

#47 GSM850_GPRS10_Bottom Face_0.8cm_Ch189

DUT: 290555

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

Medium: MSL_850_120908 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: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- 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 (101x141x1): Measurement grid: dx=20mm, dy=20mm

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

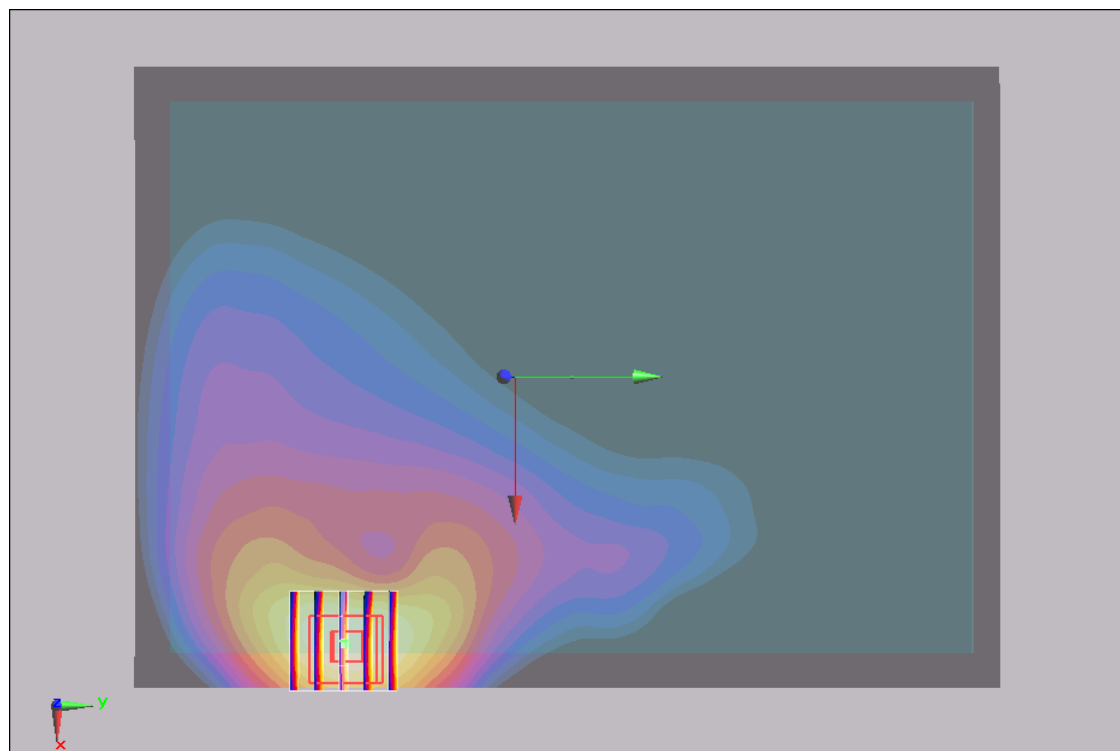
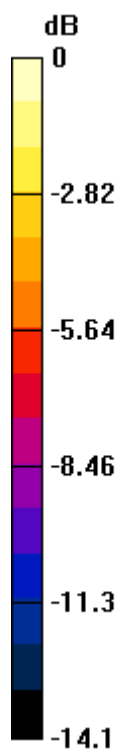
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.84 V/m; Power Drift = -0.163 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.725 mW/g

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



0 dB = 1.34mW/g

#53 GSM850_GPRS10_Bottom Face_0.8cm_Ch128

DUT: 290555

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

Medium: MSL_850_120908 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: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

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

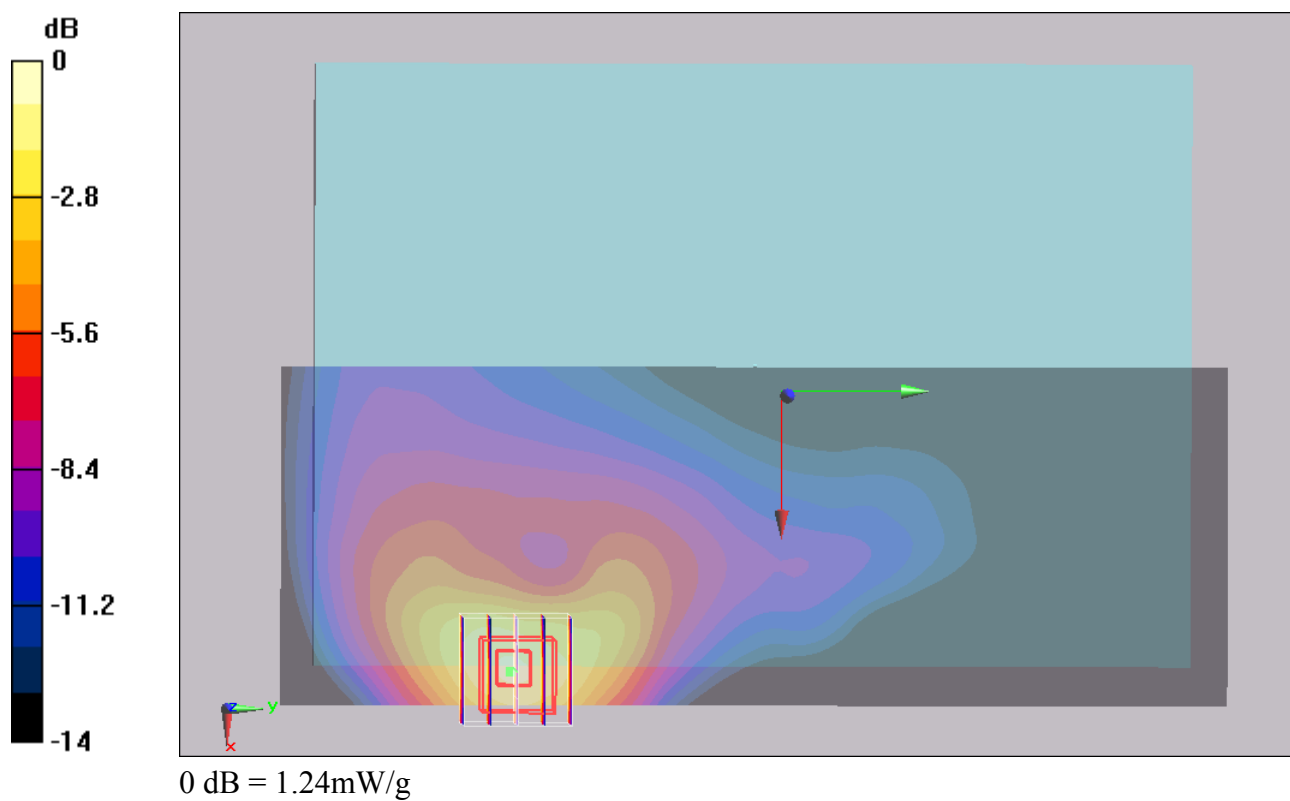
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.5 V/m; Power Drift = -0.124 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.663 mW/g

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



#54 GSM850_GPRS10_Bottom Face_0.8cm_Ch251

DUT: 290555

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

Medium: MSL_850_120908 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: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.23 mW/g

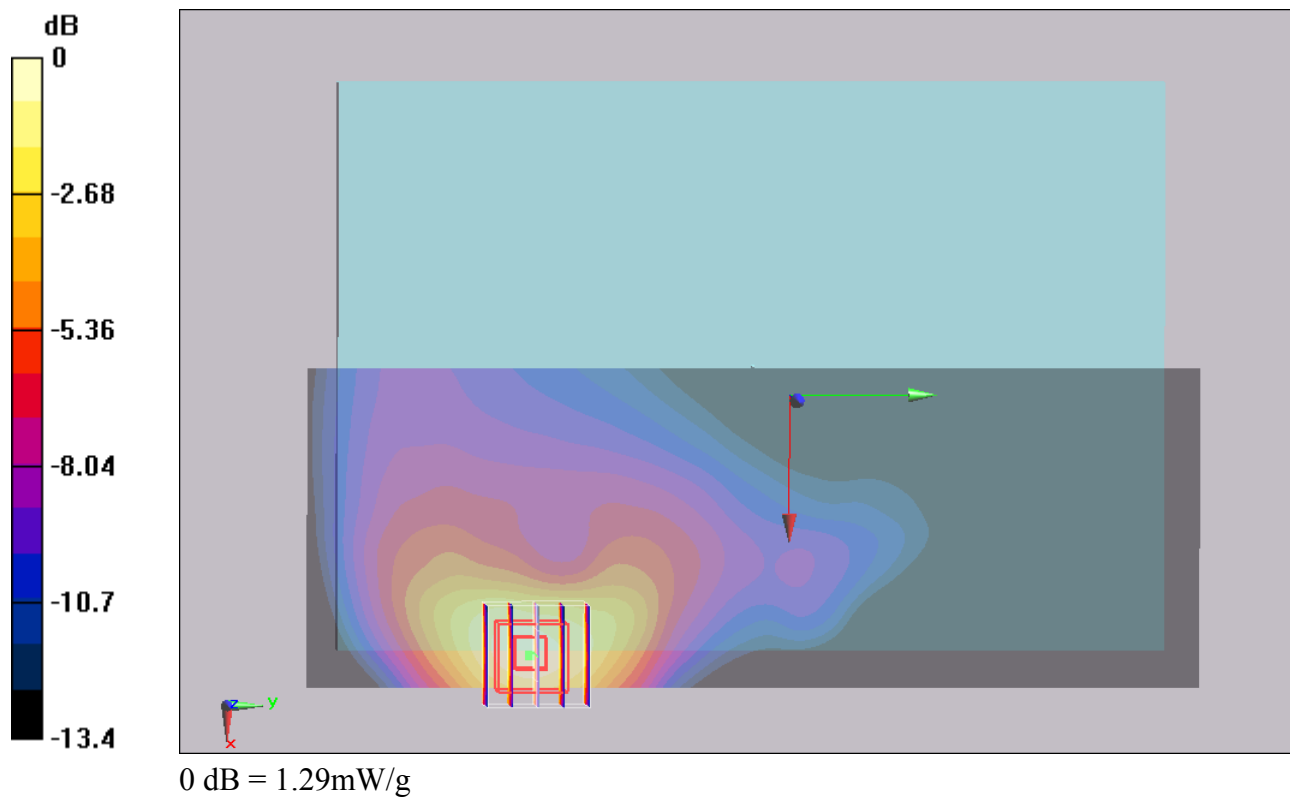
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.42 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.697 mW/g

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



#48 GSM850_GPRS10_Edge4_0cm_Ch189

DUT: 290555

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

Medium: MSL_850_120908 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: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- 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) = 0.185 mW/g

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

Reference Value = 14.6 V/m; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 0.399 W/kg

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (measured) = 0.224 mW/g

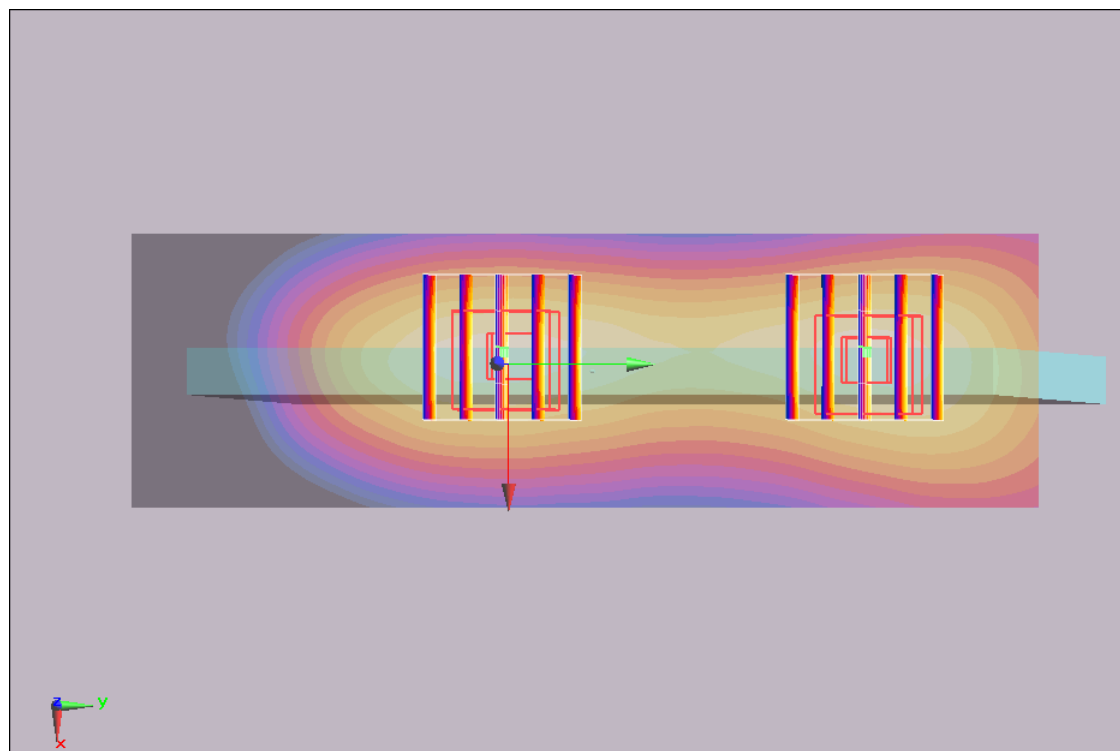
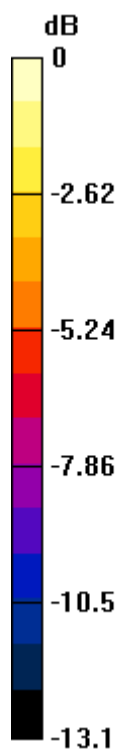
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.202 mW/g



0 dB = 0.202mW/g

#74 GSM850_GPRS10_Bottom Face_0cm_Ch189

DUT: 290555

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

Medium: MSL_850_120908 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: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

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

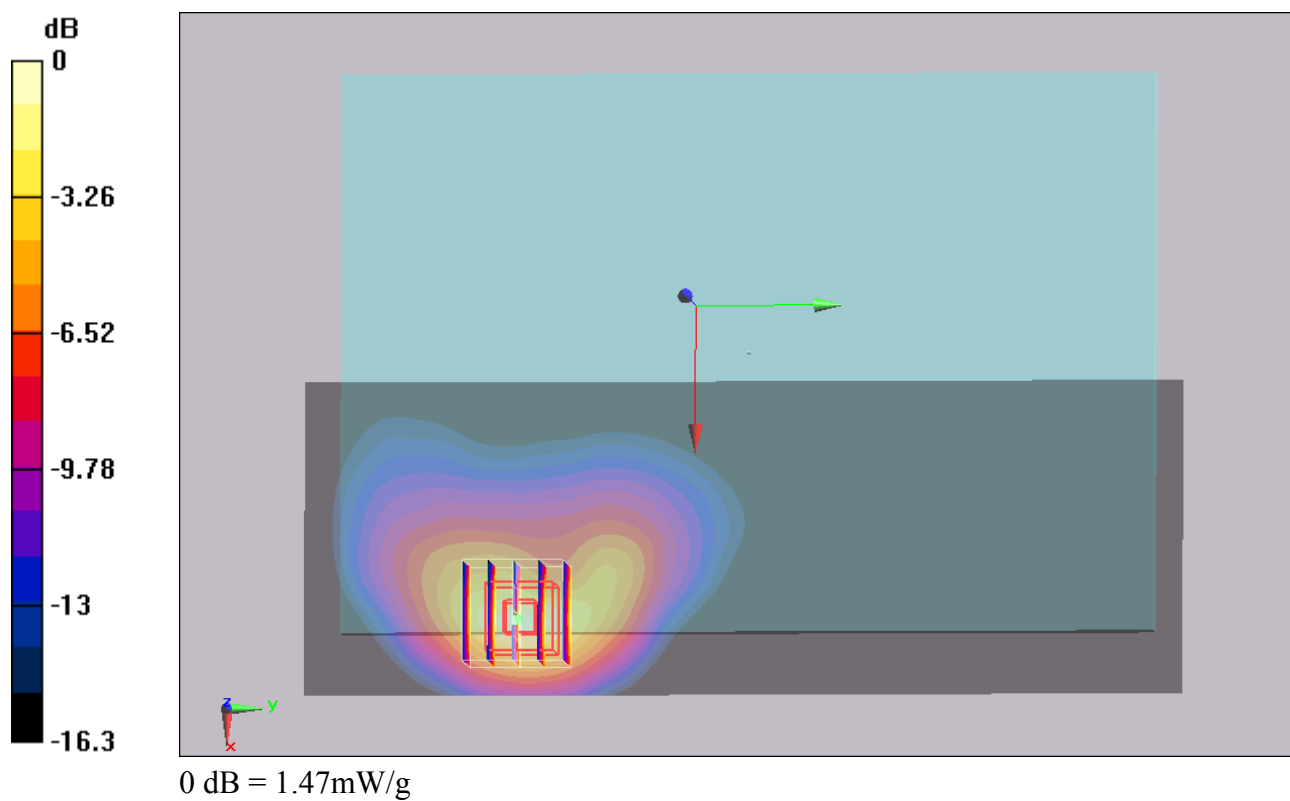
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.86 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.666 mW/g

Maximum value of SAR (measured) = 1.47 mW/g



#74 GSM850_GPRS10_Bottom Face_0cm_Ch189_2D**DUT: 290555**

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

Medium: MSL_850_120908 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: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

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

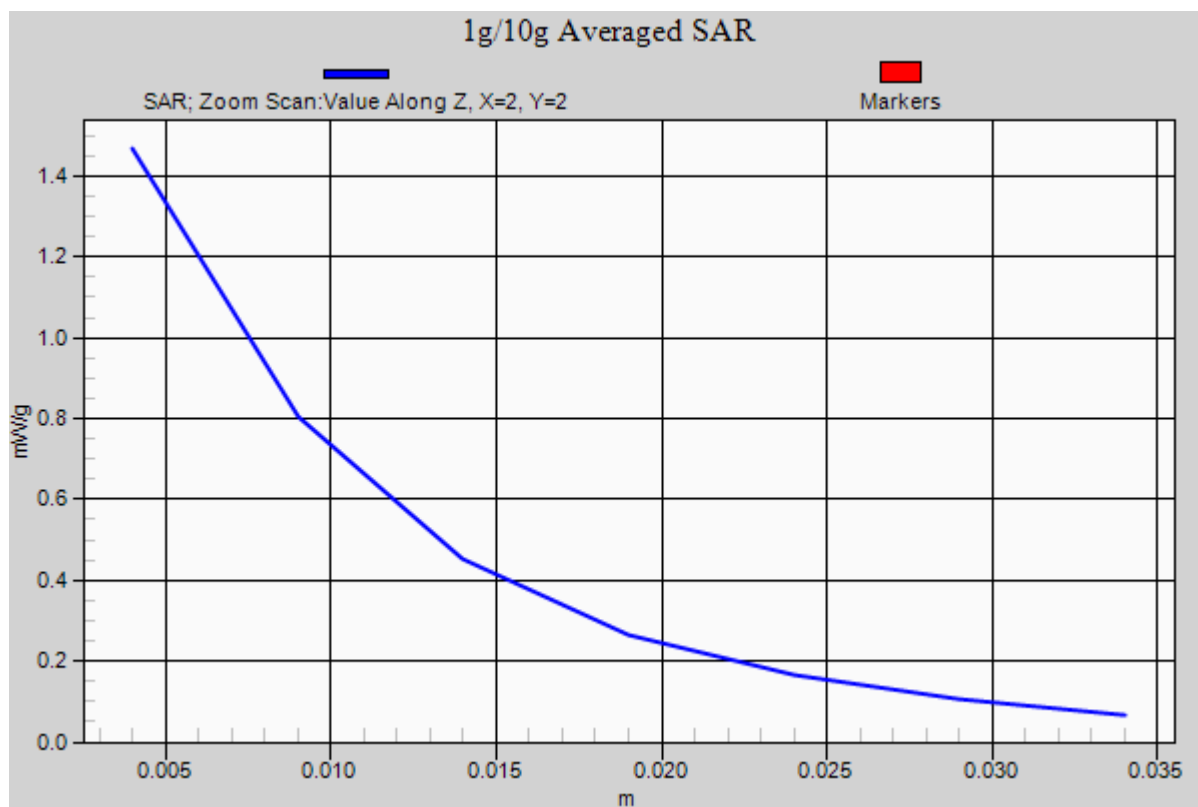
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.86 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.666 mW/g

Maximum value of SAR (measured) = 1.47 mW/g



#75 GSM850_GPRS10_Bottom Face_0cm_Ch128

DUT: 290555

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

Medium: MSL_850_120908 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: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

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

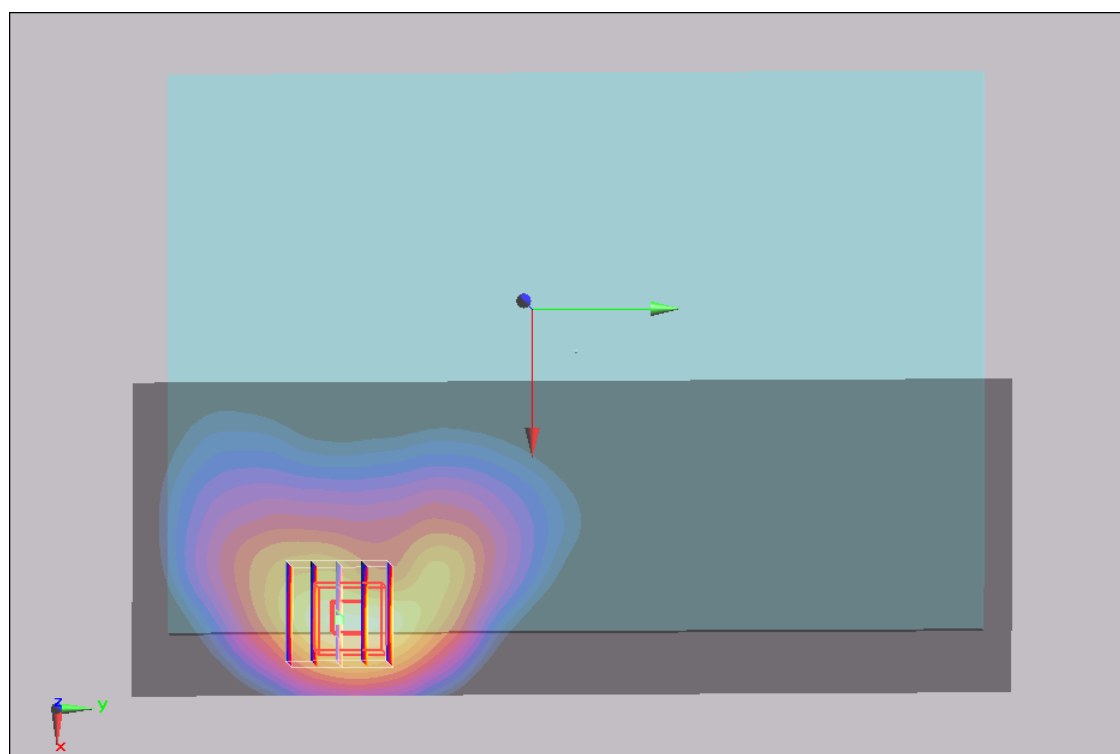
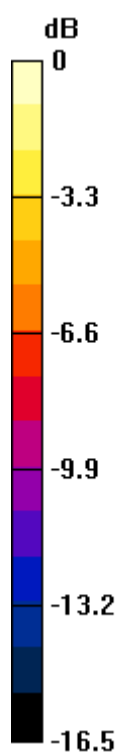
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.03 V/m; Power Drift = -0.186 dB

Peak SAR (extrapolated) = 2.4 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.632 mW/g

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



0 dB = 1.38mW/g

#76 GSM850_GPRS10_Bottom Face_0cm_Ch251

DUT: 290555

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

Medium: MSL_850_120908 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: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.2 mW/g

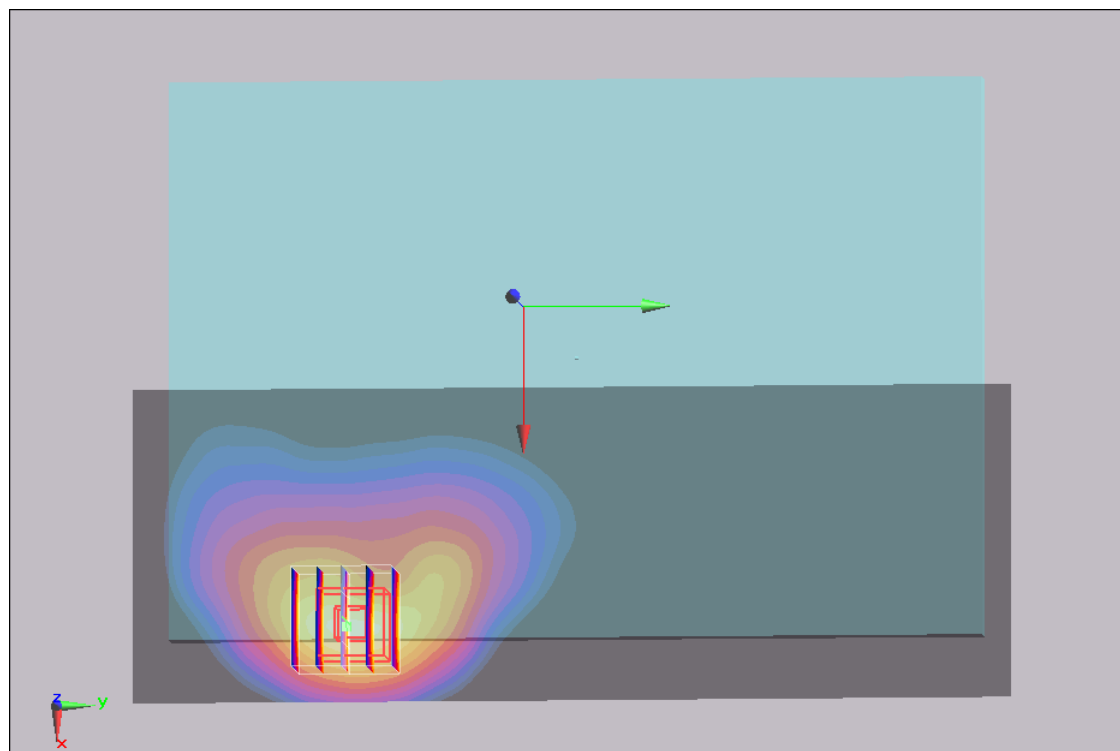
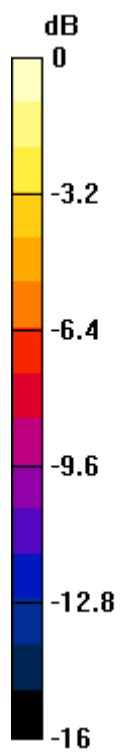
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.06 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 2.41 W/kg

SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.652 mW/g

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



0 dB = 1.44mW/g

#77 GSM850_GPRS10_Edge1_0cm_Ch189

DUT: 290555

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

Medium: MSL_850_120908 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: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- 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 (31x141x1): Measurement grid: dx=20mm, dy=20mm

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

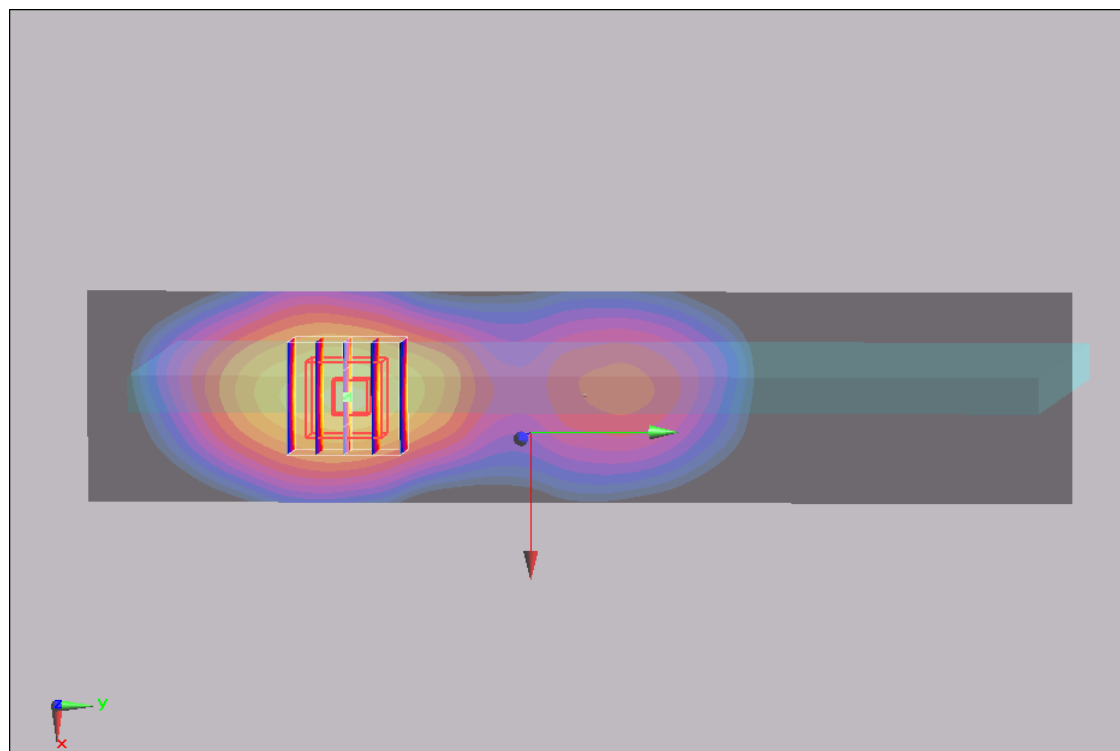
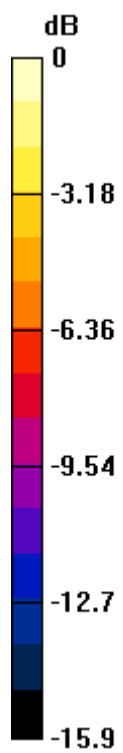
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.380 mW/g

Maximum value of SAR (measured) = 0.872 mW/g



0 dB = 0.872mW/g

#57 GSM1900_GPRS10_Bottom Face_0.8cm_Ch661

DUT: 290555

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

Medium: MSL_1900_120908 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.6$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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 (111x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.861 mW/g

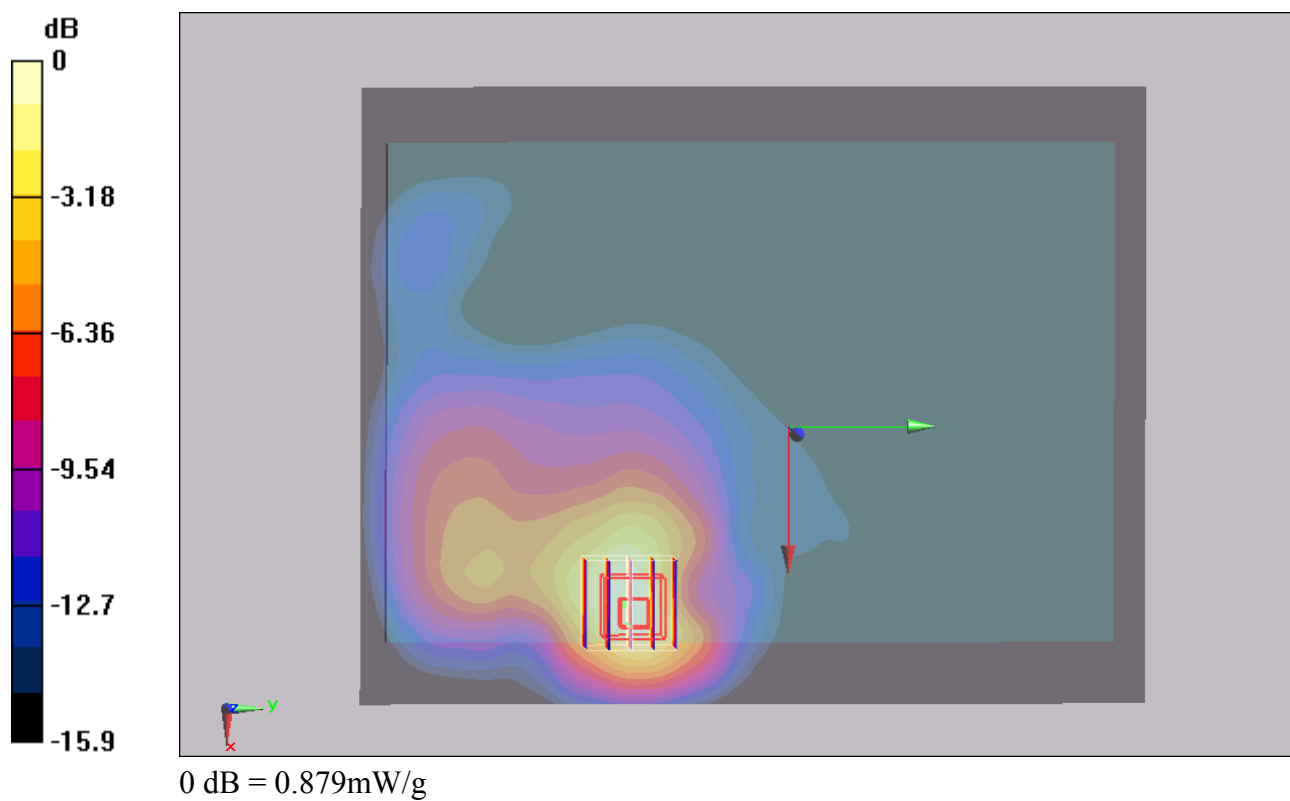
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.81 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.496 mW/g

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



#58 GSM1900_GPRS10_Bottom Face_0.8cm_Ch512

DUT: 290555

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

Medium: MSL_1900_120908 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r =$

54.8; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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

Ch512/Area Scan (51x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.852 mW/g

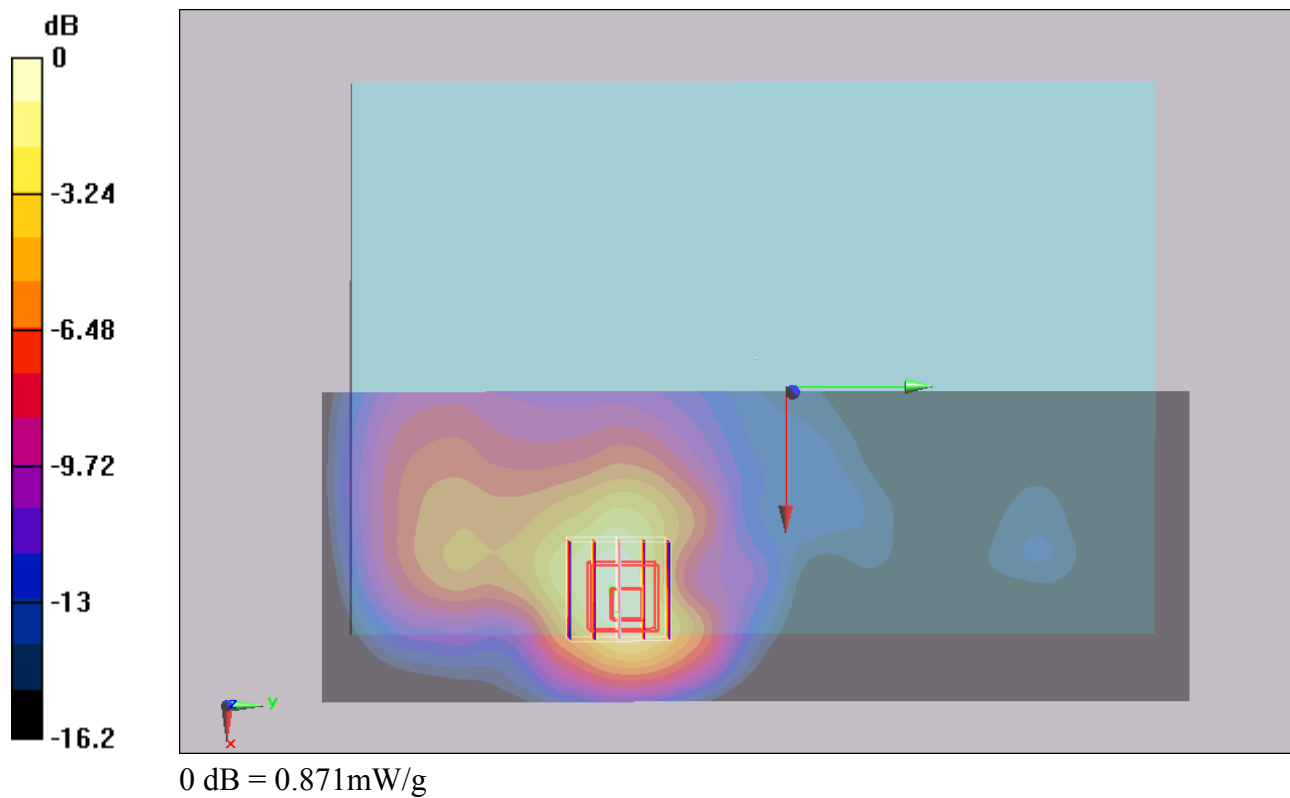
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.86 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.492 mW/g

Maximum value of SAR (measured) = 0.871 mW/g



#59 GSM1900_GPRS10_Bottom Face_0.8cm_Ch810

DUT: 290555

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

Medium: MSL_1900_120908 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: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.869 mW/g

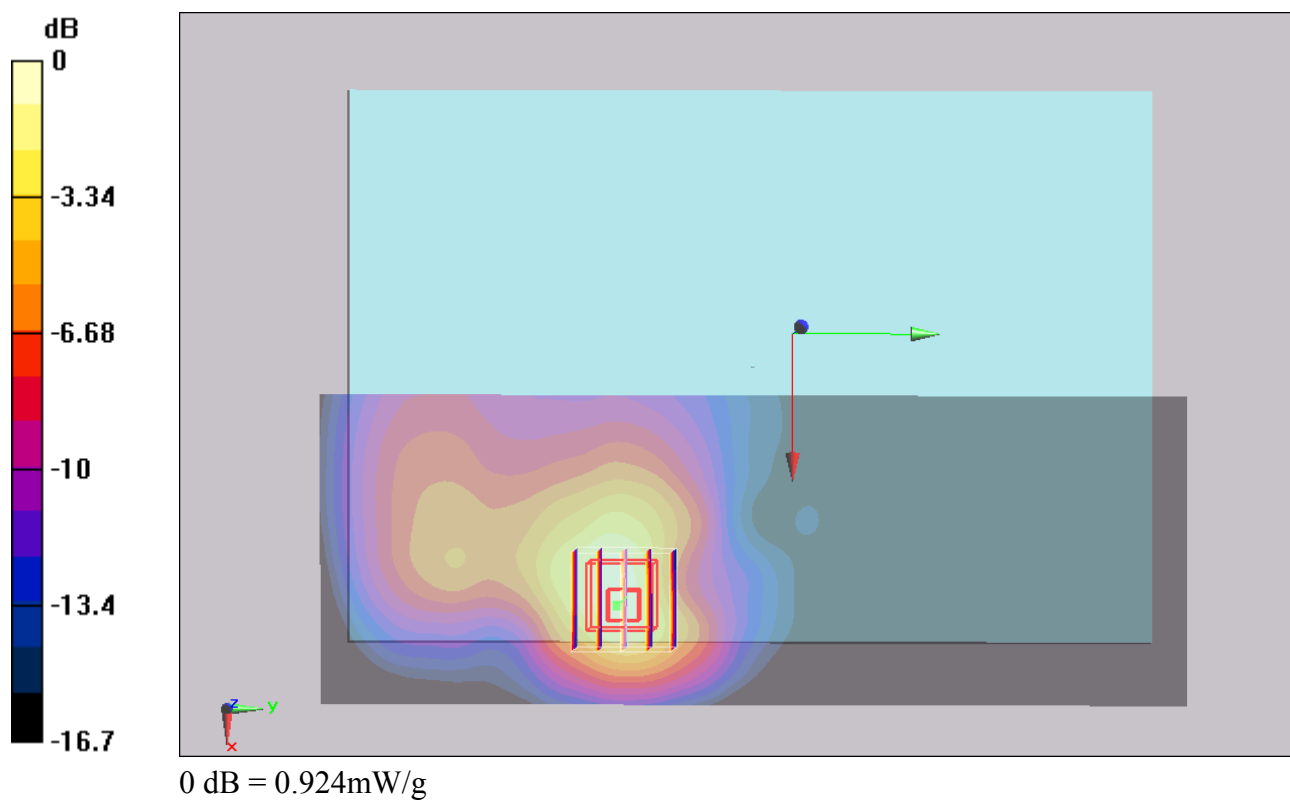
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.59 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.496 mW/g

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



#60 GSM1900_GPRS10_Edge4_0cm_Ch661

DUT: 290555

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

Medium: MSL_1900_120908 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.6$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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 (31x101x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.232 mW/g

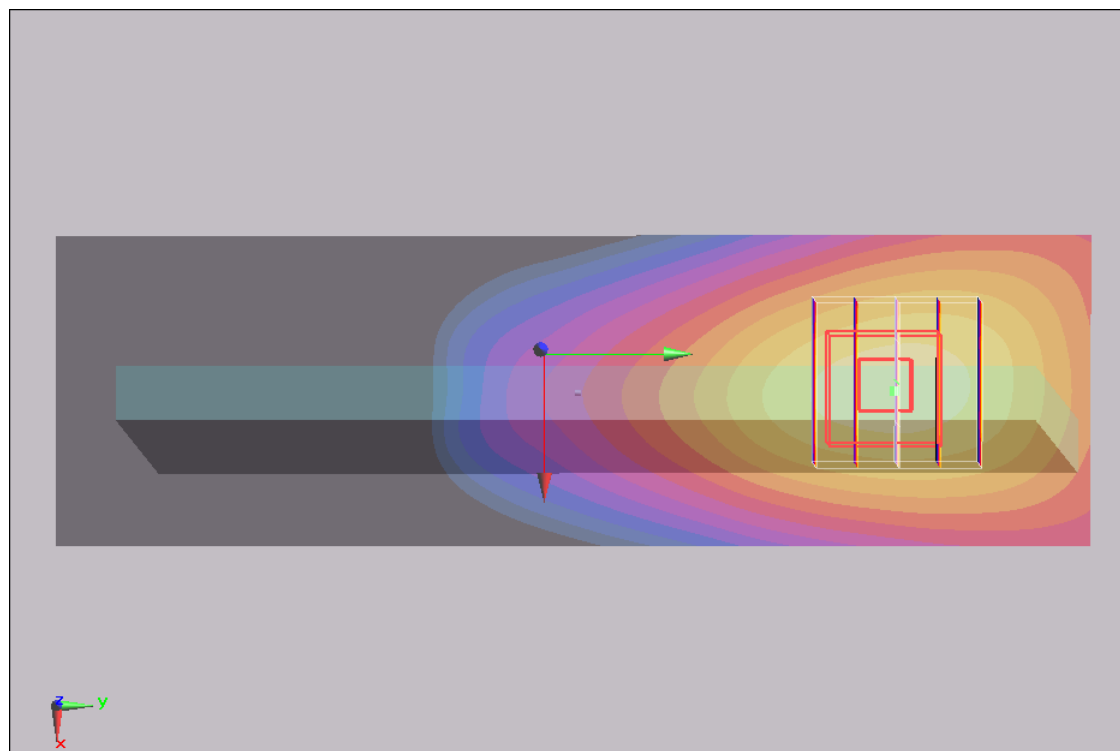
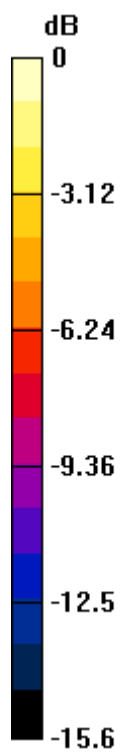
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.83 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.505 W/kg

SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.153 mW/g

Maximum value of SAR (measured) = 0.318 mW/g



0 dB = 0.318mW/g

#61 GSM1900_GPRS10_Bottom Face_0cm_Ch661

DUT: 290555

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

Medium: MSL_1900_120908 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.6$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

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

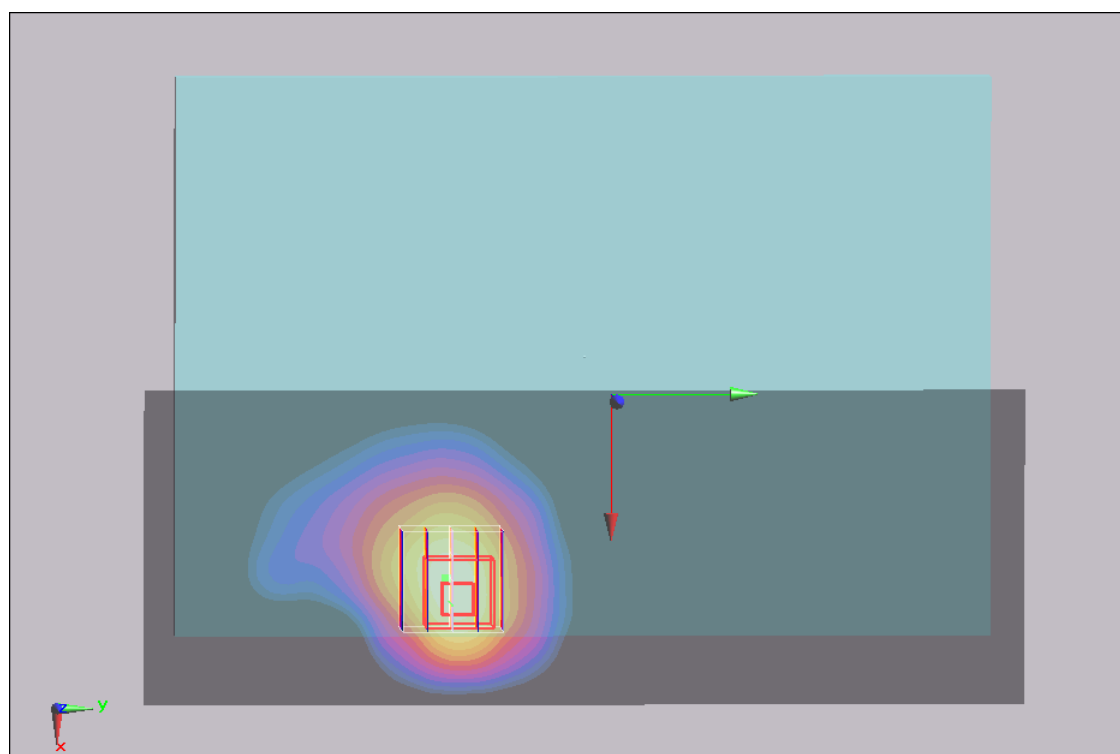
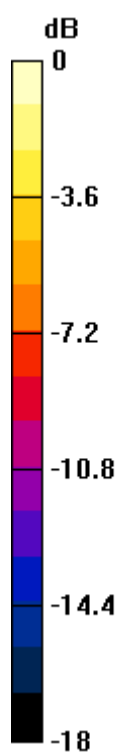
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.597 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.656 mW/g

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



0 dB = 1.33mW/g

#61 GSM1900_GPRS10_Bottom Face_0cm_Ch661_2D

DUT: 290555

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

Medium: MSL_1900_120908 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.6$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

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

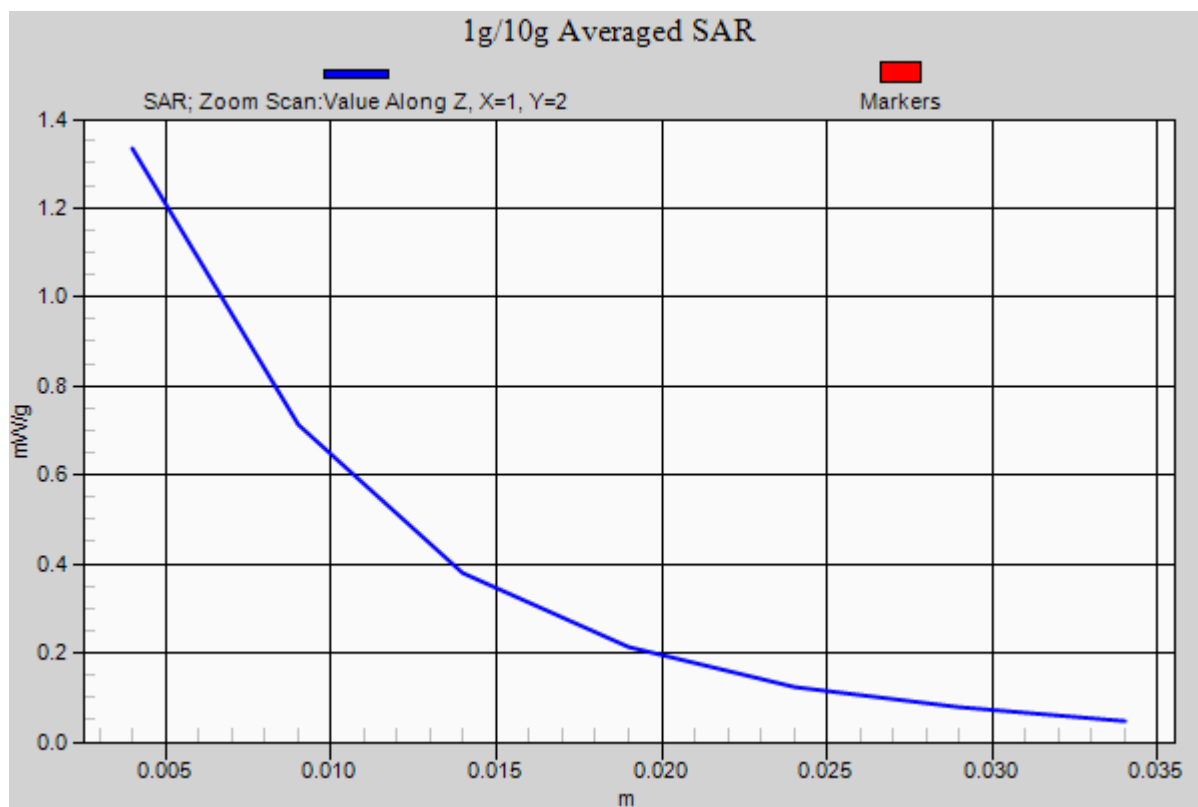
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.597 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.656 mW/g

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



#62 GSM1900_GPRS10_Bottom Face_0cm_Ch512

DUT: 290555

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

Medium: MSL_1900_120908 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r =$

54.8; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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

Ch512/Area Scan (51x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.23 mW/g

