



Appendix A. Plots of System Performance Check

The plots are shown as follows.

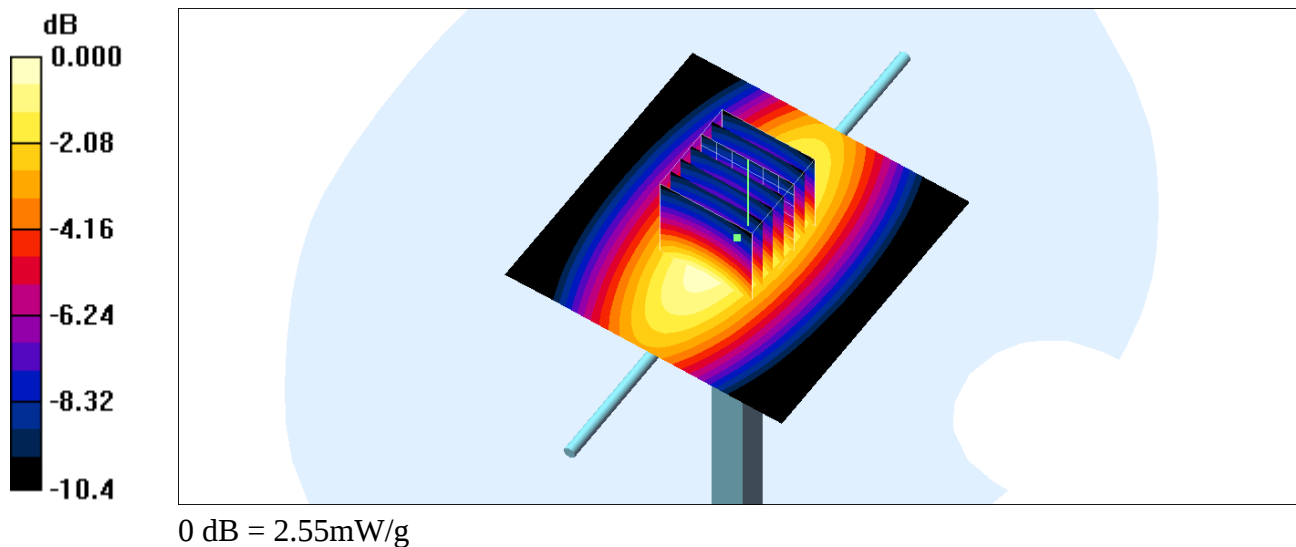
System Check_Head_835MHz_121023**DUT: D835V2-SN:499**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL_850_121023 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.916 \text{ mho/m}$; $\epsilon_r = 41.7$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 2.55 mW/g **Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$ Reference Value = 55.0 V/m ; Power Drift = -0.010 dB Peak SAR (extrapolated) = 3.32 W/kg **SAR(1 g) = 2.35 mW/g ; SAR(10 g) = 1.56 mW/g** Maximum value of SAR (measured) = 2.55 mW/g 

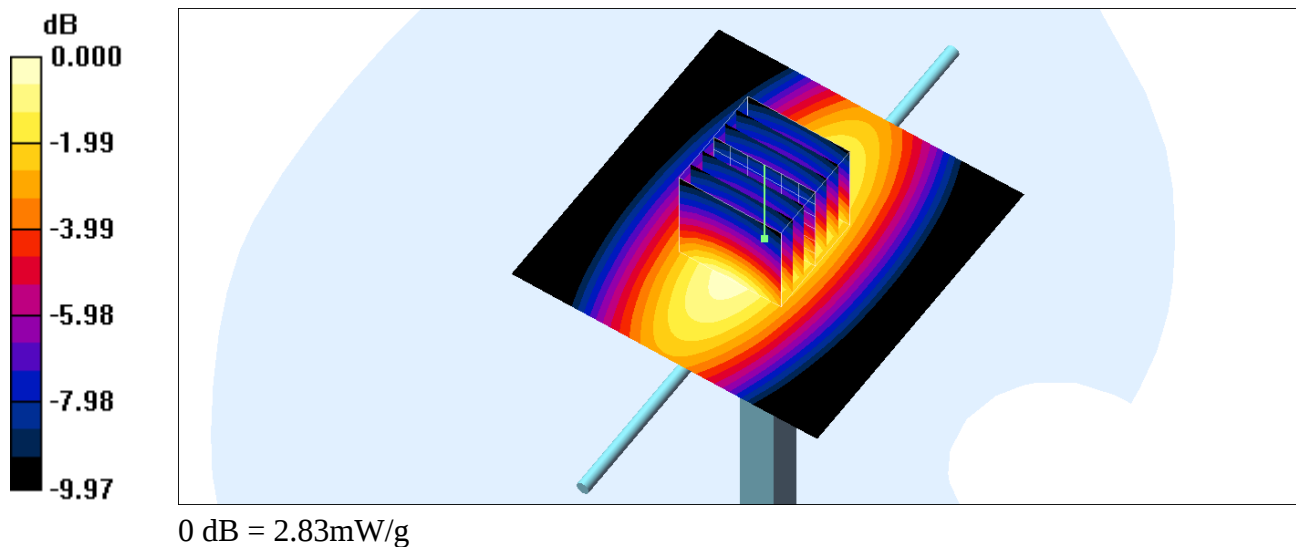
System Check_Body_835MHz_121024**DUT: D835V2-SN:499**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: MSL_850_121024 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.956 \text{ mho/m}$; $\epsilon_r = 52.6$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 2.83 mW/g **Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$ Reference Value = 56.6 V/m ; Power Drift = -0.029 dB Peak SAR (extrapolated) = 3.68 W/kg **SAR(1 g) = 2.61 mW/g ; SAR(10 g) = 1.74 mW/g** Maximum value of SAR (measured) = 2.83 mW/g 

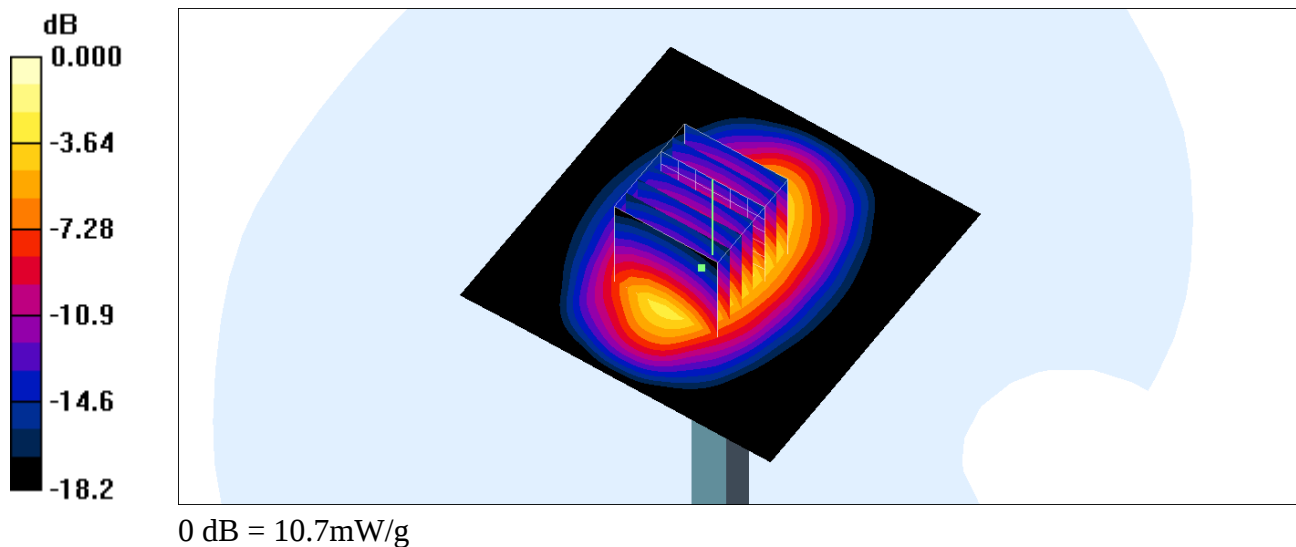
System Check_Head_1900MHz_121023**DUT: D1900V2-SN:5d041**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_121023 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 38.1$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (interpolated) = 11.0 mW/g **Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$ Reference Value = 91.4 V/m ; Power Drift = -0.019 dB Peak SAR (extrapolated) = 15.7 W/kg **SAR(1 g) = 9.36 mW/g ; SAR(10 g) = 4.99 mW/g** Maximum value of SAR (measured) = 10.7 mW/g 

System Check_Body_1900MHz_121023**DUT: D1900V2-SN:5d041**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121023 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 12.8 mW/g

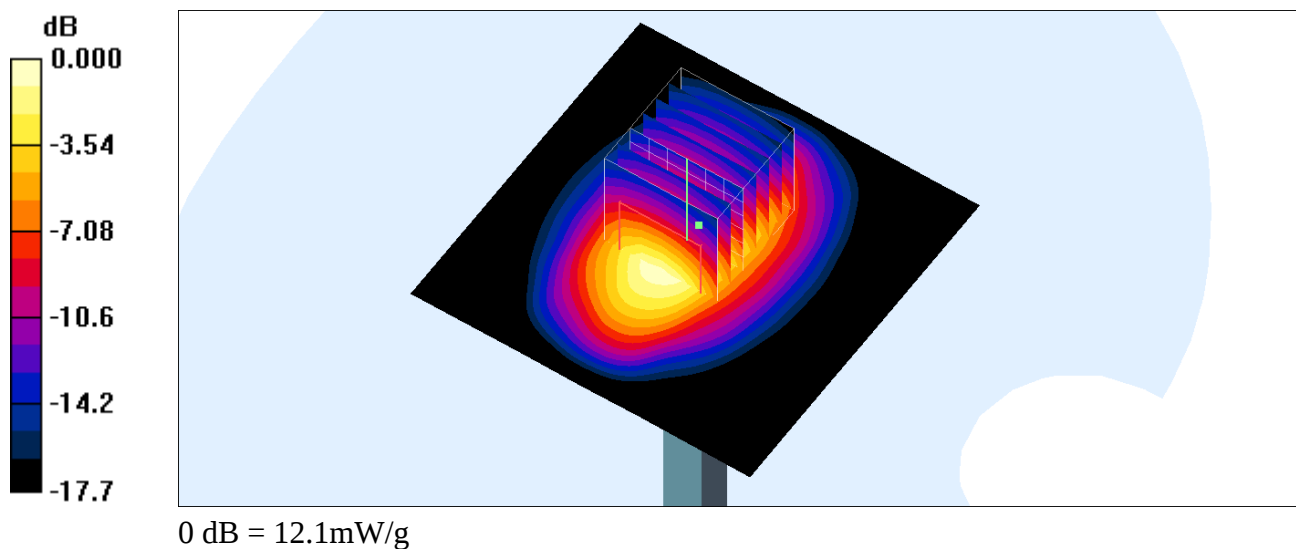
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 93.7 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 16.8 W/kg

SAR(1 g) = 10.6 mW/g; SAR(10 g) = 5.7 mW/g

Maximum value of SAR (measured) = 12.1 mW/g



System Check_Head_1900MHz_121110**DUT: Dipole 1900 MHz**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_121110 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.449$ mho/m; $\epsilon_r = 38.532$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.5 mW/g

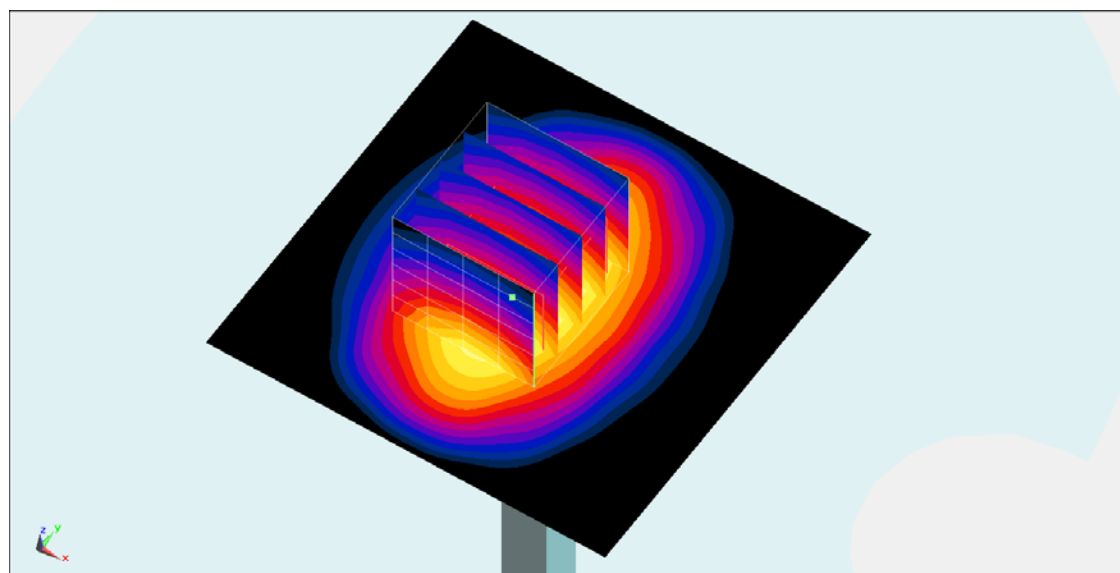
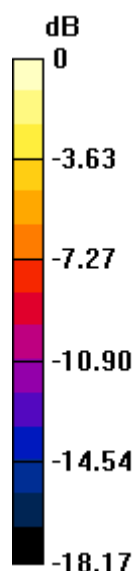
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.434 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 16.405 mW/g

SAR(1 g) = 9.87 mW/g; SAR(10 g) = 5.26 mW/g

Maximum value of SAR (measured) = 10.9 mW/g



0 dB = 10.9 mW/g = 20.75 dB mW/g

System Check_Body_1900MHz_121110**DUT: Dipole 1900 MHz**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121110 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 52.813$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.3 mW/g

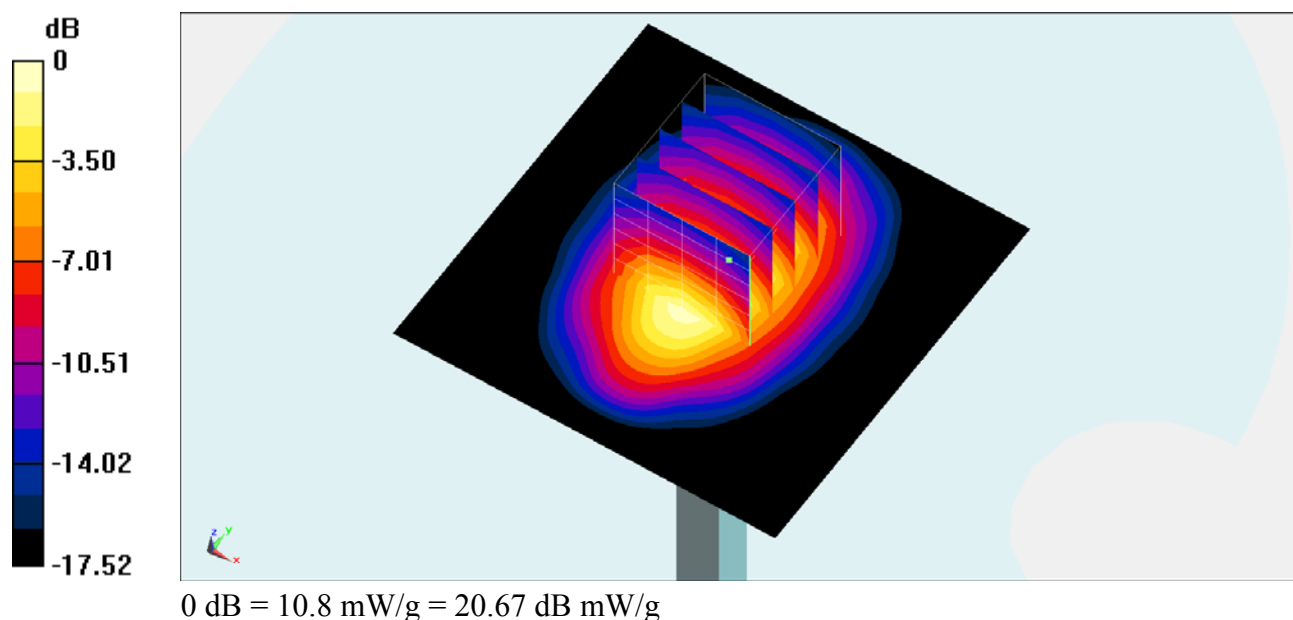
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.723 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 15.296 mW/g

SAR(1 g) = 9.74 mW/g; SAR(10 g) = 5.32 mW/g

Maximum value of SAR (measured) = 10.8 mW/g



System Check_Head_2450MHz_121022**DUT: D2450V2-SN:736**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL_2450_121022 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.845$ mho/m; $\epsilon_r = 38.606$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.82, 6.82, 6.82); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 16.0 mW/g

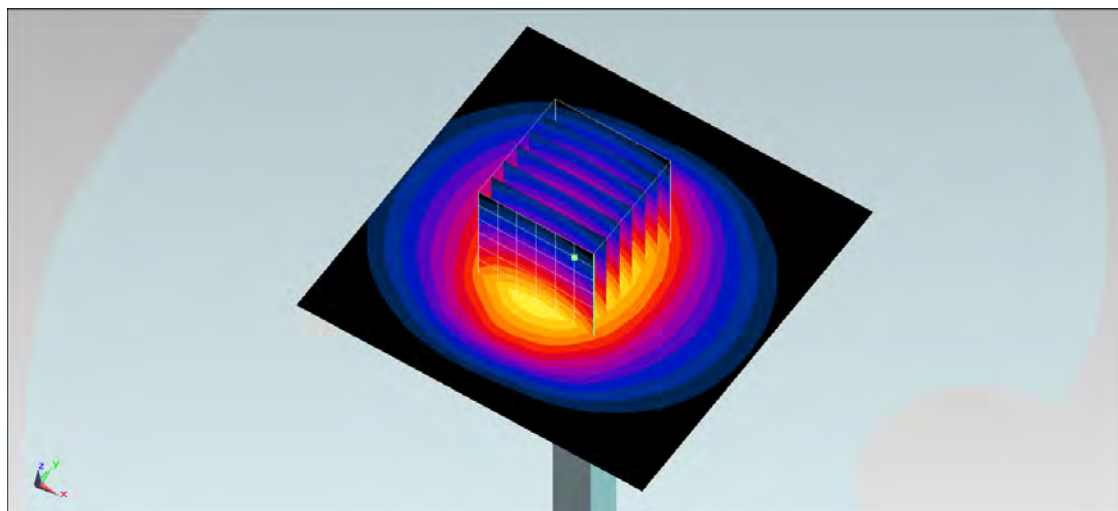
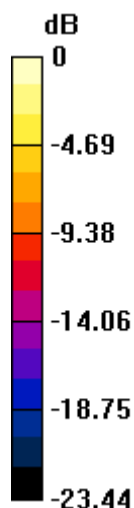
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 90.561 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 31.030 mW/g

SAR(1 g) = 13.7 mW/g; SAR(10 g) = 6.11 mW/g

Maximum value of SAR (measured) = 15.6 mW/g



0 dB = 15.6 mW/g = 23.86 dB mW/g

System Check_Body_2450MHz_121022**DUT: D2450V2-SN:736**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121022 Medium parameters used: $f = 2450$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 53.936$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 15.8 mW/g

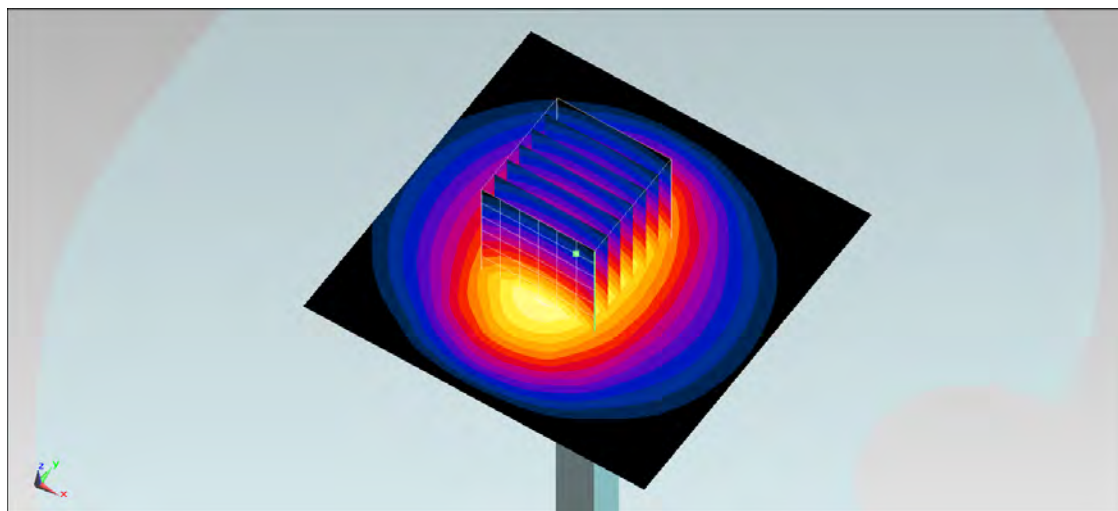
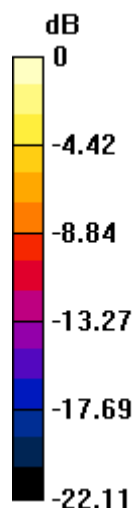
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 85.988 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 30.200 mW/g

SAR(1 g) = 13.9 mW/g; SAR(10 g) = 6.62 mW/g

Maximum value of SAR (measured) = 15.4 mW/g



0 dB = 15.4 mW/g = 23.75 dB mW/g

System Check_Head_5200MHz_121019**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5200$ MHz; $\sigma = 4.786$ mho/m; $\epsilon_r = 35.42$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (91x91x1): Measurement grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) = 33.9 W/kg

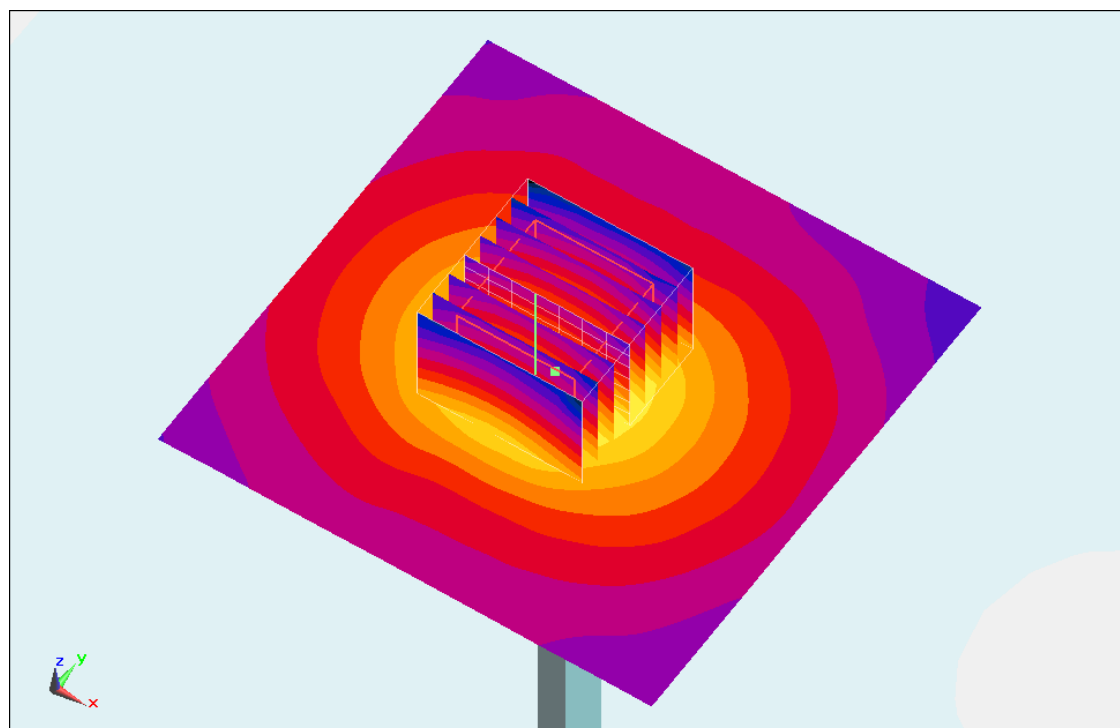
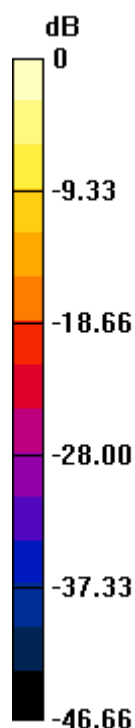
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 82.468 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 76.589 mW/g

