximum value of SAR (measured) = 2.30 mW/g 

#208 WLAN5G_802.11a_Edge1_0cm_Ch60_Ant1**DUT: 240709**

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

Medium: MSL_5G_120917 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.439$ mho/m; $\epsilon_r = 48.992$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch60/Area Scan (61x261x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.56 mW/g

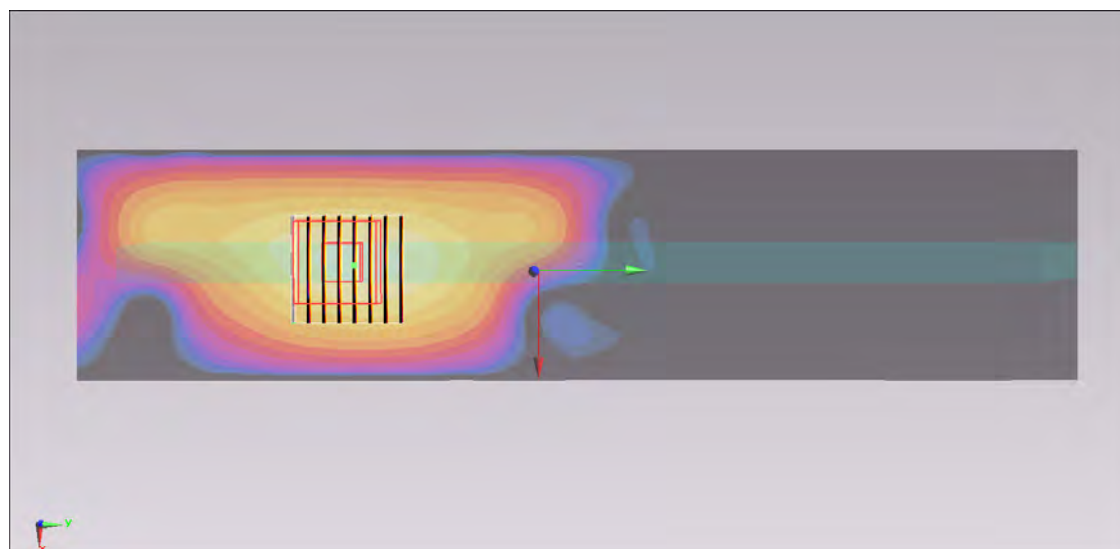
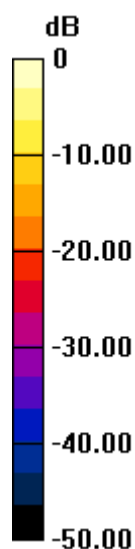
Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.135 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 3.929 mW/g

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.323 mW/g

Maximum value of SAR (measured) = 2.25 mW/g



0 dB = 2.25 mW/g = 7.04 dB mW/g

#223 WLAN5G_802.11a_Edge1_0cm_Ch56_Ant1**DUT: 240709**

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

Medium: MSL_5G_120917 Medium parameters used : $f = 5280$ MHz; $\sigma = 5.415$ mho/m; $\epsilon_r = 49.041$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch56/Area Scan (61x261x1): Measurement grid: dx=10mm, dy=10mm

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

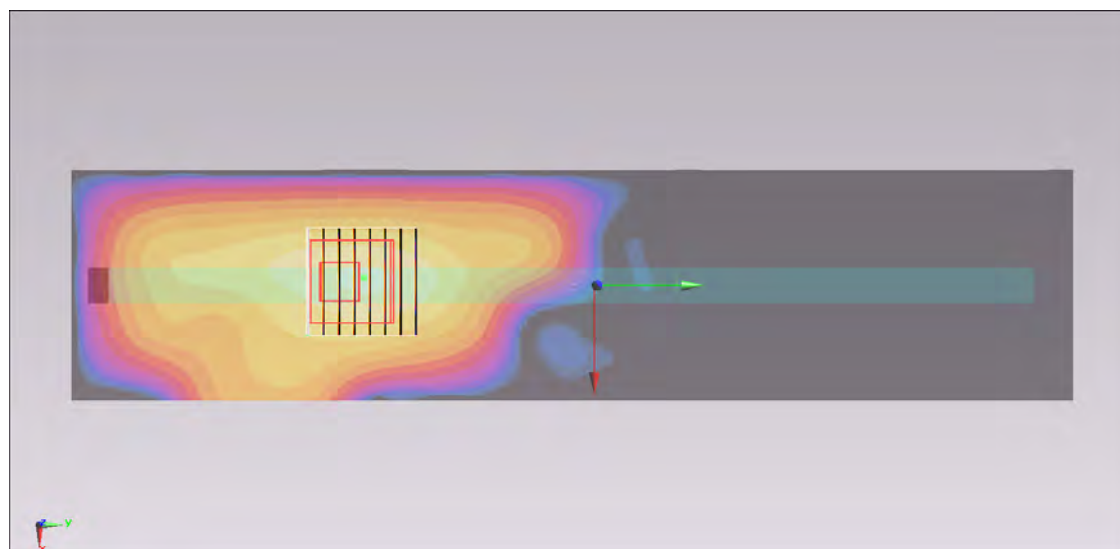
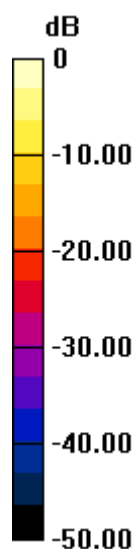
Ch56/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.229 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.857 mW/g

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 2.10 mW/g



0 dB = 2.10 mW/g = 6.44 dB mW/g

#265 WLAN5G_802.11a_Edge 4_0cm_Ch60_Ant 1**DUT: 240709**

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

Medium: MSL_5G_120725 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.439$ mho/m; $\epsilon_r = 48.992$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch60/Area Scan (81x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.165 mW/g

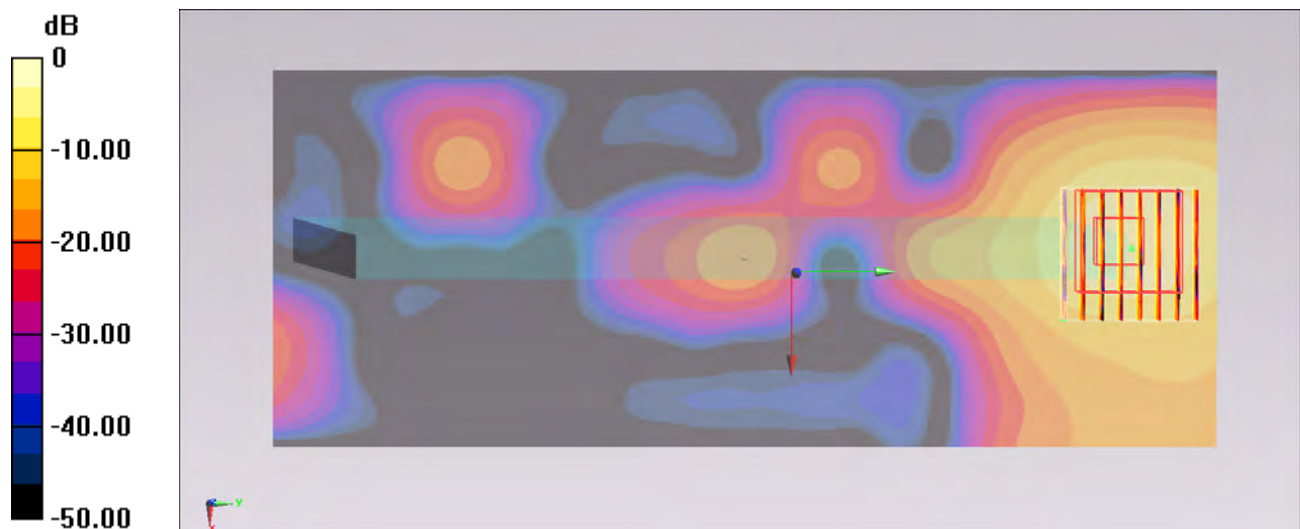
Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.668 mW/g

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.352 mW/g



0 dB = 0.352 mW/g = -9.07 dB mW/g

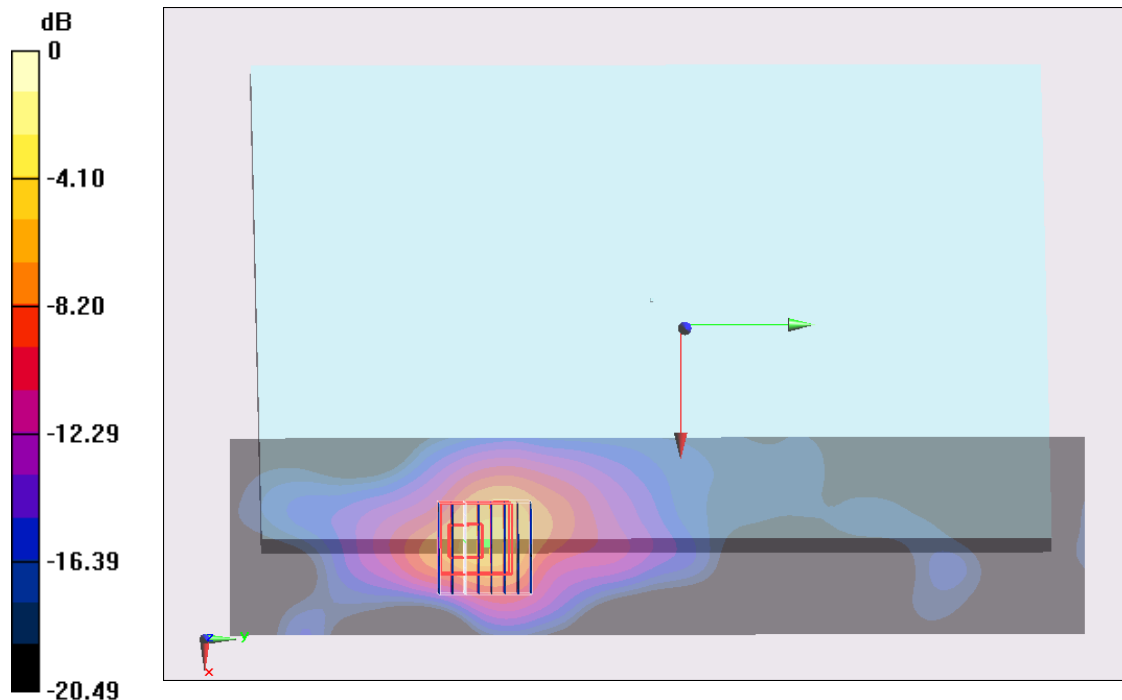
#277 WLAN5G_802.11a_Edge1 Bottom Face_Tilted_0cm_Ch60_Ant1**DUT: 240709**

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

Medium: MSL_5G_120914 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.301$ mho/m; $\epsilon_r = 48.29$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch60/Area Scan (61x261x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 0.991 mW/g **Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 2.453 V/m ; Power Drift = 0.020 dB Peak SAR (extrapolated) = 4.293 mW/g **SAR(1 g) = 1.27 mW/g ; SAR(10 g) = 0.392 mW/g** Maximum value of SAR (measured) = 2.61 mW/g  $0 \text{ dB} = 2.61 \text{ mW/g} = 8.33 \text{ dB mW/g}$

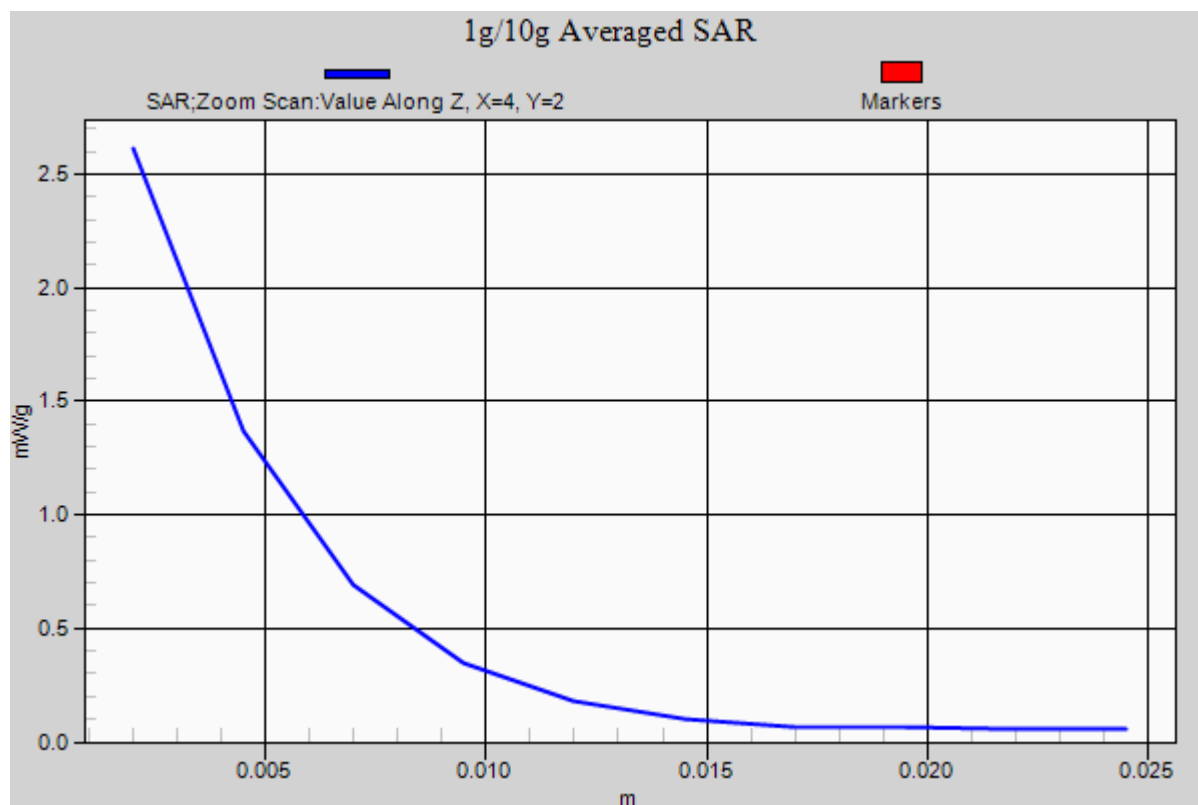
#277 WLAN5G_802.11a_Edge1 Bottom Face_Tilted_0cm_Ch60_Ant1_2D**DUT: 240709**

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

Medium: MSL_5G_120914 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.301$ mho/m; $\epsilon_r = 48.29$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch60/Area Scan (31x131x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.991 mW/g **Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 2.453 V/m ; Power Drift = 0.020 dB Peak SAR (extrapolated) = 4.293 mW/g **SAR(1 g) = 1.27 mW/g ; SAR(10 g) = 0.392 mW/g** Maximum value of SAR (measured) = 2.61 mW/g 

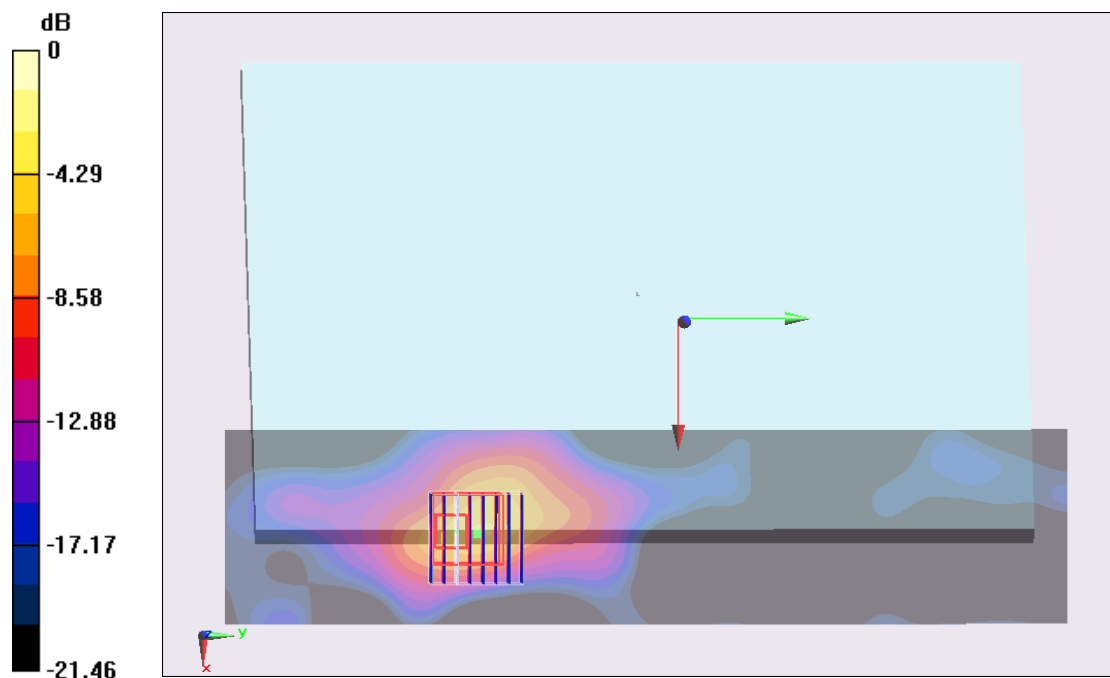
#283 WLAN5G_802.11a_Edge1 Bottom Face_Tilted_0cm_Ch56_Ant1**DUT: 240709**

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

Medium: MSL_5G_120914 Medium parameters used : $f = 5280$ MHz; $\sigma = 5.275$ mho/m; $\epsilon_r = 48.335$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch56/Area Scan (61x261x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 0.954 mW/g **Ch56/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 2.836 V/m ; Power Drift = 0.058 dB Peak SAR (extrapolated) = 4.200 mW/g **SAR(1 g) = 1.23 mW/g ; SAR(10 g) = 0.367 mW/g** Maximum value of SAR (measured) = 2.44 mW/g  $0 \text{ dB} = 2.44 \text{ mW/g} = 7.75 \text{ dB mW/g}$

#209 WLAN5G_802.11a_Bottom Face_0cm_Ch116_Ant 1**DUT: 240709**

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

Medium: MSL_5G_120725 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.842$ mho/m; $\epsilon_r = 48.345$; $\rho = 1000$ 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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch116/Area Scan (181x121x1): Measurement grid: dx=10mm, dy=10mm

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

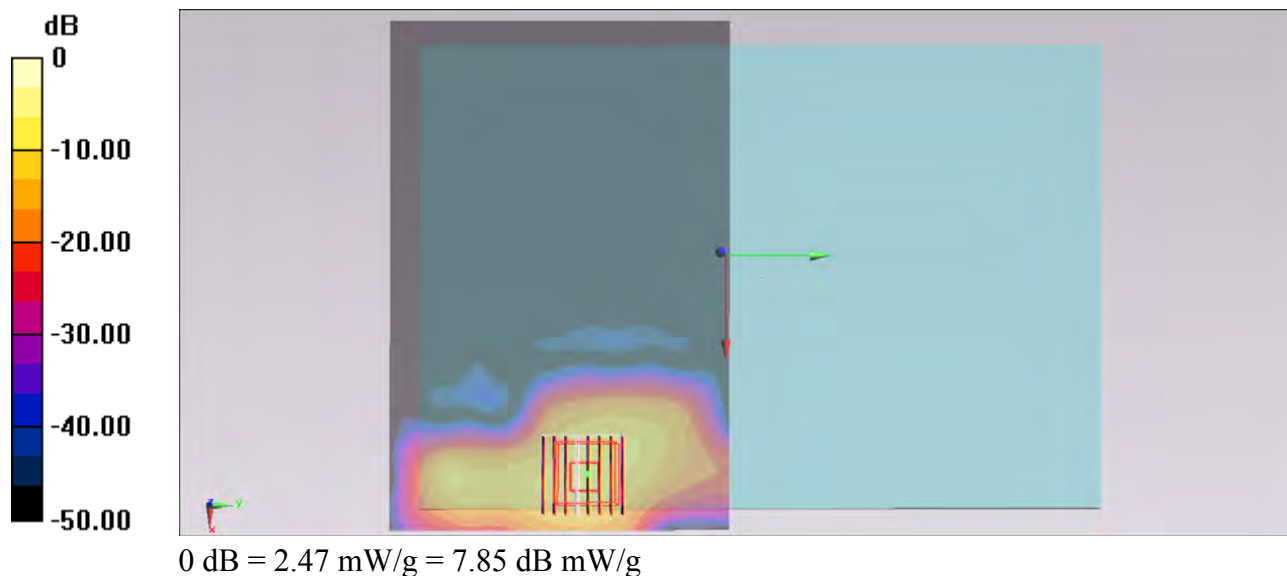
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.960 mW/g

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.363 mW/g

Maximum value of SAR (measured) = 2.47 mW/g



#209 WLAN5G_802.11a_Bottom Face_0cm_Ch116_Ant 1_2D**DUT: 240709**

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

Medium: MSL_5G_120725 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.842$ mho/m; $\epsilon_r =$ 48.345; $\rho = 1000$ 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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch116/Area Scan (181x121x1): Measurement grid: dx=10mm, dy=10mm

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

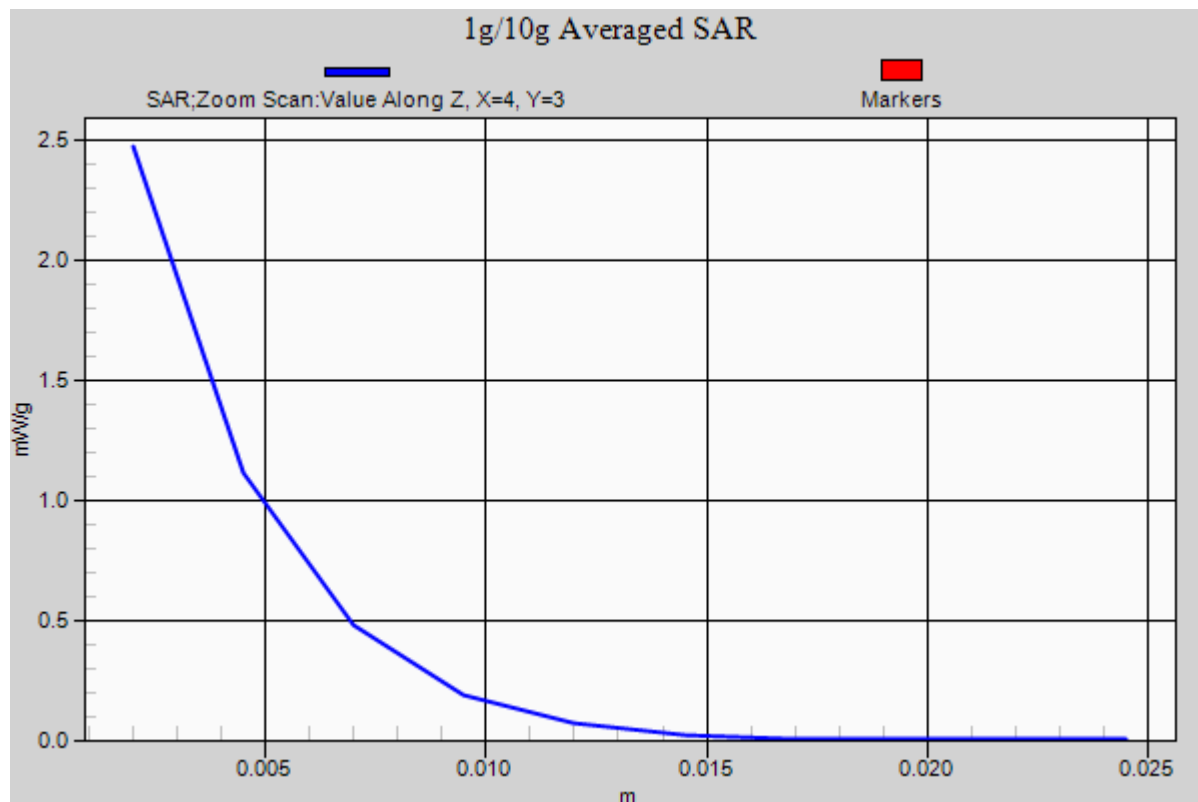
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.960 mW/g

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.363 mW/g

Maximum value of SAR (measured) = 2.47 mW/g



#219 WLAN5G_802.11a_Bottom Face_0cm_Ch104_Ant 1**DUT: 240709**

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

Medium: MSL_5G_120725 Medium parameters used: $f = 5520$ MHz; $\sigma = 5.762$ mho/m; $\epsilon_r = 48.52$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch104/Area Scan (181x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.50 mW/g

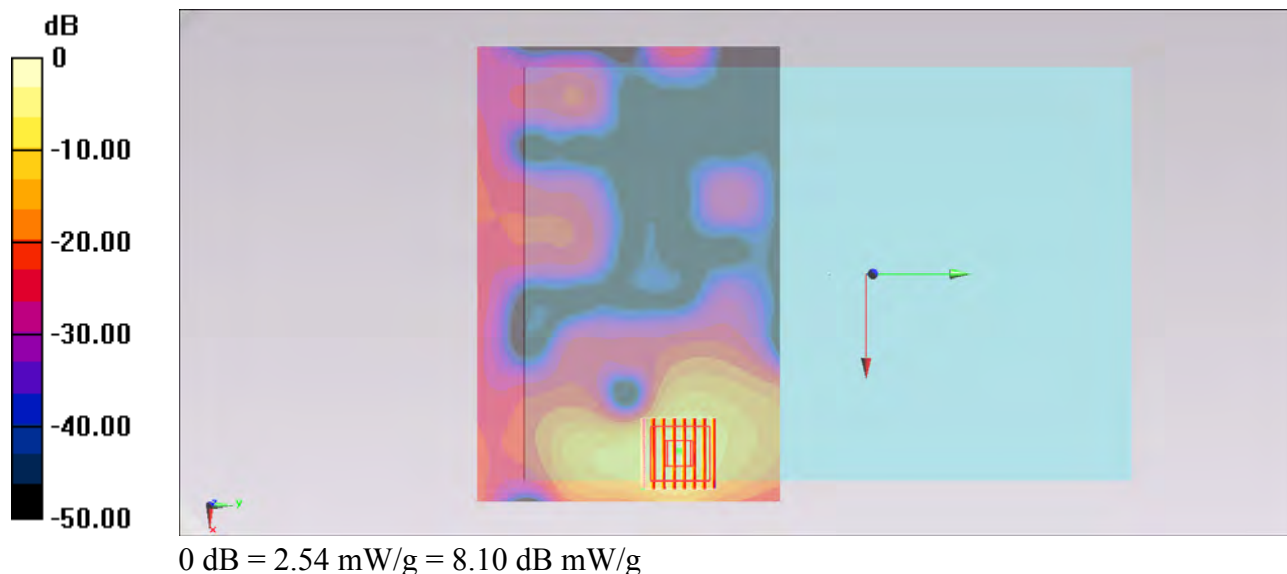
Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 5.102 mW/g

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.340 mW/g

Maximum value of SAR (measured) = 2.54 mW/g



#220 WLAN5G_802.11a_Bottom Face_0cm_Ch132_Ant 1**DUT: 240709**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120725 Medium parameters used : $f = 5660$ MHz; $\sigma = 5.96$ mho/m; $\epsilon_r = 48.157$; $\rho = 1000$ 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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch132/Area Scan (181x121x1): Measurement grid: dx=10mm, dy=10mm

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

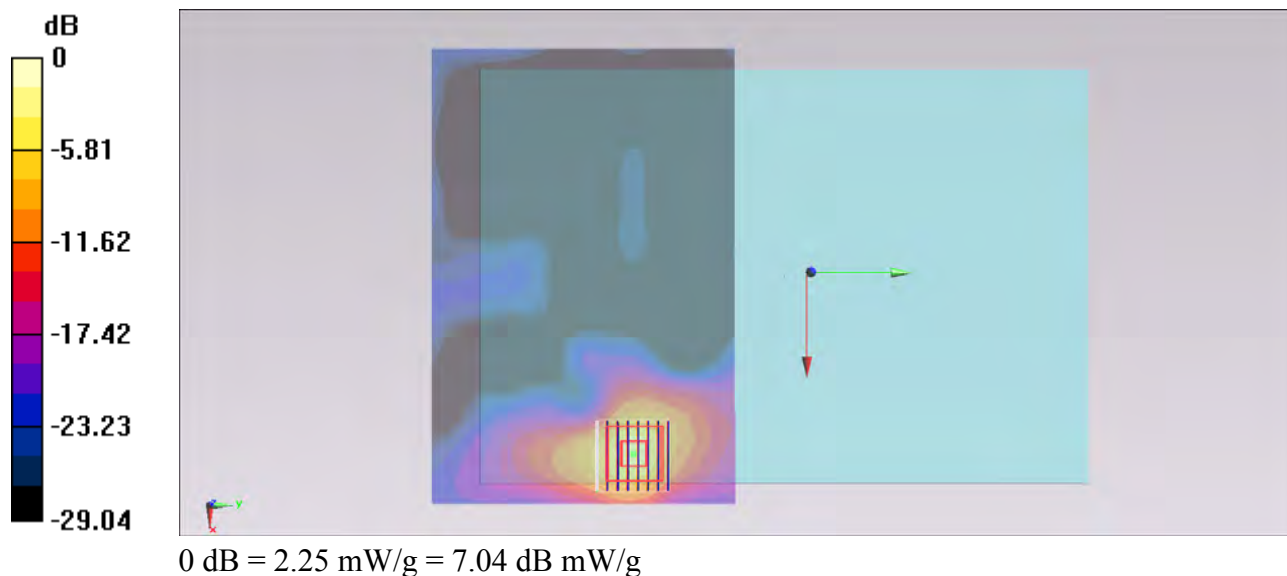
Ch132/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.450 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 4.646 mW/g