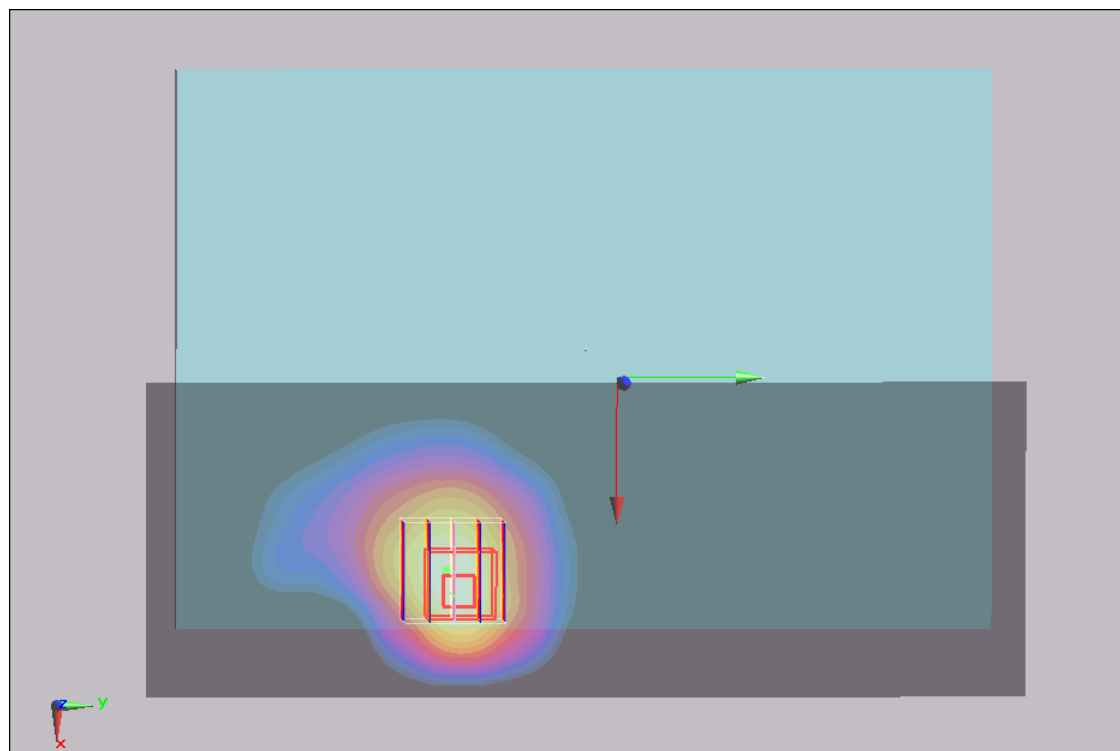
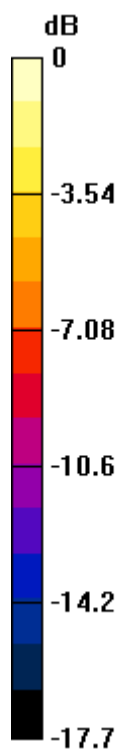
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.770 V/m; Power Drift = -0.151 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.662 mW/g

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



0 dB = 1.32mW/g

#63 GSM1900_GPRS10_Bottom Face_0cm_Ch810

DUT: 290555

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

Medium: MSL_1900_120908 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: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

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

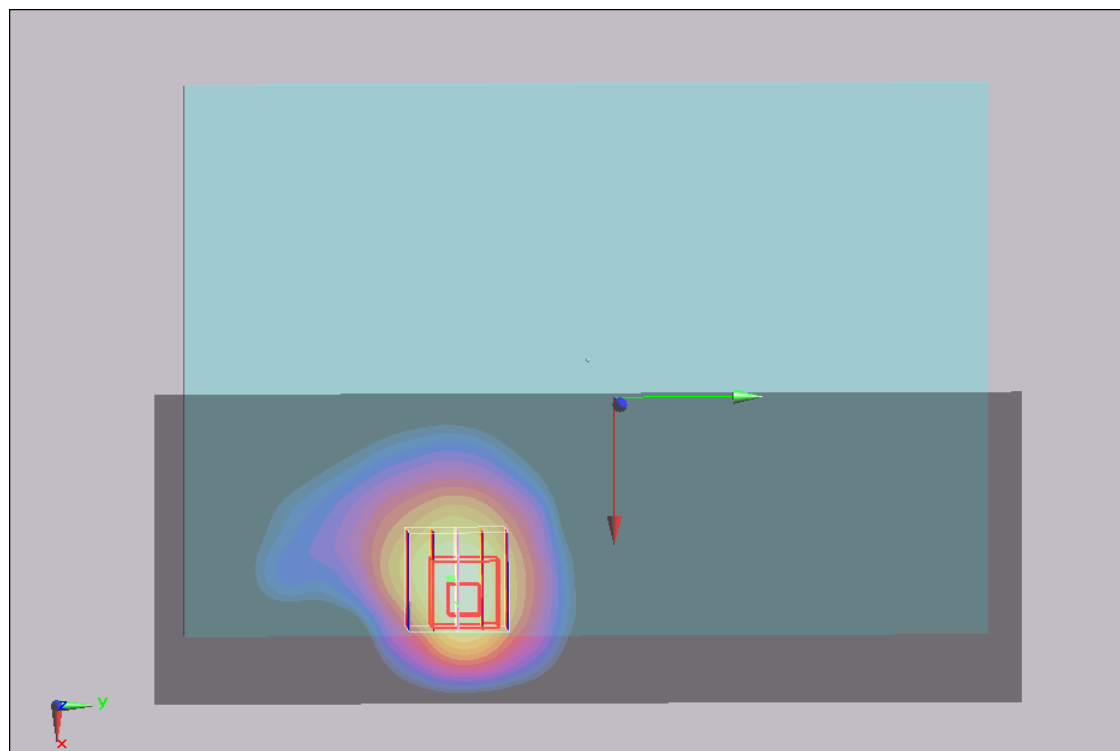
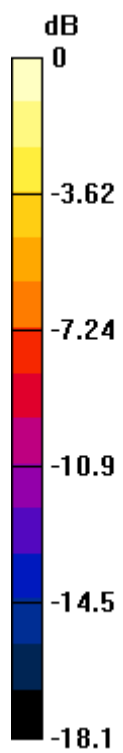
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.467 V/m; Power Drift = -0.172 dB

Peak SAR (extrapolated) = 2.23 W/kg

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.641 mW/g

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



0 dB = 1.32mW/g

#64 GSM1900_GPRS10_Edge1_0cm_Ch661

DUT: 290555

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

Medium: MSL_1900_120908 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.6$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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 (31x141x1): Measurement grid: dx=20mm, dy=20mm

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

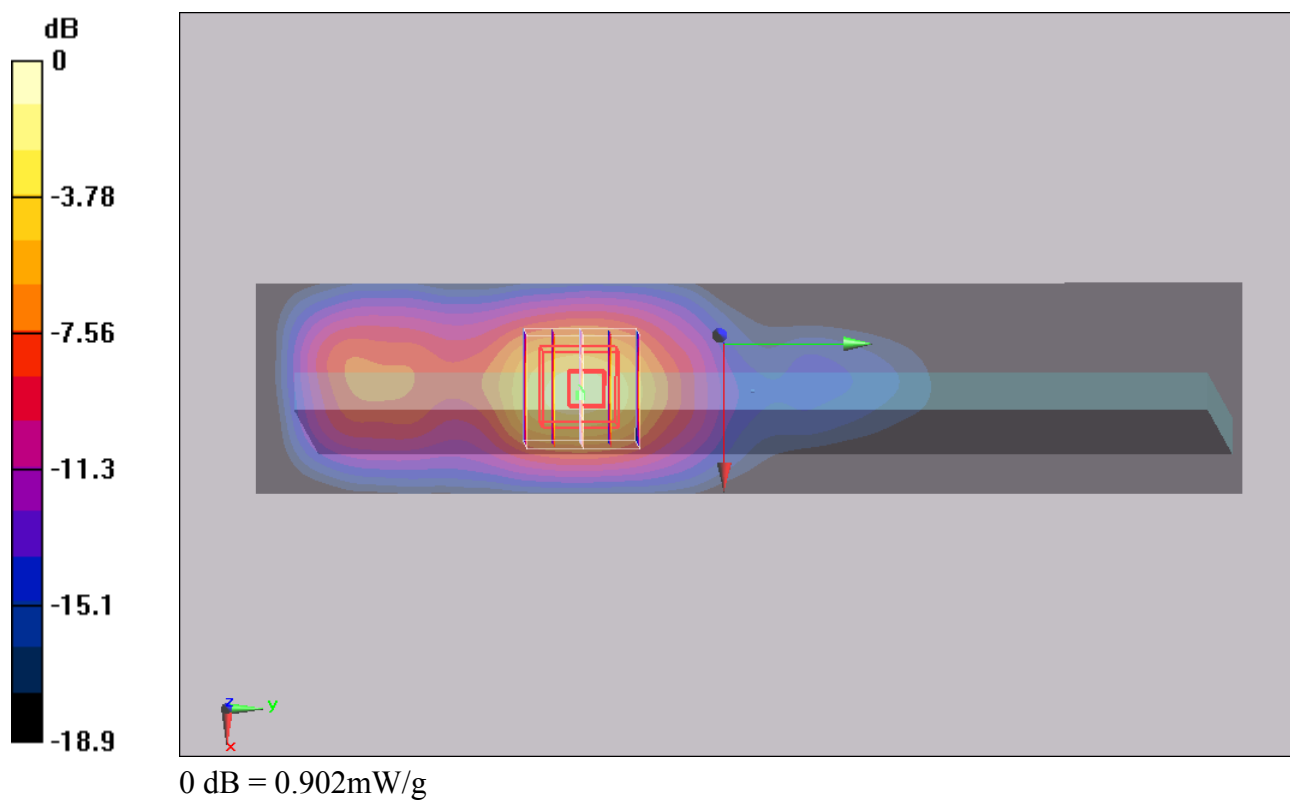
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.32 V/m; Power Drift = -0.176 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.783 mW/g; SAR(10 g) = 0.399 mW/g

Maximum value of SAR (measured) = 0.902 mW/g



#49 WCDMA V_RMC12.2K_Bottom Face_0.8cm_Ch4132

DUT: 290555

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

Medium: MSL_850_120908 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: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- 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 (111x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.703 mW/g

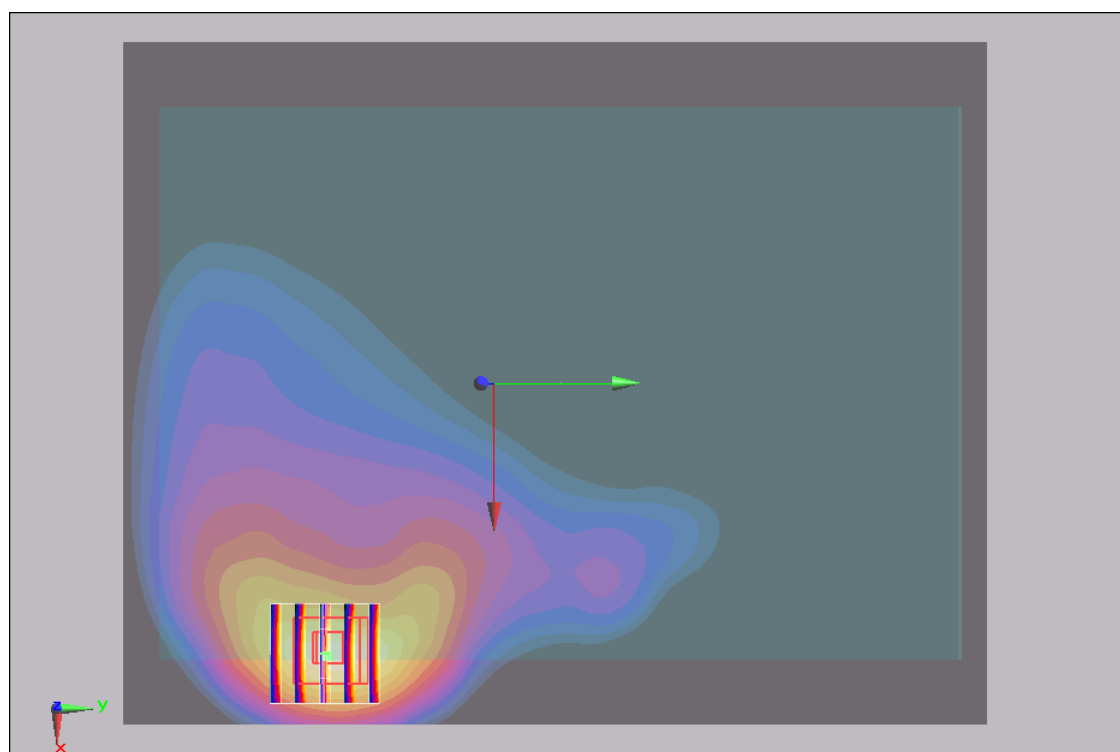
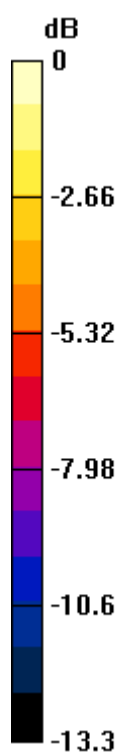
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.69 V/m; Power Drift = -0.184 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.716 mW/g; SAR(10 g) = 0.419 mW/g

Maximum value of SAR (measured) = 0.775 mW/g



0 dB = 0.775mW/g

#50 WCDMA V_RMC12.2K_Edge4_0cm_Ch4132

DUT: 290555

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

Medium: MSL_850_120908 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: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- 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 (31x101x1): Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 11.8 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.069 mW/g

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

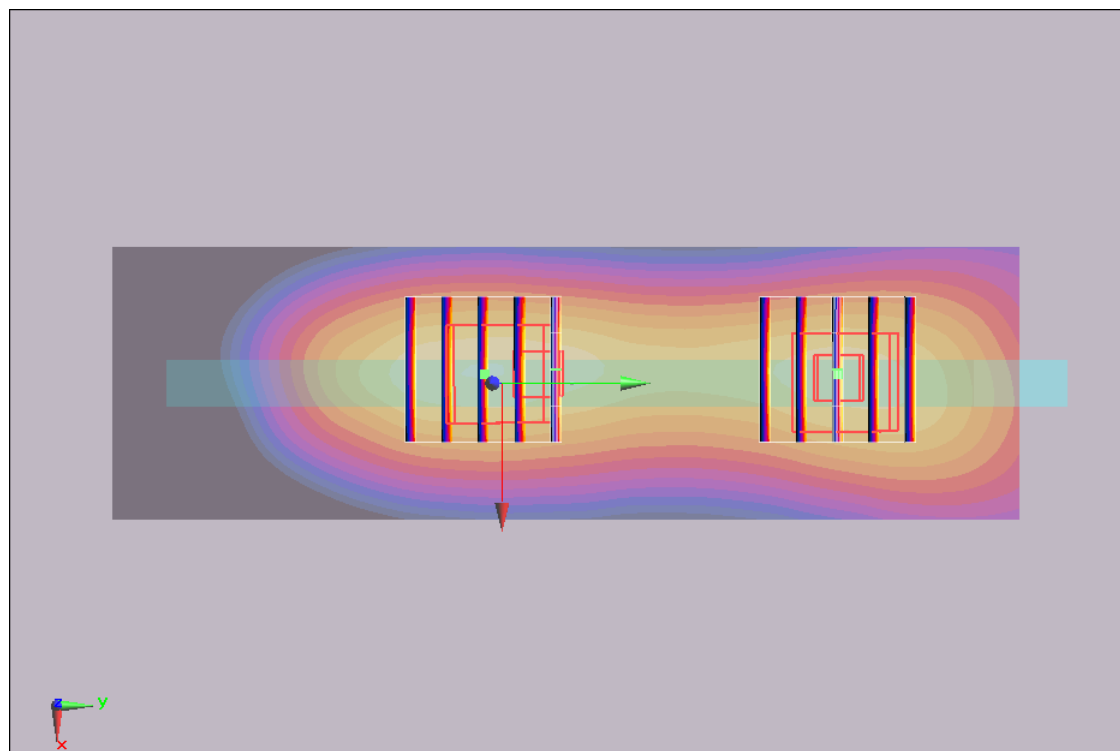
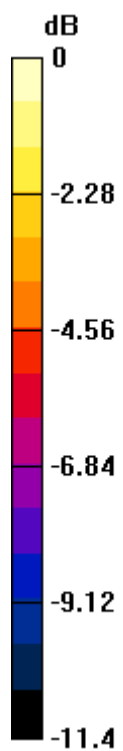
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.068 mW/g

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



0 dB = 0.131mW/g

#70 WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4132

DUT: 290555

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

Medium: MSL_850_120908 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: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

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

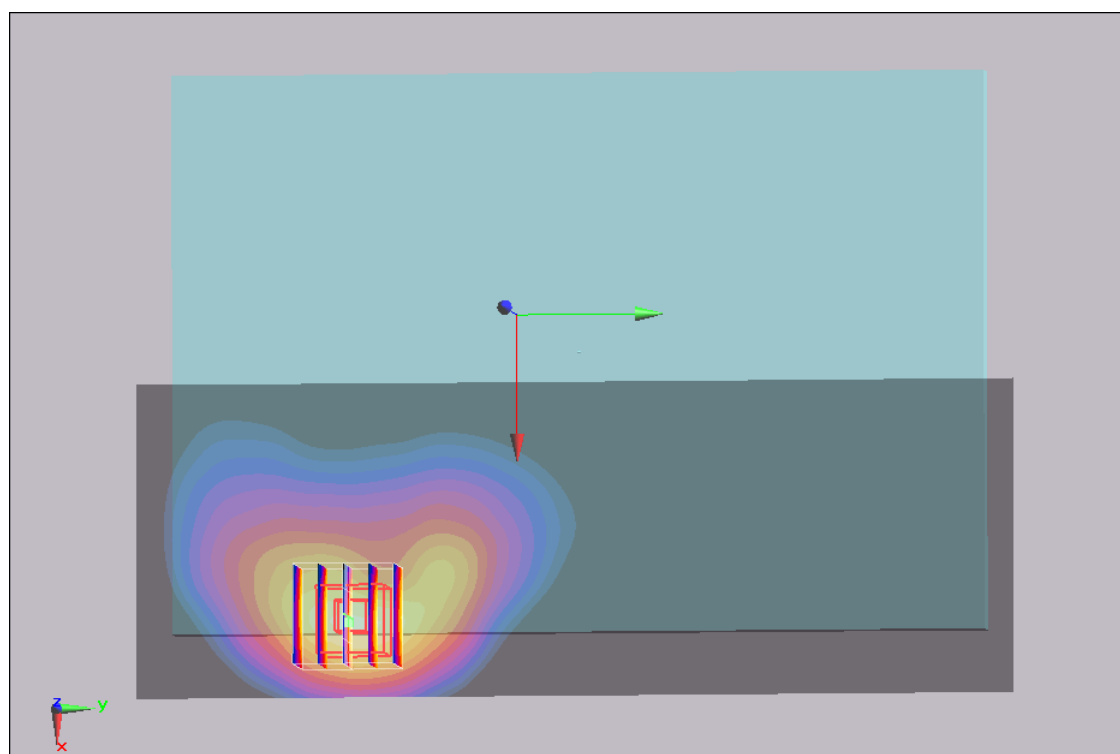
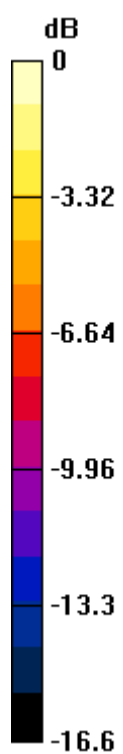
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.77 V/m; Power Drift = -0.190 dB

Peak SAR (extrapolated) = 2.47 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.632 mW/g

Maximum value of SAR (measured) = 1.39 mW/g



0 dB = 1.39mW/g

#71 WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4182

DUT: 290555

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

Medium: MSL_850_120908 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: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

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

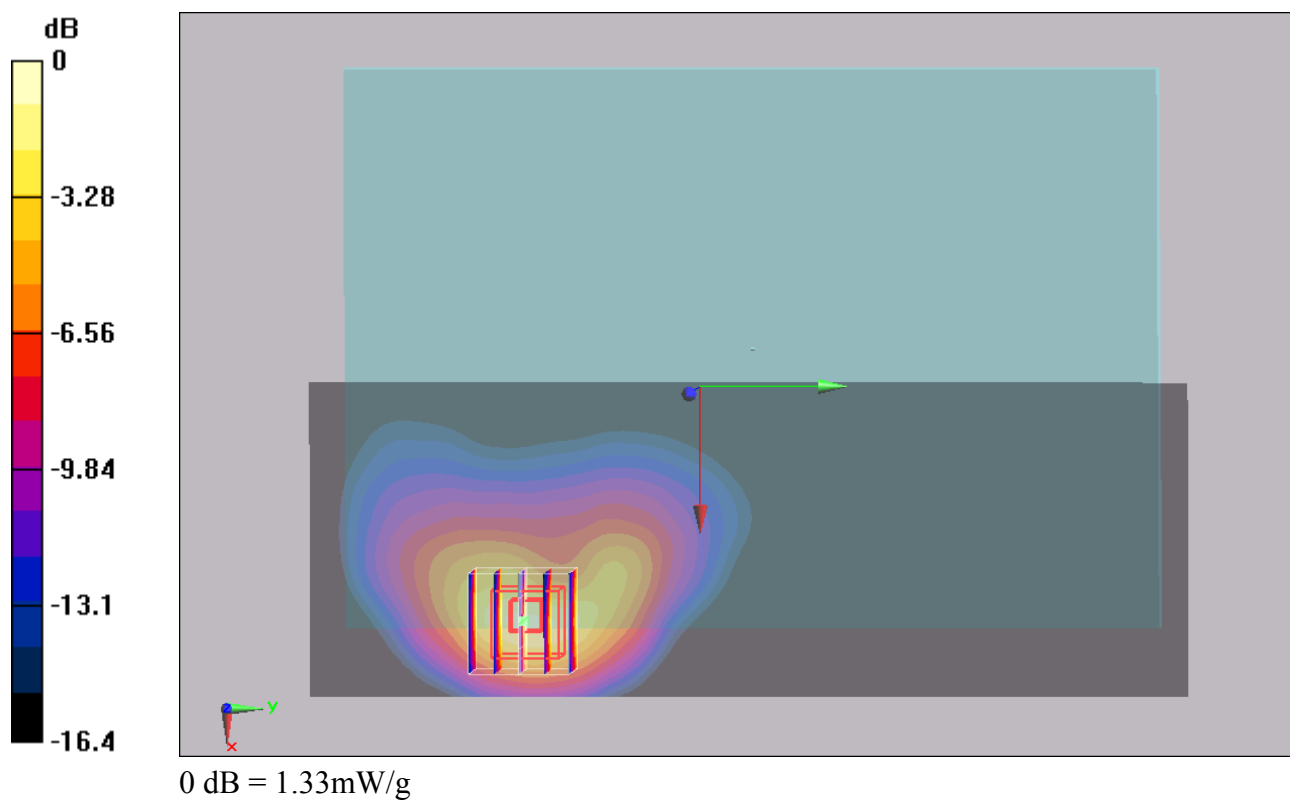
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.84 V/m; Power Drift = -0.176 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.606 mW/g

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



#72 WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4233

DUT: 290555

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

Medium: MSL_850_120908 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: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

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

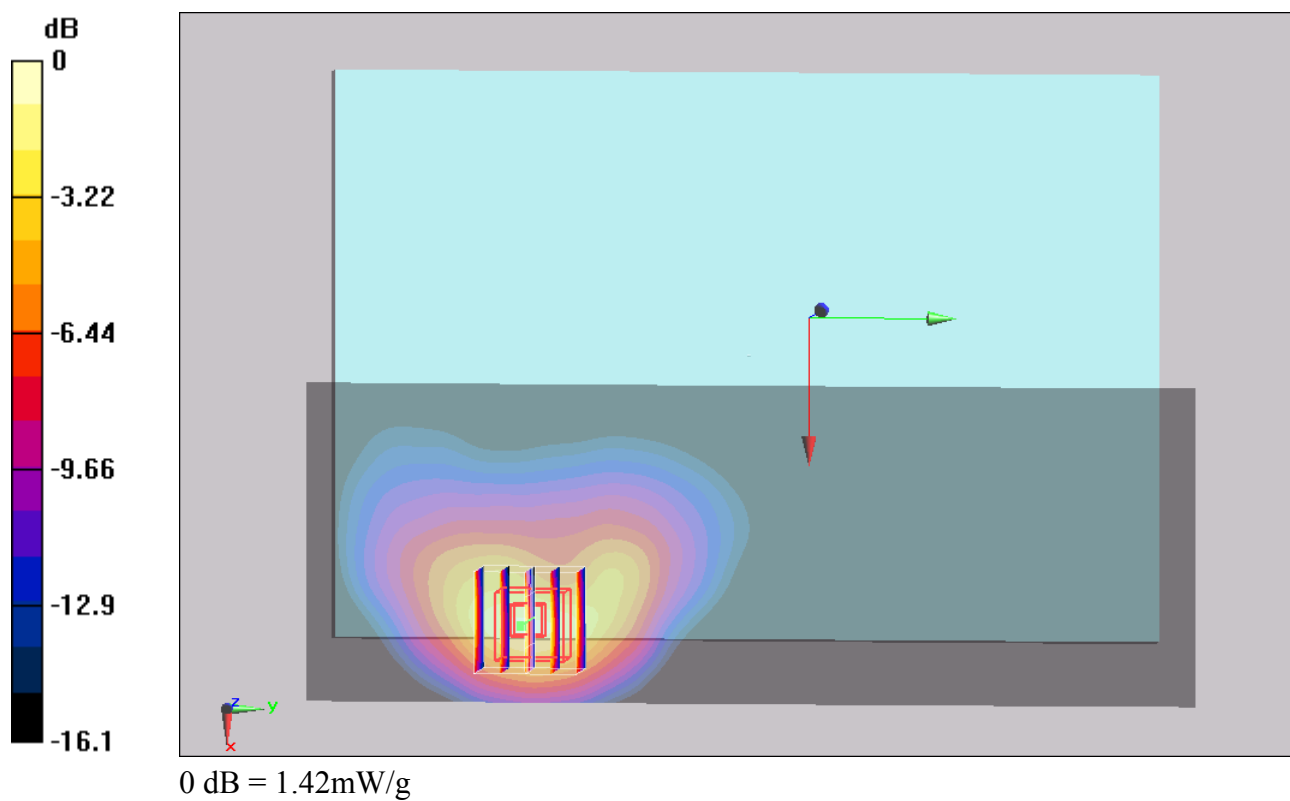
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.74 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.648 mW/g

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



#72 WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4233_2D**DUT: 290555**

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

Medium: MSL_850_120908 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: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

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

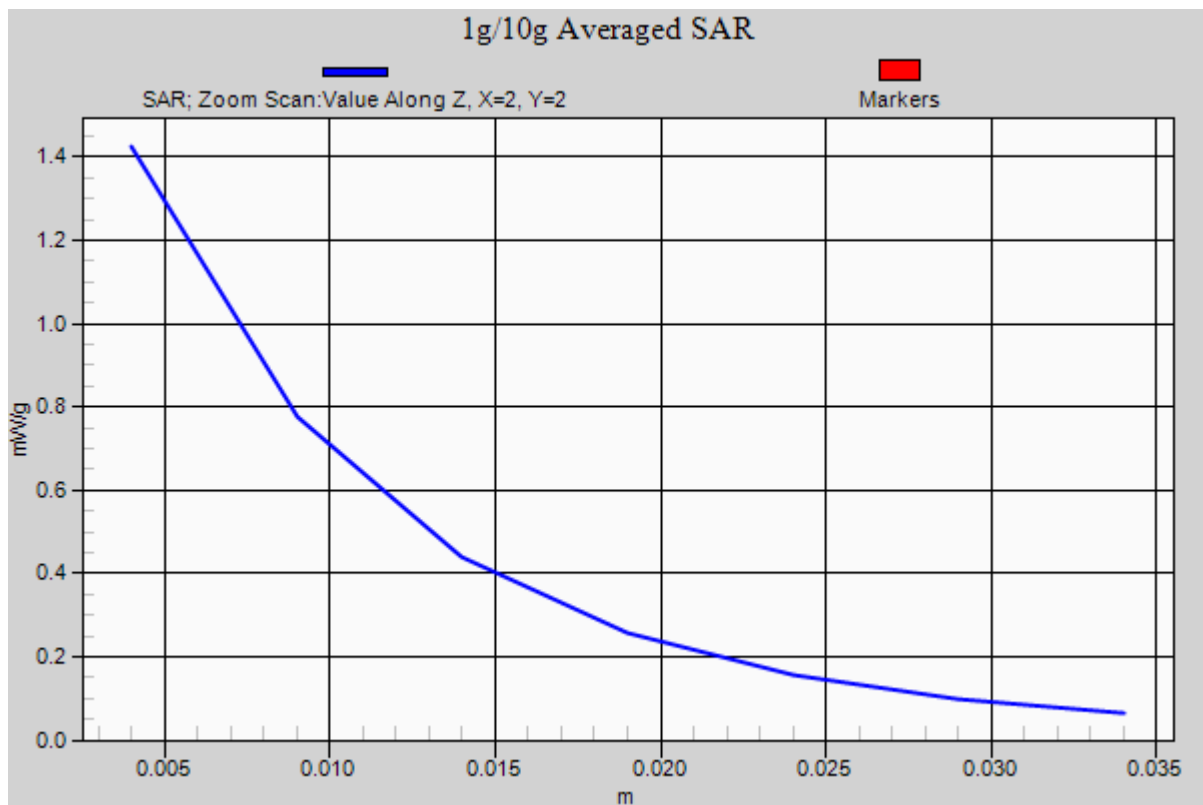
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.74 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.648 mW/g

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



#73 WCDMA V_RMC12.2K_Edge1_0cm_Ch4132

DUT: 290555

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

Medium: MSL_850_120908 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: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- 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 (31x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.507 mW/g

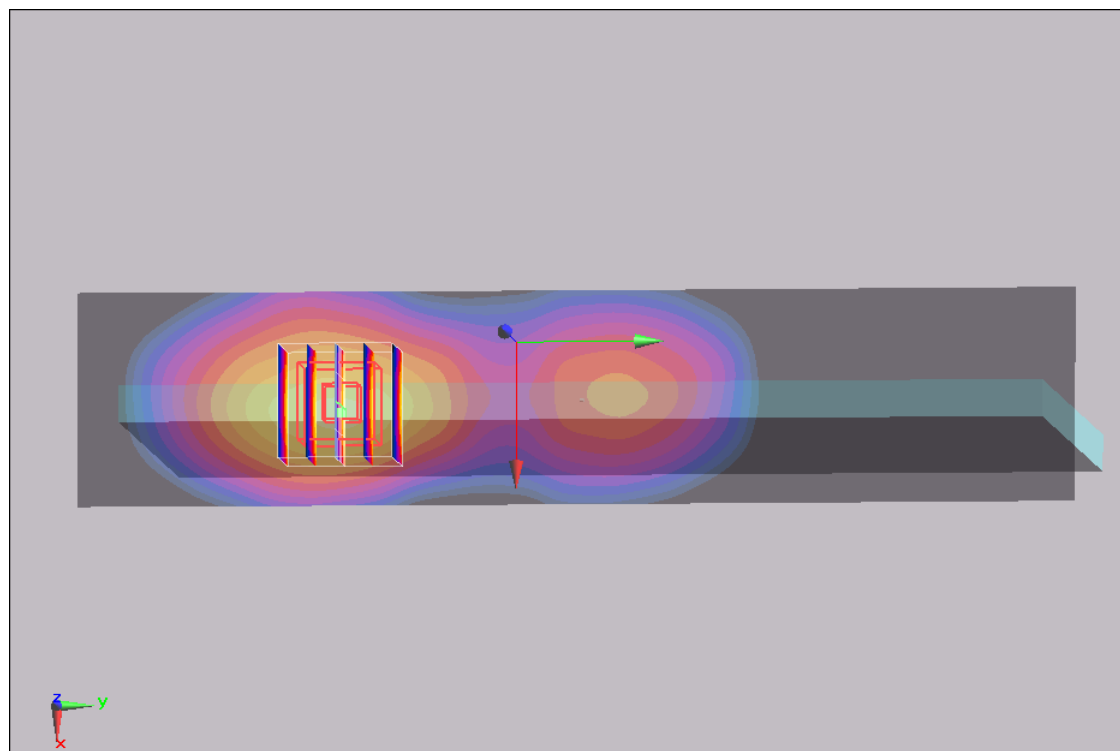
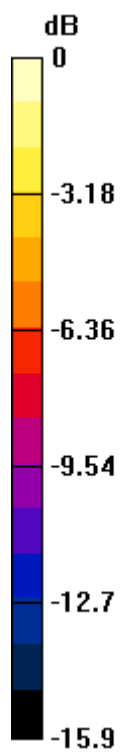
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.9 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.334 mW/g

Maximum value of SAR (measured) = 0.755 mW/g



0 dB = 0.755mW/g

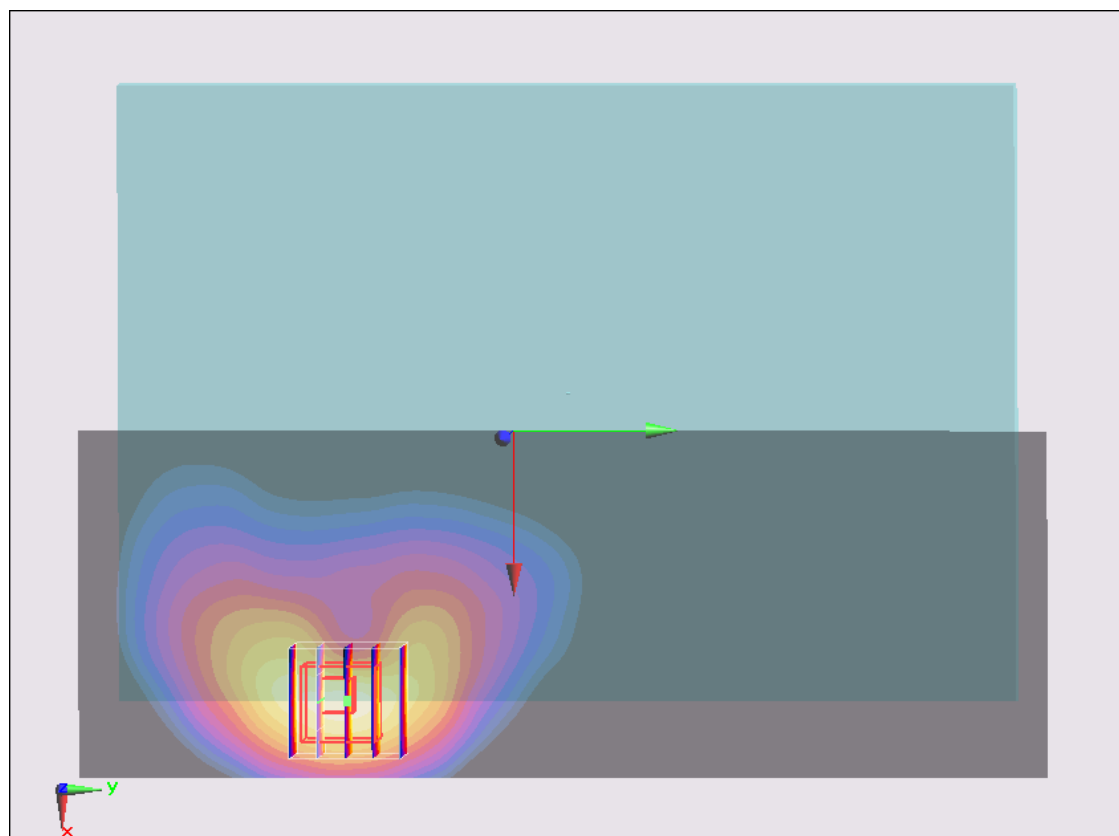
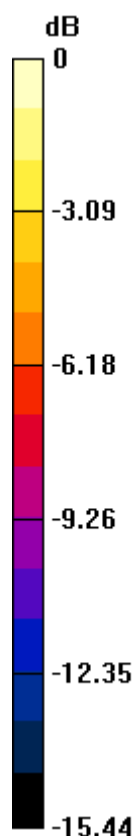
#96 WCDMA V_HSDPA_Bottom Face_0cm_Ch4233**DUT: 290555**

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

Medium: MSL_850_120925 Medium parameters used: $f = 847$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 52.617$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x141x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 1.07 W/kg **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 2.009 V/m ; Power Drift = 0.18 dB Peak SAR (extrapolated) = 2.083 mW/g **SAR(1 g) = 1.06 mW/g ; SAR(10 g) = 0.565 mW/g** Maximum value of SAR (measured) = 1.18 W/kg  $0 \text{ dB} = 1.18 \text{ W/kg} = 1.44 \text{ dB W/kg}$

#110 WCDMA V_HSDPA_Bottom Face_0cm_Ch4132**DUT: 290555**

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

Medium: MSL_850_120925 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.944$ mho/m; $\epsilon_r = 52.818$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch4132/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

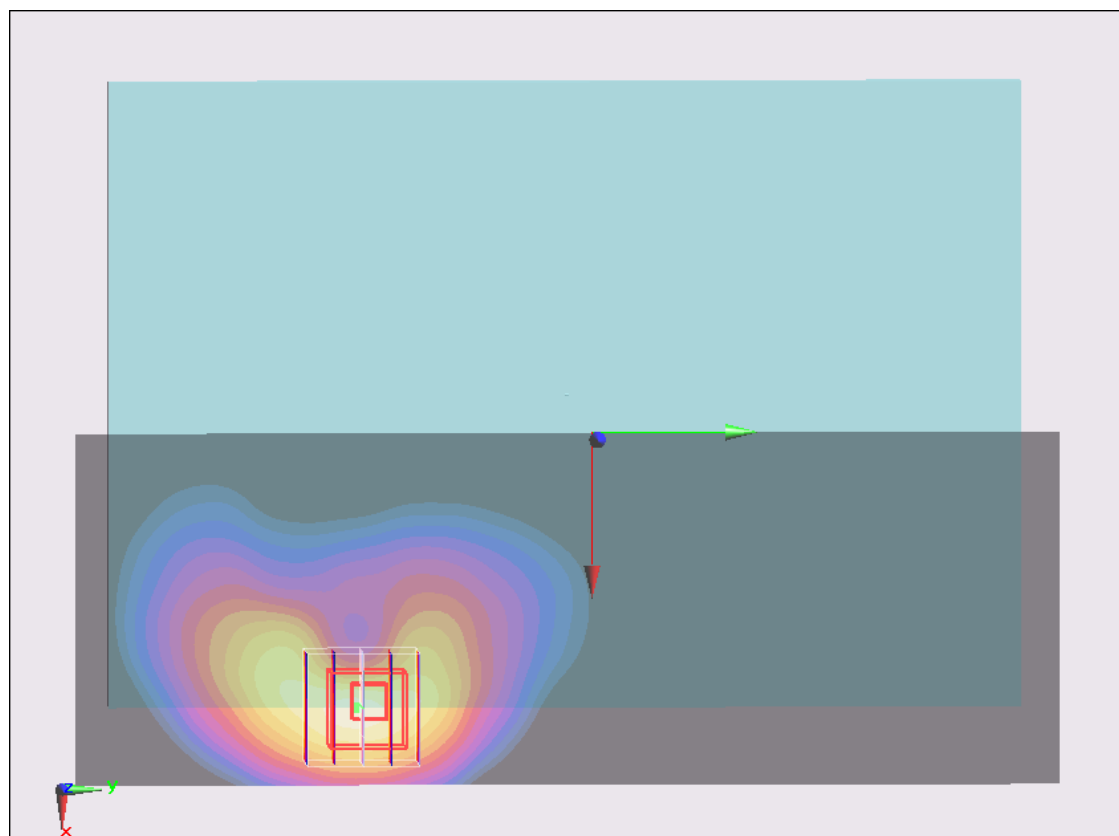
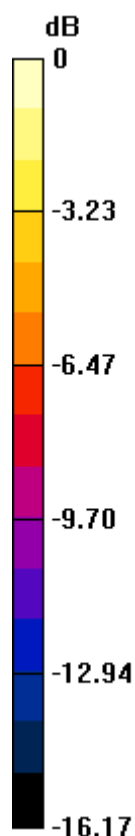
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.724 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.081 mW/g

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.581 mW/g

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 1.87 dB W/kg

#111 WCDMA V_HSDPA_Bottom Face_0cm_Ch4182**DUT: 290555**

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

Medium: MSL_850_120925 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.955$ mho/m; $\epsilon_r = 52.728$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

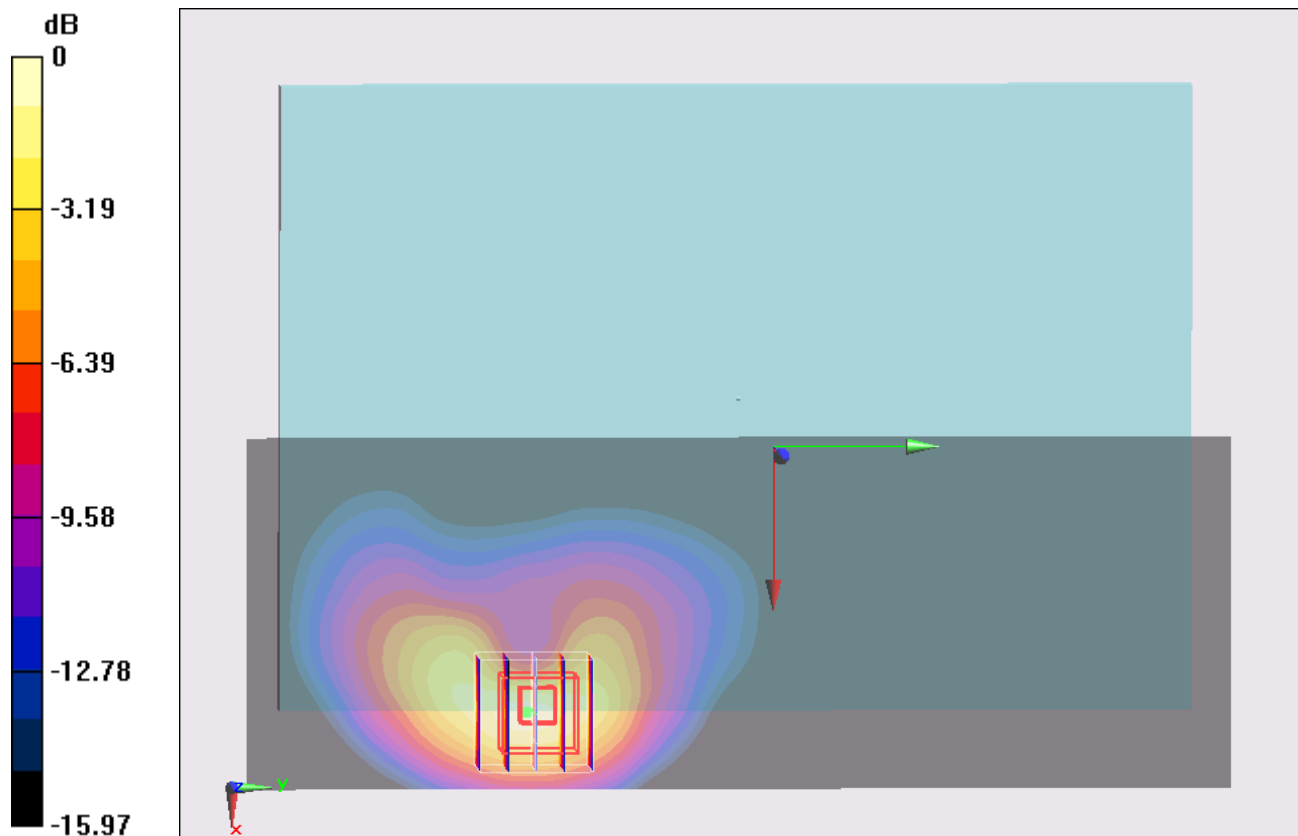
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.724 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.048 mW/g

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.562 mW/g

Maximum value of SAR (measured) = 1.20 W/kg



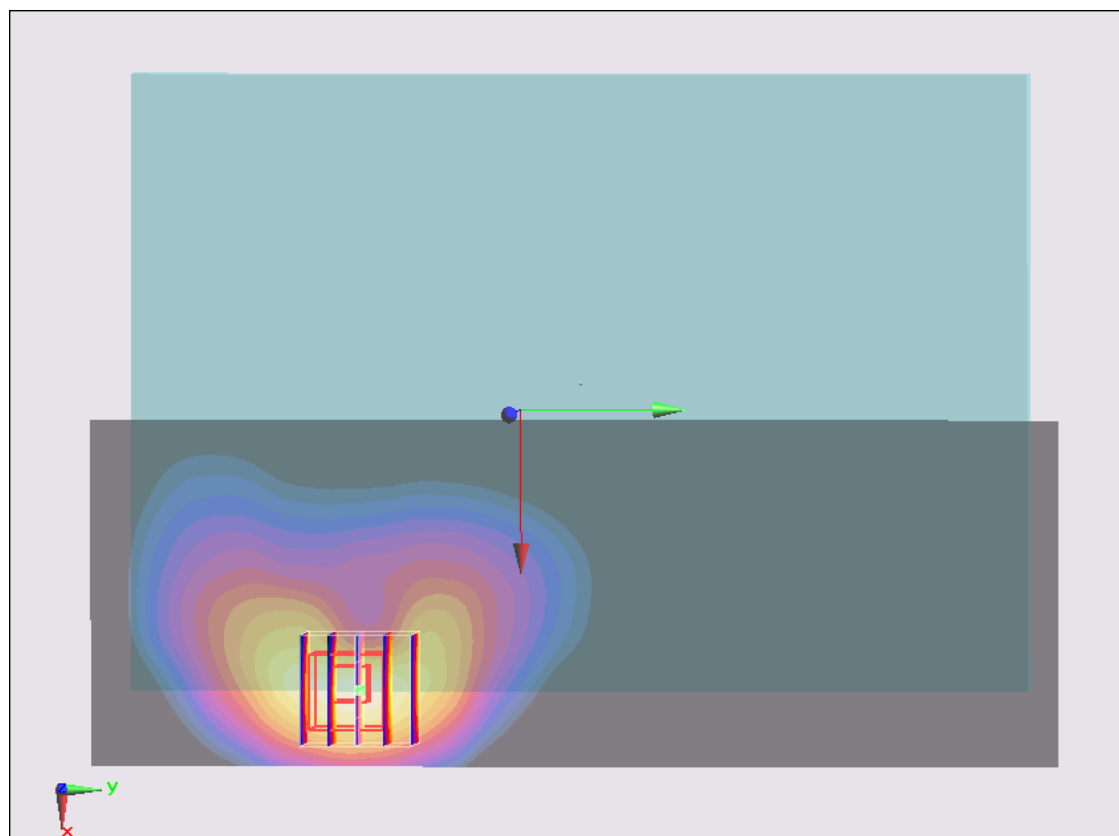
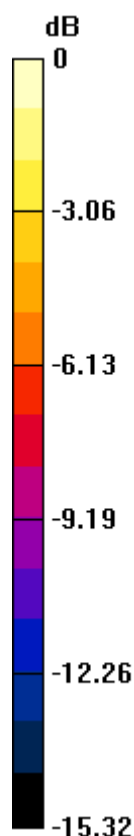
#97 WCDMA V_HSUPA_Bottom Face_0cm_Ch4233**DUT: 290555**

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

Medium: MSL_850_120925 Medium parameters used: $f = 847$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 52.617$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x141x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 1.10 W/kg **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 3.018 V/m ; Power Drift = -0.08 dB Peak SAR (extrapolated) = 2.113 mW/g **SAR(1 g) = 1.08 mW/g ; SAR(10 g) = 0.573 mW/g** Maximum value of SAR (measured) = 1.18 W/kg  $0 \text{ dB} = 1.18 \text{ W/kg} = 1.44 \text{ dB W/kg}$

#112 WCDMA V_HSUPA_Bottom Face_0cm_Ch4132**DUT: 290555**

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

Medium: MSL_850_120925 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.944$ mho/m; $\epsilon_r = 52.818$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch4132/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.11 W/kg

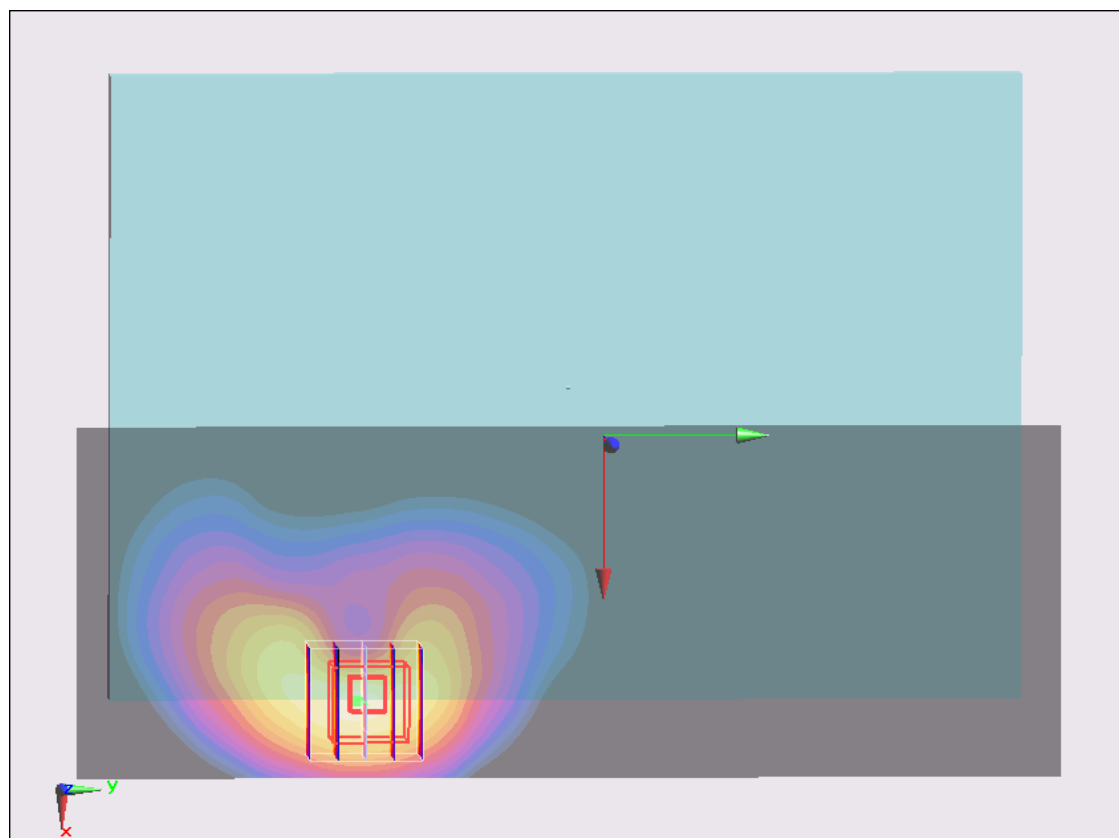
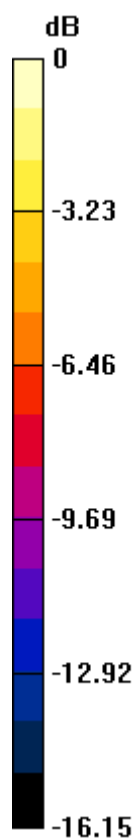
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.687 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.090 mW/g

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.579 mW/g

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 1.87 dB W/kg

#113 WCDMA V_HSUPA_Bottom Face_0cm_Ch4182**DUT: 290555**

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

Medium: MSL_850_120925 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.955$ mho/m; $\epsilon_r = 52.728$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.11 W/kg