SAR(1 g) = 20.6 mW/g ; SAR(10 g) = 5.77 mW/g

Maximum value of SAR (measured) = 30.0 W/kg



0 dB = 30.0 W/kg = 29.54 dB W/kg

System Check_Head_5200MHz_121102**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121102 Medium parameters used: $f = 5200$ MHz; $\sigma = 4.793$ mho/m; $\epsilon_r = 35.493$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 32.6 mW/g

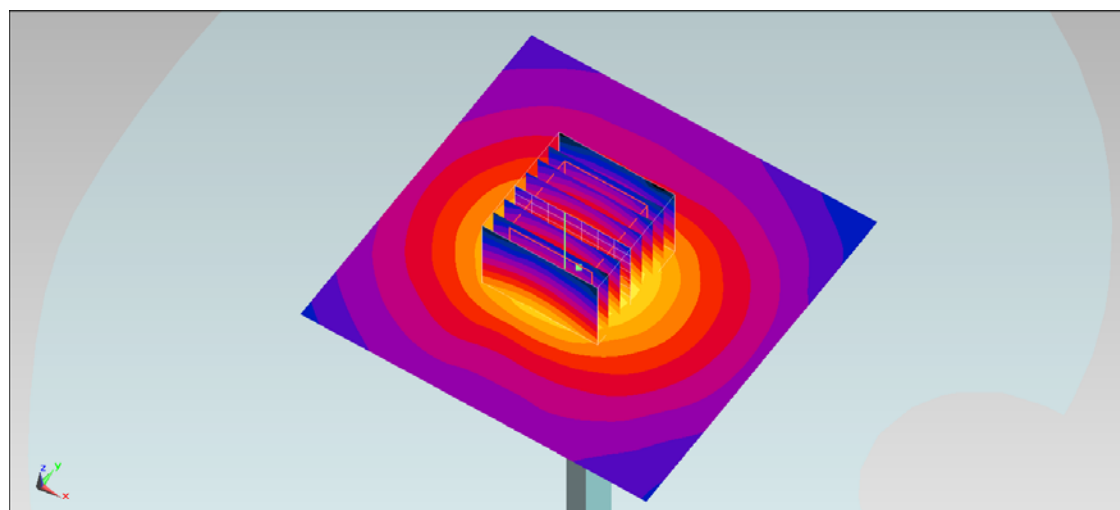
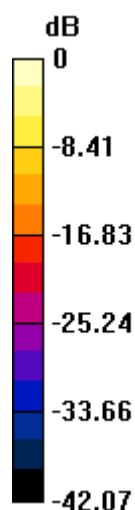
Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 80.883 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 72.807 mW/g

SAR(1 g) = 19.9 mW/g; SAR(10 g) = 5.6 mW/g

Maximum value of SAR (measured) = 28.3 mW/g



System Check_Body_5200MHz_121018**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121018 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.373$ mho/m; $\epsilon_r = 48.526$; $\rho = 1000$ kg/m³

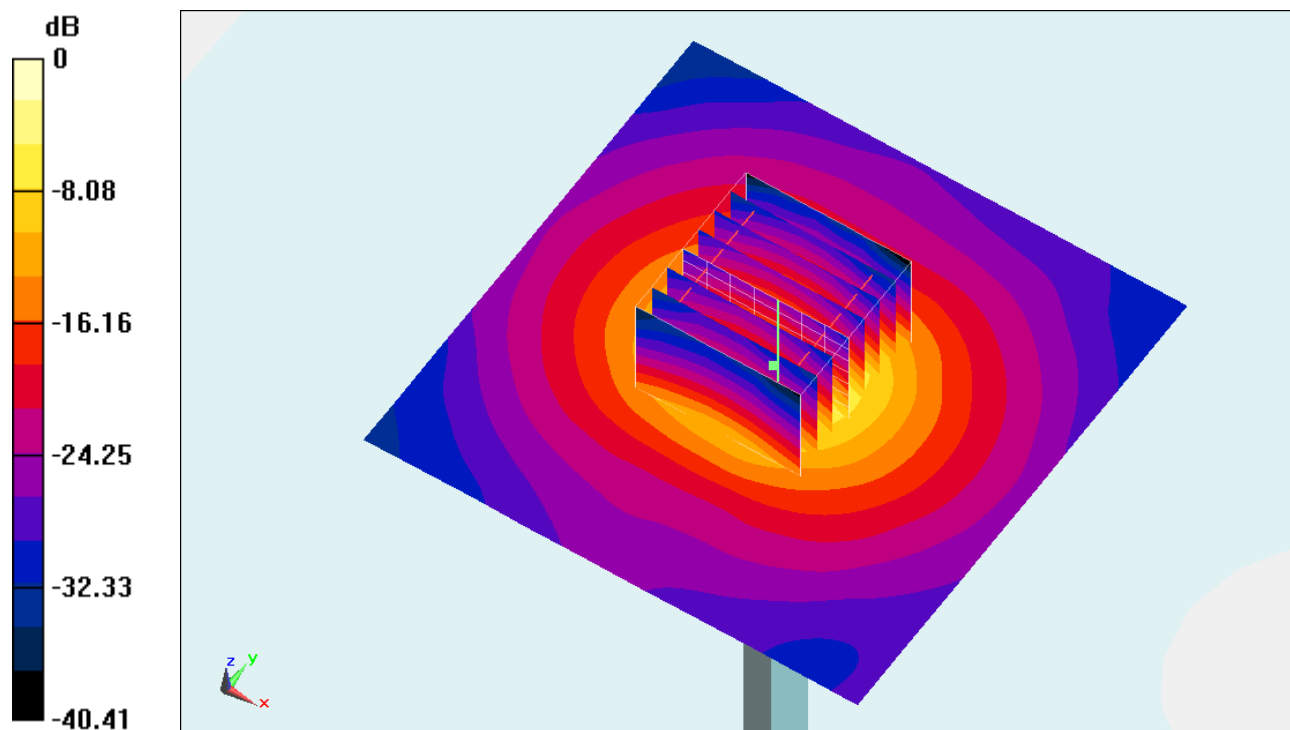
Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 33.2 W/kg

Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 89.492 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 60.771 mW/g
SAR(1 g) = 18.2 mW/g; SAR(10 g) = 5.18 mW/g
Maximum value of SAR (measured) = 30.0 W/kg



0 dB = 30.0 W/kg = 29.54 dB W/kg

System Check_Head_5500MHz_121019**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.098$ mho/m; $\epsilon_r = 34.948$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.71, 4.71, 4.71); Calibrated: 2012/6/21;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (91x91x1): Measurement grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) = 39.9 W/kg

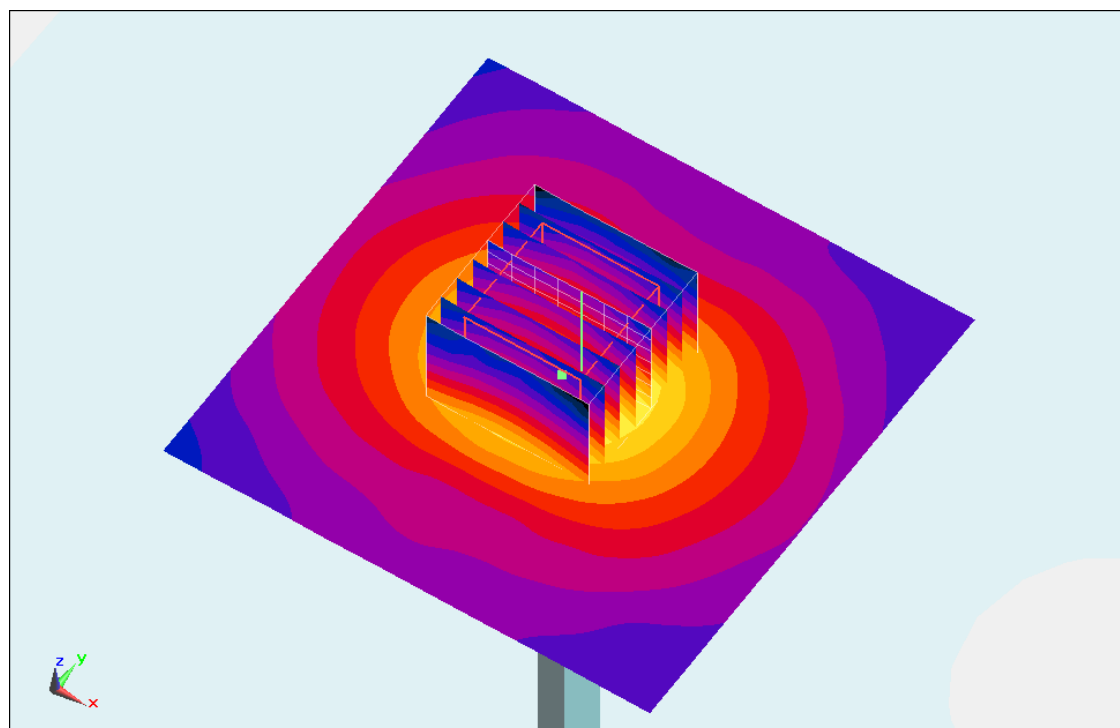
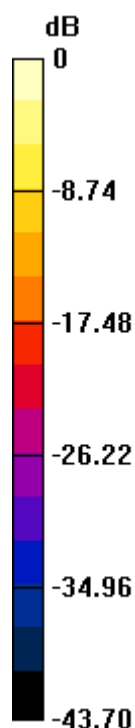
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 89.656 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 88.388 mW/g

SAR(1 g) = 21.6 mW/g ; SAR(10 g) = 6.01 mW/g

Maximum value of SAR (measured) = 36.8 W/kg



0 dB = 36.8 W/kg = 31.32 dB W/kg

System Check_Head_5500MHz_121023**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121021 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.087$ mho/m; $\epsilon_r = 34.853$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.6, 4.6, 4.6); Calibrated: 2012/9/28;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Pin=250mW/Area Scan (91x91x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 36.7 mW/g

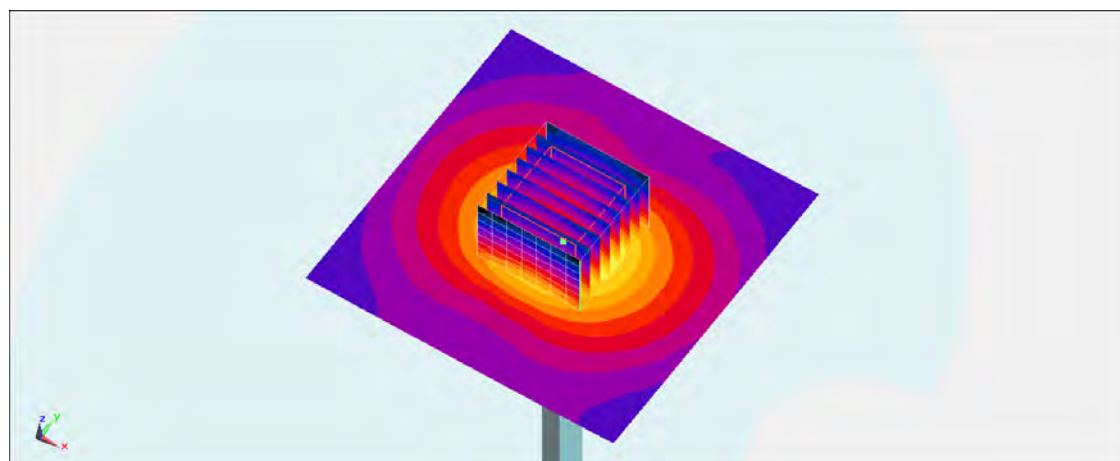
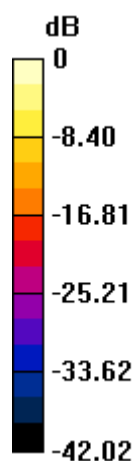
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 90.099 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 90.594 mW/g

SAR(1 g) = 21.4 mW/g ; SAR(10 g) = 5.98 mW/g

Maximum value of SAR (measured) = 35.4 mW/g



0 dB = 35.4 mW/g = 30.98 dB mW/g

System Check_Head_5500MHz_121102**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121102 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.11$ mho/m; $\epsilon_r = 35.014$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.71, 4.71, 4.71); Calibrated: 2012/6/21;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (91x91x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 37.7 mW/g

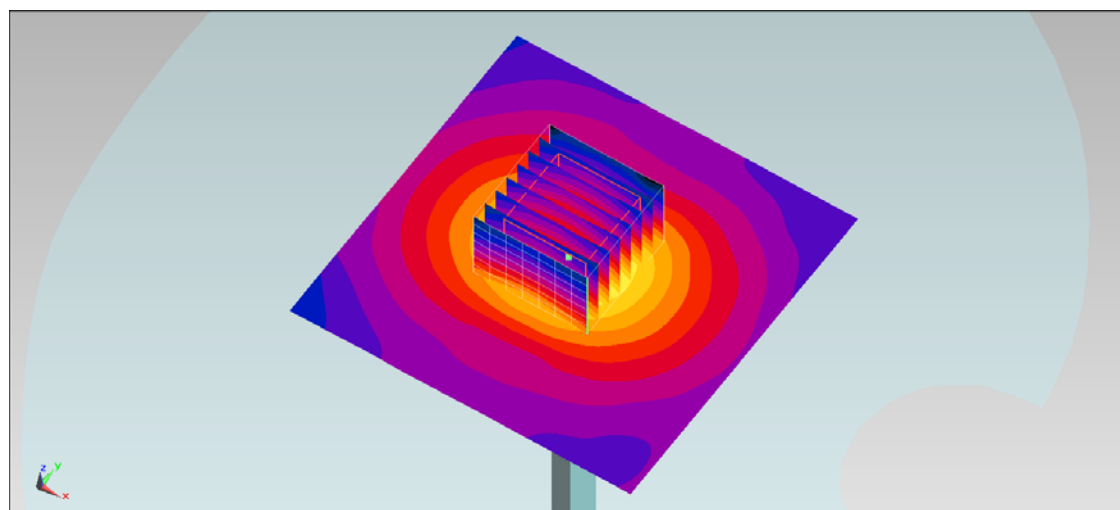
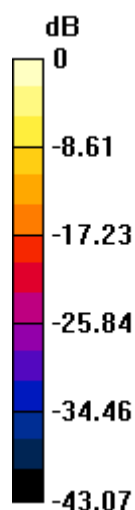
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3$ mm, $dy=4.3$ mm, $dz=3$ mm

Reference Value = 90.203 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 83.934 mW/g

SAR(1 g) = 20.9 mW/g; SAR(10 g) = 5.84 mW/g

Maximum value of SAR (measured) = 36.6 mW/g



0 dB = 36.6 mW/g = 31.27 dB mW/g

System Check_Body_5500MHz_121018**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121018 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.806$ mho/m; $\epsilon_r = 47.837$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 36.4 W/kg

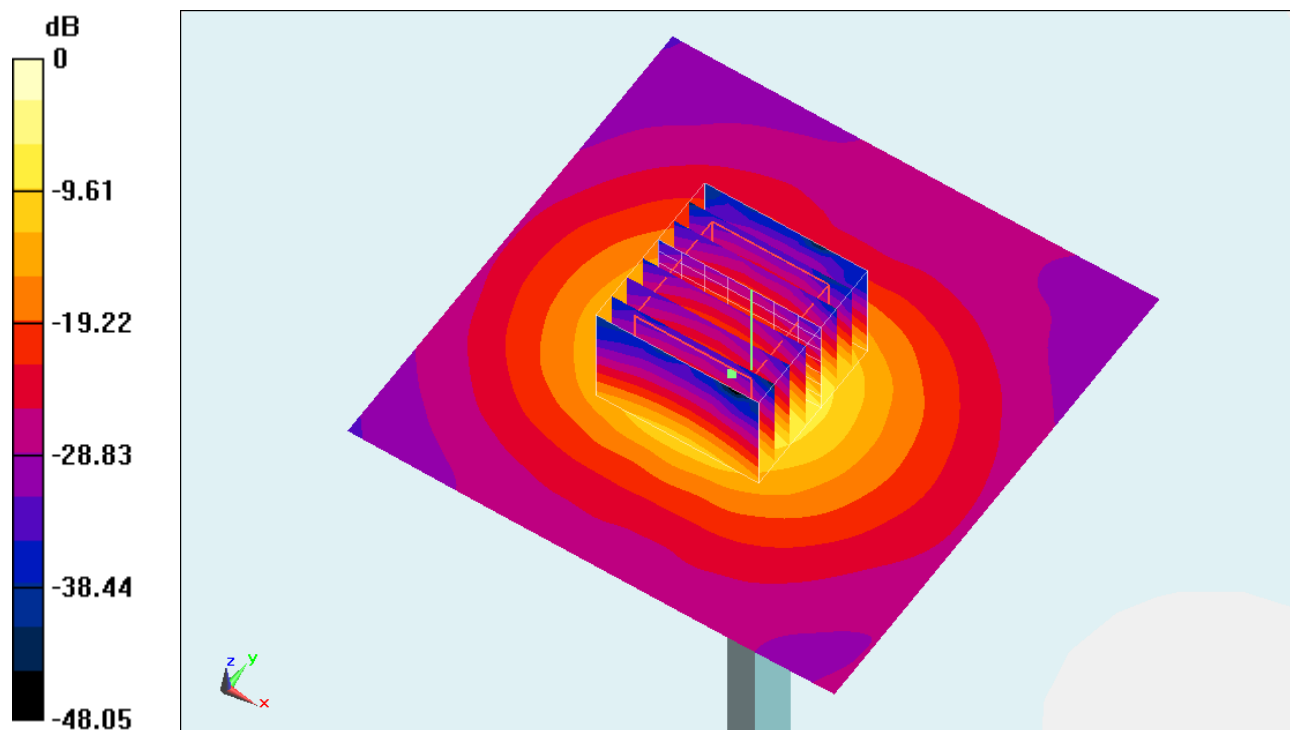
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 82.289 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 77.514 mW/g

SAR(1 g) = 21 mW/g; SAR(10 g) = 5.85 mW/g

Maximum value of SAR (measured) = 35.9 W/kg



System Check_Head_5800MHz_121019**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.393$ mho/m; $\epsilon_r = 34.361$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.48, 4.48, 4.48); Calibrated: 2012/6/21;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (91x91x1): Measurement grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) = 36.3 W/kg

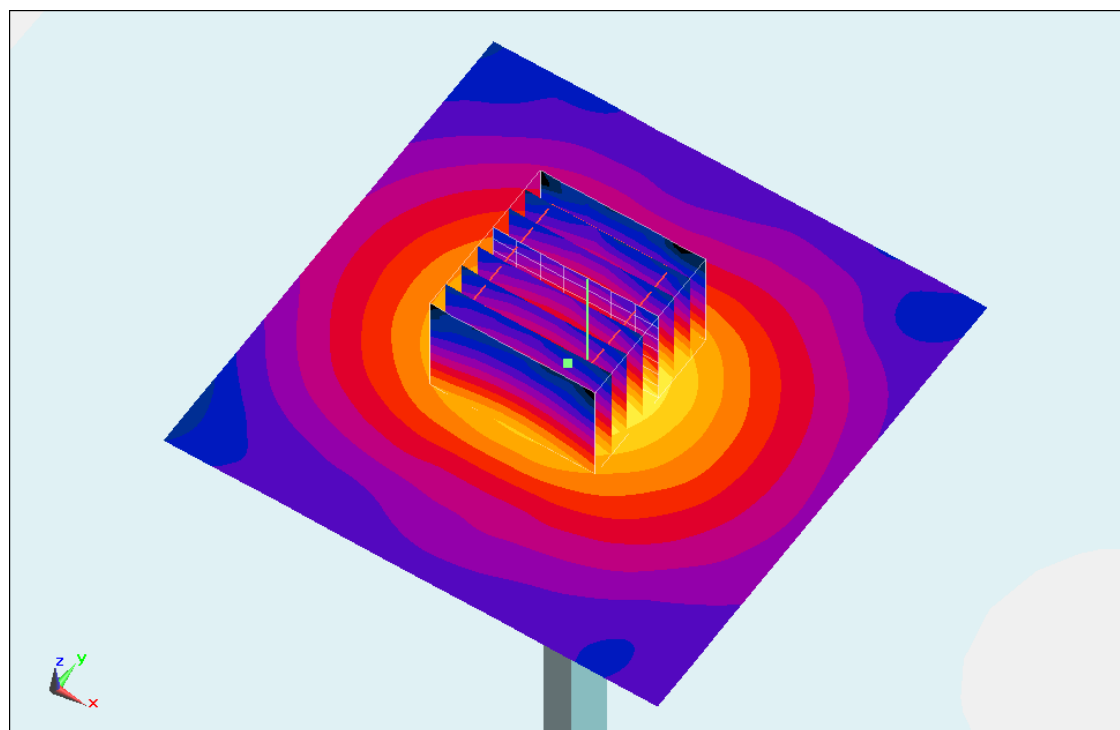
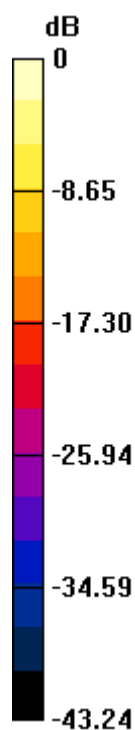
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 85.414 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 79.598 mW/g

SAR(1 g) = 19.8 mW/g ; SAR(10 g) = 5.52 mW/g

Maximum value of SAR (measured) = 33.5 W/kg



0 dB = 33.5 W/kg = 30.50 dB W/kg

System Check_Head_5800MHz_121023**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121023 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.368$ mho/m; $\epsilon_r = 34.272$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/9/28;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 36.3 mW/g

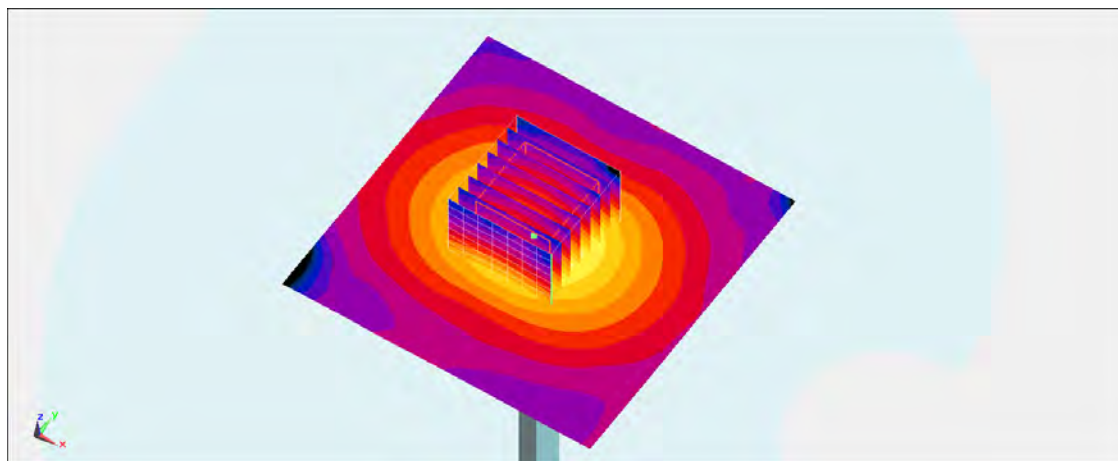
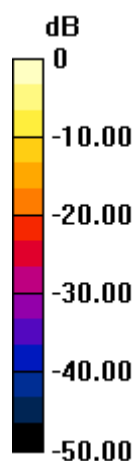
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 87.658 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 88.603 mW/g

SAR(1 g) = 20.8 mW/g; SAR(10 g) = 5.8 mW/g

Maximum value of SAR (measured) = 35.9 mW/g



0 dB = 35.9 mW/g = 31.10 dB mW/g

System Check_Head_5800MHz_121102**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121102 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.395$ mho/m; $\epsilon_r = 34.416$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.48, 4.48, 4.48); Calibrated: 2012/6/21;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Pin=250mW/Area Scan (91x91x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 36.3 mW/g