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.355 mW/g

Maximum value of SAR (measured) = 2.25 mW/g



#210 WLAN5G_802.11a_Edge 1_0cm_Ch116_Ant 1**DUT: 240709**

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

Medium: MSL_5G_120725 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.842$ mho/m; $\epsilon_r = 48.345$; $\rho = 1000$ 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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch116/Area Scan (61x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.663 mW/g

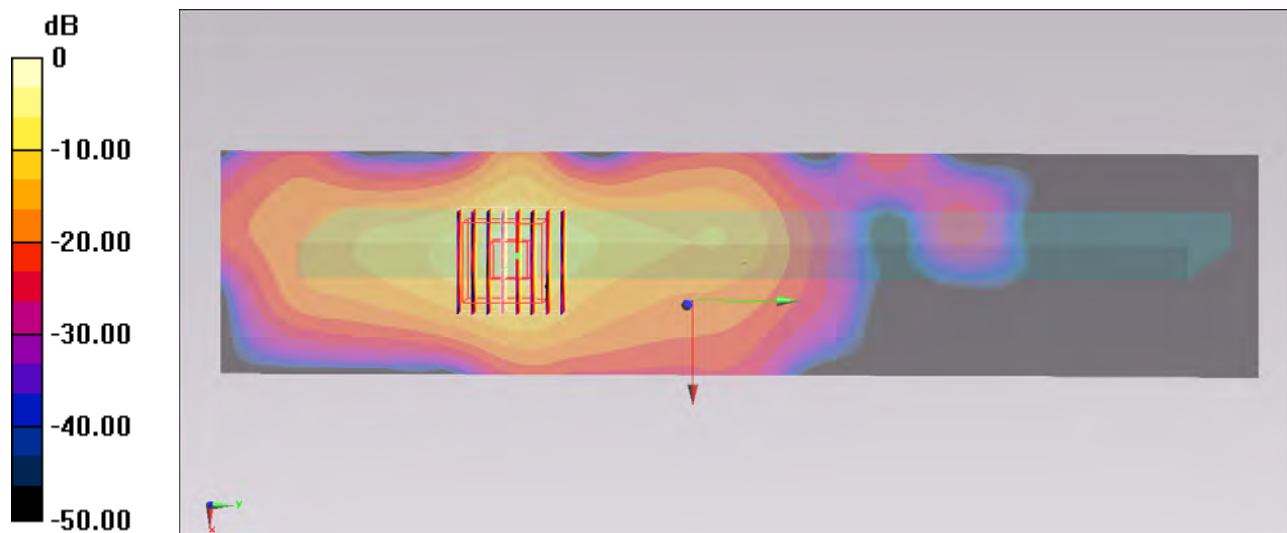
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.086 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 4.003 mW/g

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.314 mW/g

Maximum value of SAR (measured) = 2.04 mW/g



0 dB = 2.04 mW/g = 6.19 dB mW/g

#224 WLAN5G_802.11a_Edge 1_0cm_Ch104_Ant 1**DUT: 240709**

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

Medium: MSL_5G_120725 Medium parameters used: $f = 5520$ MHz; $\sigma = 5.762$ mho/m; $\epsilon_r = 48.52$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch104/Area Scan (61x261x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.414 mW/g

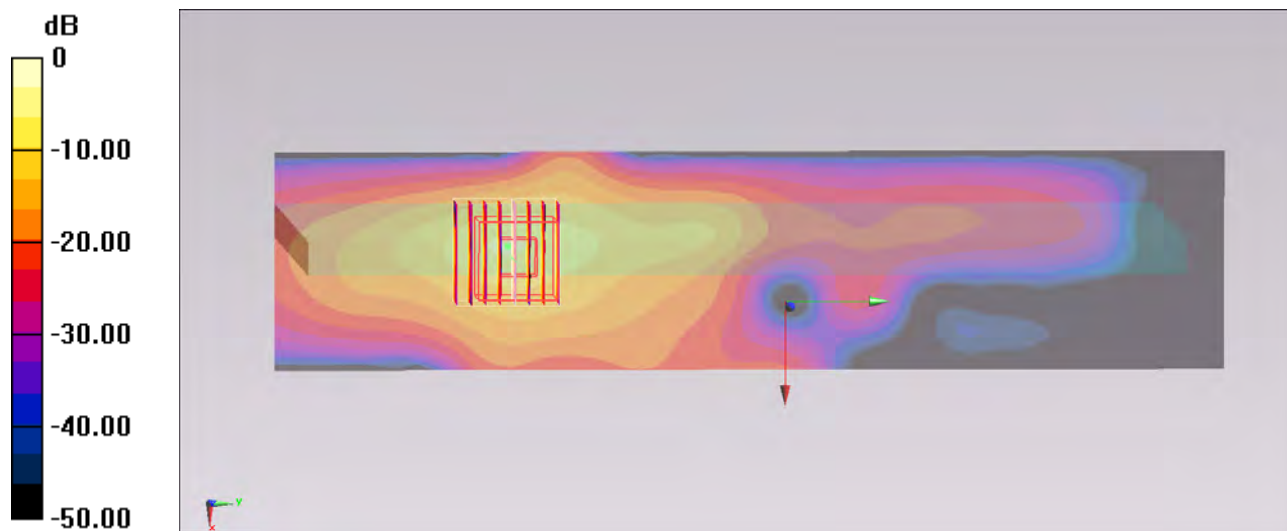
Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.163 V/m; Power Drift = 0.128 dB

Peak SAR (extrapolated) = 3.174 mW/g

SAR(1 g) = 0.831 mW/g; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 1.75 mW/g



#225 WLAN5G_802.11a_Edge 1_0cm_Ch132_Ant 1**DUT: 240709**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120725 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.96$ mho/m; $\epsilon_r = 48.157$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch132/Area Scan (61x261x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.495 mW/g

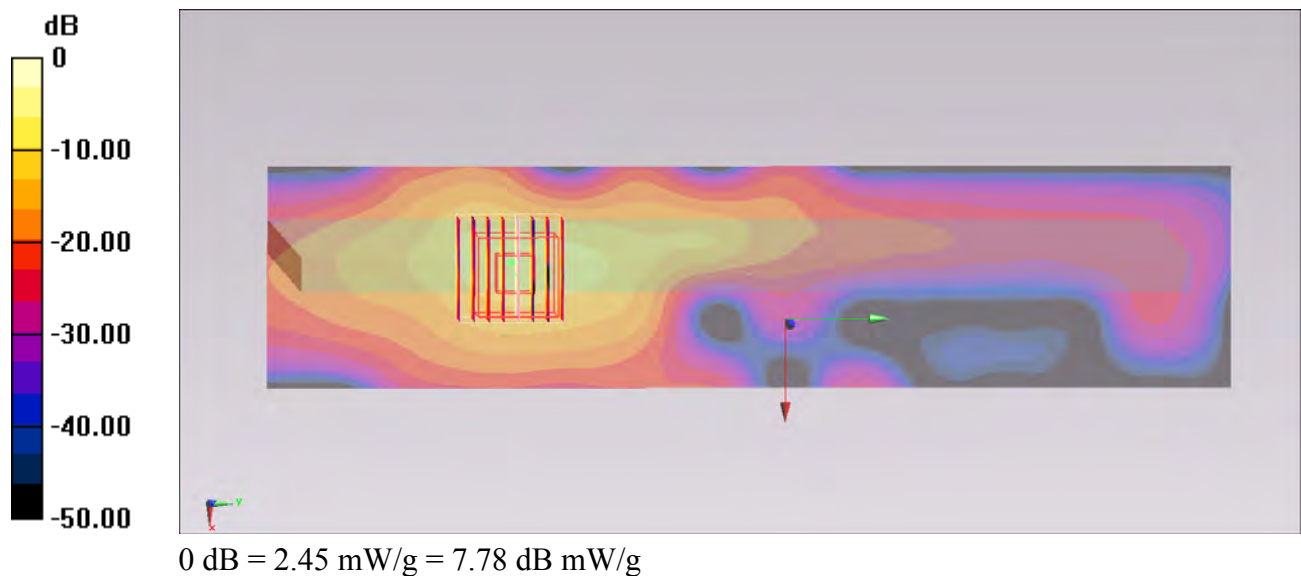
Ch132/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.330 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 4.519 mW/g

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.338 mW/g

Maximum value of SAR (measured) = 2.45 mW/g



#266 WLAN5G_802.11a_Edge 4_0cm_Ch116_Ant 1**DUT: 240709**

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

Medium: MSL_5G_120725 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.842$ mho/m; $\epsilon_r = 48.345$; $\rho = 1000$ 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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch116/Area Scan (81x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.182 mW/g

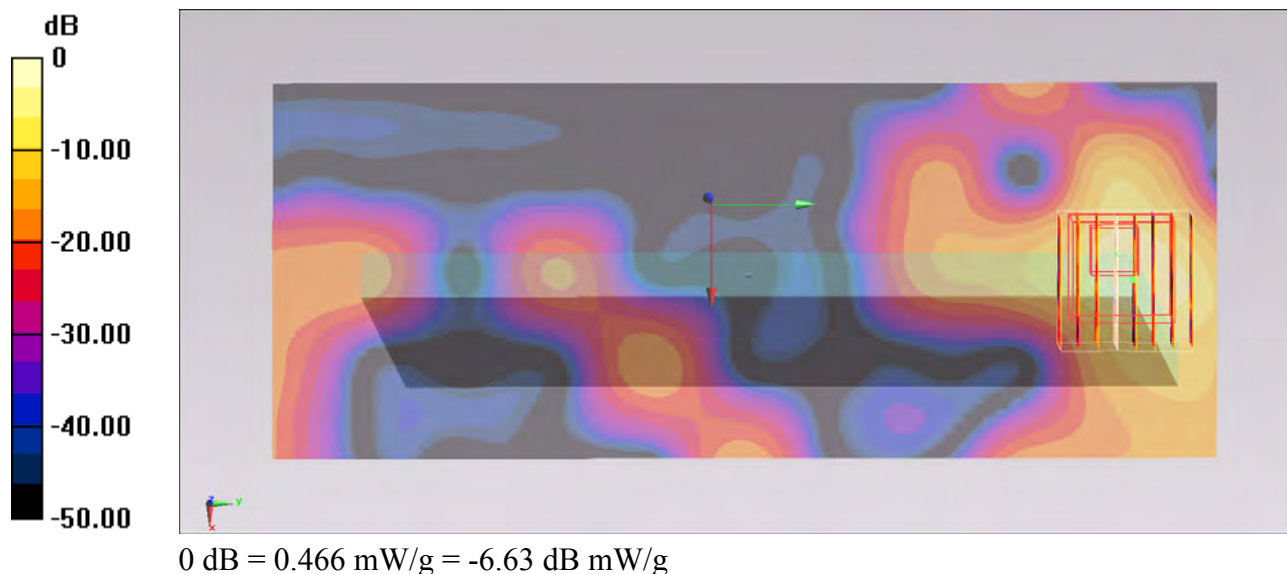
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.164 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 1.006 mW/g

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.055 mW/g

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



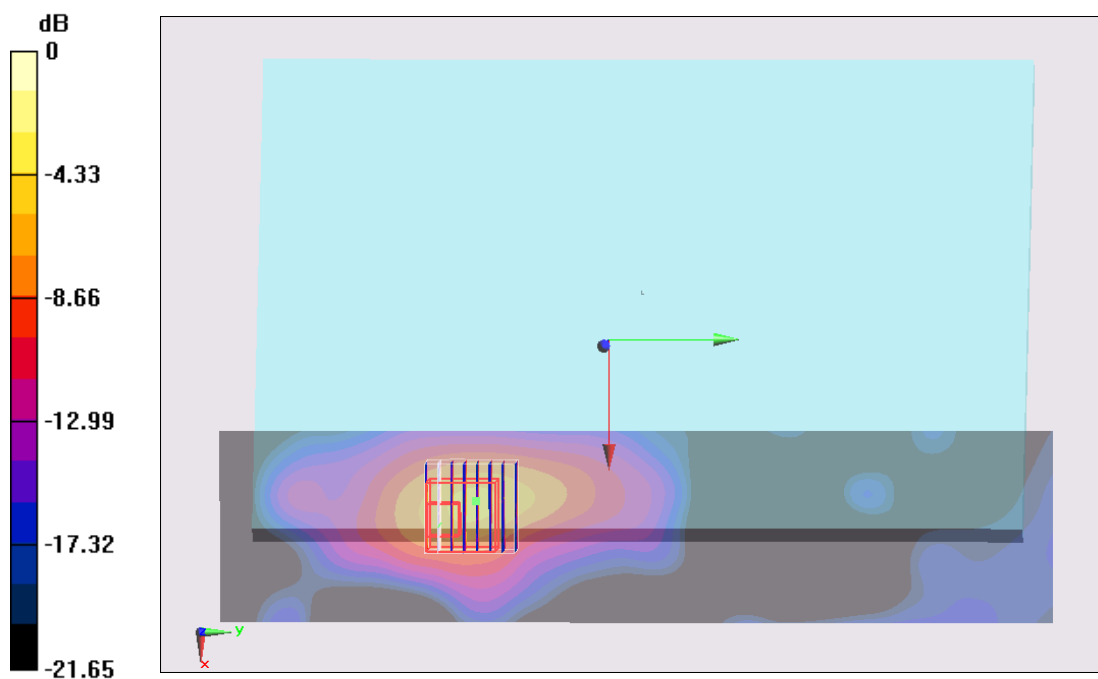
#278 WLAN5G_802.11a_Edge1 Bottom Face_Tilted_0cm_Ch116_Ant1**DUT: 240709**

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

Medium: MSL_5G_120914 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.688$ mho/m; $\epsilon_r = 47.693$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch116/Area Scan (61x261x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 0.715 mW/g **Ch116/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 2.799 V/m ; Power Drift = 0.001 dB Peak SAR (extrapolated) = 4.421 mW/g **SAR(1 g) = 1.18 mW/g ; SAR(10 g) = 0.325 mW/g** Maximum value of SAR (measured) = 2.37 mW/g  $0 \text{ dB} = 2.37 \text{ mW/g} = 7.49 \text{ dB mW/g}$

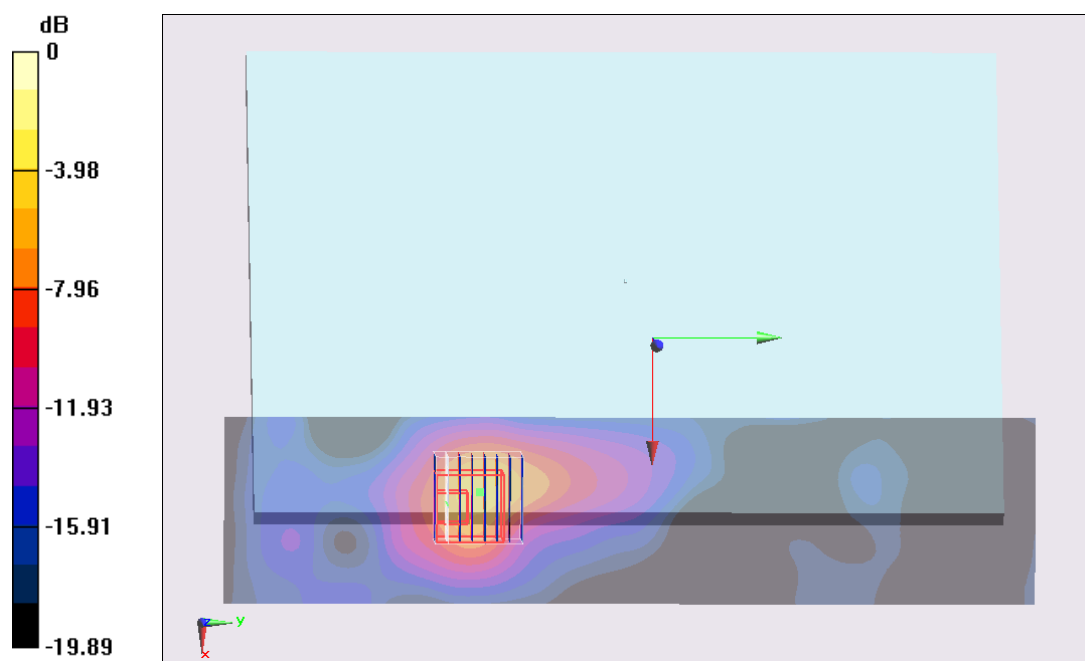
#284 WLAN5G_802.11a_Edge1 Bottom Face_Tilted_0cm_Ch104_Ant1**DUT: 240709**

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

Medium: MSL_5G_120914 Medium parameters used : $f = 5520$ MHz; $\sigma = 5.611$ mho/m; $\epsilon_r = 47.864$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch104/Area Scan (61x261x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 0.825 mW/g **Ch104/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 2.191 V/m ; Power Drift = 0.022 dB Peak SAR (extrapolated) = 4.066 mW/g **SAR(1 g) = 1.12 mW/g ; SAR(10 g) = 0.323 mW/g** Maximum value of SAR (measured) = 2.21 mW/g 

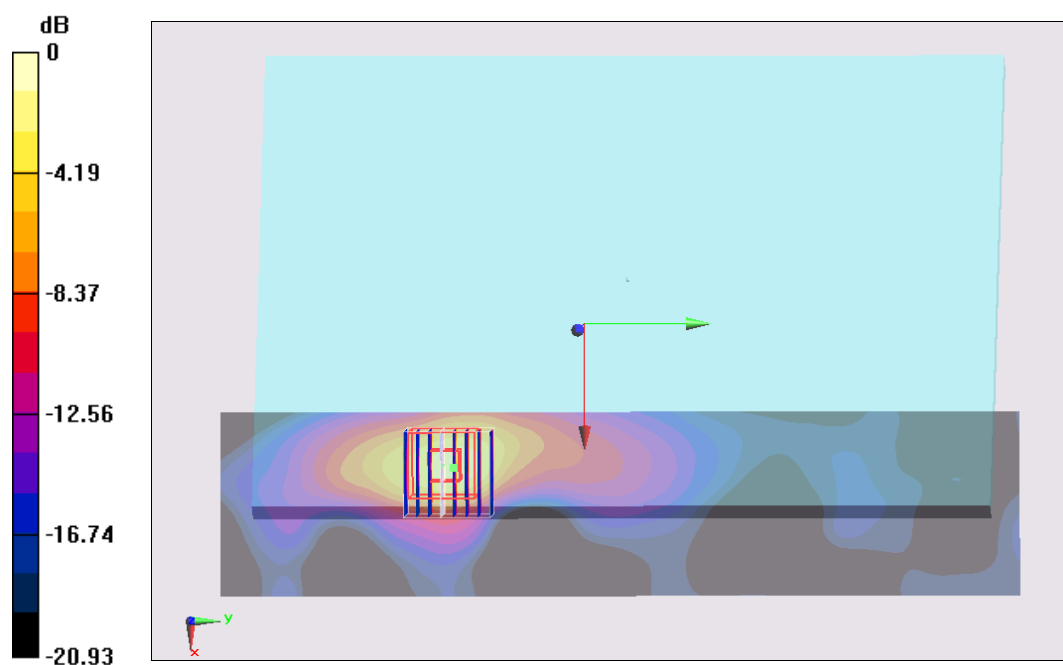
#285 WLAN5G_802.11a_Edge1 Bottom Face_Tilted_0cm_Ch132_Ant1**DUT: 240709**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120914 Medium parameters used : $f = 5660$ MHz; $\sigma = 5.806$ mho/m; $\epsilon_r = 47.517$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch132/Area Scan (61x261x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 1.73 mW/g **Ch132/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 3.170 V/m ; Power Drift = -0.087 dB Peak SAR (extrapolated) = 4.406 mW/g **SAR(1 g) = 1.21 mW/g ; SAR(10 g) = 0.381 mW/g** Maximum value of SAR (measured) = 2.47 mW/g 

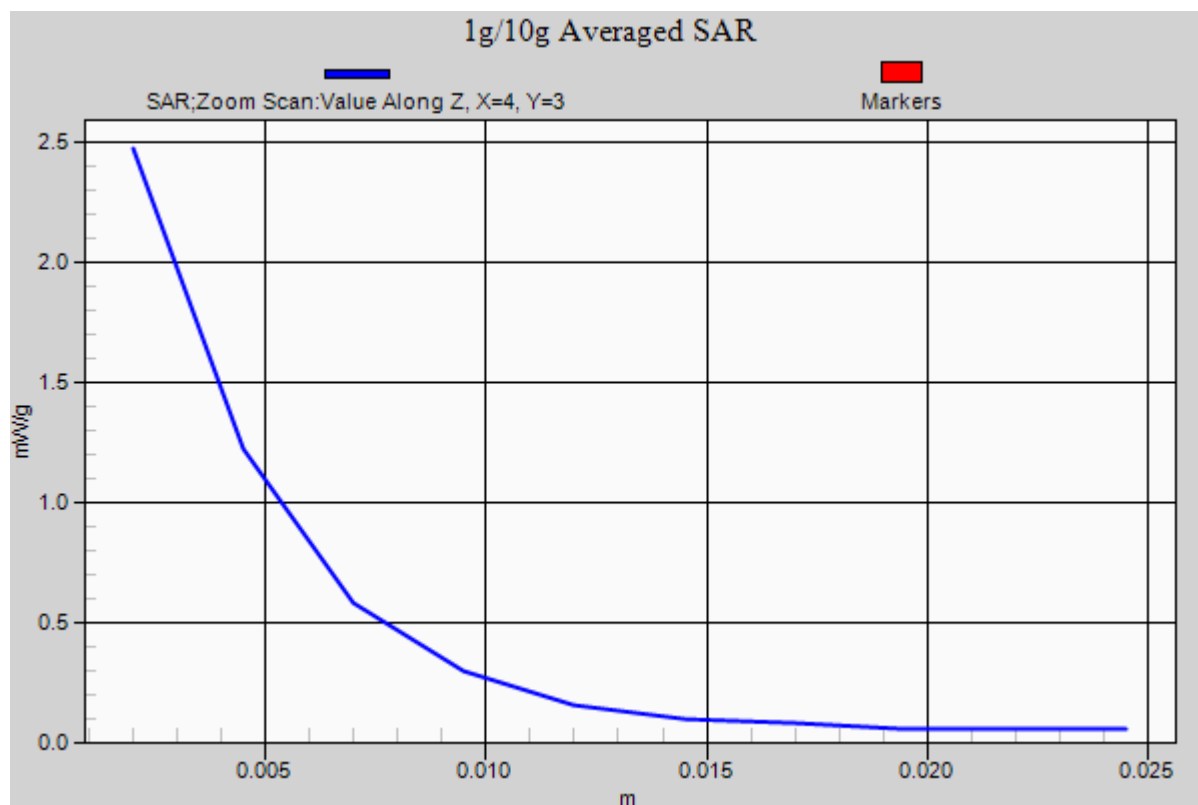
#285 WLAN5G_802.11a_Edge1 Bottom Face_Tilted_0cm_Ch132_Ant1_2D**DUT: 240709**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120914 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.806$ mho/m; $\epsilon_r = 47.517$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch132/Area Scan (61x261x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 1.73 mW/g **Ch132/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 3.170 V/m ; Power Drift = -0.087 dB Peak SAR (extrapolated) = 4.406 mW/g **SAR(1 g) = 1.21 mW/g ; SAR(10 g) = 0.381 mW/g** Maximum value of SAR (measured) = 2.47 mW/g 

#201 WLAN5G_802.11a_Bottom Face_0cm_Ch157_Ant 1**DUT: 240709**

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

Medium: MSL_5G_120725 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.11$ mho/m; $\epsilon_r = 47.844$; $\rho = 1000$ 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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch157/Area Scan (181x261x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.524 mW/g

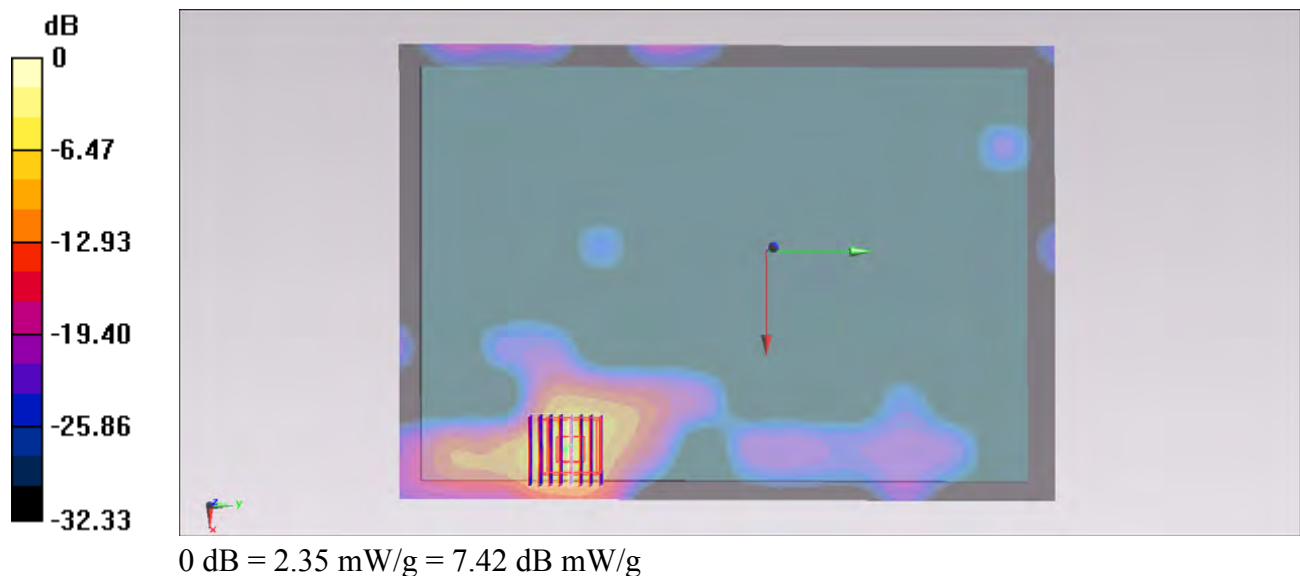
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.198 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.405 mW/g

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.394 mW/g

Maximum value of SAR (measured) = 2.35 mW/g



#221 WLAN5G_802.11a_Bottom Face_0cm_Ch153_Ant 1**DUT: 240709**

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120725 Medium parameters used: $f = 5765$ MHz; $\sigma = 6.087$ mho/m; $\epsilon_r = 47.925$; $\rho = 1000$ 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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch153/Area Scan (181x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.81 mW/g

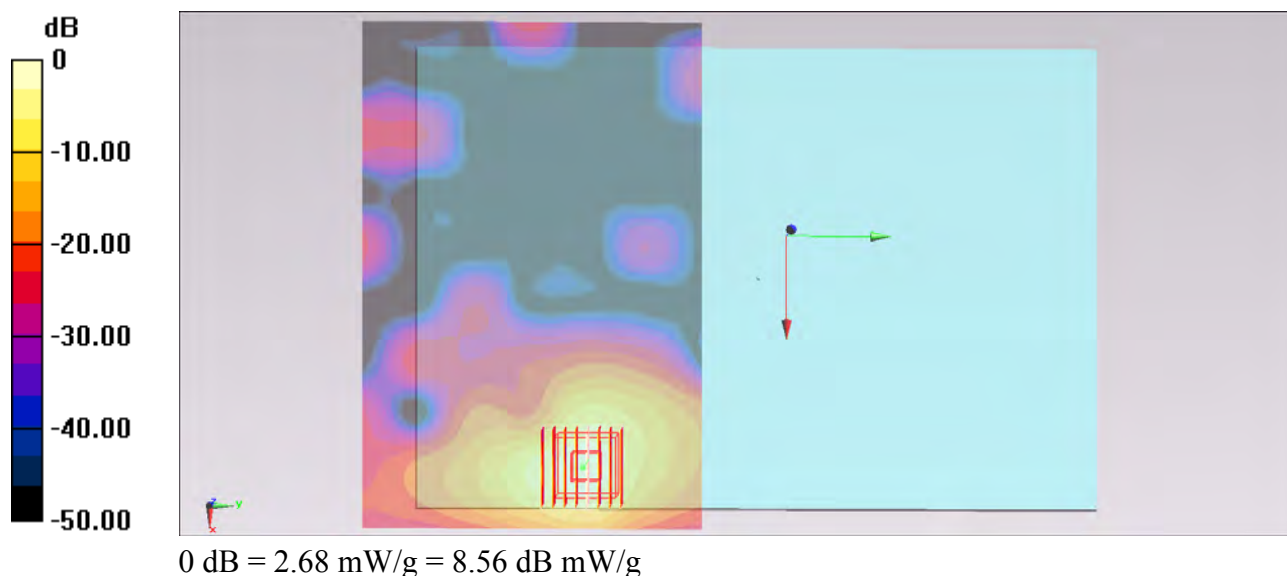
Ch153/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.599 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 5.200 mW/g

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.372 mW/g

Maximum value of SAR (measured) = 2.68 mW/g



#221 WLAN5G_802.11a_Bottom Face_0cm_Ch153_Ant 1_2D**DUT: 240709**

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120725 Medium parameters used: $f = 5765$ MHz; $\sigma = 6.087$ mho/m; $\epsilon_r = 47.925$; $\rho = 1000$ 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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch153/Area Scan (181x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.81 mW/g