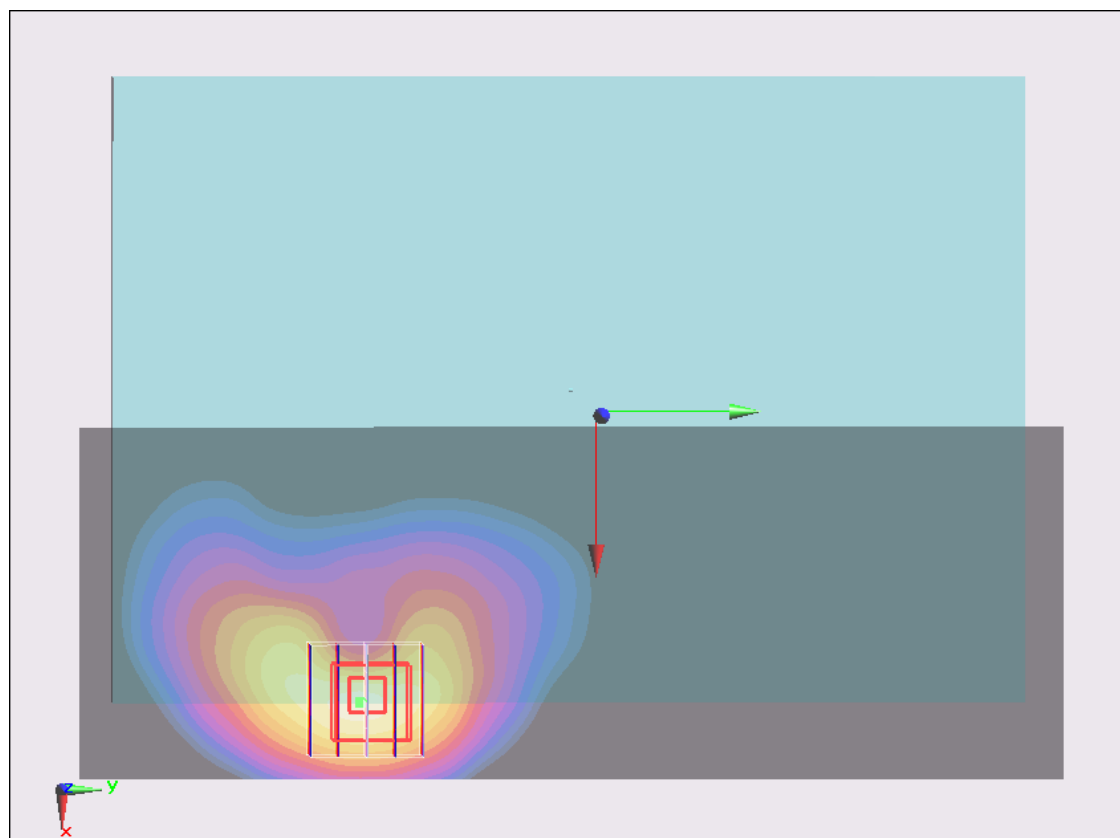
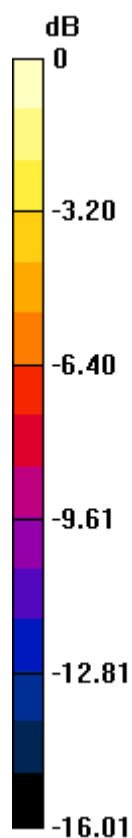
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.707 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 2.118 mW/g

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.568 mW/g

Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg = 1.80 dB W/kg

#51 WCDMA II_RMC12.2K_Bottom Face_0.8cm_Ch9262

DUT: 290555

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

Medium: MSL_1900_120908 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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 (111x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.961 mW/g

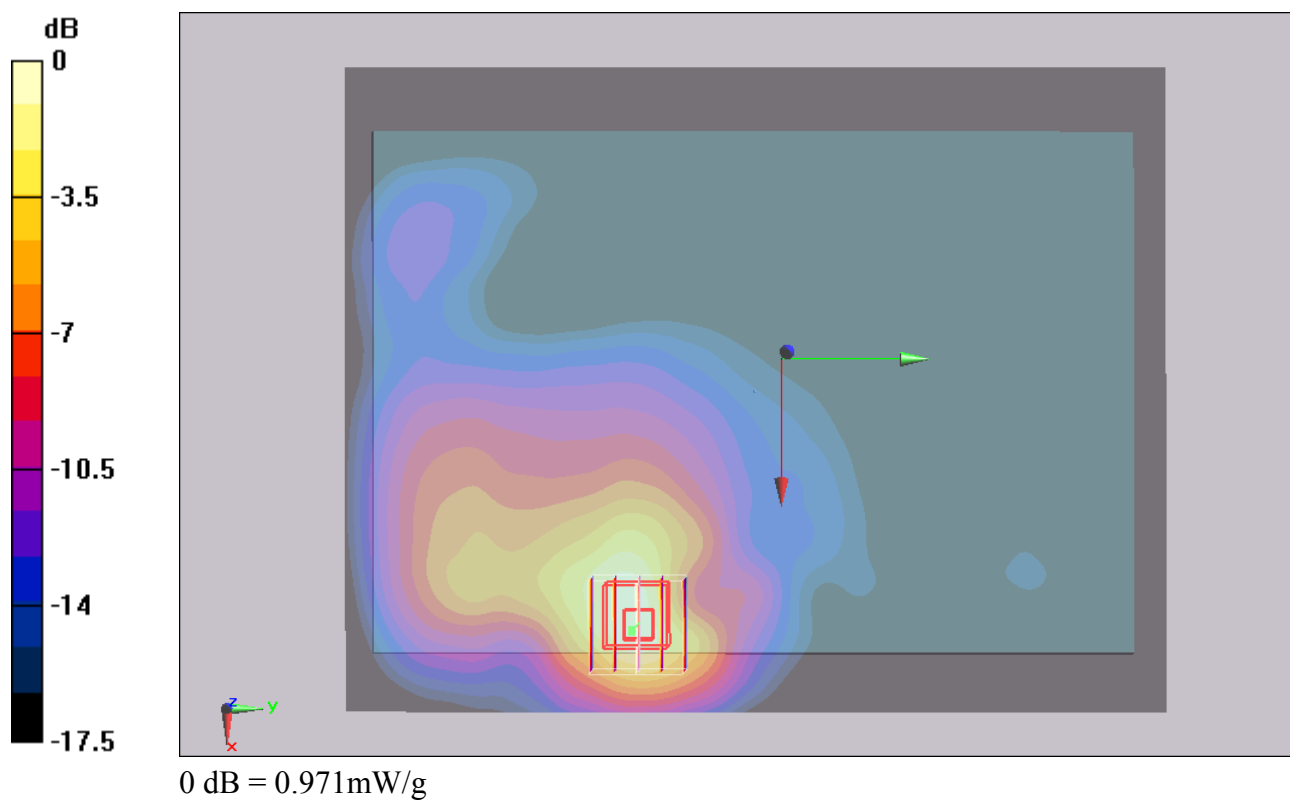
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.95 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.888 mW/g; SAR(10 g) = 0.538 mW/g

Maximum value of SAR (measured) = 0.971 mW/g



#55 WCDMA II_RMC12.2K_Bottom Face_0.8cm_Ch9400

DUT: 290555

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

Medium: MSL_1900_120908 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.6$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.888 mW/g

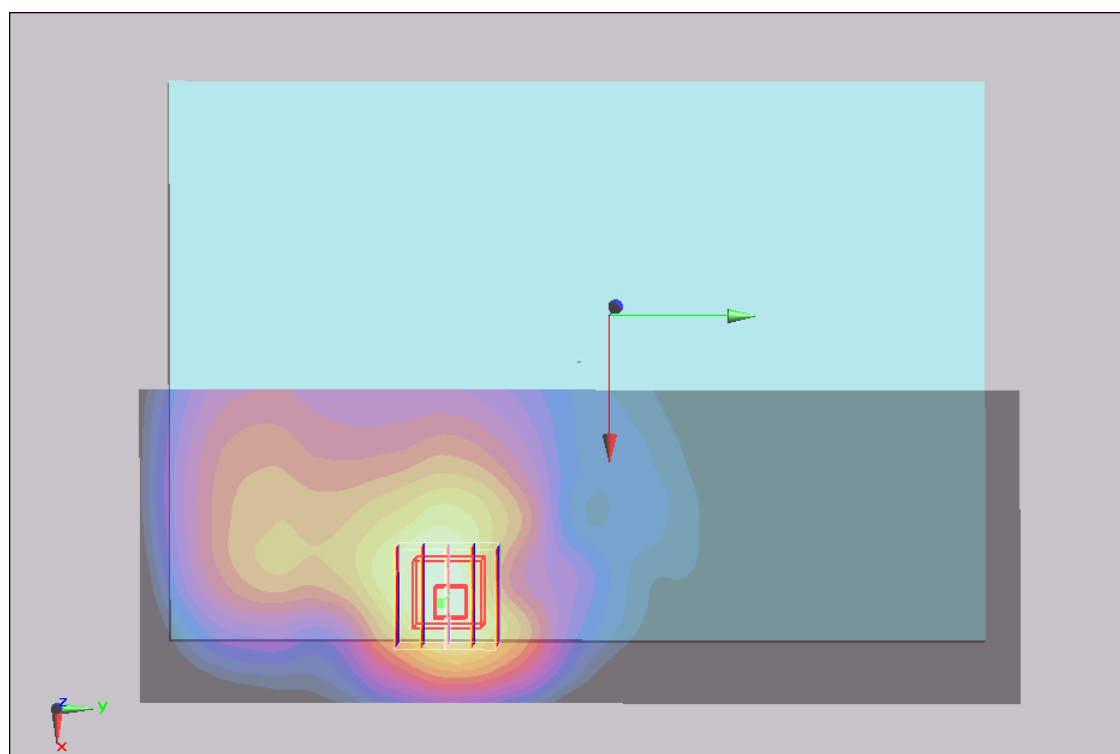
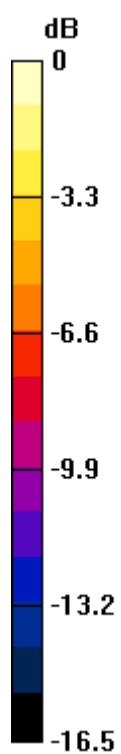
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.31 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.852 mW/g; SAR(10 g) = 0.511 mW/g

Maximum value of SAR (measured) = 0.925 mW/g



0 dB = 0.925mW/g

#56 WCDMA II_RMC12.2K_Bottom Face_0.8cm_Ch9538

DUT: 290555

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

Medium: MSL_1900_120908 Medium parameters used: $f = 1908$ 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: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

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

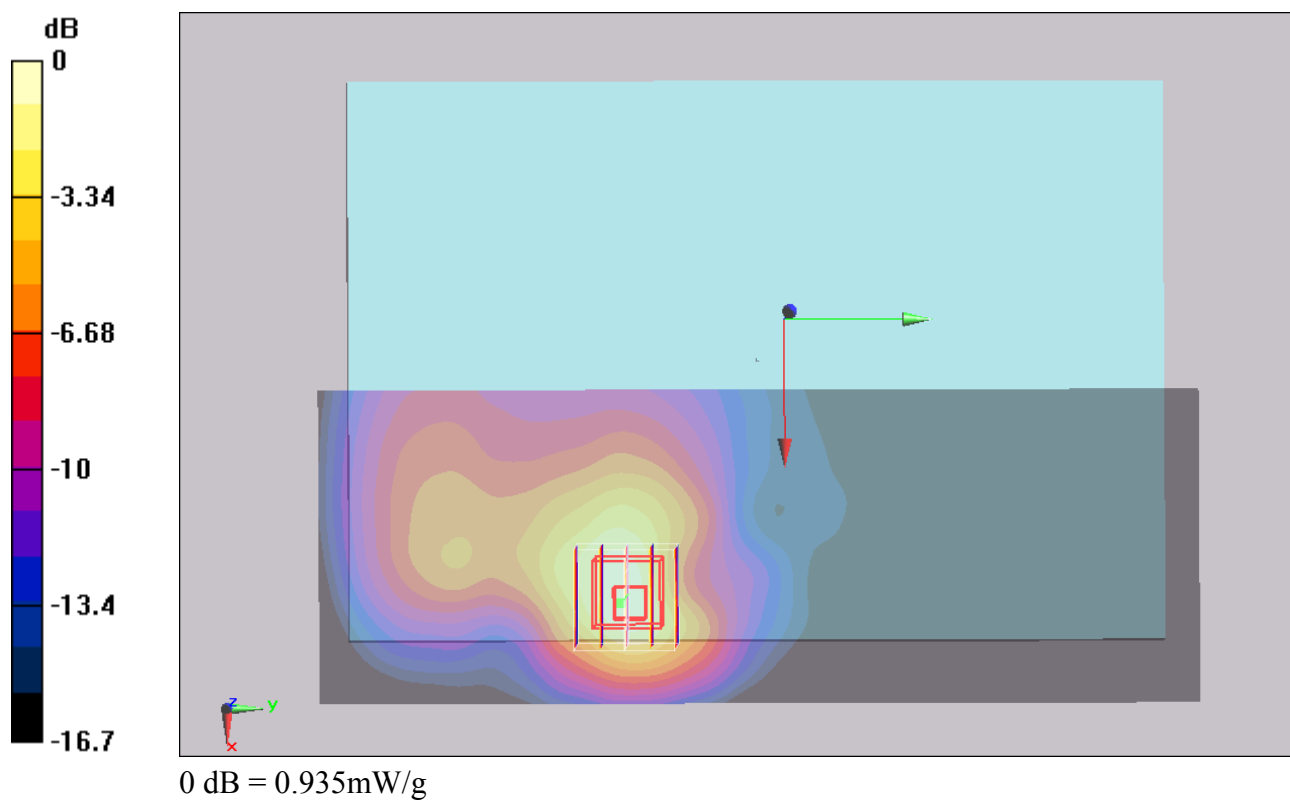
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.87 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.511 mW/g

Maximum value of SAR (measured) = 0.935 mW/g



#52 WCDMA II_RMC12.2K_Edge4_0cm_Ch9262

DUT: 290555

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

Medium: MSL_1900_120908 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r =$

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: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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 (31x101x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.257 mW/g

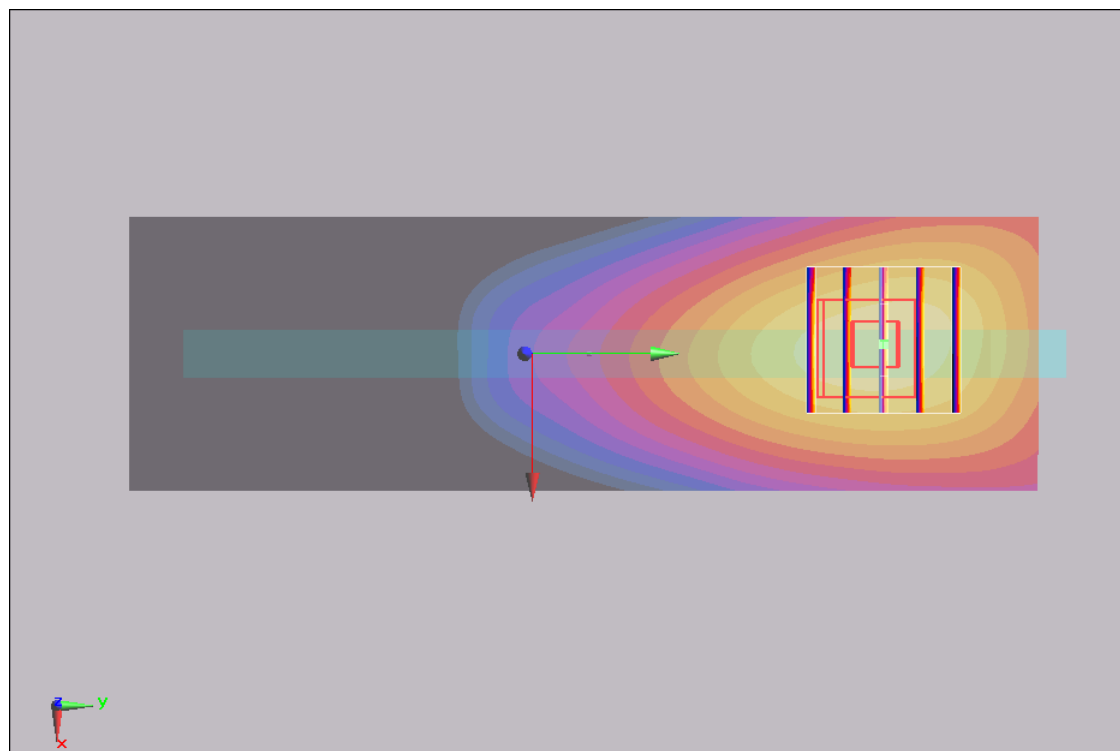
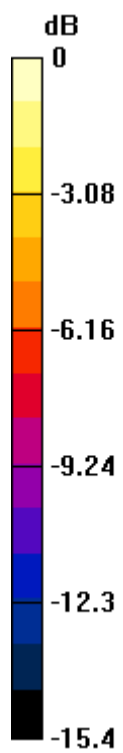
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.99 V/m ; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.532 W/kg

SAR(1 g) = 0.298 mW/g ; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.339 mW/g



0 dB = 0.339mW/g

#65 WCDMA II_RMC12.2K_Bottom Face_0cm_Ch9262

DUT: 290555

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

Medium: MSL_1900_120908 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.39 mW/g

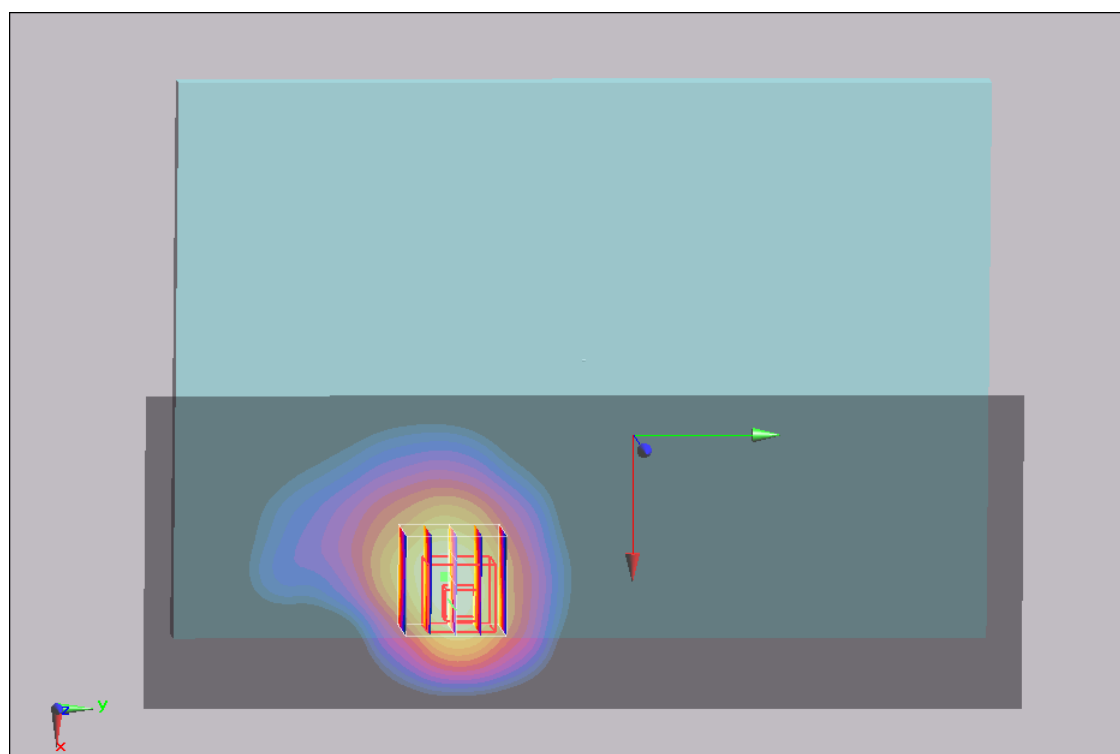
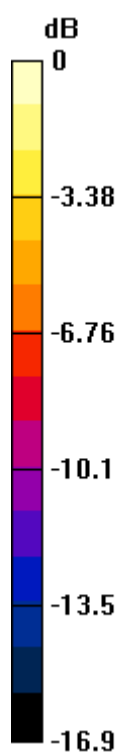
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.02 V/m; Power Drift = -0.162 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.745 mW/g

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



0 dB = 1.45mW/g

#65 WCDMA II_RMC12.2K_Bottom Face_0cm_Ch9262_2D**DUT: 290555**

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

Medium: MSL_1900_120908 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r =$ 54.7 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.39 mW/g

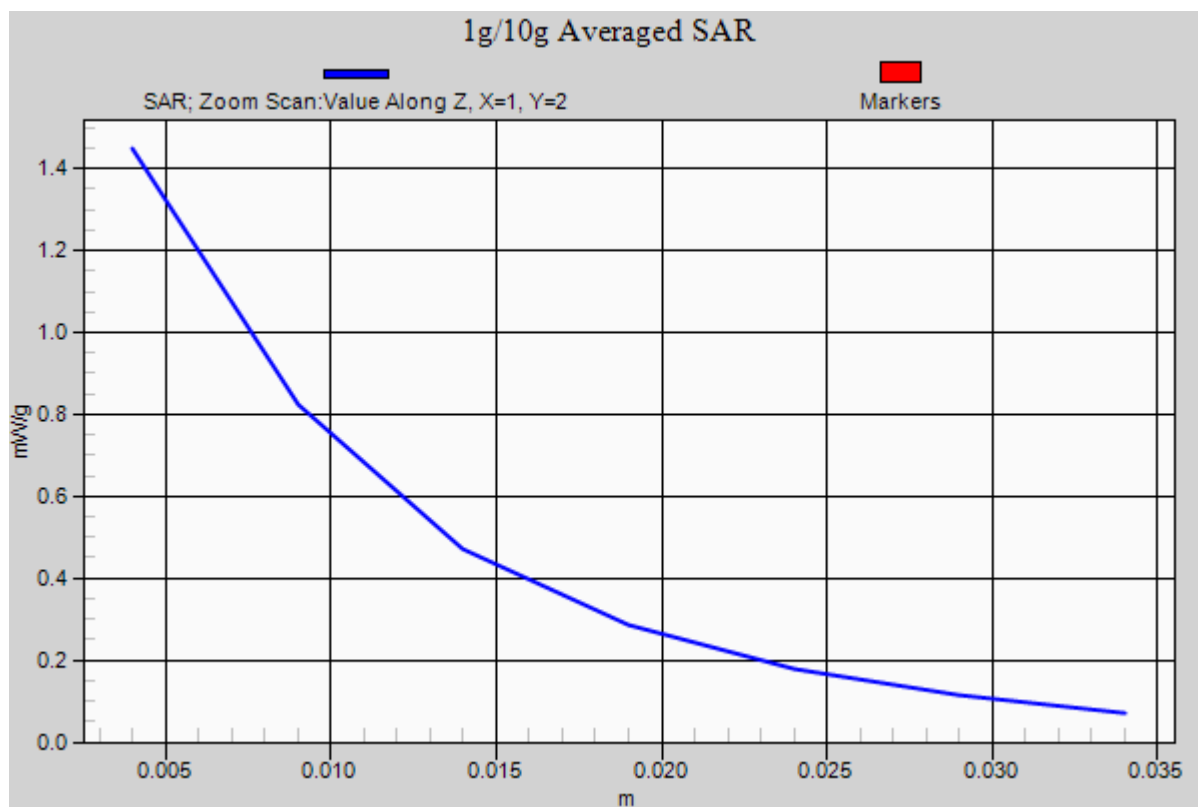
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.02 V/m; Power Drift = -0.162 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.745 mW/g

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



#78 WCDMA II_RMC12.2K_Bottom Face_0cm_Ch9400

DUT: 290555

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

Medium: MSL_1900_120908 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.6$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

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

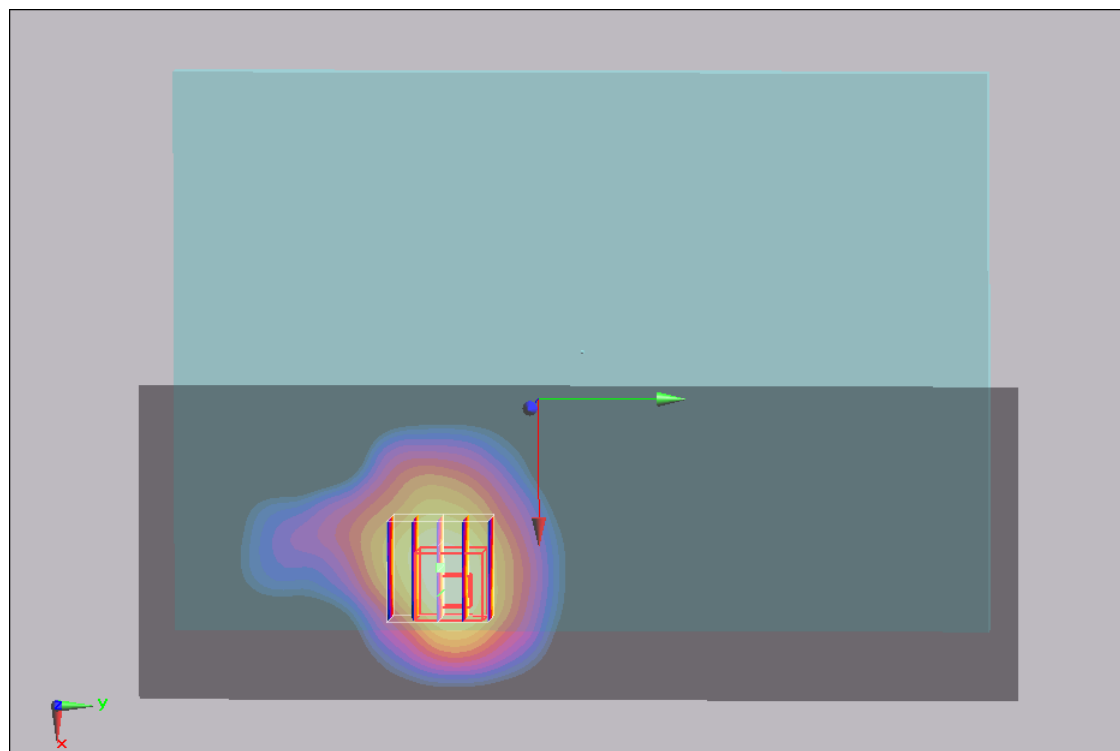
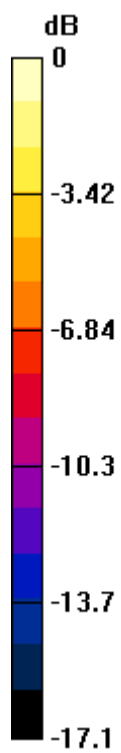
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.582 V/m; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.730 mW/g

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



0 dB = 1.41mW/g

#79 WCDMA II_RMC12.2K_Bottom Face_0cm_Ch9538

DUT: 290555

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

Medium: MSL_1900_120908 Medium parameters used: $f = 1908$ 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: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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 (51x141x1): Measurement grid: dx=20mm, dy=20mm

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

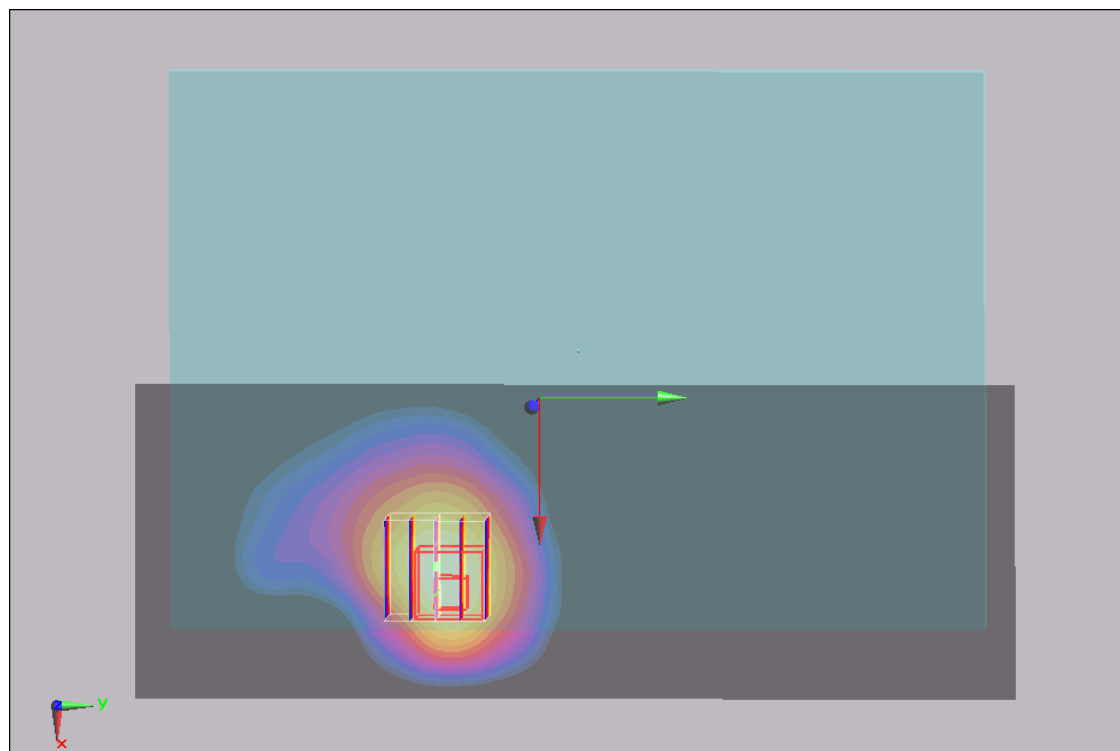
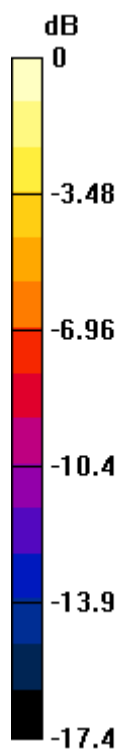
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.830 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 2.3 W/kg

SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.726 mW/g

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



0 dB = 1.42mW/g

#80 WCDMA II_RMC12.2K_Edge1_0cm_Ch9262

DUT: 290555

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

Medium: MSL_1900_120908 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 54.7$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- 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 (31x141x1): Measurement grid: dx=20mm, dy=20mm

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

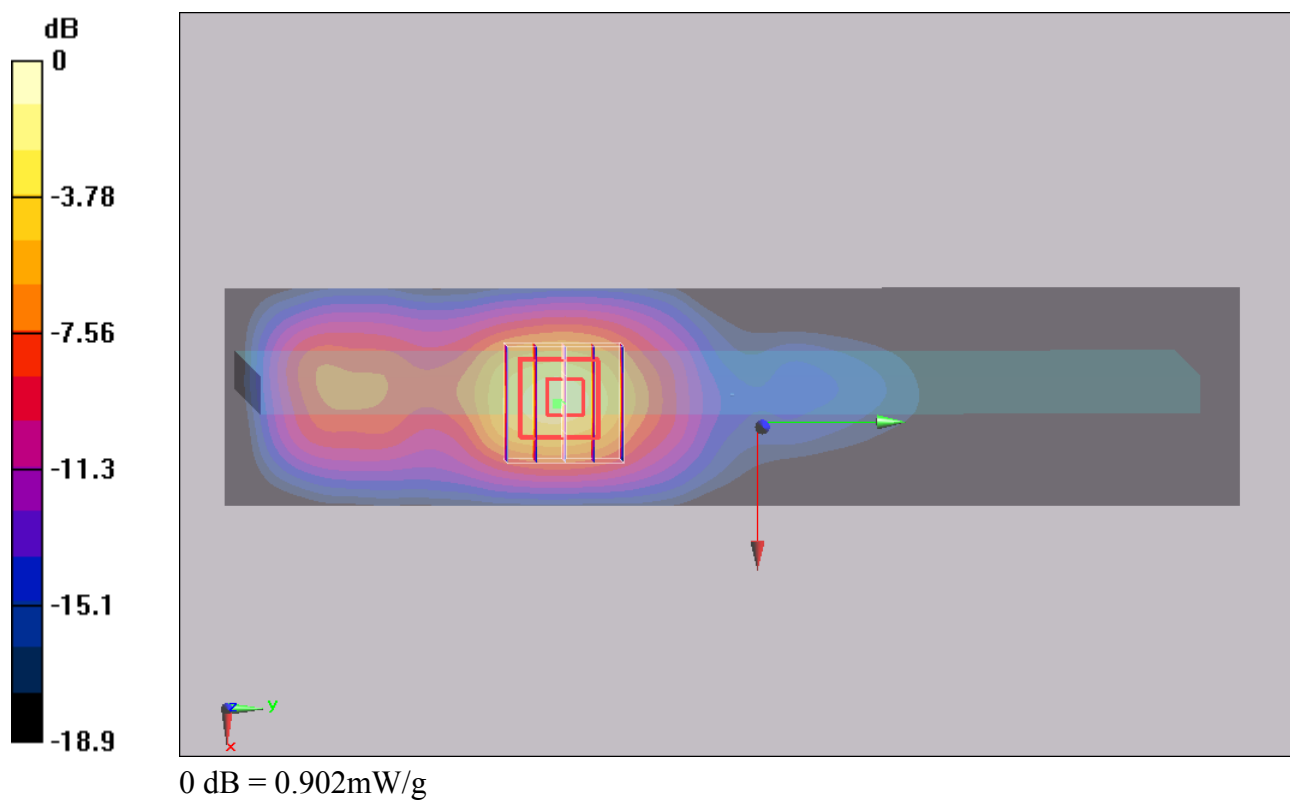
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.32 V/m; Power Drift = -0.176 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.783 mW/g; SAR(10 g) = 0.399 mW/g

Maximum value of SAR (measured) = 0.902 mW/g



#105 WCDMA II_HSDPA_Bottom Face_0cm_Ch9262**DUT: 290555**

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

Medium: MSL_1900_120925 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.463$ mho/m; $\epsilon_r = 53.483$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

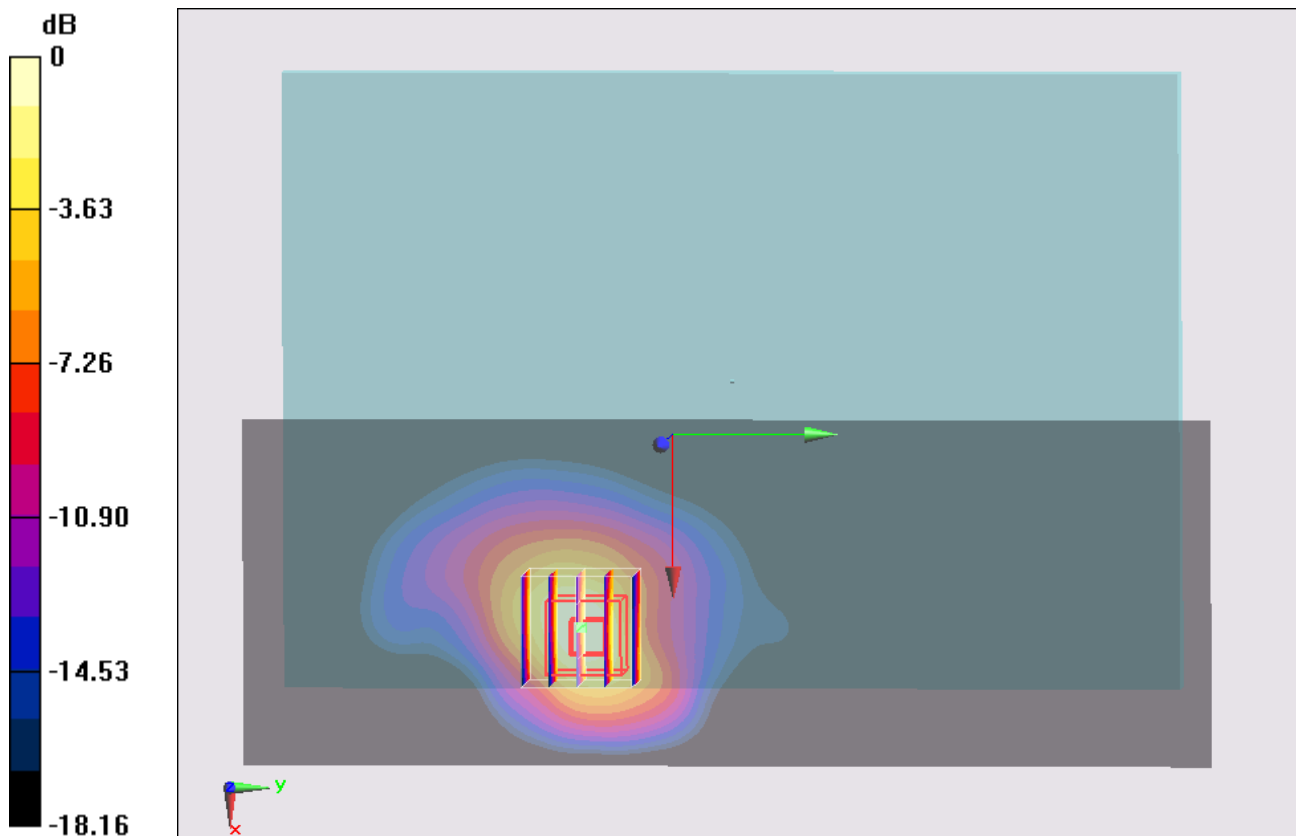
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.017 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.255 mW/g

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.690 mW/g

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



0 dB = 1.36 W/kg = 2.67 dB W/kg

#94 WCDMA II_HSDPA_Bottom Face_0cm_Ch9400**DUT: 290555**

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

Medium: MSL_1900_120925 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.484$ mho/m; $\epsilon_r = 53.379$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.23 W/kg

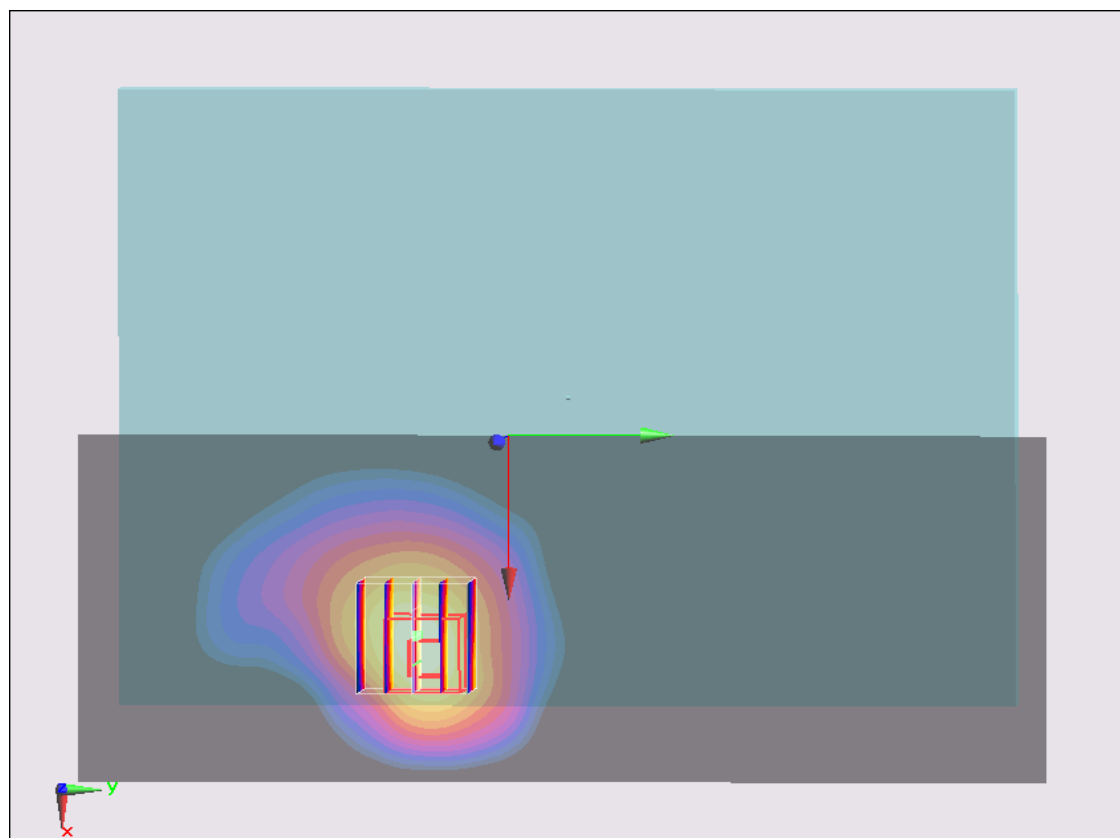
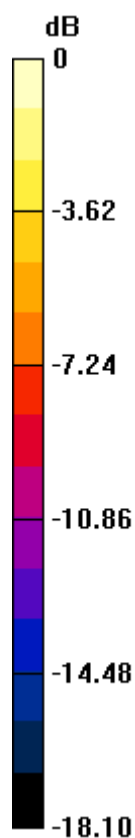
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.304 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.358 mW/g

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.636 mW/g

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 2.41 dB W/kg

#106 WCDMA II_HSDPA_Bottom Face_0cm_Ch9538**DUT: 290555**

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

Medium: MSL_1900_120925 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r = 53.218$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.35 W/kg

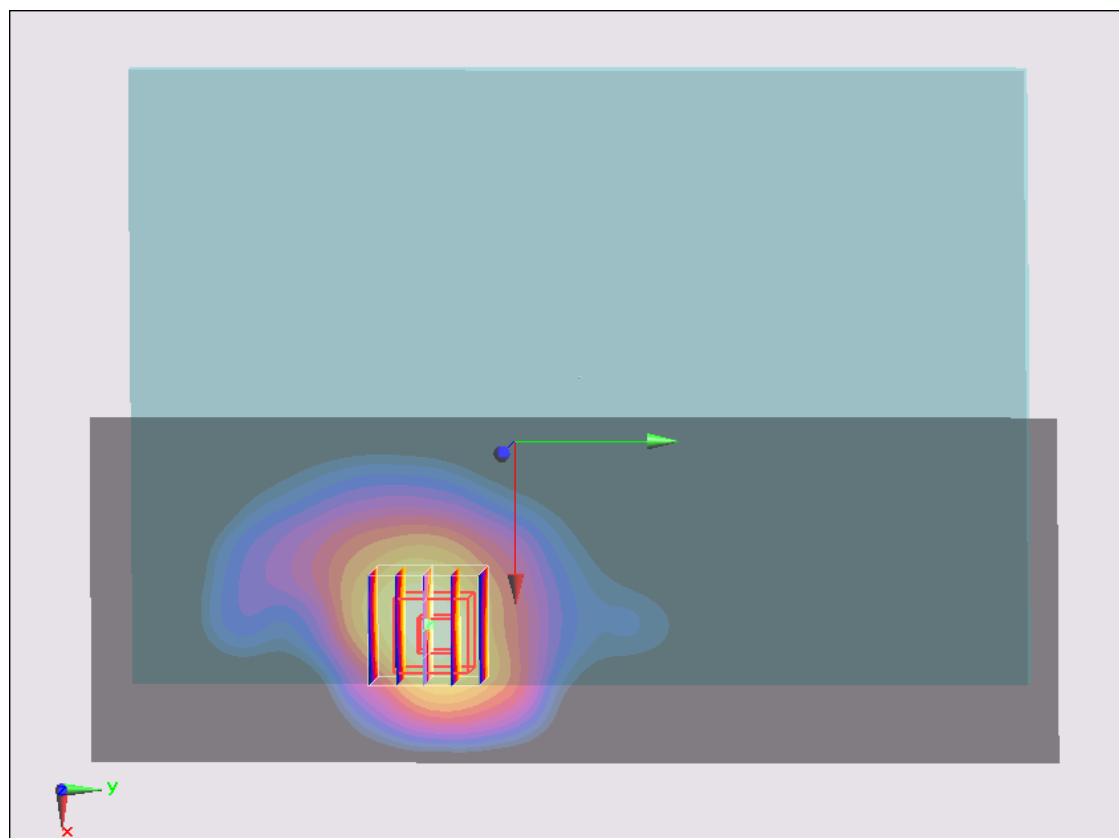
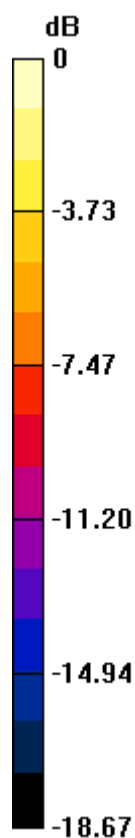
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.829 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.177 mW/g

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.654 mW/g

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 2.41 dB W/kg

#107 WCDMA II_HSUPA_Bottom Face_0cm_Ch9262**DUT: 290555**

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

Medium: MSL_1900_120925 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.463$ mho/m; $\epsilon_r = 53.483$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.46 W/kg

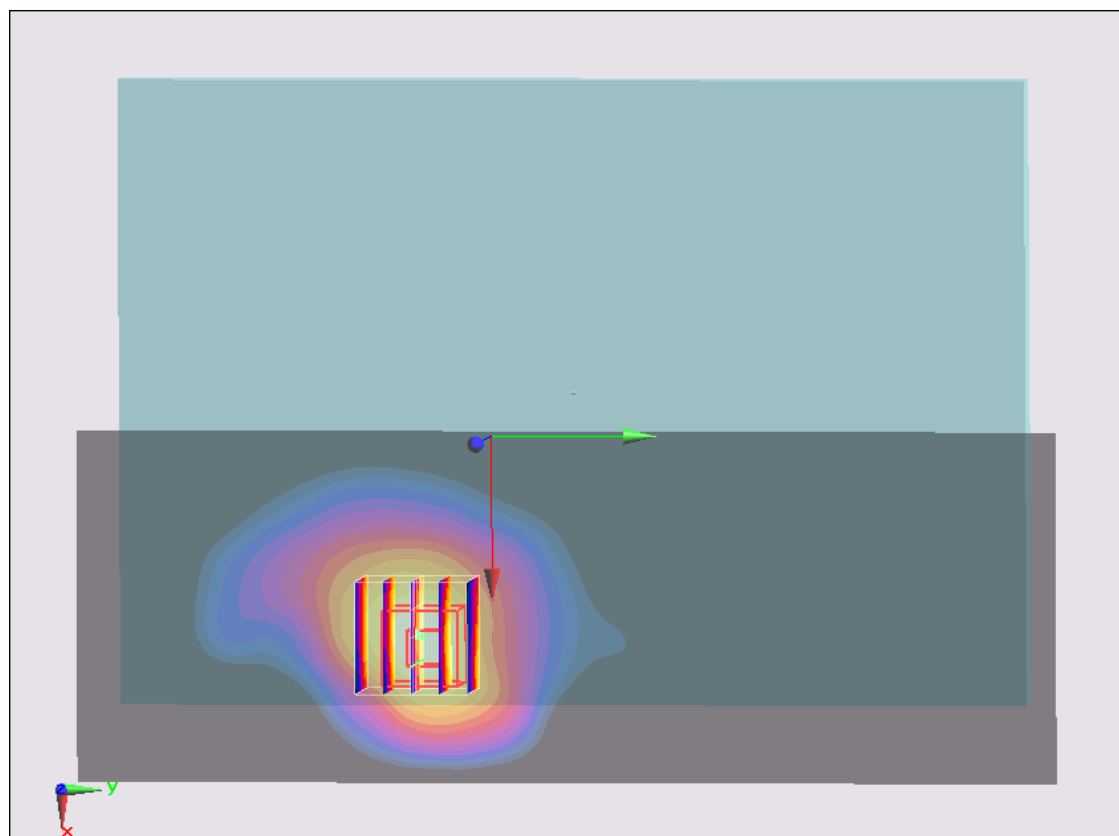
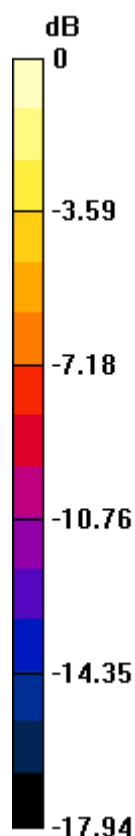
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.742 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.217 mW/g

SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.707 mW/g

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg = 2.80 dB W/kg

#95 WCDMA II_HSUPA_Bottom Face_0cm_Ch9400**DUT: 290555**

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

Medium: MSL_1900_120925 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.484$ mho/m; $\epsilon_r = 53.379$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.30 W/kg

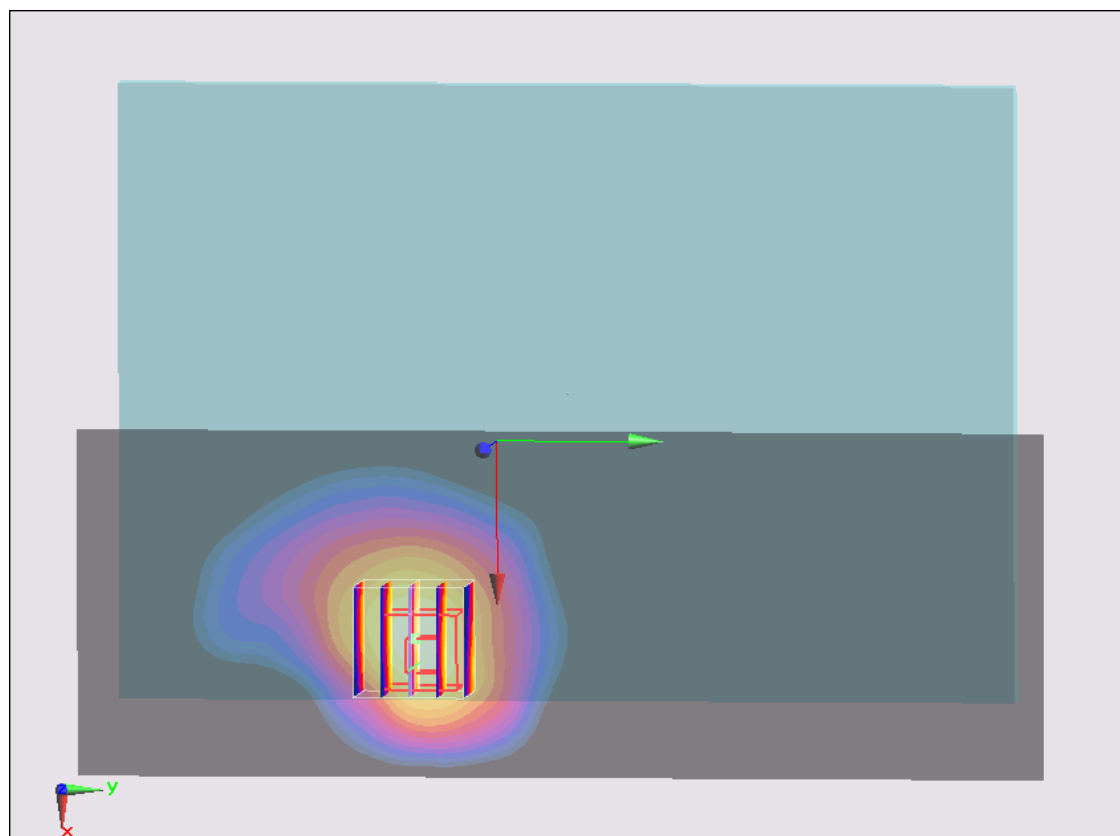
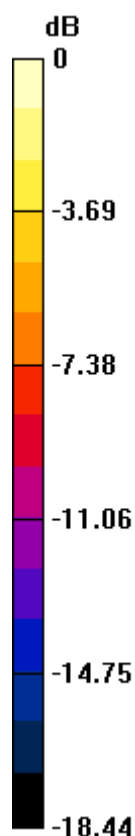
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.617 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.488 mW/g

SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.645 mW/g

Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 2.48 dB W/kg

#108 WCDMA II_HSUPA_Bottom Face_0cm_Ch9538**DUT: 290555**

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

Medium: MSL_1900_120925 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r = 53.218$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.69, 6.69, 6.69); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.35 W/kg

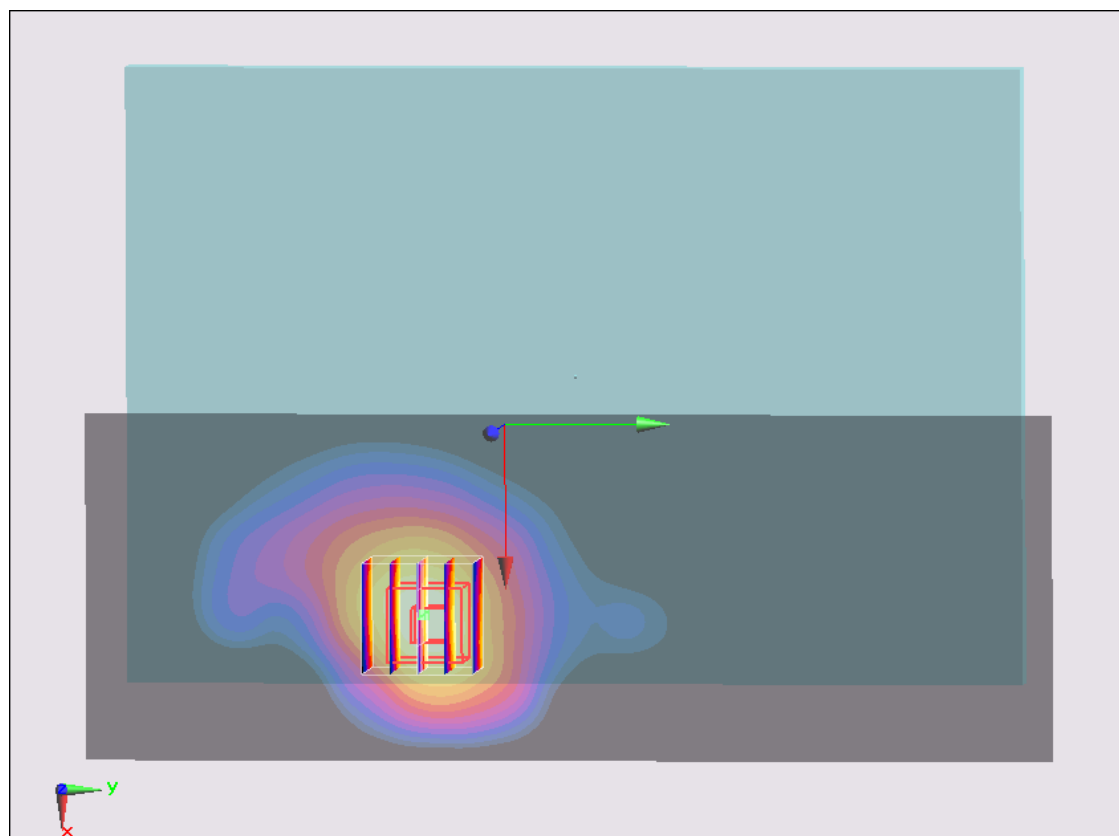
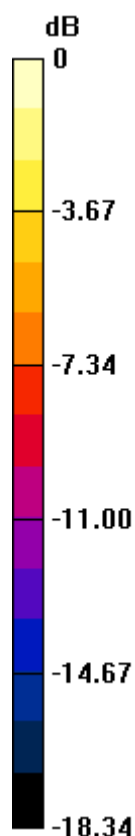
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.989 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.059 mW/g

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.646 mW/g

Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 2.14 dB W/kg

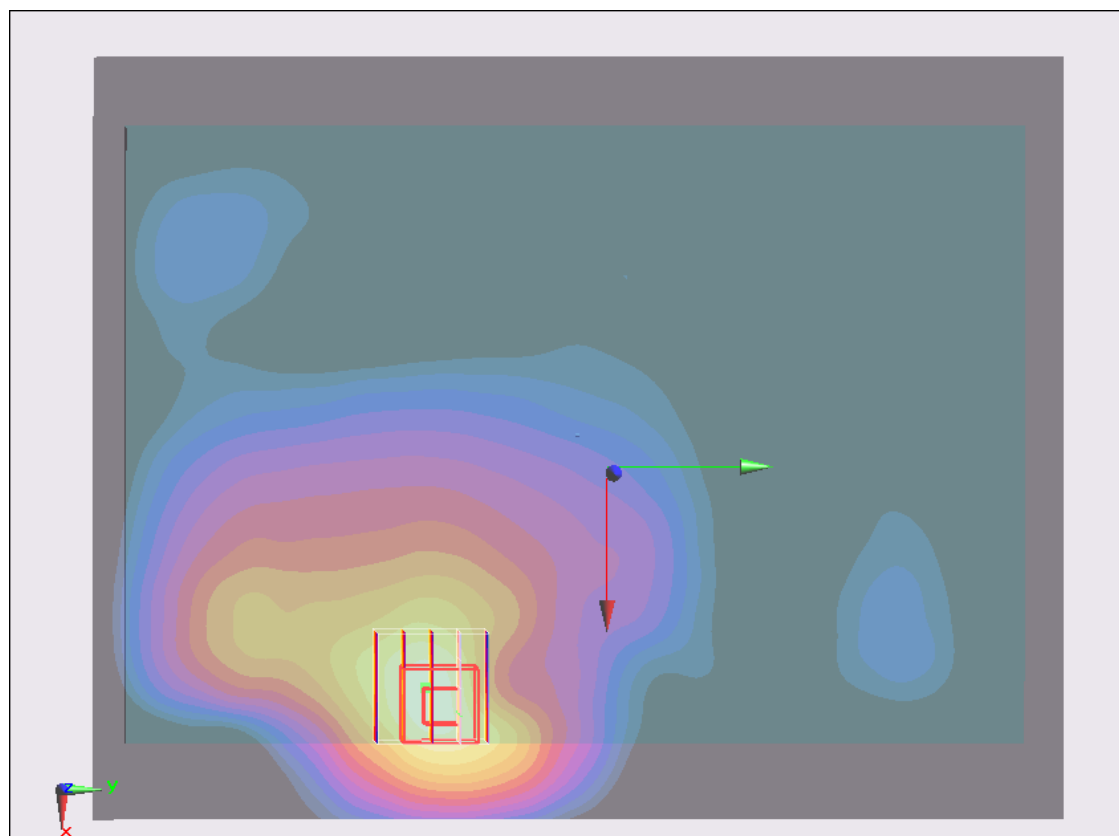
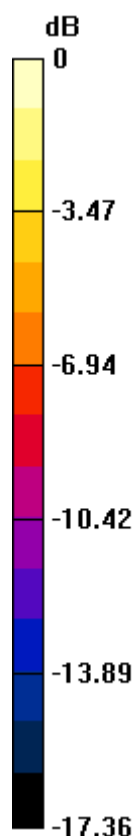
#98 WCDMA IV_RMC12.2K_Bottom Face_0.8cm_Ch1513**DUT: 290555**

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

Medium: MSL_1750_120925 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.729$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.7°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch1513/Area Scan (111x141x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 1.05 W/kg **Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 6.261 V/m ; Power Drift = 0.05 dB Peak SAR (extrapolated) = 1.776 mW/g **SAR(1 g) = 1.08 mW/g ; SAR(10 g) = 0.626 mW/g** Maximum value of SAR (measured) = 1.16 W/kg  $0 \text{ dB} = 1.16 \text{ W/kg} = 1.29 \text{ dB W/kg}$

#81 WCDMA IV_RMC12.2K_Bottom Face_0.8cm_Ch1312**DUT: 290555**

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

Medium: MSL_1750_120925 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 51.92$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch1312/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

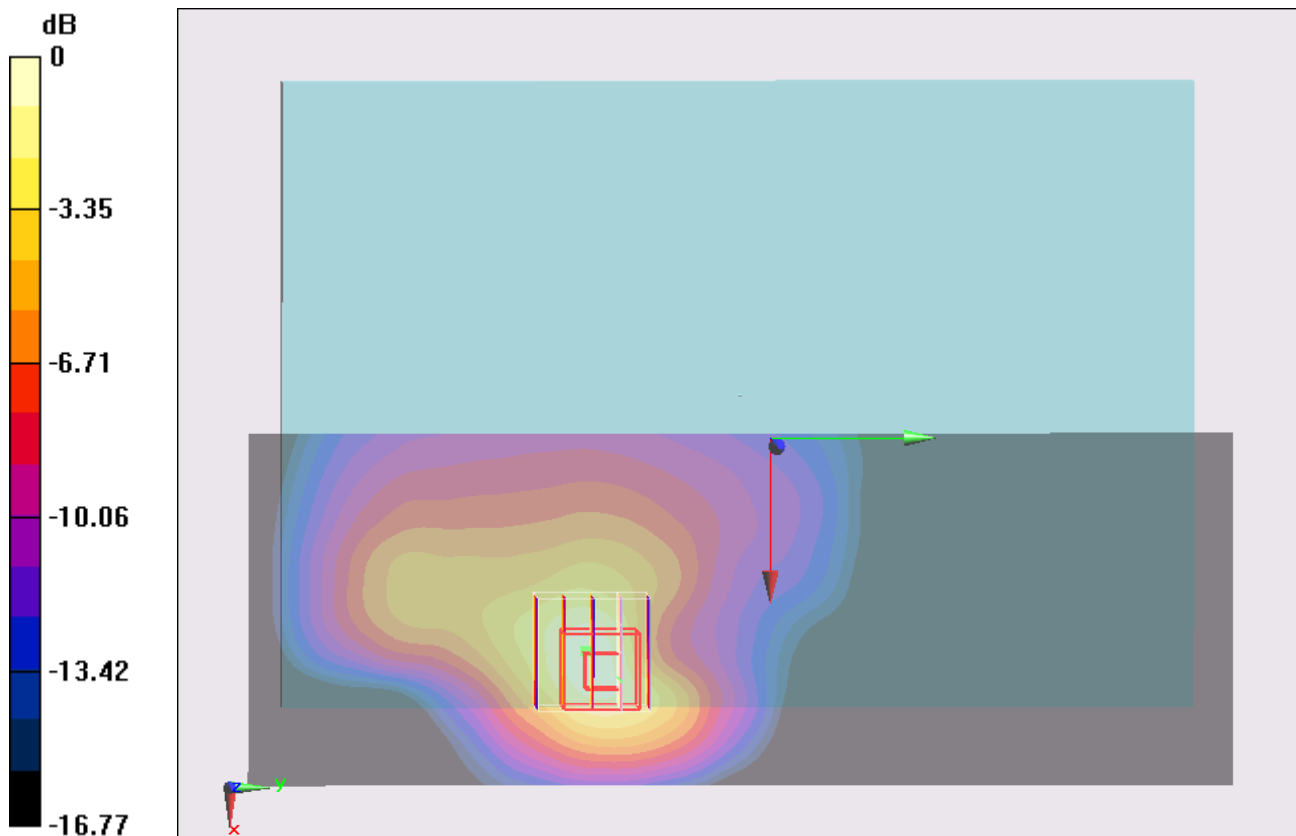
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.442 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.736 mW/g

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.621 mW/g

Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 1.21 dB W/kg

#82 WCDMA IV_RMC12.2K_Bottom Face_0.8cm_Ch1413**DUT: 290555**

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

Medium: MSL_1750_120925 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 51.814$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

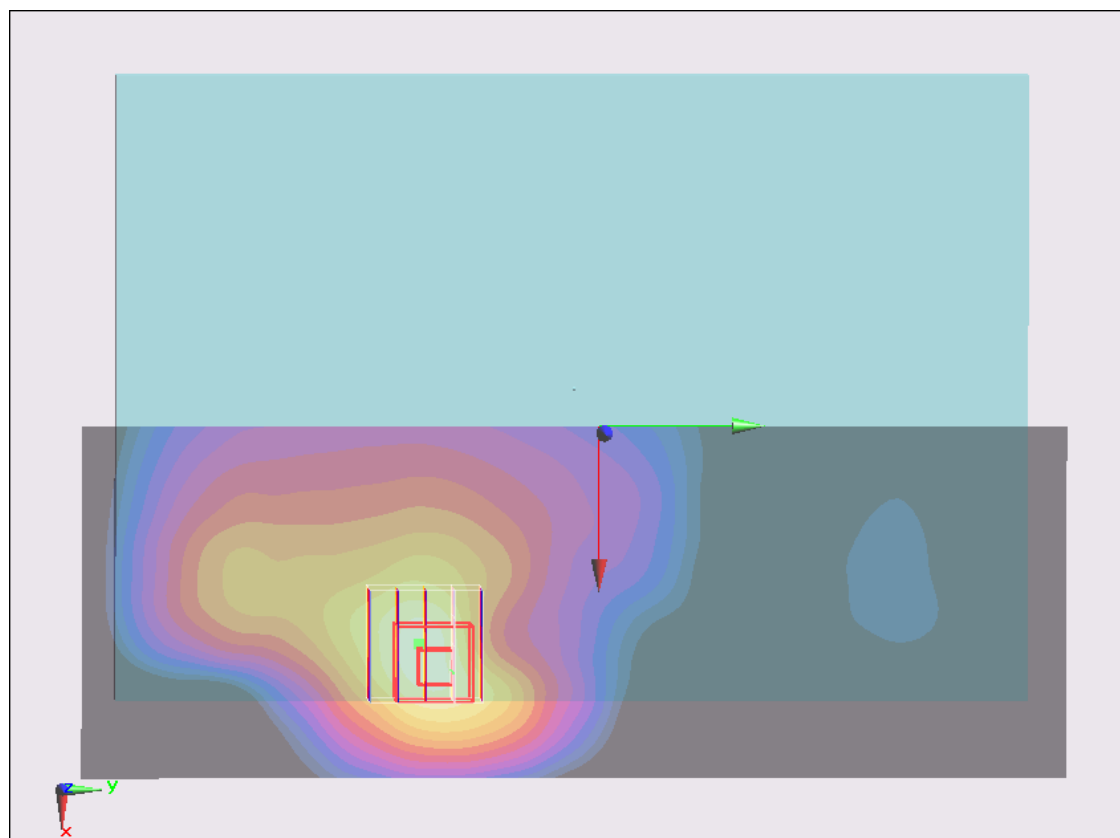
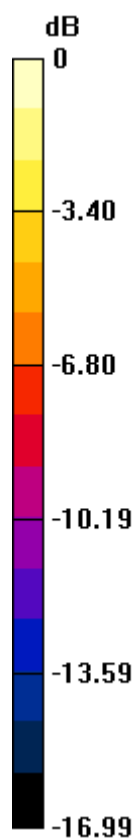
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.220 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.723 mW/g

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.612 mW/g

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



0 dB = 1.14 W/kg = 1.14 dB W/kg

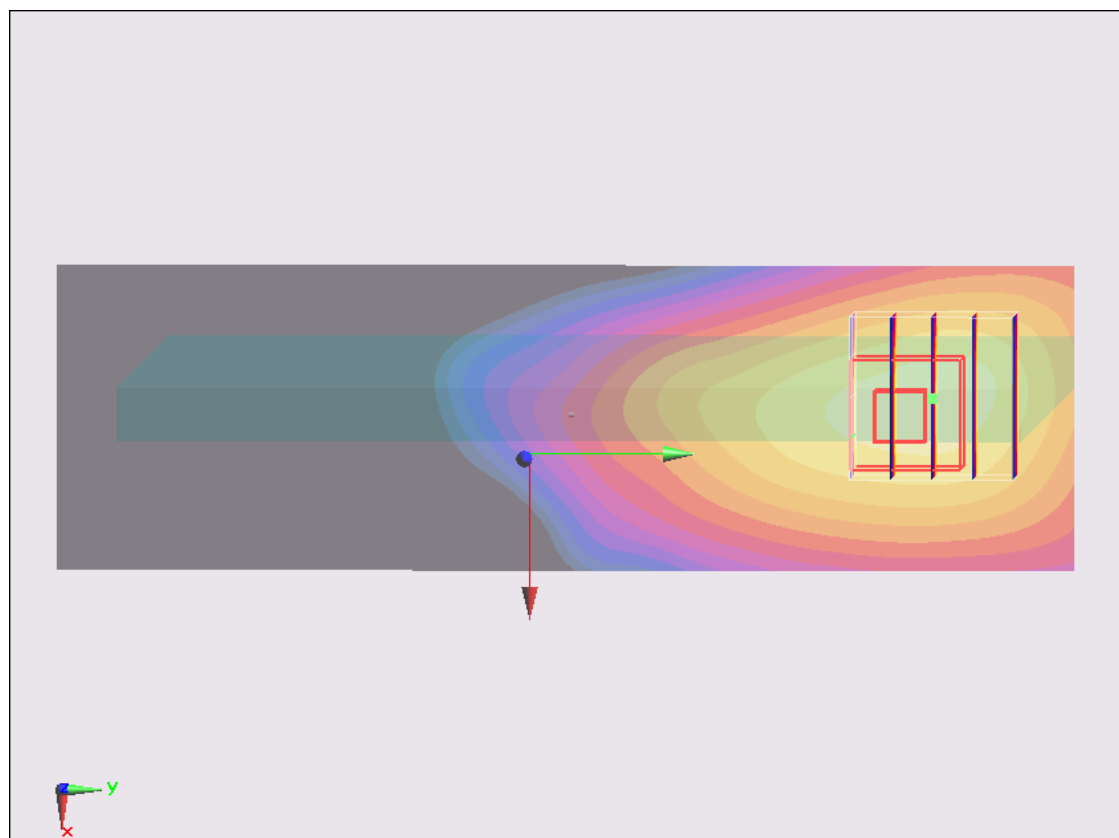
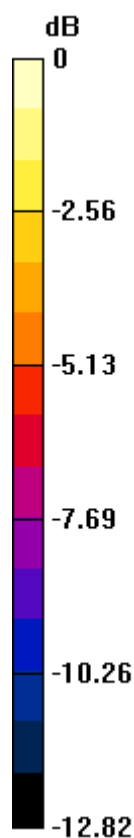
#83 WCDMA IV_RMC12.2K_Edge4_0cm_Ch1513**DUT: 290555**

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

Medium: MSL_1750_120925 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.729$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.7°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch1513/Area Scan (31x101x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.152 W/kg **Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 6.527 V/m ; Power Drift = 0.19 dB Peak SAR (extrapolated) = 0.323 mW/g **SAR(1 g) = 0.186 mW/g ; SAR(10 g) = 0.107 mW/g** Maximum value of SAR (measured) = 0.194 W/kg  $0 \text{ dB} = 0.194 \text{ W/kg} = -14.24 \text{ dB W/kg}$

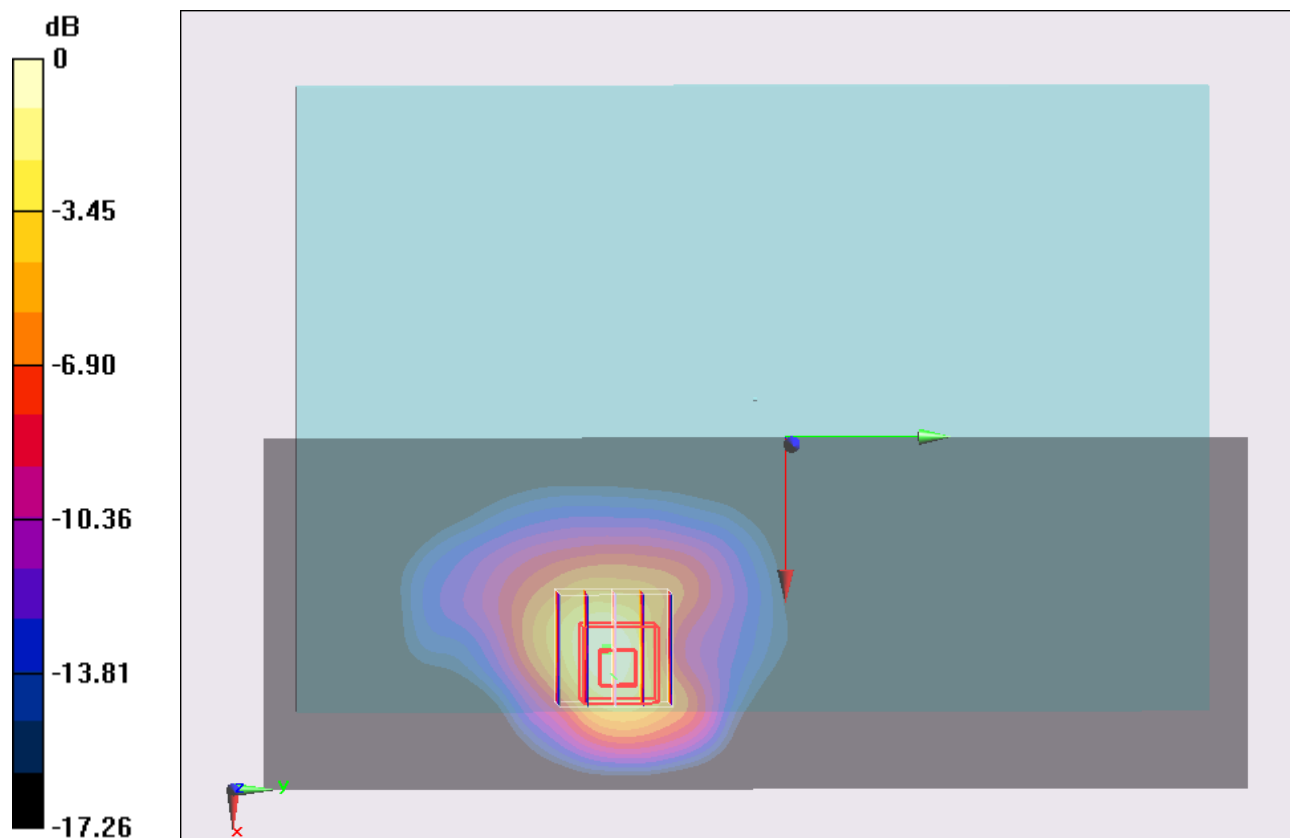
#88 WCDMA IV_RMC12.2K_Bottom Face_0cm_Ch1513**DUT: 290555**

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

Medium: MSL_1750_120925 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.729$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.7°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch1513/Area Scan (51x141x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 1.42 W/kg **Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 0.799 V/m ; Power Drift = 0.05 dB Peak SAR (extrapolated) = 2.523 mW/g **SAR(1 g) = 1.35 mW/g ; SAR(10 g) = 0.714 mW/g** Maximum value of SAR (measured) = 1.44 W/kg  $0 \text{ dB} = 1.44 \text{ W/kg} = 3.17 \text{ dB W/kg}$

#89 WCDMA IV_RMC12.2K_Bottom Face_0cm_Ch1312**DUT: 290555**

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

Medium: MSL_1750_120925 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 51.92$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch1312/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.34 W/kg

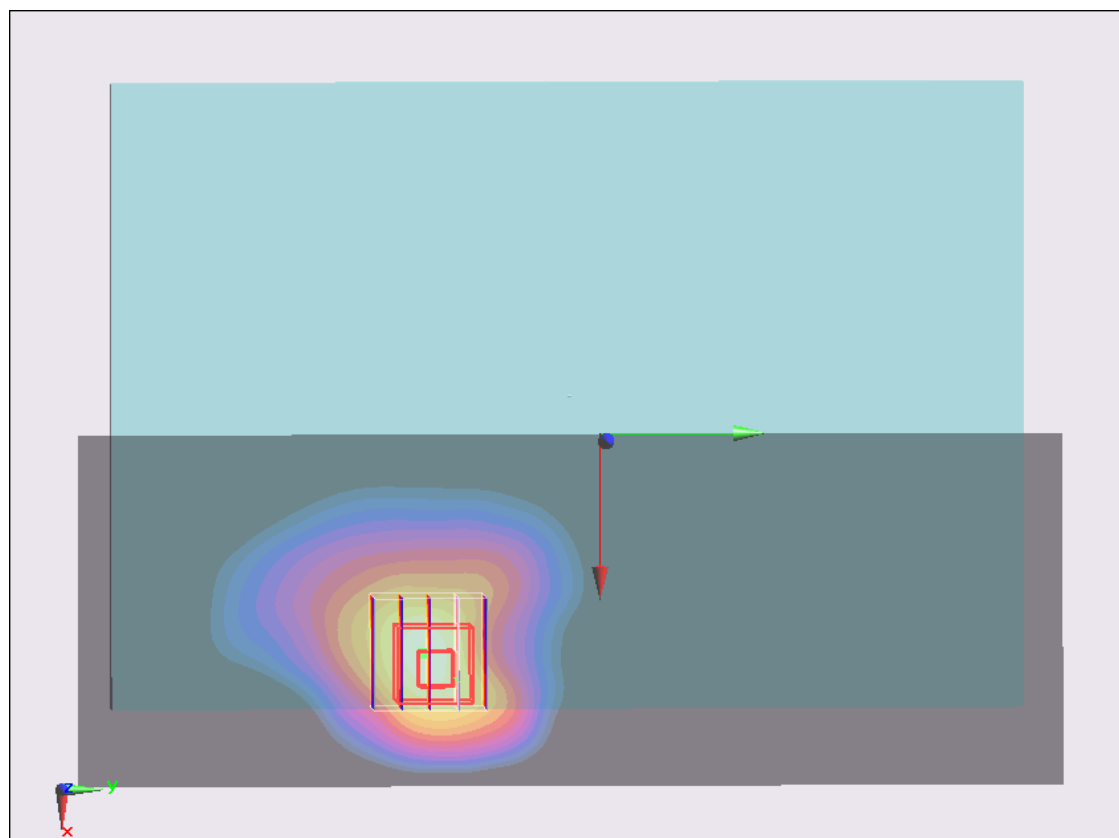
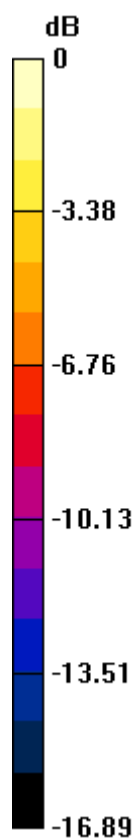
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.947 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.532 mW/g

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.701 mW/g

Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 3.05 dB W/kg

#90 WCDMA IV_RMC12.2K_Bottom Face_0cm_Ch1413**DUT: 290555**

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

Medium: MSL_1750_120925 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 51.814$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

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

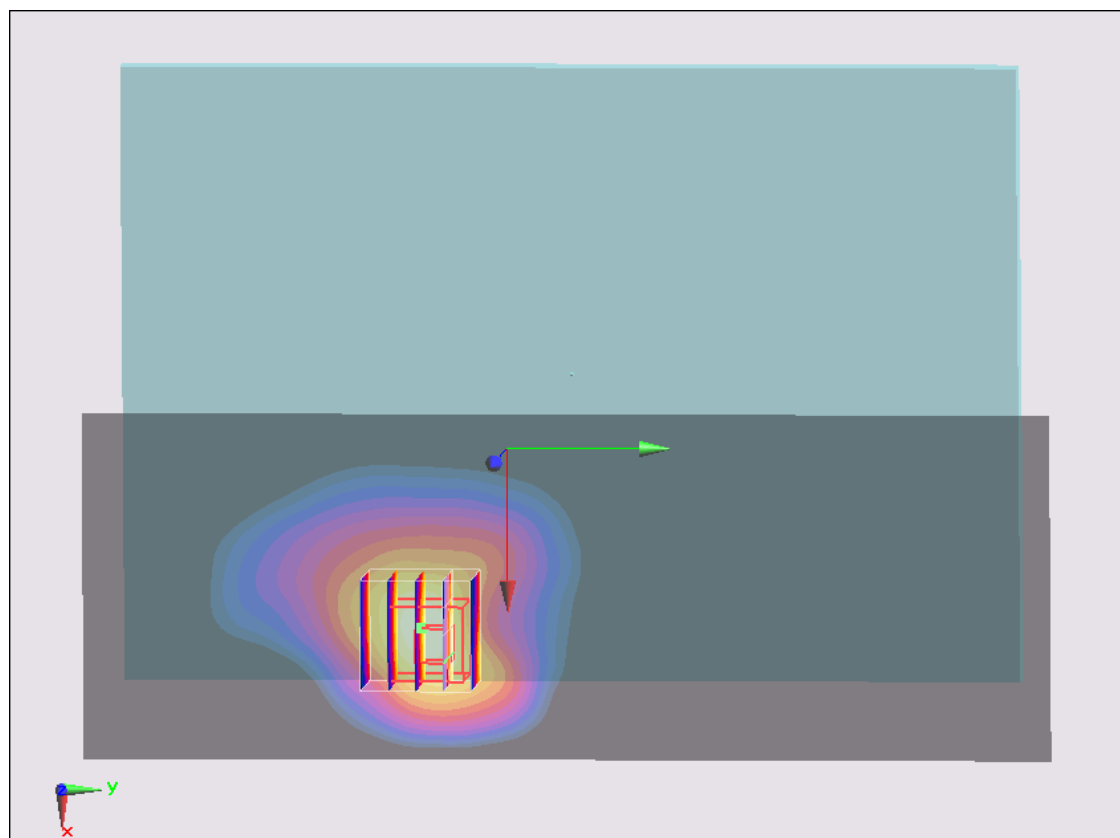
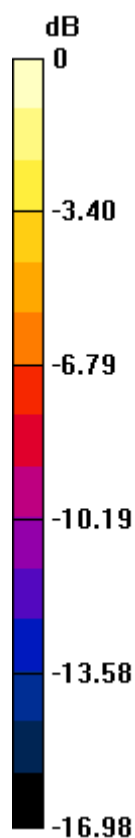
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.095 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.609 mW/g

SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.725 mW/g

Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 3.29 dB W/kg

#90 WCDMA IV_RMC12.2K_Bottom Face_0cm_Ch1413_2D**DUT: 290555**

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

Medium: MSL_1750_120925 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 51.814$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

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

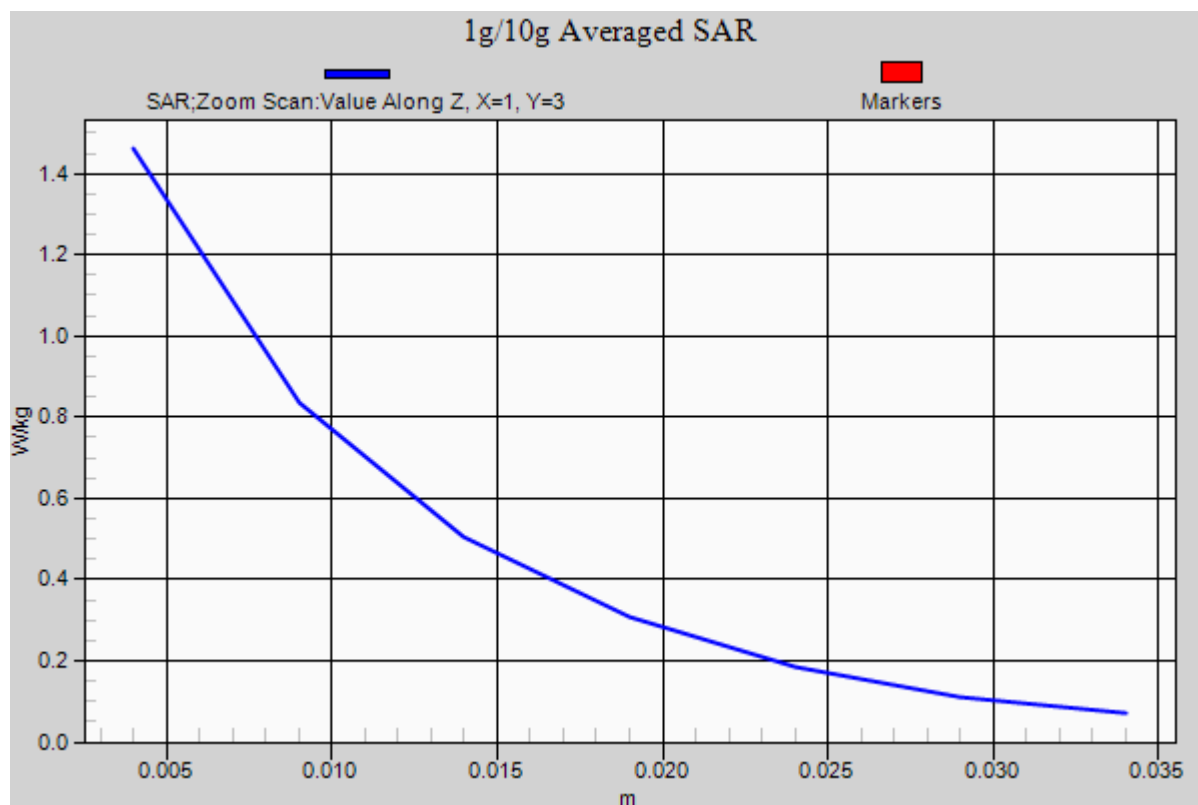
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.095 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.609 mW/g

SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.725 mW/g

Maximum value of SAR (measured) = 1.46 W/kg



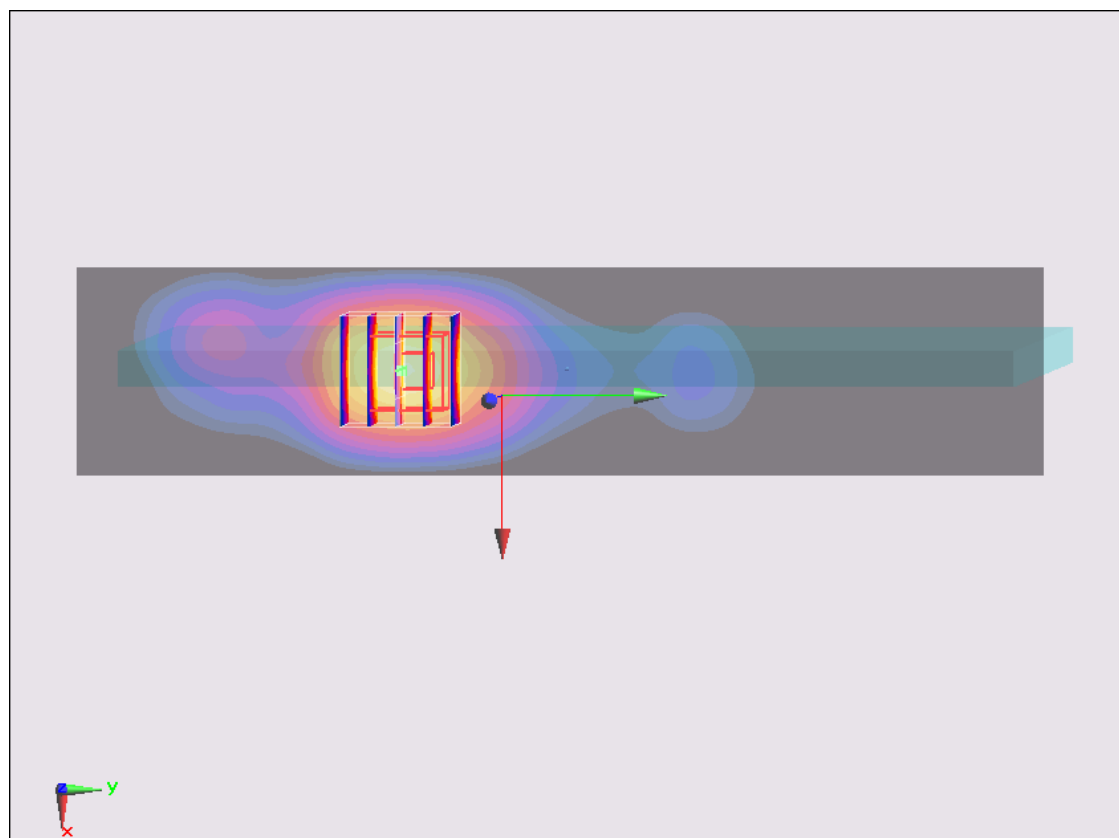
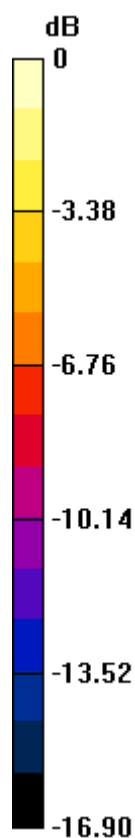
#91 WCDMA IV_RMC12.2K_Edge1_0cm_Ch1513**DUT: 290555**

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

Medium: MSL_1750_120925 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.729$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.7°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch1513/Area Scan (31x141x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 0.765 W/kg **Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 8.961 V/m ; Power Drift = 0.07 dB Peak SAR (extrapolated) = 1.540 mW/g **SAR(1 g) = 0.855 mW/g ; SAR(10 g) = 0.440 mW/g** Maximum value of SAR (measured) = 0.954 W/kg  $0 \text{ dB} = 0.954 \text{ W/kg} = -0.41 \text{ dB W/kg}$

#99 WCDMA IV_RMC12.2K_Edge1_0cm_Ch1312**DUT: 290555**

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

Medium: MSL_1750_120925 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 51.92$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch1312/Area Scan (31x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.682 W/kg

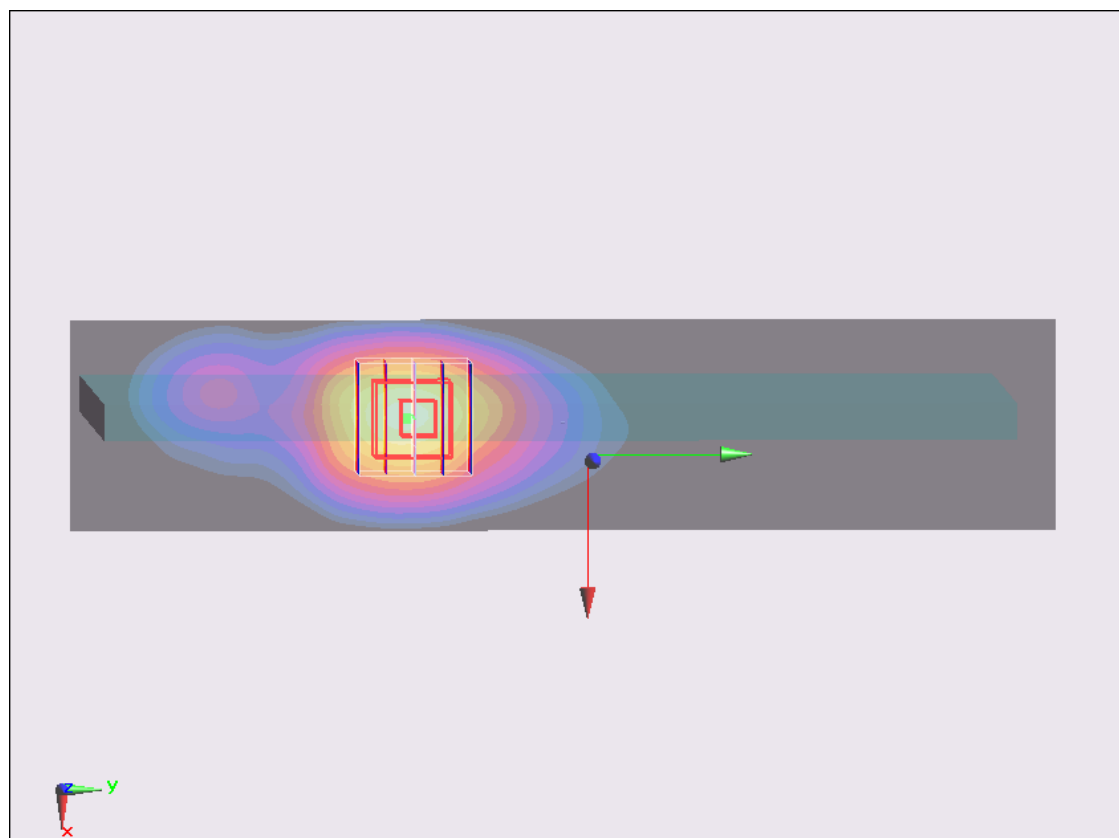
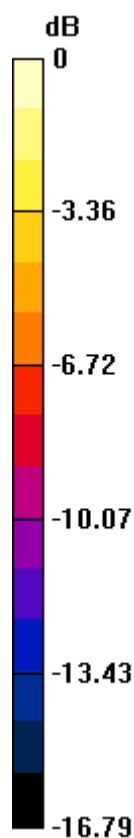
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.424 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.116 mW/g

SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 0.788 W/kg



0 dB = 0.788 W/kg = -2.07 dB W/kg

#100 WCDMA IV_RMC12.2K_Edge1_0cm_Ch1413**DUT: 290555**

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

Medium: MSL_1750_120925 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 51.814$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (31x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.666 W/kg

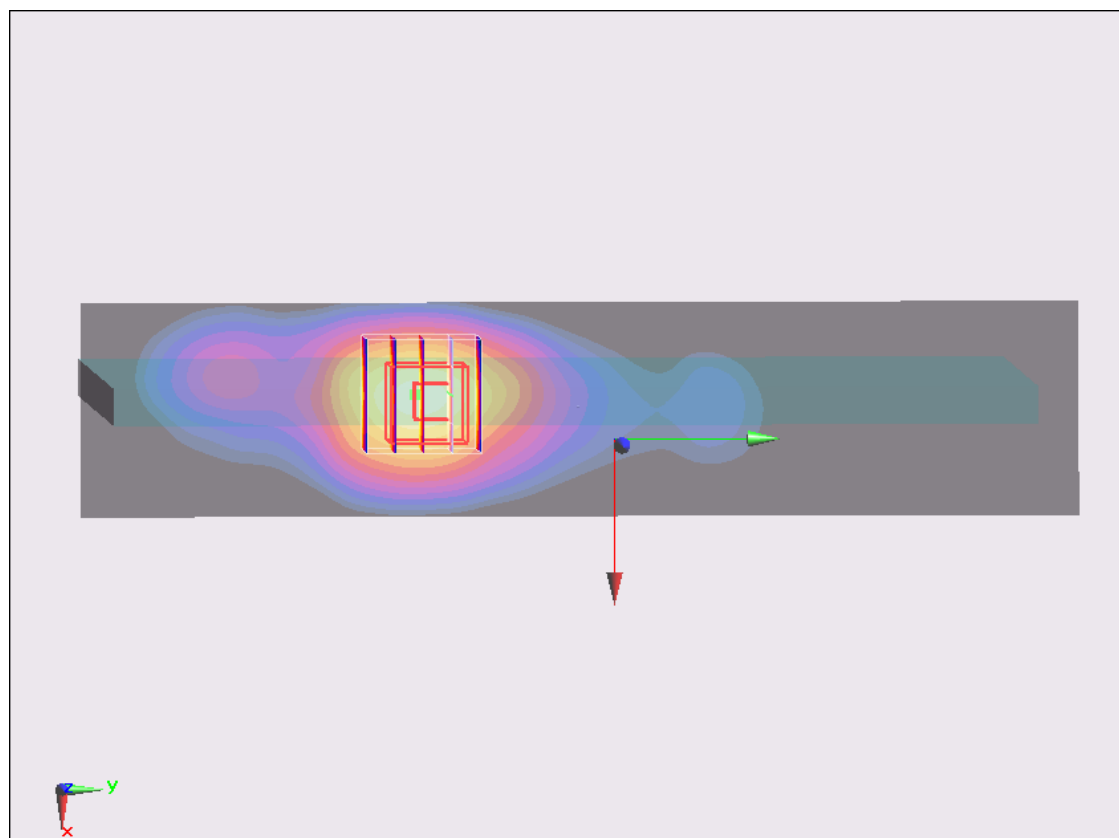
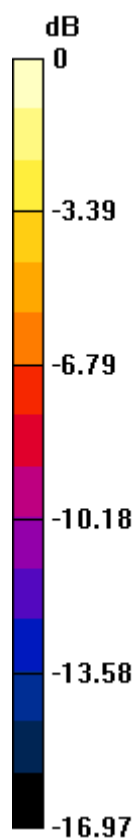
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.921 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.099 mW/g

SAR(1 g) = 0.684 mW/g; SAR(10 g) = 0.367 mW/g

Maximum value of SAR (measured) = 0.735 W/kg



0 dB = 0.735 W/kg = -2.67 dB W/kg

#92 WCDMA IV_HSDPA_Bottom Face_0cm_Ch1413**DUT: 290555**

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

Medium: MSL_1750_120925 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 51.814$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.34 W/kg

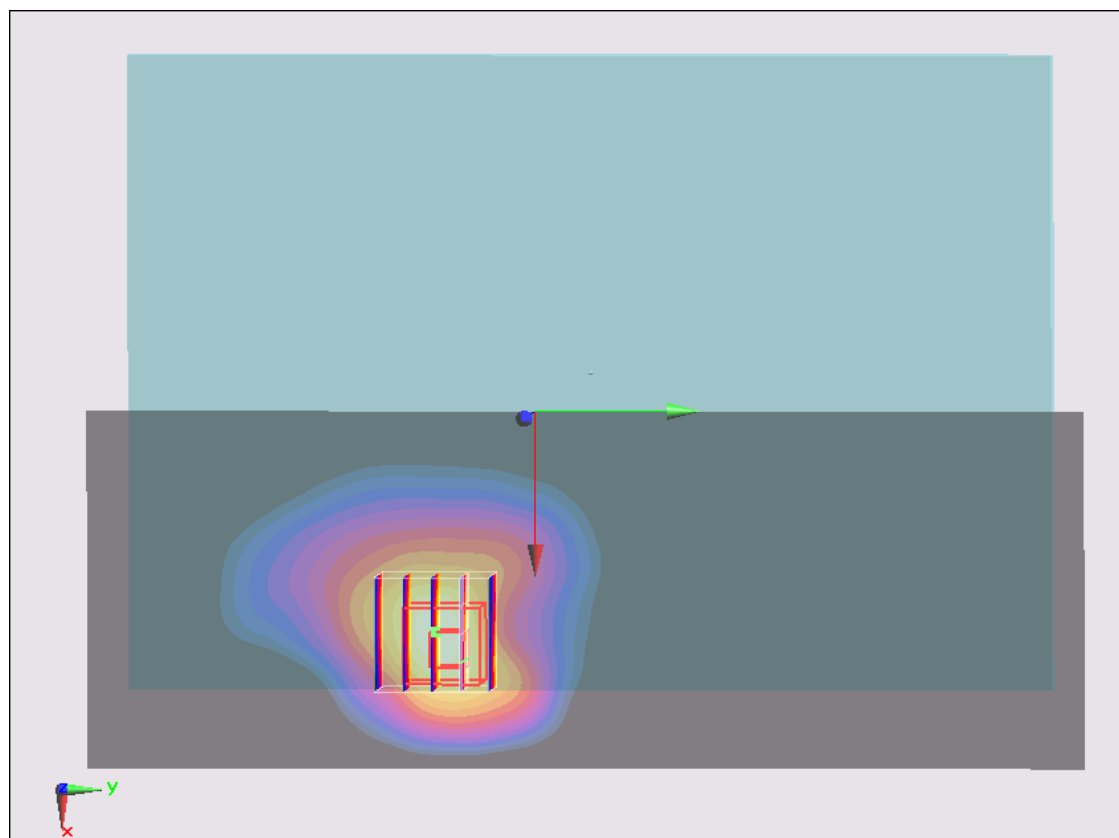
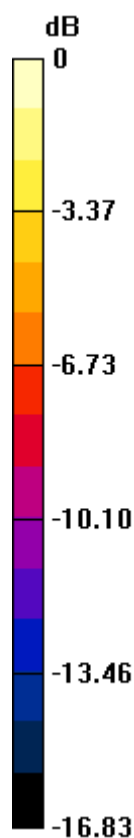
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.098 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.550 mW/g

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.707 mW/g

Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 3.05 dB W/kg

#101 WCDMA IV_HSDPA_Bottom Face_0cm_Ch1312**DUT: 290555**

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

Medium: MSL_1750_120925 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 51.92$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch1312/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.27 W/kg

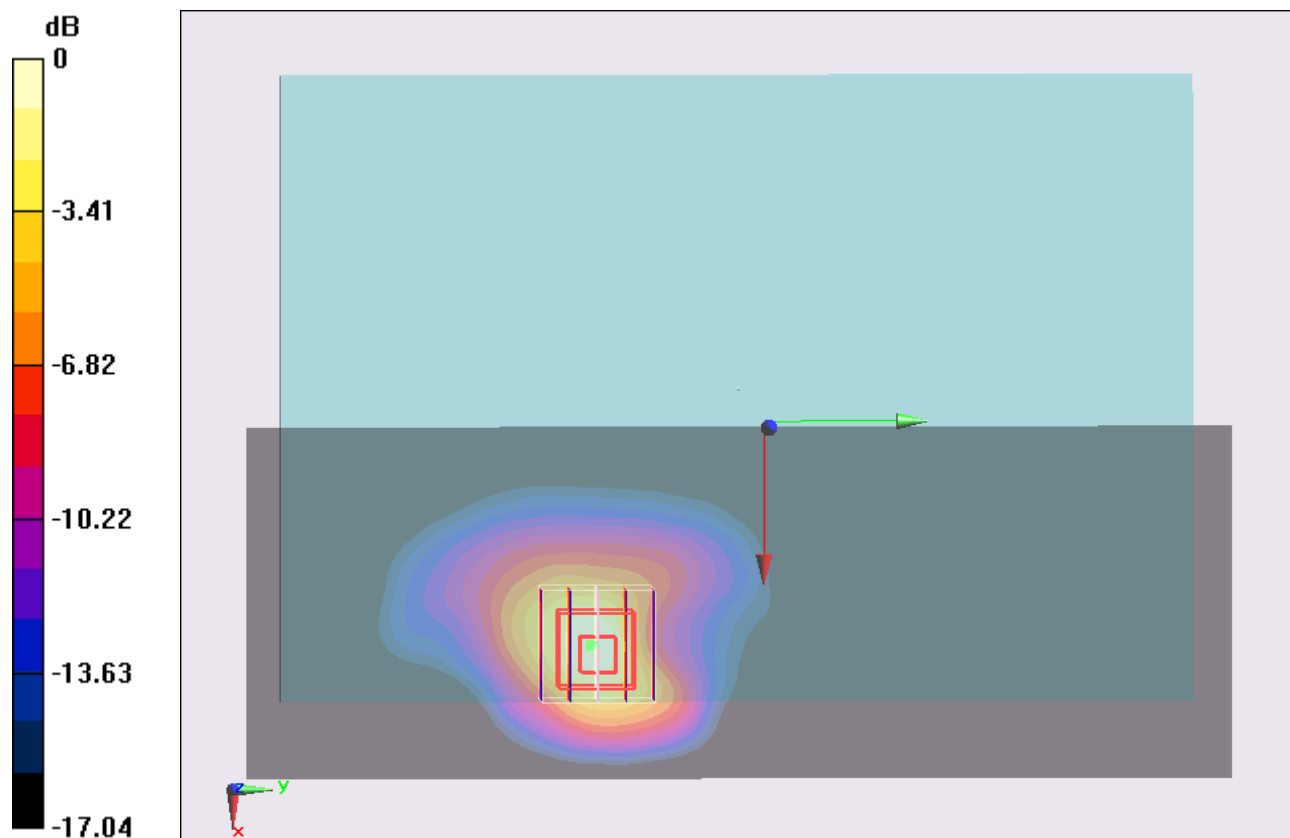
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.015 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.983 mW/g