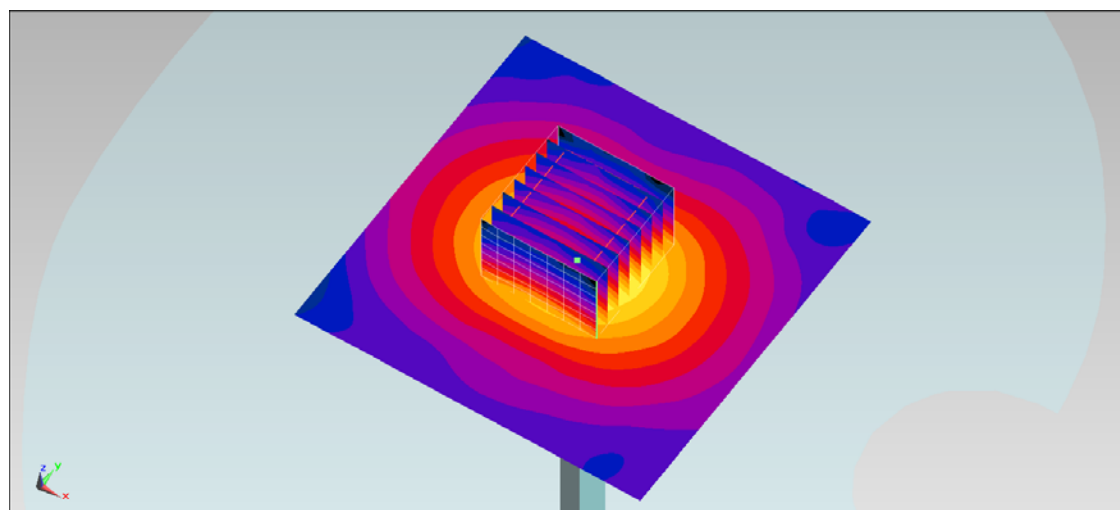
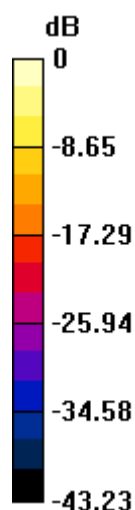
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 85.414 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 79.623 mW/g

SAR(1 g) = 19.8 mW/g ; SAR(10 g) = 5.52 mW/g

Maximum value of SAR (measured) = 33.5 mW/g



0 dB = 33.5 mW/g = 30.50 dB mW/g

System Check_Body_5800MHz_121018**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121018 Medium parameters used: $f = 5800$ MHz; $\sigma = 6.219$ mho/m; $\epsilon_r = 47.128$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 34.2 W/kg

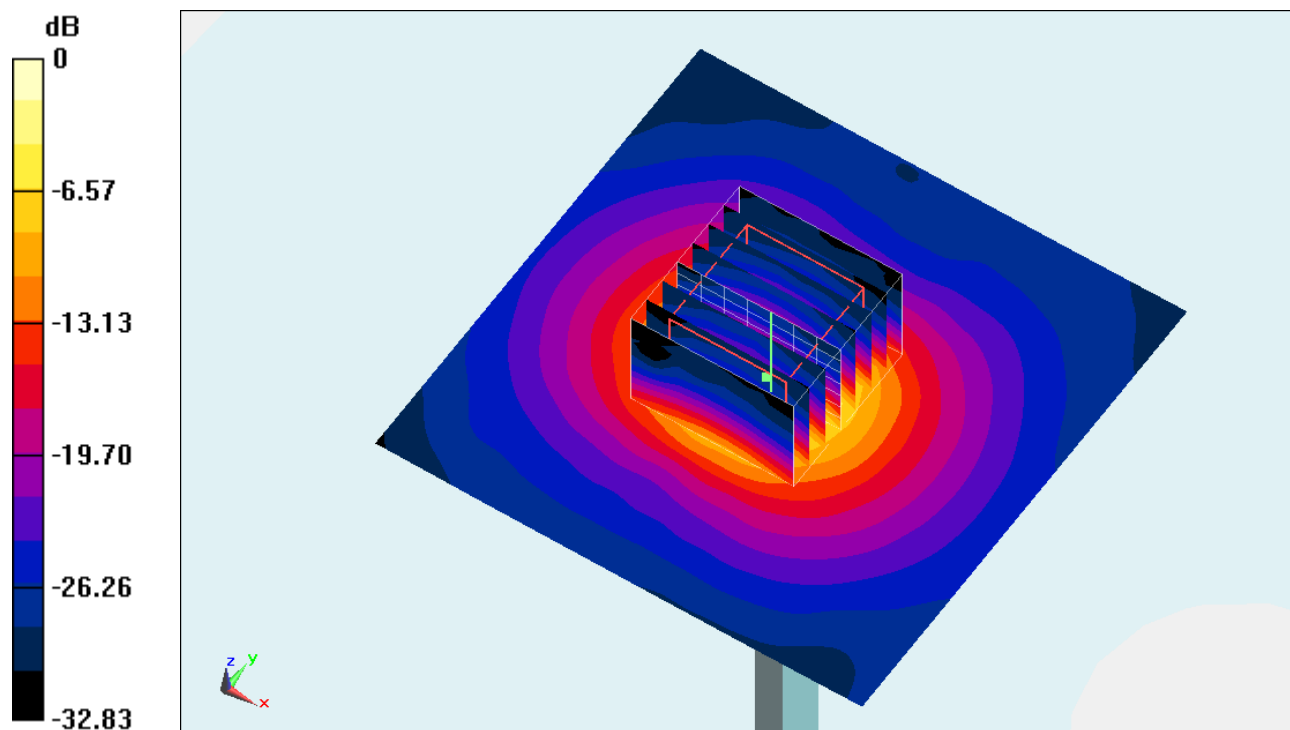
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 80.017 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 74.139 mW/g

SAR(1 g) = 19.3 mW/g; SAR(10 g) = 5.42 mW/g

Maximum value of SAR (measured) = 33.1 W/kg



System Check_Body_5500MHz_121109**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121109 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.717$ mho/m; $\epsilon_r = 47.955$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 42.8 mW/g

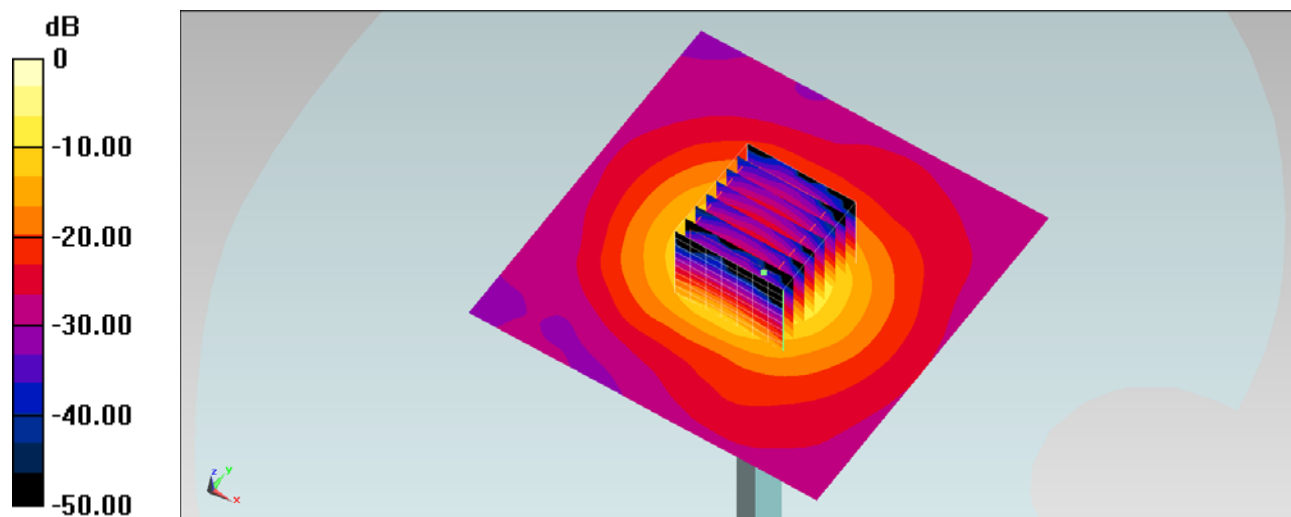
Configuration/Pin=250mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 84.441 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 79.110 mW/g

SAR(1 g) = 19.5 mW/g; SAR(10 g) = 5.39 mW/g

Maximum value of SAR (measured) = 41.8 mW/g



0 dB = 41.8 mW/g = 32.42 dB mW/g

System Check_Head_5800MHz_121109**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121109 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 34.321$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Pin=250mW/Area Scan (91x91x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (interpolated) = 36.9 mW/g

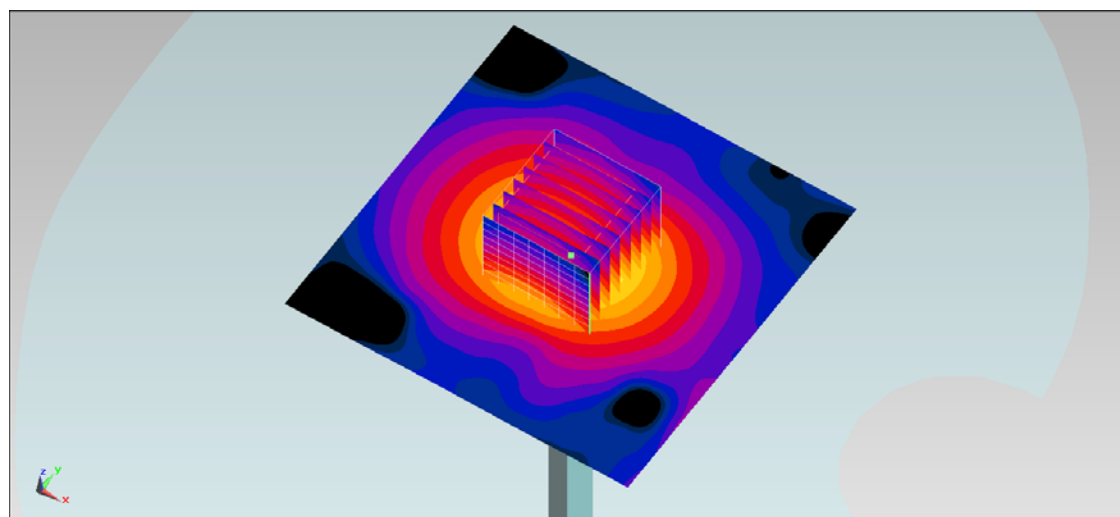
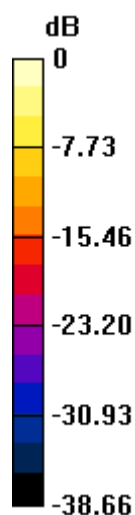
Configuration/Pin=250mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$,
 $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 83.789 V/m ; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 56.539 mW/g

SAR(1 g) = 19.2 mW/g ; SAR(10 g) = 5.9 mW/g

Maximum value of SAR (measured) = 36.4 mW/g



0 dB = 36.4 mW/g = 31.22 dB mW/g

System Check_Body_5800MHz_121109**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121109 Medium parameters used: $f = 5800$ MHz; $\sigma = 6.113$ mho/m; $\epsilon_r = 47.156$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 40.6 mW/g

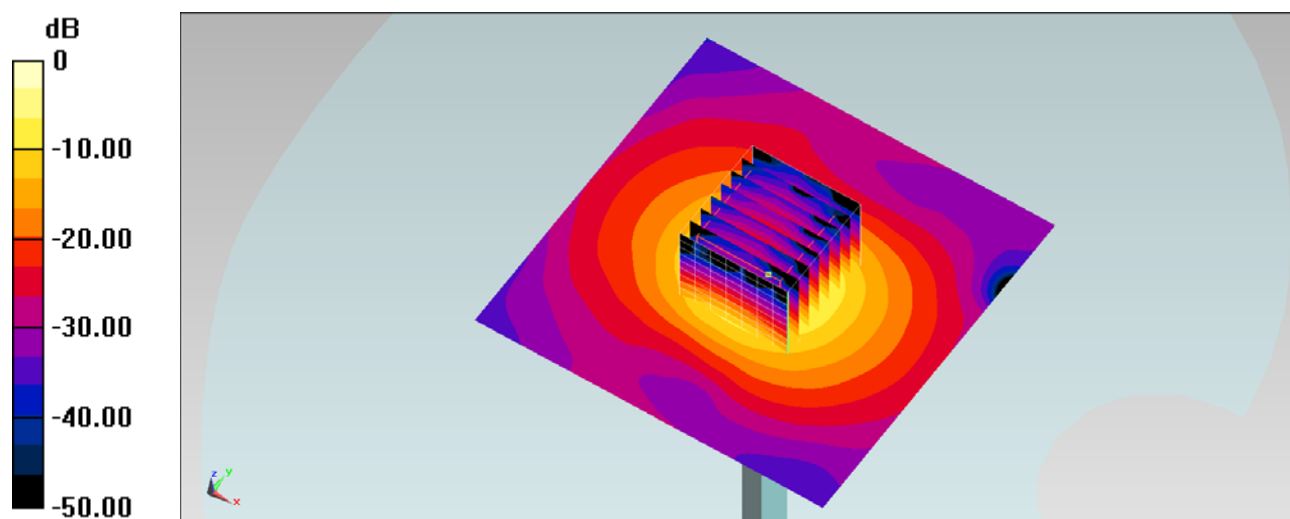
Configuration/Pin=250mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 82.777 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 77.375 mW/g

SAR(1 g) = 19 mW/g; SAR(10 g) = 5.29 mW/g

Maximum value of SAR (measured) = 39.6 mW/g



0 dB = 39.6 mW/g = 31.95 dB mW/g

System Check_Body_5500MHz_121110**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121110 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.712$ mho/m; $\epsilon_r = 46.963$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 41.0 mW/g

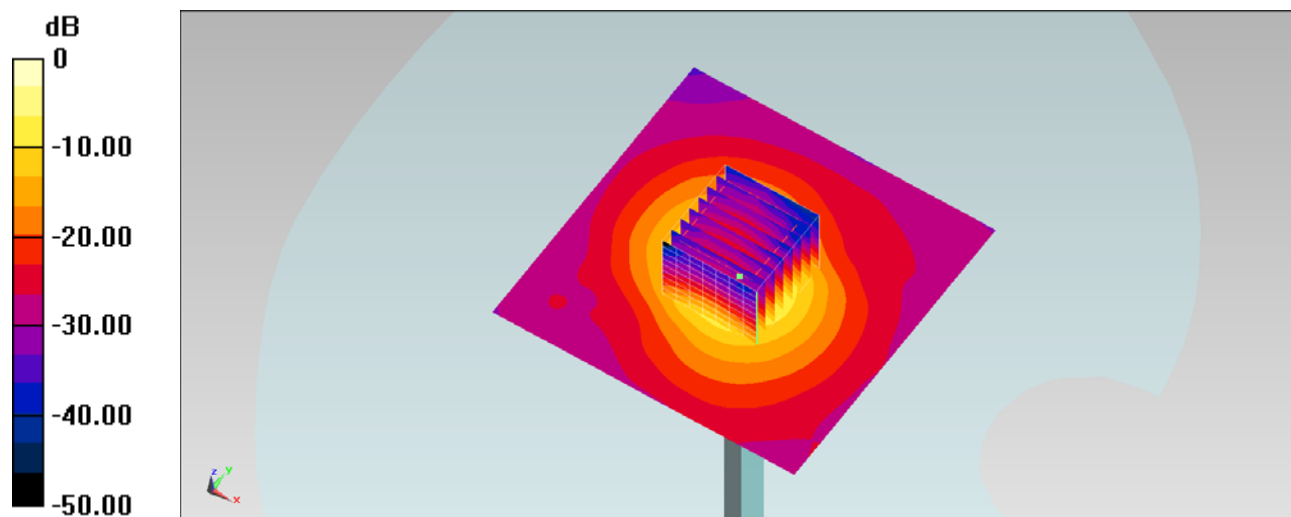
Configuration/Pin=250mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 95.177 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 79.697 mW/g

SAR(1 g) = 19.7 mW/g; SAR(10 g) = 5.45 mW/g

Maximum value of SAR (measured) = 41.0 mW/g



0 dB = 41.0 mW/g = 32.26 dB mW/g

System Check_Head_5800MHz_121110**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121110 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.423$ mho/m; $\epsilon_r = 34.346$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 31.4 W/kg

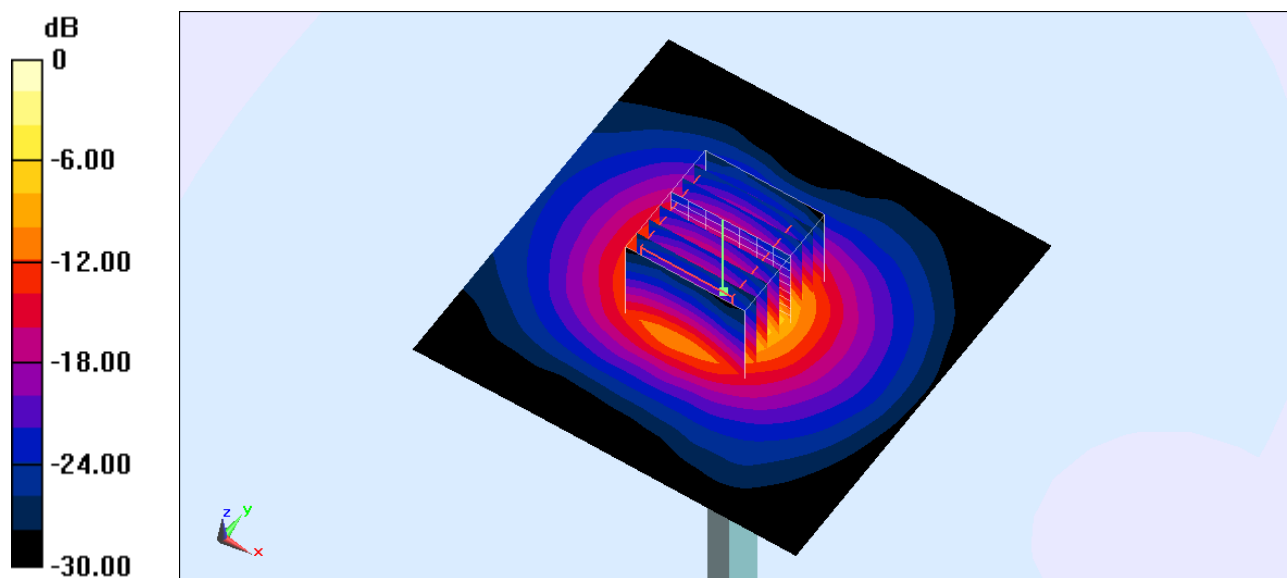
Pin=250mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 61.828 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 55.5 W/kg

SAR(1 g) = 19 W/kg; SAR(10 g) = 5.95 W/kg

Maximum value of SAR (measured) = 35.1 W/kg



0 dB = 35.1 W/kg = 15.45 dBW/kg

System Check_Body_5800MHz_121110**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121110 Medium parameters used: $f = 5800$ MHz; $\sigma = 6.217$ mho/m; $\epsilon_r = 46.407$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 40.8 mW/g

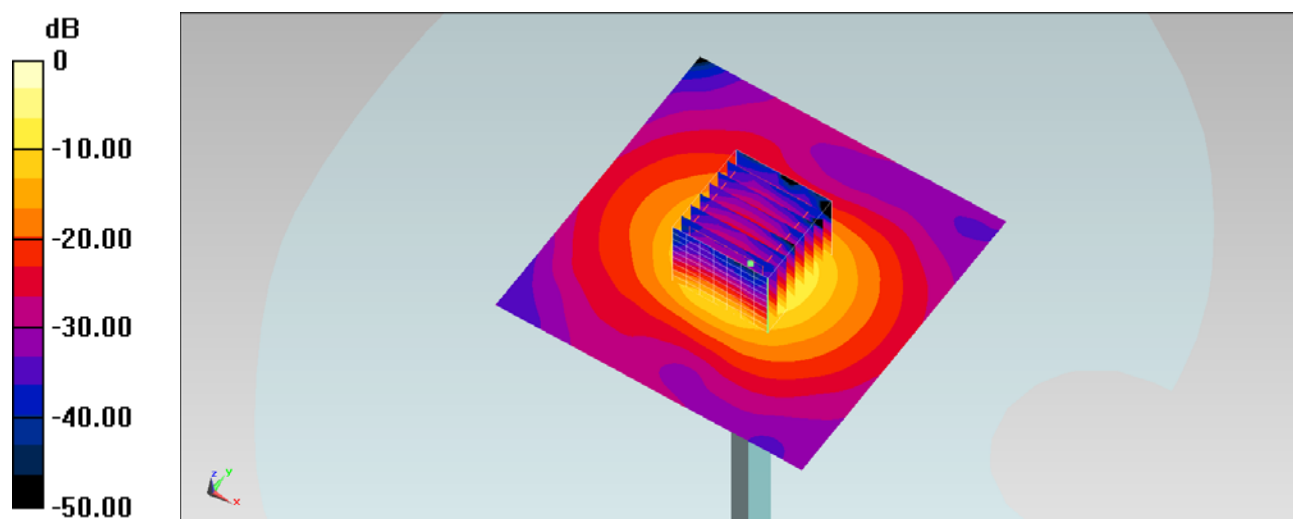
Configuration/Pin=250mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 83.000 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 77.681 mW/g

SAR(1 g) = 19.1 mW/g; SAR(10 g) = 5.29 mW/g

Maximum value of SAR (measured) = 40.0 mW/g



0 dB = 40.0 mW/g = 32.04 dB mW/g



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

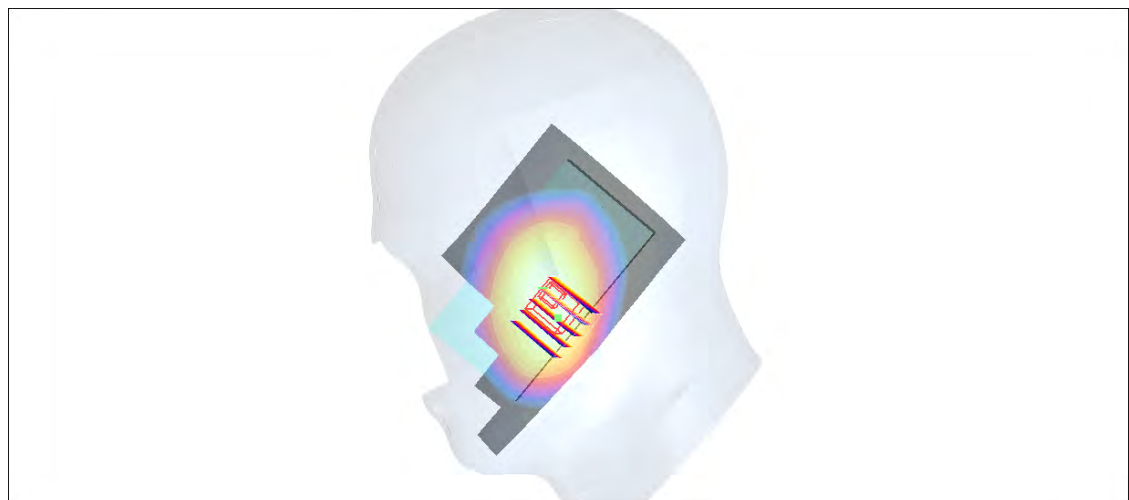
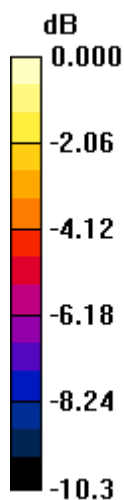
#60_GSM850_GSM Voice_Right Cheek_Ch128**DUT: 201604**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_121023 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.906 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.275 mW/g **Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 6.74 V/m ; Power Drift = -0.061 dB Peak SAR (extrapolated) = 0.320 W/kg **SAR(1 g) = 0.252 mW/g ; SAR(10 g) = 0.184 mW/g** Maximum value of SAR (measured) = 0.264 mW/g 0 dB = 0.264 mW/g

#60_GSM850_GSM Voice_Right Cheek_Ch128_2D**DUT: 201604**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_121023 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.906$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.275 mW/g