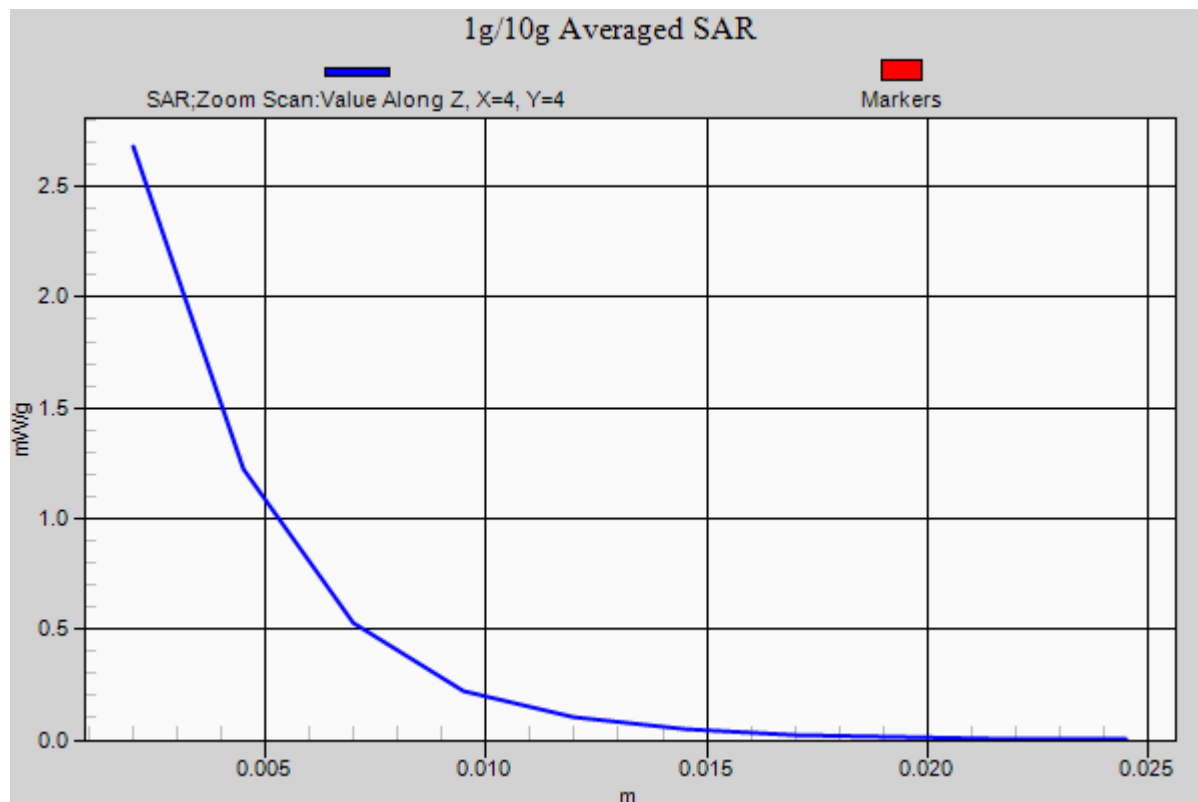
Ch153/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.599 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 5.200 mW/g

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.372 mW/g

Maximum value of SAR (measured) = 2.68 mW/g



#254 WLAN5G_802.11a_Bottom Face_0cm_Ch161_Ant 1**DUT: 240709**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120725 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.134$ mho/m; $\epsilon_r = 47.763$; $\rho = 1000$ 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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch161/Area Scan (181x121x1): Measurement grid: dx=10mm, dy=10mm

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

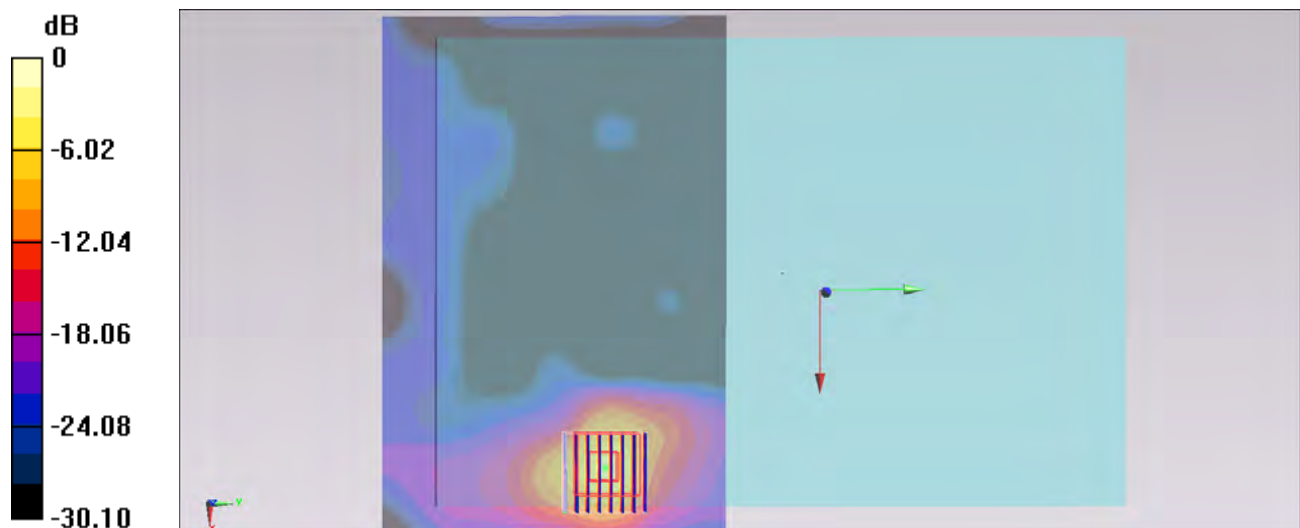
Configuration/Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 5.680 mW/g

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.344 mW/g

Maximum value of SAR (measured) = 2.98 mW/g



0 dB = 2.98 mW/g = 9.48 dB mW/g

#202 WLAN5G_802.11a_Edge 1_0cm_Ch157_Ant 1**DUT: 240709**

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

Medium: MSL_5G_120725 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.11$ mho/m; $\epsilon_r = 47.844$; $\rho = 1000$ 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: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch157/Area Scan (61x261x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.314 mW/g

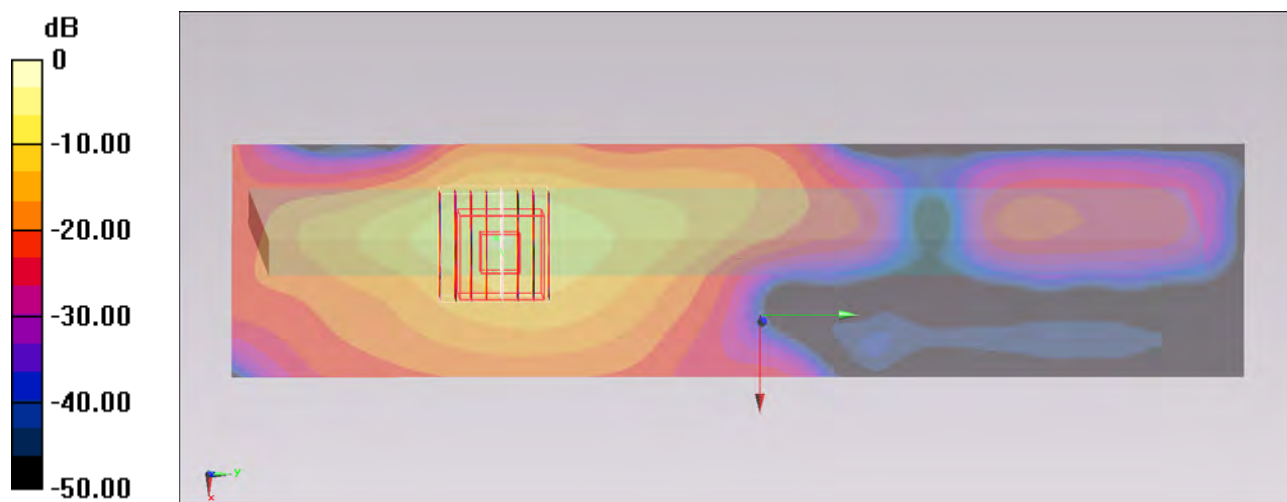
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.349 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.563 mW/g

SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.197 mW/g

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



#256 WLAN5G_802.11a_Edge 4_0cm_Ch157_Ant 1

DUT: 240709

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

Medium: MSL_5G_120725 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.11 \text{ mho/m}$; $\epsilon_r = 47.844$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch157/Area Scan (61x201x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.0610 mW/g

Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 1.536 V/m ; Power Drift = 0.184 dB

Peak SAR (extrapolated) = 0.626 mW/g

SAR(1 g) = 0.087 mW/g ; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.201 mW/g

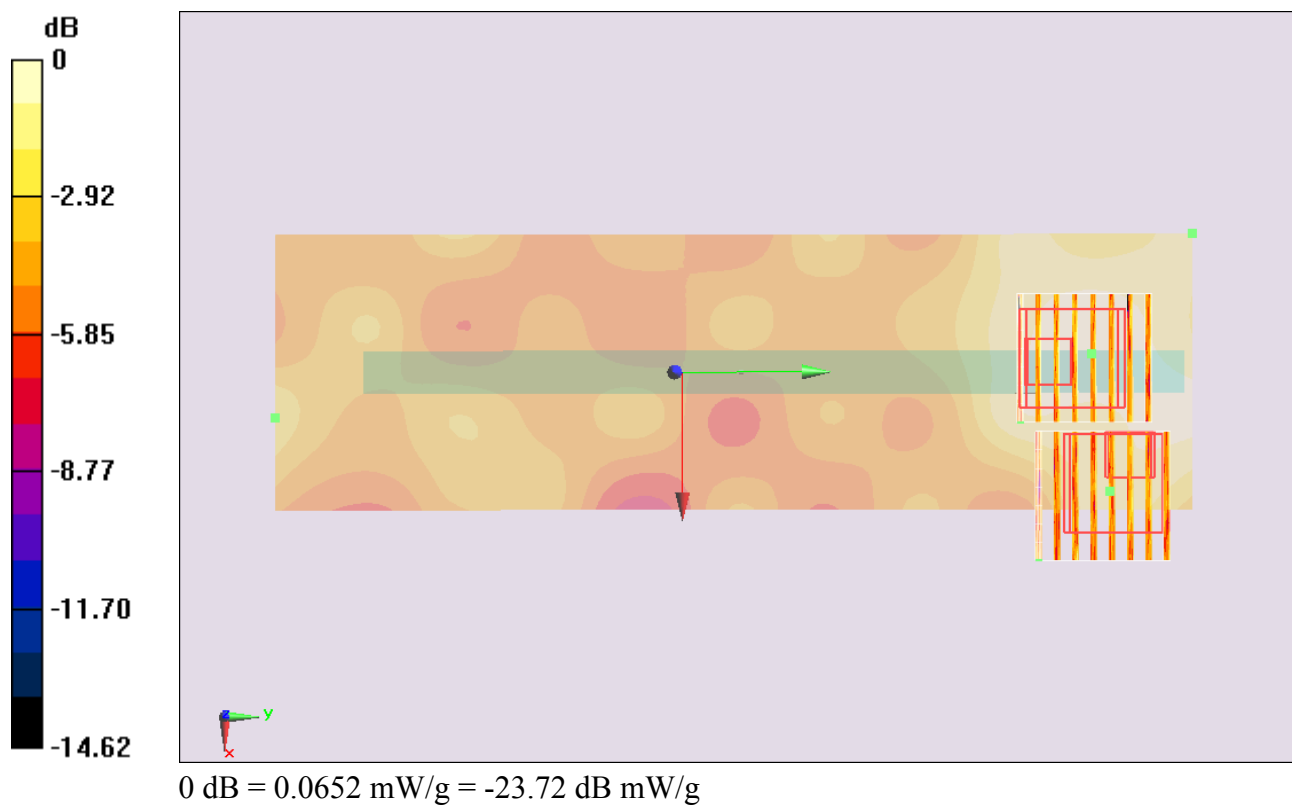
Ch157/Zoom Scan (8x8x10)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 1.536 V/m ; Power Drift = 0.184 dB

Peak SAR (extrapolated) = 0.118 mW/g

SAR(1 g) = 0.034 mW/g ; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.0652 mW/g



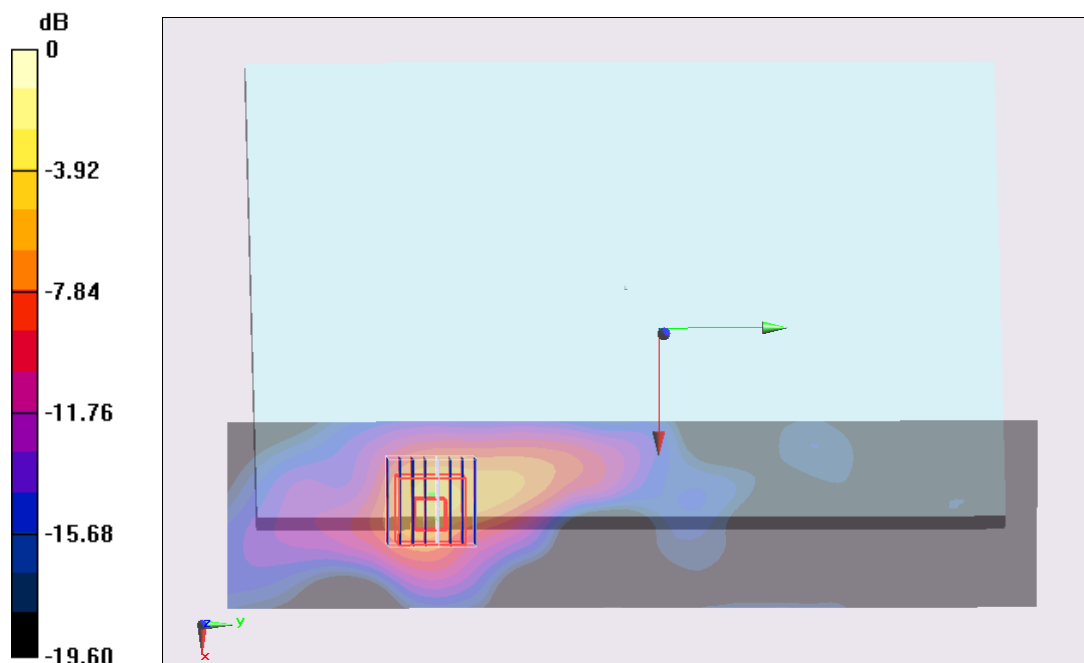
#273 WLAN5G_802.11a_Edge1 Bottom Face_Tilted_0cm_Ch157_Ant1**DUT: 240709**

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

Medium: MSL_5G_120915 Medium parameters used : $f = 5785$ MHz; $\sigma = 5.961$ mho/m; $\epsilon_r = 47.221$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch157/Area Scan (61x161x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 0.812 mW/g **Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 2.649 V/m ; Power Drift = 0.064 dB Peak SAR (extrapolated) = 4.203 mW/g **SAR(1 g) = 1.14 mW/g ; SAR(10 g) = 0.353 mW/g** Maximum value of SAR (measured) = 2.26 mW/g  $0 \text{ dB} = 2.26 \text{ mW/g} = 7.08 \text{ dB mW/g}$

#274 WLAN5G_802.11a_Edge1 Bottom Face_Tilted_0cm_Ch153_Ant1**DUT: 240709**

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

Medium: MSL_5G_120915 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.961$ mho/m; $\epsilon_r = 47.221$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

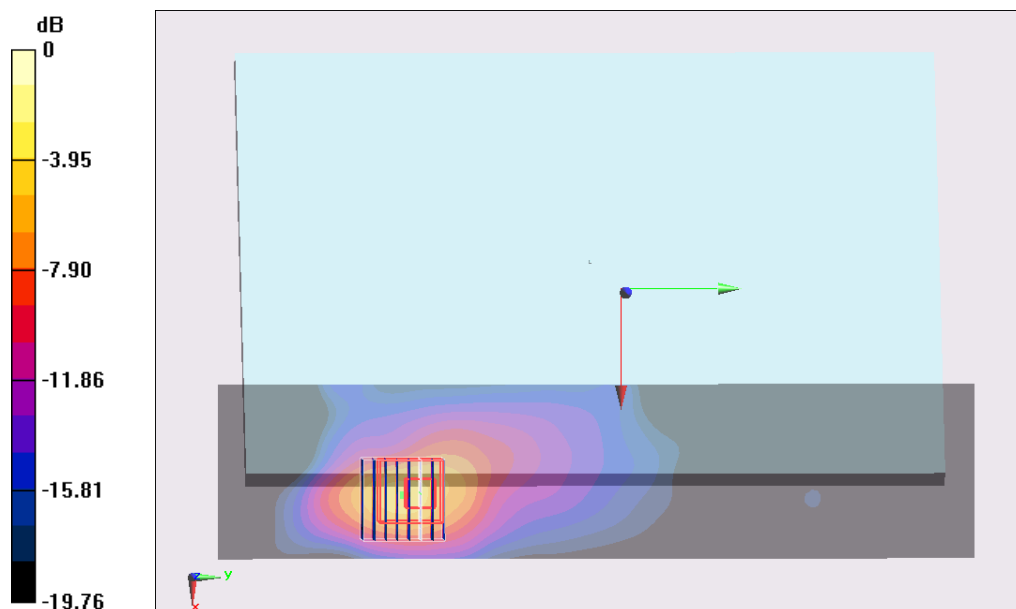
Ch157/Area Scan (61x261x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.40 mW/g**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.643 V/m; Power Drift = 0.191 dB

Peak SAR (extrapolated) = 4.518 mW/g

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.369 mW/g

Maximum value of SAR (measured) = 2.63 mW/g



0 dB = 2.63 mW/g = 8.40 dB mW/g

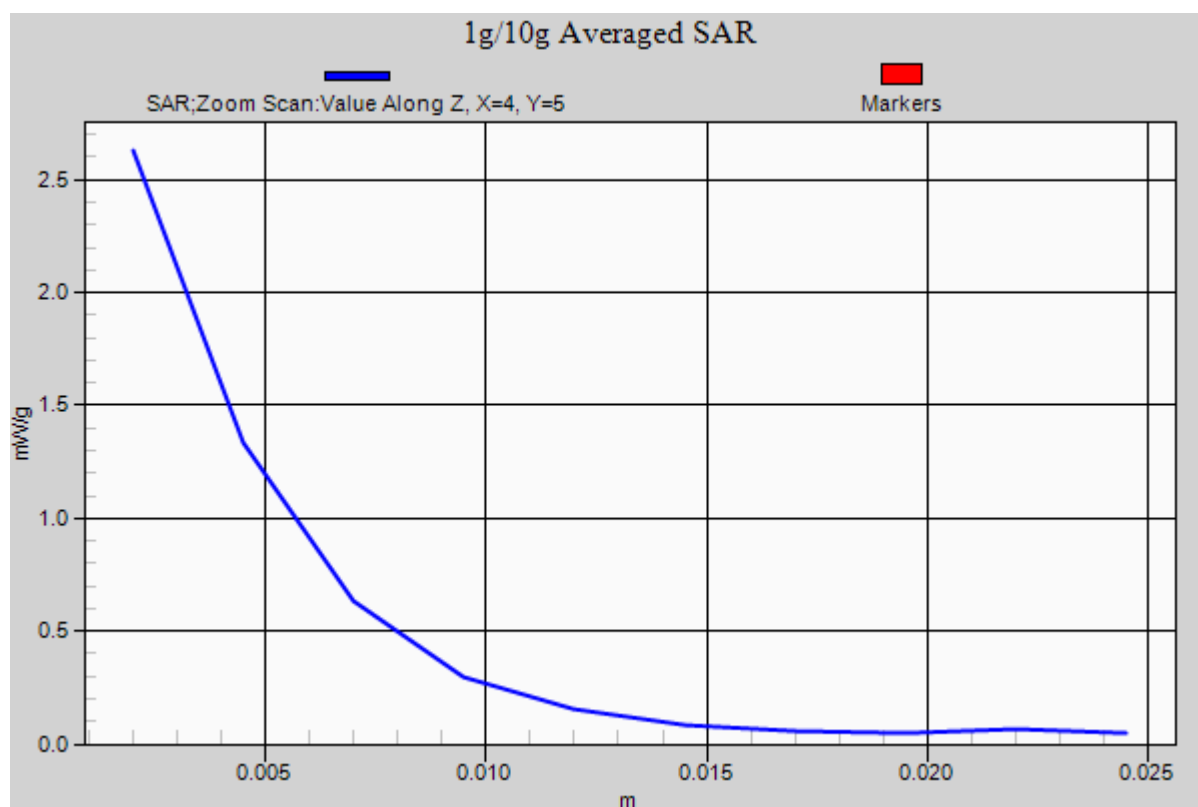
#274 WLAN5G_802.11a_Edge1 Bottom Face_Tilted_0cm_Ch153_Ant1_2D**DUT: 240709**

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

Medium: MSL_5G_120914 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.961$ mho/m; $\epsilon_r = 47.221$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch157/Area Scan (61x261x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 1.40 mW/g **Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 2.643 V/m ; Power Drift = 0.191 dB Peak SAR (extrapolated) = 4.518 mW/g **SAR(1 g) = 1.22 mW/g ; SAR(10 g) = 0.369 mW/g** Maximum value of SAR (measured) = 2.63 mW/g 

#275 WLAN5G_802.11a_Edge1 Bottom Face_Tilted_0cm_Ch161_Ant1**DUT: 240709**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120915 Medium parameters used: $f = 5805$ MHz; $\sigma = 5.984$ mho/m; $\epsilon_r = 47.138$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch161/Area Scan (61x261x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.23 mW/g

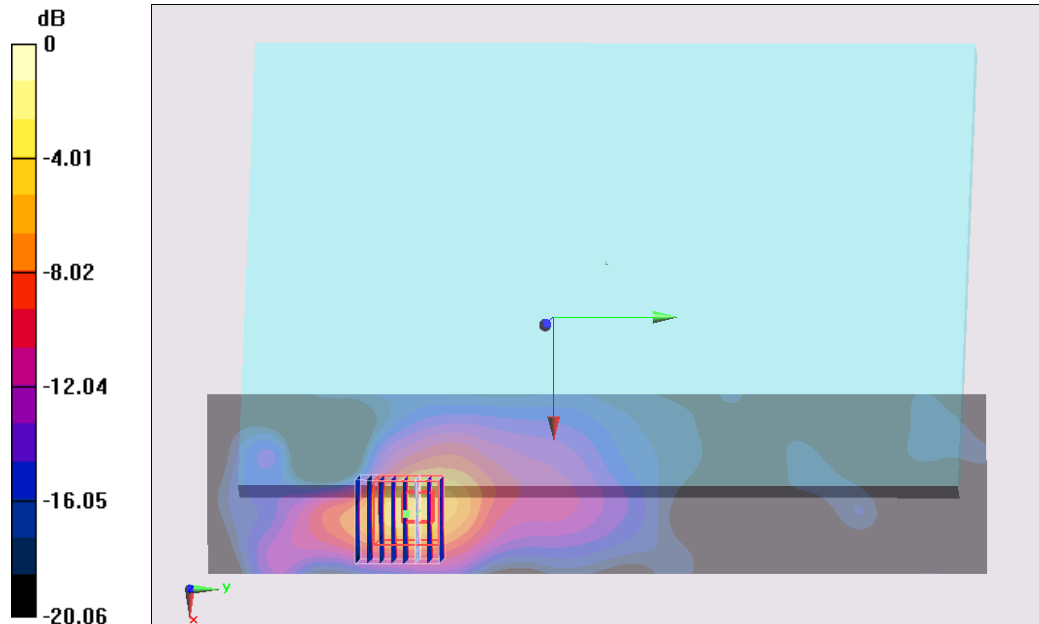
Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.418 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 4.270 mW/g

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.353 mW/g

Maximum value of SAR (measured) = 2.39 mW/g



0 dB = 2.39 mW/g = 7.57 dB mW/g

#211 WLAN5G_802.11n(20M)_Bottom Face_0cm_Ch44_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.398$ mho/m; $\epsilon_r = 48.474$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch44/Area Scan (181x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.399 mW/g

Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 2.585 mW/g

SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.215 mW/g

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

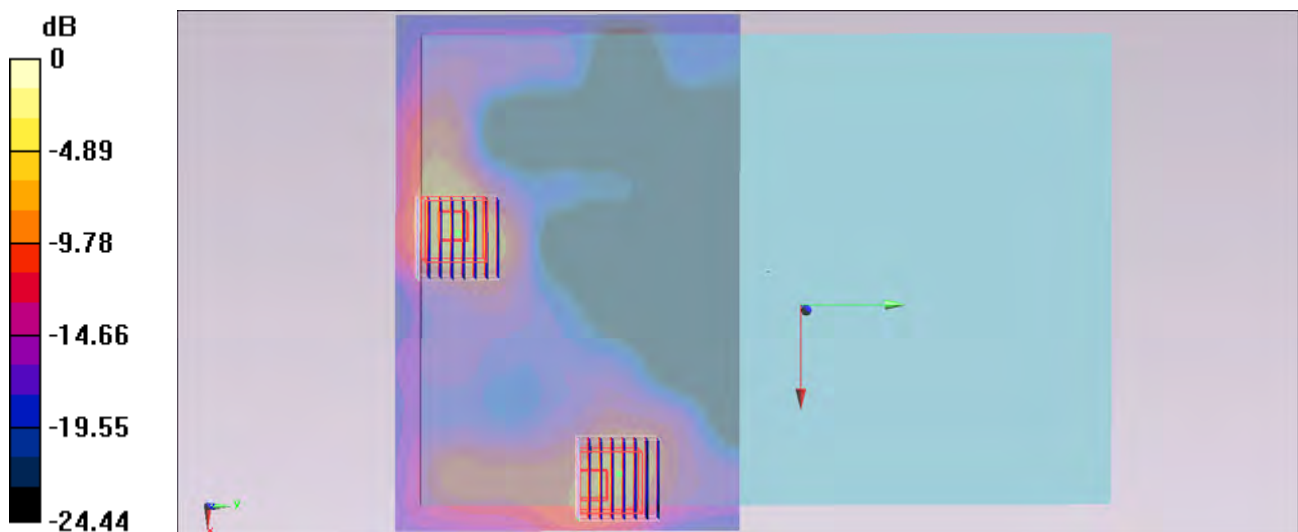
Ch44/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 2.666 mW/g

SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 1.39 mW/g



#212 WLAN5G_802.11n(20M)_Edge 1_0cm_Ch44_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.398$ mho/m; $\epsilon_r = 48.474$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch44/Area Scan (61x261x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.314 mW/g

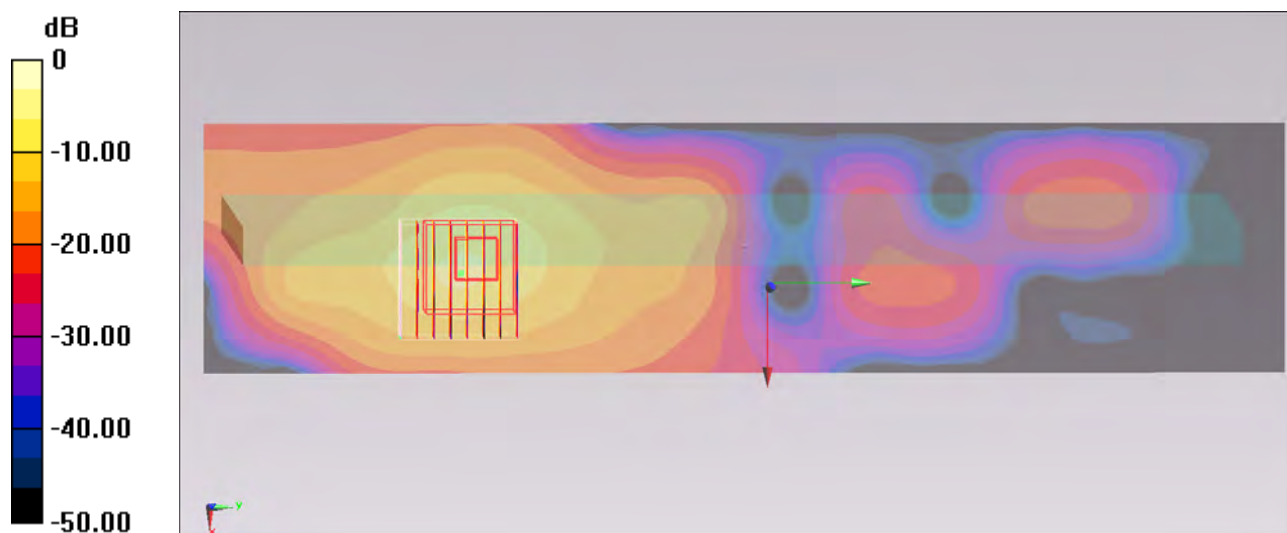
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.644 V/m; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 2.276 mW/g

SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.195 mW/g

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



0 dB = 1.27 mW/g = 2.08 dB mW/g

#257 WLAN5G_802.11n(20M)_Edge 4_0cm_Ch44_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.398$ mho/m; $\epsilon_r = 48.474$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch44/Area Scan (61x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.772 mW/g