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.648 mW/g

Maximum value of SAR (measured) = 1.26 W/kg



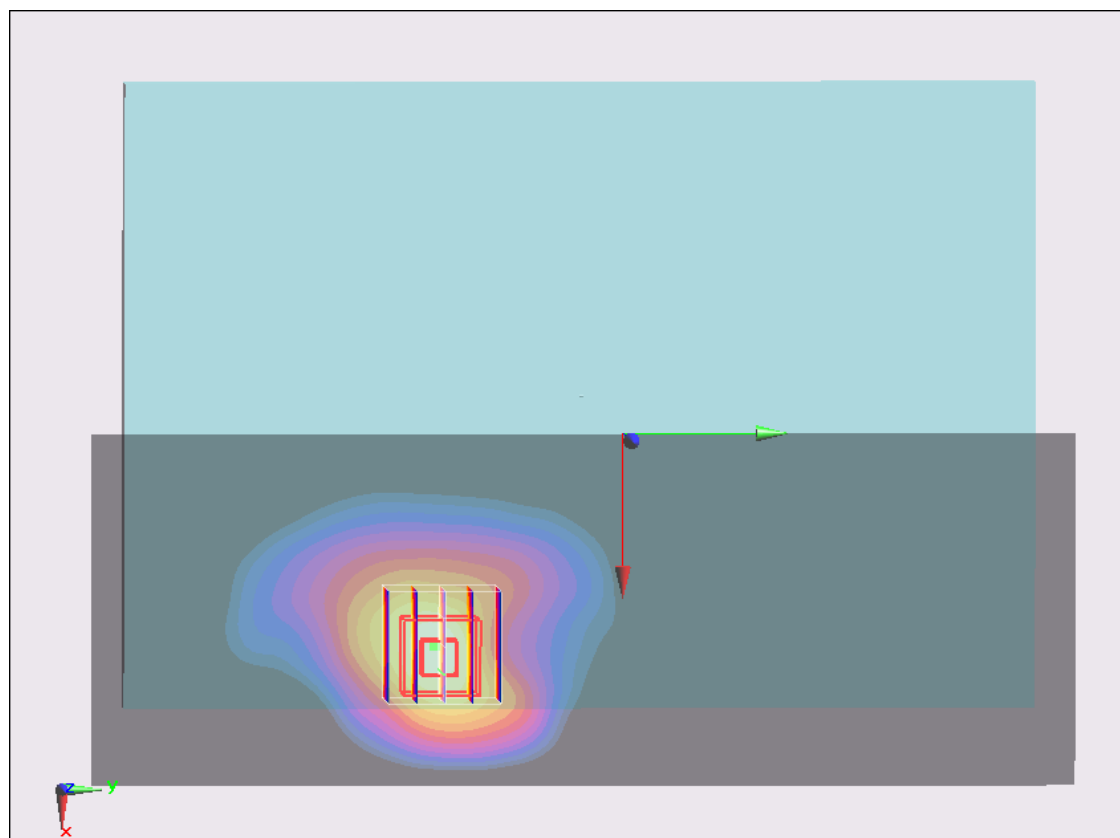
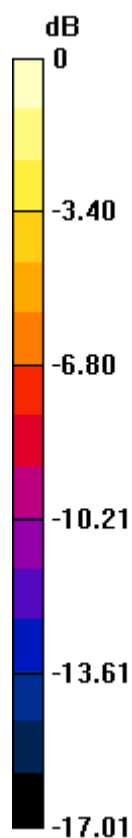
#102 WCDMA IV_HSDPA_Bottom Face_0cm_Ch1513**DUT: 290555**

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

Medium: MSL_1750_120925 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.729$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.7°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch1513/Area Scan (51x141x1): Measurement grid: $dx=20$ mm, $dy=20$ mmMaximum value of SAR (interpolated) = 1.29 W/kg **Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 0.949 V/m ; Power Drift = 0.13 dB Peak SAR (extrapolated) = 2.035 mW/g **SAR(1 g) = 1.21 mW/g ; SAR(10 g) = 0.654 mW/g** Maximum value of SAR (measured) = 1.31 W/kg  $0 \text{ dB} = 1.31 \text{ W/kg} = 2.35 \text{ dB W/kg}$

#93 WCDMA IV_HSUPA_Bottom Face_0cm_Ch1413**DUT: 290555**

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

Medium: MSL_1750_120925 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 51.814$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.31 W/kg

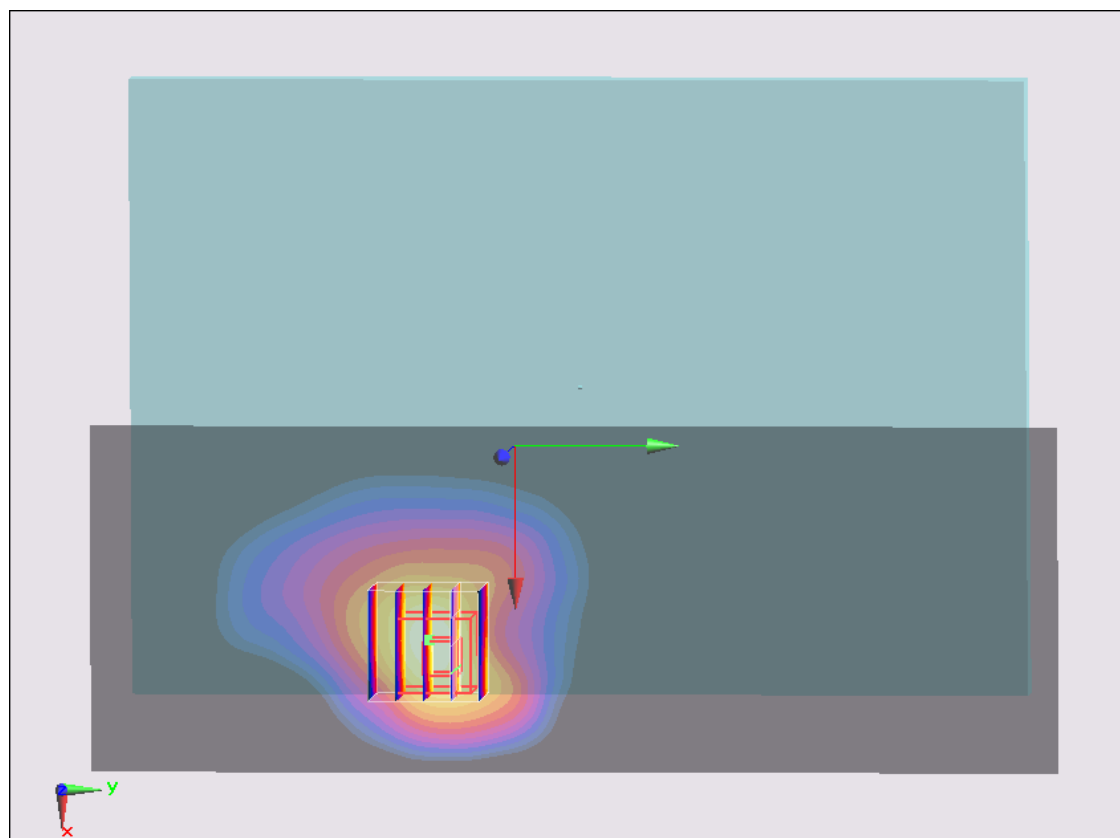
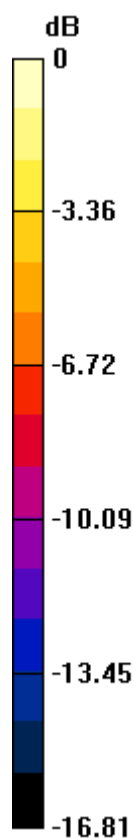
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.400 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.495 mW/g

SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.693 mW/g

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 2.92 dB W/kg

#103 WCDMA IV_HSUPA_Bottom Face_0cm_Ch1312**DUT: 290555**

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

Medium: MSL_1750_120925 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 51.92$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch1312/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.24 W/kg

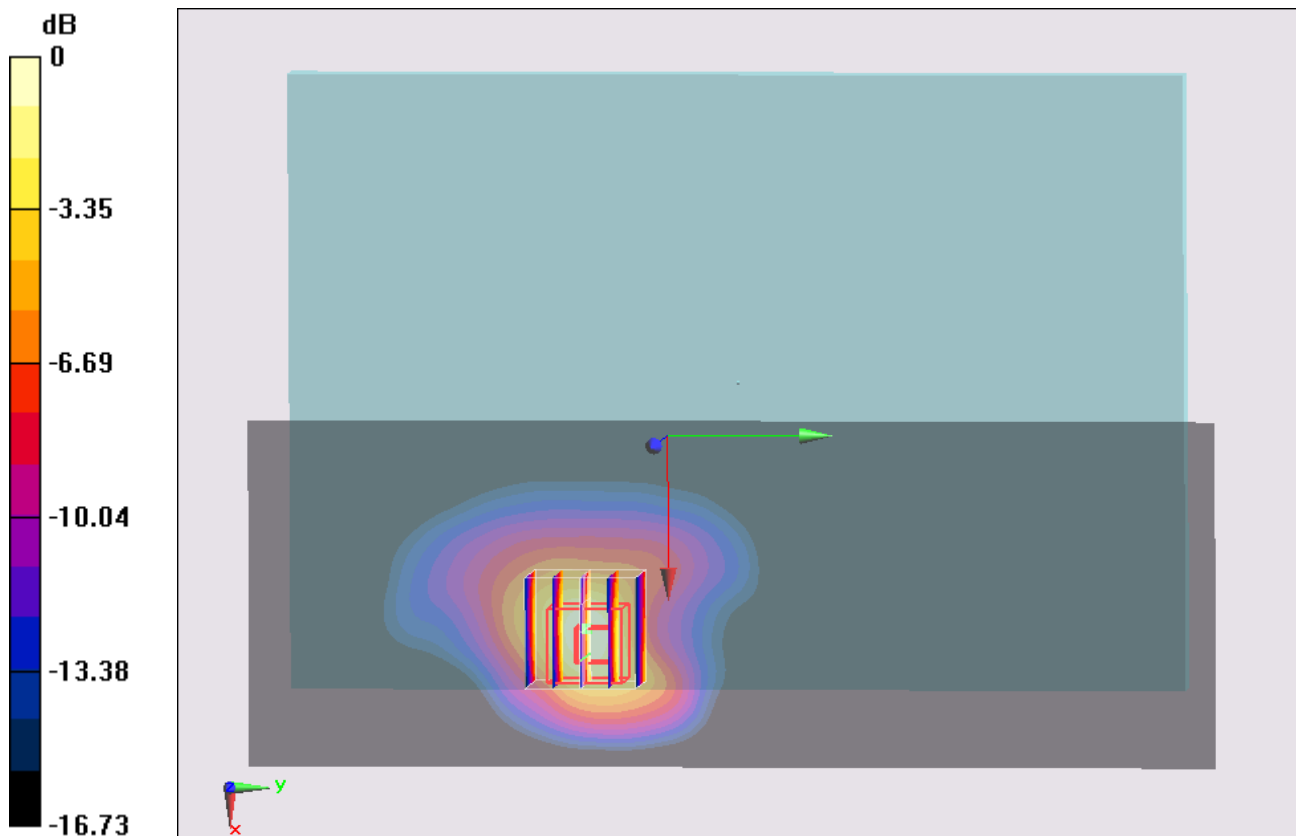
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.083 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.964 mW/g

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.642 mW/g

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 2.28 dB W/kg

#104 WCDMA IV_HSUPA_Bottom Face_0cm_Ch1513**DUT: 290555**

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

Medium: MSL_1750_120925 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.729$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- 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 (2); SEMCAD X Version 14.6.6 (6824)

Ch1513/Area Scan (51x141x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.29 W/kg

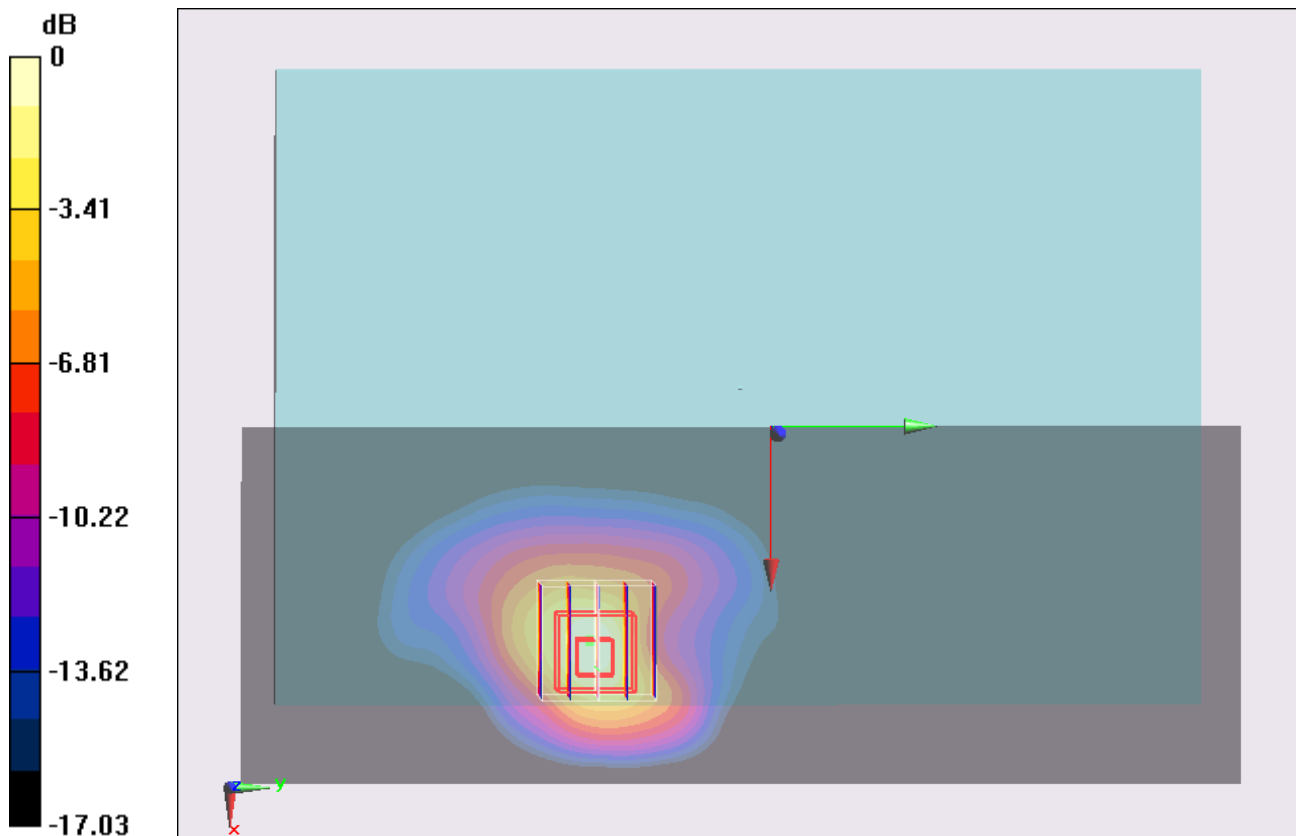
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.088 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.070 mW/g

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.659 mW/g

Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 2.48 dB W/kg

#01 WLAN2.4G_802.11b_Bottom Face_0cm_Ch11_Ant 0

DUT: 290555

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

Medium: MSL_2450_120905 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 52.3$;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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 (121x161x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

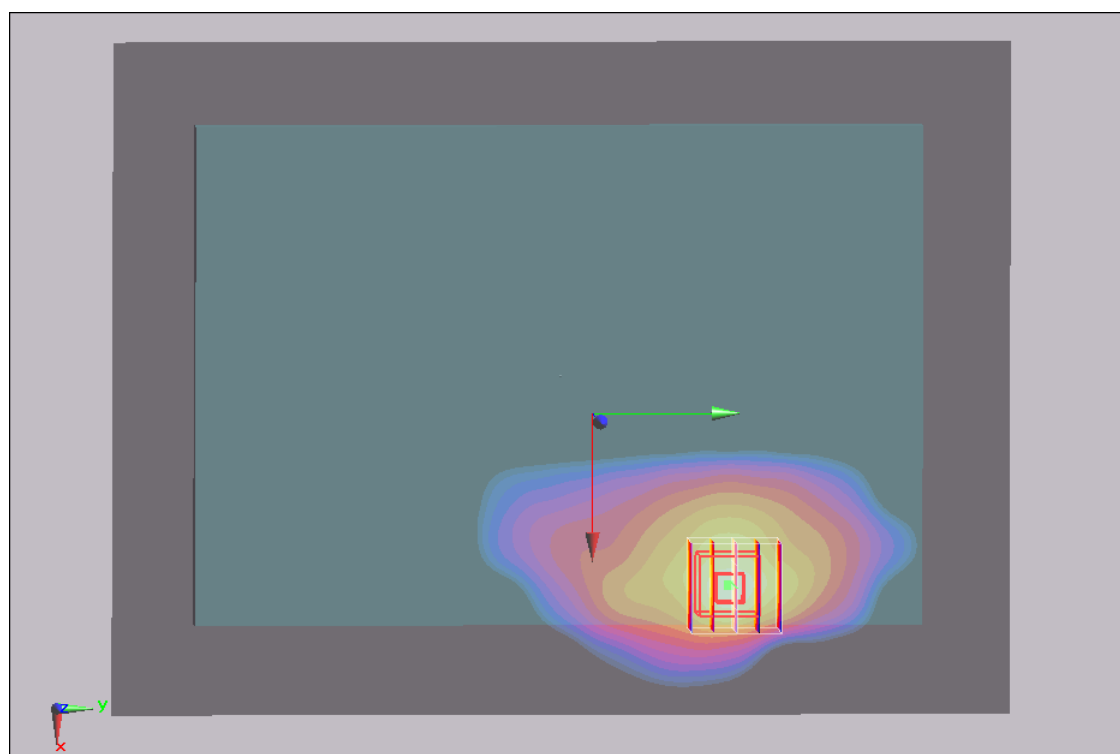
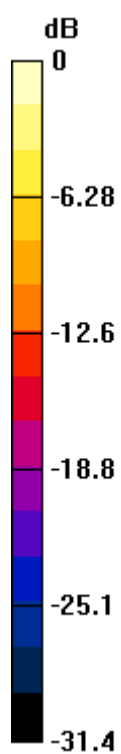
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0 V/m ; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.864 mW/g ; SAR(10 g) = 0.344 mW/g

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



0 dB = 1.04mW/g

#02 WLAN2.4G_802.11b_Bottom Face_0cm_Ch1_Ant 0

DUT: 290555

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

Medium: MSL_2450_120905 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.92 \text{ mho/m}$; $\epsilon_r = 52.4$;

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

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 Sn1279; Calibrated: 2012/5/3
- 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 (101x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

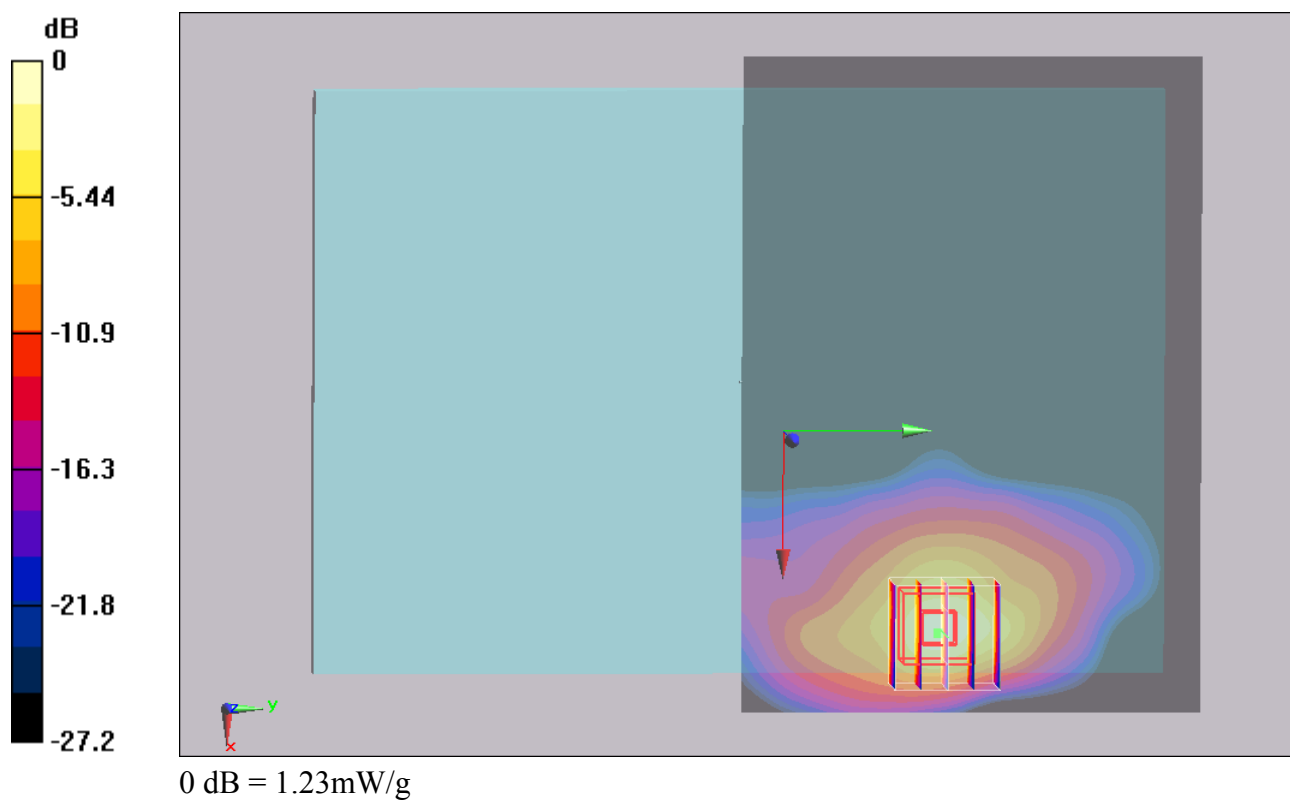
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0 V/m ; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.987 mW/g ; SAR(10 g) = 0.397 mW/g

Maximum value of SAR (measured) = 1.23 mW/g



#02 WLAN2.4G_802.11b_Bottom Face_0cm_Ch1_Ant 0_2D**DUT: 290555**

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

Medium: MSL_2450_120905 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ 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 Sn1279; Calibrated: 2012/5/3
- 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 (101x71x1): Measurement grid: dx=20mm, dy=20mm

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

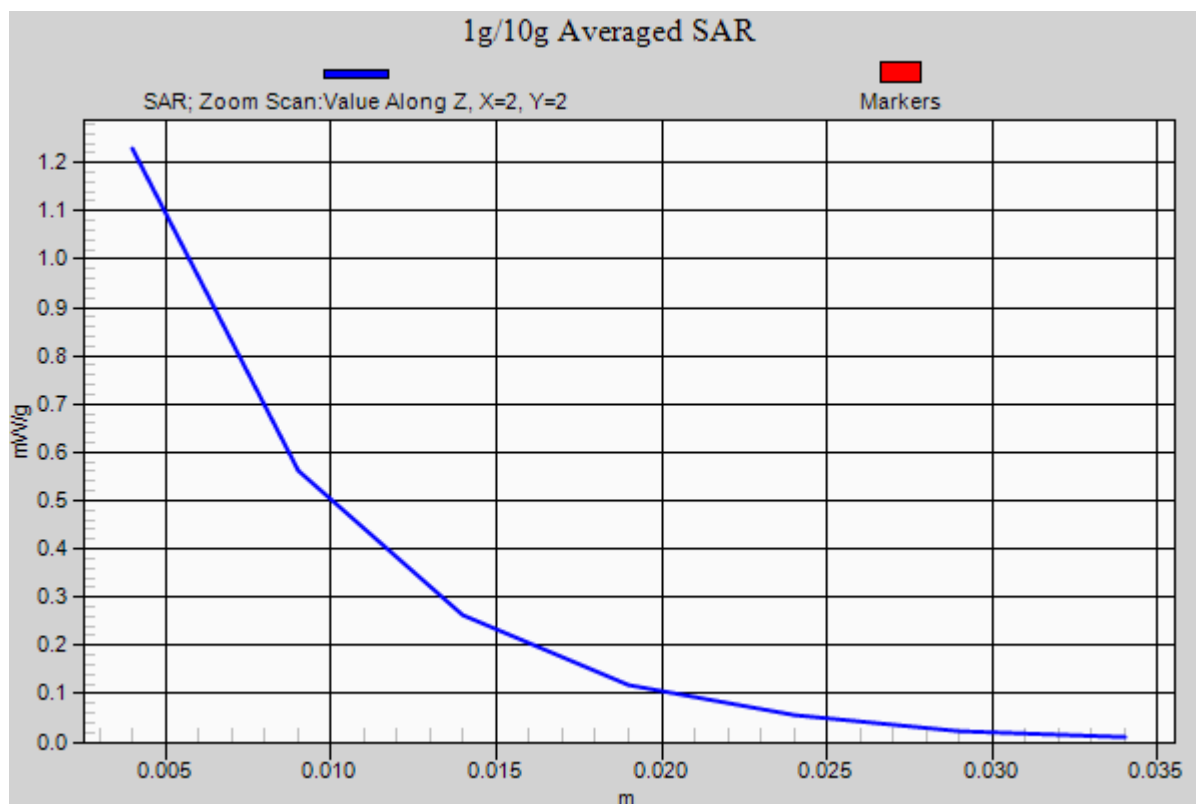
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.987 mW/g; SAR(10 g) = 0.397 mW/g

Maximum value of SAR (measured) = 1.23 mW/g



#03 WLAN2.4G_802.11b_Bottom Face_0cm_Ch6_Ant 0

DUT: 290555

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

Medium: MSL_2450_120905 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.95 \text{ mho/m}$; $\epsilon_r = 52.4$;

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

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 Sn1279; Calibrated: 2012/5/3
- 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 (101x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

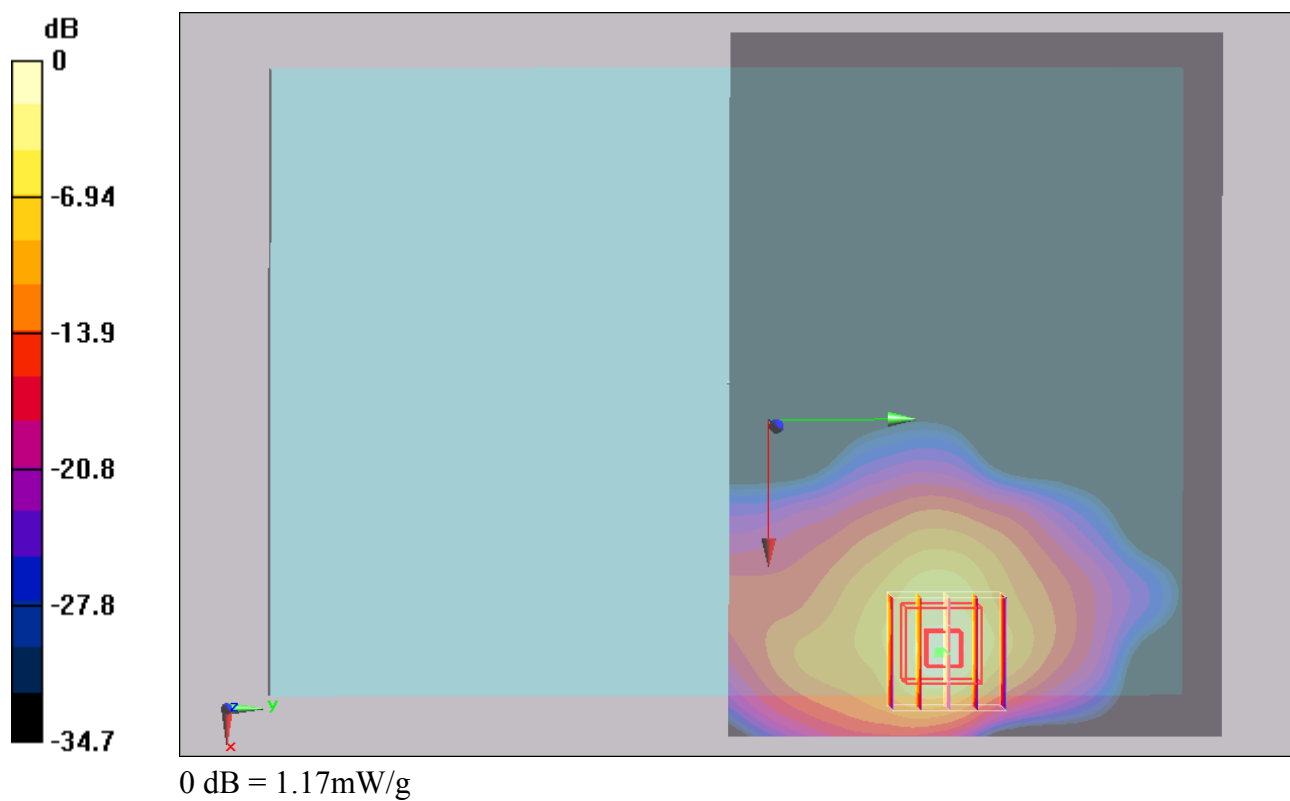
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0 V/m ; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 0.980 mW/g ; SAR(10 g) = 0.408 mW/g

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



#04 WLAN2.4G_802.11b_Edge 1_0cm_Ch11_Ant 0

DUT: 290555

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

Medium: MSL_2450_120905 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.3$;

$\rho = 1000$ 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 Sn1279; Calibrated: 2012/5/3
- 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 (31x141x1): Measurement grid: dx=20mm, dy=20mm

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

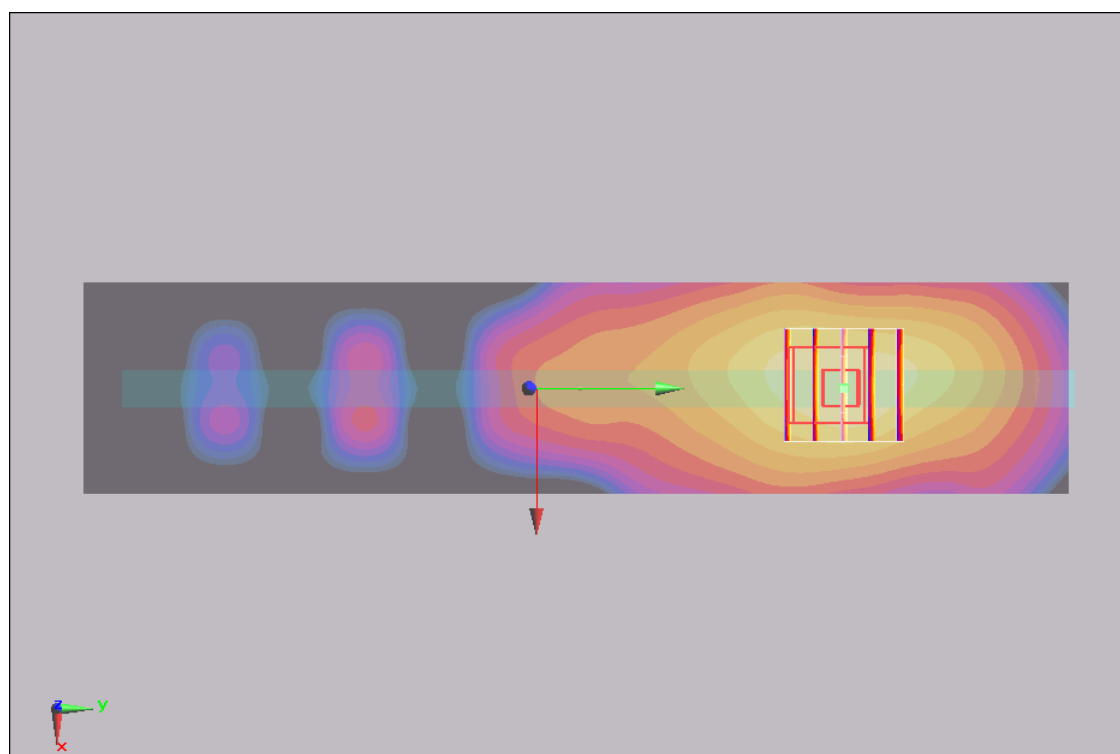
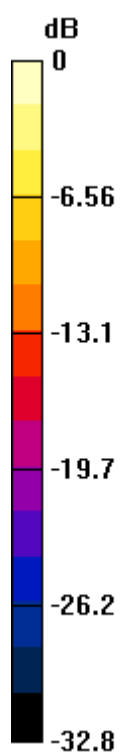
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.32 V/m; Power Drift = 0.147 dB

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.354 mW/g



0 dB = 0.354mW/g

#05 WLAN2.4G_802.11b_Edge 2_0cm_Ch11_Ant 0

DUT: 290555

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

Medium: MSL_2450_120905 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.3$;

$\rho = 1000$ 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 Sn1279; Calibrated: 2012/5/3
- 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 (31x101x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.068 mW/g

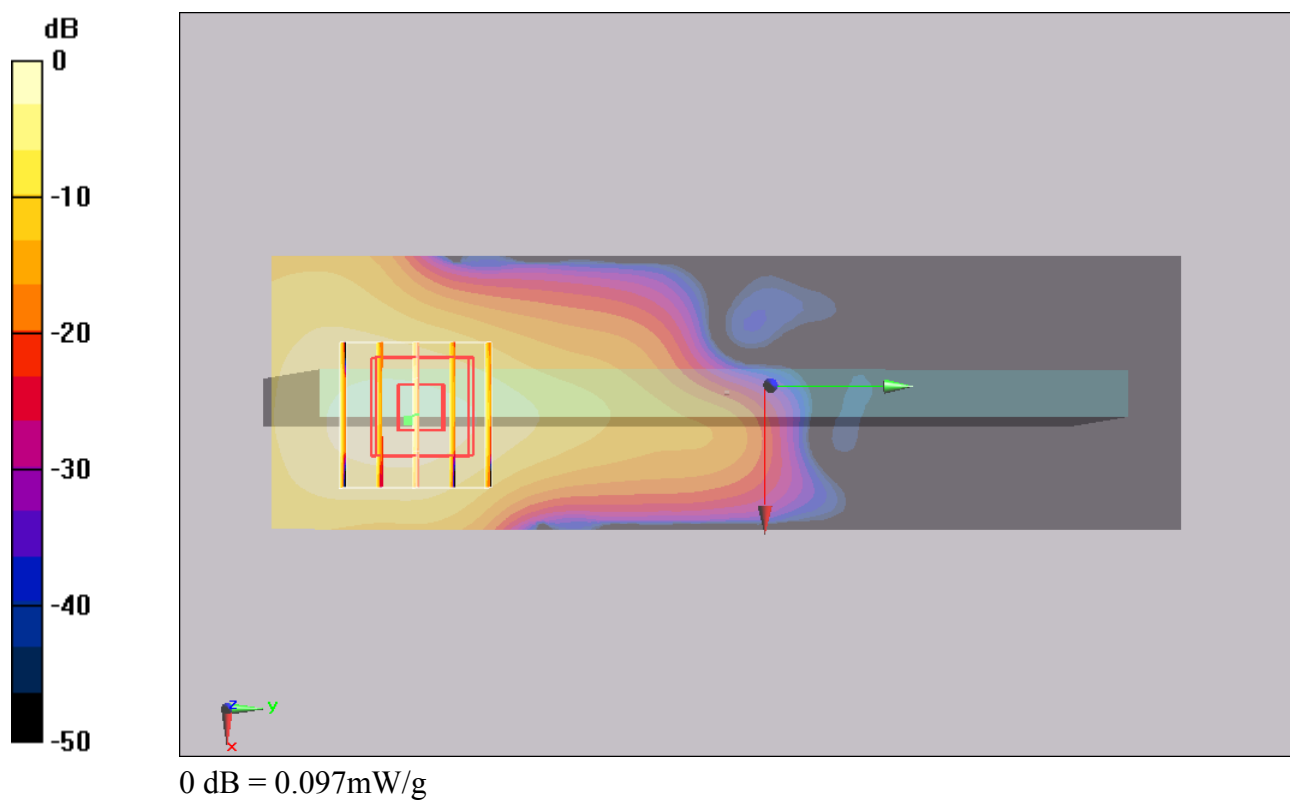
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.31 V/m; Power Drift = 0.176 dB

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.097 mW/g



#06 WLAN2.4G_802.11b_Bottom Face_0cm_Ch11_Ant 0+1

DUT: 290555

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

Medium: MSL_2450_120905 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 52.3$;

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

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 Sn1279; Calibrated: 2012/5/3
- 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 (101x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

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

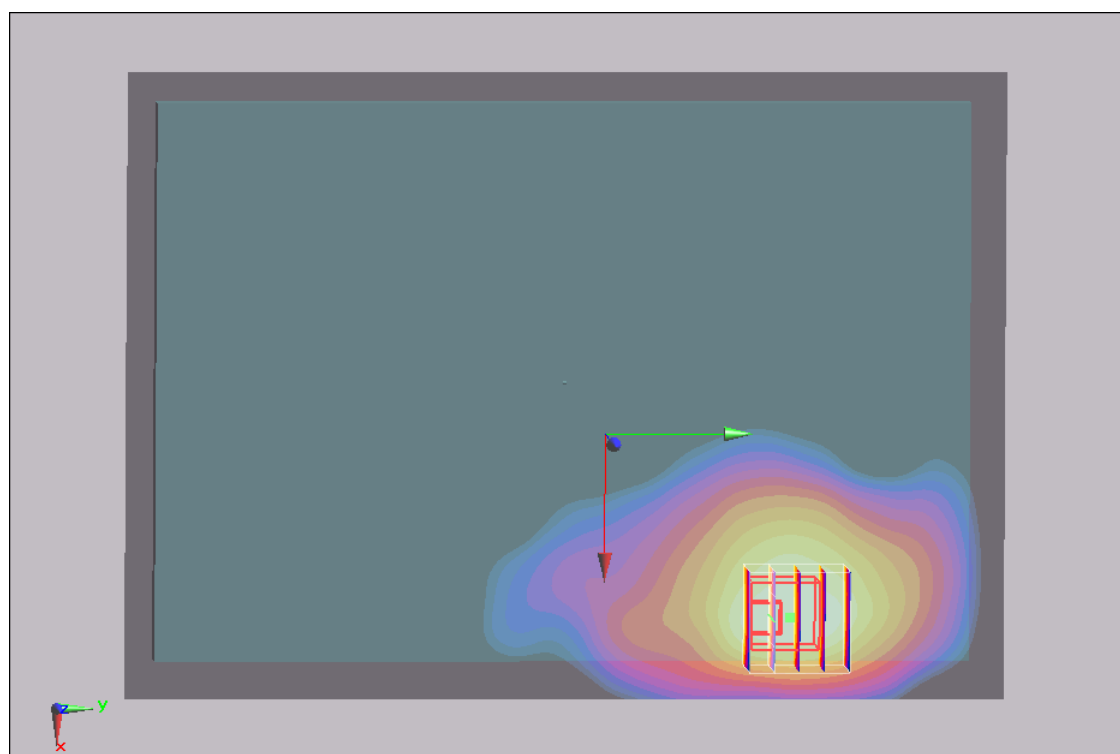
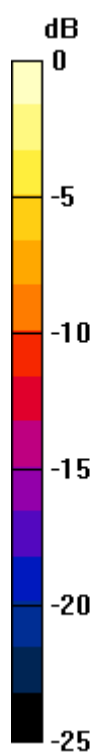
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0 V/m ; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 0.888 mW/g ; SAR(10 g) = 0.420 mW/g

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



0 dB = 1.03mW/g

#07 WLAN2.4G_802.11b_Bottom Face_0cm_Ch1_Ant 0+1

DUT: 290555

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

Medium: MSL_2450_120905 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 52.4$;

$\rho = 1000$ 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 Sn1279; Calibrated: 2012/5/3
- 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 (101x71x1): Measurement grid: dx=20mm, dy=20mm

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

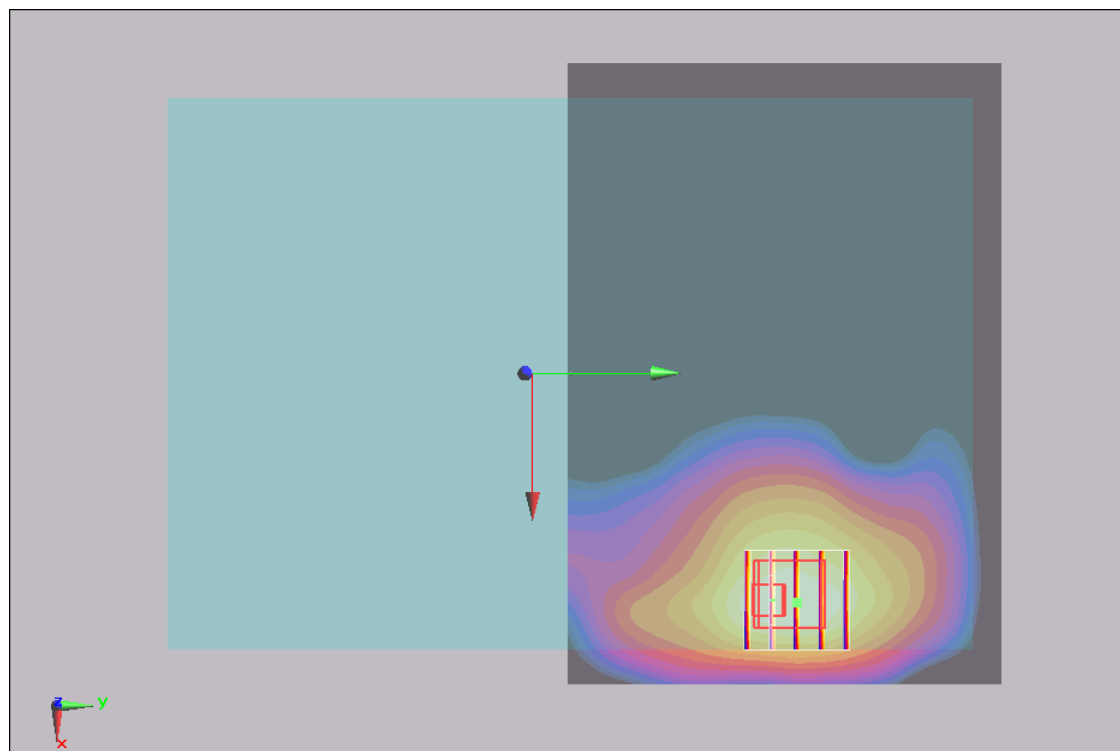
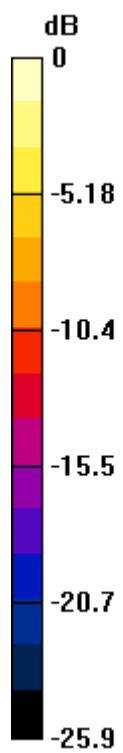
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 0.983 mW/g; SAR(10 g) = 0.491 mW/g

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



0 dB = 1.12mW/g

#08 WLAN2.4G_802.11b_Bottom Face_0cm_Ch6_Ant 0+1

DUT: 290555

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

Medium: MSL_2450_120905 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.95 \text{ mho/m}$; $\epsilon_r = 52.4$;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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 (101x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.43 mW/g

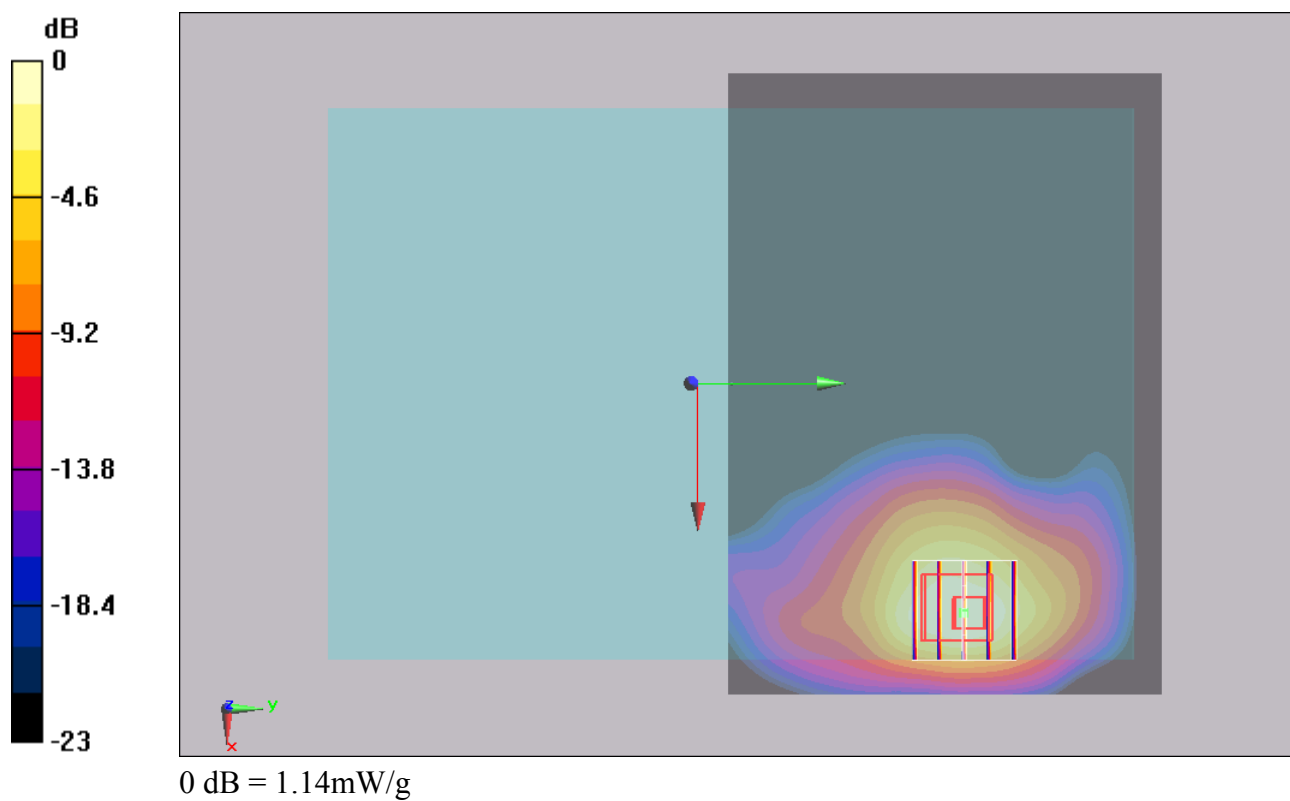
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0 V/m ; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1.06 mW/g ; SAR(10 g) = 0.535 mW/g

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



#08 WLAN2.4G_802.11b_Bottom Face_0cm_Ch6_Ant 0+1_2D**DUT: 12-3-456**

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

Medium: MSL_2450_120905 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ 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 Sn1279; Calibrated: 2012/5/3
- 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 (101x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.43 mW/g

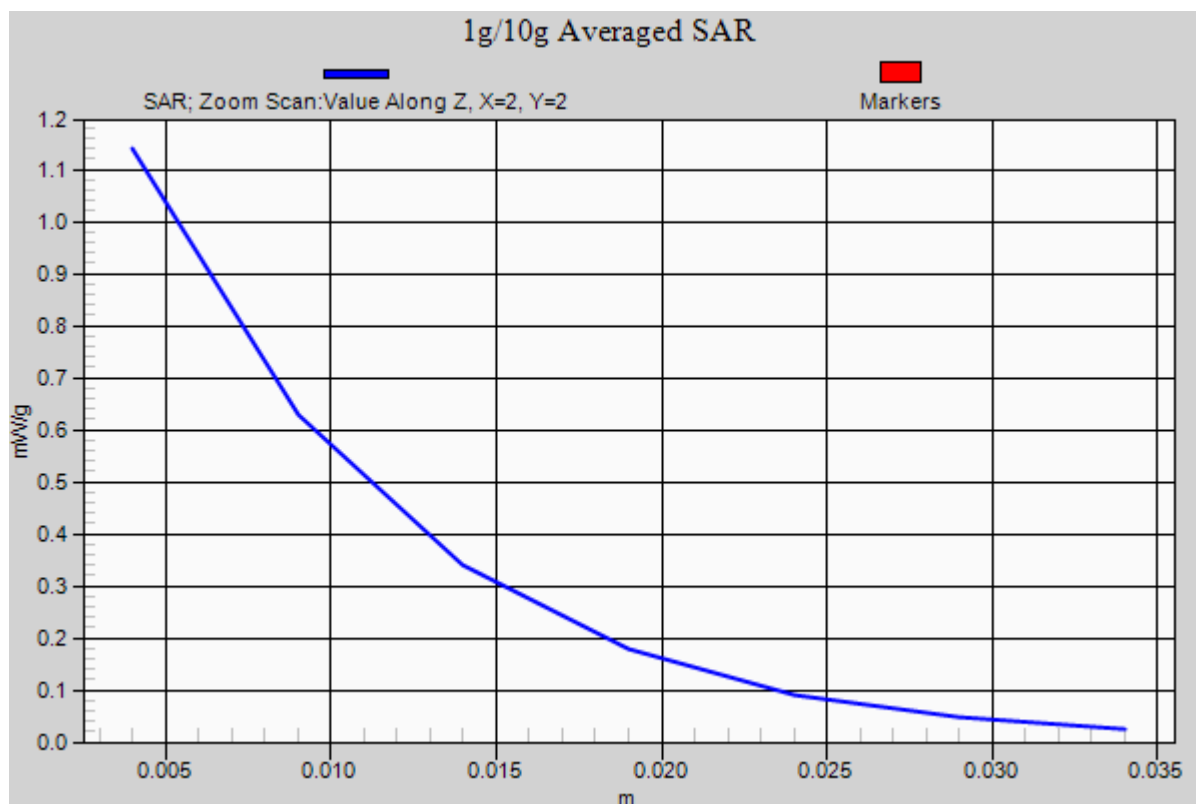
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.535 mW/g

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



#09 WLAN2.4G_802.11b_Edge 1_0cm_Ch11_Ant 0+1

DUT: 290555

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

Medium: MSL_2450_120905 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 52.3$;

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

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 Sn1279; Calibrated: 2012/5/3
- 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 (31x141x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.347 mW/g