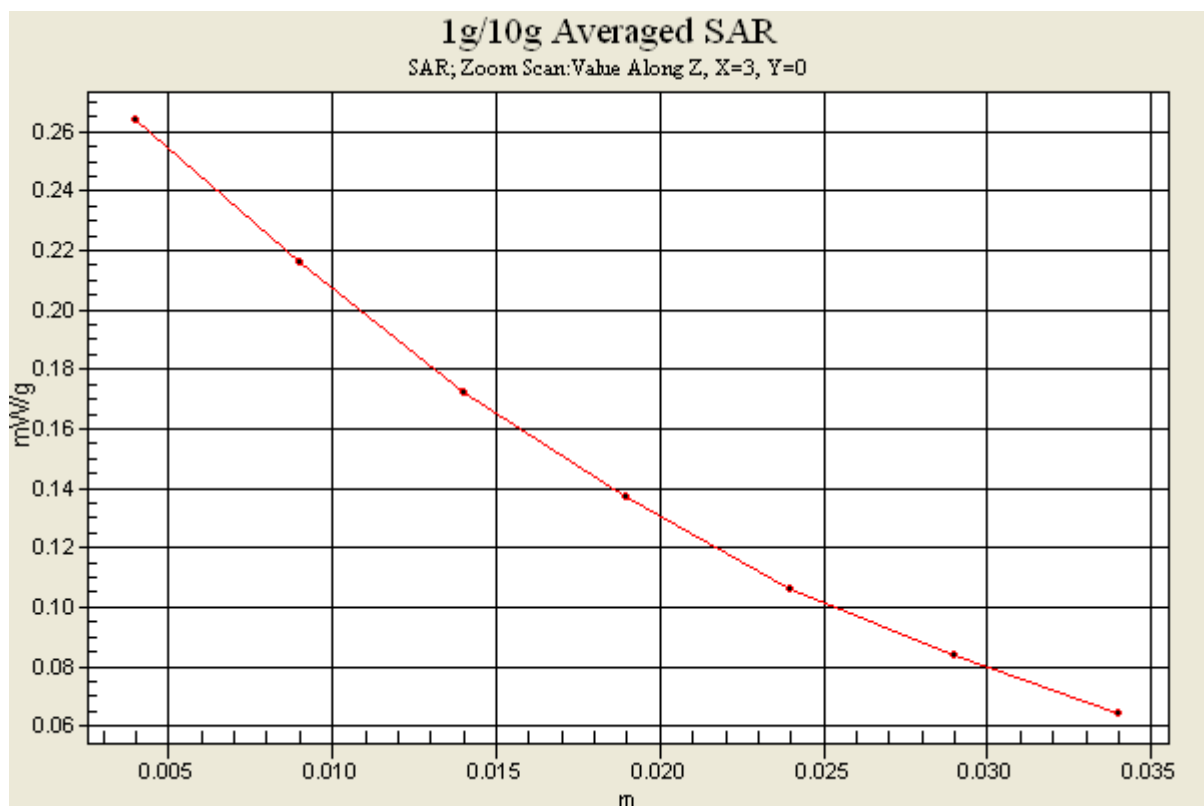
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.74 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.320 W/kg

SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.184 mW/g

Maximum value of SAR (measured) = 0.264 mW/g



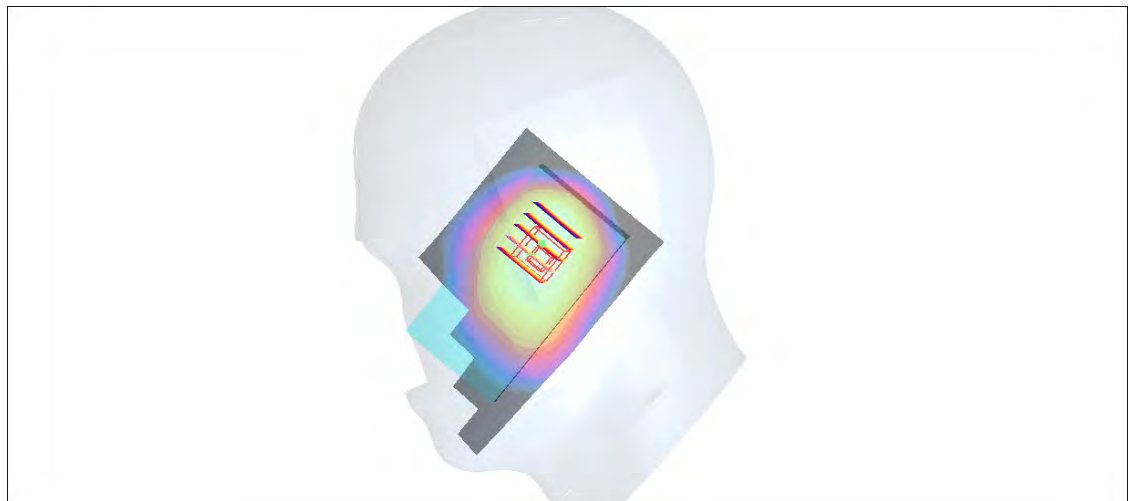
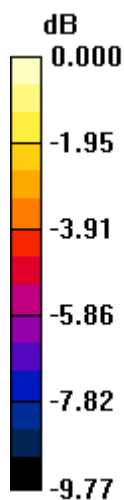
#61_GSM850_GSM Voice_Right Tilted_Ch128**DUT: 201604**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_121023 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.906 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.176 mW/g **Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 11.8 V/m ; Power Drift = 0.015 dB Peak SAR (extrapolated) = 0.200 W/kg **SAR(1 g) = 0.171 mW/g ; SAR(10 g) = 0.132 mW/g** Maximum value of SAR (measured) = 0.178 mW/g 0 dB = 0.178 mW/g

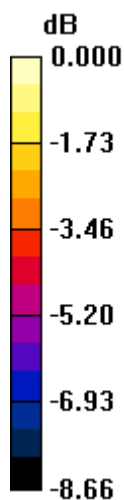
#62_GSM850_GSM Voice_Left Cheek_Ch128**DUT: 201604**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_121023 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.906 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.218 mW/g **Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 5.44 V/m ; Power Drift = 0.066 dB Peak SAR (extrapolated) = 0.232 W/kg **SAR(1 g) = 0.200 mW/g ; SAR(10 g) = 0.154 mW/g** Maximum value of SAR (measured) = 0.209 mW/g 0 dB = 0.209 mW/g

#63_GSM850_GSM Voice_Left Tilted_Ch128**DUT: 201604**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_850_121023 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.906$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.154 mW/g

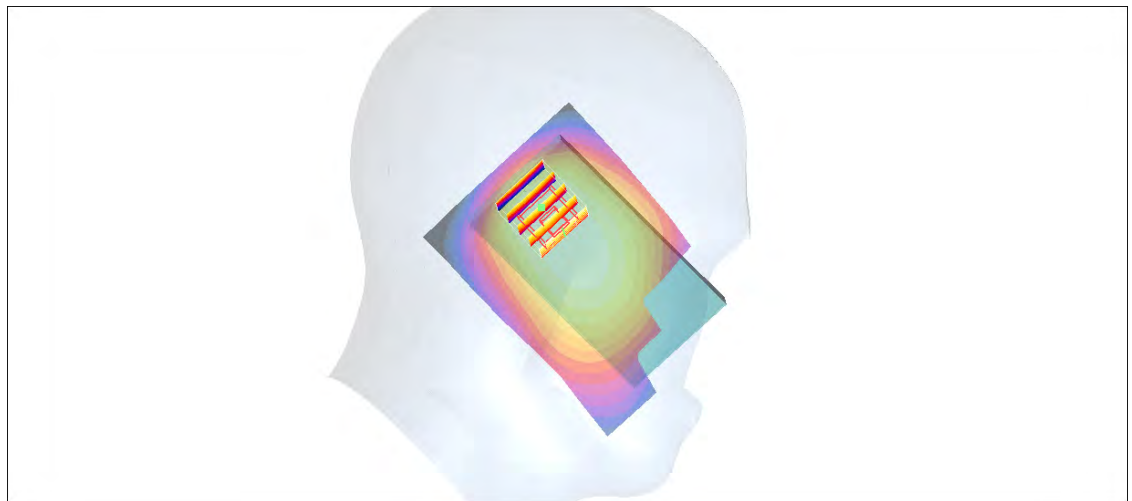
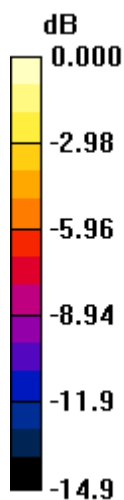
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.149 mW/g



0 dB = 0.149mW/g

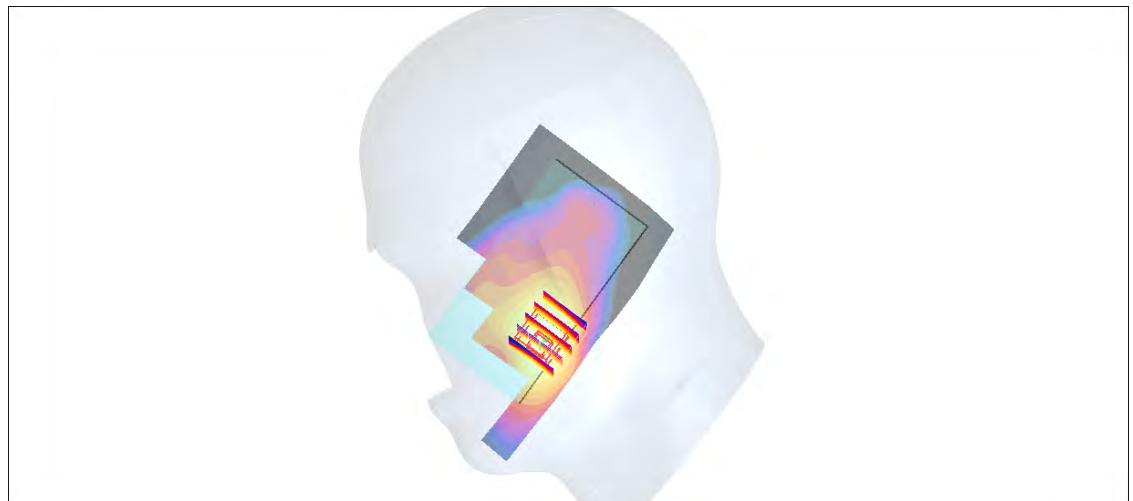
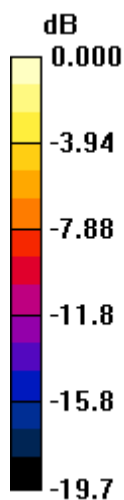
#68_GSM1900_GSM Voice_Right Cheek_Ch512**DUT: 201604**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_121023 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 38.4$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.508 mW/g **Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 6.28 V/m ; Power Drift = 0.125 dB Peak SAR (extrapolated) = 0.700 W/kg **SAR(1 g) = 0.473 mW/g ; SAR(10 g) = 0.272 mW/g** Maximum value of SAR (measured) = 0.526 mW/g 0 dB = 0.526 mW/g

#68_GSM1900_GSM Voice_Right Cheek_Ch512_2D**DUT: 201604**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_121023 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.508 mW/g

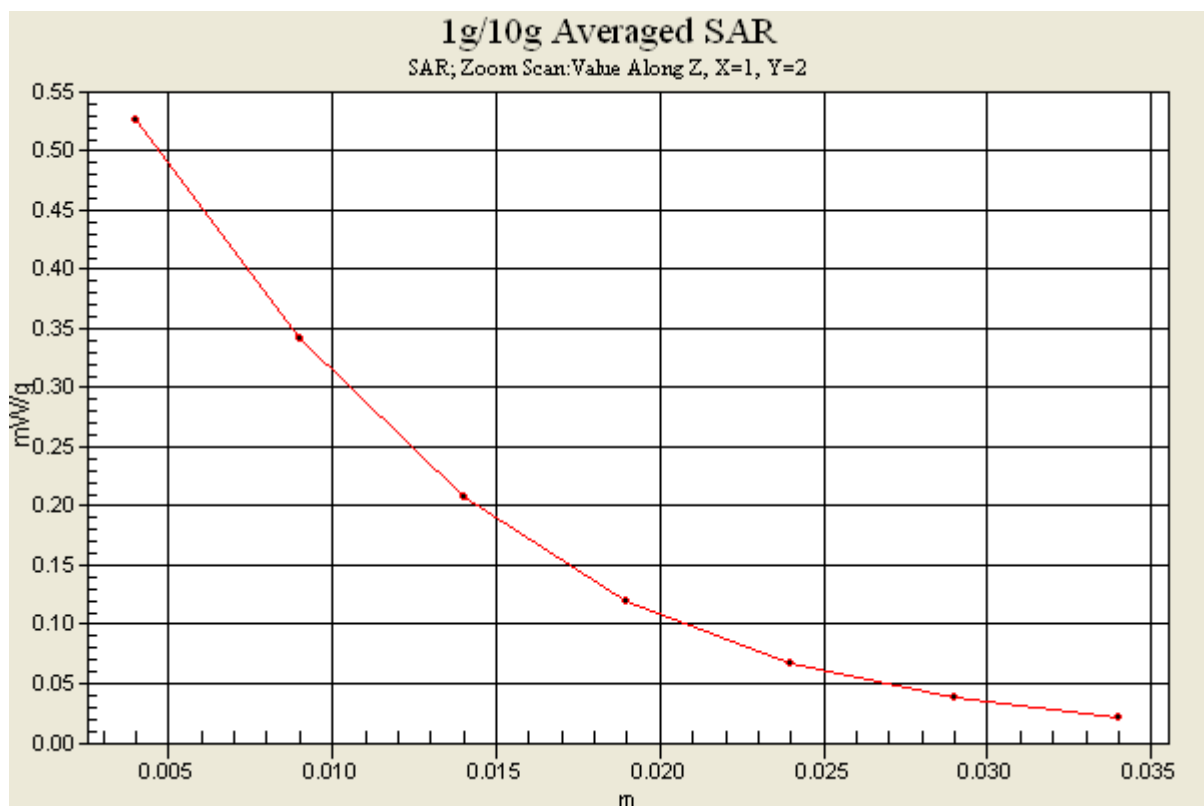
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.28 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 0.700 W/kg

SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.272 mW/g

Maximum value of SAR (measured) = 0.526 mW/g



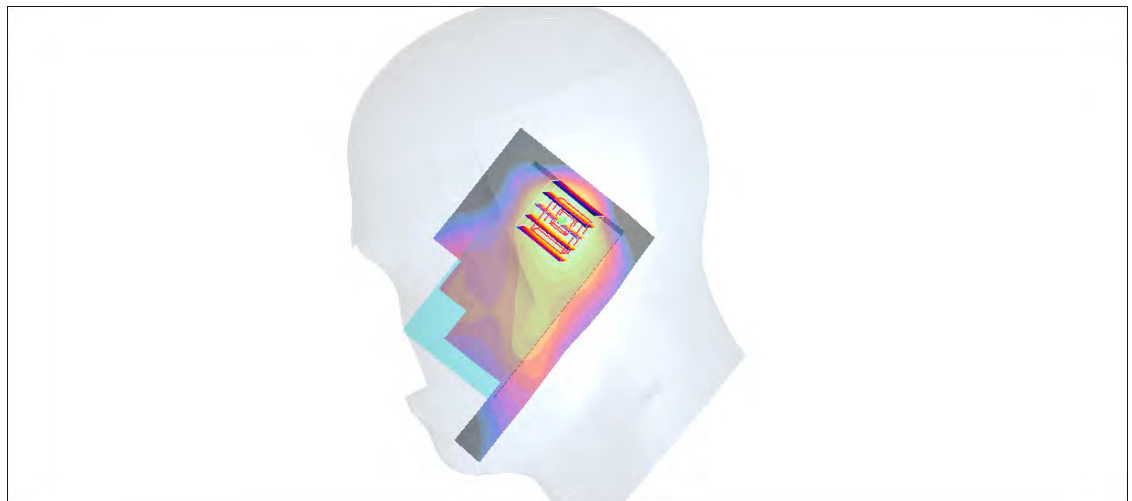
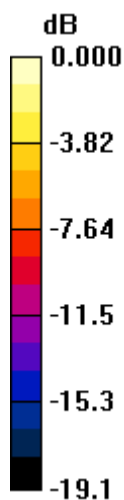
#69_GSM1900_GSM Voice_Right Tilted_Ch512**DUT: 201604**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_121023 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 38.4$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.244 mW/g **Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 11.6 V/m ; Power Drift = -0.019 dB Peak SAR (extrapolated) = 0.240 W/kg **SAR(1 g) = 0.162 mW/g ; SAR(10 g) = 0.095 mW/g** Maximum value of SAR (measured) = 0.180 mW/g 0 dB = 0.180 mW/g

#70_GSM1900_GSM Voice_Left Cheek_Ch512**DUT: 201604**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_121023 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.231 mW/g

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

Reference Value = 5.85 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.231 mW/g

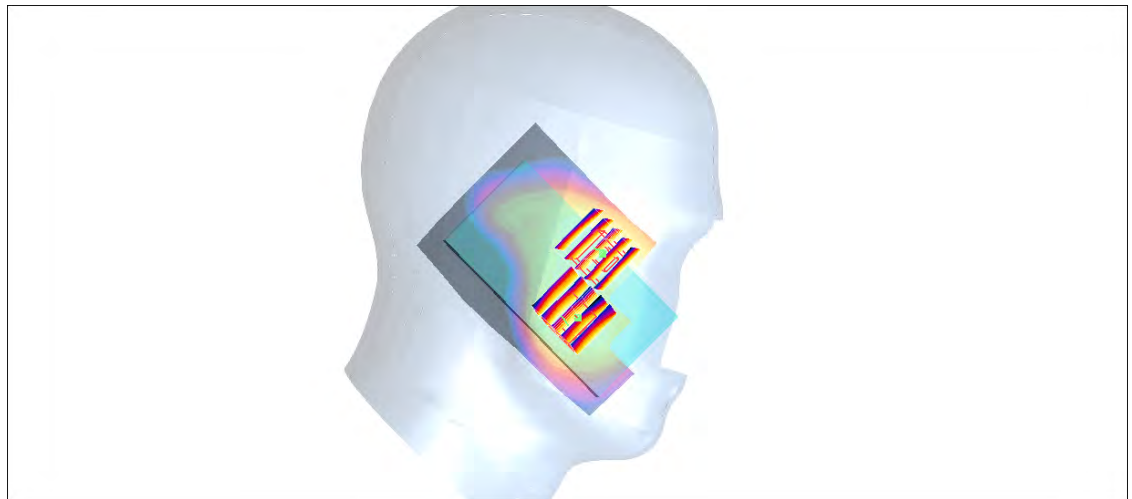
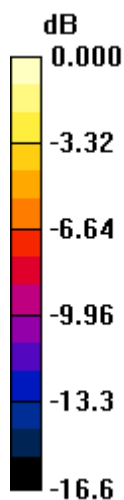
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.85 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.206 mW/g



0 dB = 0.206mW/g

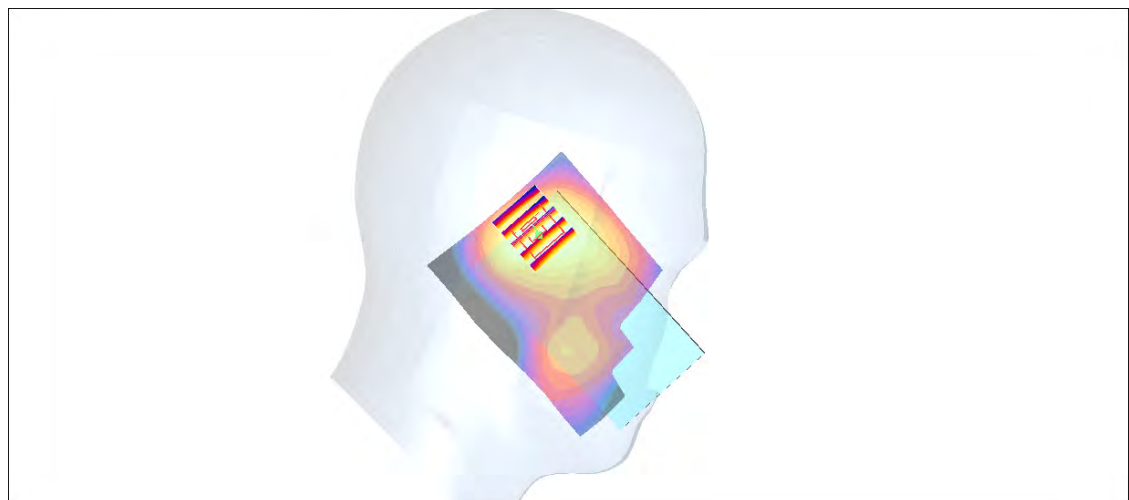
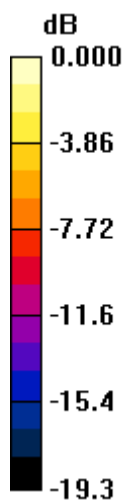
#71_GSM1900_GSM Voice_Left Tilted_Ch512**DUT: 201604**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_121023 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 38.4$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.194 mW/g **Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 11.2 V/m ; Power Drift = -0.027 dB Peak SAR (extrapolated) = 0.236 W/kg **SAR(1 g) = 0.157 mW/g ; SAR(10 g) = 0.095 mW/g** Maximum value of SAR (measured) = 0.169 mW/g 0 dB = 0.169 mW/g

#64_WCDMA V_RMC12.2K_Right Cheek_Ch4182**DUT: 201604**

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

Medium: HSL_850_121023 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.918$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.307 mW/g

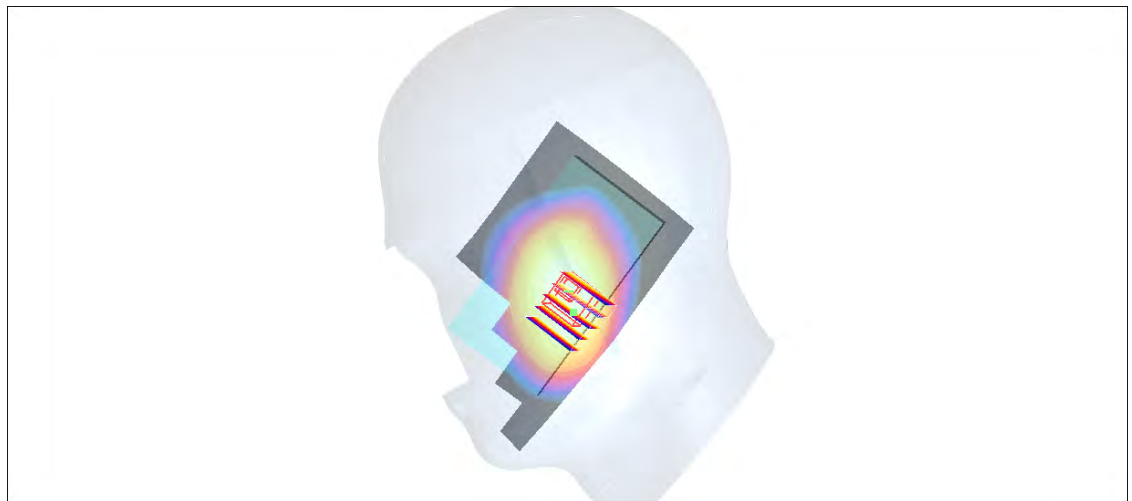
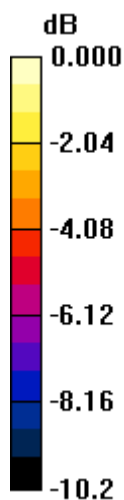
Ch4128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.04 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.295 mW/g



0 dB = 0.295mW/g

#64_WCDMA V_RMC12.2K_Right Cheek_Ch4182_2D**DUT: 201604**

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

Medium: HSL_850_121023 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.918$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.307 mW/g

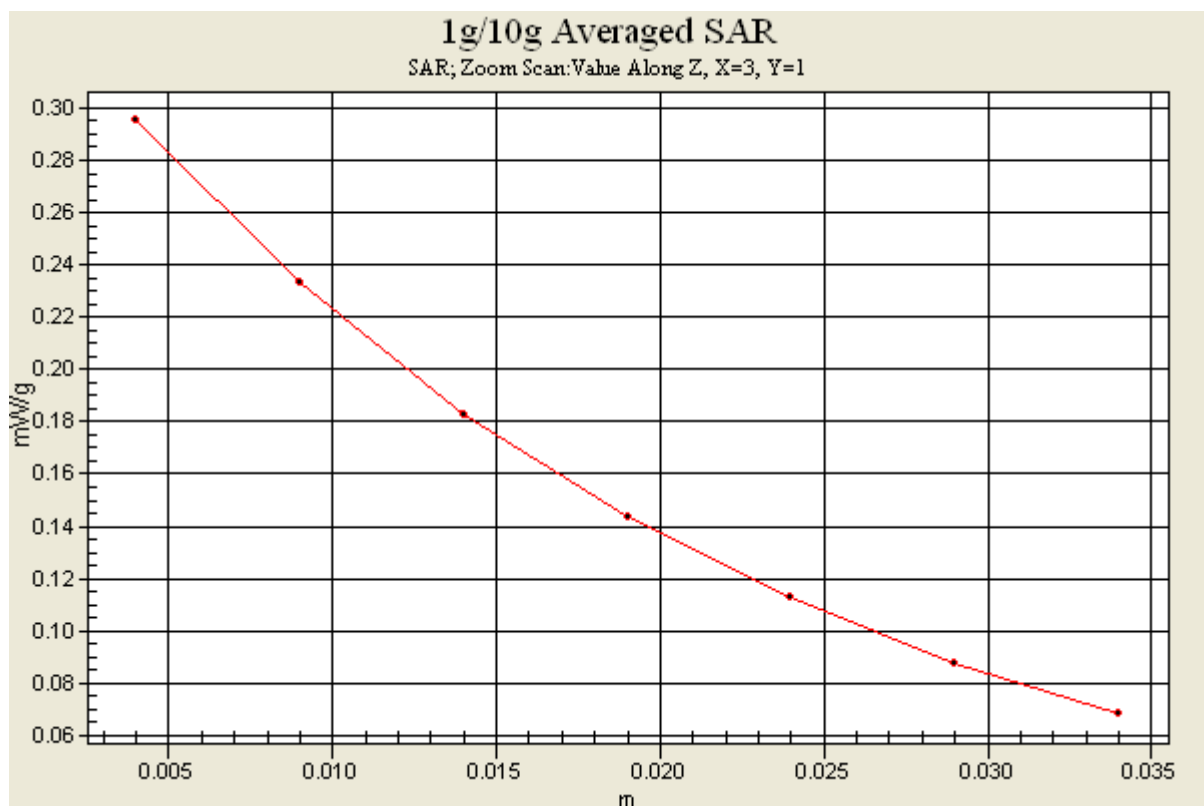
Ch4128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.04 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.295 mW/g