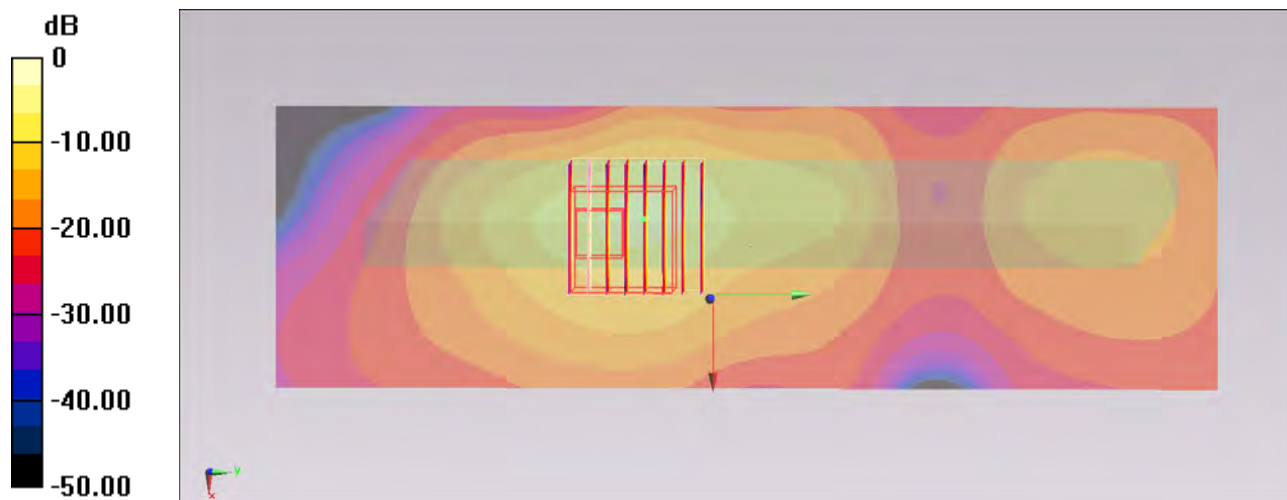
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.398 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 5.164 mW/g

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.306 mW/g

Maximum value of SAR (measured) = 2.69 mW/g



#257 WLAN5G_802.11n(20M)_Edge 4_0cm_Ch44_Ant 1+2_2D**DUT: 240709**

Communication System: 802.11n; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.398$ mho/m; $\epsilon_r = 48.474$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch44/Area Scan (61x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.772 mW/g

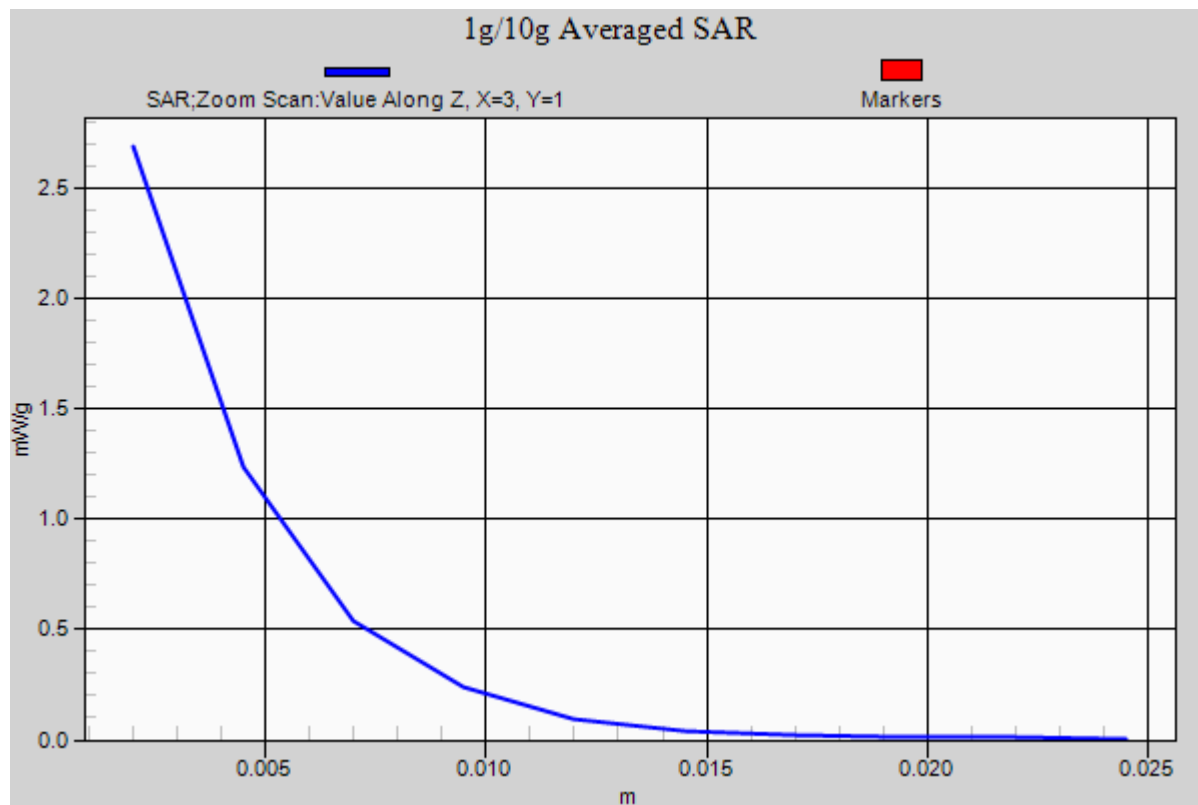
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.398 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 5.164 mW/g

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.306 mW/g

Maximum value of SAR (measured) = 2.69 mW/g



#258 WLAN5G_802.11n(20M)_Edge 4_0cm_Ch40_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.373$ mho/m; $\epsilon_r = 48.526$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch40/Area Scan (31x101x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.763 mW/g

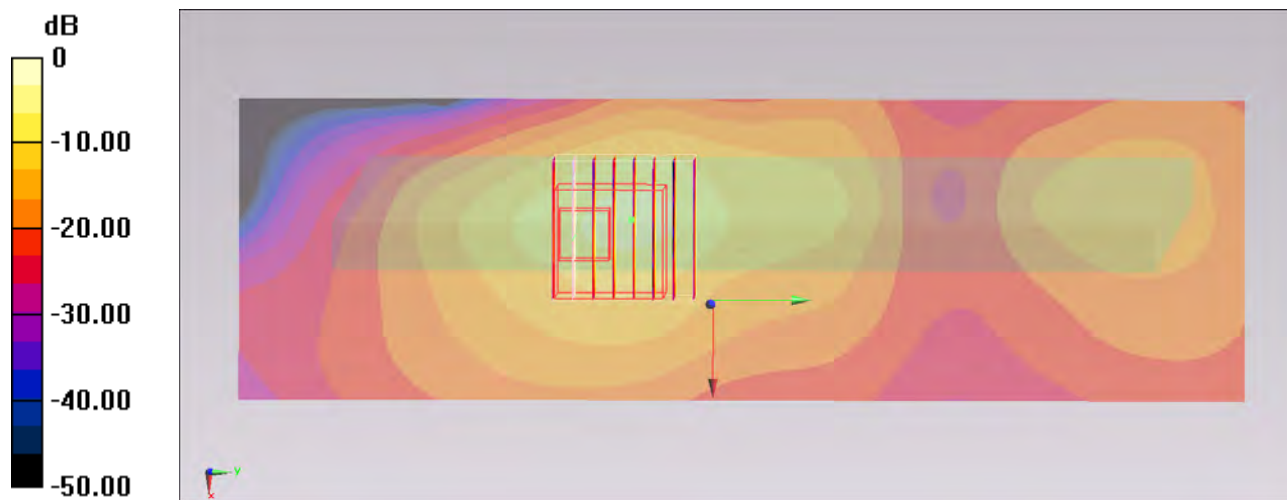
Ch40/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.609 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 4.963 mW/g

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 2.61 mW/g



0 dB = 2.61 mW/g = 8.33 dB mW/g

#279 WLAN5G_802.11n(20M)_Edge4 Bottom Face_Tilted_0cm_Ch44_Ant1+2

DUT: 240709

Communication System: 802.11n; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120913 Medium parameters used: $f = 5220 \text{ MHz}$; $\sigma = 5.33 \text{ mho/m}$; $\epsilon_r = 49.2$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch44/Area Scan (201x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 2.74 V/m ; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 3.23 W/kg

SAR(1 g) = 0.948 mW/g ; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 1.83 mW/g

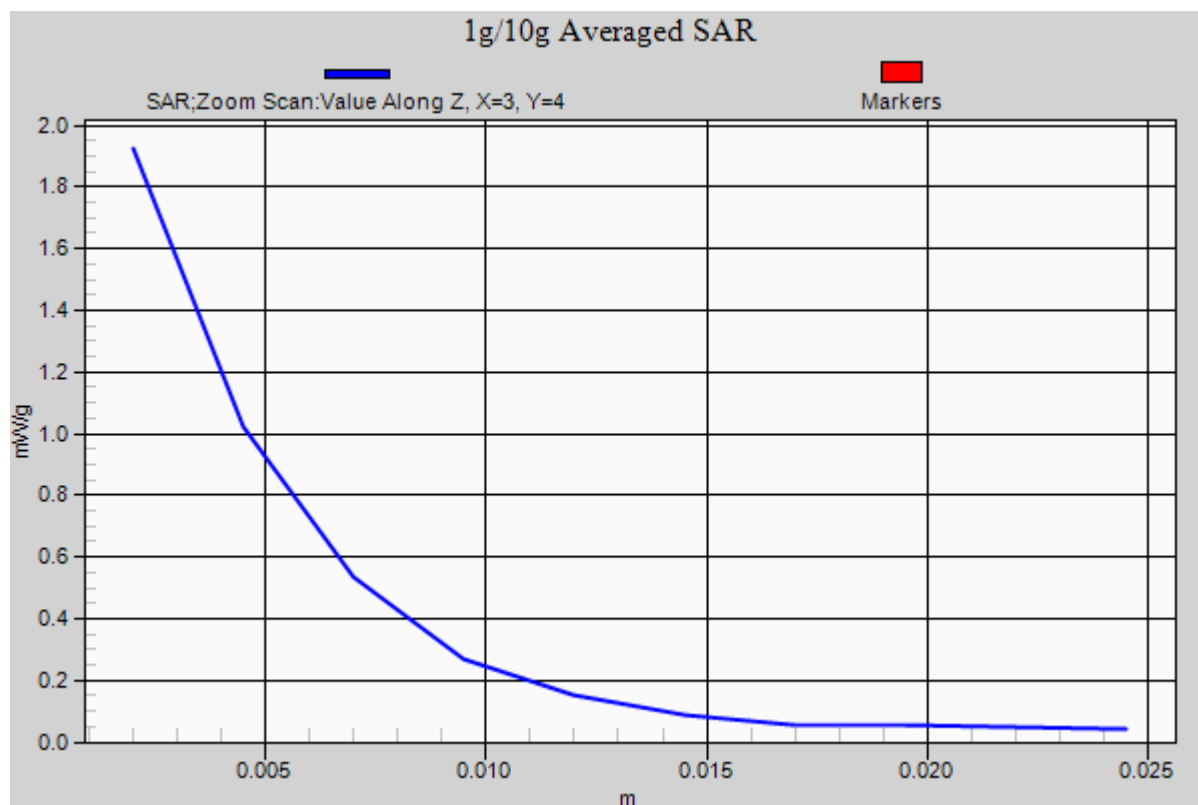
#288 WLAN5G_802.11n(20M)_Edge1 Bottom Face_Tilted_0cm_Ch40_Ant1+2_2D**DUT: 240709**

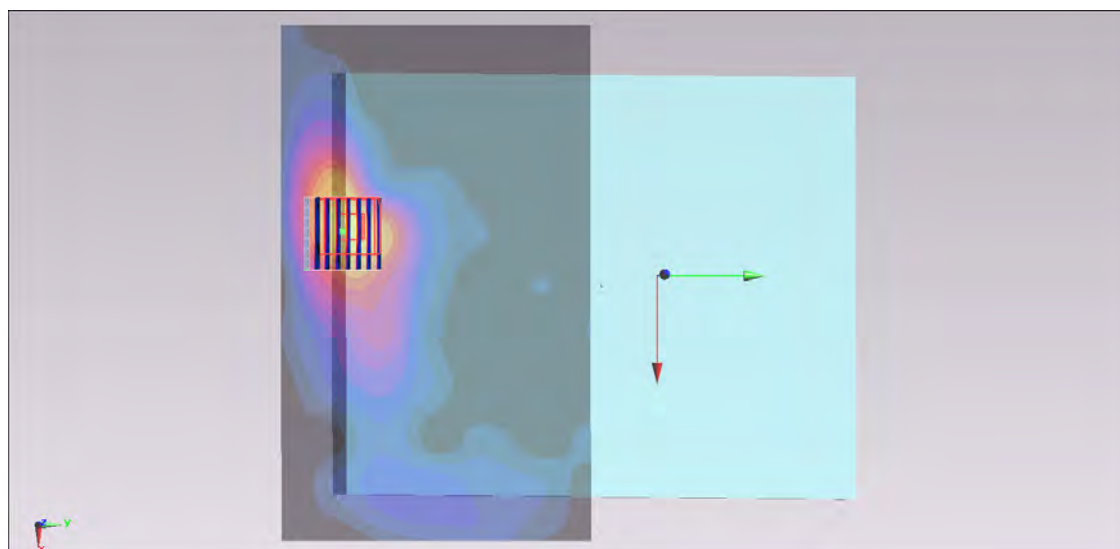
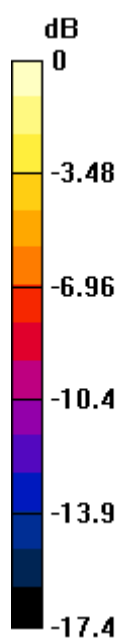
Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120913 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.297$ mho/m; $\epsilon_r = 49.185$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch40/Area Scan (61x261x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 1.12 mW/g **Ch40/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 2.024 V/m ; Power Drift = 0.16 dB Peak SAR (extrapolated) = 3.408 mW/g **SAR(1 g) = 1.01 mW/g ; SAR(10 g) = 0.319 mW/g** Maximum value of SAR (measured) = 1.92 mW/g 



0 dB = 1.83mW/g

#287 WLAN5G_802.11n(20M)_Edge4 Bottom Face_Tilted_0cm_Ch40_Ant1+2

DUT: 240709

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120913 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.3$ mho/m; $\epsilon_r = 49.2$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch40/Area Scan (201x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.629 mW/g

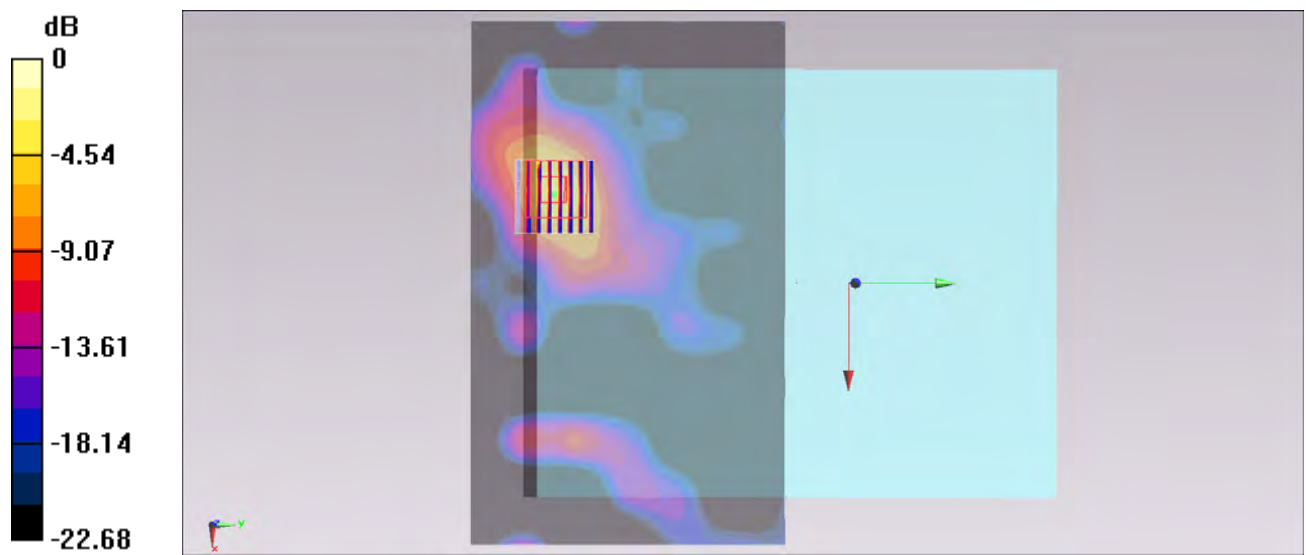
Ch40/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.27 V/m; Power Drift = 0.185 dB

Peak SAR (extrapolated) = 2.96 W/kg

SAR(1 g) = 0.891 mW/g; SAR(10 g) = 0.286 mW/g

Maximum value of SAR (measured) = 1.74 mW/g



0 dB = 1.74 mW/g = 4.81 dB mW/g

#286 WLAN5G_802.11n(20M)_Edge1 Bottom Face_Tilted_0cm_Ch44_Ant1+2

DUT: 240709

Communication System: 802.11n; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120913 Medium parameters used: $f = 5220 \text{ MHz}$; $\sigma = 5.33 \text{ mho/m}$; $\epsilon_r = 49.2$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch44/Area Scan (61x261x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.857 mW/g

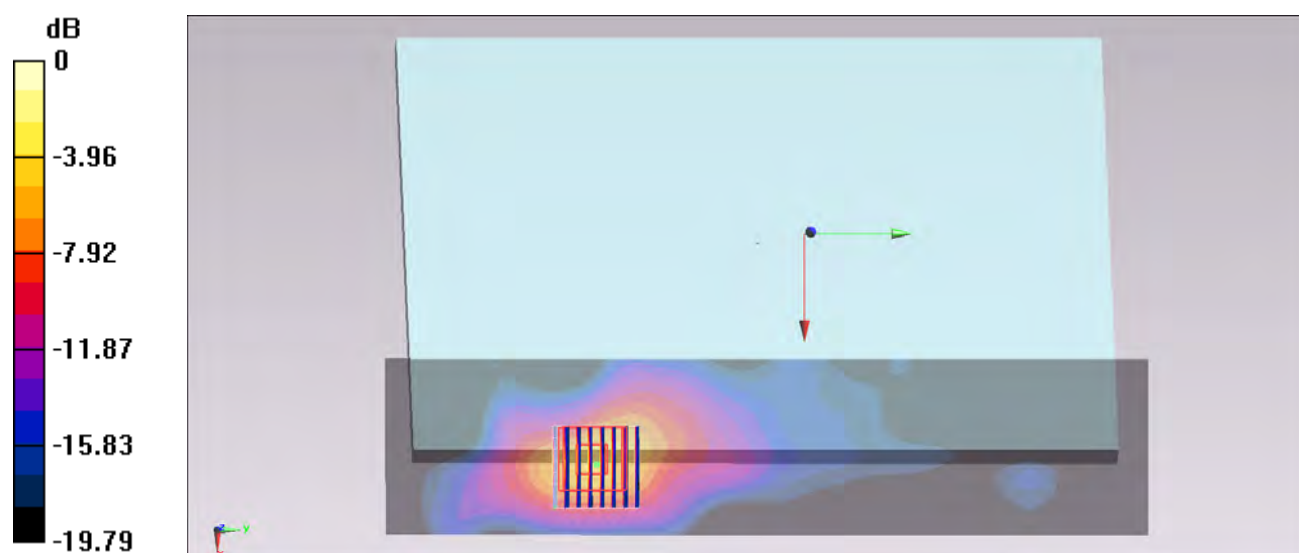
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 2.26 V/m ; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 3.37 W/kg

SAR(1 g) = 0.980 mW/g ; SAR(10 g) = 0.310 mW/g

Maximum value of SAR (measured) = 2.01 mW/g



0 dB = 2.01 mW/g = 6.06 dB mW/g

#288 WLAN5G_802.11n(20M)_Edge1 Bottom Face_Tilted_0cm_Ch40_Ant1+2

DUT: 240709

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120913 Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.3 \text{ mho/m}$; $\epsilon_r = 49.2$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch40/Area Scan (61x261x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

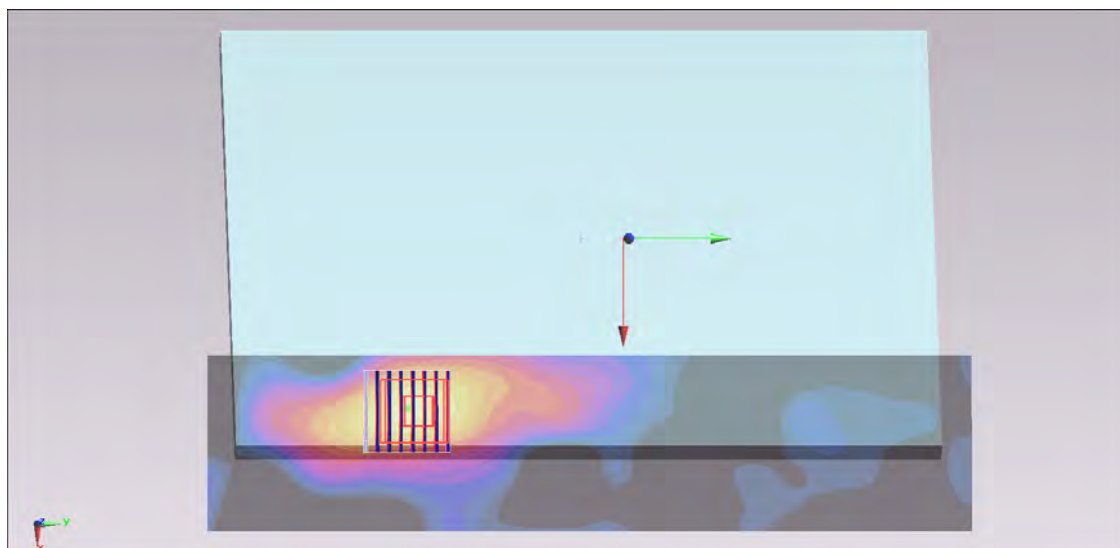
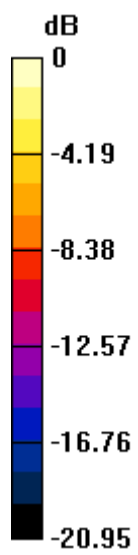
Ch40/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 2.02 V/m ; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.41 W/kg

SAR(1 g) = 1.01 mW/g ; SAR(10 g) = 0.319 mW/g

Maximum value of SAR (measured) = 1.92 mW/g



0 dB = 1.92 mW/g = 5.67 dB mW/g

#213 WLAN5G_802.11n(20M)_Bottom Face_0cm_Ch60_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.515$ mho/m; $\epsilon_r = 48.269$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch60/Area Scan (181x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.484 mW/g

Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.543 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.444 mW/g

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.372 mW/g

Maximum value of SAR (measured) = 2.36 mW/g

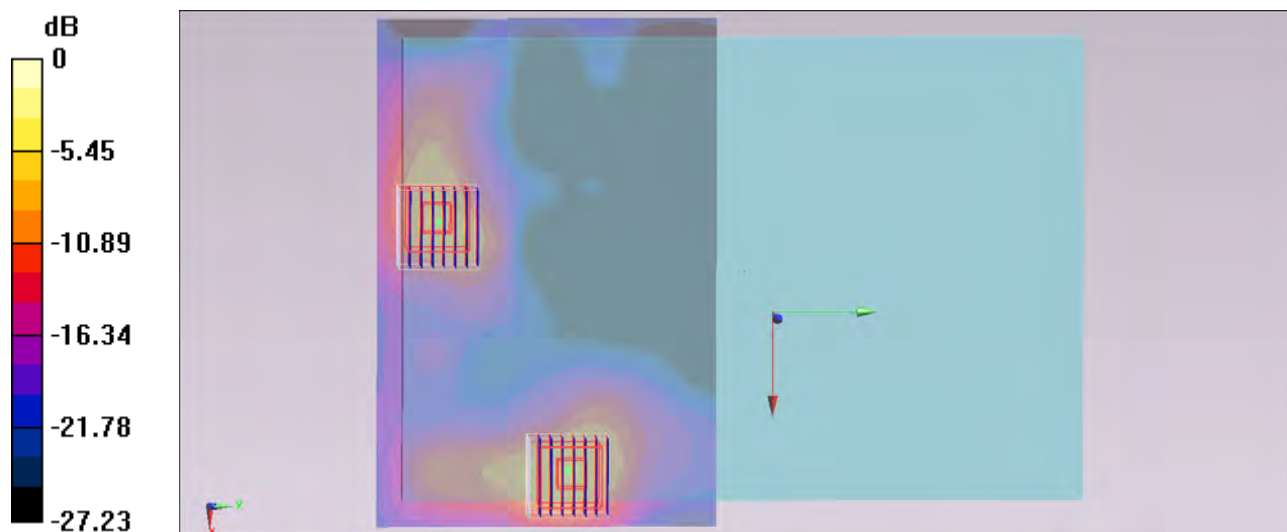
Ch60/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.543 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.790 mW/g

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.346 mW/g

Maximum value of SAR (measured) = 2.42 mW/g



0 dB = 2.42 mW/g = 7.68 dB mW/g

#213 WLAN5G_802.11n(20M)_Bottom Face_0cm_Ch60_Ant 1+2_2D

DUT: 240709

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.515$ mho/m; $\epsilon_r = 48.269$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch60/Area Scan (181x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.484 mW/g

Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.543 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.444 mW/g

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.372 mW/g

Maximum value of SAR (measured) = 2.36 mW/g

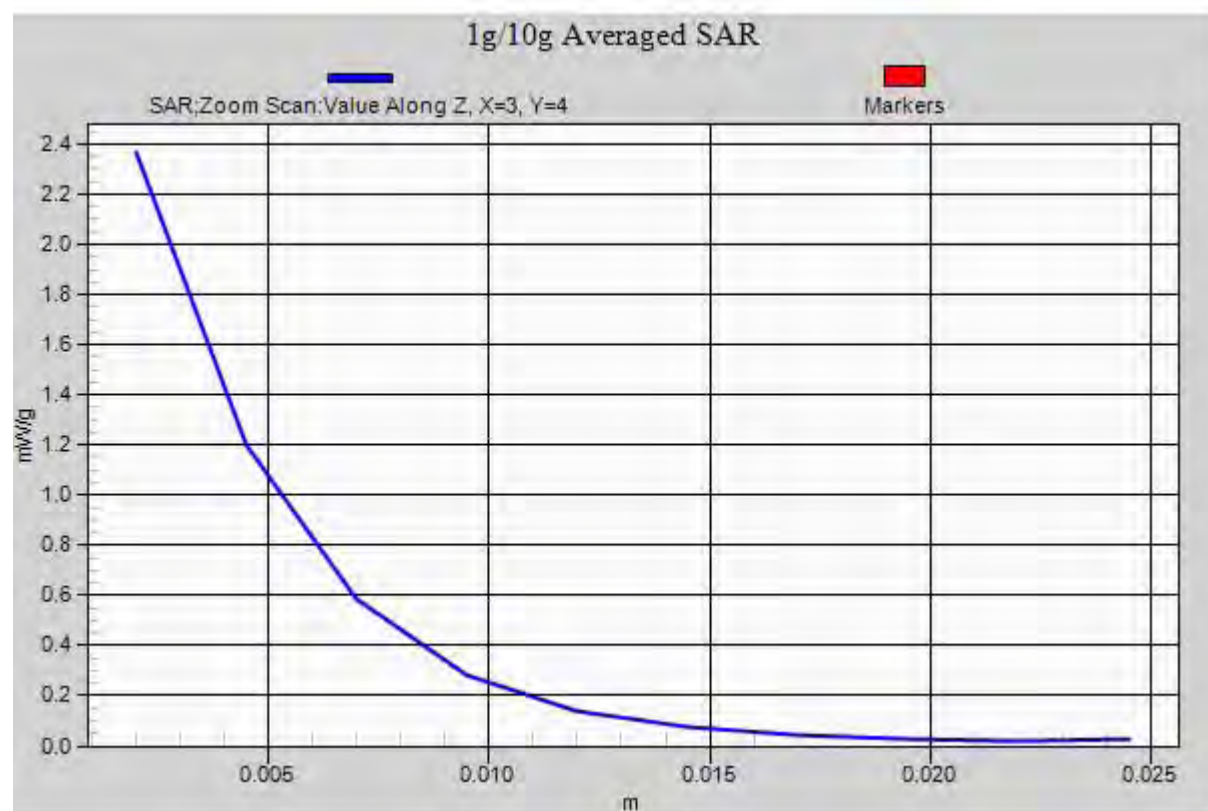
Ch60/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.543 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.790 mW/g

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.346 mW/g

Maximum value of SAR (measured) = 2.42 mW/g



#227 WLAN5G_802.11n(20M)_Bottom Face_0cm_Ch56_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used : $f = 5280$ MHz; $\sigma = 5.483$ mho/m; $\epsilon_r = 48.32$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch56/Area Scan (181x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.498 mW/g

Ch56/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.457 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 4.314 mW/g