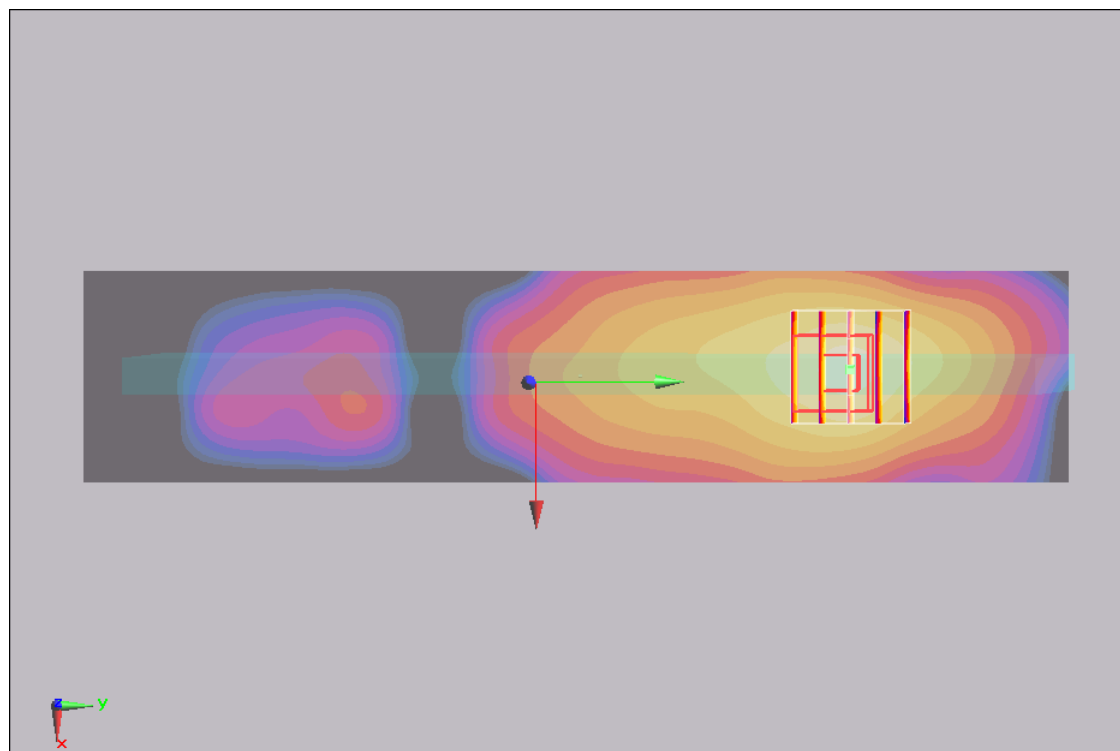
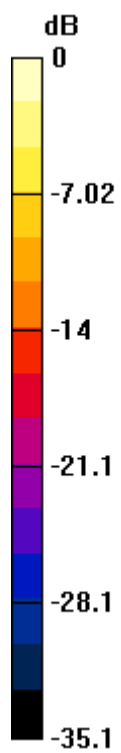
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.2 V/m ; Power Drift = 0.128 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.460 mW/g ; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.495 mW/g



0 dB = 0.495mW/g

#10 WLAN2.4G_802.11b_Edge 2_0cm_Ch11_Ant 0+1

DUT: 290555

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

Medium: MSL_2450_120905 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.3$;

$\rho = 1000$ 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 Sn1279; Calibrated: 2012/5/3
- 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 (31x101x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.049 mW/g

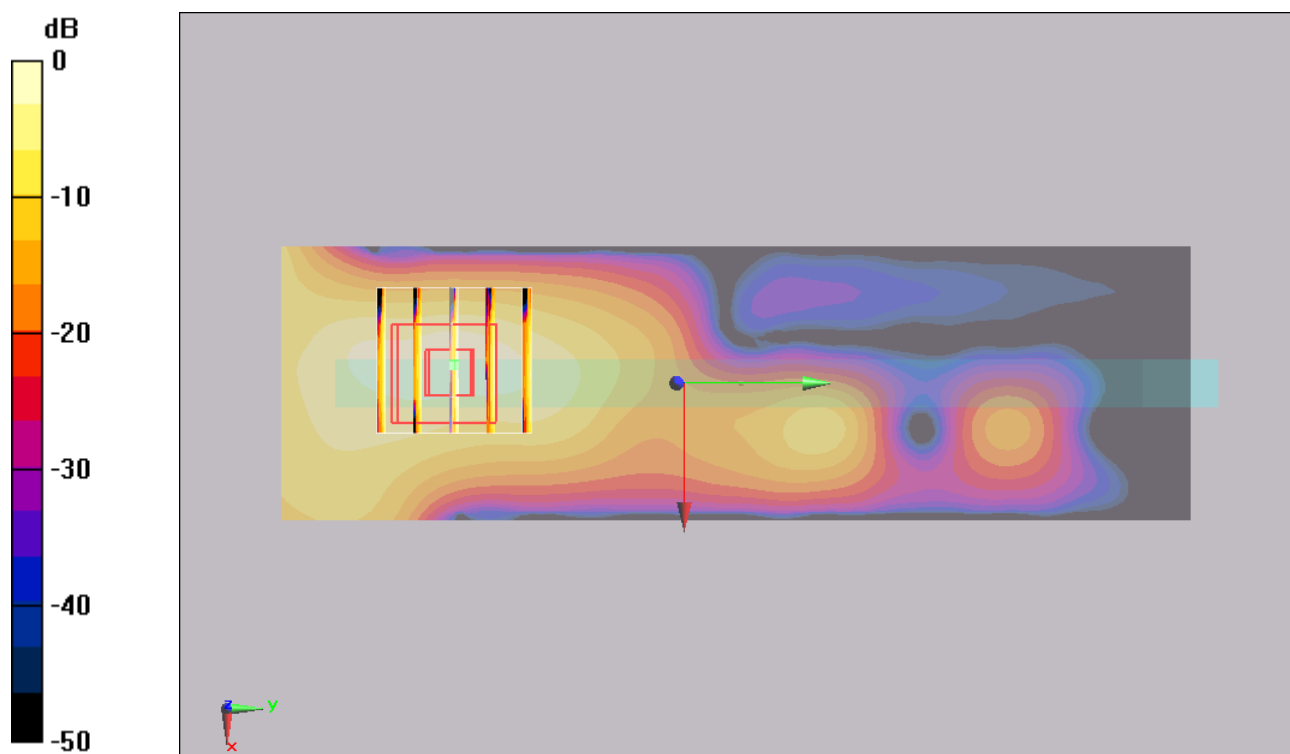
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.48 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.095 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.055 mW/g



#11 WLAN5G_802.11a_Bottom Face_0cm_Ch36_Ant 0

DUT: 290555

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120906 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.25 \text{ mho/m}$; $\epsilon_r = 48.6$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch36/Area Scan (221x301x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

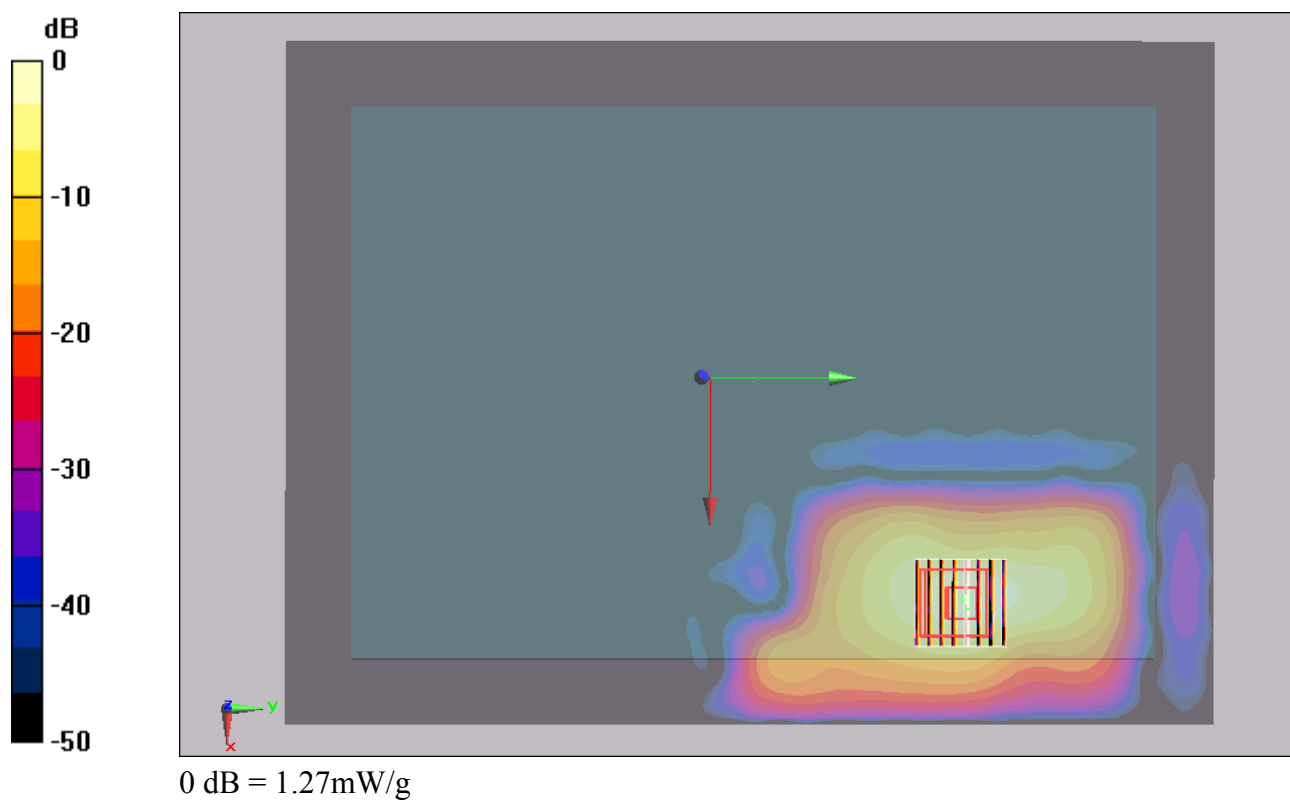
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0 V/m ; Power Drift = 0 dB

Peak SAR (extrapolated) = 2.47 W/kg

SAR(1 g) = 0.667 mW/g ; SAR(10 g) = 0.202 mW/g

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



#11 WLAN5G_802.11a_Bottom Face_0cm_Ch36_Ant 0_2D**DUT: 290555**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120906 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.25$ mho/m; $\epsilon_r = 48.6$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch36/Area Scan (221x301x1): Measurement grid: dx=10mm, dy=10mm

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

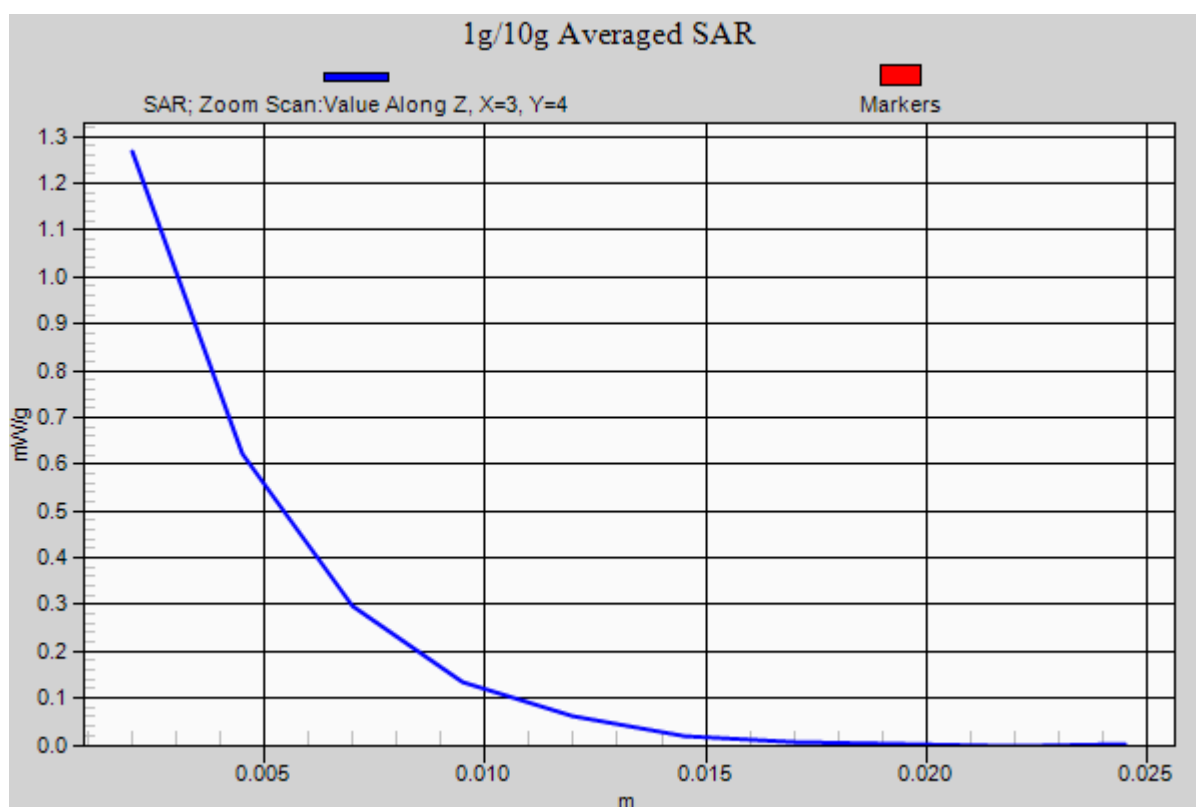
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0 dB

Peak SAR (extrapolated) = 2.47 W/kg

SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.202 mW/g

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



#12 WLAN5G_802.11a_Edge 1_0cm_Ch36_Ant 0

DUT: 290555

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120906 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.25 \text{ mho/m}$; $\epsilon_r = 48.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch36/Area Scan (61x301x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.459 mW/g

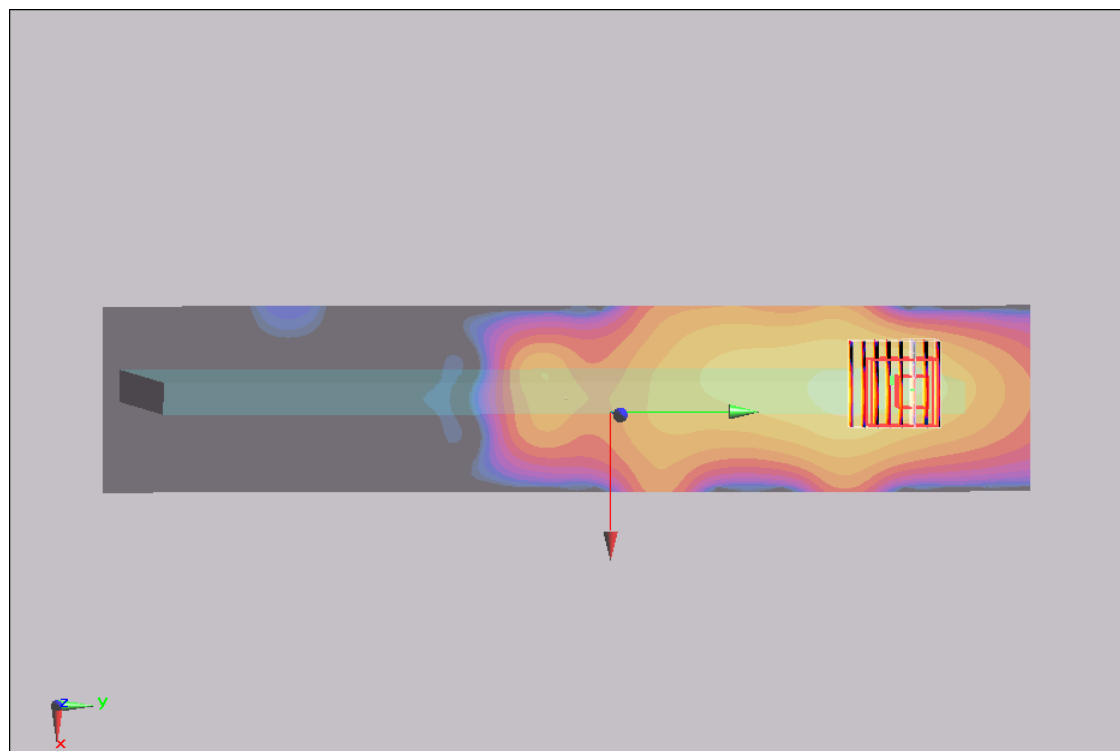
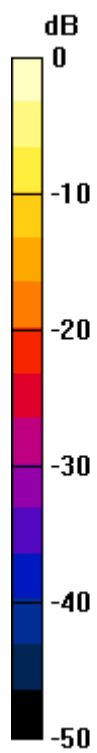
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 4.38 V/m ; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 0.535 mW/g ; SAR(10 g) = 0.139 mW/g

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



0 dB = 1.13mW/g

#13 WLAN5G_802.11a_Edge 2_0cm_Ch36_Ant 0

DUT: 290555

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120906 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.25 \text{ mho/m}$; $\epsilon_r = 48.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch36/Area Scan (61x221x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.084 mW/g

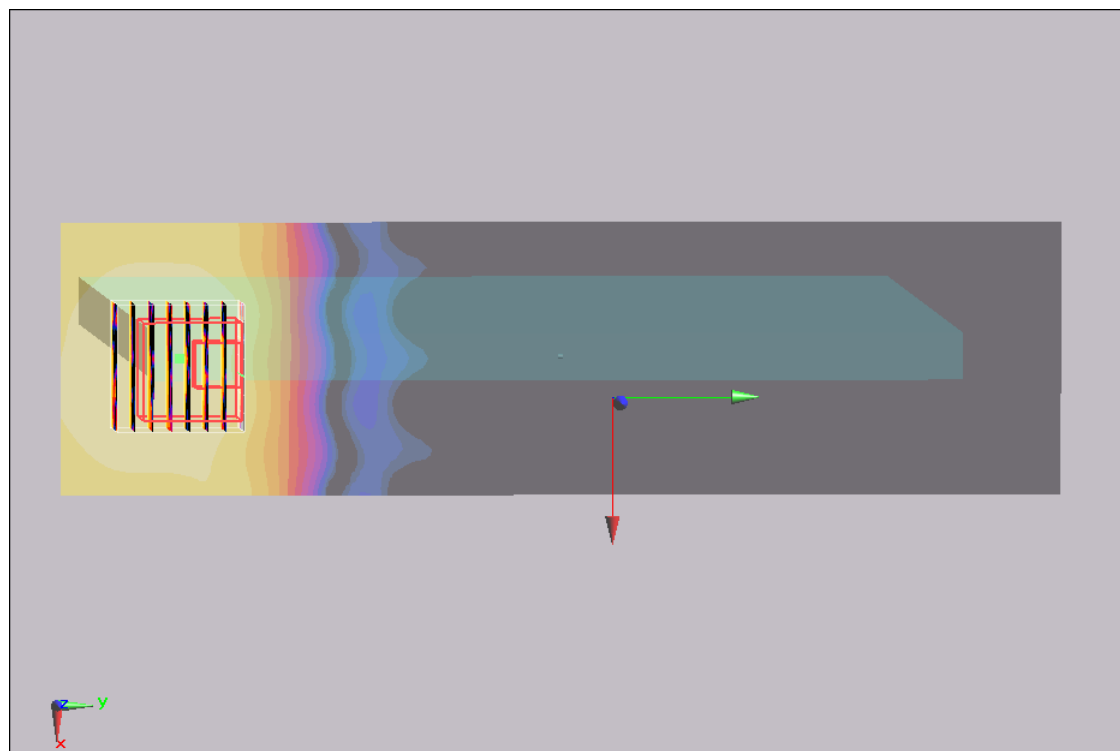
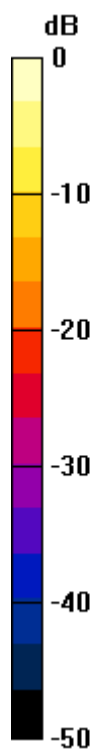
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0.581 V/m ; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.091 mW/g ; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.213 mW/g



0 dB = 0.213mW/g

#14 WLAN5G_802.11a_Bottom Face_0cm_Ch36_Ant 0+1

DUT: 290555

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120906 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.25 \text{ mho/m}$; $\epsilon_r = 48.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch36/Area Scan (201x281x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.849 mW/g

Ch36/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 = 0.112 dB

Peak SAR (extrapolated) = 2.79 W/kg

SAR(1 g) = 0.797 mW/g ; SAR(10 g) = 0.295 mW/g

Maximum value of SAR (measured) = 1.5 mW/g

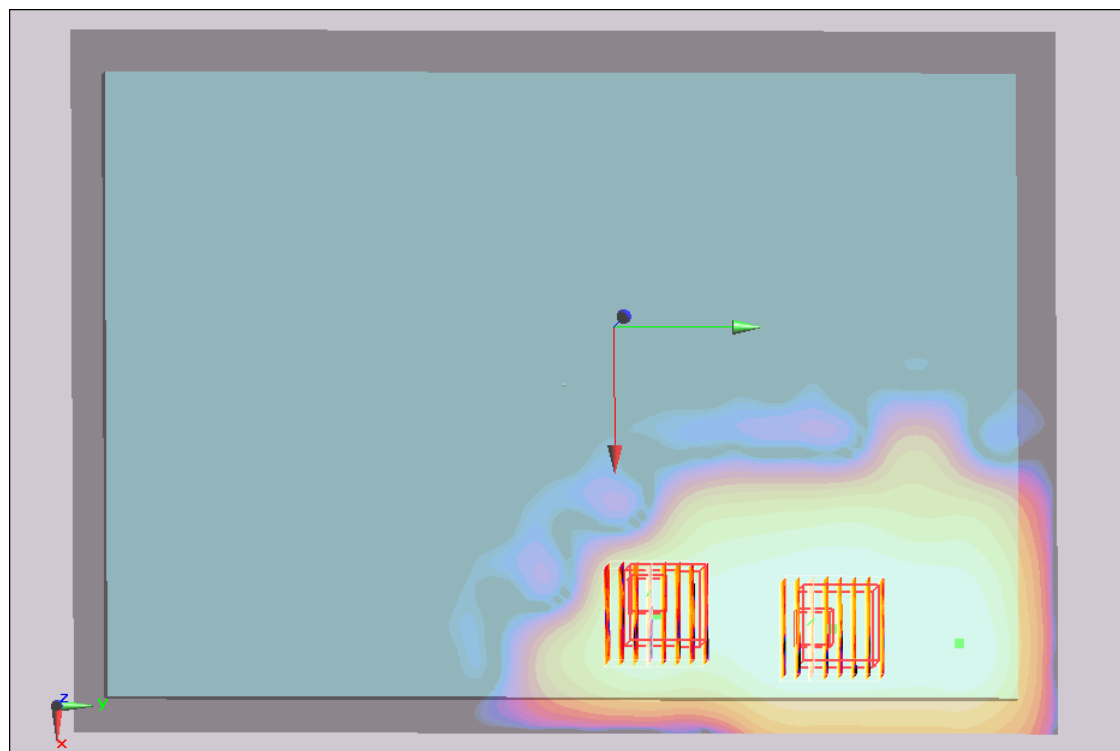
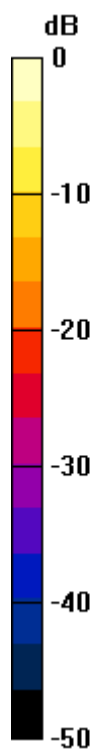
Ch36/Zoom Scan (8x8x10)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0 V/m ; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 0.915 W/kg

SAR(1 g) = 0.238 mW/g ; SAR(10 g) = 0.061 mW/g

Maximum value of SAR (measured) = 0.492 mW/g



0 dB = 0.492mW/g

#15 WLAN5G_802.11a_Edge 1_0cm_Ch36_Ant 0+1

DUT: 290555

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120906 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.25 \text{ mho/m}$; $\epsilon_r = 48.6$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch36/Area Scan (61x281x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

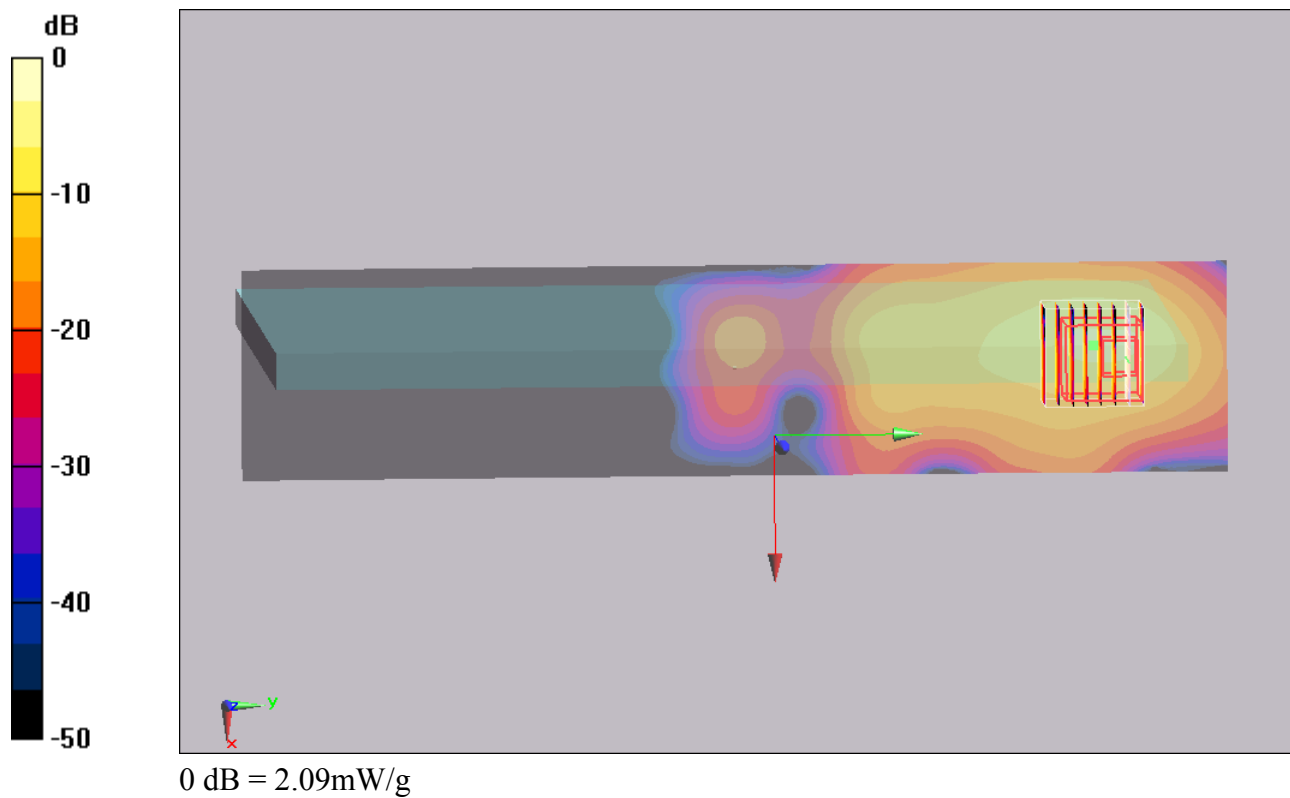
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 3.33 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.91 W/kg

SAR(1 g) = 0.994 mW/g ; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 2.09 mW/g



#15 WLAN5G_802.11a_Edge 1_0cm_Ch36_Ant 0+1_2D**DUT: 290555**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120906 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.25$ mho/m; $\epsilon_r = 48.6$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch36/Area Scan (61x281x1): Measurement grid: dx=10mm, dy=10mm

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

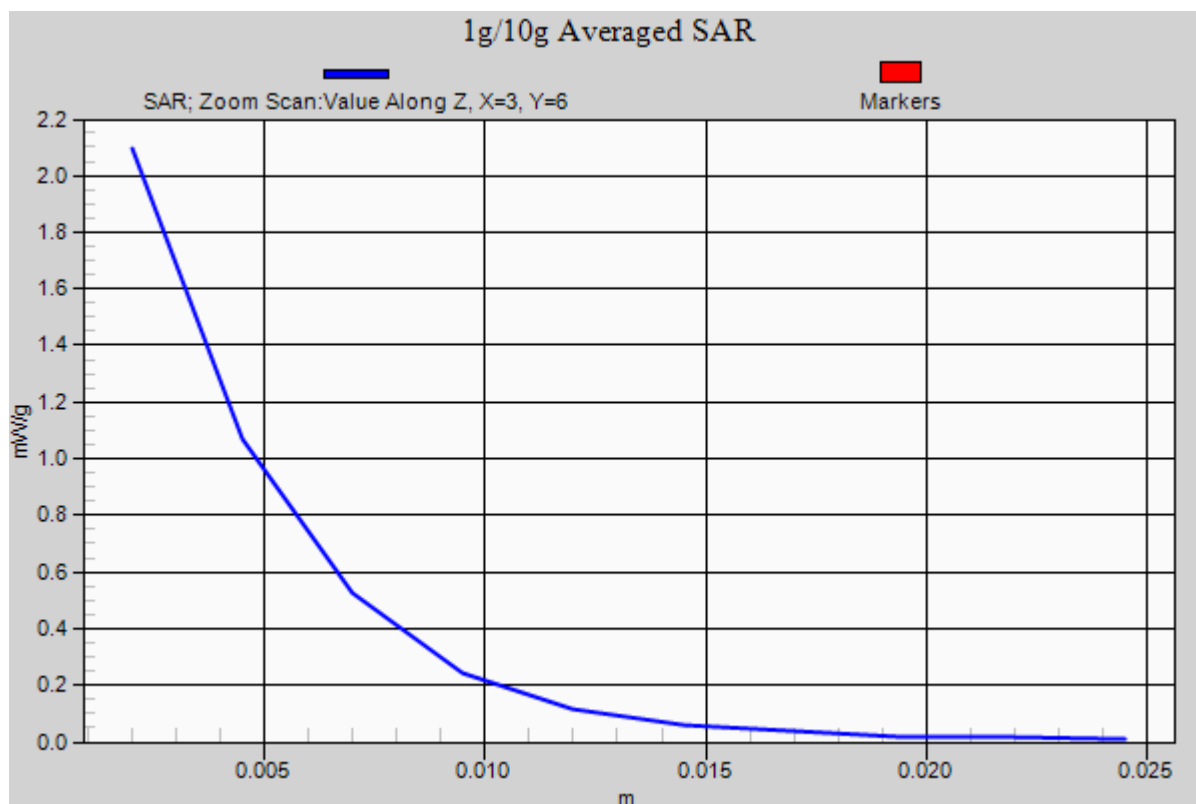
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.33 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.91 W/kg

SAR(1 g) = 0.994 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 2.09 mW/g



#17 WLAN5G_802.11a_Edge 1_0cm_Ch48_Ant 0+1

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.34$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch48/Area Scan (61x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.480 mW/g

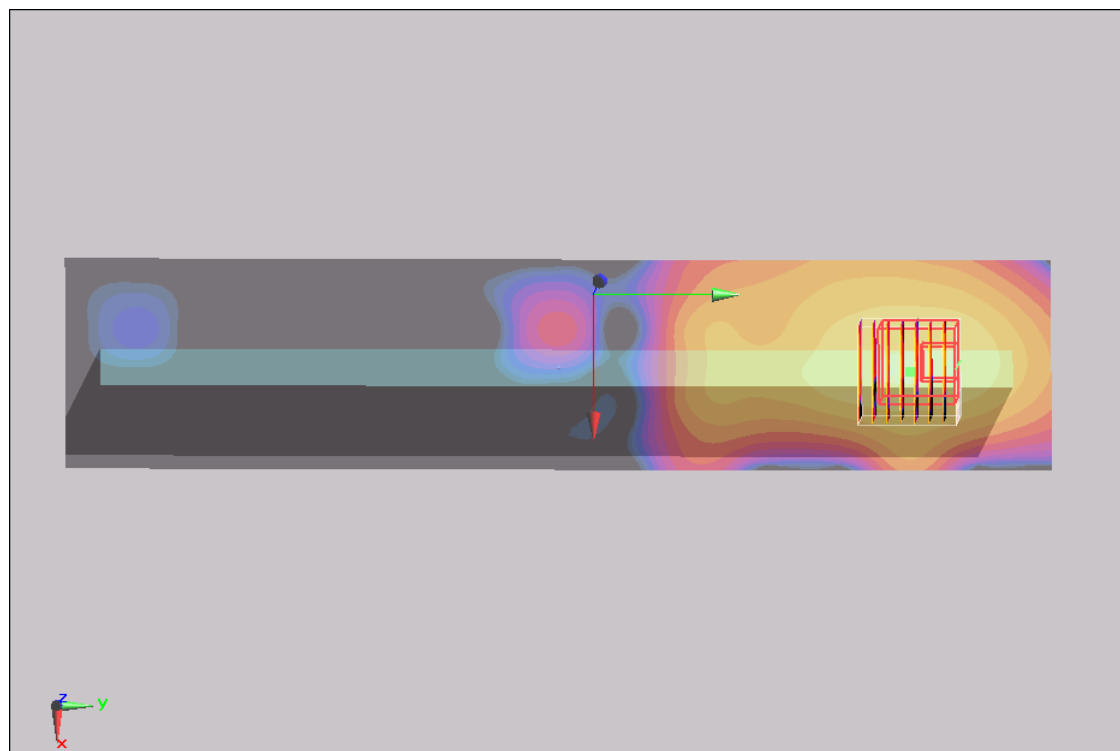
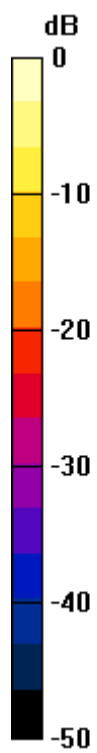
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.96 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 3.42 W/kg

SAR(1 g) = 0.895 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 1.88 mW/g



0 dB = 1.88mW/g

#16 WLAN5G_802.11a_Edge 2_0cm_Ch36_Ant 0+1

DUT: 290555

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120906 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.25 \text{ mho/m}$; $\epsilon_r = 48.6$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch36/Area Scan (61x221x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.142 mW/g

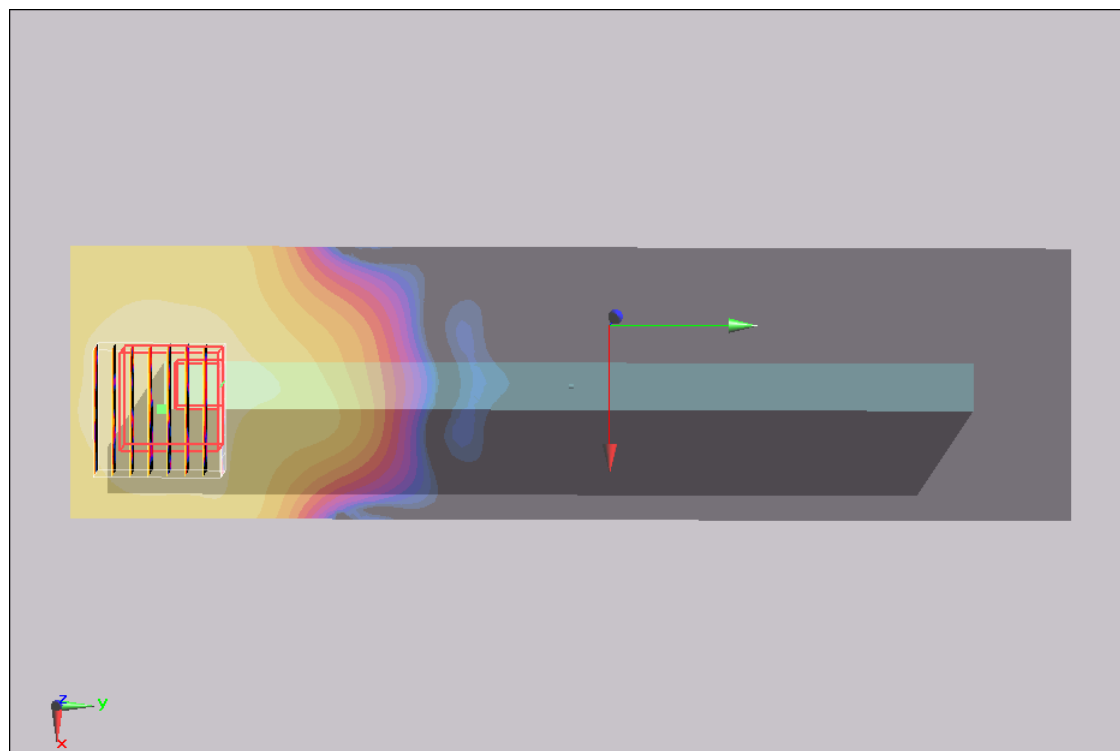
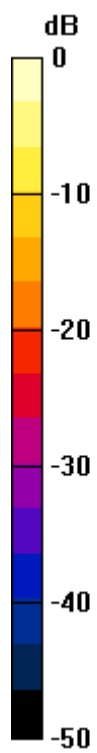
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 1.45 V/m ; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.883 W/kg

SAR(1 g) = 0.165 mW/g ; SAR(10 g) = 0.046 mW/g

Maximum value of SAR (measured) = 0.458 mW/g



0 dB = 0.458mW/g

#18 WLAN5G_802.11a_Bottom Face_0cm_Ch60_Ant 0

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 48.3$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch60/Area Scan (201x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.575 mW/g

Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.108 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.152 mW/g

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

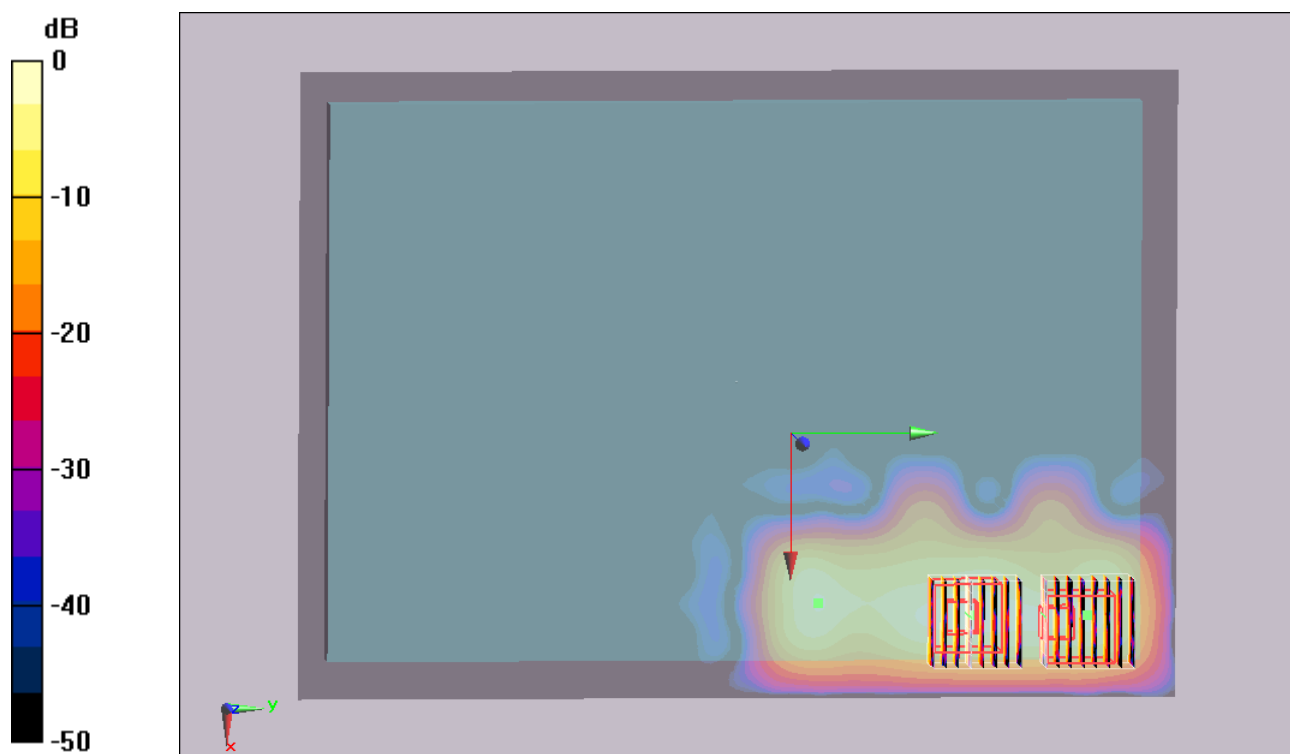
Ch60/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.108 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.755 mW/g



#19 WLAN5G_802.11a_Edge 1_0cm_Ch60_Ant 0

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 48.3$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch60/Area Scan (61x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.337 mW/g

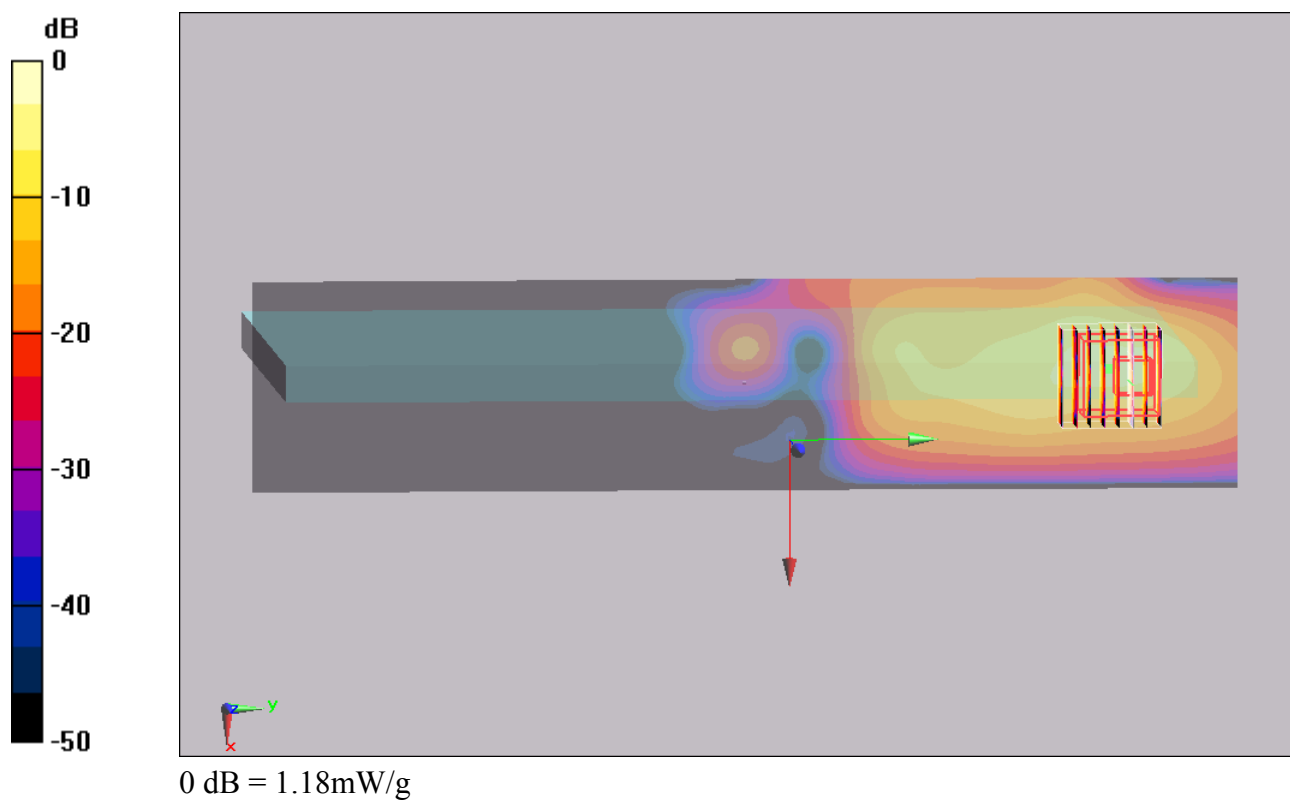
Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.44 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.151 mW/g

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



#19 WLAN5G_802.11a_Edge 1_0cm_Ch60_Ant 0_2D**DUT: 290555**

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 48.3$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch60/Area Scan (61x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.337 mW/g

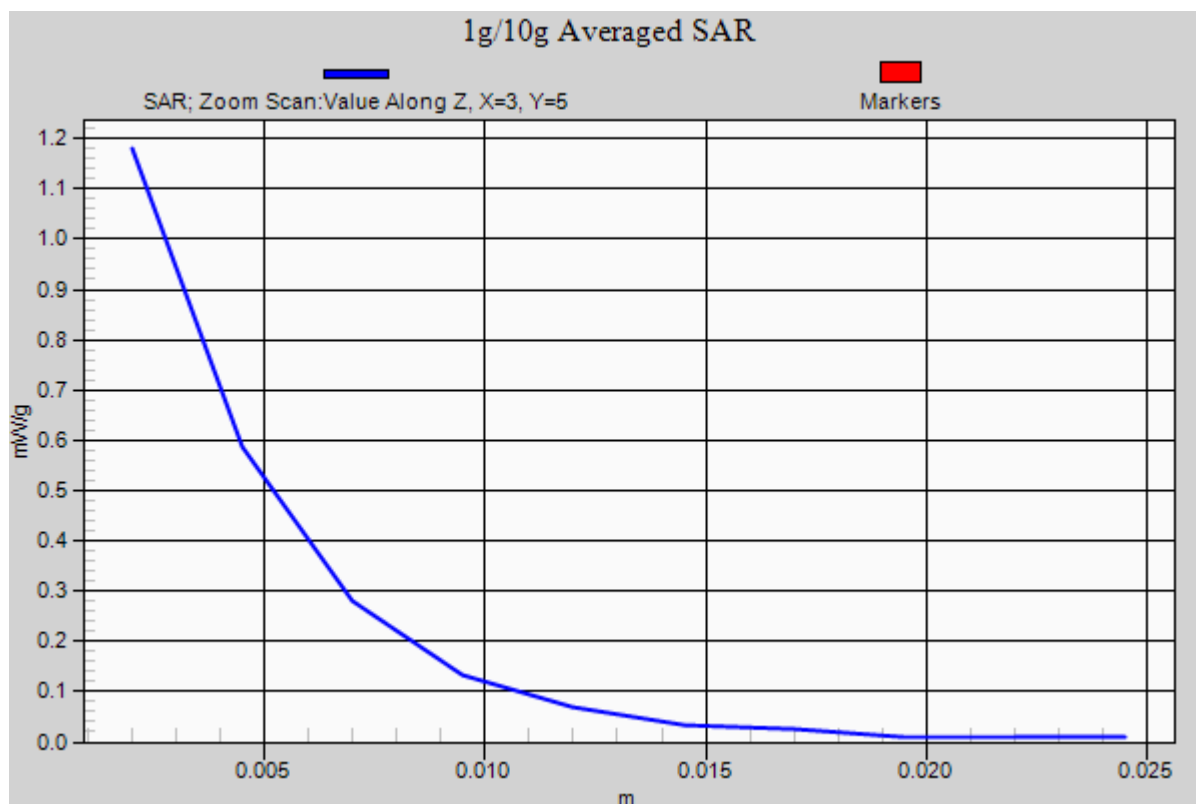
Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.44 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.151 mW/g

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



#20 WLAN5G_802.11a_Edge 2_0cm_Ch60_Ant 0

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 48.3$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch60/Area Scan (61x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.082 mW/g

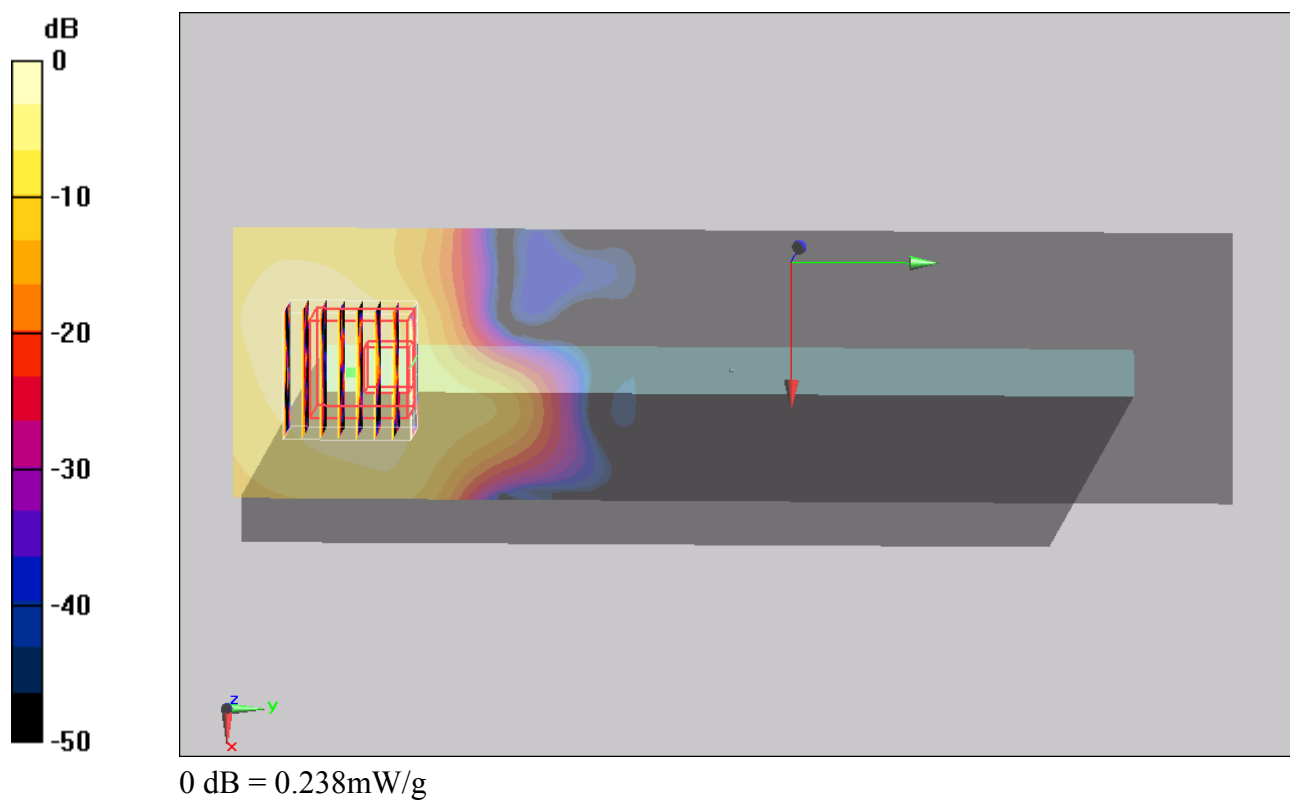
Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.394 W/kg

SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.027 mW/g

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



#21 WLAN5G_802.11a_Bottom Face_0cm_Ch60_Ant 0+1

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 48.3$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch60/Area Scan (201x281x1): Measurement grid: dx=10mm, dy=10mm