#65_WCDMA V_RMC12.2K_Right Tilted_Ch4182**DUT: 201604**

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

Medium: HSL_850_121023 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.918$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.206 mW/g

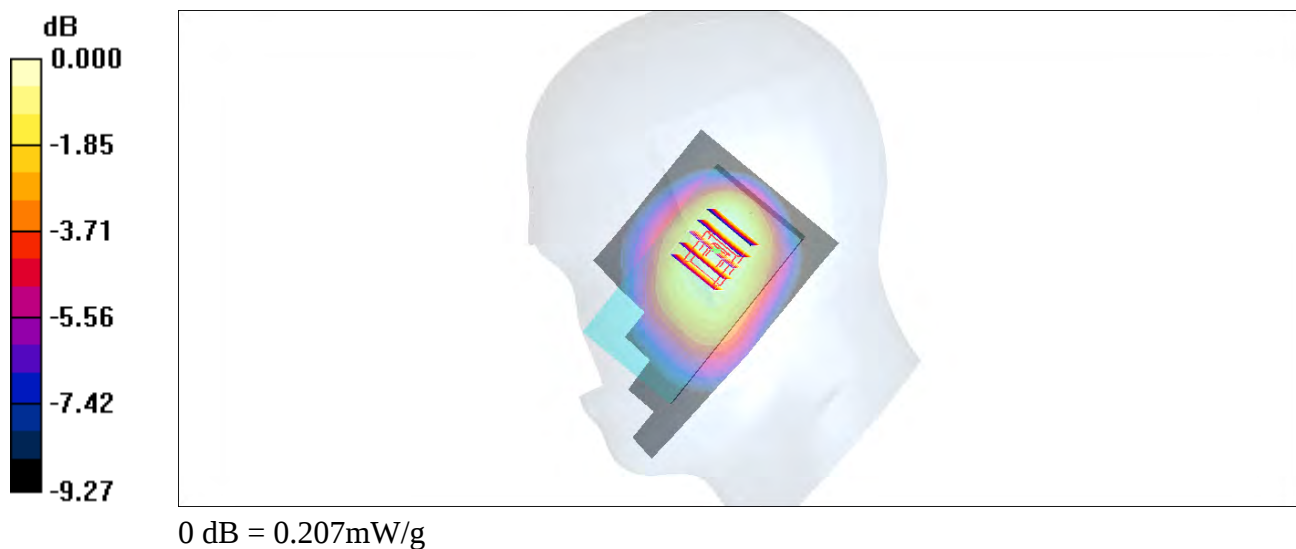
Ch4128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.207 mW/g



#66_WCDMA V_RMC12.2K_Left Cheek_Ch4182**DUT: 201604**

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

Medium: HSL_850_121023 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.918$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

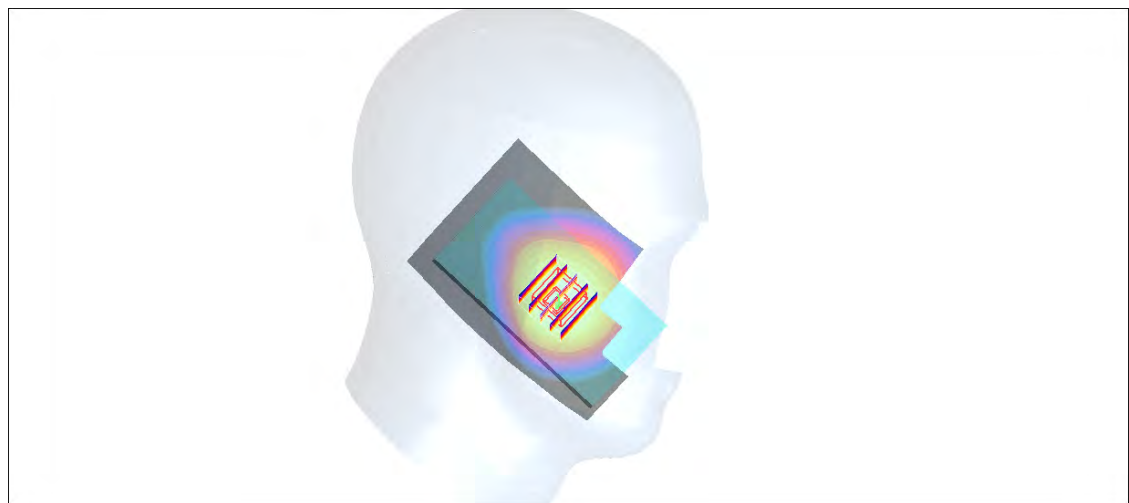
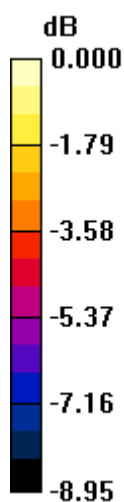
Ch4128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.85 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.244 mW/g



0 dB = 0.244mW/g

#67_WCDMA V_RMC12.2K_Left Tilted_Ch4182**DUT: 201604**

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

Medium: HSL_850_121023 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.918$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4128/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.178 mW/g

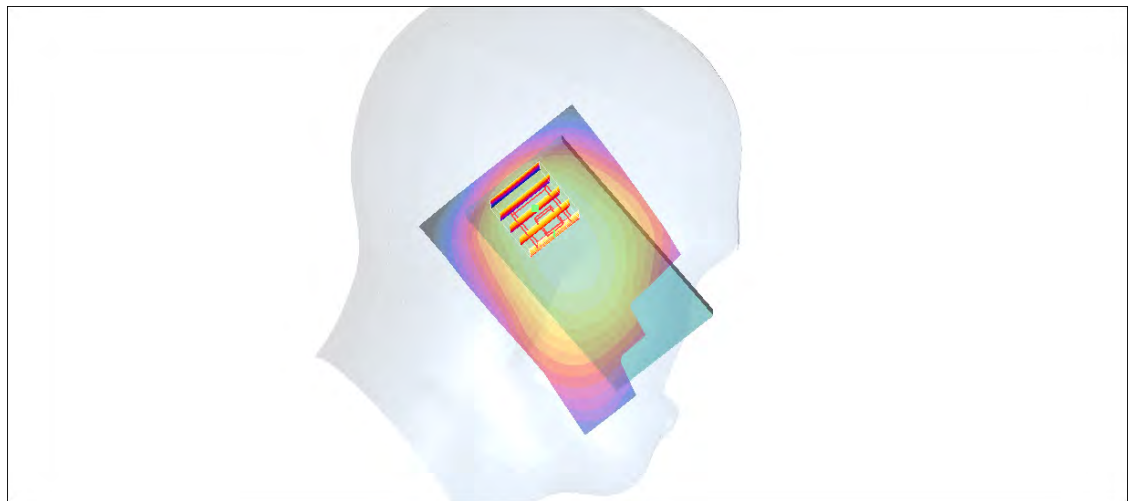
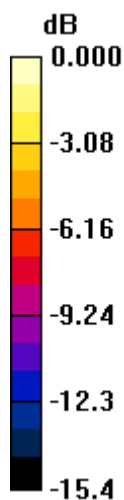
Ch4128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.174 mW/g



0 dB = 0.174mW/g

72_WCDMA II_RMC12.2K_Right Cheek_Ch9262**DUT: 2O1604**

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

Medium: HSL_1900_121110 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.373$

mho/m; $\epsilon_r = 39.049$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9262/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

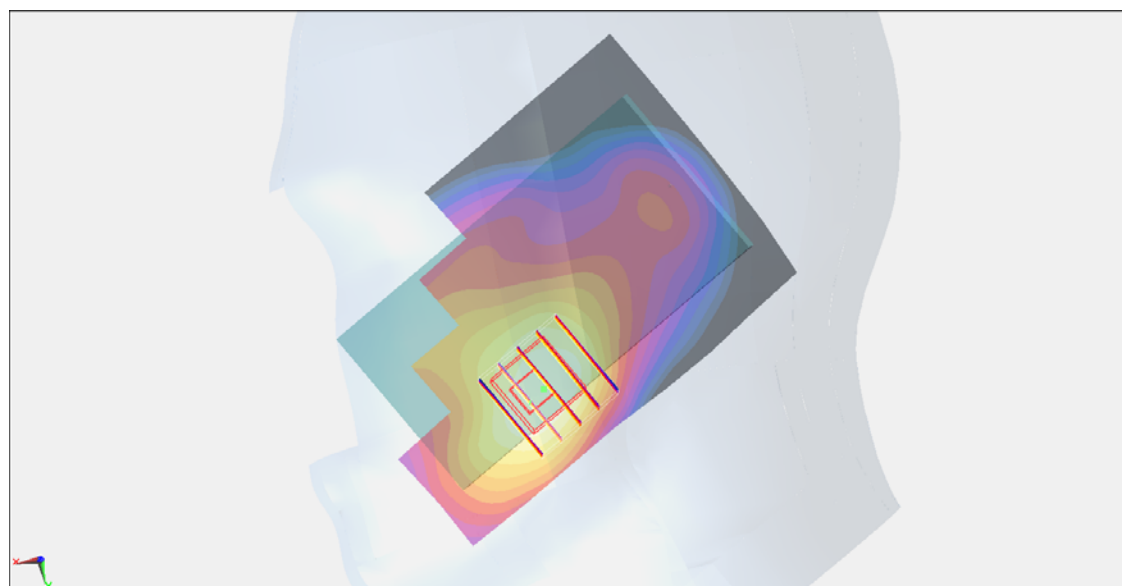
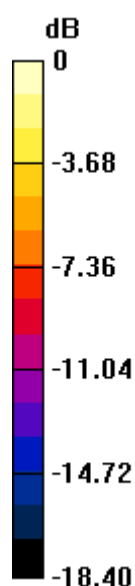
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.023 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.177 mW/g

SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.494 mW/g

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



0 dB = 0.886 mW/g = -1.05 dB mW/g

72_WCDMA II_RMC12.2K_Right Cheek_Ch9262**DUT: 2O1604**

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

Medium: HSL_1900_121110 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.373$

mho/m; $\epsilon_r = 39.049$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9262/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.945 mW/g

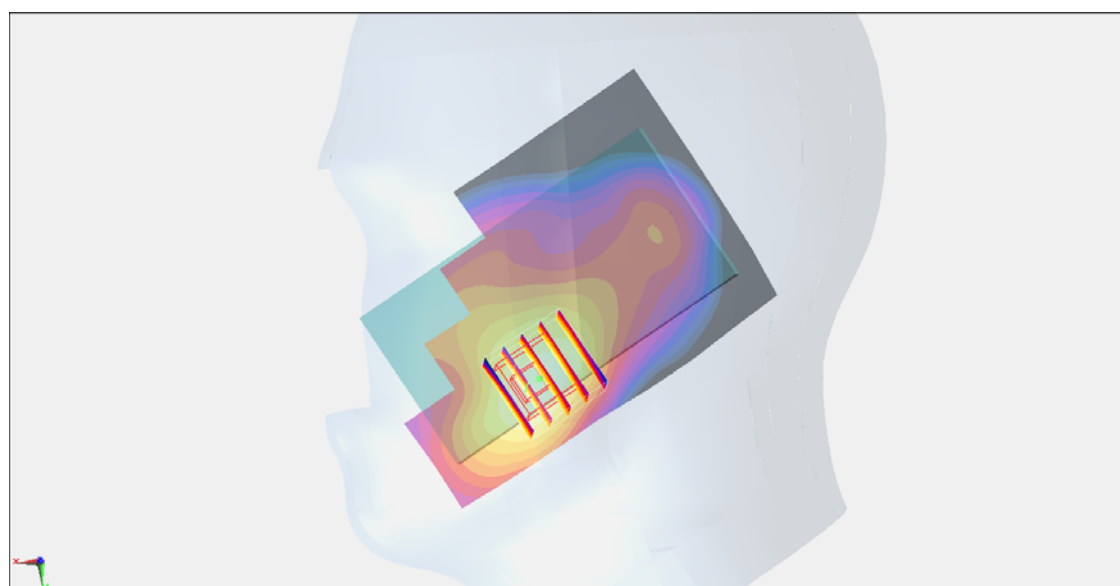
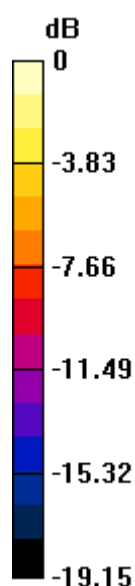
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.351 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.223 mW/g

SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.516 mW/g

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



0 dB = 0.926 mW/g = -0.67 dB mW/g

76_WCDMA II_RMC12.2K_Right Cheek_Ch9400**DUT: 2O1604**

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

Medium: HSL_1900_121110 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.433$ mho/m; $\epsilon_r = 38.832$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9400/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

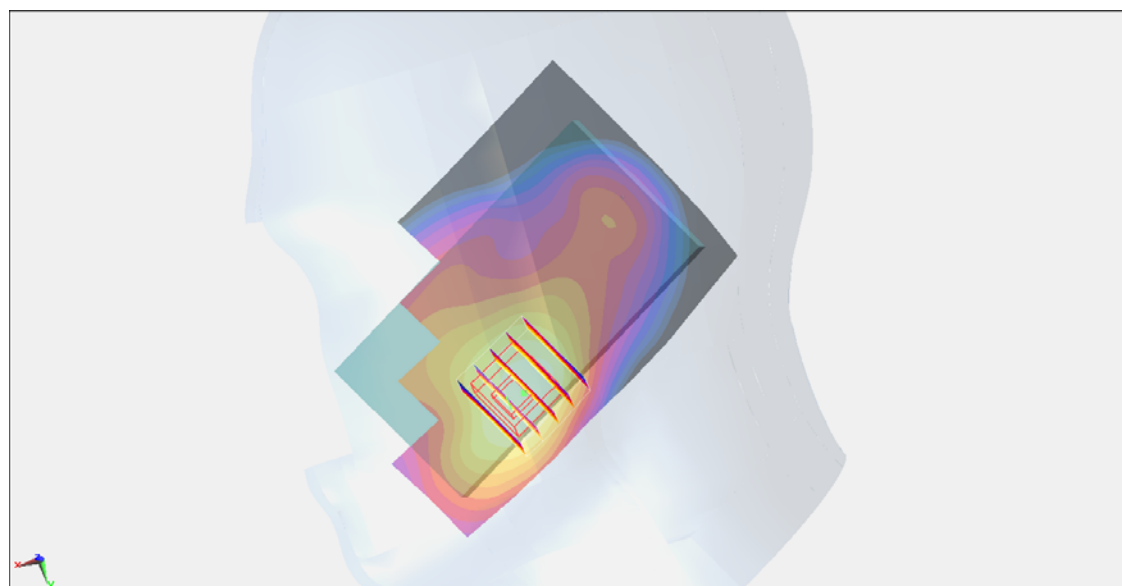
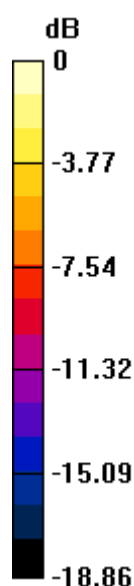
Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.486 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.199 mW/g

SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.492 mW/g

Maximum value of SAR (measured) = 0.885 mW/g



0 dB = 0.885 mW/g = -1.06 dB mW/g

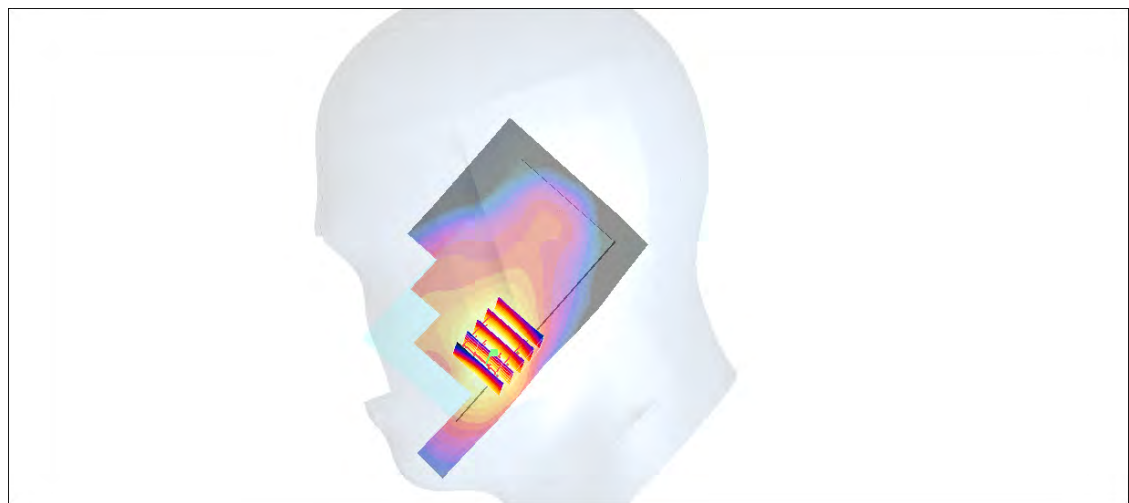
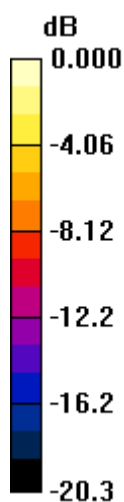
#77_WCDMA II_RMC12.2K_Right Cheek_Ch9538**DUT: 201604**

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

Medium: HSL_1900_121023 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 38.1$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.927 mW/g **Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 9.04 V/m ; Power Drift = 0.010 dB Peak SAR (extrapolated) = 1.28 W/kg **SAR(1 g) = 0.863 mW/g ; SAR(10 g) = 0.496 mW/g** Maximum value of SAR (measured) = 0.943 mW/g 0 dB = 0.943 mW/g

#77_WCDMA II_RMC12.2K_Right Cheek_Ch9538_2D

DUT: 201604

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

Medium: HSL_1900_121023 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

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

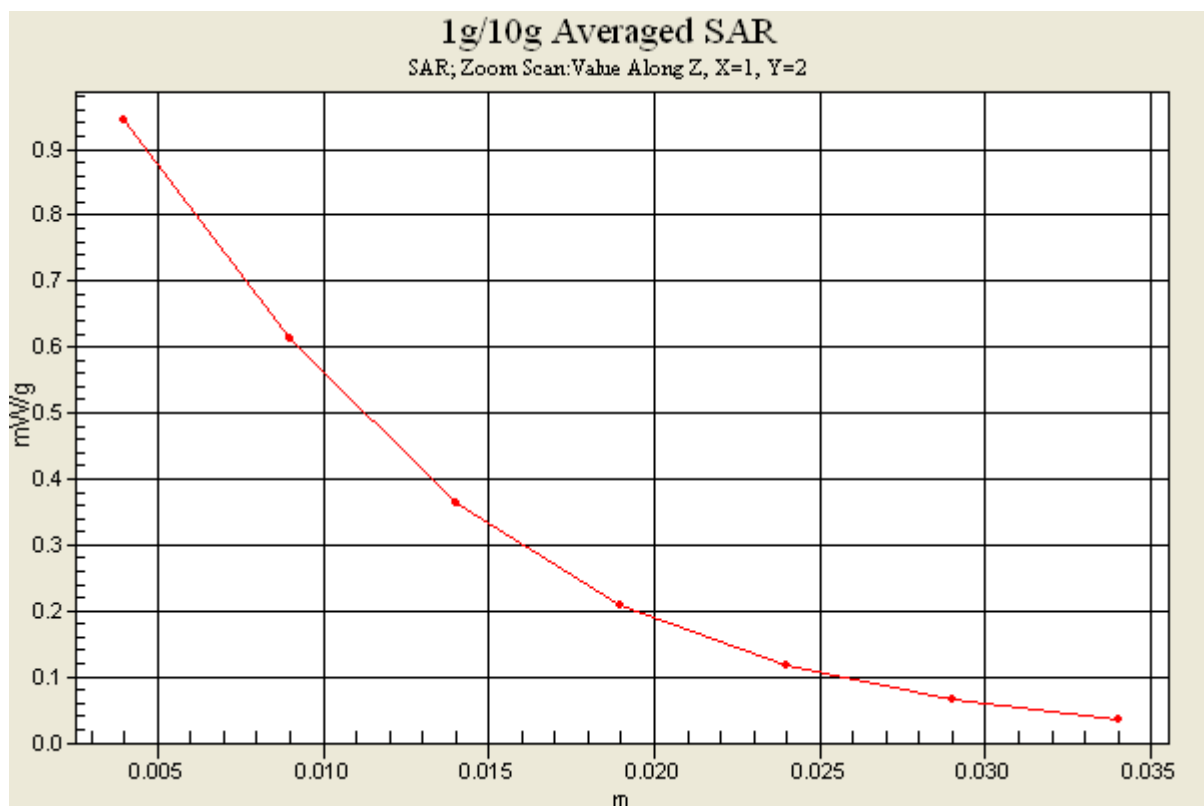
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.04 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.496 mW/g

Maximum value of SAR (measured) = 0.943 mW/g



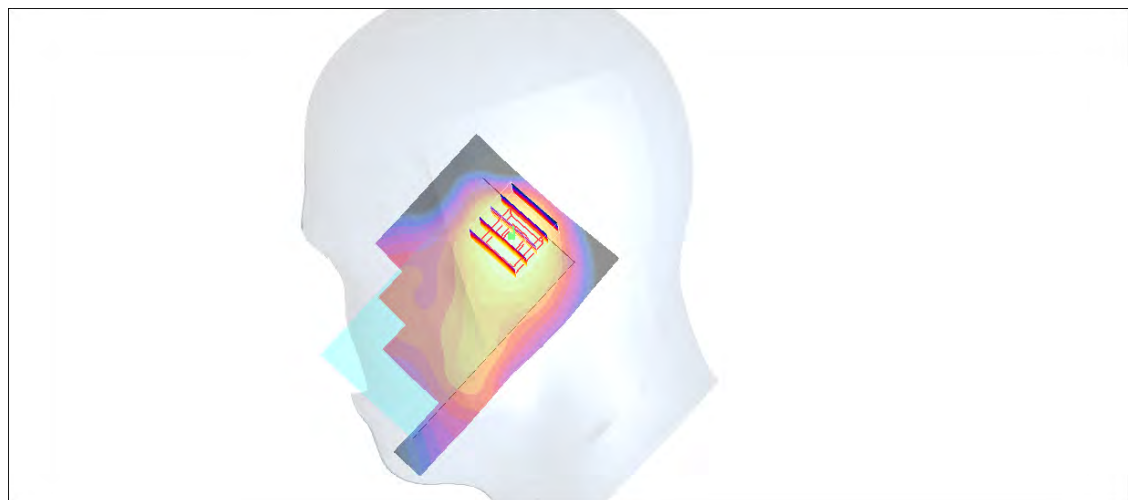
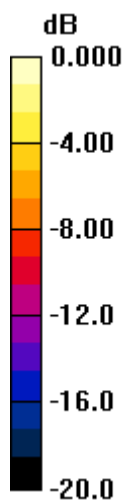
#73_WCDMA II_RMC12.2K_Right Tilted_Ch9262**DUT: 201604**

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

Medium: HSL_1900_121023 Medium parameters used : $f = 1852.4 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 38.4$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.443 mW/g **Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 16.2 V/m ; Power Drift = -0.138 dB Peak SAR (extrapolated) = 0.467 W/kg **SAR(1 g) = 0.321 mW/g ; SAR(10 g) = 0.188 mW/g** Maximum value of SAR (measured) = 0.357 mW/g 0 dB = 0.357 mW/g