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.331 mW/g

Maximum value of SAR (measured) = 2.23 mW/g

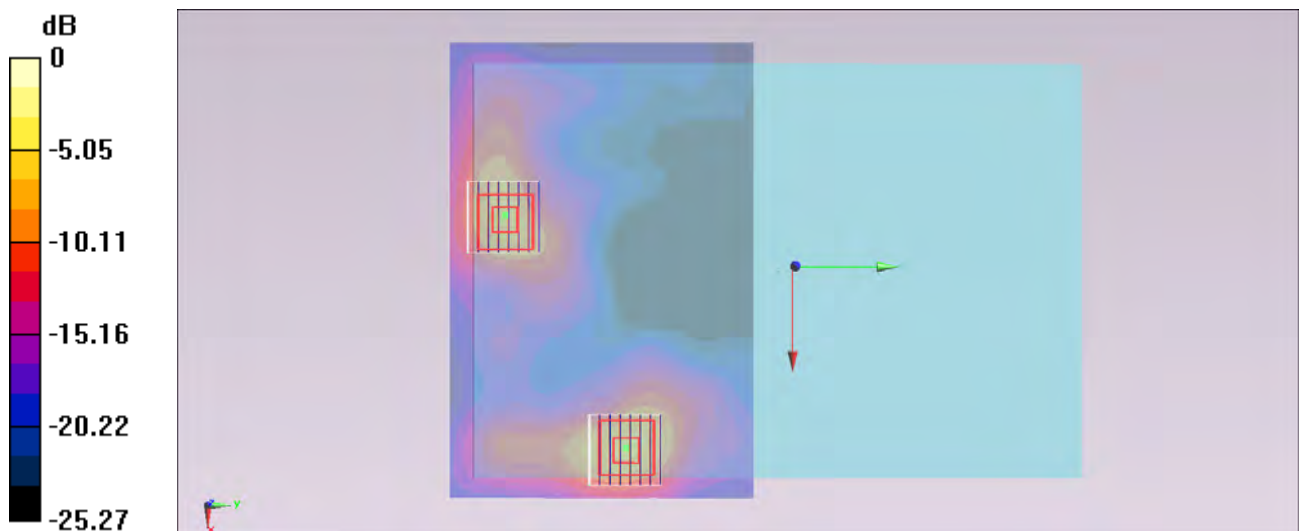
Ch56/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.457 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 3.905 mW/g

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 2.10 mW/g



#214 WLAN5G_802.11n(20M)_Edge 1_0cm_Ch60_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.515$ mho/m; $\epsilon_r = 48.269$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch60/Area Scan (61x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.525 mW/g

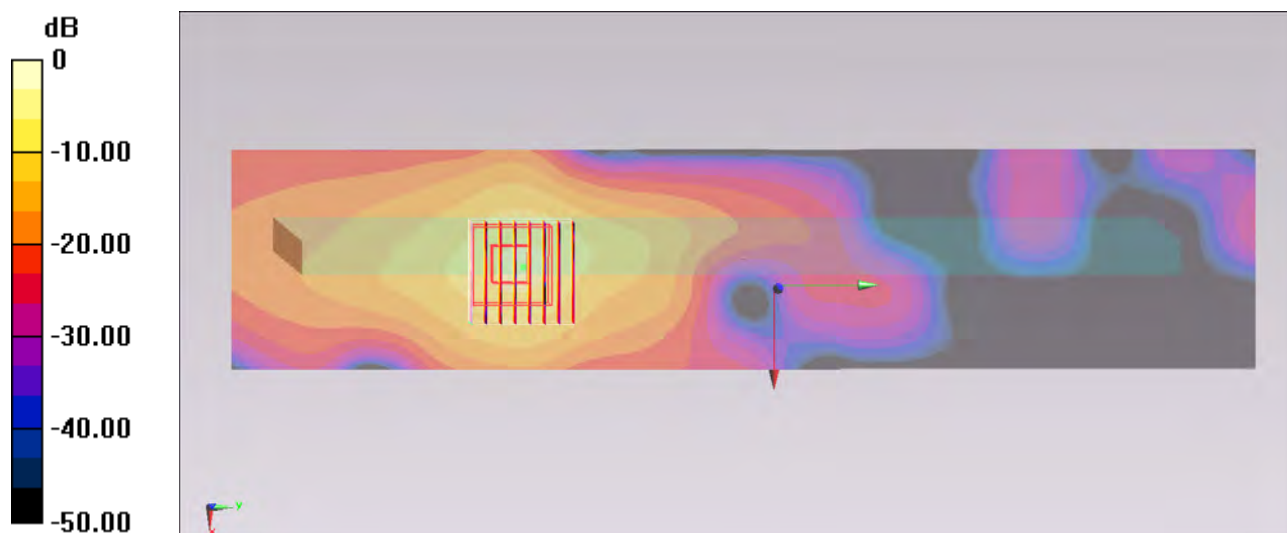
Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.230 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.633 mW/g

SAR(1 g) = 0.995 mW/g; SAR(10 g) = 0.305 mW/g

Maximum value of SAR (measured) = 2.05 mW/g



0 dB = 2.05 mW/g = 6.24 dB mW/g

#245 WLAN5G_802.11n(20M)_Edge 1_0cm_Ch56_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.483$ mho/m; $\epsilon_r = 48.32$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch56/Area Scan (61x261x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.503 mW/g

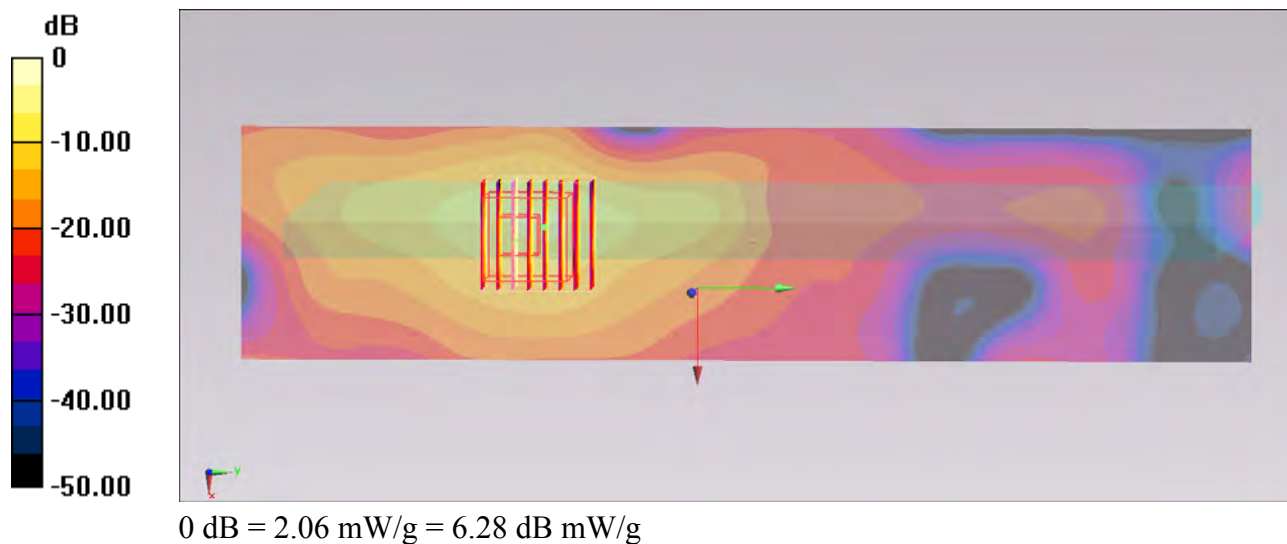
Ch56/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.629 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 3.762 mW/g

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.302 mW/g

Maximum value of SAR (measured) = 2.06 mW/g



#259 WLAN5G_802.11n(20M)_Edge 4_0cm_Ch60_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.515$ mho/m; $\epsilon_r = 48.269$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch60/Area Scan (61x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.811 mW/g

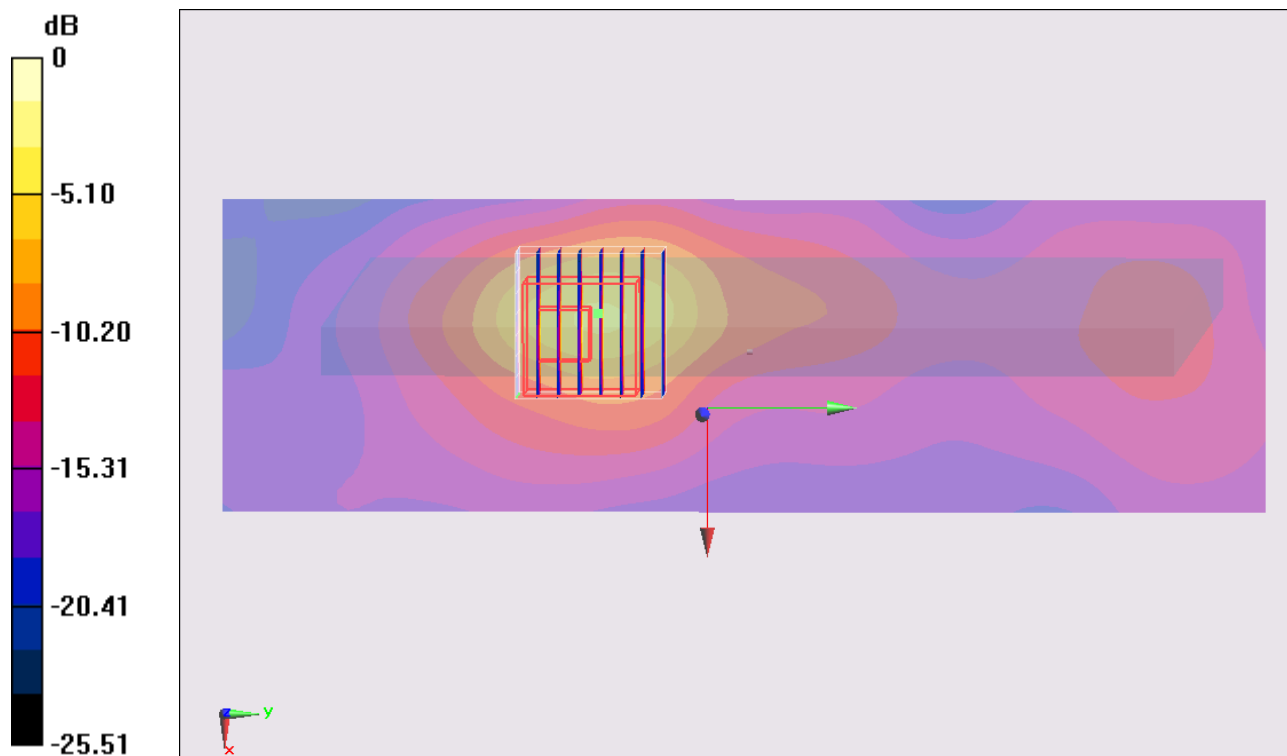
Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.115 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 4.876 mW/g

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.316 mW/g

Maximum value of SAR (measured) = 2.45 mW/g



#260 WLAN5G_802.11n(20M)_Edge 4_0cm_Ch56_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.483$ mho/m; $\epsilon_r = 48.32$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch56/Area Scan (61x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.834 mW/g

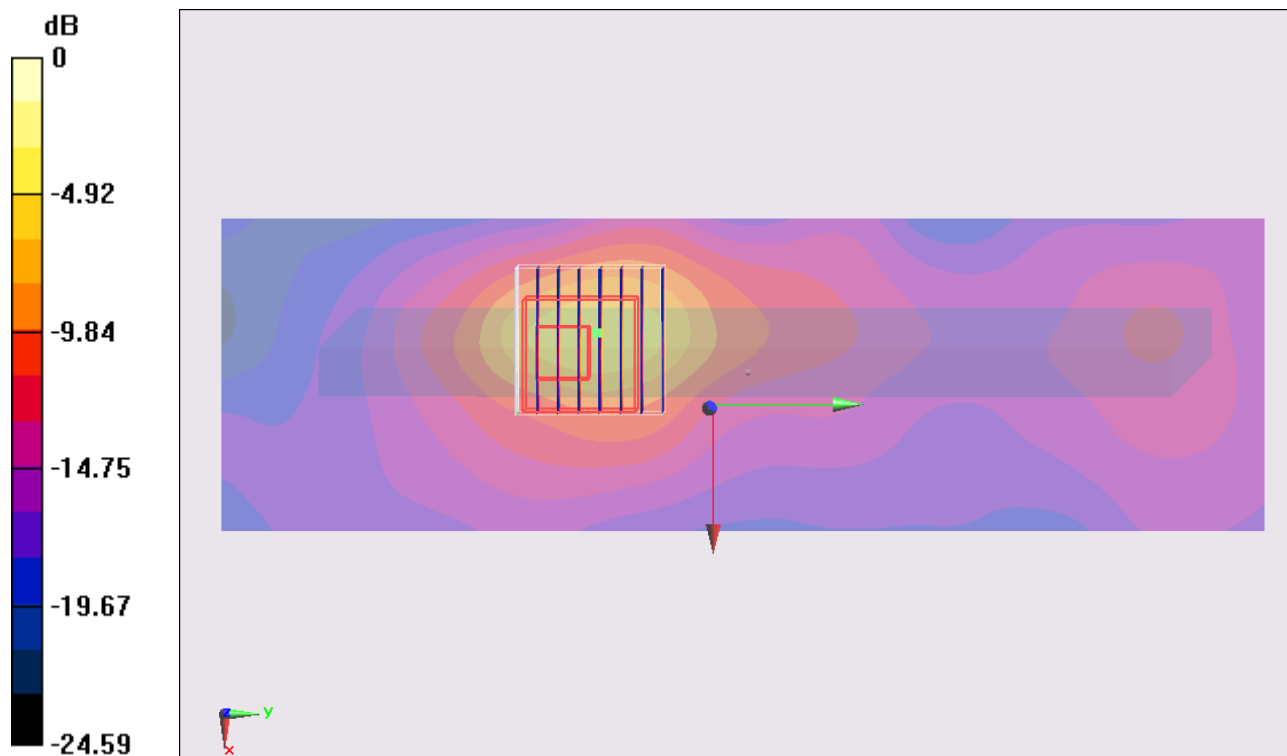
Ch56/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.377 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 5.118 mW/g

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.330 mW/g

Maximum value of SAR (measured) = 2.59 mW/g



0 dB = 2.59 mW/g = 8.27 dB mW/g

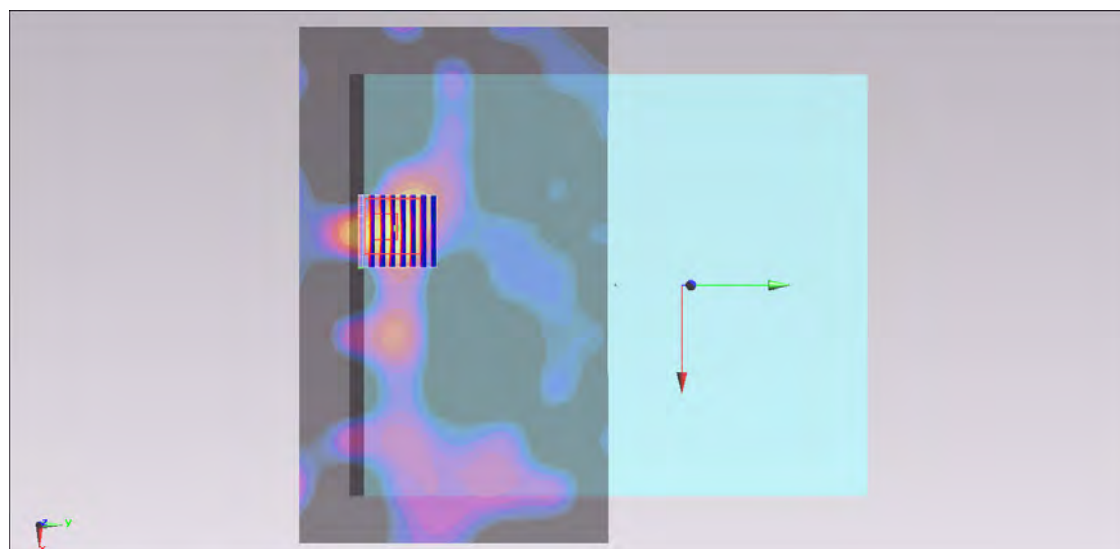
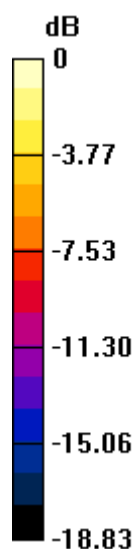
#280 WLAN5G_802.11n(20M)_Bottom Face Tilted_0cm_Ch60_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120914 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.301$ mho/m; $\epsilon_r = 48.29$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch60/Area Scan (201x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 2.00 mW/g **Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 2.212 V/m ; Power Drift = 0.045 dB Peak SAR (extrapolated) = 4.581 mW/g **SAR(1 g) = 1.29 mW/g ; SAR(10 g) = 0.409 mW/g** Maximum value of SAR (measured) = 2.51 mW/g  $0 \text{ dB} = 2.51 \text{ mW/g} = 7.99 \text{ dB mW/g}$

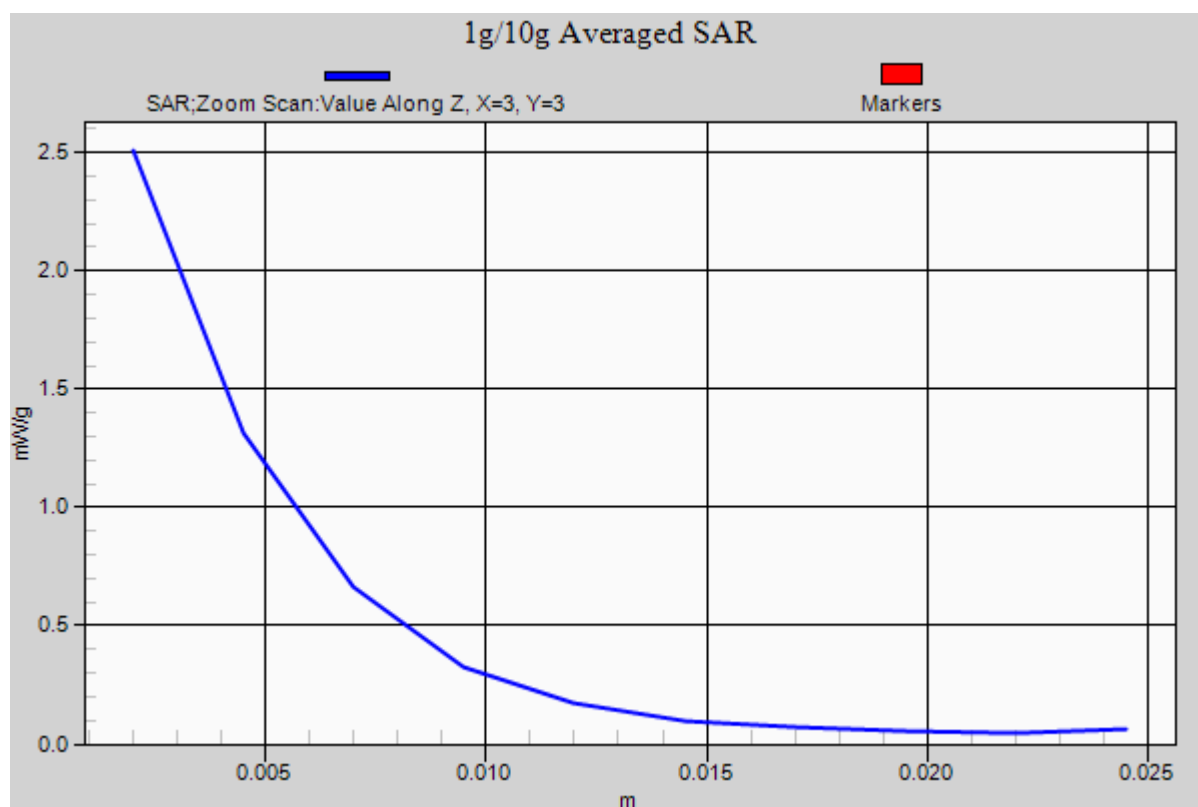
#280 WLAN5G_802.11n(20M)_Bottom Face Tilted_0cm_Ch60_Ant1+2_2D**DUT: 240709**

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120914 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.251$ mho/m; $\epsilon_r = 48.29$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch60/Area Scan (201x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 2.00 mW/g **Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 2.212 V/m ; Power Drift = 0.045 dB Peak SAR (extrapolated) = 4.581 mW/g **SAR(1 g) = 1.29 mW/g ; SAR(10 g) = 0.409 mW/g** Maximum value of SAR (measured) = 2.51 mW/g 

#290 WLAN5G_802.11n(20M)_Edge4 Bottom Face_Tilted_0cm_Ch56_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120917 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.415$ mho/m; $\epsilon_r = 49.041$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch56/Area Scan (101x61x1): Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 2.07 mW/g

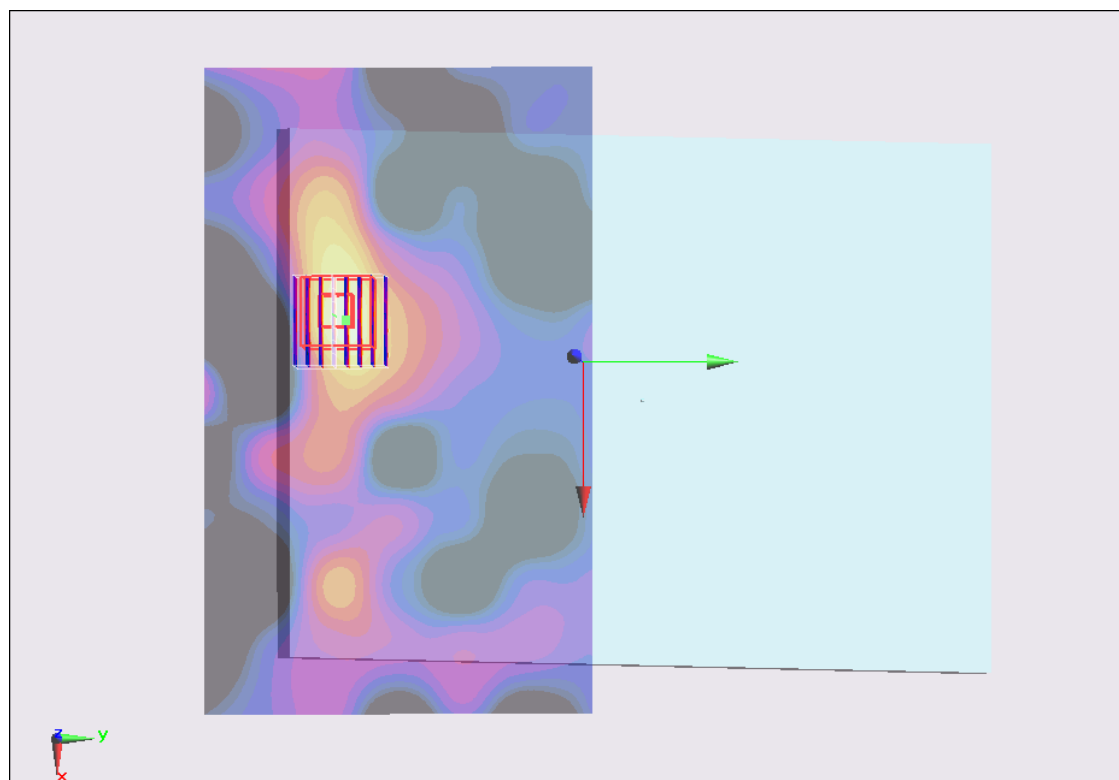
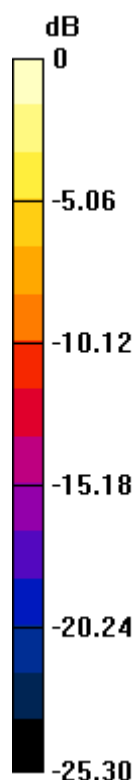
Ch56/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.721 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 3.801 mW/g

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 2.12 mW/g



0 dB = 2.12 W/kg = 6.53 dB W/kg

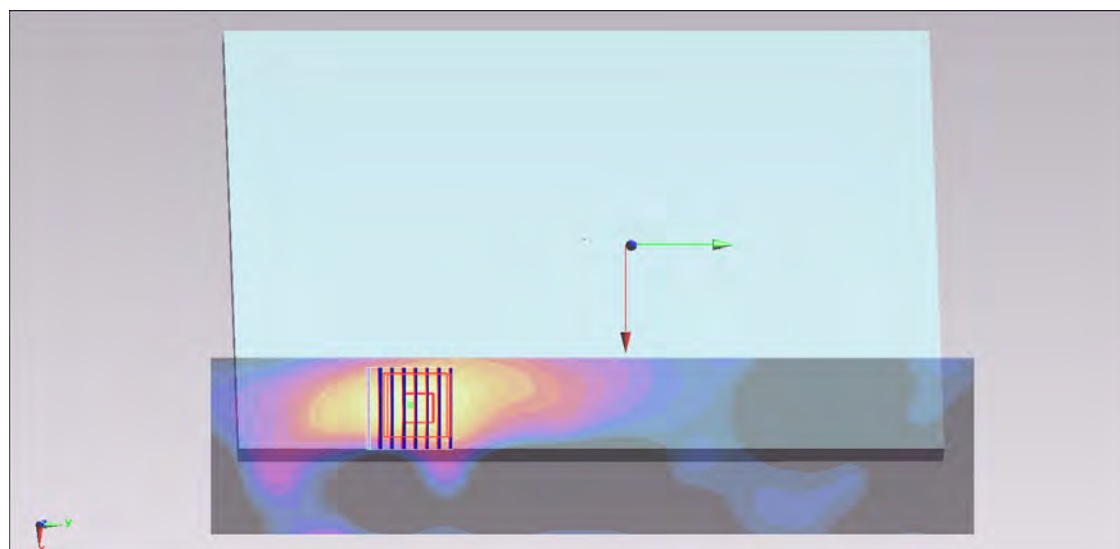
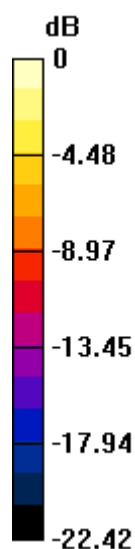
#289 WLAN5G_802.11n(20M)_Edge1 Bottom Face_Tilted_0cm_Ch60_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120914 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.301$ mho/m; $\epsilon_r = 48.29$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch60/Area Scan (61x261x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 1.68 mW/g **Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 2.232 V/m ; Power Drift = 0.125 dB Peak SAR (extrapolated) = 4.213 mW/g **SAR(1 g) = 1.22 mW/g ; SAR(10 g) = 0.396 mW/g** Maximum value of SAR (measured) = 2.33 mW/g  $0 \text{ dB} = 2.33 \text{ mW/g} = 7.35 \text{ dB mW/g}$

#291 WLAN5G_802.11n(20M)_Edge1 Bottom Face_Tilted_0cm_Ch56_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120914 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.275$ mho/m; $\epsilon_r = 48.335$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch56/Area Scan (61x261x1): Measurement grid: dx=10mm, dy=10mm

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

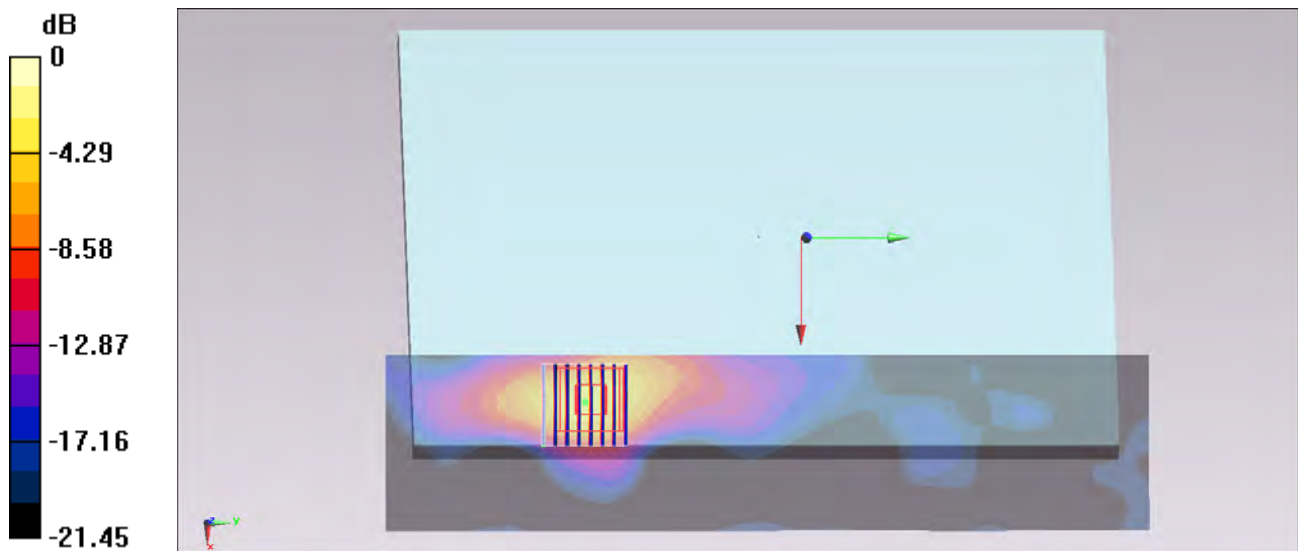
Ch56/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.418 V/m; Power Drift = 0.181 dB

Peak SAR (extrapolated) = 4.293 mW/g

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.390 mW/g

Maximum value of SAR (measured) = 2.54 mW/g



0 dB = 2.54 mW/g = 8.10 dB mW/g

#215 WLAN5G_802.11n(20M)_Bottom Face_0cm_Ch116_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.917$ mho/m; $\epsilon_r = 47.63$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch116/Area Scan (181x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.436 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.181 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 4.897 mW/g