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

Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 3.71 W/kg

SAR(1 g) = 0.962 mW/g; SAR(10 g) = 0.355 mW/g

Maximum value of SAR (measured) = 1.96 mW/g

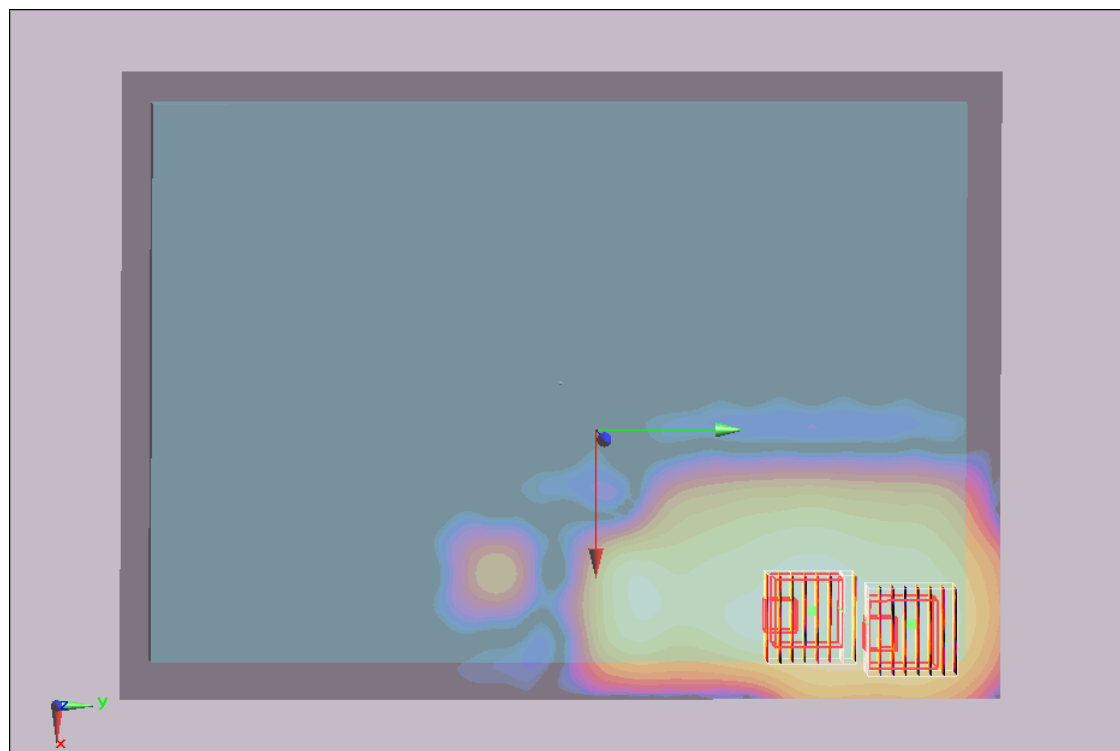
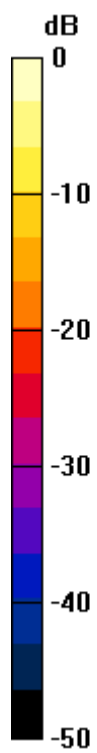
Ch60/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.142 mW/g

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



0 dB = 1.09mW/g

#22 WLAN5G_802.11a_Bottom Face_0cm_Ch52_Ant 0+1

DUT: 290555

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120906 Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 5.37 \text{ mho/m}$; $\epsilon_r = 48.4$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch52/Area Scan (201x141x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.23 mW/g

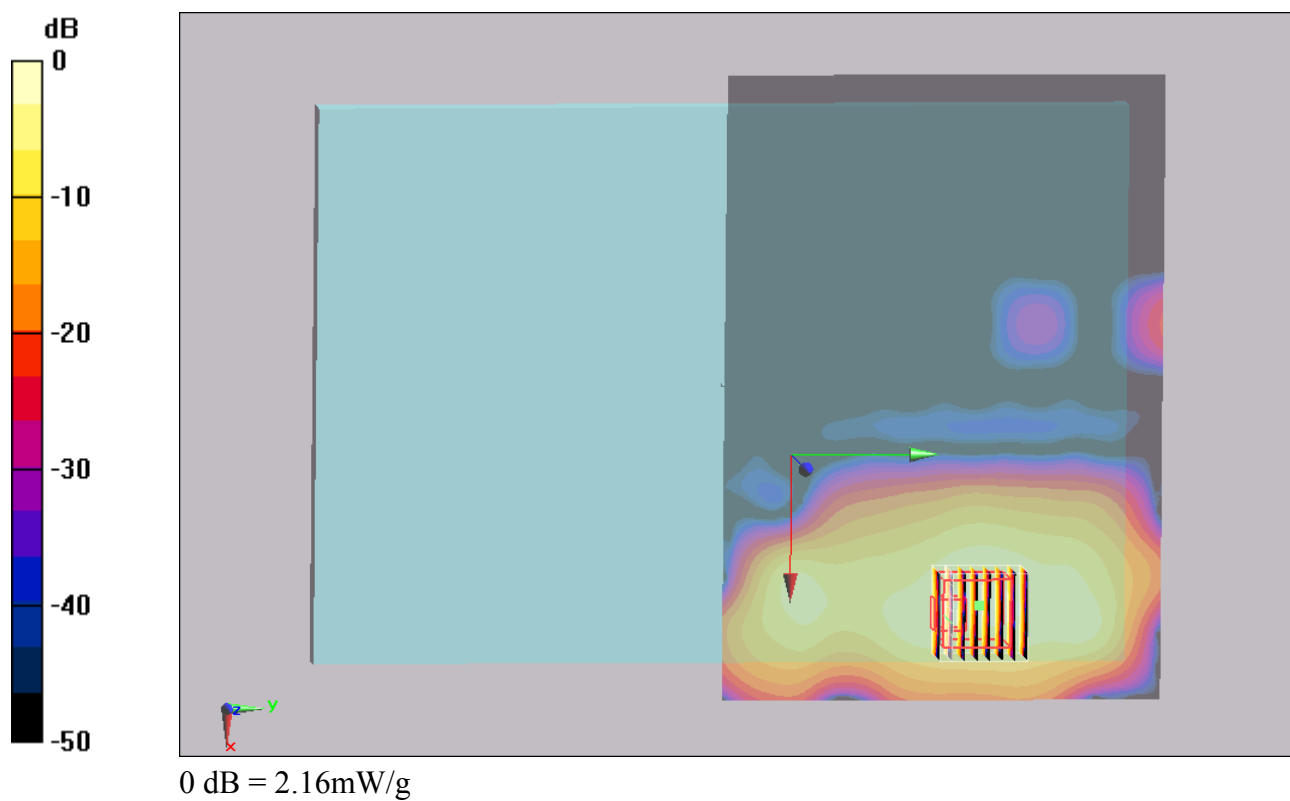
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0 V/m ; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 4.09 W/kg

SAR(1 g) = 1.05 mW/g ; SAR(10 g) = 0.394 mW/g

Maximum value of SAR (measured) = 2.16 mW/g



#37 WLAN5G_802.11a_Edge 1_0cm_Ch60_Ant 0+1

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 48.3$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch60/Area Scan (61x281x1): Measurement grid: dx=10mm, dy=10mm

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

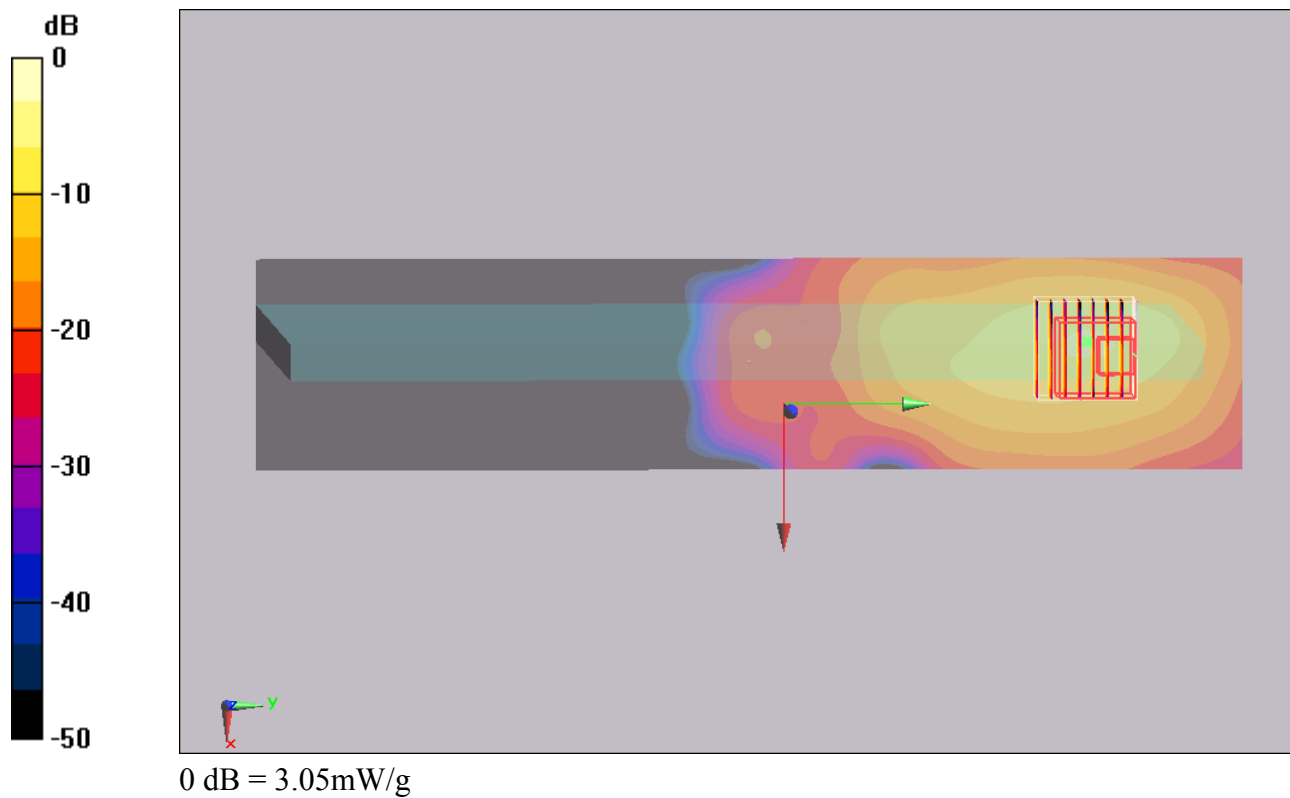
Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.46 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 5.84 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.310 mW/g

Maximum value of SAR (measured) = 3.05 mW/g



#37 WLAN5G_802.11a_Edge 1_0cm_Ch60_Ant 0+1_2D**DUT: 290555**

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 48.3$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch60/Area Scan (61x281x1): Measurement grid: dx=10mm, dy=10mm

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

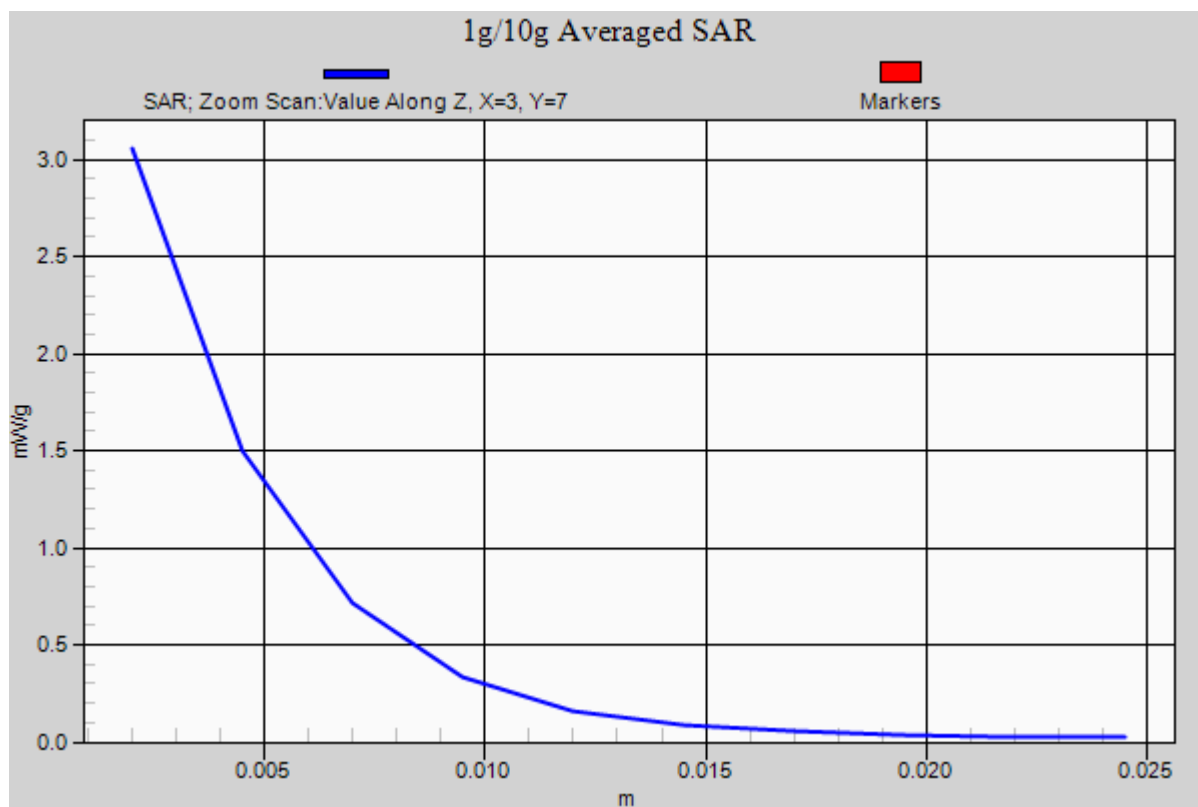
Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.46 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 5.84 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.310 mW/g

Maximum value of SAR (measured) = 3.05 mW/g



#38 WLAN5G_802.11a_Edge 1_0cm_Ch52_Ant 0+1

DUT: 290555

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120906 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.37$ mho/m; $\epsilon_r = 48.4$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch52/Area Scan (61x281x1): Measurement grid: dx=10mm, dy=10mm

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

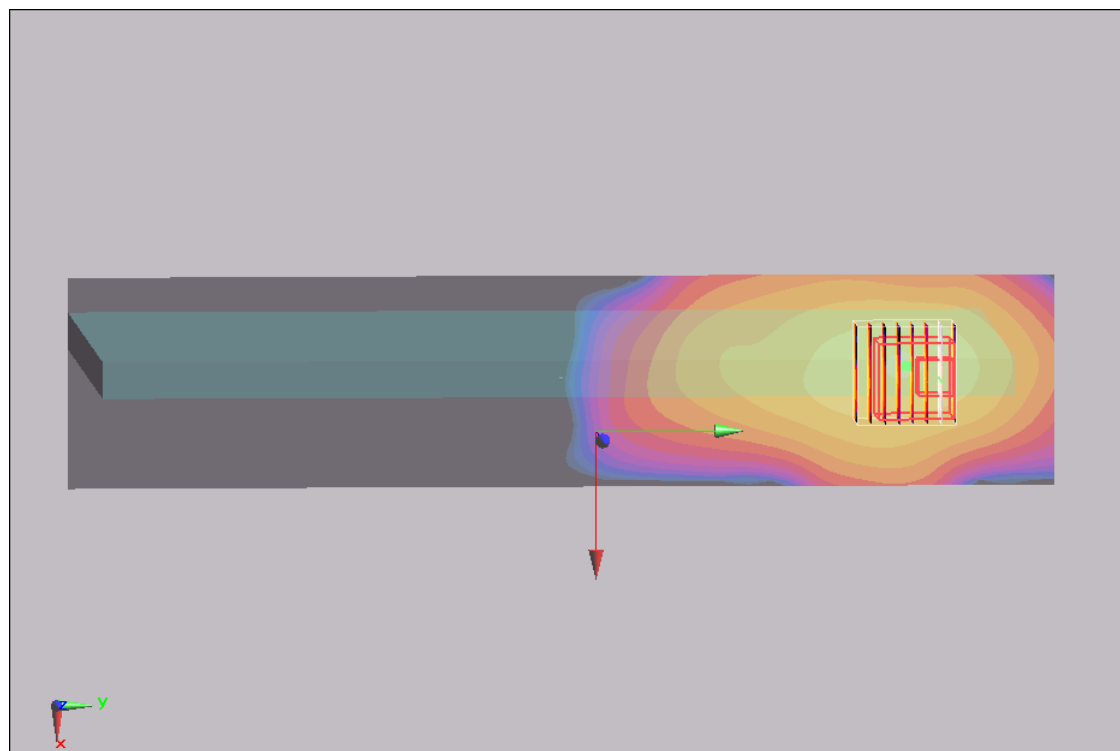
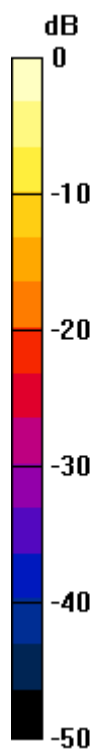
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.95 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 4.4 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.270 mW/g

Maximum value of SAR (measured) = 2.3 mW/g



0 dB = 2.3mW/g

#44 WLAN5G_802.11a_Edge 2_0cm_Ch60_Ant 0+1

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 48.3$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch60/Area Scan (61x221x1): Measurement grid: dx=10mm, dy=10mm

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

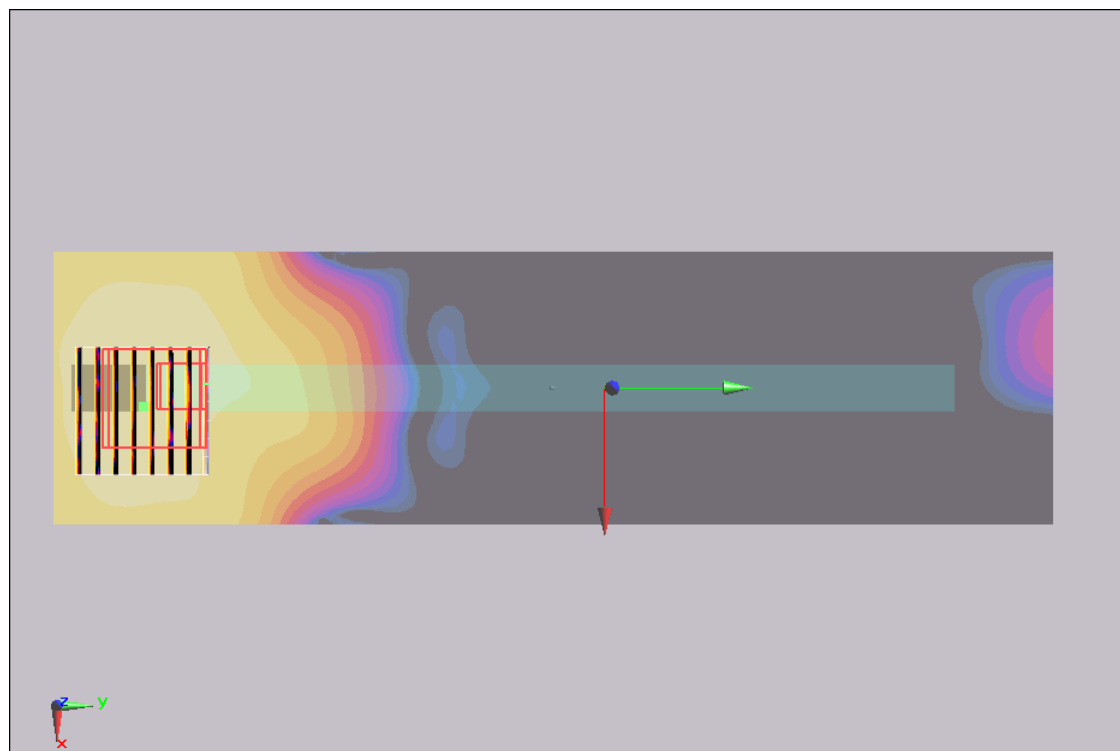
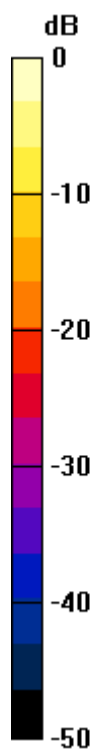
Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.697 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 0.743 W/kg

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.040 mW/g

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



0 dB = 0.416mW/g

#23 WLAN5G_802.11a_Bottom Face_0cm_Ch116_Ant 0

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.82 \text{ mho/m}$; $\epsilon_r = 47.7$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch116/Area Scan (201x281x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.985 mW/g

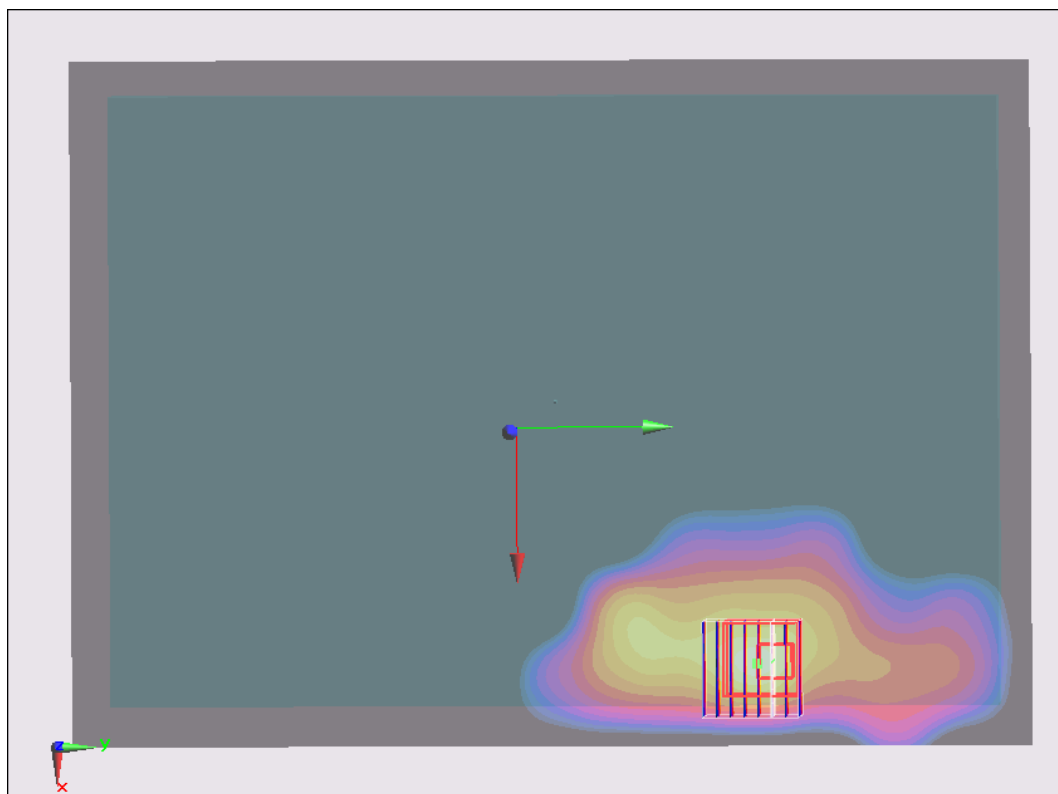
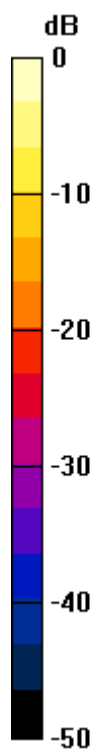
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 1.19 V/m ; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 4.42 W/kg

SAR(1 g) = 1.19 mW/g ; SAR(10 g) = 0.379 mW/g

Maximum value of SAR (measured) = 2.34 mW/g



0 dB = 0.576mW/g

#23 WLAN5G_802.11a_Bottom Face_0cm_Ch116_Ant 0_2D

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.82 \text{ mho/m}$; $\epsilon_r = 47.7$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (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

Ch116/Area Scan (201x281x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.985 mW/g

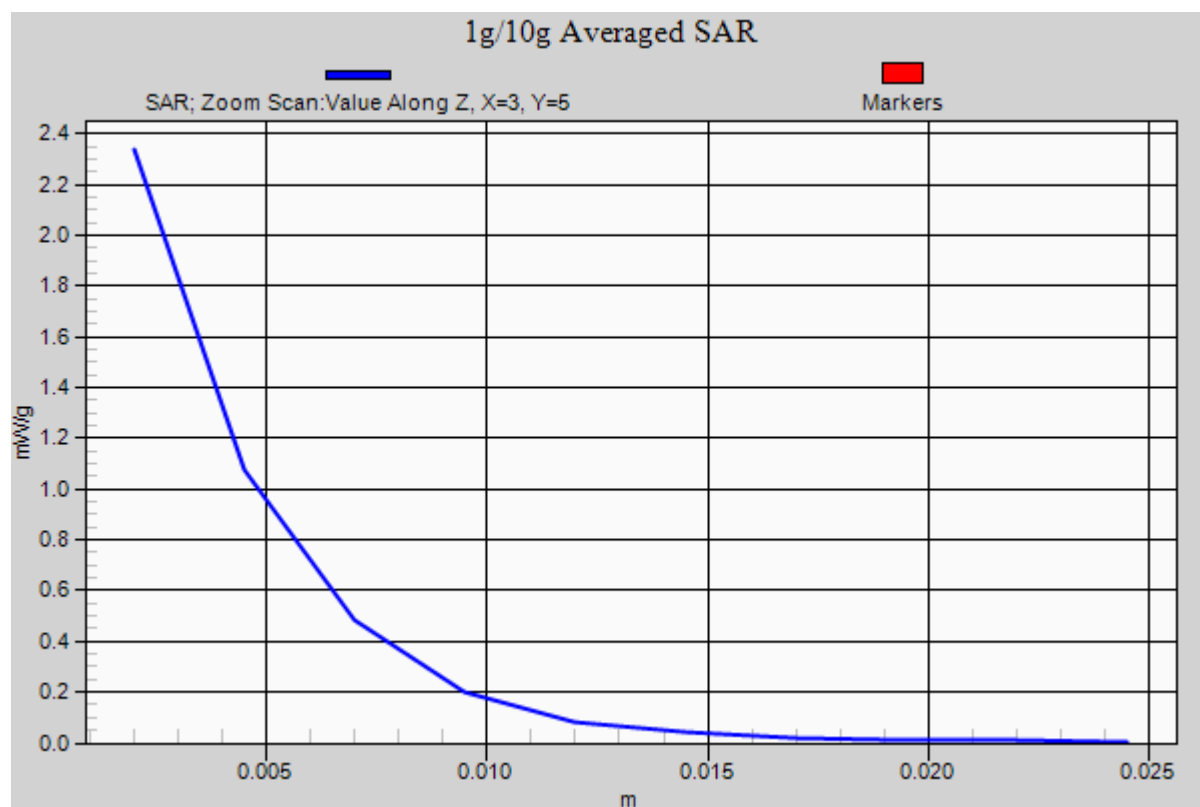
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 1.19 V/m ; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 4.42 W/kg

SAR(1 g) = 1.19 mW/g ; SAR(10 g) = 0.379 mW/g

Maximum value of SAR (measured) = 2.34 mW/g



#30 WLAN5G_802.11a_Bottom Face_0cm_Ch100_Ant 0

DUT: 290555

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120906 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.72$ mho/m; $\epsilon_r = 48$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch100/Area Scan (41x141x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.792 mW/g

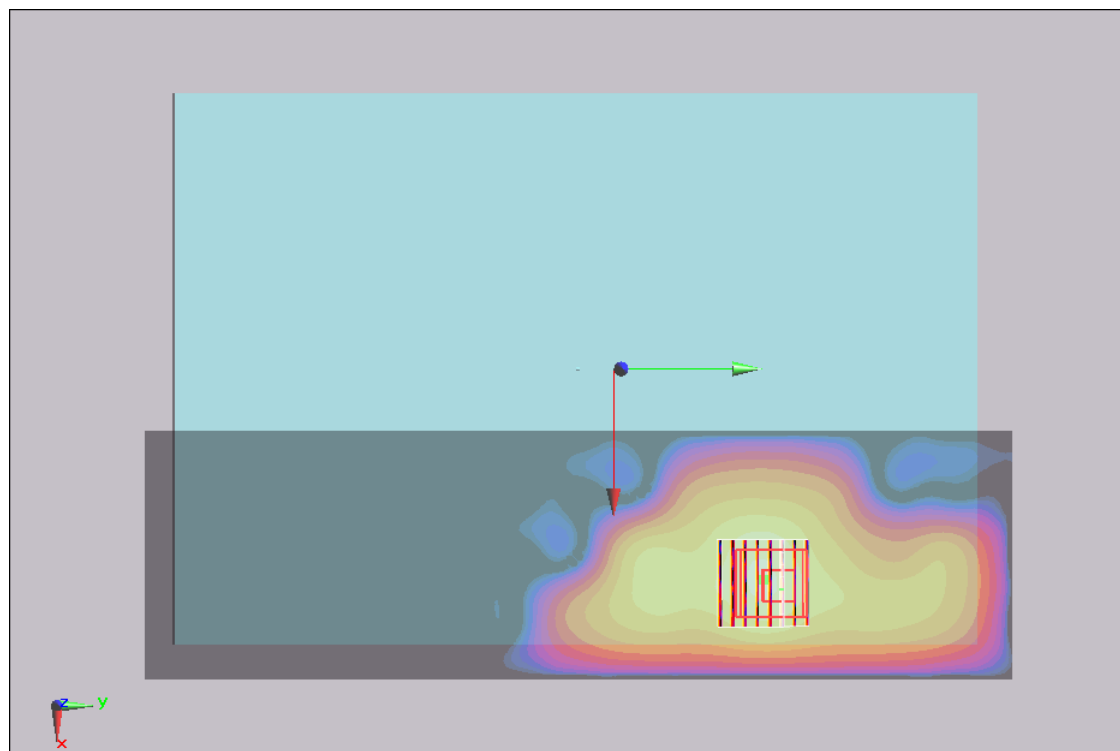
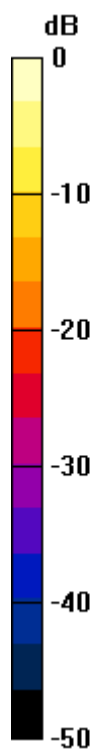
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.224 mW/g

Maximum value of SAR (measured) = 1.51 mW/g



0 dB = 1.51mW/g

#31 WLAN5G_802.11a_Bottom Face_0cm_Ch136_Ant 0**DUT: 290555**

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

Medium: MSL_5G_120925 Medium parameters used: $f = 5680$ MHz; $\sigma = 6.013$ mho/m; $\epsilon_r = 46.623$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.25, 3.25, 3.25); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch136/Area Scan (81x301x1): Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.943 W/kg

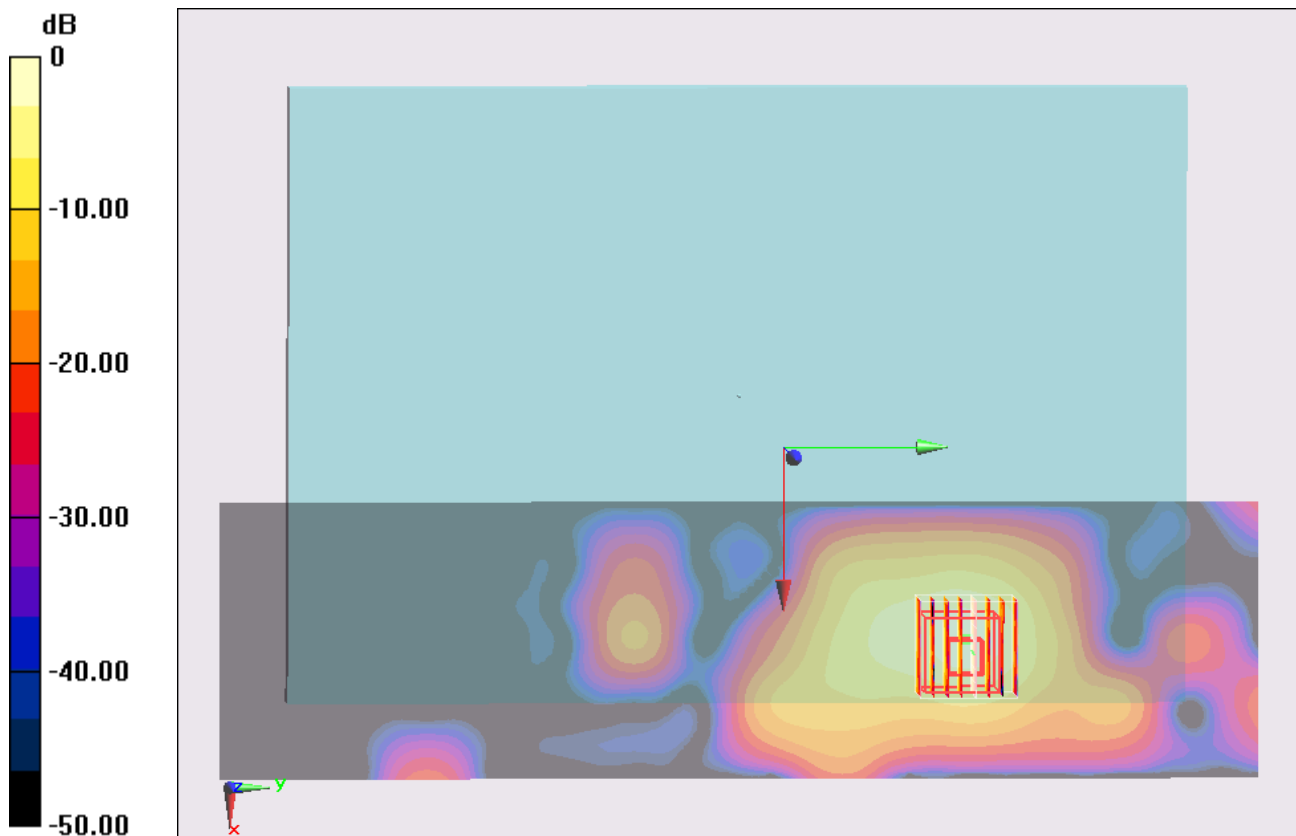
Ch136/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 2.214 mW/g

SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.174 mW/g

Maximum value of SAR (measured) = 1.06 W/kg



#24 WLAN5G_802.11a_Edge 1_0cm_Ch116_Ant 0

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.82 \text{ mho/m}$; $\epsilon_r = 47.7$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch116/Area Scan (61x281x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.491 mW/g

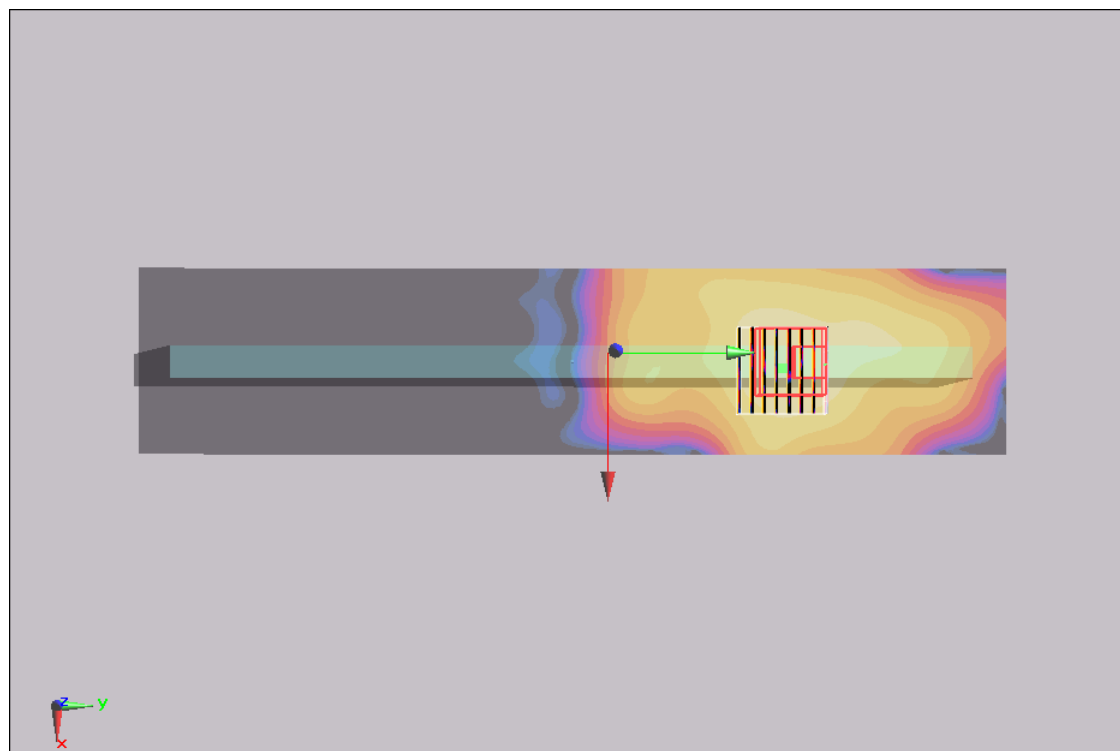
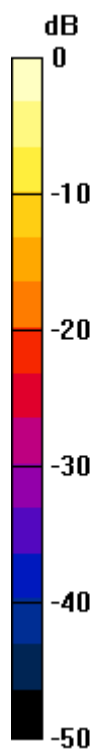
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0.769 V/m ; Power Drift = 0.070 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.355 mW/g ; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 1.1 mW/g



0 dB = 1.1mW/g

#46 WLAN5G_802.11a_Edge 2_0cm_Ch116_Ant 0

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.82$ mho/m; $\epsilon_r = 47.7$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch116/Area Scan (61x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.114 mW/g

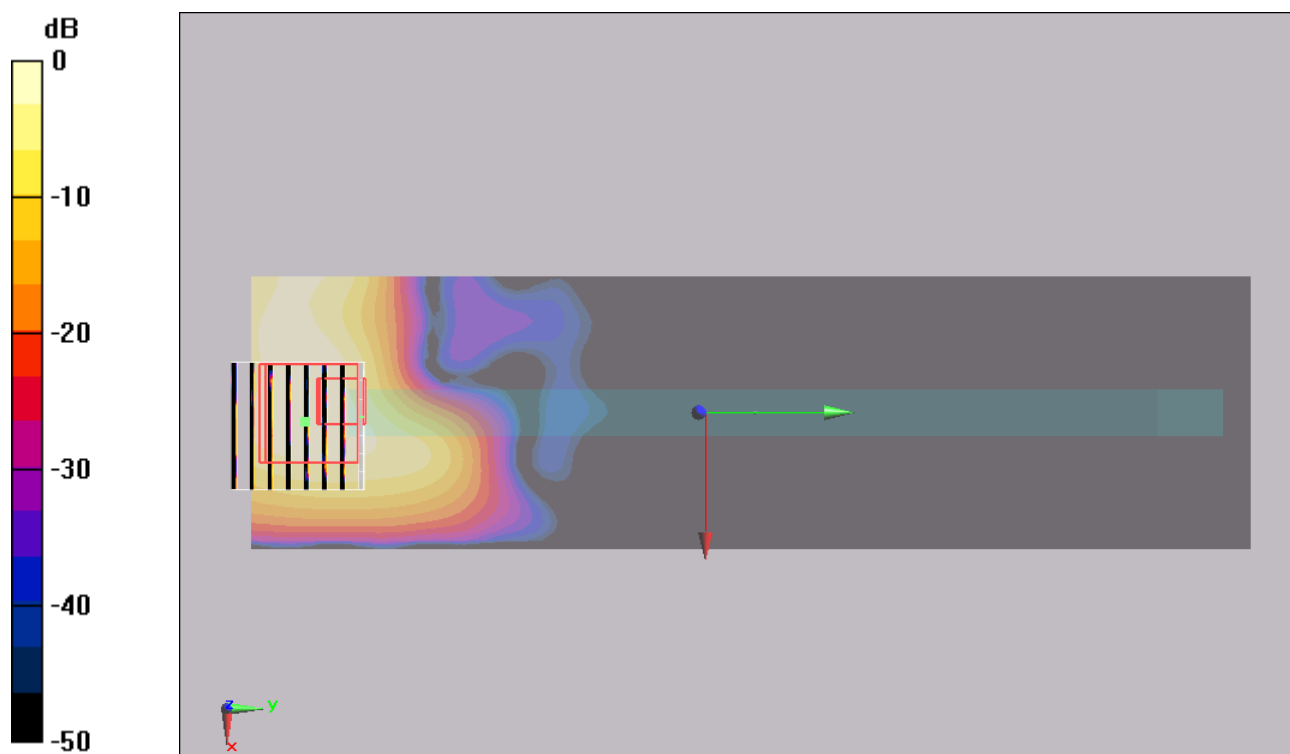
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.095 mW/g



0 dB = 0.095mW/g

#26 WLAN5G_802.11a_Bottom Face_0cm_Ch116_Ant 0+1

DUT: 290555

Communication System: CDMA ; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120906 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.82$ mho/m; $\epsilon_r = 47.7$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch116/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.73 mW/g

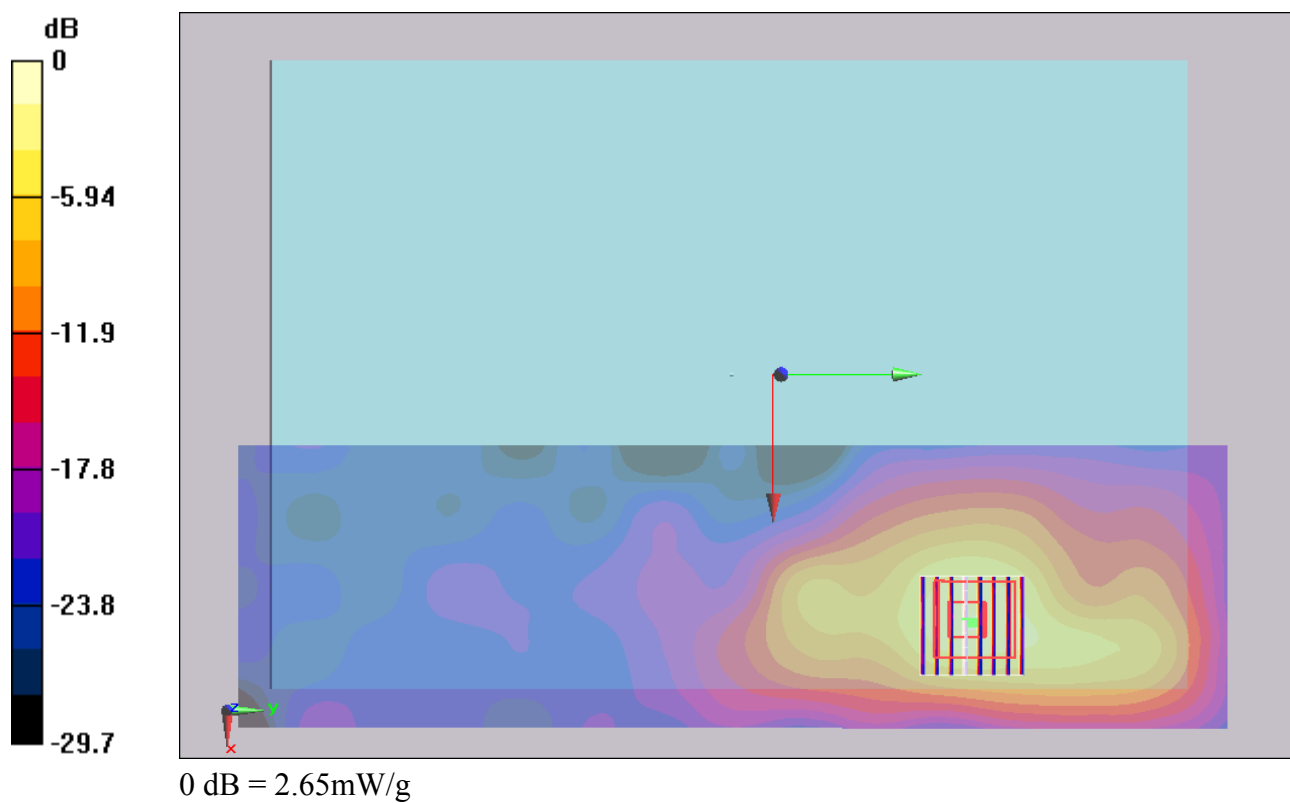
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.87 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 5.11 W/kg

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.481 mW/g

Maximum value of SAR (measured) = 2.65 mW/g



#26 WLAN5G_802.11a_Bottom Face_0cm_Ch116_Ant 0+1_2D**DUT: 290555**

Communication System: CDMA ; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120906 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.82$ mho/m; $\epsilon_r = 47.7$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch116/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.73 mW/g

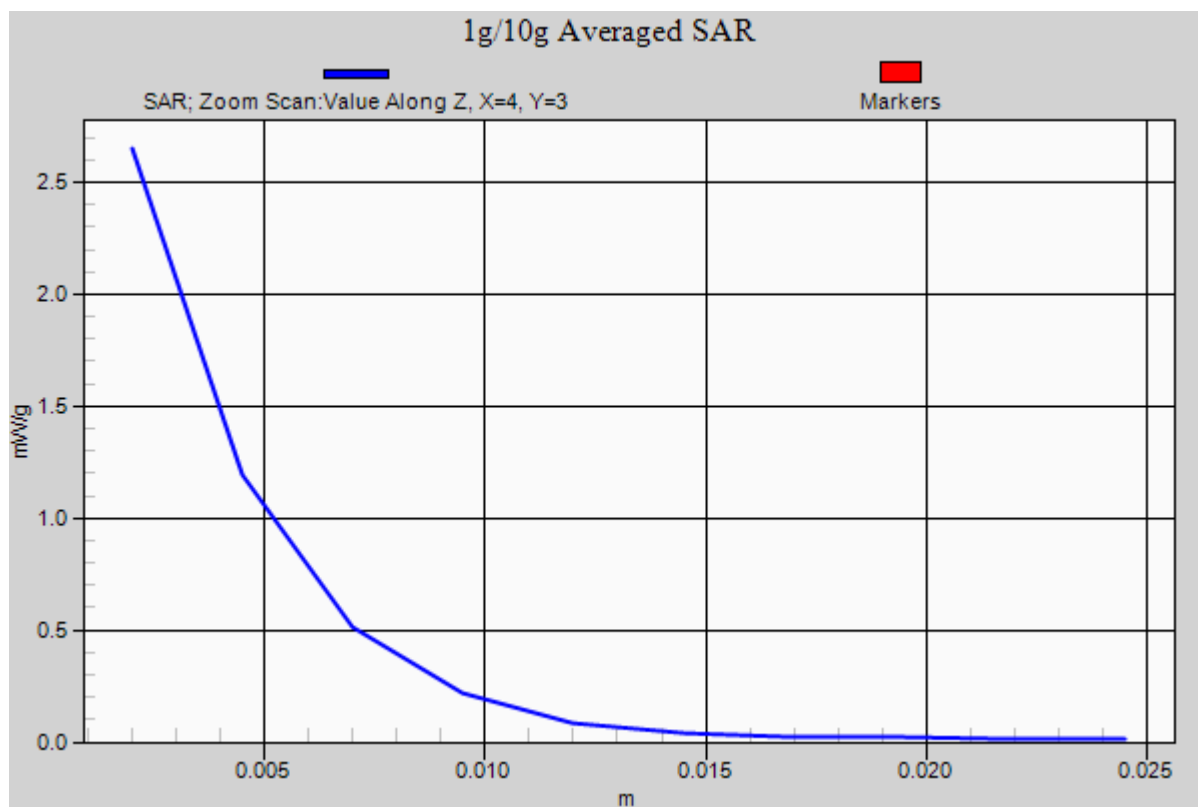
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.87 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 5.11 W/kg

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.481 mW/g

Maximum value of SAR (measured) = 2.65 mW/g



#27 WLAN5G_802.11a_Bottom Face_0cm_Ch100_Ant 0+1

DUT: 290555

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120906 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.72$ mho/m; $\epsilon_r = 48$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch100/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.25 mW/g

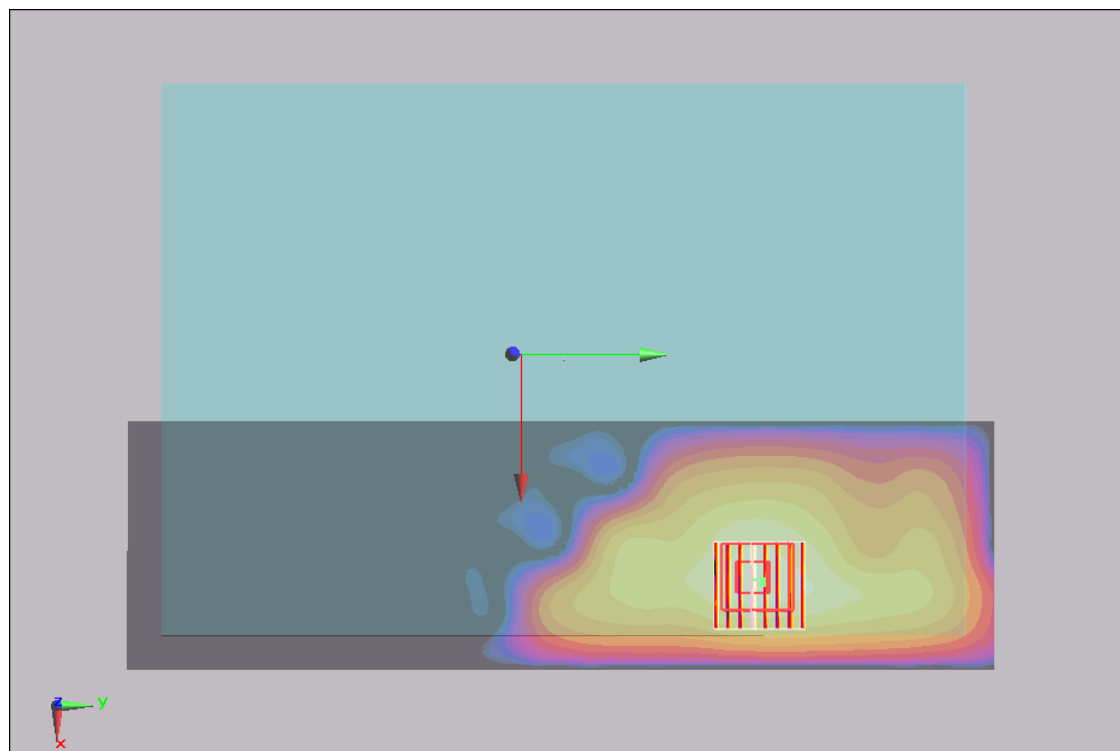
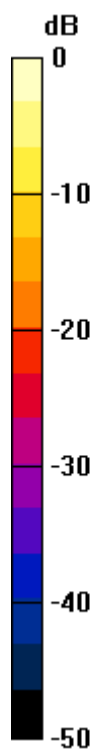
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0 dB

Peak SAR (extrapolated) = 4.82 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.404 mW/g