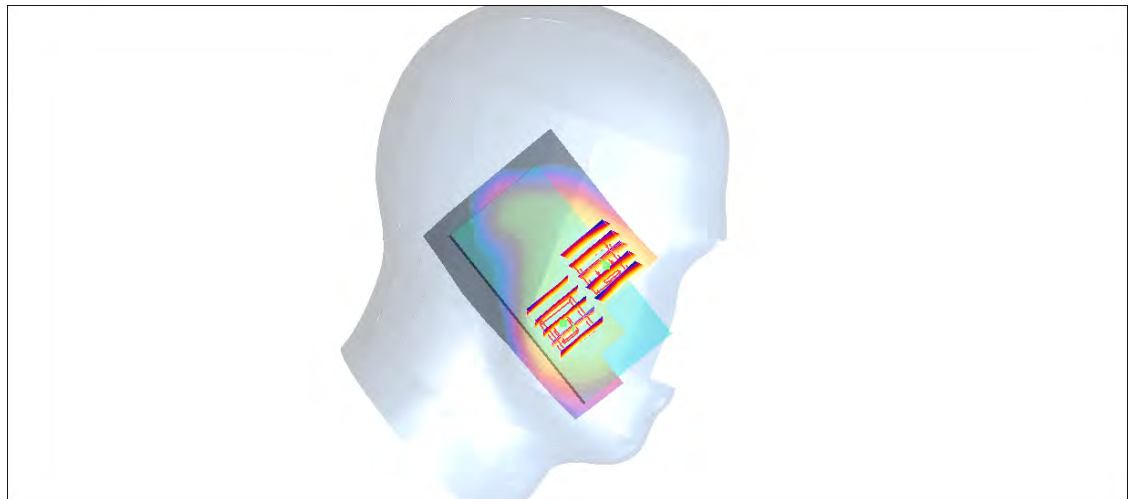
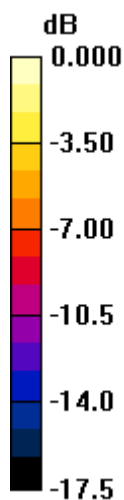
#74_WCDMA II_RMC12.2K_Left Cheek_Ch9262**DUT: 201604**

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

Medium: HSL_1900_121023 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 38.4$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x81x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.442 mW/g **Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 8.47 V/m ; Power Drift = 0.101 dB Peak SAR (extrapolated) = 0.558 W/kg **SAR(1 g) = 0.412 mW/g ; SAR(10 g) = 0.262 mW/g** Maximum value of SAR (measured) = 0.446 mW/g **Ch9262/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 8.47 V/m ; Power Drift = 0.101 dB Peak SAR (extrapolated) = 0.518 W/kg **SAR(1 g) = 0.374 mW/g ; SAR(10 g) = 0.235 mW/g** Maximum value of SAR (measured) = 0.399 mW/g 0 dB = 0.399 mW/g

#75_WCDMA II_RMC12.2K_Left Tilted_Ch9262**DUT: 201604**

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

Medium: HSL_1900_121023 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.338 mW/g

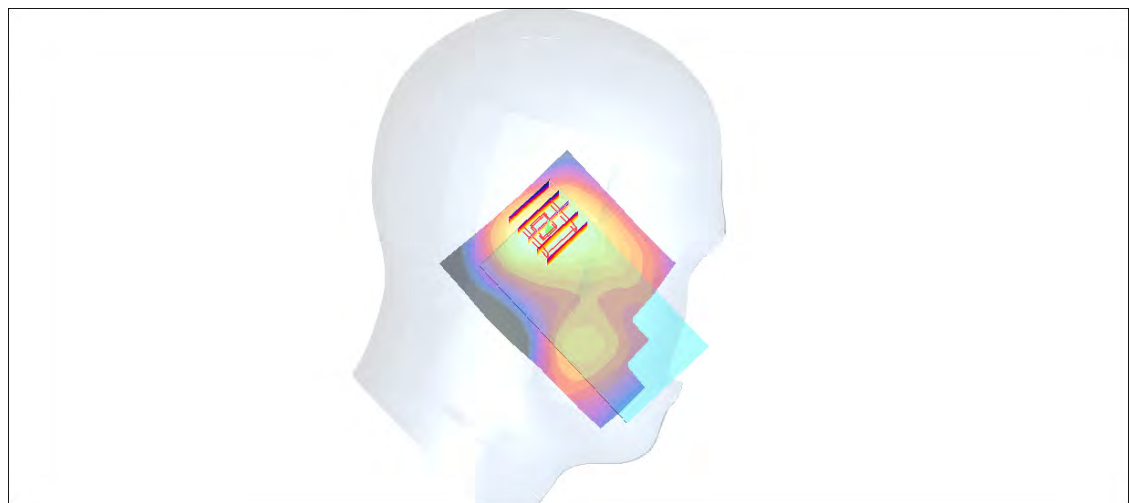
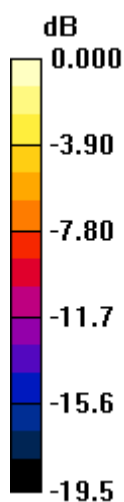
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.7 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.290 mW/g



0 dB = 0.290mW/g

#36_WLAN2.4G_802.11b_Right Cheek_Ch6**DUT: 2O1604**

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

Medium: HSL_2450_121022 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.831$ mho/m; $\epsilon_r = 38.654$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.82, 6.82, 6.82); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.00918 mW/g

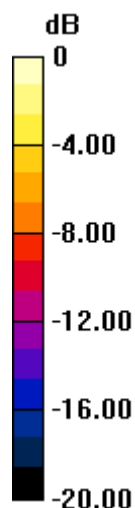
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.040 mW/g

SAR(1 g) = 0.00843 mW/g; SAR(10 g) = 0.00243 mW/g

Maximum value of SAR (measured) = 0.00713 mW/g



0 dB = 0.00713 mW/g = -42.94 dB mW/g

#37_WLAN2.4G_802.11b_Right Tilted_Ch6**DUT: 2O1604**

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

Medium: HSL_2450_121022 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.831$ mho/m; $\epsilon_r = 38.654$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.82, 6.82, 6.82); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.00285 mW/g

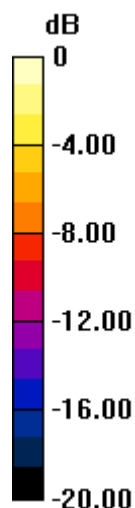
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.709 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.00938 mW/g

SAR(1 g) = 0.00193 mW/g; SAR(10 g) = 0.000337 mW/g

Maximum value of SAR (measured) = 0.00287 mW/g



0 dB = 0.00287 mW/g = -50.84 dB mW/g

#38_WLAN2.4G_802.11b_Left Cheek_Ch6**DUT: 2O1604**

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

Medium: HSL_2450_121022 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.831$ mho/m; $\epsilon_r = 38.654$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.82, 6.82, 6.82); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0275 mW/g

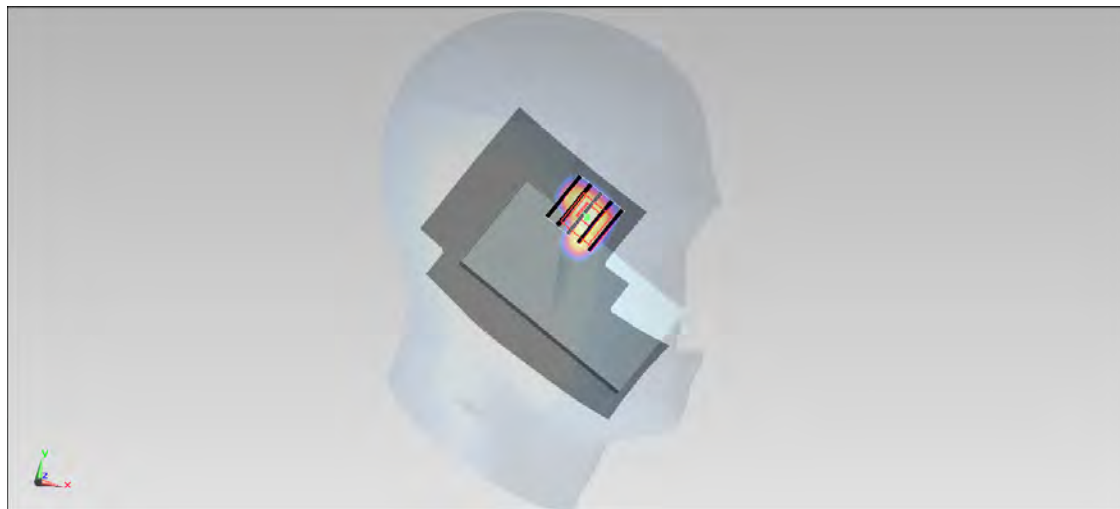
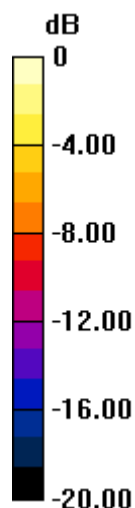
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.818 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.059 mW/g

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00603 mW/g

Maximum value of SAR (measured) = 0.0242 mW/g



0 dB = 0.0242 mW/g = -32.32 dB mW/g

#38_WLAN2.4G_802.11b_Left Cheek_Ch6_2D**DUT: 2O1604**

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

Medium: HSL_2450_121022 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.831$ mho/m; $\epsilon_r = 38.654$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.82, 6.82, 6.82); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0275 mW/g

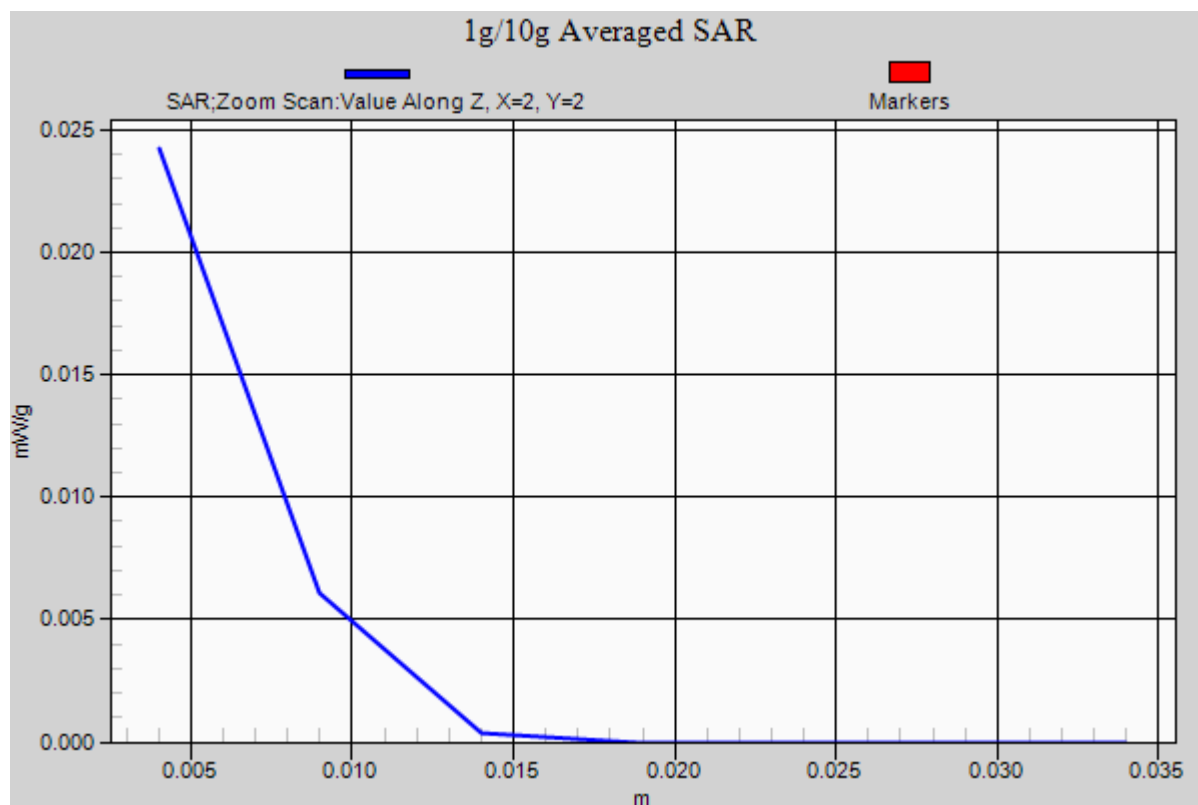
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.818 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.059 mW/g

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00603 mW/g

Maximum value of SAR (measured) = 0.0242 mW/g



#39_WLAN2.4G_802.11b_Left Tilted_Ch6**DUT: 2O1604**

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

Medium: HSL_2450_121022 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.831$ mho/m; $\epsilon_r = 38.654$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.82, 6.82, 6.82); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.00479 mW/g

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

Reference Value = 1.616 V/m; Power Drift = 0.096 dB

Peak SAR (extrapolated) = 0.045 mW/g

SAR(1 g) = 0.00883 mW/g; SAR(10 g) = 0.00297 mW/g

Maximum value of SAR (measured) = 0.00808 mW/g

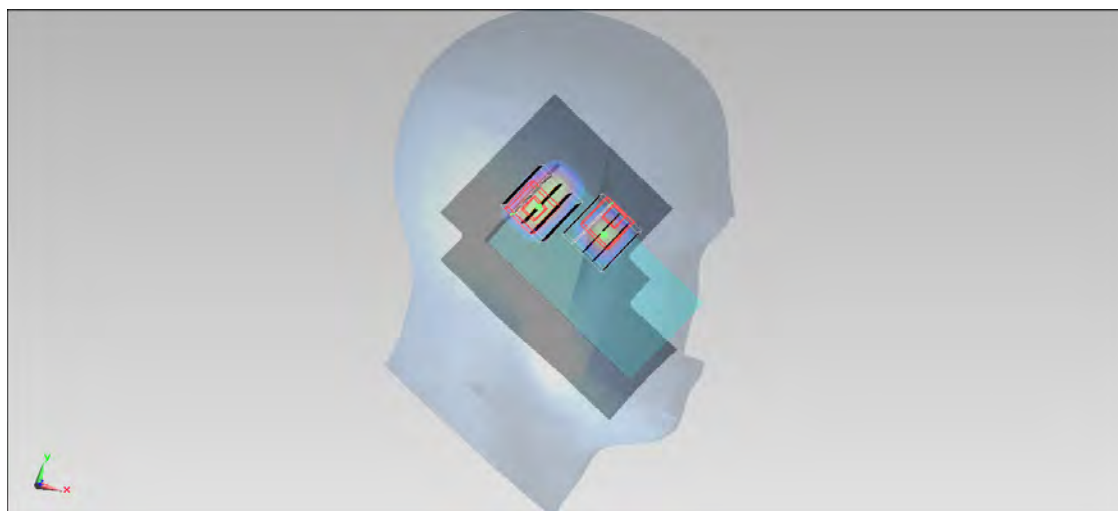
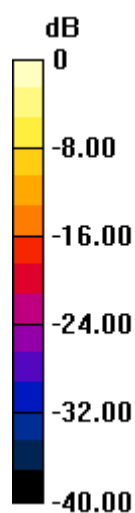
Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.616 V/m; Power Drift = 0.096 dB

Peak SAR (extrapolated) = 0.040 mW/g

SAR(1 g) = 0.00254 mW/g; SAR(10 g) = 0.000318 mW/g

Maximum value of SAR (measured) = 0.0288 mW/g



0 dB = 0.0288 mW/g = -30.81 dB mW/g

#18_WLAN5G_802.11a_Right Cheek_Ch48**DUT: 2O1604**

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

Medium: HSL_5G_121102 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.84$ mho/m; $\epsilon_r = 35.443$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch48/Area Scan (81x141x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.0313 mW/g

Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.451 V/m ; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.142 mW/g

SAR(1 g) = 0.0014 mW/g ; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.0282 mW/g

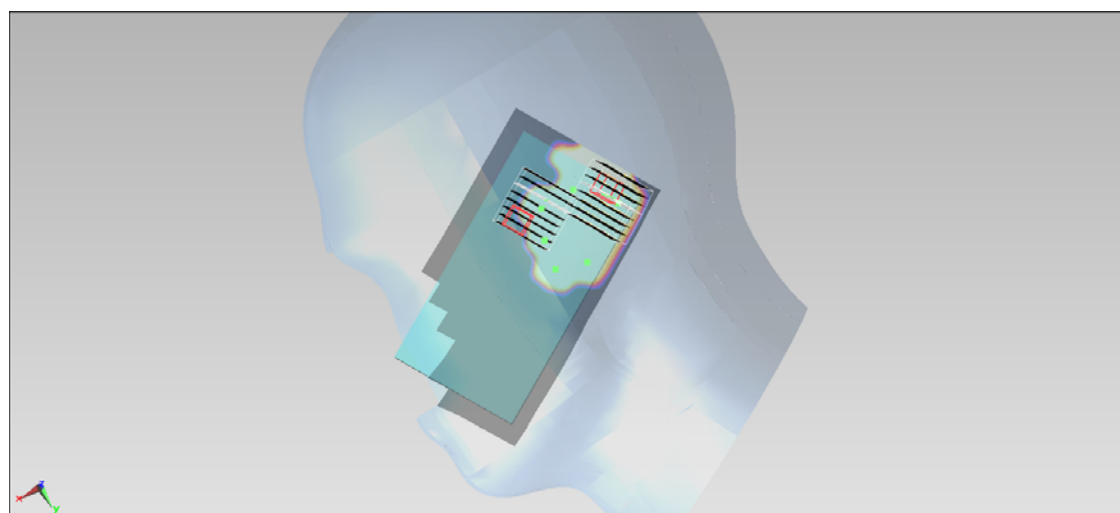
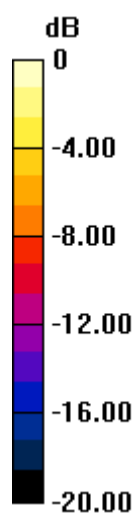
Ch48/Zoom Scan (8x8x10)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.451 V/m ; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.00066 mW/g

SAR(1 g) = $1.83\text{e-}005 \text{ mW/g}$; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.00402 mW/g



$0 \text{ dB} = 0.00402 \text{ mW/g} = -47.92 \text{ dB mW/g}$

#19_WLAN5G_802.11a_Right Tilted_Ch48**DUT: 2O1604**

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

Medium: HSL_5G_121019 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.83$ mho/m; $\epsilon_r = 35.369$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.0981 W/kg

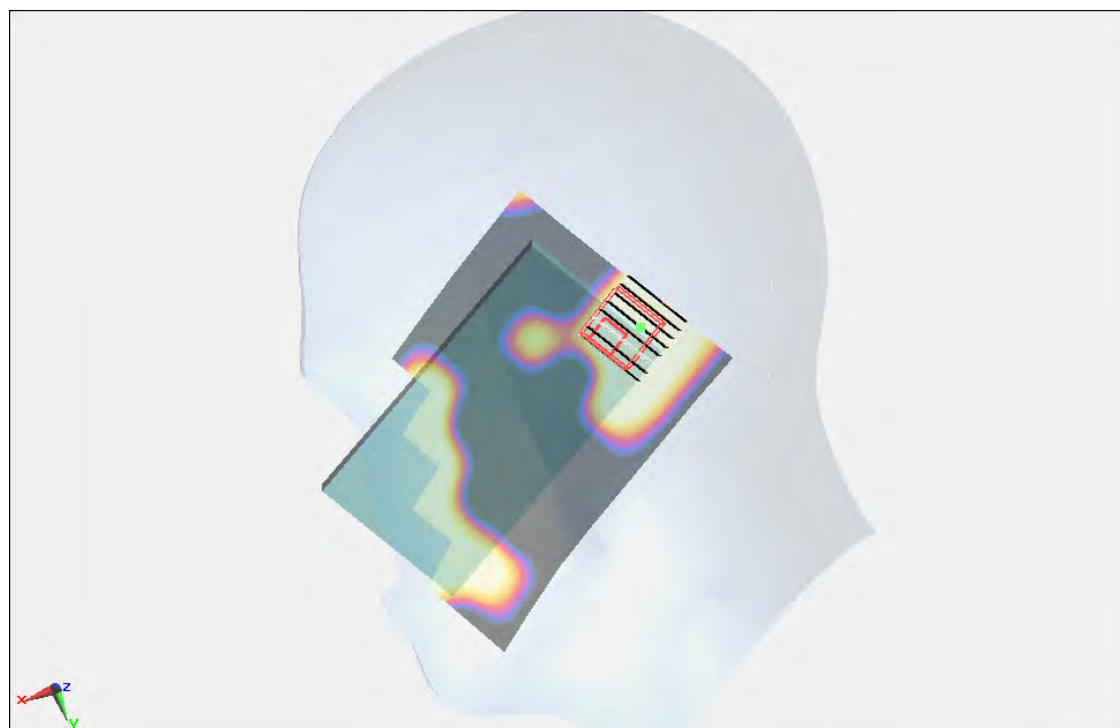
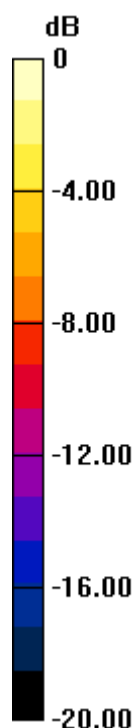
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 0.596 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.0023 mW/g

SAR(1 g) = 0.0000207 mW/g ; SAR(10 g) = 0.00000135 mW/g

Maximum value of SAR (measured) = 0.00701 W/kg



0 dB = 0.00701 W/kg = -43.09 dB W/kg

#20_WLAN5G_802.11a_Left Cheek_Ch48**DUT: 2O1604**

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

Medium: HSL_5G_121019 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.83$ mho/m; $\epsilon_r = 35.369$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.0323 W/kg

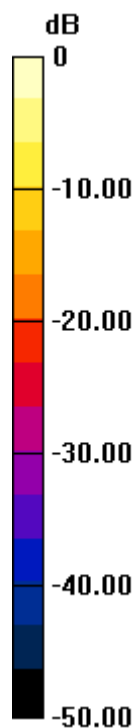
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 1.676 V/m ; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.148 mW/g

SAR(1 g) = 0.00372 mW/g ; SAR(10 g) = 0.000321 mW/g

Maximum value of SAR (measured) = 0.0301 W/kg



0 dB = 0.0301 W/kg = -30.43 dB W/kg

#20_WLAN5G_802.11a_Left Cheek_Ch48_2D**DUT: 2O1604**

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

Medium: HSL_5G_121019 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.83$ mho/m; $\epsilon_r = 35.369$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.0323 W/kg

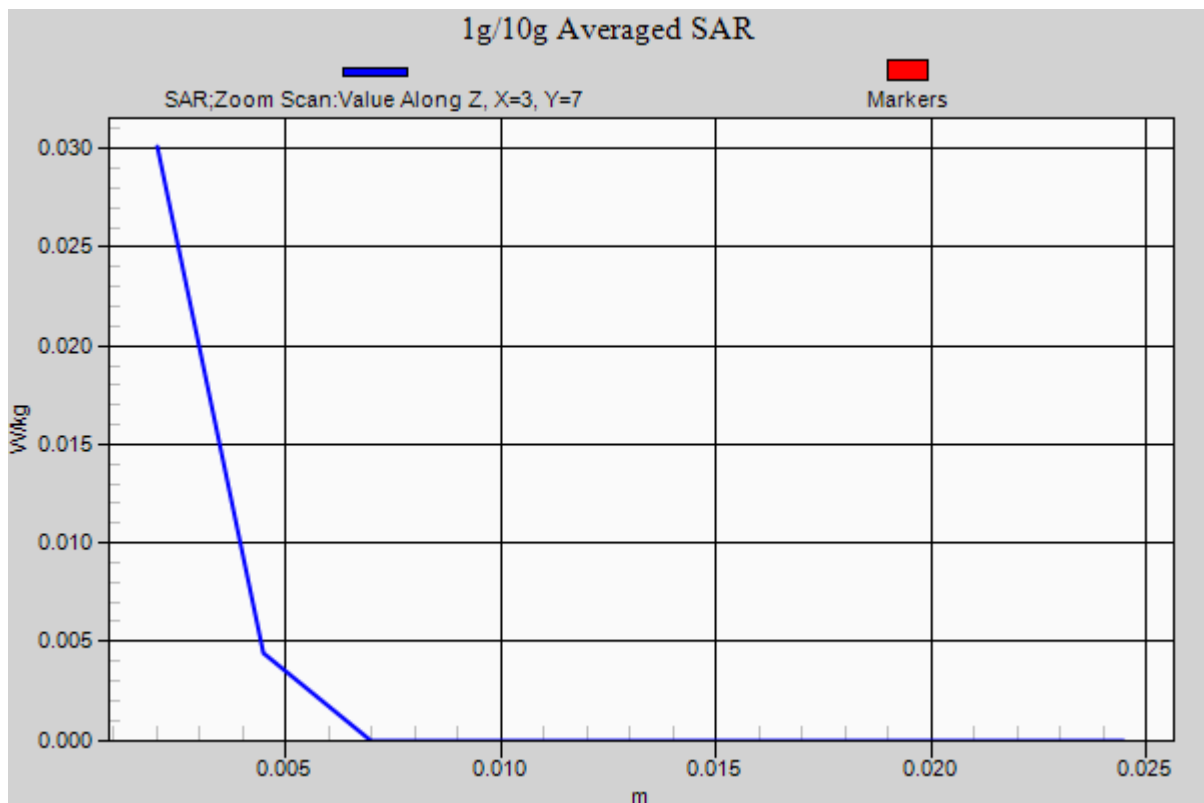
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 1.676 V/m ; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.148 mW/g