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.379 mW/g

Maximum value of SAR (measured) = 2.49 mW/g

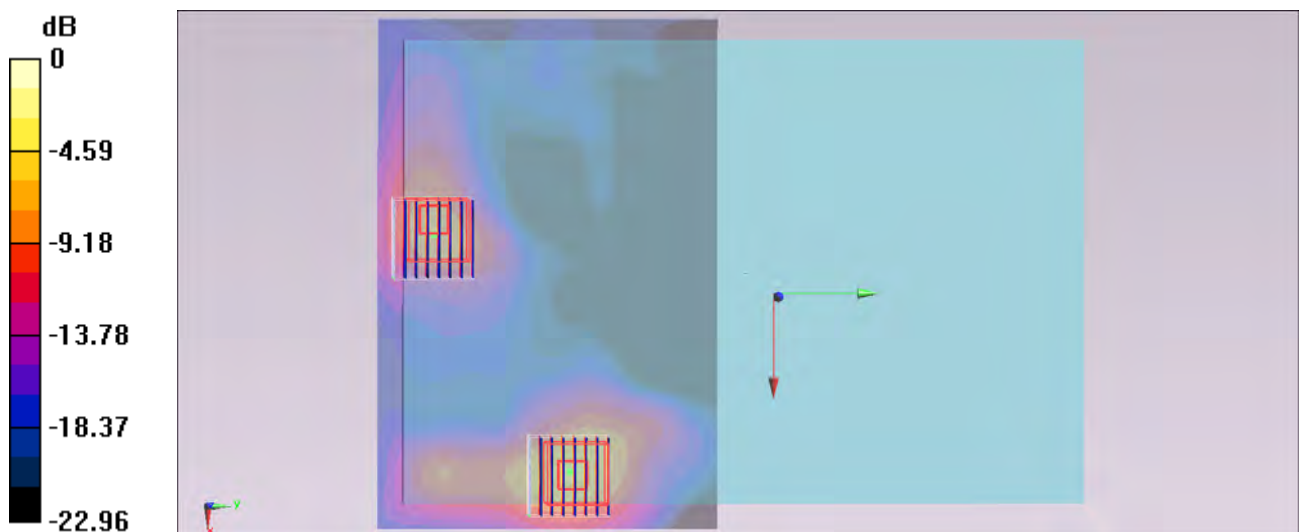
Ch116/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.181 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.221 mW/g

SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.232 mW/g

Maximum value of SAR (measured) = 1.65 mW/g



0 dB = 1.65 mW/g = 4.35 dB mW/g

#215 WLAN5G_802.11n(20M)_Bottom Face_0cm_Ch116_Ant 1+2_2D

DUT: 240709

Communication System: 802.11n; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.917$ mho/m; $\epsilon_r = 47.63$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch116/Area Scan (181x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.436 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.181 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 4.897 mW/g

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.379 mW/g

Maximum value of SAR (measured) = 2.49 mW/g

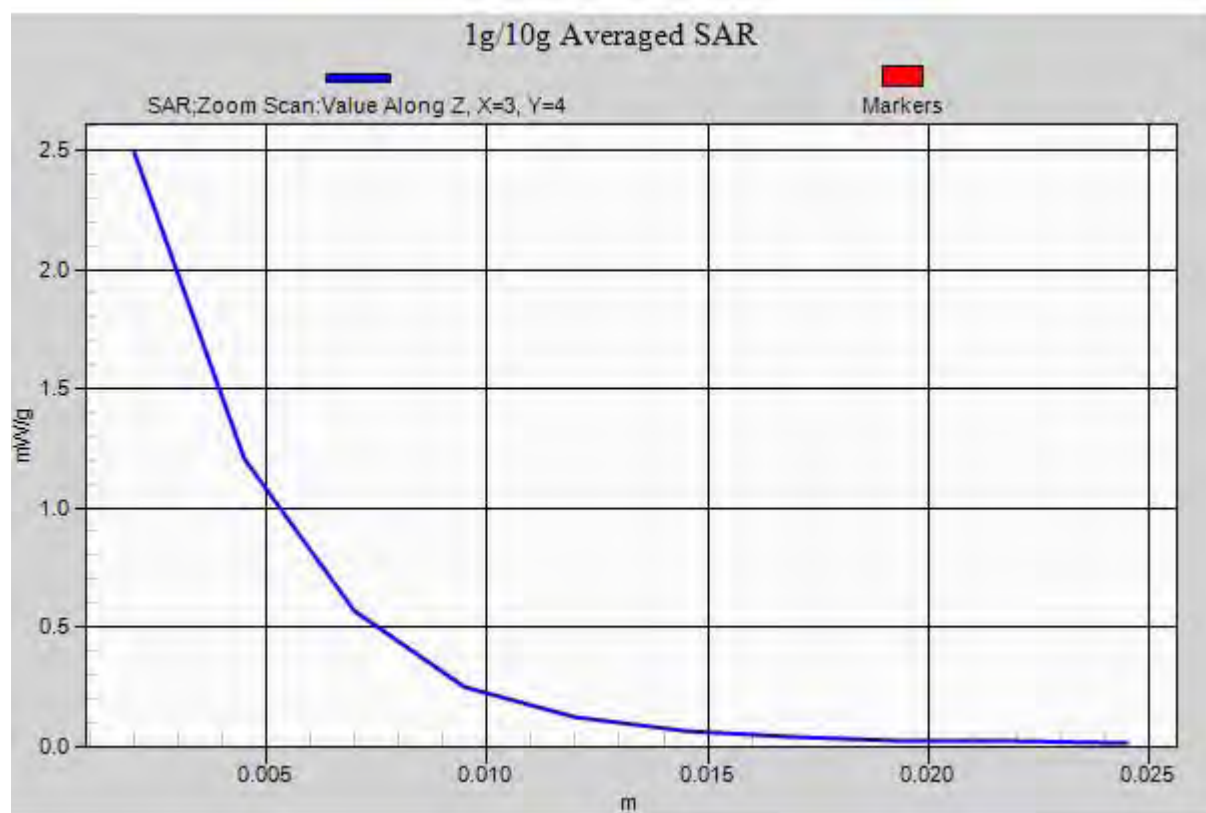
Ch116/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.181 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.221 mW/g

SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.232 mW/g

Maximum value of SAR (measured) = 1.65 mW/g



#228 WLAN5G_802.11n(20M)_Bottom Face_0cm_Ch108_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used : $f = 5540$ MHz; $\sigma = 5.862$ mho/m; $\epsilon_r = 47.743$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch108/Area Scan (181x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.438 mW/g

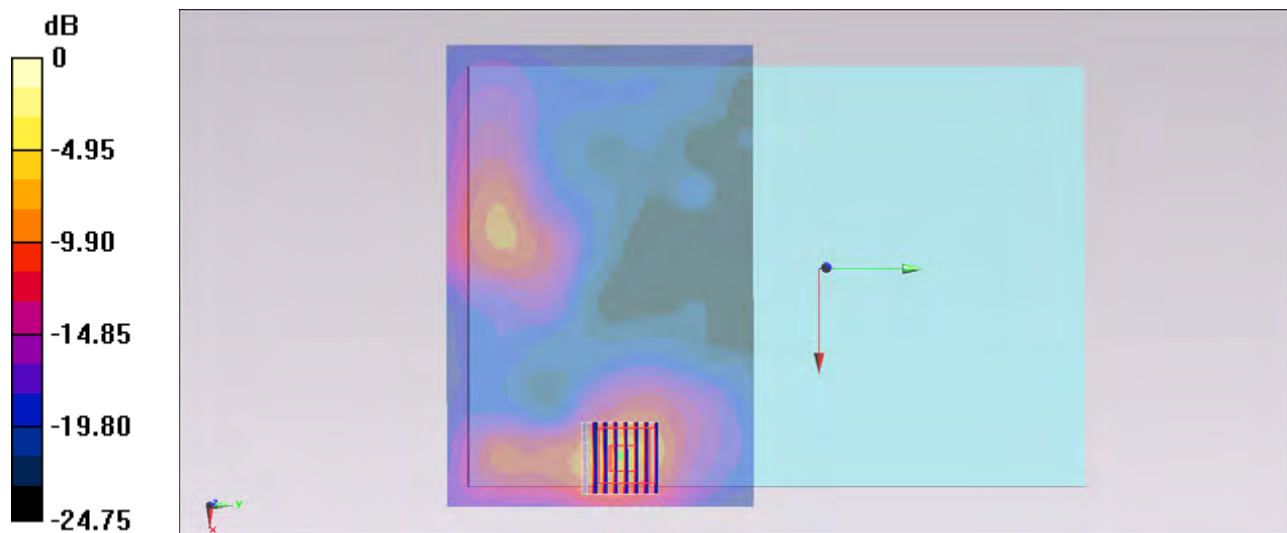
Ch108/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.241 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 4.568 mW/g

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.360 mW/g

Maximum value of SAR (measured) = 2.34 mW/g



#229 WLAN5G_802.11n(20M)_Bottom Face_0cm_Ch132_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5660$ MHz; $\sigma = 6.033$ mho/m; $\epsilon_r = 47.462$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch132/Area Scan (181x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.528 mW/g

Ch132/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 5.053 mW/g

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.354 mW/g

Maximum value of SAR (measured) = 2.59 mW/g

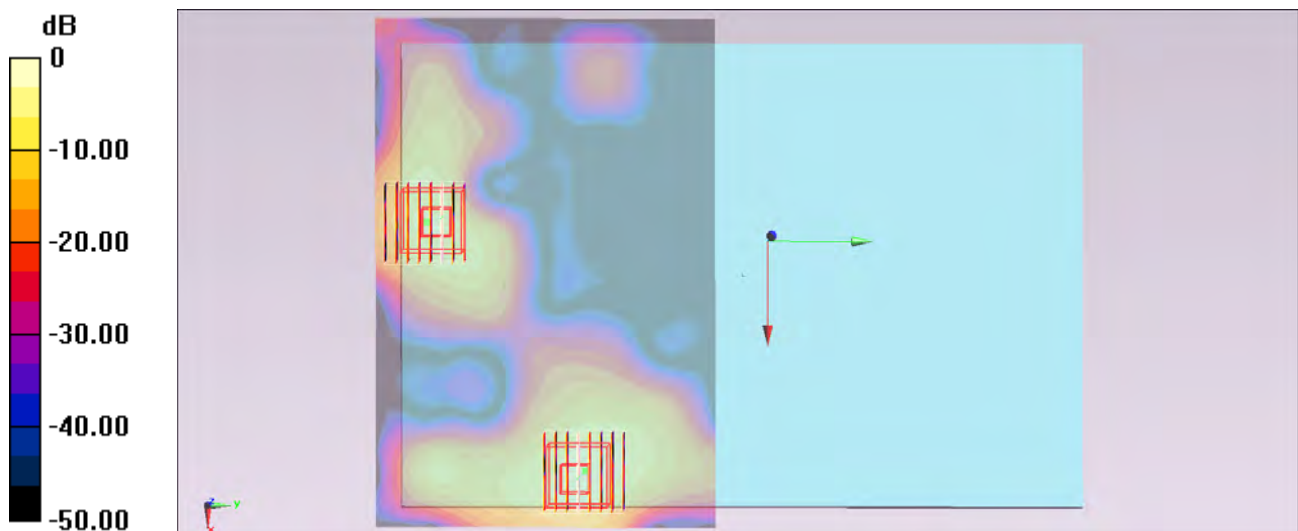
Ch132/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.897 mW/g

SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.182 mW/g

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



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

#216 WLAN5G_802.11n(20M)_Edge 1_0cm_Ch116_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.917$ mho/m; $\epsilon_r = 47.63$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch116/Area Scan (61x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.541 mW/g

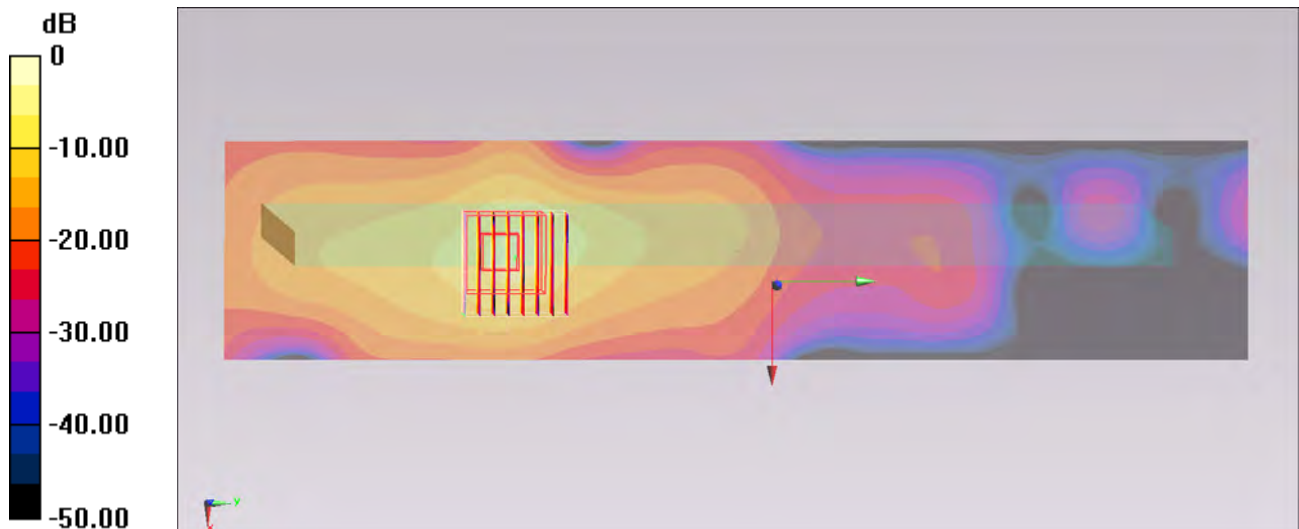
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.284 V/m; Power Drift = -0.147 dB

Peak SAR (extrapolated) = 3.684 mW/g

SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.287 mW/g

Maximum value of SAR (measured) = 1.97 mW/g



0 dB = 1.97 mW/g = 5.89 dB mW/g

#240 WLAN5G_802.11n(20M)_Edge 1_0cm_Ch108_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5540$ MHz; $\sigma = 5.862$ mho/m; $\epsilon_r = 47.743$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch108/Area Scan (61x261x1): Measurement grid: dx=10mm, dy=10mm

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

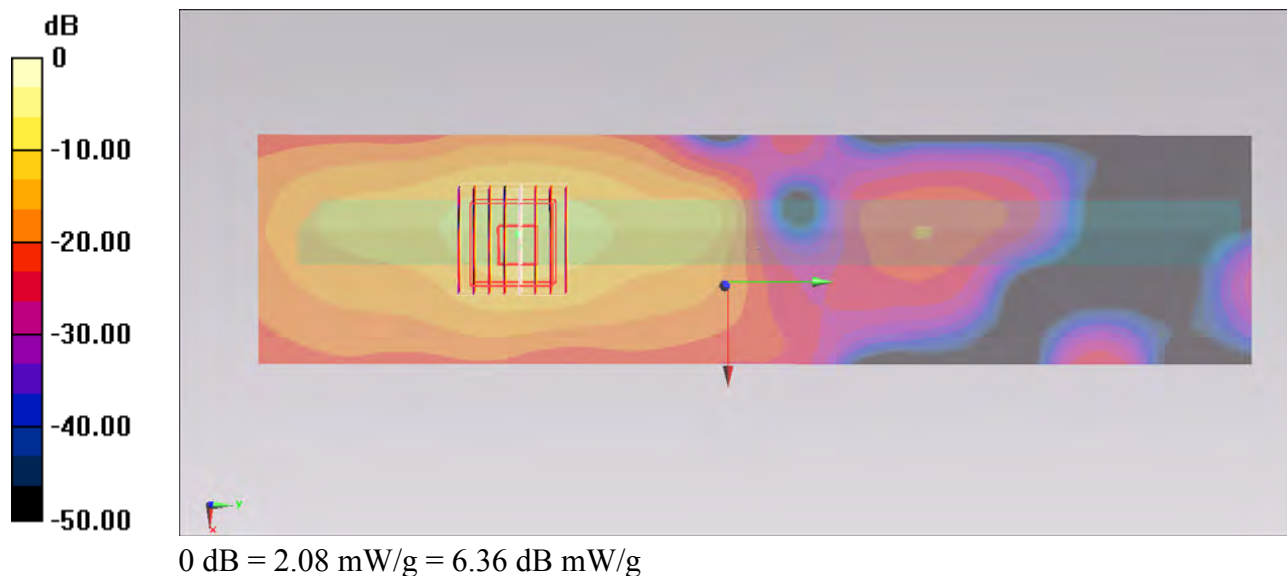
Ch108/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.462 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 3.854 mW/g

SAR(1 g) = 0.989 mW/g; SAR(10 g) = 0.299 mW/g

Maximum value of SAR (measured) = 2.08 mW/g



#241 WLAN5G_802.11n(20M)_Edge 1_0cm_Ch132_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5660$ MHz; $\sigma = 6.033$ mho/m; $\epsilon_r = 47.462$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch132/Area Scan (61x261x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.501 mW/g

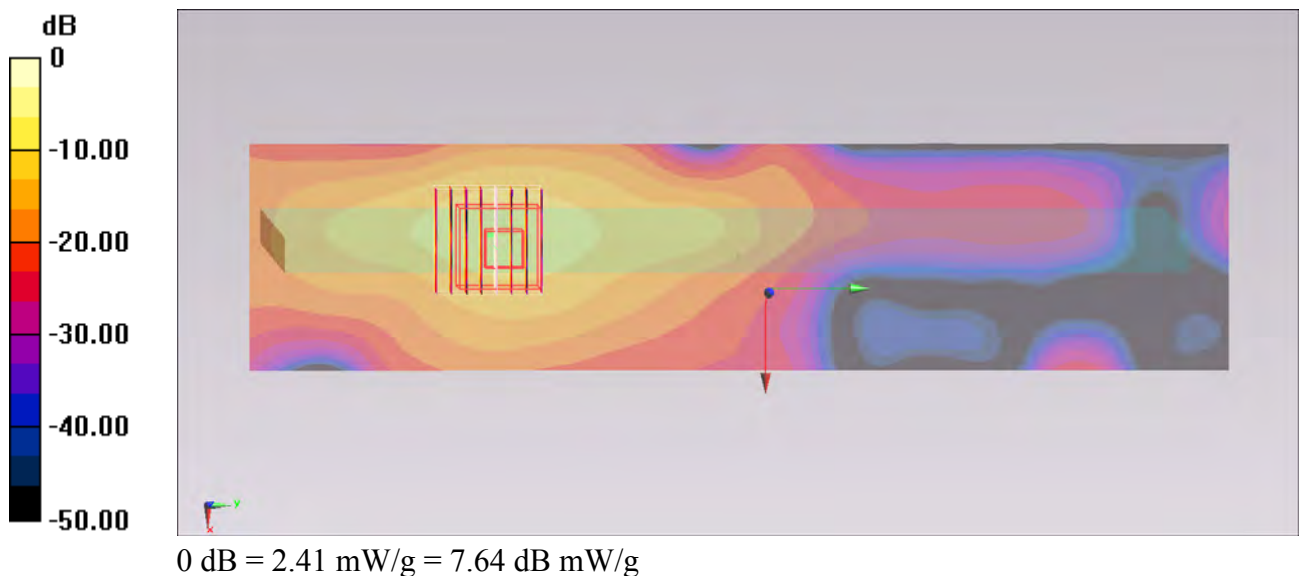
Ch132/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.233 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 4.740 mW/g

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.343 mW/g

Maximum value of SAR (measured) = 2.41 mW/g



#242 WLAN5G_802.11n(20M)_Edge 4_0cm_Ch116_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.917$ mho/m; $\epsilon_r = 47.63$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch116/Area Scan (61x201x1): Measurement grid: dx=10mm, dy=10mm

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

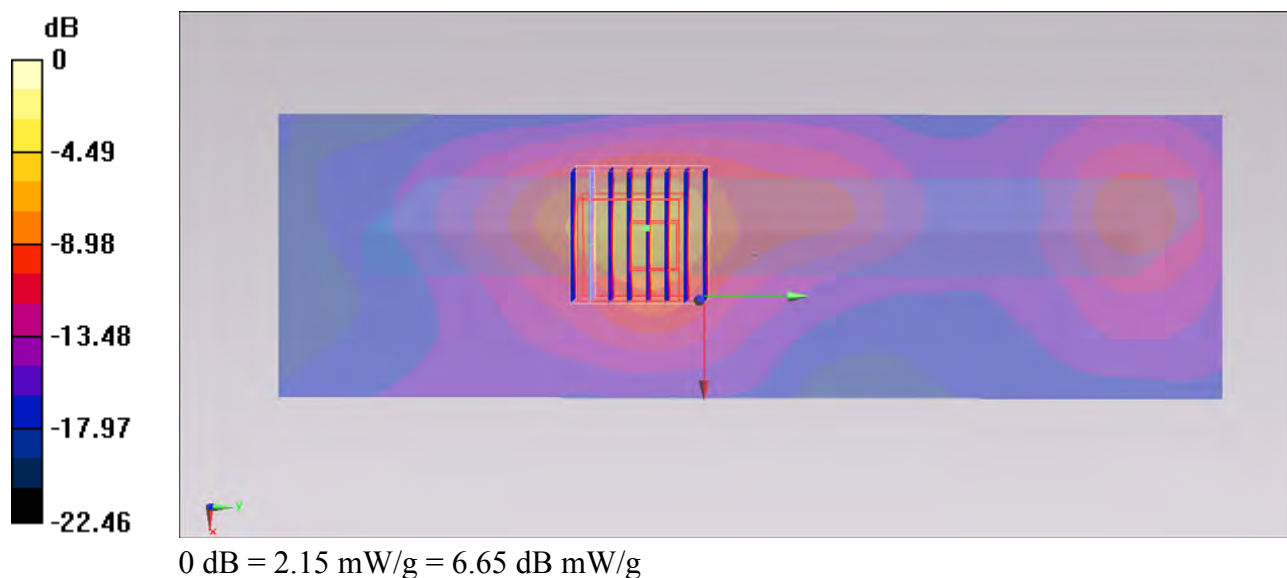
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.326 V/m; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 4.404 mW/g

SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.320 mW/g

Maximum value of SAR (measured) = 2.15 mW/g



#243 WLAN5G_802.11n(20M)_Edge 4_0cm_Ch108_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5540$ MHz; $\sigma = 5.862$ mho/m; $\epsilon_r = 47.743$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch108/Area Scan (61x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.535 mW/g

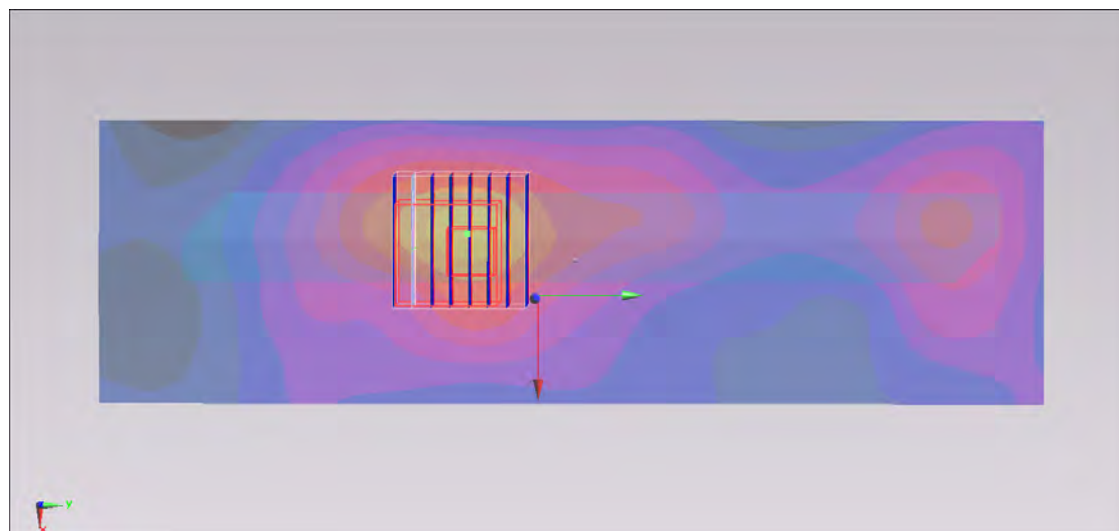
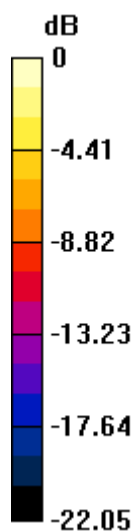
Ch108/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.524 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 4.682 mW/g

SAR(1 g) = 0.956 mW/g; SAR(10 g) = 0.326 mW/g

Maximum value of SAR (measured) = 2.30 mW/g



0 dB = 2.30 mW/g = 7.23 dB mW/g

#244 WLAN5G_802.11n(20M)_Edge 4_0cm_Ch132_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5660$ MHz; $\sigma = 6.033$ mho/m; $\epsilon_r = 47.462$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch132/Area Scan (61x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.525 mW/g

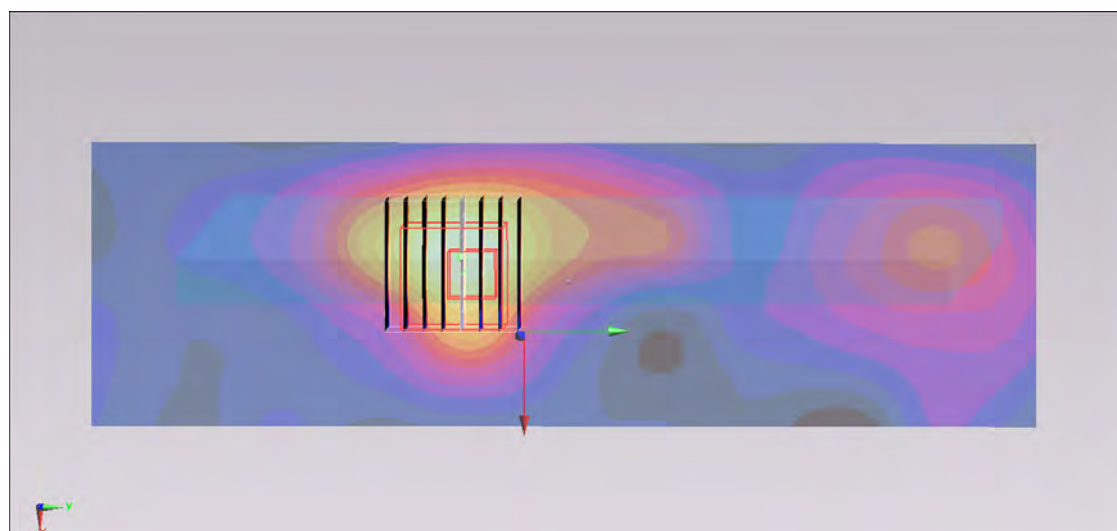
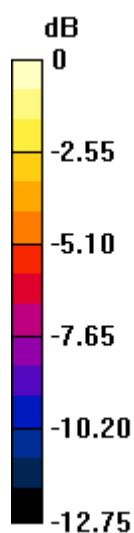
Ch132/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.423 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.989 mW/g

SAR(1 g) = 0.956 mW/g; SAR(10 g) = 0.286 mW/g

Maximum value of SAR (measured) = 2.08 mW/g



0 dB = 0.525 mW/g = -5.60 dB mW/g

#281 WLAN5G_802.11n(20M)_Edge4 Bottom Face_Tilted_0cm_Ch116_Ant1+2

DUT: 240709

Communication System: 802.11n; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120913 Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.84 \text{ mho/m}$; $\epsilon_r = 48.3$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch116/Area Scan (201x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.911 mW/g

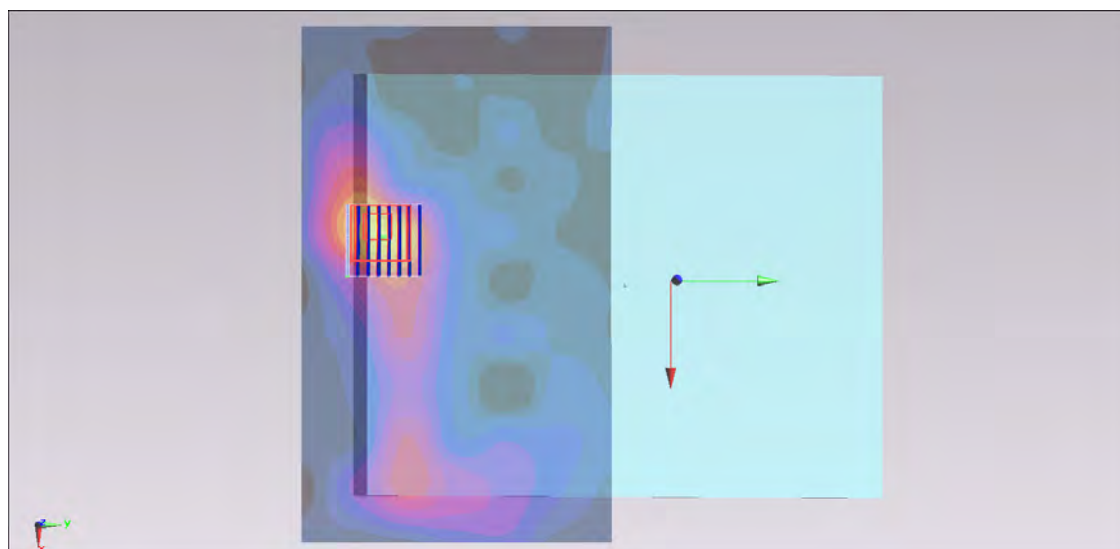
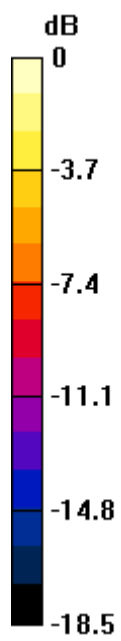
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 2.92 V/m ; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 3.51 W/kg