Maximum value of SAR (measured) = 2.57 mW/g



0 dB = 2.57mW/g

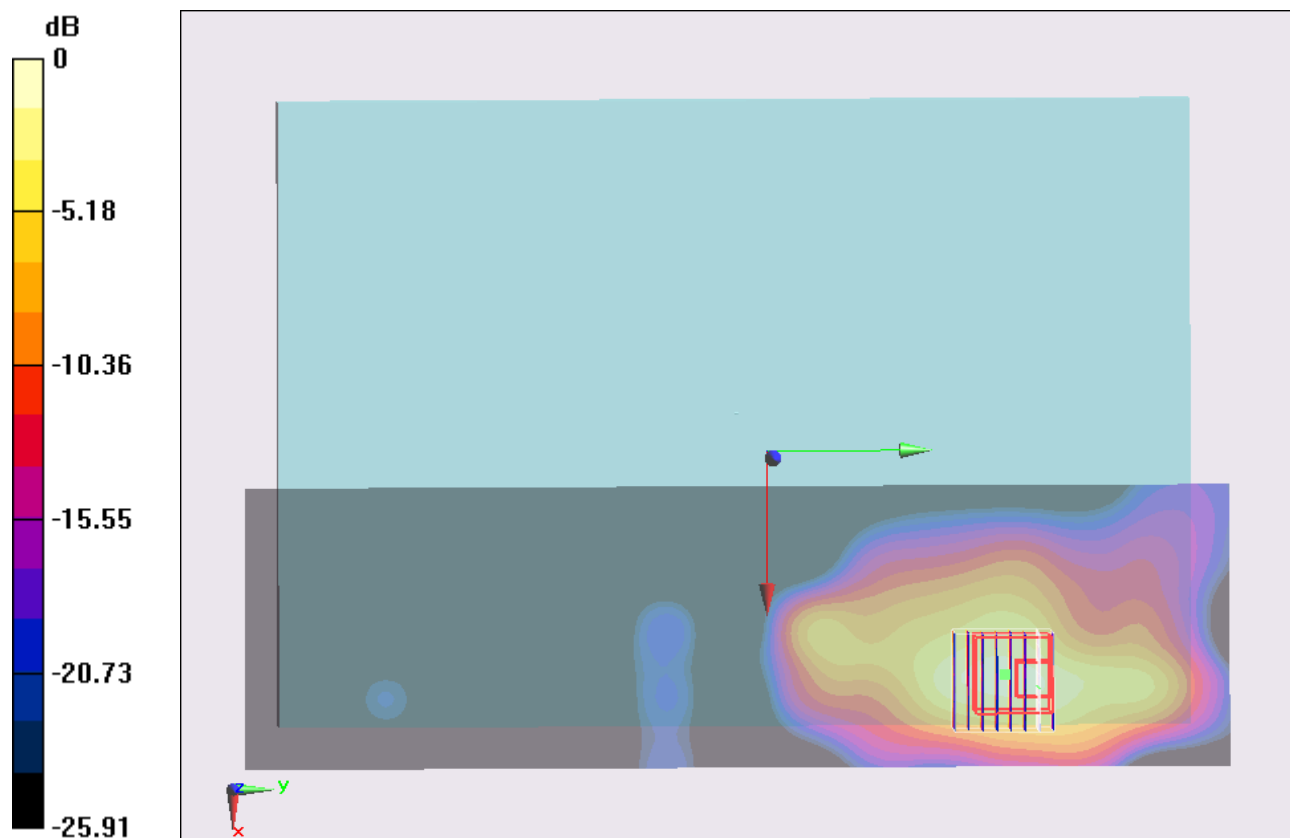
#28 WLAN5G_802.11a_Bottom Face_0cm_Ch136_Ant 0+1**DUT: 290555**

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

Medium: MSL_5G_120925 Medium parameters used : $f = 5680$ MHz; $\sigma = 6.013$ mho/m; $\epsilon_r = 46.623$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.25, 3.25, 3.25); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch136/Area Scan (81x281x1): Measurement grid: $dx=10$ mm, $dy=10$ mmMaximum value of SAR (interpolated) = 1.45 W/kg **Ch136/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mmReference Value = 0.764 V/m ; Power Drift = 0.192 dB Peak SAR (extrapolated) = 3.394 mW/g **SAR(1 g) = 0.888 mW/g ; SAR(10 g) = 0.360 mW/g** Maximum value of SAR (measured) = 1.70 W/kg  $0 \text{ dB} = 1.70 \text{ W/kg} = 4.61 \text{ dB W/kg}$

#34 WLAN5G_802.11a_Edge 1_0cm_Ch116_Ant 0+1

DUT: 290555

Communication System: EGSM; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120906 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.82$ mho/m; $\epsilon_r = 47.7$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch116/Area Scan (61x281x1): Measurement grid: dx=10mm, dy=10mm

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

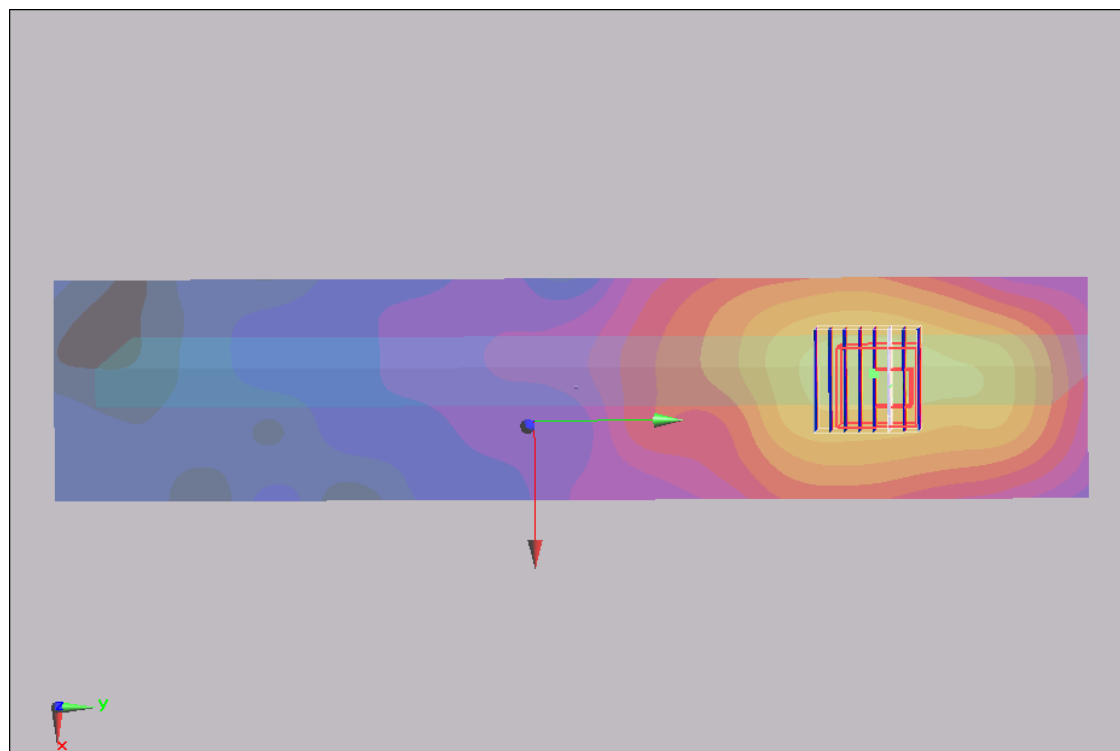
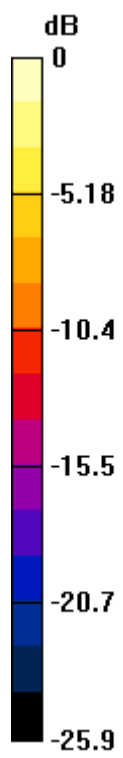
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.87 V/m; Power Drift = -0.167 dB

Peak SAR (extrapolated) = 3.7 W/kg

SAR(1 g) = 0.944 mW/g; SAR(10 g) = 0.293 mW/g

Maximum value of SAR (measured) = 1.94 mW/g



0 dB = 1.94mW/g

#35 WLAN5G_802.11a_Edge 1_0cm_Ch100_Ant 0+1

DUT: 290555

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120906 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.72$ mho/m; $\epsilon_r = 48$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch100/Area Scan (61x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.784 mW/g

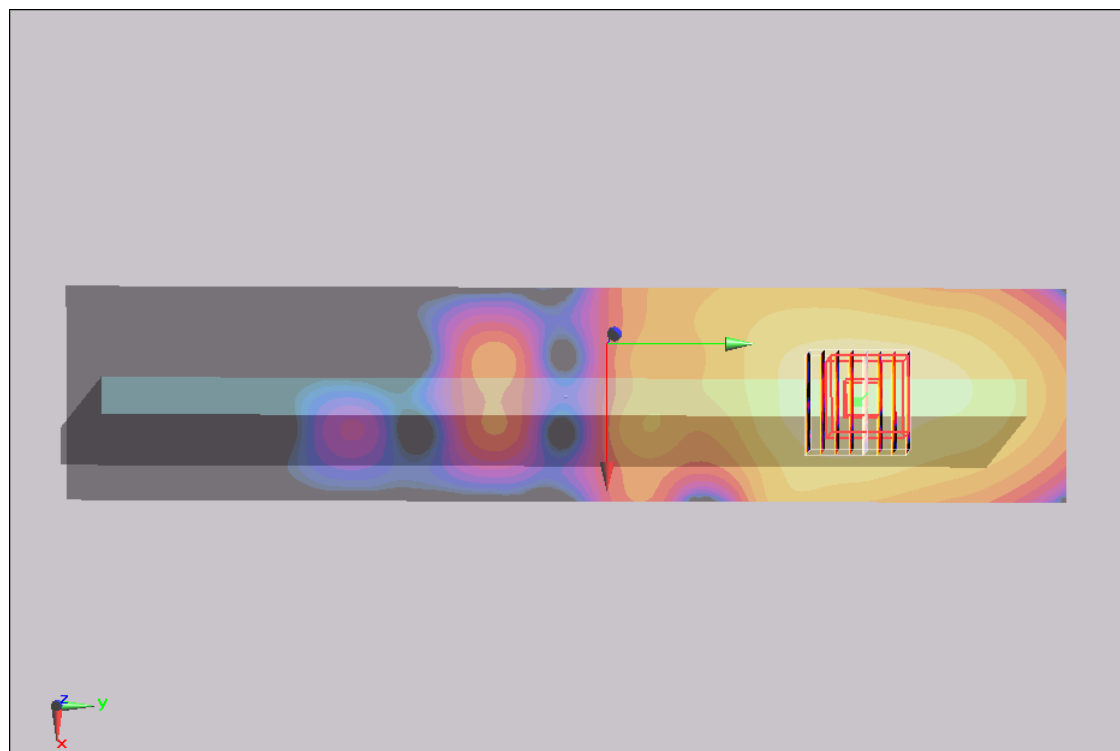
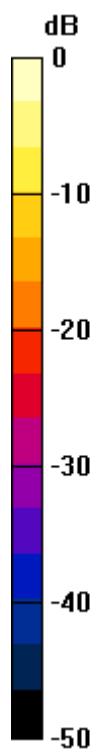
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.69 V/m; Power Drift = 0.113 dB

Peak SAR (extrapolated) = 3.13 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.360 mW/g

Maximum value of SAR (measured) = 1.7 mW/g



0 dB = 1.7mW/g

#36 WLAN5G_802.11a_Edge 1_0cm_Ch136_Ant 0+1**DUT: 290555**

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

Medium: MSL_5G_120925 Medium parameters used: $f = 5680$ MHz; $\sigma = 6.013$ mho/m; $\epsilon_r = 46.623$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.25, 3.25, 3.25); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch136/Area Scan (61x301x1): Measurement grid: dx=10 mm, dy=10 mm

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

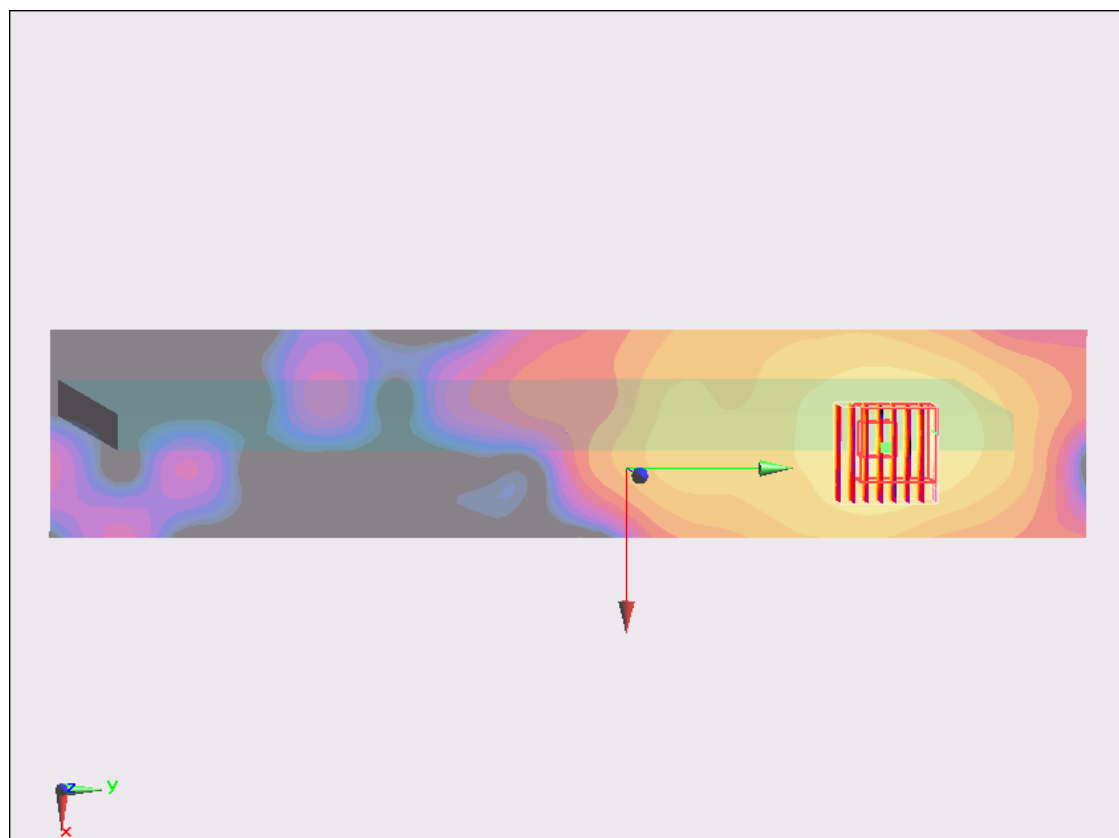
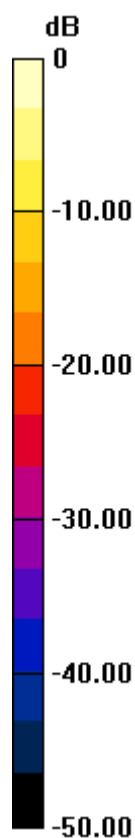
Ch136/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.298 V/m; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 7.854 mW/g

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.366 mW/g

Maximum value of SAR (measured) = 3.50 W/kg



0 dB = 3.50 W/kg = 10.88 dB W/kg

#43 WLAN5G_802.11a_Edge 2_0cm_Ch116_Ant 0+1

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used : $f = 5580 \text{ MHz}$; $\sigma = 5.82 \text{ mho/m}$; $\epsilon_r = 47.7$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.25, 3.25, 3.25); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch116/Area Scan (61x221x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

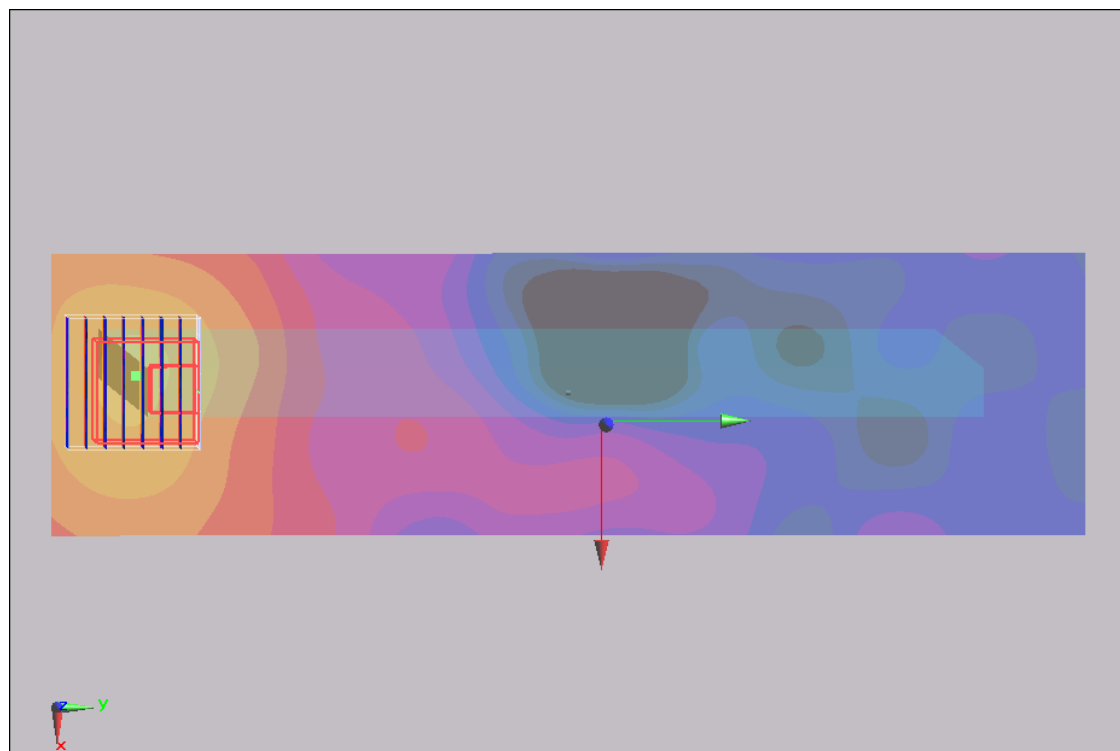
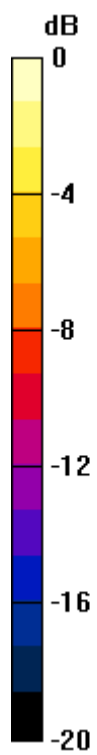
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 1.58 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.232 mW/g ; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.666 mW/g



0 dB = 0.666mW/g

#32 WLAN5G_802.11a_Bottom Face_0cm_Ch149_Ant 0

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.05 \text{ mho/m}$; $\epsilon_r = 47.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch149/Area Scan (81x281x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.849 mW/g

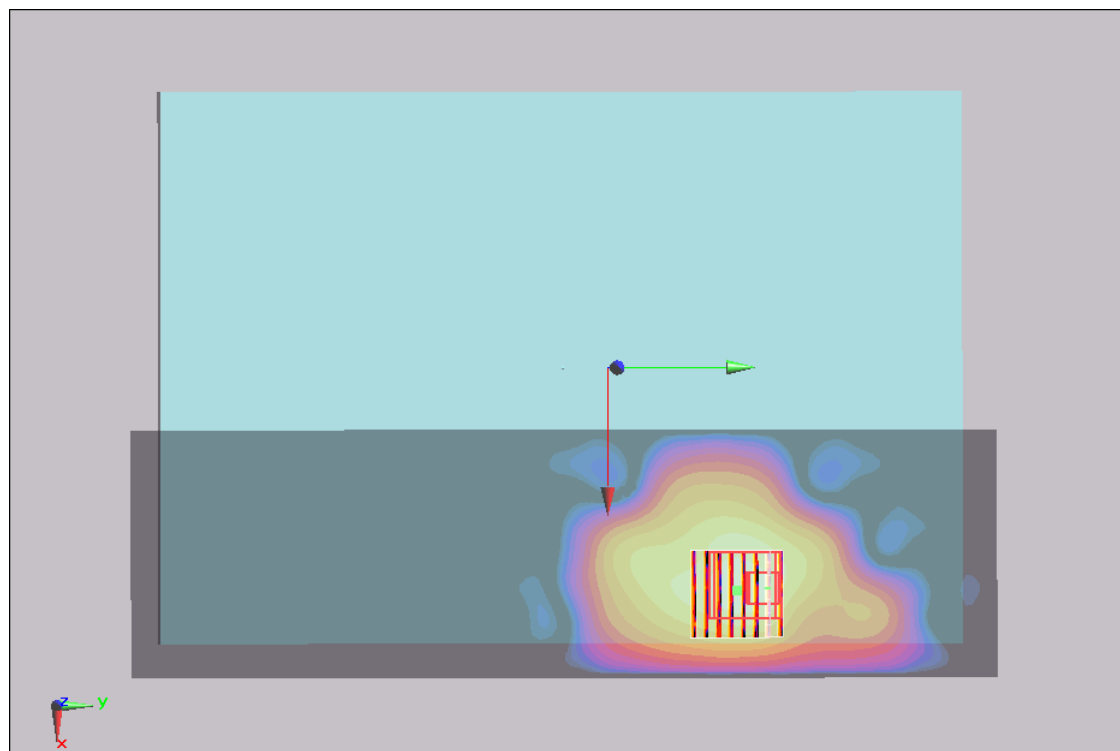
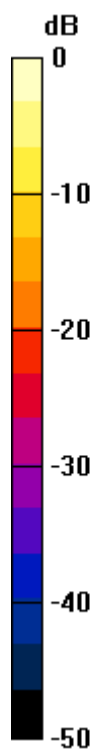
Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0 V/m ; Power Drift = 0 dB

Peak SAR (extrapolated) = 4.46 W/kg

SAR(1 g) = 0.471 mW/g ; SAR(10 g) = 0.132 mW/g

Maximum value of SAR (measured) = 0.979 mW/g



0 dB = 0.979mW/g

#32 WLAN5G_802.11a_Bottom Face_0cm_Ch149_Ant 0_2D**DUT: 290555**

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.05$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch149/Area Scan (81x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.849 mW/g

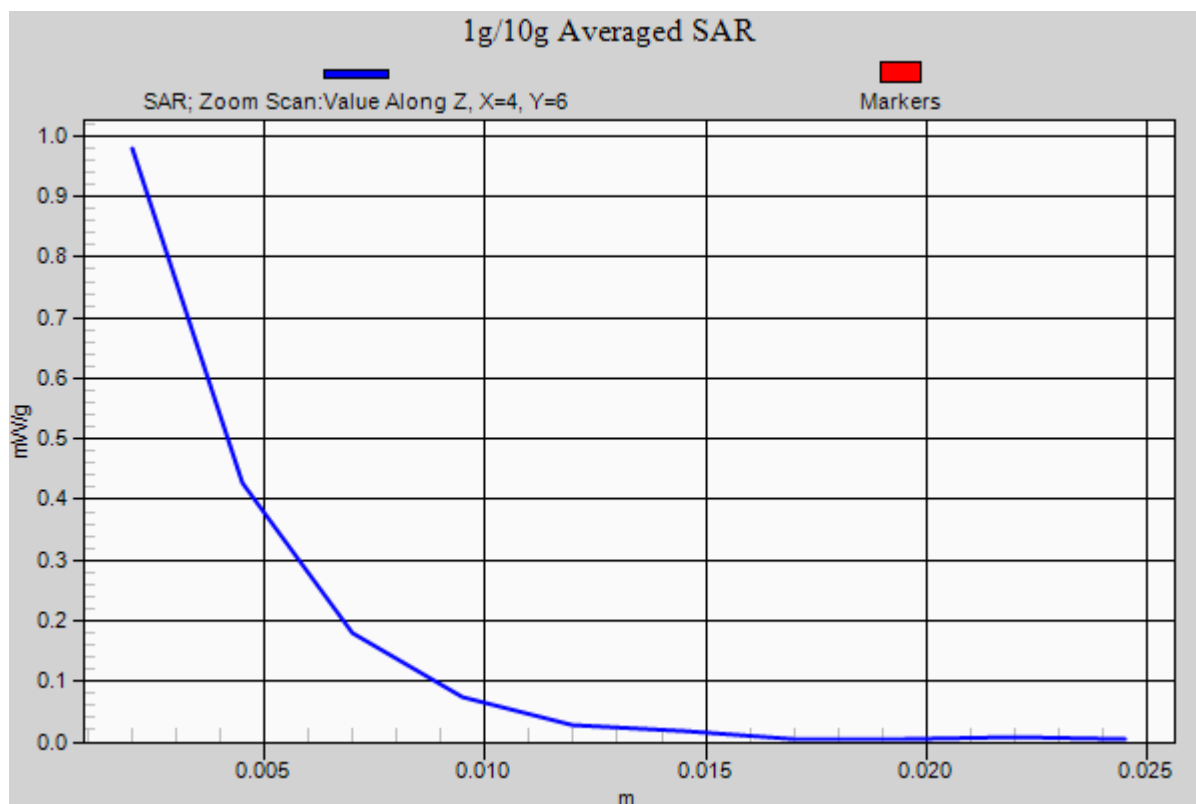
Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0 dB

Peak SAR (extrapolated) = 4.46 W/kg

SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.132 mW/g

Maximum value of SAR (measured) = 0.979 mW/g



#33 WLAN5G_802.11a_Edge 1_0cm_Ch149_Ant 0

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.05 \text{ mho/m}$; $\epsilon_r = 47.4$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch149/Area Scan (61x281x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.401 mW/g

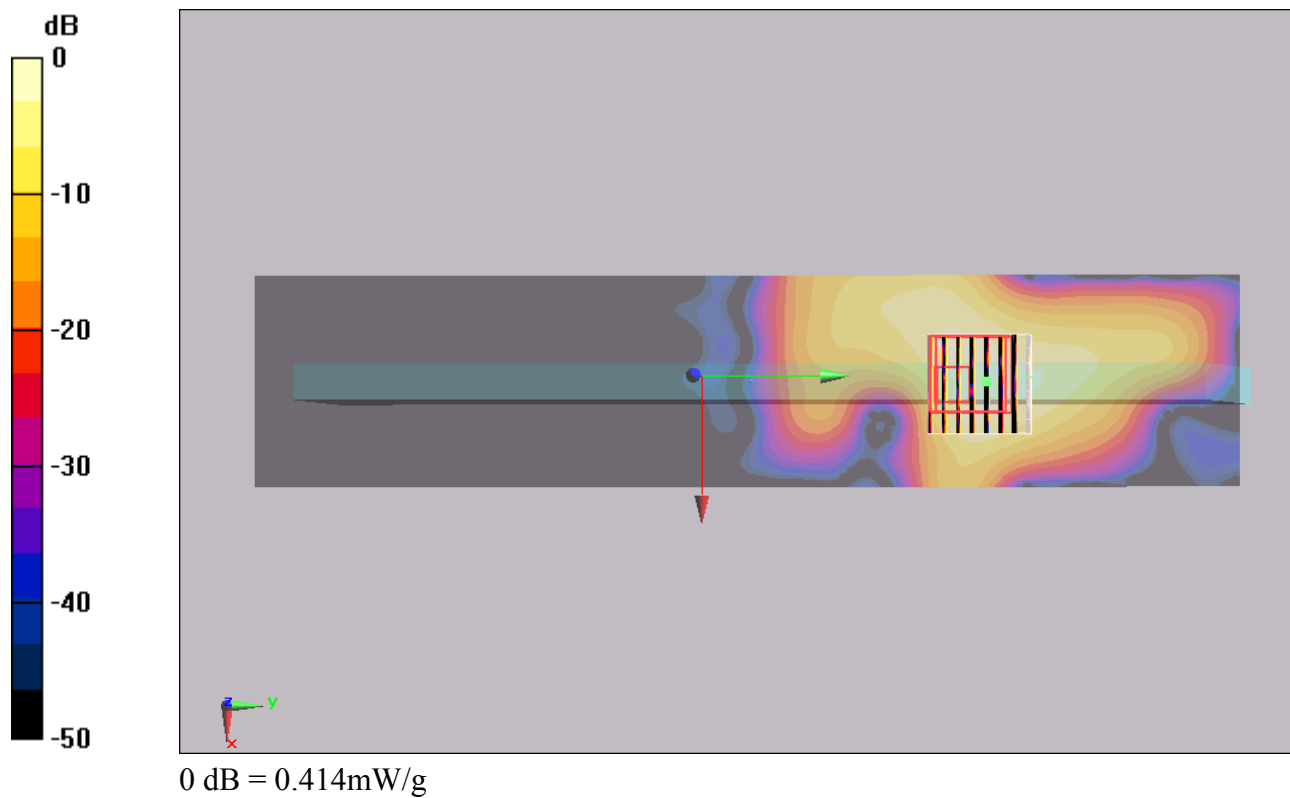
Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 1.17 V/m ; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.742 W/kg

SAR(1 g) = 0.181 mW/g ; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.414 mW/g



#45 WLAN5G_802.11a_Edge 2_0cm_Ch149_Ant 0

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.05 \text{ mho/m}$; $\epsilon_r = 47.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch149/Area Scan (61x221x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.00988 mW/g

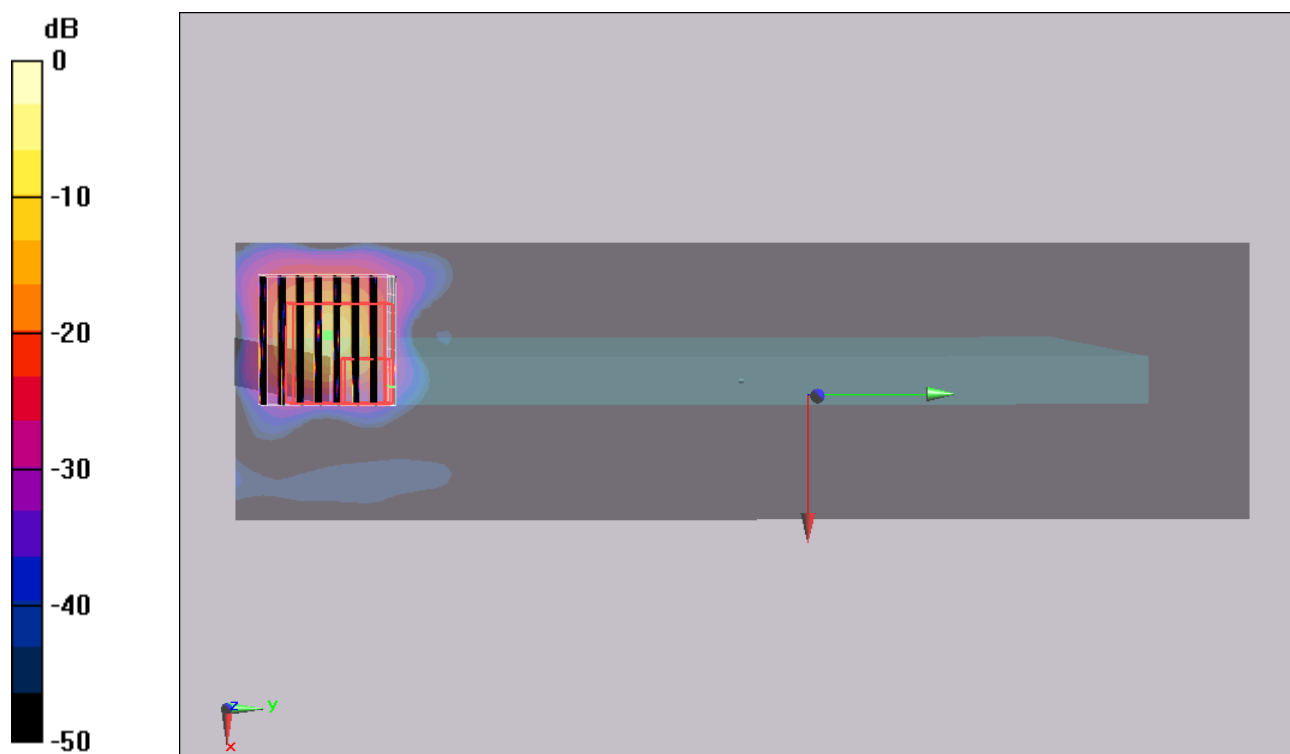
Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0 V/m ; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.012 mW/g ; SAR(10 g) = 0.0014 mW/g

Maximum value of SAR (measured) = 0.042 mW/g



0 dB = 0.042mW/g

#29 WLAN5G_802.11a_Bottom Face_0cm_Ch165_Ant 0+1

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 6.15 \text{ mho/m}$; $\epsilon_r = 47.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch165/Area Scan (201x281x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.59 mW/g

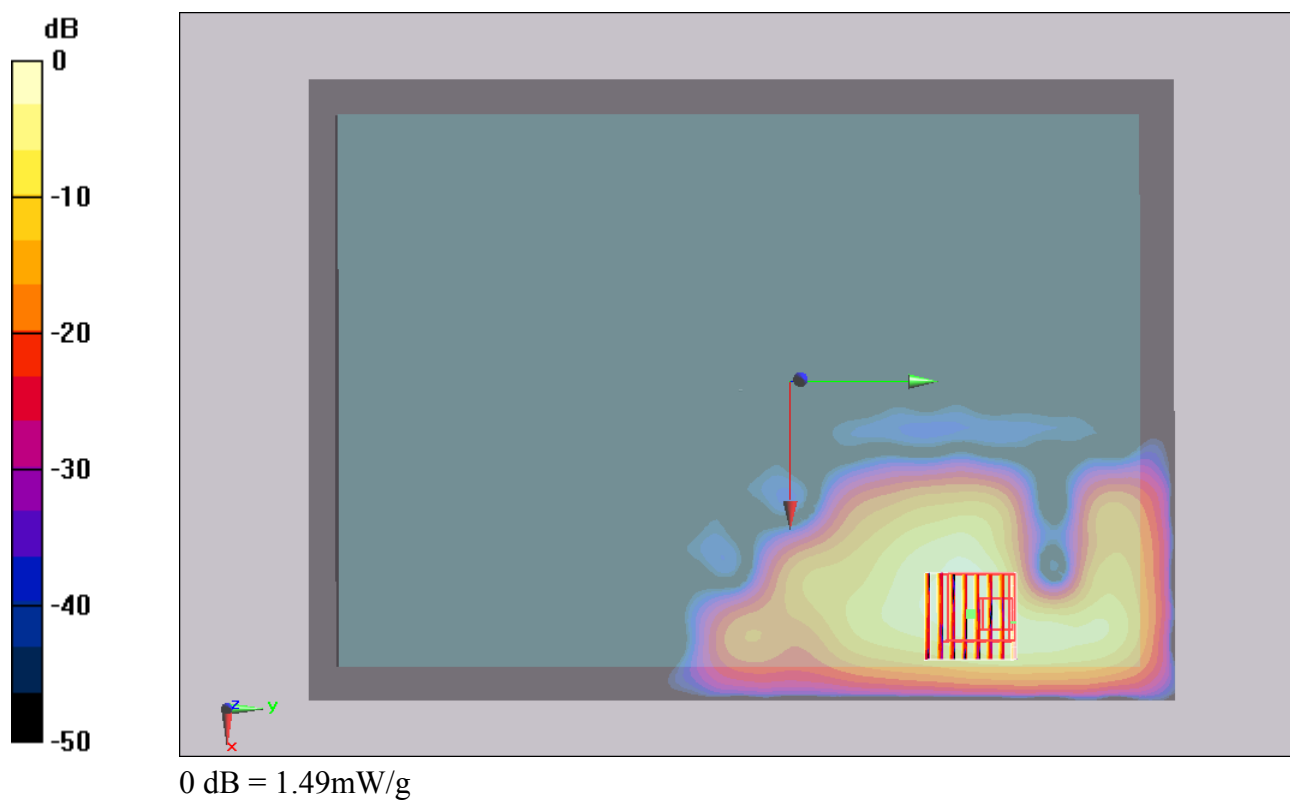
Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0 V/m ; Power Drift = 0 dB

Peak SAR (extrapolated) = 3.15 W/kg

SAR(1 g) = 0.728 mW/g ; SAR(10 g) = 0.275 mW/g

Maximum value of SAR (measured) = 1.49 mW/g



#39 WLAN5G_802.11a_Edge 1_0cm_Ch165_Ant 0+1

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 6.15 \text{ mho/m}$; $\epsilon_r = 47.1$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch165/Area Scan (61x281x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.592 mW/g

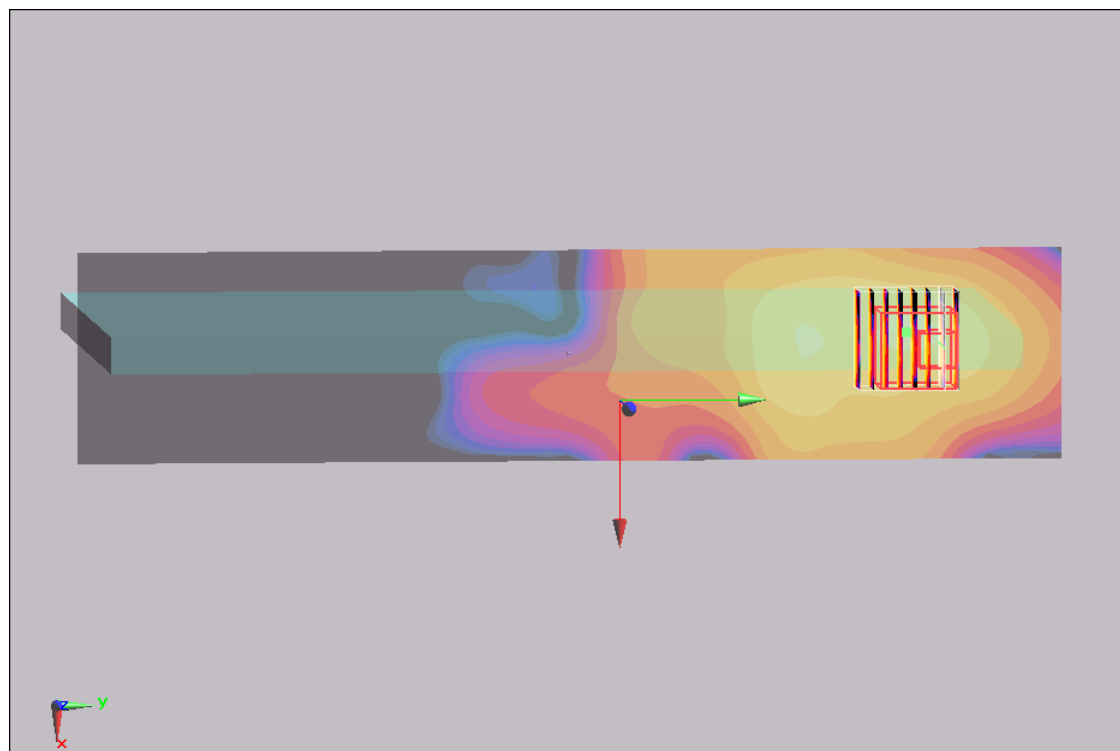
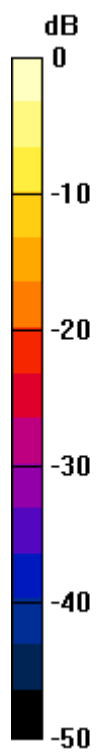
Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 2.09 V/m ; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 4.67 W/kg

SAR(1 g) = 1.01 mW/g ; SAR(10 g) = 0.249 mW/g

Maximum value of SAR (measured) = 2.22 mW/g



0 dB = 2.22mW/g

#40 WLAN5G_802.11a_Edge 1_0cm_Ch149_Ant 0+1

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.05 \text{ mho/m}$; $\epsilon_r = 47.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch149/Area Scan (61x281x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.677 mW/g

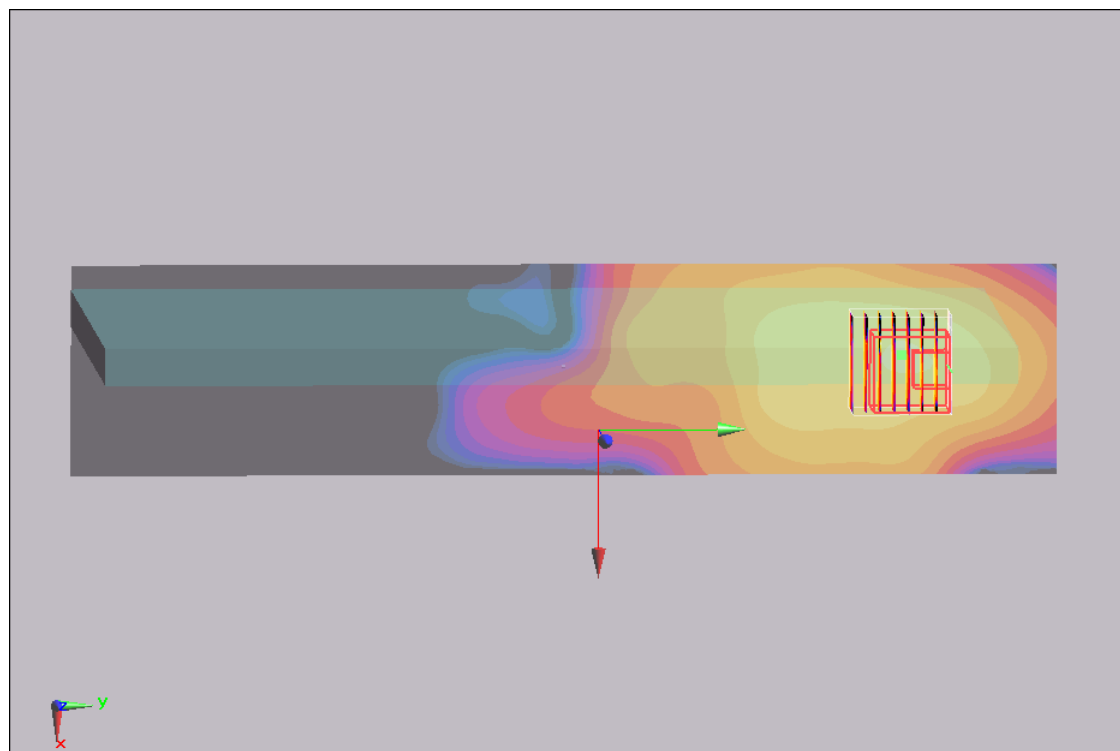
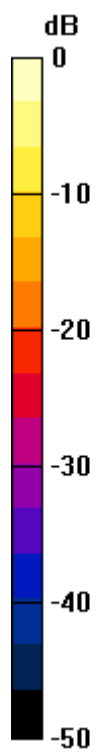
Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 2.68 V/m ; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 4.61 W/kg

SAR(1 g) = 1.17 mW/g ; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 2.88 mW/g



0 dB = 2.88mW/g

#41 WLAN5G_802.11a_Edge 1_0cm_Ch157_Ant 0+1

DUT: 290555

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

Medium: MSL_5G_120906 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 : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch157/Area Scan (61x281x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.664 mW/g

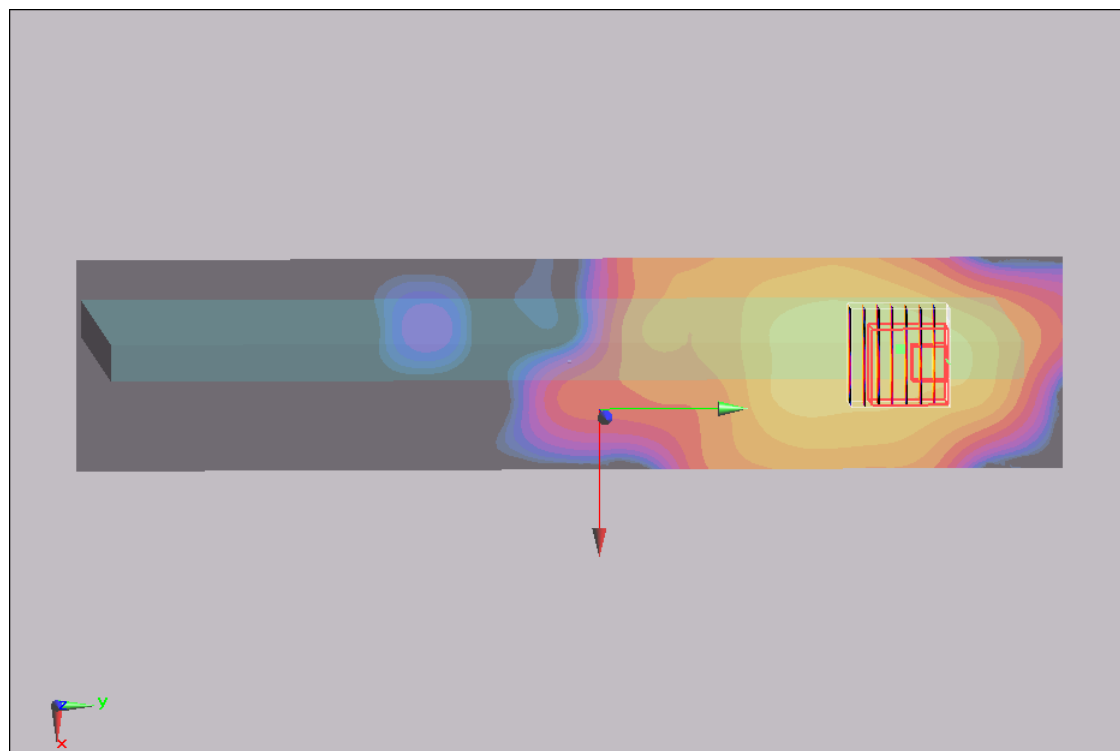
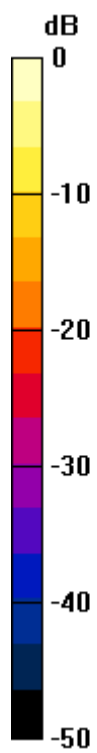
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 2.13 V/m ; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 5.99 W/kg

SAR(1 g) = 1.17 mW/g ; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 3.07 mW/g



0 dB = 3.07mW/g

#41 WLAN5G_802.11a_Edge 1_0cm_Ch157_Ant 0+1_2D**DUT: 290555**

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.1$ mho/m; $\epsilon_r = 47.2$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch157/Area Scan (61x281x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.664 mW/g

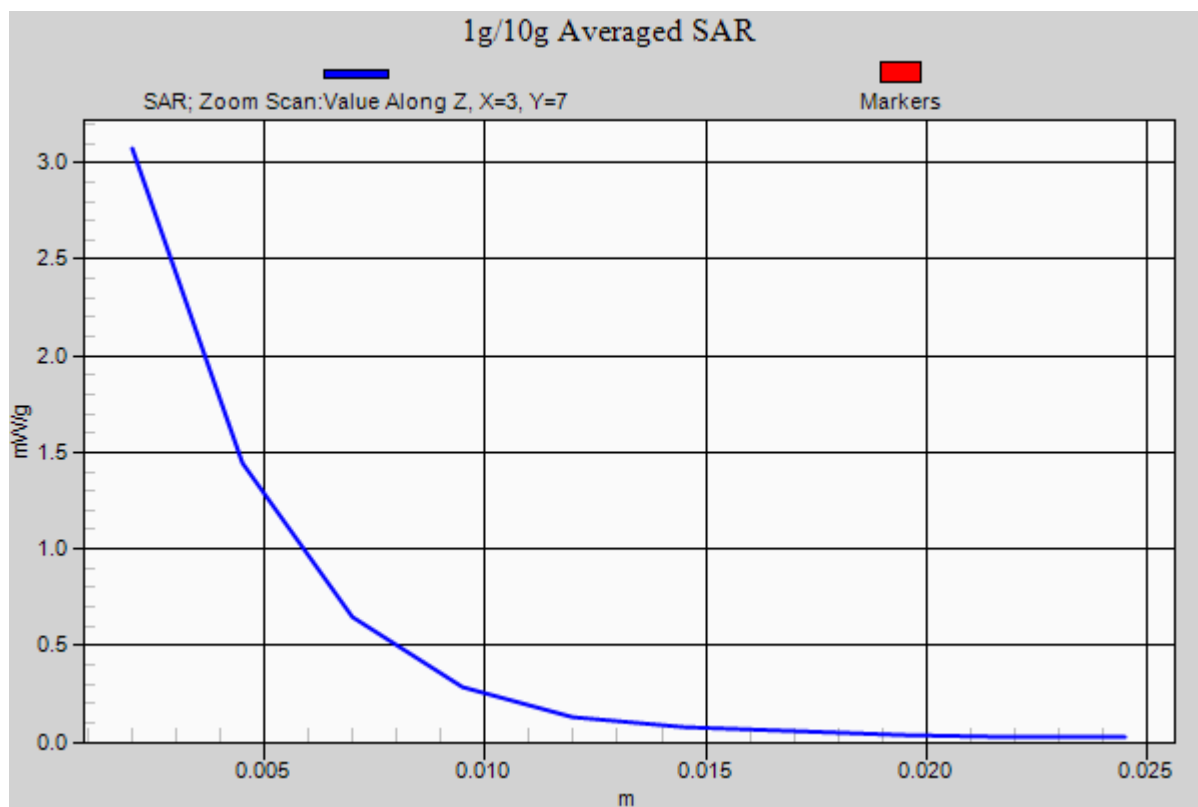
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.13 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 5.99 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 3.07 mW/g



#42 WLAN5G_802.11a_Edge 2_0cm_Ch165_Ant 0+1

DUT: 290555

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

Medium: MSL_5G_120906 Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 6.15 \text{ mho/m}$; $\epsilon_r = 47.1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch165/Area Scan (61x221x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.162 mW/g

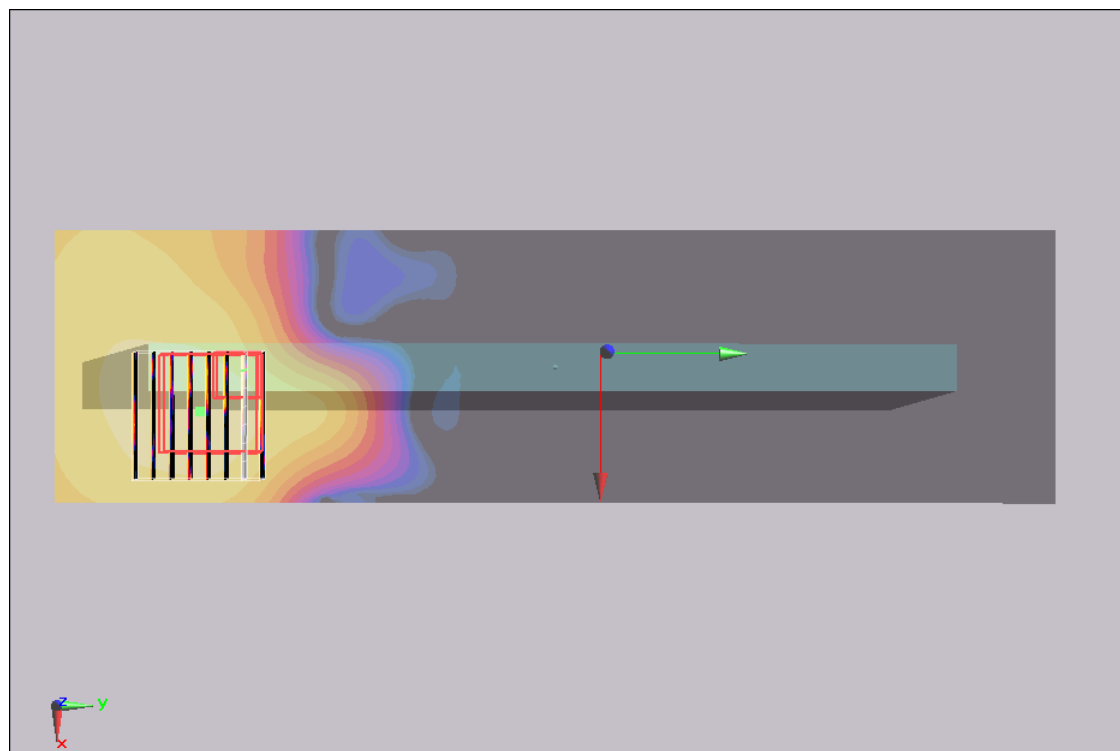
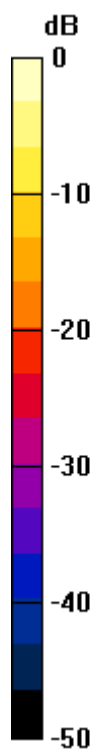
Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0 V/m ; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.180 mW/g ; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.428 mW/g



0 dB = 0.428mW/g