SAR(1 g) = 0.00372 mW/g ; SAR(10 g) = 0.000321 mW/g

Maximum value of SAR (measured) = 0.0301 W/kg



#21_WLAN5G_802.11a_Left Tilted_Ch48**DUT: 2O1604**

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

Medium: HSL_5G_121019 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.83$ mho/m; $\epsilon_r = 35.369$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.0657 W/kg

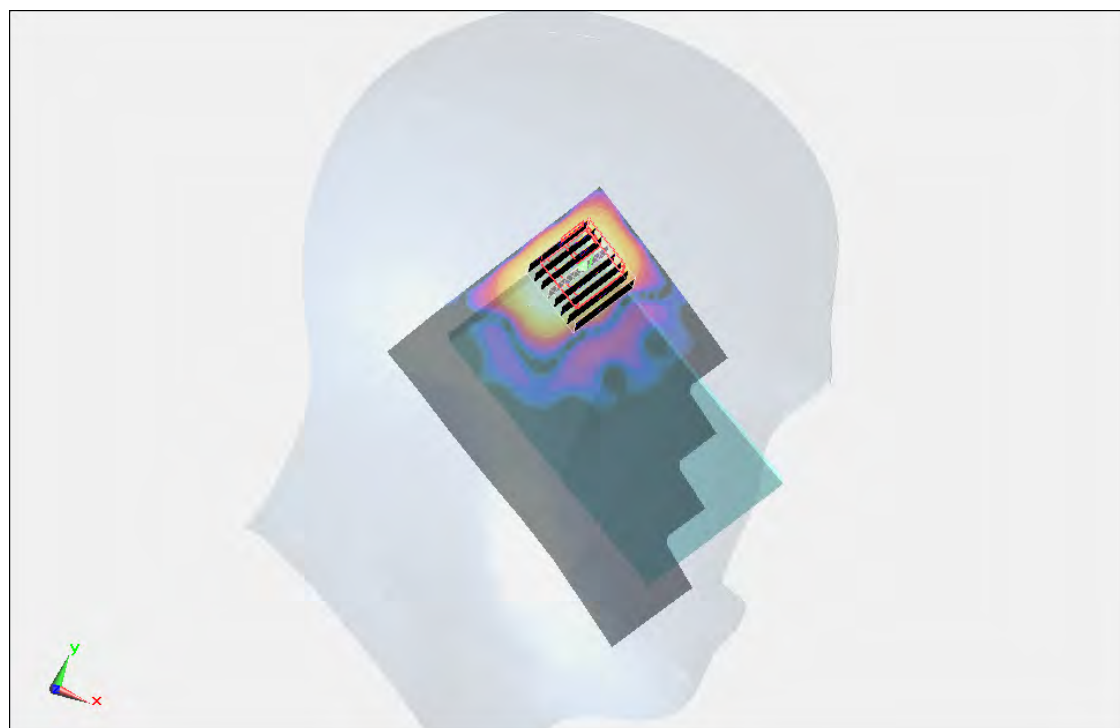
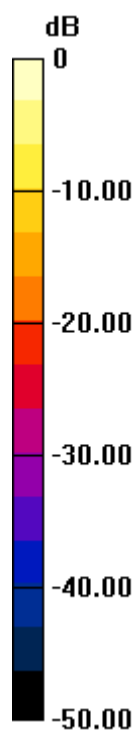
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 0.610 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.015 mW/g

SAR(1 g) = 0.00014 mW/g ; SAR(10 g) = 0.00000921 mW/g

Maximum value of SAR (measured) = 0.0140 W/kg



0 dB = 0.0140 W/kg = -37.08 dB W/kg

#22_WLAN5G_802.11n-HT20_Left Cheek_Ch40**DUT: 2O1604**

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5200$ MHz; $\sigma = 4.786$ mho/m; $\epsilon_r = 35.42$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch40/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.0663 W/kg

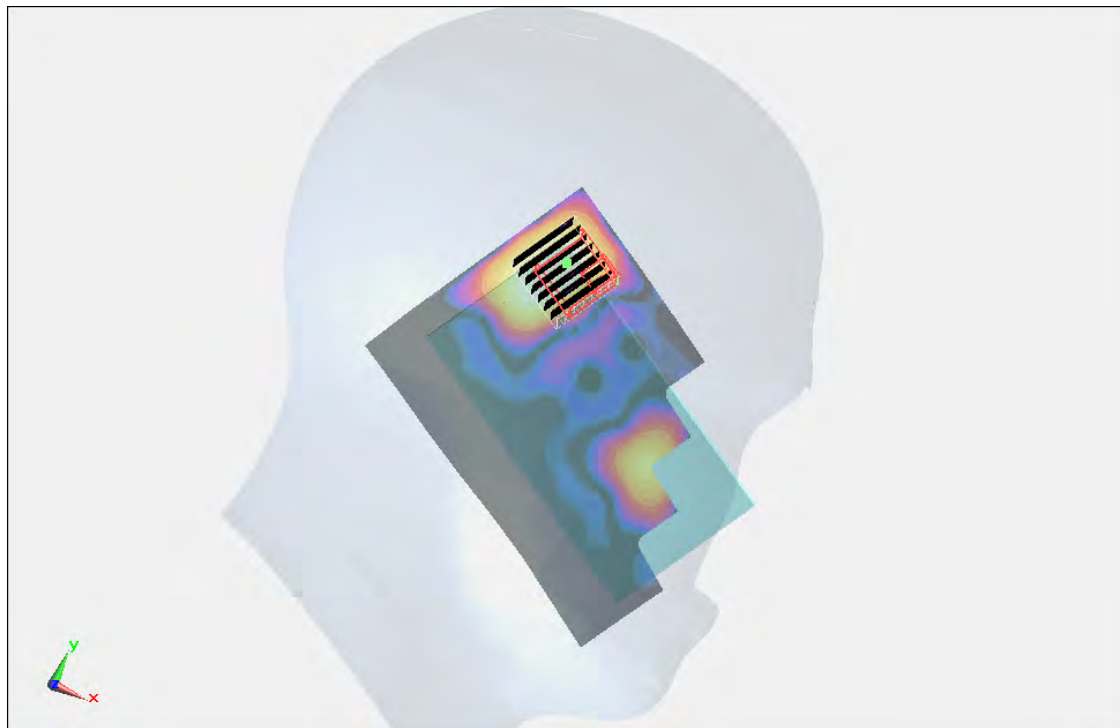
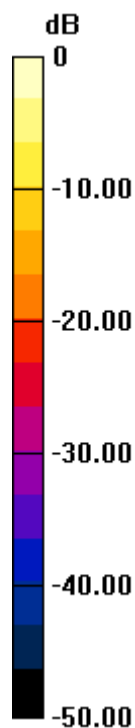
Ch40/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 1.522 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.136 mW/g

SAR(1 g) = 0.00315 mW/g ; SAR(10 g) = 0.000259 mW/g

Maximum value of SAR (measured) = 0.0295 W/kg



0 dB = 0.0295 W/kg = -30.60 dB W/kg

#23_WLAN5G_802.11a_Right Cheek_Ch64**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.906$ mho/m; $\epsilon_r = 35.223$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.0537 W/kg

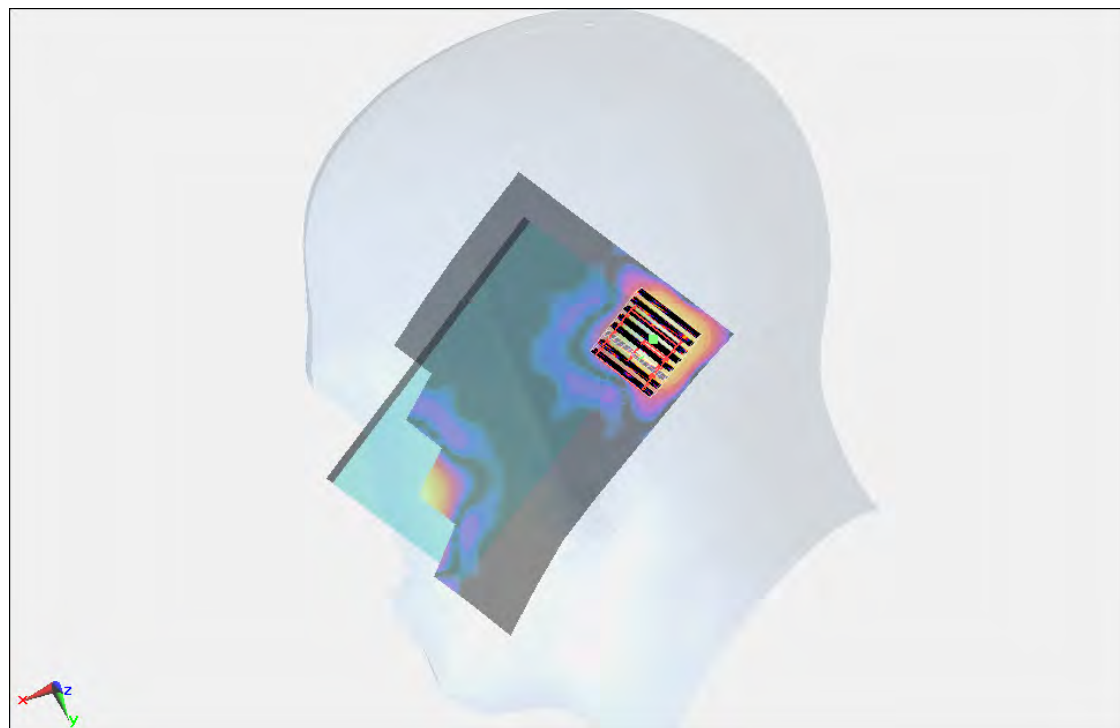
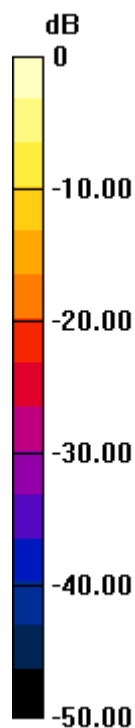
Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.068 mW/g

SAR(1 g) = 0.0025 mW/g; SAR(10 g) = 0.000257 mW/g

Maximum value of SAR (measured) = 0.0260 W/kg



0 dB = 0.0260 W/kg = -31.70 dB W/kg

#23_WLAN5G_802.11a_Right Cheek_Ch64_2D**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used : $f = 5320$ MHz; $\sigma = 4.906$ mho/m; $\epsilon_r = 35.223$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.0537 W/kg

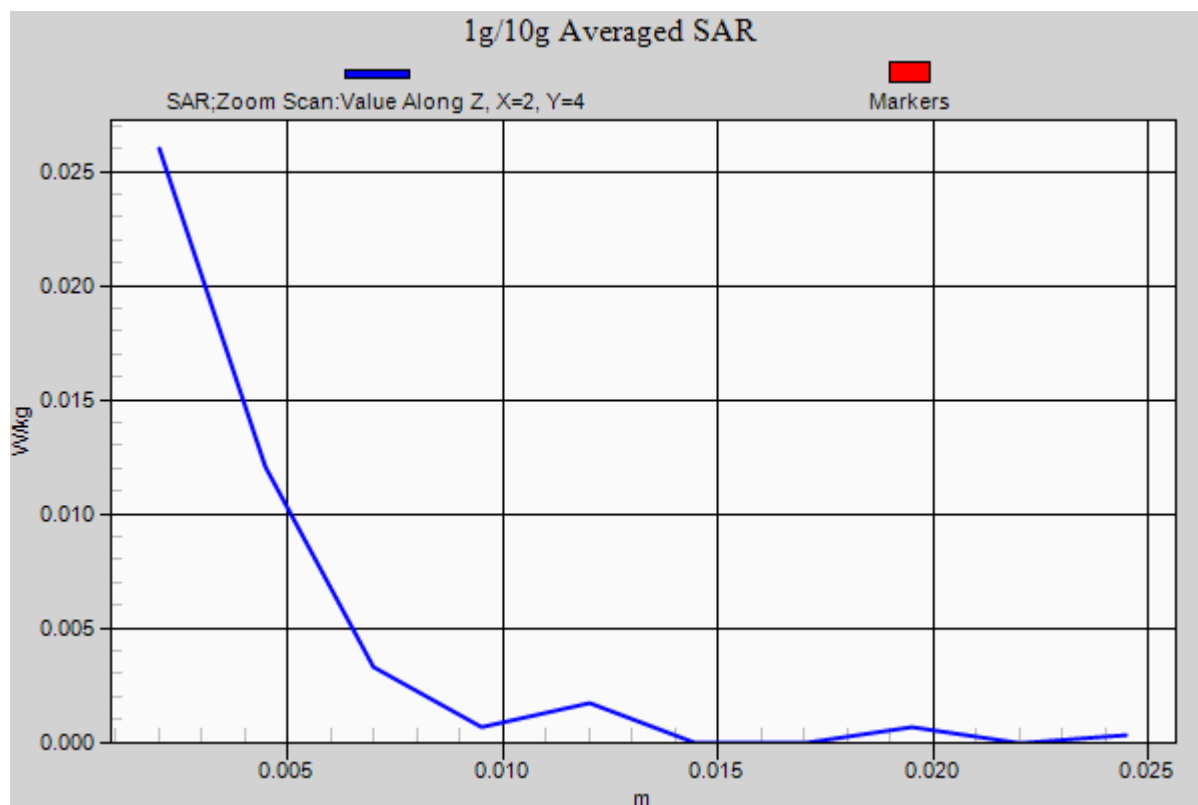
Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 0 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.068 mW/g

SAR(1 g) = 0.0025 mW/g ; SAR(10 g) = 0.000257 mW/g

Maximum value of SAR (measured) = 0.0260 W/kg



#24_WLAN5G_802.11a_Right Tilted_Ch64**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used : $f = 5320$ MHz; $\sigma = 4.906$ mho/m; $\epsilon_r = 35.223$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (101x161x1): Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.0614 W/kg

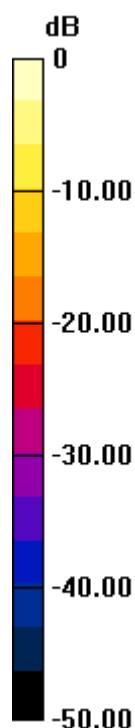
Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.022 mW/g

SAR(1 g) = 0.0002 mW/g; SAR(10 g) = 0.0000137 mW/g

Maximum value of SAR (measured) = 0.0110 W/kg



0 dB = 0.0110 W/kg = -39.17 dB W/kg

#25_WLAN5G_802.11a_Left Cheek_Ch64**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.906$ mho/m; $\epsilon_r = 35.223$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.124 W/kg

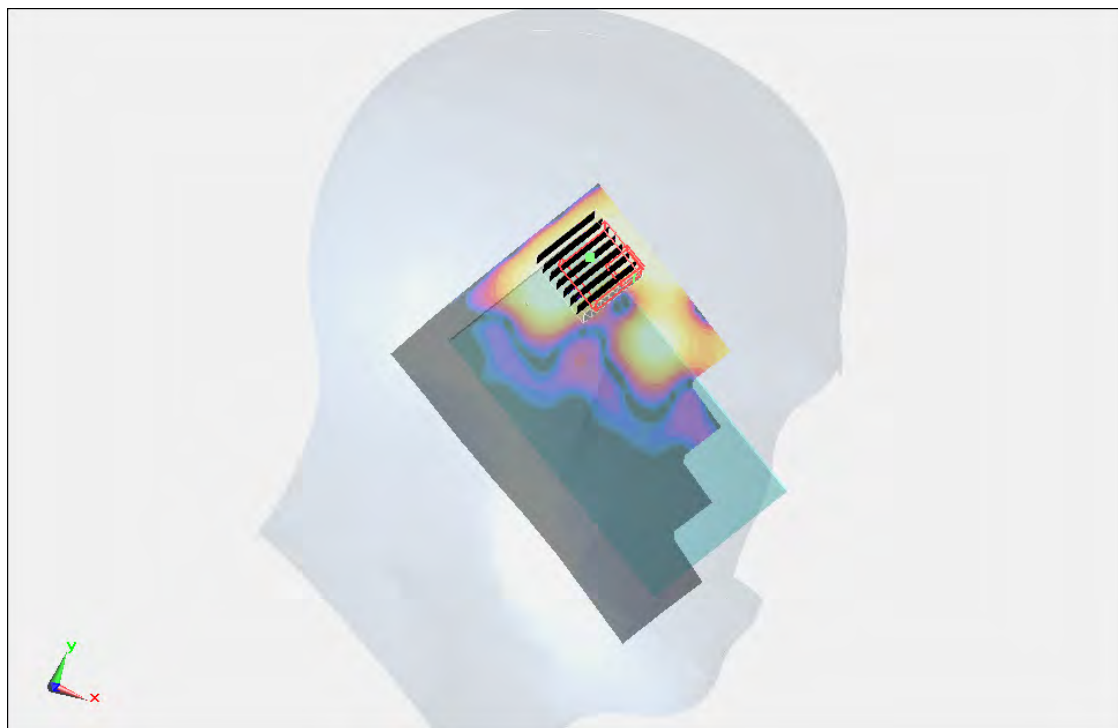
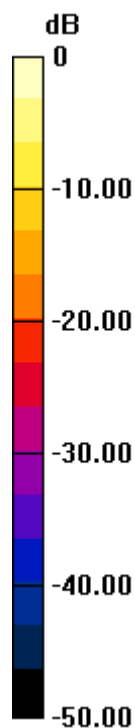
Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 1.296 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.090 mW/g

SAR(1 g) = 0.000977 mW/g ; SAR(10 g) = 0.0000598 mW/g

Maximum value of SAR (measured) = 0.0272 W/kg



0 dB = 0.0272 W/kg = -31.31 dB W/kg

#26_WLAN5G_802.11a_Left Tilted_Ch64**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.906$ mho/m; $\epsilon_r = 35.223$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.0713 W/kg

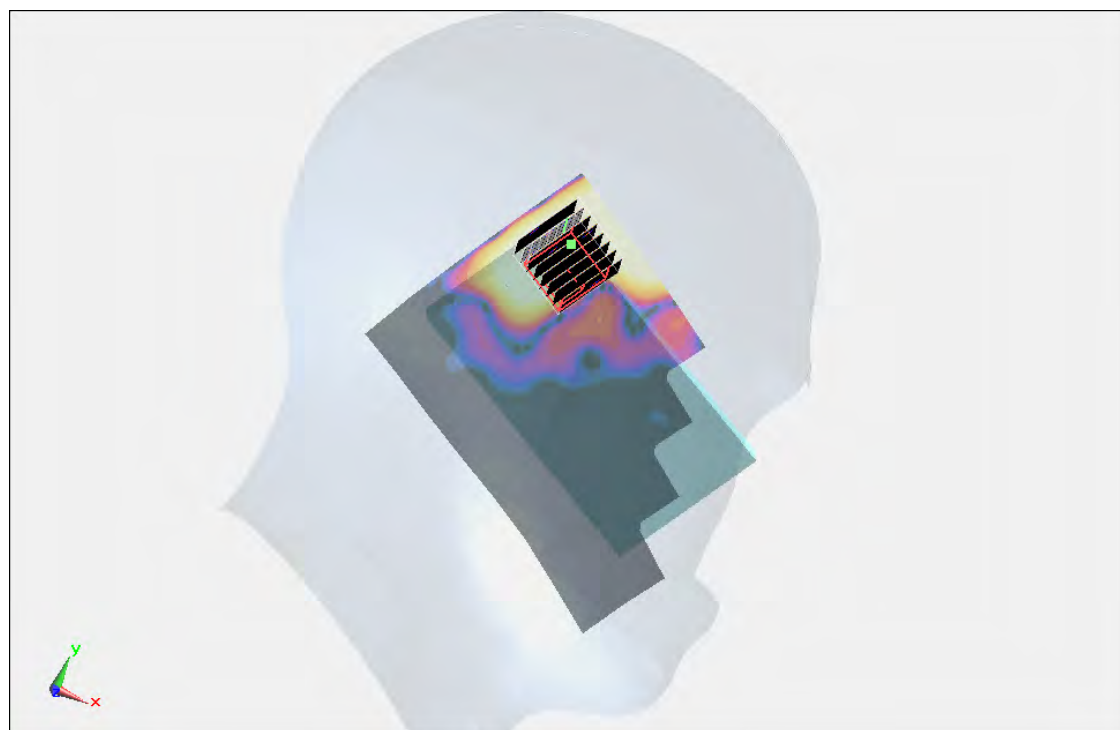
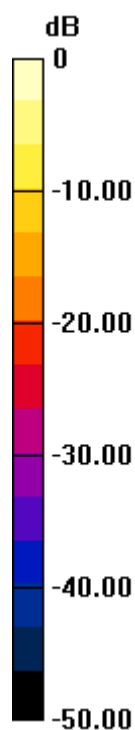
Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 1.118 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.000264 mW/g

SAR(1 g) = 0.00000821 mW/g ; SAR(10 g) = 0.000000813 mW/g

Maximum value of SAR (measured) = 0.00626 W/kg



0 dB = 0.00626 W/kg = -44.07 dB W/kg

#27_WLAN5G_802.11n-HT20_Right Cheek _Ch56**DUT: 2O1604**

Communication System: 802.11n; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121019 Medium parameters used : $f = 5280$ MHz; $\sigma = 4.87$ mho/m; $\epsilon_r = 35.314$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch56/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.0356 W/kg

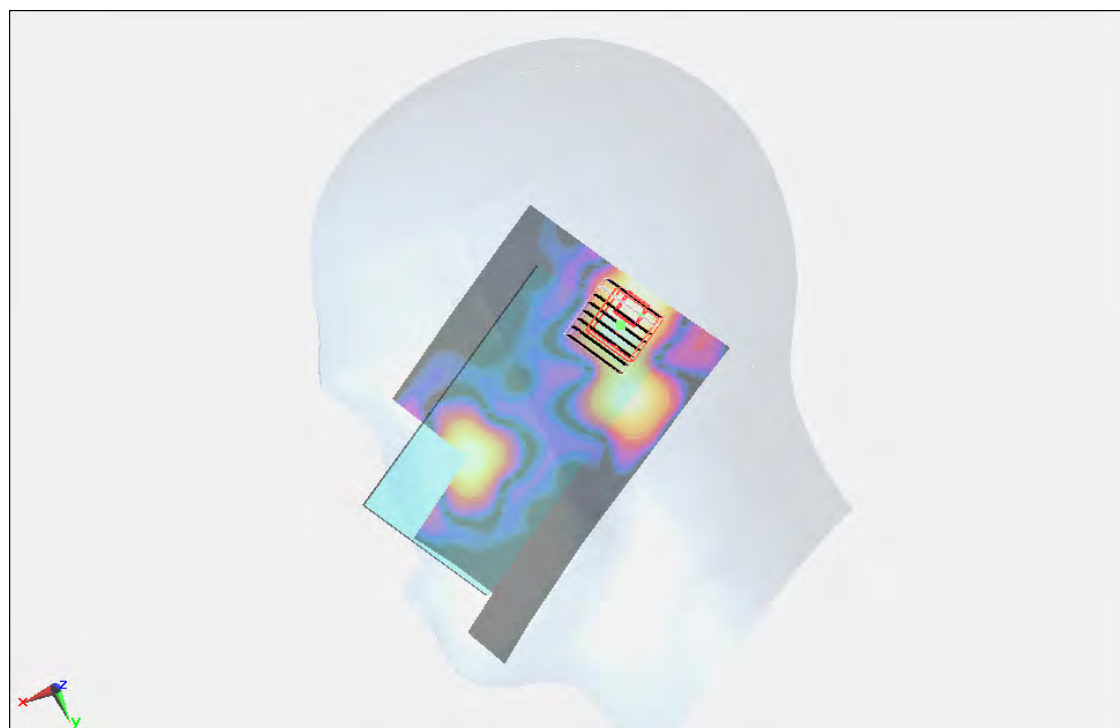
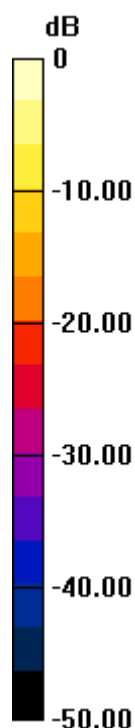
Ch56/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 0.756 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.053 mW/g