SAR(1 g) = 0.942 mW/g ; SAR(10 g) = 0.296 mW/g

Maximum value of SAR (measured) = 1.99 mW/g



0 dB = 1.99mW/g

#293 WLAN5G_802.11n(20M)_Edge4 Bottom Face_Tilted_0cm_Ch108_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120914 Medium parameters used: $f = 5540$ MHz; $\sigma = 5.635$ mho/m; $\epsilon_r = 47.797$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch108/Area Scan (201x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.955 mW/g

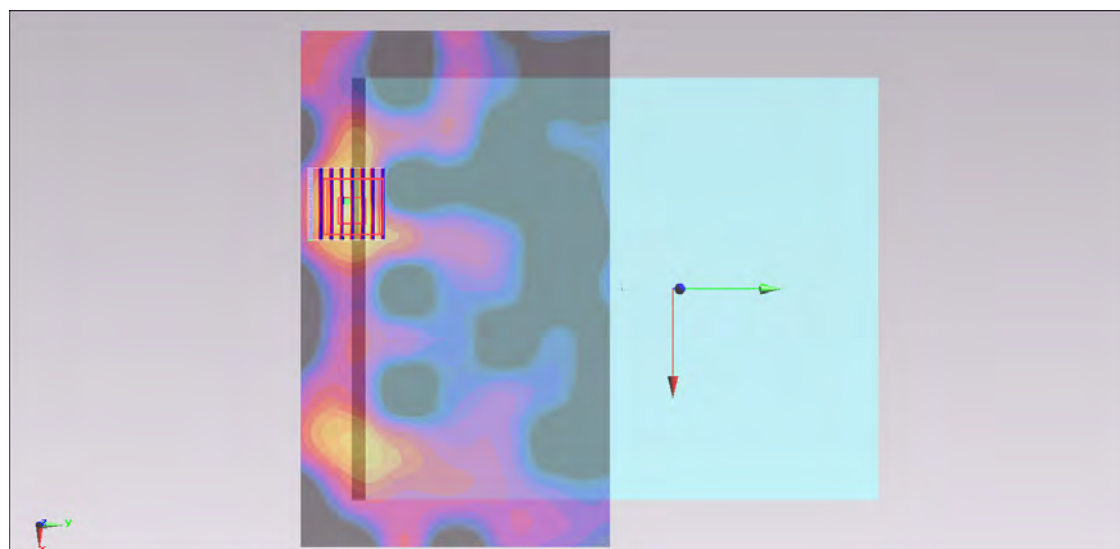
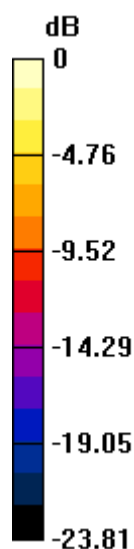
Ch108/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.121 V/m; Power Drift = 0.147 dB

Peak SAR (extrapolated) = 3.047 mW/g

SAR(1 g) = 0.832 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 1.67 mW/g



0 dB = 1.67 mW/g = 4.45 dB mW/g

#295 WLAN5G_802.11n(20M)_Edge4 Bottom Face_Tilted_0cm_Ch132_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120914 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.806$ mho/m; $\epsilon_r = 47.517$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch132/Area Scan (201x121x1): Measurement grid: dx=10mm, dy=10mm

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

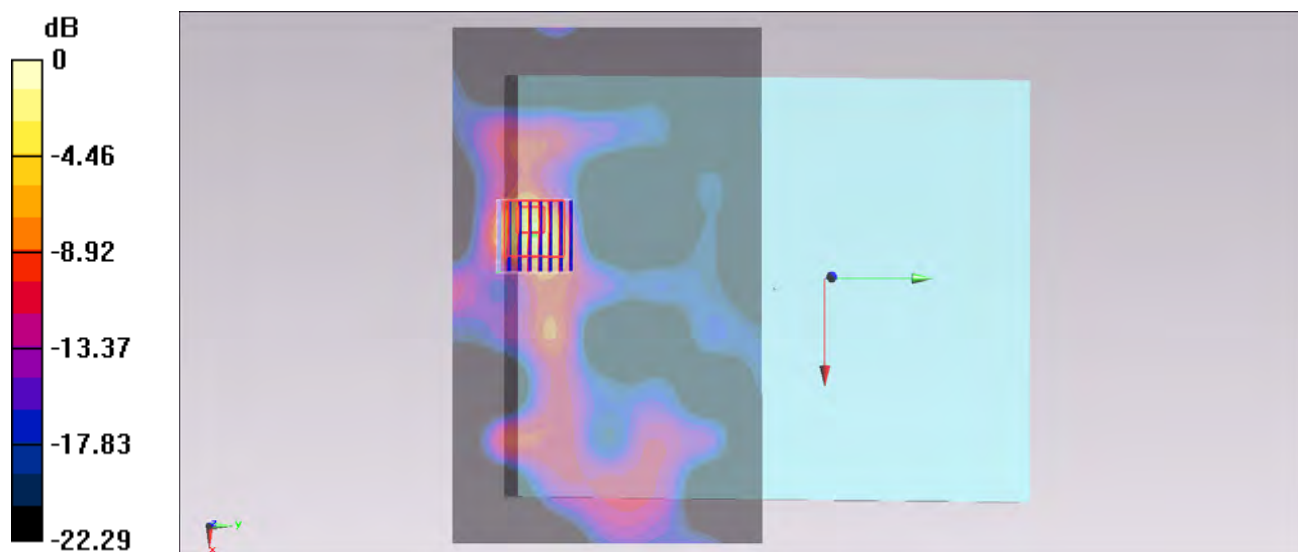
/Ch132/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.029 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 3.384 mW/g

SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 1.80 mW/g



0 dB = 1.80 mW/g = 5.11 dB mW/g

#292 WLAN5G_802.11n(20M)_Edge1 Bottom Face_Tilted_0cm_Ch116_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120914 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.688$ mho/m; $\epsilon_r = 47.693$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch116/Area Scan (61x261x1): Measurement grid: dx=10mm, dy=10mm

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

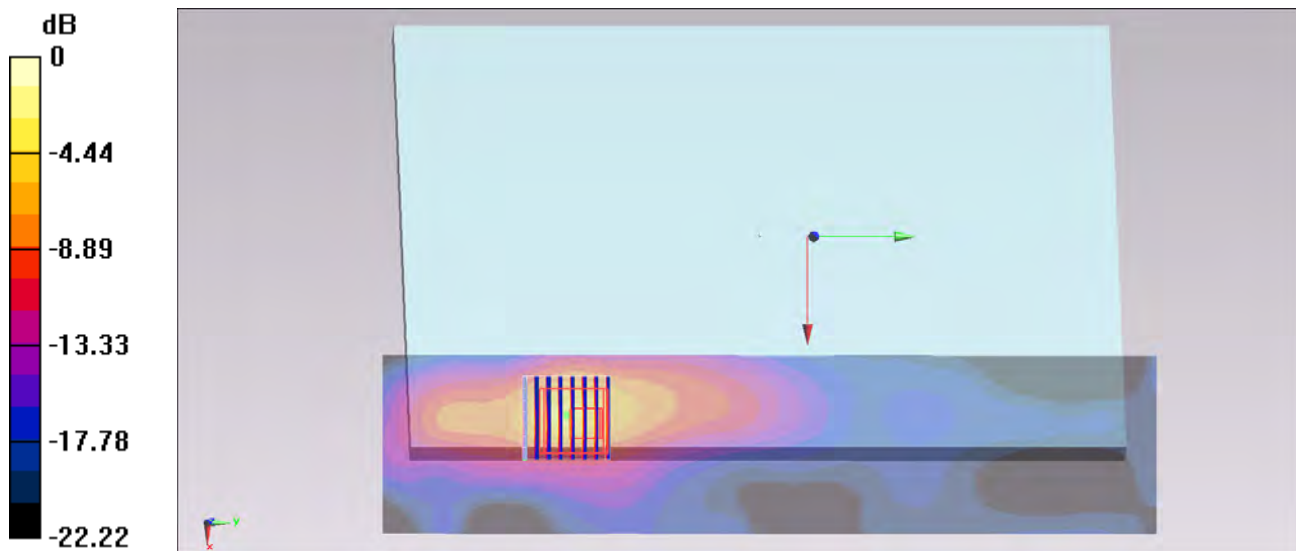
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.045 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 4.757 mW/g

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 2.61 mW/g



0 dB = 2.61 mW/g = 8.33 dB mW/g

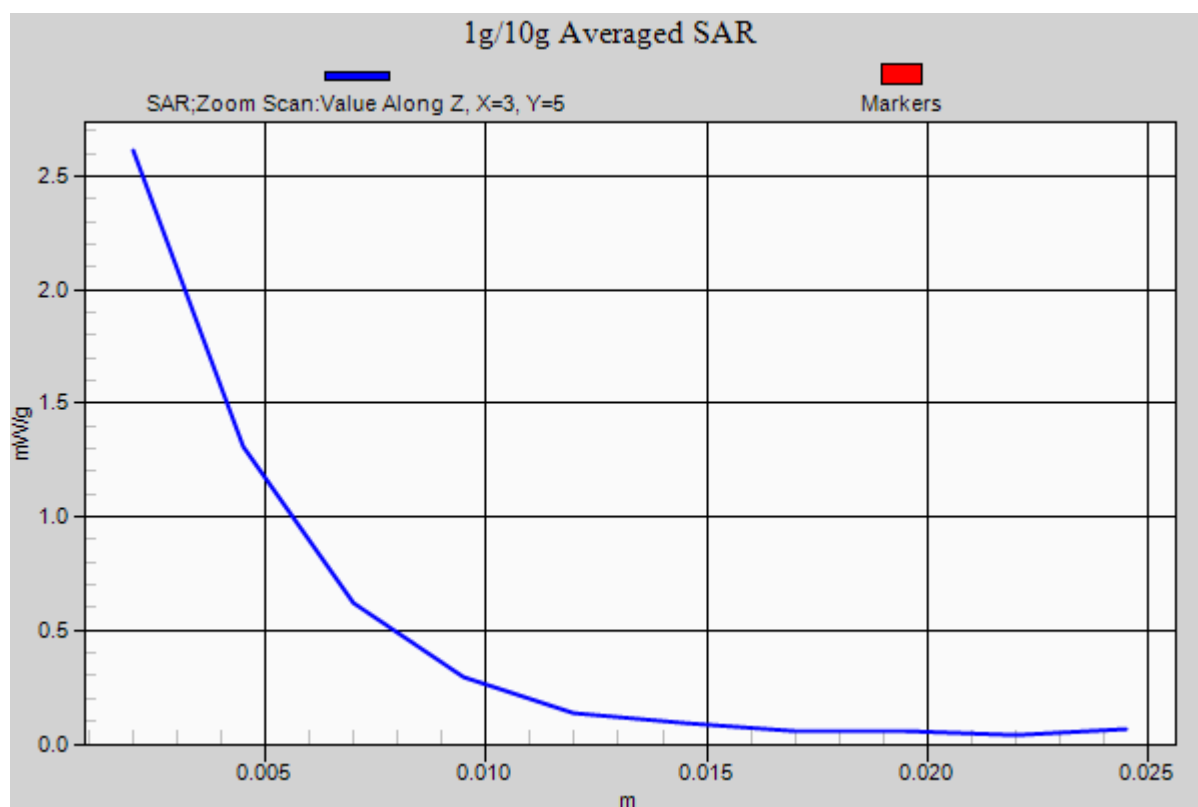
#292 WLAN5G_802.11n(20M)_Edge1 Bottom Face_Tilted_0cm_Ch116_Ant1+2_2D**DUT: 240709**

Communication System: 802.11n; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120914 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.688$ mho/m; $\epsilon_r = 47.693$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch116/Area Scan (61x261x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 1.09 mW/g **Ch116/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 3.045 V/m ; Power Drift = -0.119 dB Peak SAR (extrapolated) = 4.757 mW/g **SAR(1 g) = 1.28 mW/g ; SAR(10 g) = 0.376 mW/g** Maximum value of SAR (measured) = 2.61 mW/g 

#294 WLAN5G_802.11n(20M)_Edge1 Bottom Face_Tilted_0cm_Ch108_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120914 Medium parameters used: $f = 5540$ MHz; $\sigma = 5.635$ mho/m; $\epsilon_r = 47.797$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch108/Area Scan (61x261x1): Measurement grid: dx=10mm, dy=10mm

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

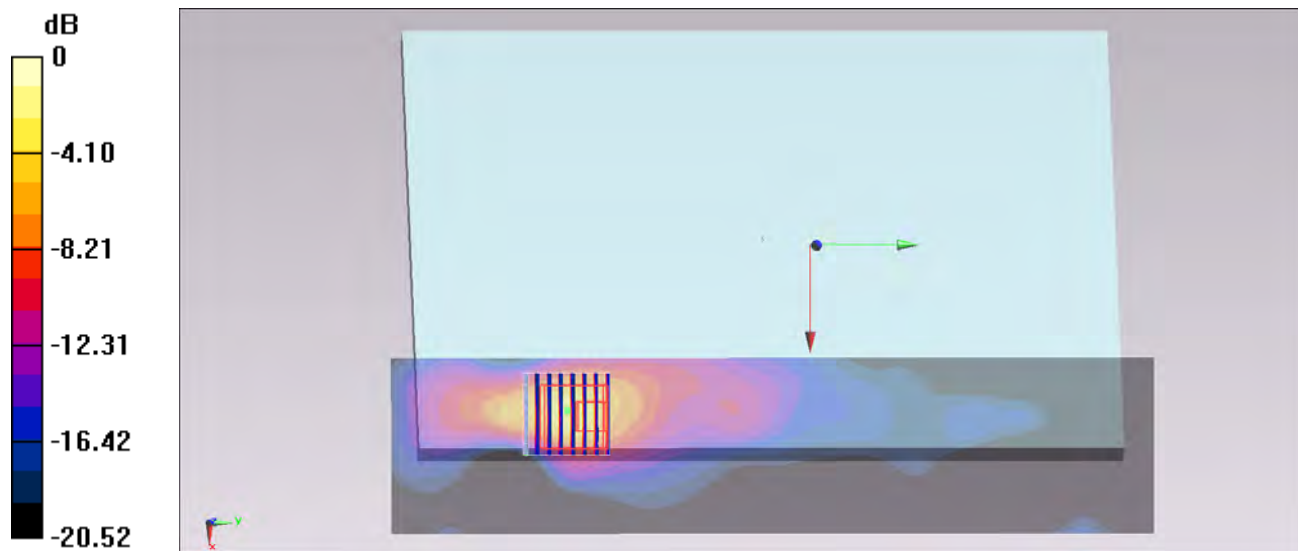
Ch108/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.129 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 4.183 mW/g

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.310 mW/g

Maximum value of SAR (measured) = 2.18 mW/g



0 dB = 2.18 mW/g = 6.77 dB mW/g

#296 WLAN5G_802.11n(20M)_Edge1 Bottom Face_Tilted_0cm_Ch132_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120914 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.806$ mho/m; $\epsilon_r = 47.517$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch132/Area Scan (81x261x1): Measurement grid: dx=10mm, dy=10mm

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

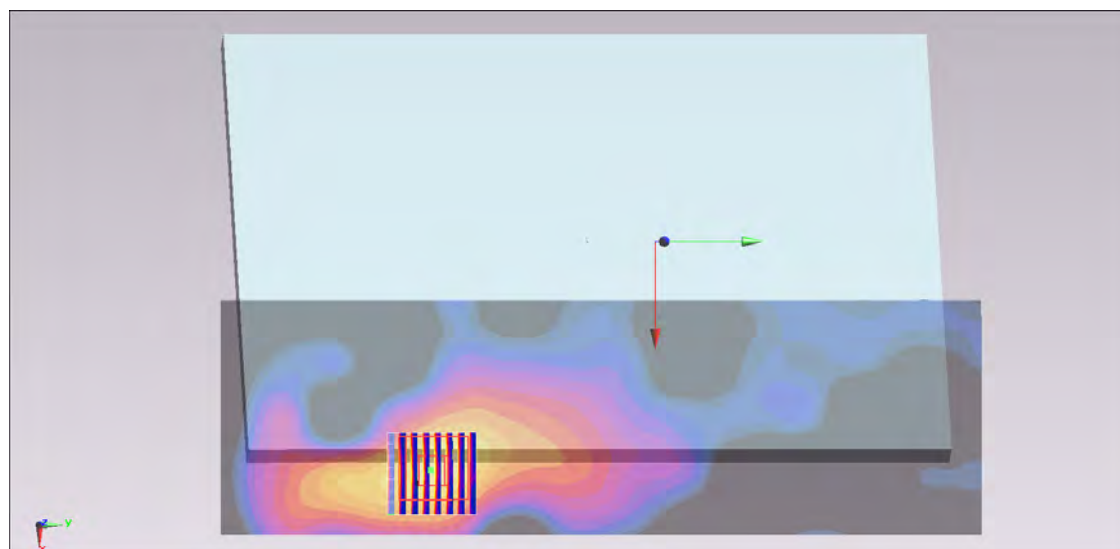
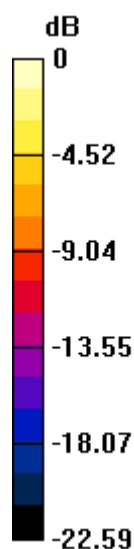
Ch132/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.979 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 4.473 mW/g

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.387 mW/g

Maximum value of SAR (measured) = 2.45 mW/g



0 dB = 2.45 mW/g = 7.78 dB mW/g

#205 WLAN5G_802.11n(20M)_Bottom Face_0cm_Ch157_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.205$ mho/m; $\epsilon_r = 47.176$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch157/Area Scan (181x281x1): Measurement grid: dx=10mm, dy=10mm

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

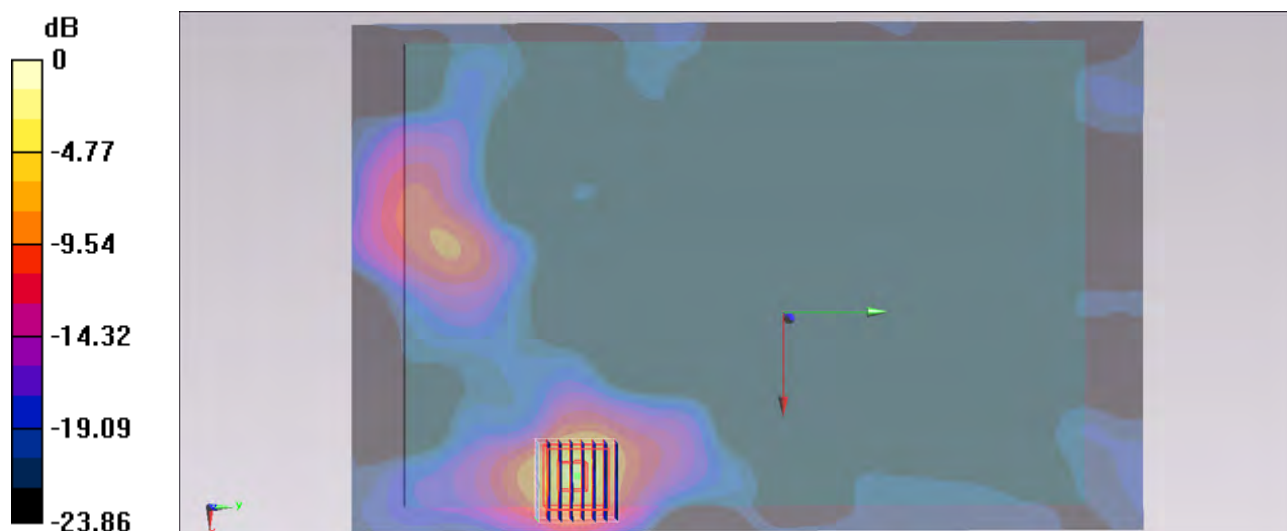
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.625 V/m; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 5.141 mW/g

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.386 mW/g

Maximum value of SAR (measured) = 2.68 mW/g



0 dB = 2.68 mW/g = 8.56 dB mW/g

#205 WLAN5G_802.11n(20M)_Bottom Face_0cm_Ch157_Ant 1+2_2D**DUT: 240709**

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.205$ mho/m; $\epsilon_r = 47.176$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch157/Area Scan (181x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.42 mW/g

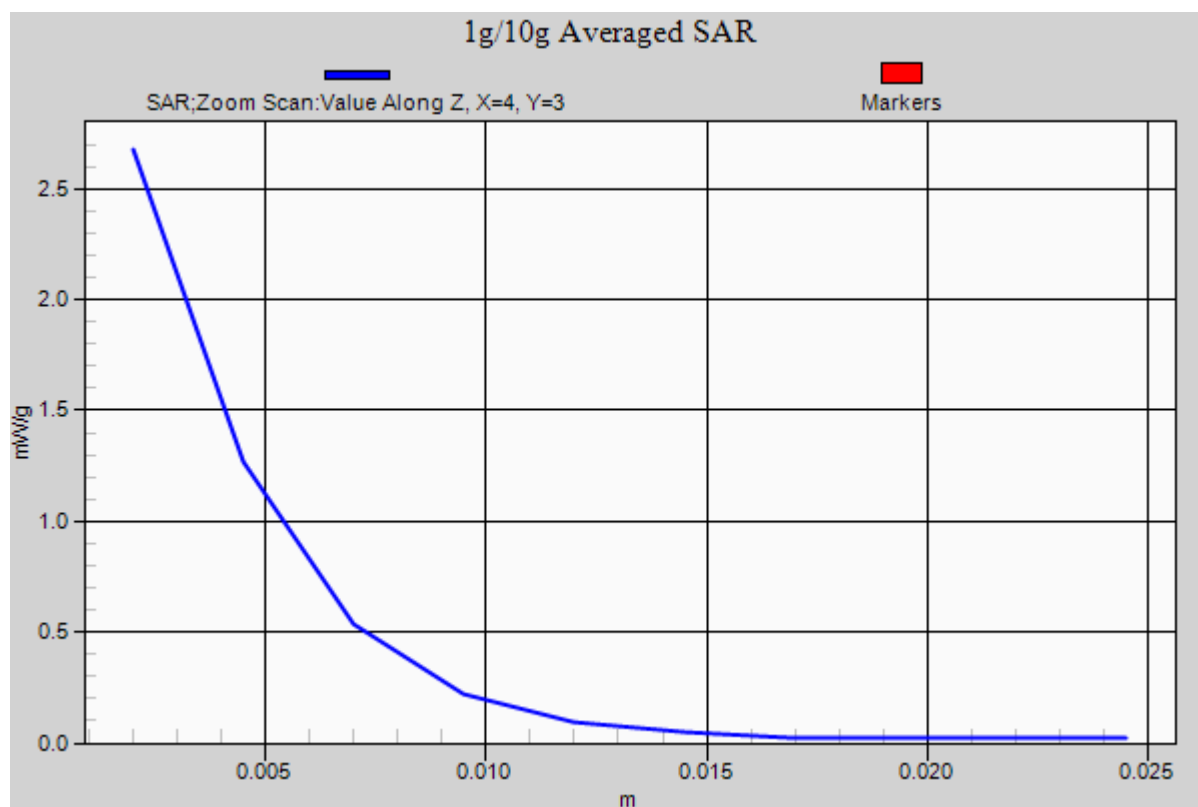
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.625 V/m; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 5.141 mW/g

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.386 mW/g

Maximum value of SAR (measured) = 2.68 mW/g



#230 WLAN5G_802.11n(20M)_Bottom Face_0cm_Ch153_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5765$ MHz; $\sigma = 6.185$ mho/m; $\epsilon_r = 47.239$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch153/Area Scan (181x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.551 mW/g

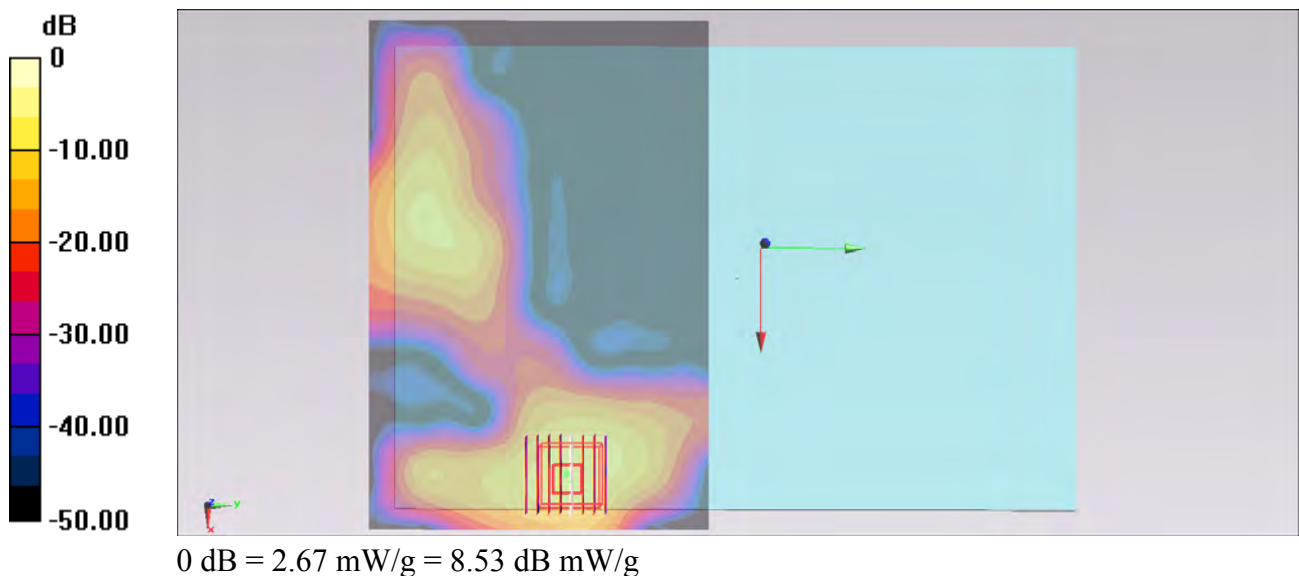
Ch153/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.074 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 5.217 mW/g

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.373 mW/g

Maximum value of SAR (measured) = 2.67 mW/g



#263 WLAN5G_802.11n(20M)_Bottom Face_0cm_Ch161_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.228$ mho/m; $\epsilon_r = 47.111$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch161/Area Scan (181x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.51 mW/g

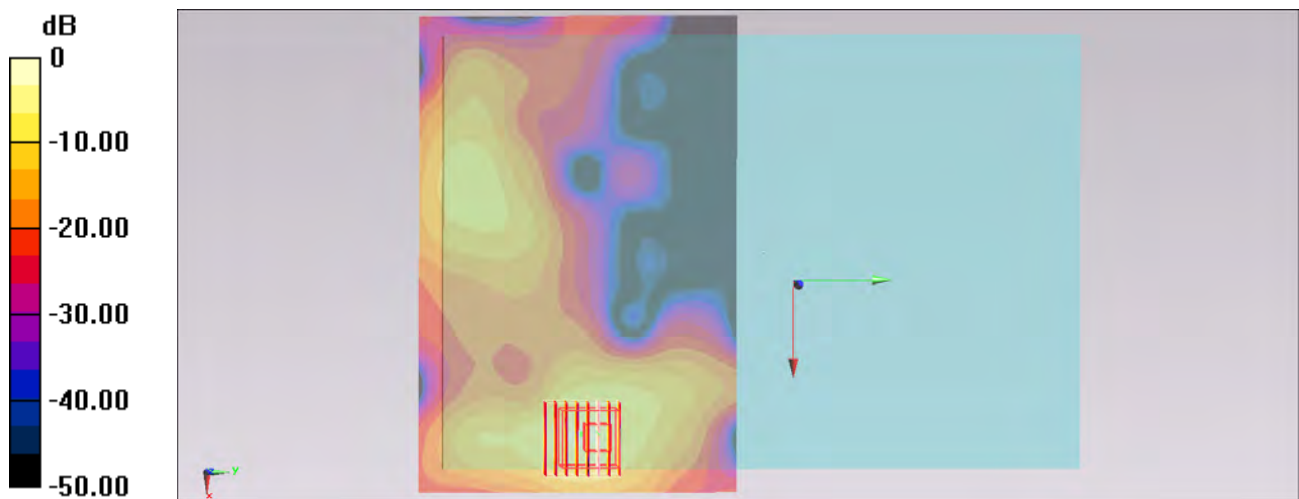
Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 5.193 mW/g

SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.359 mW/g

Maximum value of SAR (measured) = 2.69 mW/g



#206 WLAN5G_802.11n(20M)_Edge 1_0cm_Ch157_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.205$ mho/m; $\epsilon_r = 47.176$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch157/Area Scan (61x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.446 mW/g

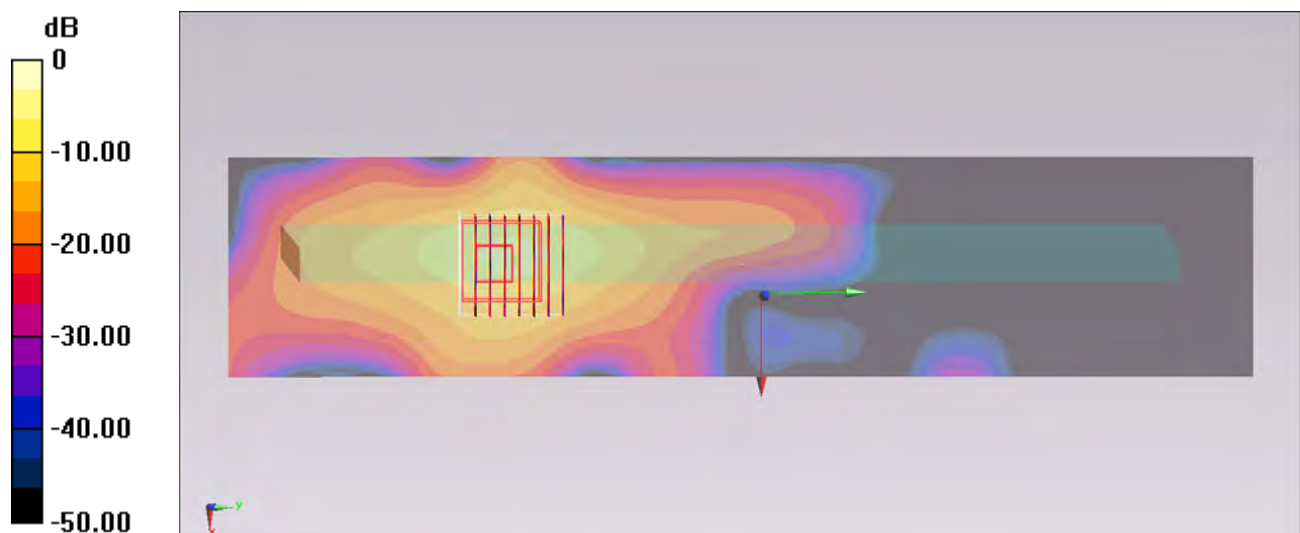
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.448 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 3.081 mW/g

SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 1.62 mW/g



0 dB = 1.62 mW/g = 4.19 dB mW/g

#238 WLAN5G_802.11n(20M)_Edge 4_0cm_Ch157_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.205$ mho/m; $\epsilon_r = 47.176$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch157/Area Scan (61x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.530 mW/g

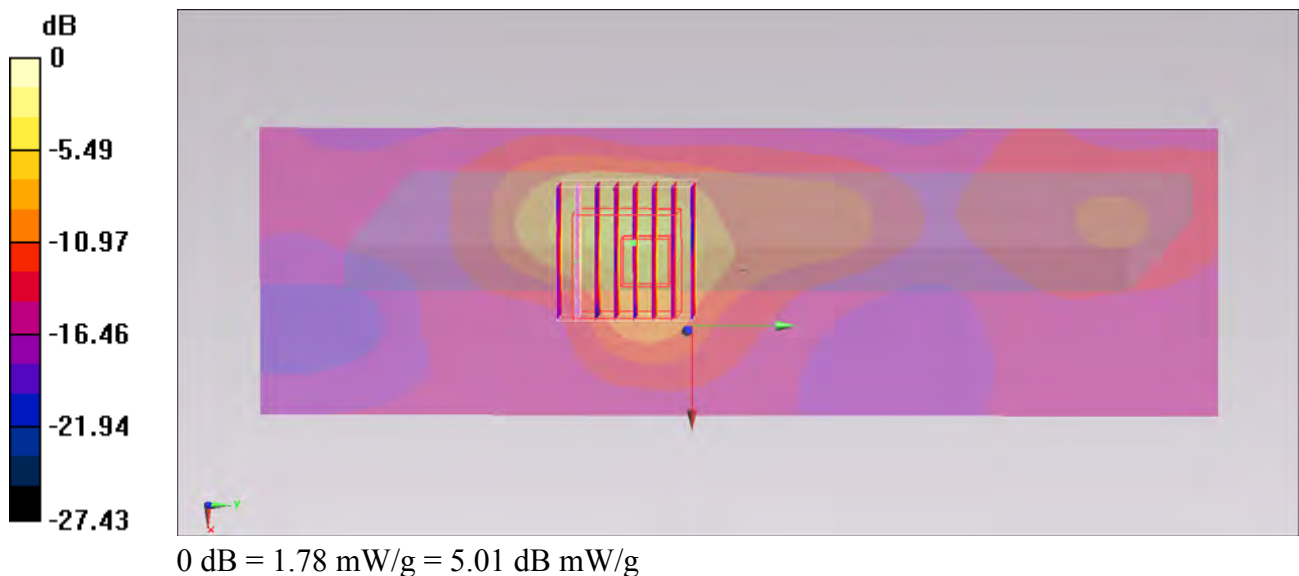
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.723 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.712 mW/g

SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.288 mW/g

Maximum value of SAR (measured) = 1.78 mW/g



#239 WLAN5G_802.11n(20M)_Edge 4_0cm_Ch153_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5765$ MHz; $\sigma = 6.185$ mho/m; $\epsilon_r = 47.239$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch153/Area Scan (61x201x1): Measurement grid: dx=10mm, dy=20mm

Maximum value of SAR (interpolated) = 0.496 mW/g

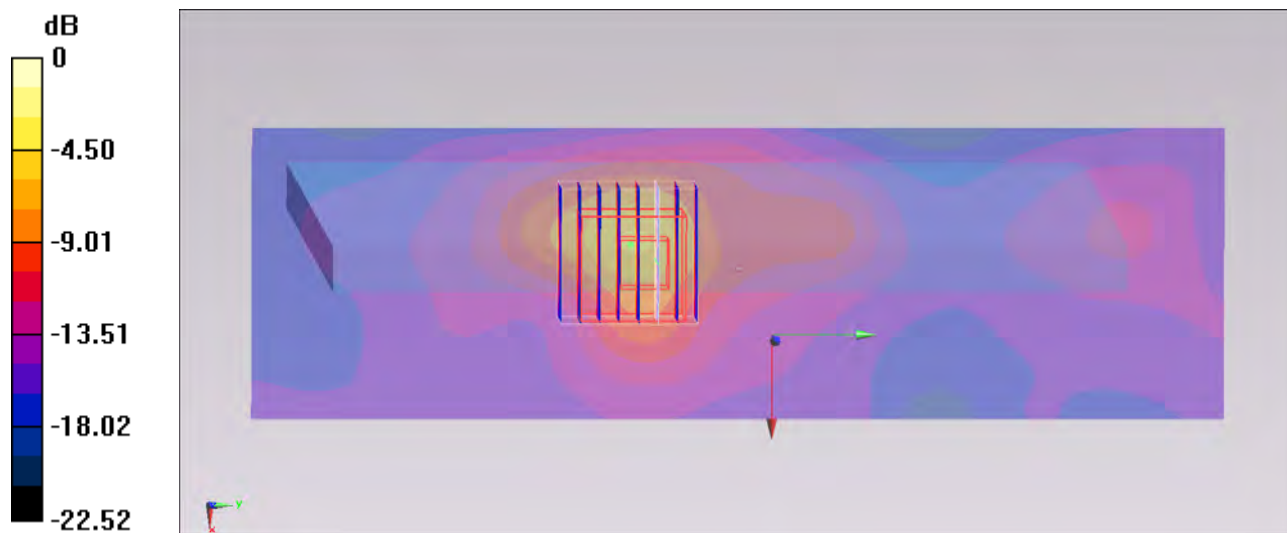
Ch153/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.800 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.633 mW/g

SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.302 mW/g

Maximum value of SAR (measured) = 1.87 mW/g



0 dB = 1.87 mW/g = 5.44 dB mW/g

#261 WLAN5G_802.11n(20M)_Edge 4_0cm_Ch161_Ant 1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120724 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.228$ mho/m; $\epsilon_r = 47.111$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

Ch161/Area Scan (61x201x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.699 mW/g

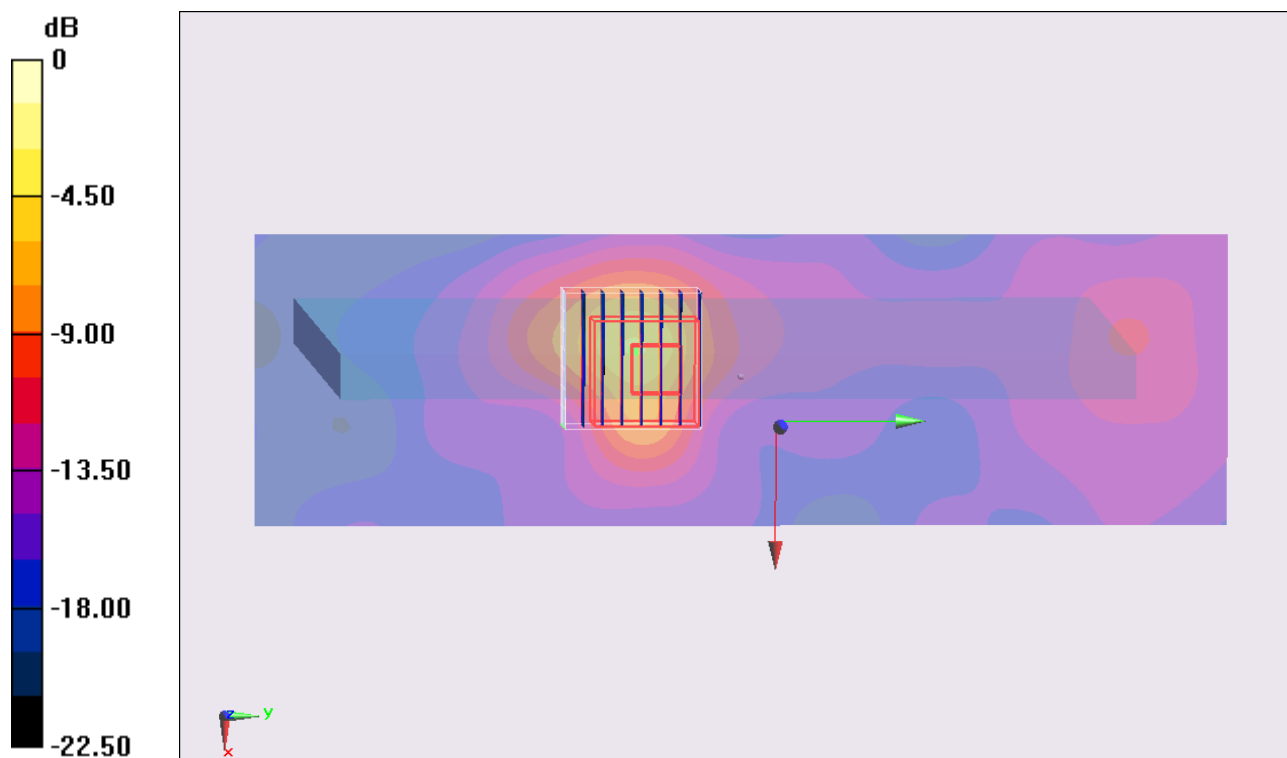
Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.134 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.721 mW/g

SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 1.90 mW/g



#282 WLAN5G_802.11n(20M)_Edge4 Bottom Face_Tilted_0cm_Ch157_Ant1+2

DUT: 240709

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120913 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.11 \text{ mho/m}$; $\epsilon_r = 47.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch157/Area Scan (201x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.4 mW/g

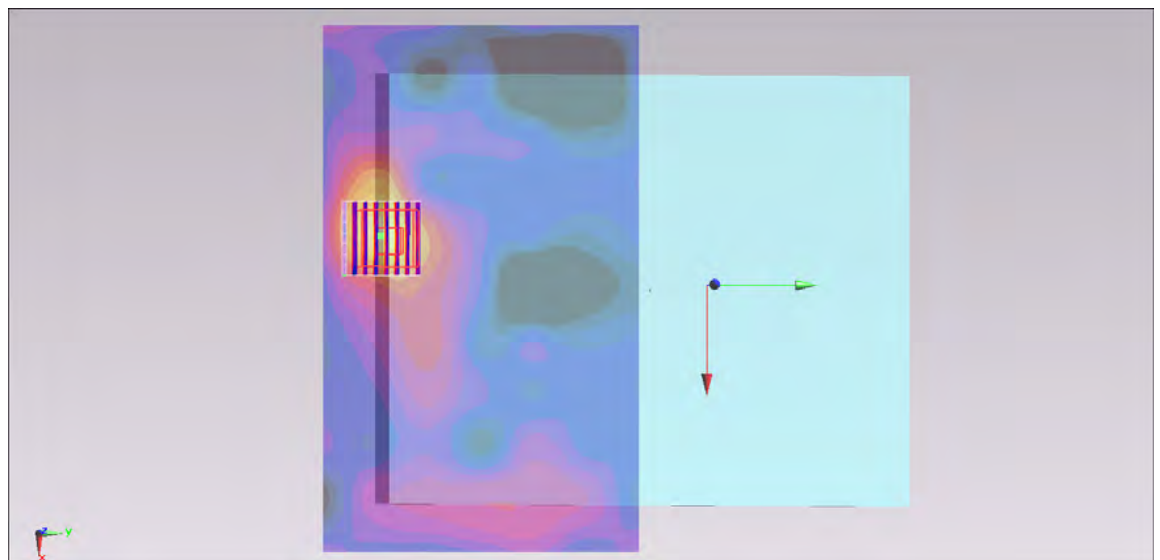
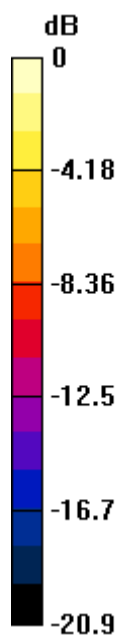
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 2.95 V/m ; Power Drift = 0.054 dB

Peak SAR (extrapolated) = 3.61 W/kg

SAR(1 g) = 0.918 mW/g ; SAR(10 g) = 0.290 mW/g

Maximum value of SAR (measured) = 1.8 mW/g



0 dB = 1.8mW/g

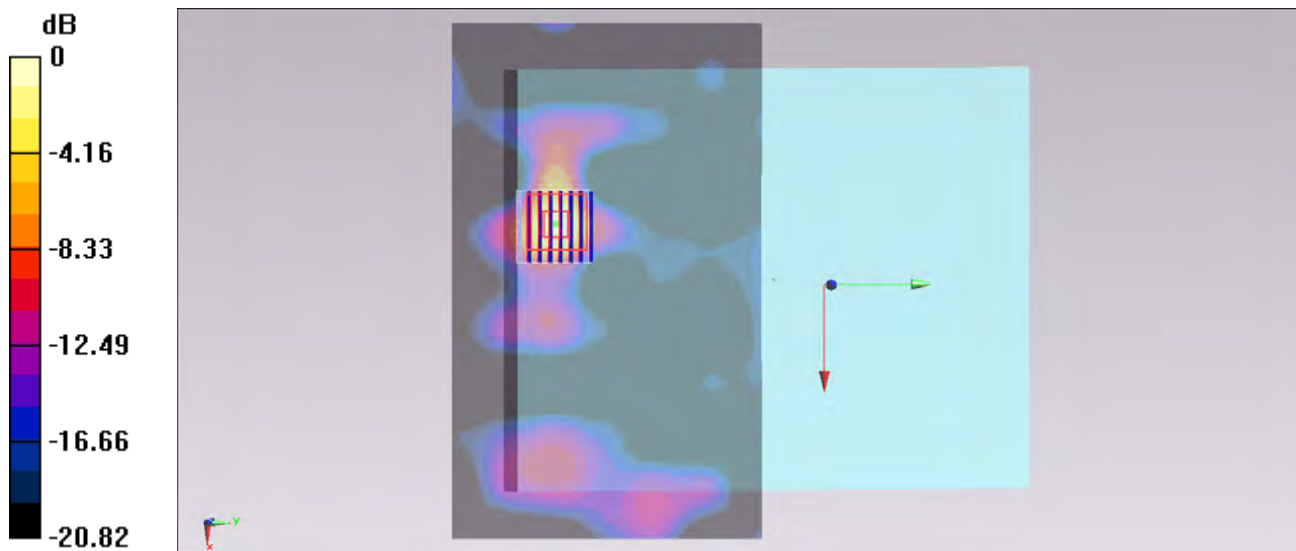
#300 WLAN5G_802.11n(20M)_Edge4 Bottom Face_Tilted_0cm_Ch153_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120915 Medium parameters used : $f = 5765$ MHz; $\sigma = 5.941$ mho/m; $\epsilon_r = 47.305$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch153/Area Scan (201x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 1.57 mW/g **Ch153/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 1.979 V/m ; Power Drift = 0.050 dB Peak SAR (extrapolated) = 2.772 mW/g **SAR(1 g) = 0.744 mW/g ; SAR(10 g) = 0.228 mW/g** Maximum value of SAR (measured) = 1.55 mW/g  $0 \text{ dB} = 1.55 \text{ mW/g} = 3.81 \text{ dB mW/g}$

#301 WLAN5G_802.11n(20M)_Edge4 Bottom Face_Tilted_0cm_Ch161_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120915 Medium parameters used : $f = 5805$ MHz; $\sigma = 5.984$ mho/m; $\epsilon_r = 47.138$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch161/Area Scan (201x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.808 mW/g

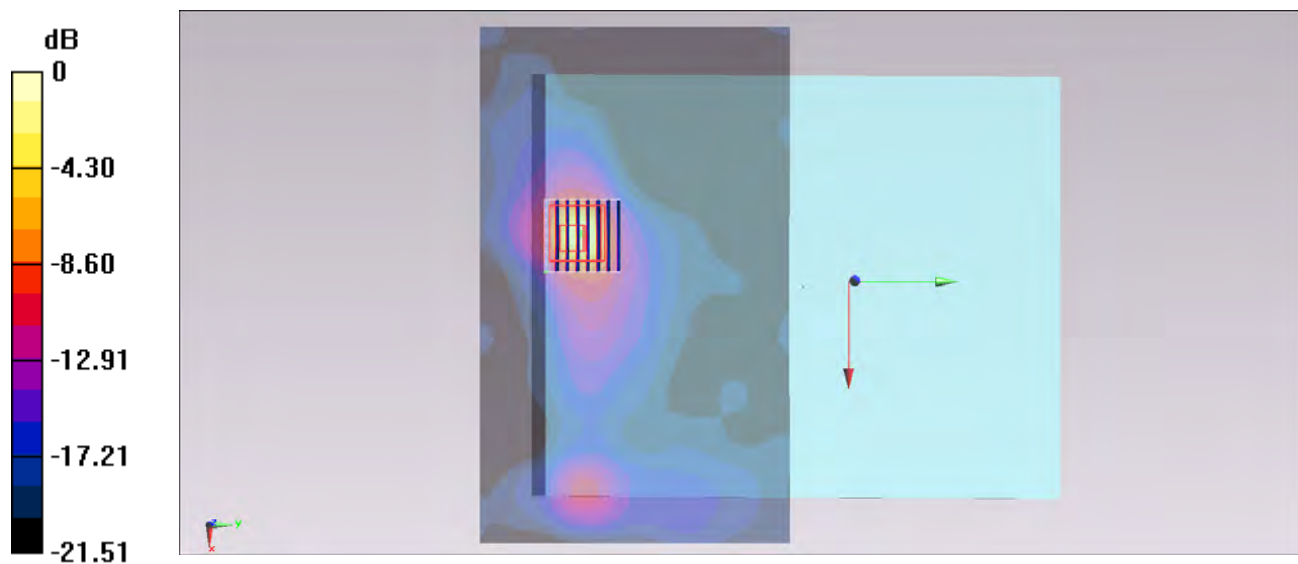
Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.506 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.655 mW/g

SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.215 mW/g

Maximum value of SAR (measured) = 1.44 mW/g



0 dB = 1.44 mW/g = 3.17 dB mW/g

#297 WLAN5G_802.11n(20M)_Edge1 Bottom Face_Tilted_0cm_Ch157_Ant1+2

DUT: 240709

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120917 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.1 \text{ mho/m}$; $\epsilon_r = 47.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch157/Area Scan (81x261x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.72 mW/g

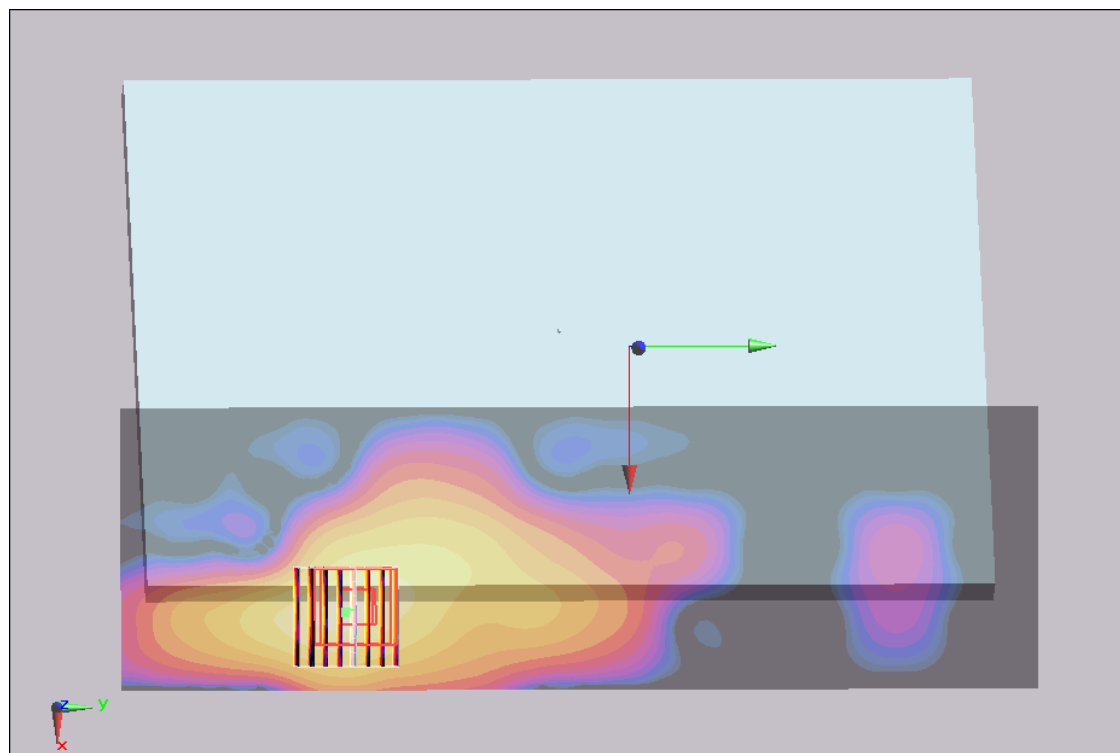
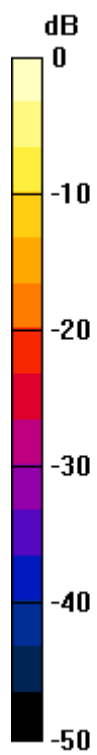
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0.532 V/m ; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 4.86 W/kg

SAR(1 g) = 1.11 mW/g ; SAR(10 g) = 0.361 mW/g

Maximum value of SAR (measured) = 2.67 mW/g



0 dB = 2.67mW/g

#297 WLAN5G_802.11n(20M)_Edge1 Bottom Face_Tilted_0cm_Ch157_Ant1+2_2D**DUT: 240709**

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120917 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.1$ mho/m; $\epsilon_r = 47.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch157/Area Scan (81x261x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.72 mW/g

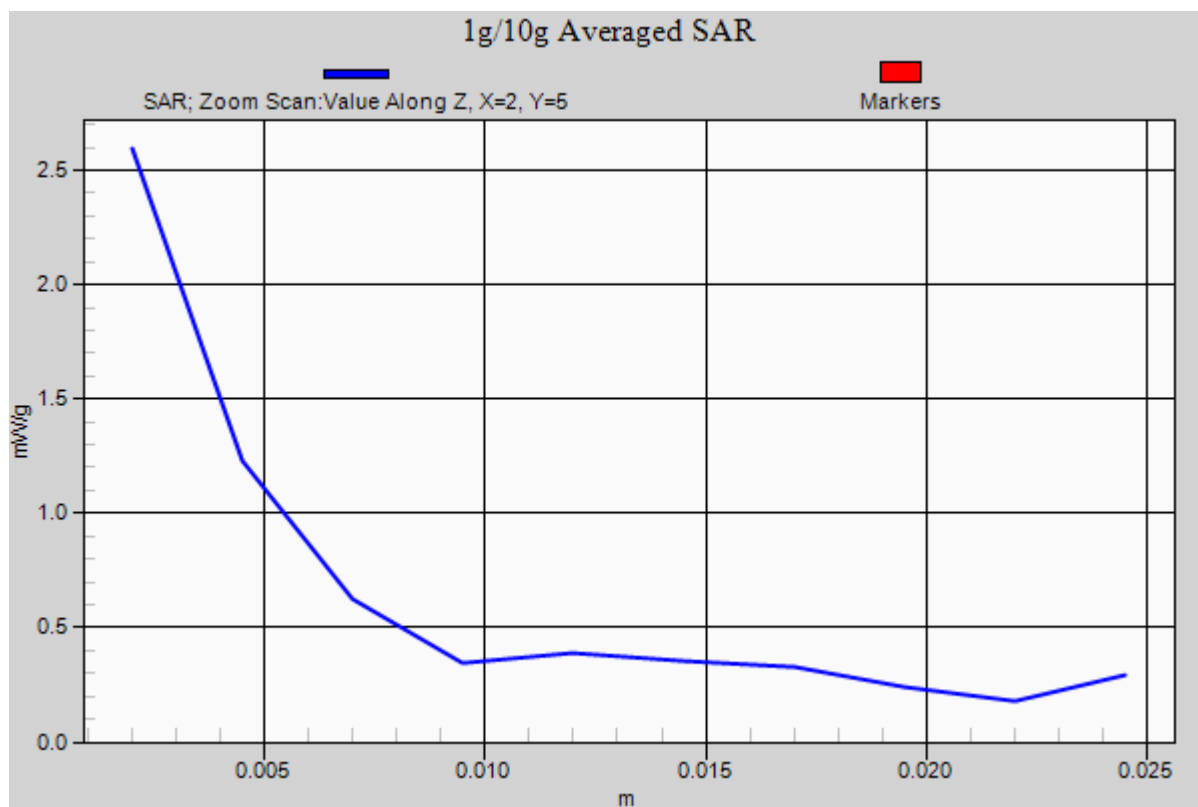
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.532 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 4.86 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.361 mW/g

Maximum value of SAR (measured) = 2.67 mW/g



#298 WLAN5G_802.11n(20M)_Edge1 Bottom Face_Tilted_0cm_Ch153_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120915 Medium parameters used : $f = 5765$ MHz; $\sigma = 5.941$ mho/m; $\epsilon_r = 47.305$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch153/Area Scan (81x261x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.804 mW/g

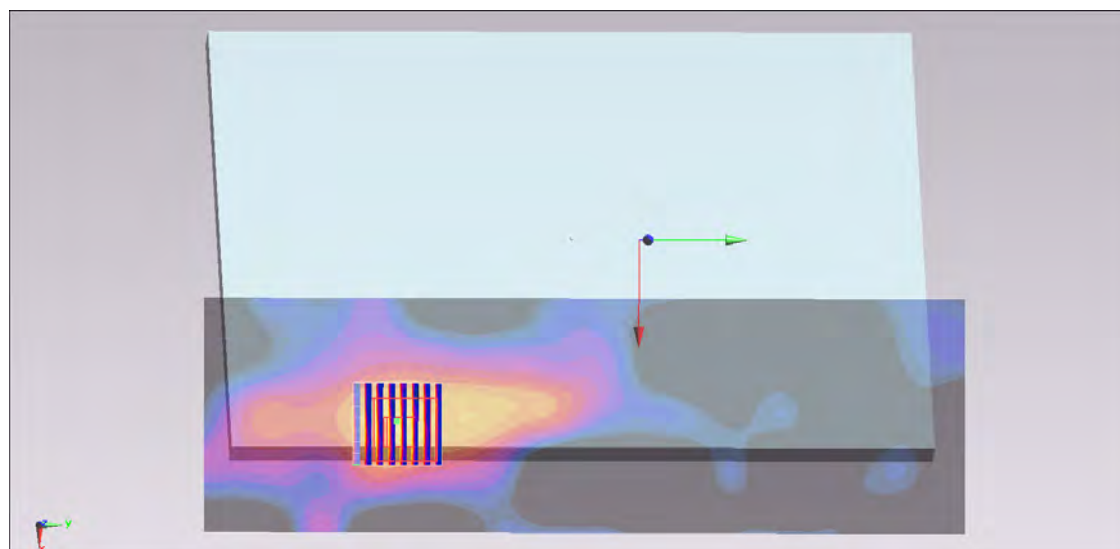
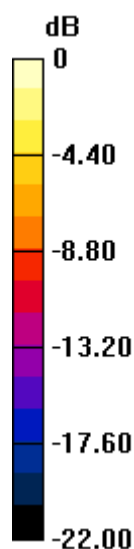
Ch153/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.552 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 3.804 mW/g

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 2.09 mW/g



0 dB = 2.09 mW/g = 6.40 dB mW/g

#299 WLAN5G_802.11n(20M)_Edge1 Bottom Face_Tilted_0cm_Ch161_Ant1+2**DUT: 240709**

Communication System: 802.11n; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120915 Medium parameters used : $f = 5805$ MHz; $\sigma = 5.984$ mho/m; $\epsilon_r = 47.138$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch161/Area Scan (41x131x1): Measurement grid: dx=10mm, dy=10mm.

Maximum value of SAR (interpolated) = 1.23 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.273 V/m; Power Drift = 0.062 dB

Peak SAR (extrapolated) = 4.548 mW/g

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.366 mW/g

Maximum value of SAR (measured) = 2.53 mW/g