SAR(1 g) = 0.0014 mW/g ; SAR(10 g) = 0.000183 mW/g

Maximum value of SAR (measured) = 0.0144 W/kg



0 dB = 0.0144 W/kg = -36.83 dB W/kg

#28_WLAN5G_802.11a_Right Cheek_Ch140**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121102 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.305$ mho/m; $\epsilon_r = 34.582$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch140/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0880 mW/g

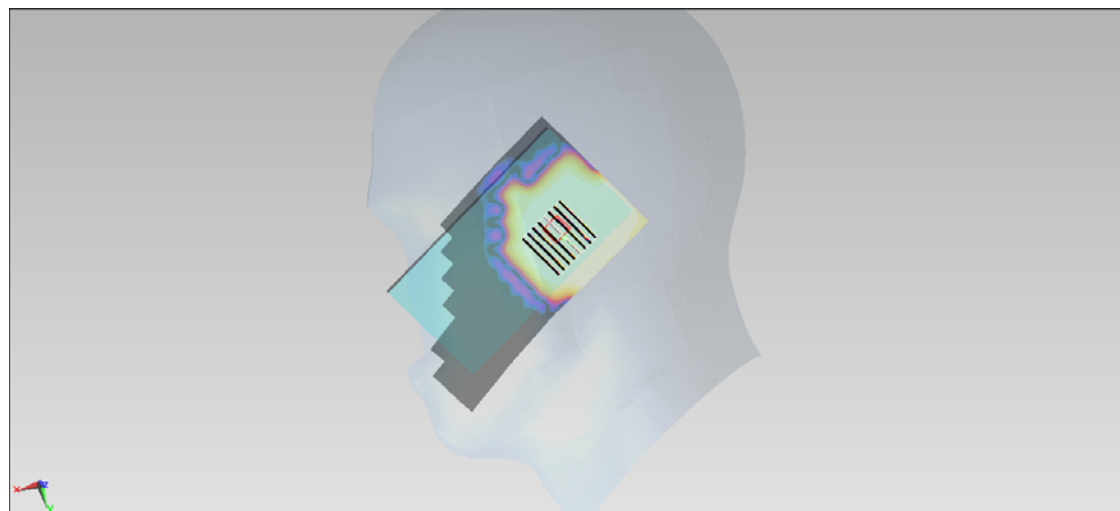
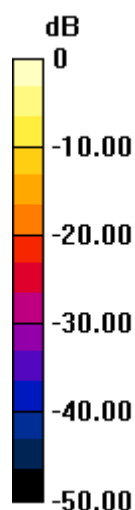
Ch140/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.341 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 0.219 mW/g

SAR(1 g) = 0.019 mW/g; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.0313 mW/g



0 dB = 0.0313 mW/g = -30.09 dB mW/g

#29_WLAN5G_802.11a_Right Tilted_Ch140**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121102 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.305$ mho/m; $\epsilon_r = 34.582$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch140/Area Scan (81x141x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.0419 mW/g

Ch140/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0.953 V/m ; Power Drift = 0.159 dB

Peak SAR (extrapolated) = 0.191 mW/g

SAR(1 g) = 0.017 mW/g ; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.0316 mW/g

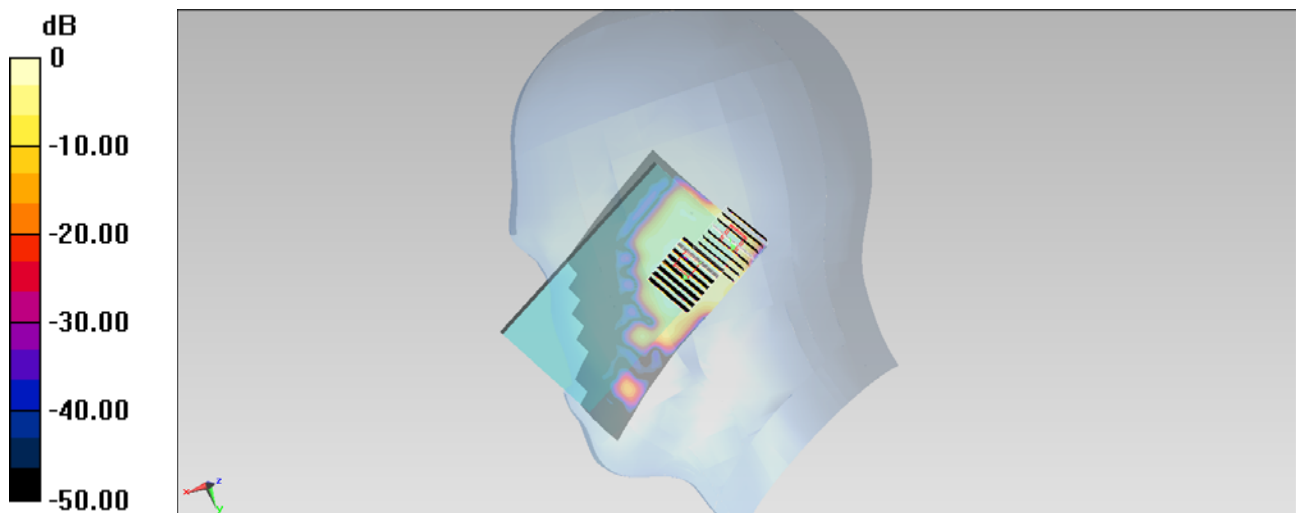
Ch140/Zoom Scan (8x8x10)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0.953 V/m ; Power Drift = 0.159 dB

Peak SAR (extrapolated) = 0.172 mW/g

SAR(1 g) = 0.015 mW/g ; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.0402 mW/g



$0 \text{ dB} = 0.0402 \text{ mW/g} = -27.92 \text{ dB mW/g}$

#30_WLAN5G_802.11a_Left Cheek_Ch140**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121102 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.305$ mho/m; $\epsilon_r = 34.582$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch140/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0646 mW/g

Ch140/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.273 V/m; Power Drift = -0.147 dB

Peak SAR (extrapolated) = 0.245 mW/g

SAR(1 g) = 0.022 mW/g; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.0411 mW/g

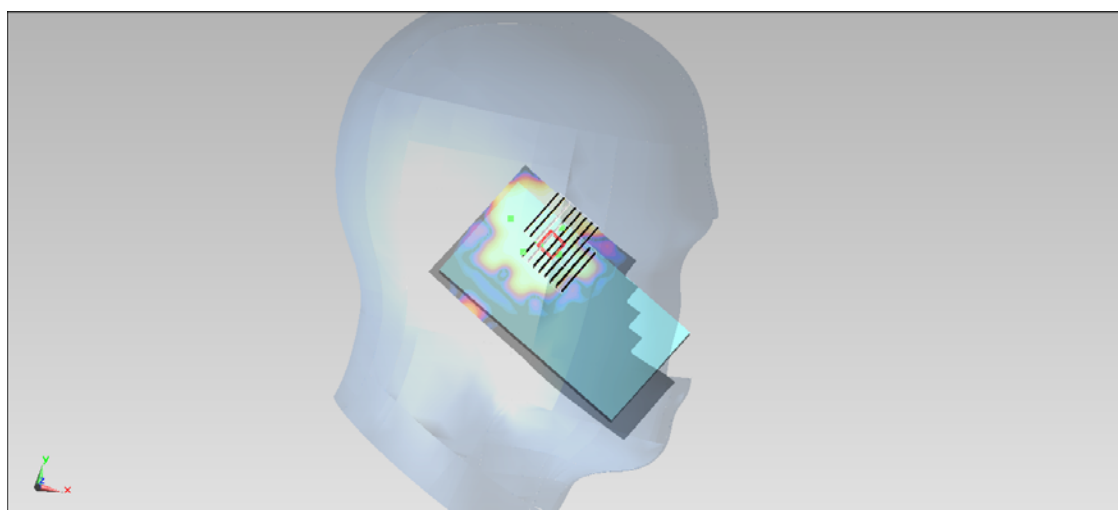
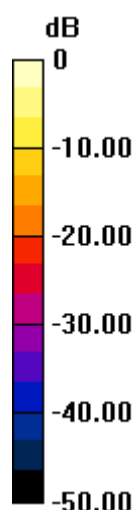
Ch140/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.273 V/m; Power Drift = -0.147 dB

Peak SAR (extrapolated) = 0.226 mW/g

SAR(1 g) = 0.021 mW/g; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.0360 mW/g



0 dB = 0.0360 mW/g = -28.87 dB mW/g

#30_WLAN5G_802.11a_Left Cheek_Ch140_2D**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121102 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.305$ mho/m; $\epsilon_r = 34.582$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch140/Area Scan (81x141x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.0646 mW/g

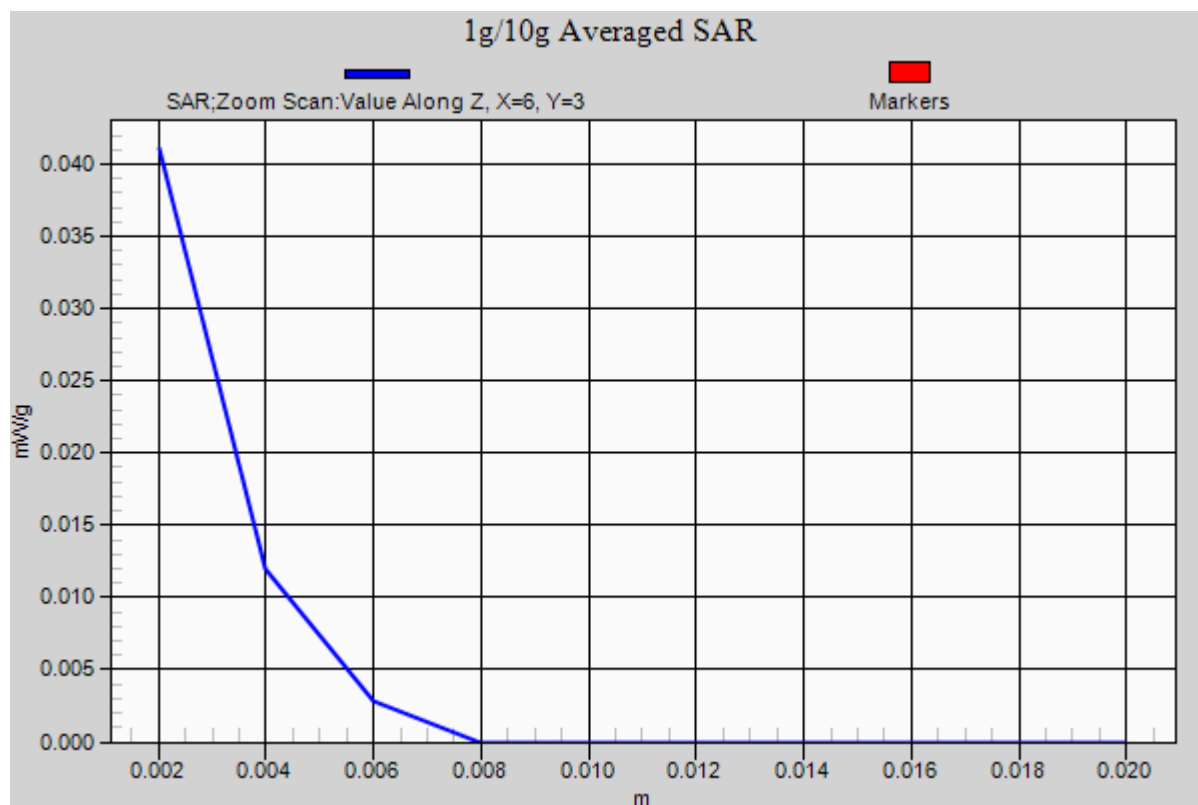
Ch140/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.273 V/m ; Power Drift = -0.147 dB

Peak SAR (extrapolated) = 0.245 mW/g

SAR(1 g) = 0.022 mW/g ; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.0411 mW/g



#31_WLAN5G_802.11a_Left Tilted_Ch140**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121102 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.305$ mho/m; $\epsilon_r = 34.582$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch140/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0633 mW/g

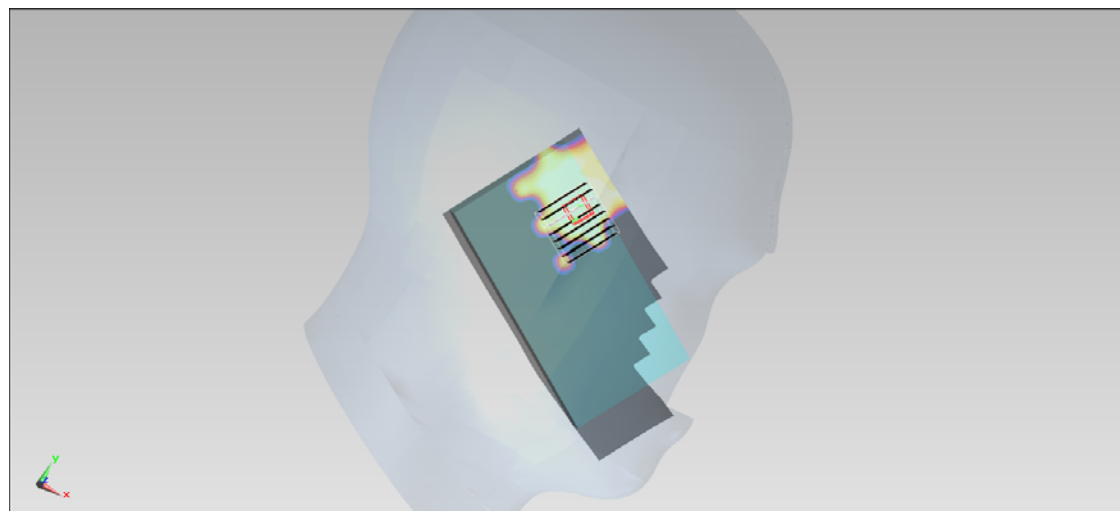
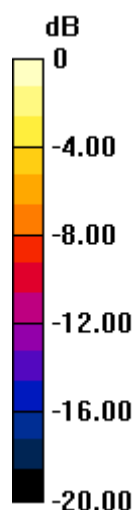
Ch140/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.105 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.256 mW/g

SAR(1 g) = 0.00122 mW/g; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.0313 mW/g



0 dB = 0.0313 mW/g = -30.09 dB mW/g

#32_WLAN5G_802.11a_Right Cheek_Ch153**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121110 Medium parameters used: $f = 5765$ MHz; $\sigma = 5.401$ mho/m; $\epsilon_r = 34.443$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch153/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0395 W/kg

Ch153/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 0.0680 W/kg

SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0308 W/kg



0 dB = 0.0308 W/kg = -15.11 dBW/kg

#33_WLAN5G_802.11a_Right Tilted_Ch153**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121110 Medium parameters used: $f = 5765$ MHz; $\sigma = 5.401$ mho/m; $\epsilon_r = 34.443$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Ch153/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0494 W/kg

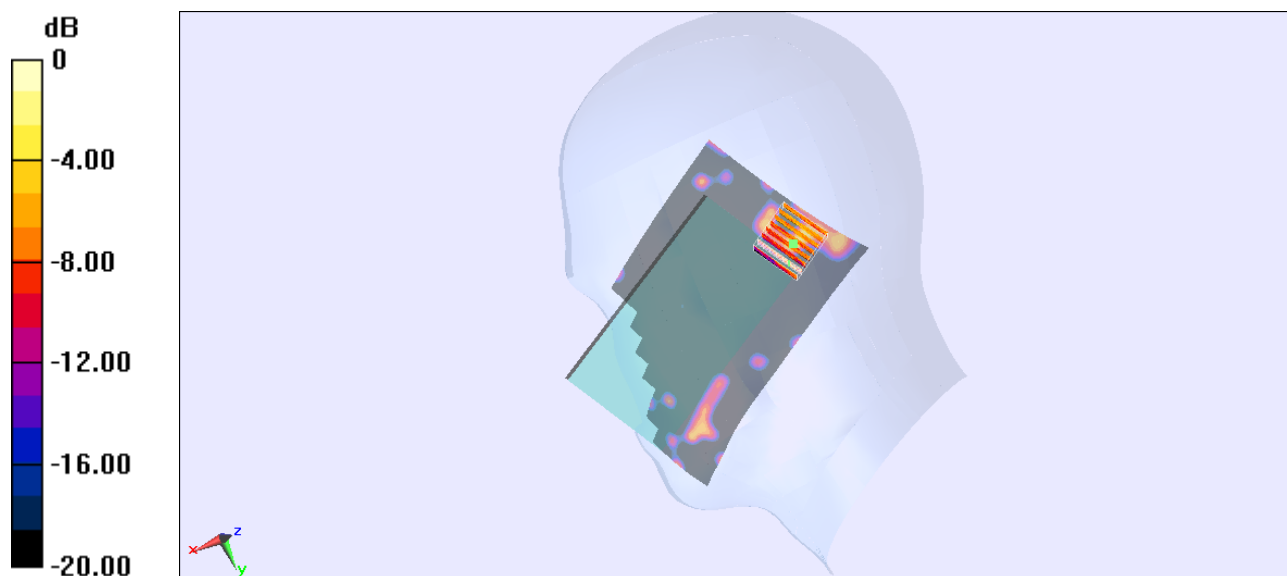
Ch153/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.663 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0 W/kg

SAR(1 g) = n.a. ; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.0928 W/kg



0 dB = 0.0928 W/kg = -10.32 dBW/kg

#34_WLAN5G_802.11a_Left Cheek_Ch153**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121102 Medium parameters used: $f = 5765$ MHz; $\sigma = 5.374$ mho/m; $\epsilon_r = 34.512$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.48, 4.48, 4.48); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch153/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0831 mW/g

Ch153/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.274 mW/g

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00838 mW/g

Maximum value of SAR (measured) = 0.0542 mW/g

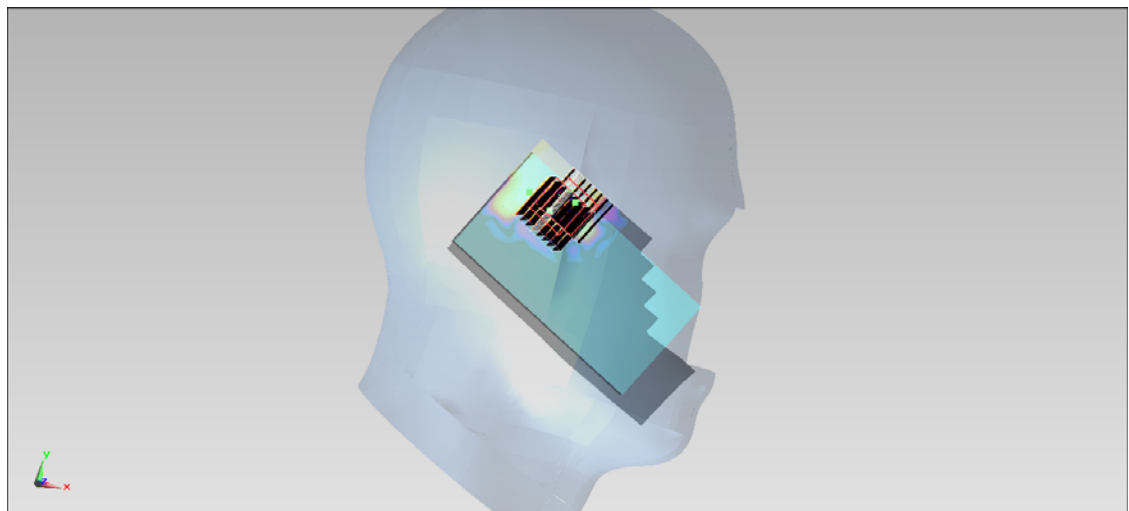
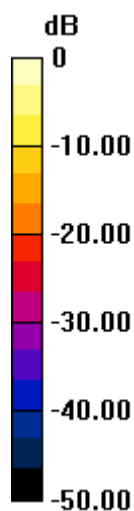
Ch153/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.269 mW/g

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.00831 mW/g

Maximum value of SAR (measured) = 0.0564 mW/g



0 dB = 0.0564 mW/g = -24.97 dB mW/g

#34_WLAN5G_802.11a_Left Cheek_Ch153_2D**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121102 Medium parameters used: $f = 5765$ MHz; $\sigma = 5.374$ mho/m; $\epsilon_r = 34.512$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.48, 4.48, 4.48); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch153/Area Scan (81x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0831 mW/g

Ch153/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.274 mW/g

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00838 mW/g

Maximum value of SAR (measured) = 0.0542 mW/g

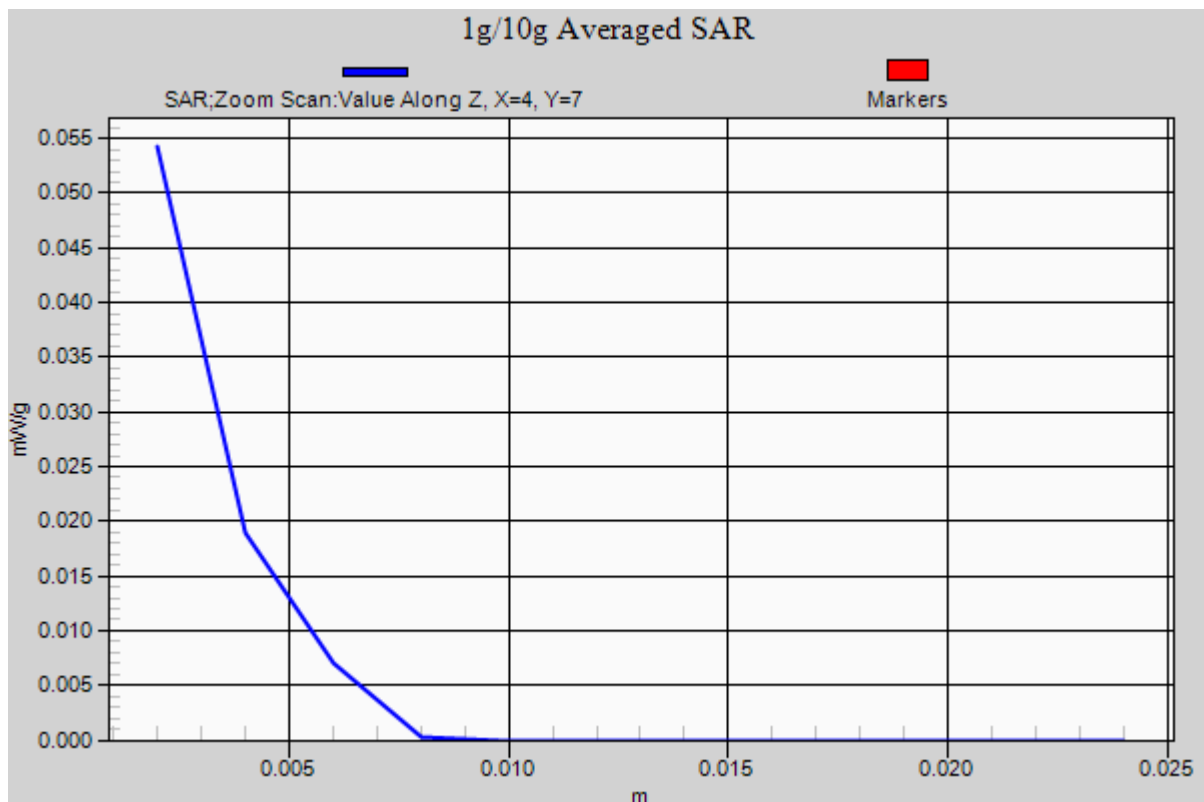
Ch153/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.269 mW/g

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.00831 mW/g

Maximum value of SAR (measured) = 0.0564 mW/g



#35_WLAN5G_802.11a_Left Tilted_Ch153**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: HSL_5G_121102 Medium parameters used: $f = 5765$ MHz; $\sigma = 5.374$ mho/m; $\epsilon_r = 34.512$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.4°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.48, 4.48, 4.48); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch153/Area Scan (101x161x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.0753 mW/g

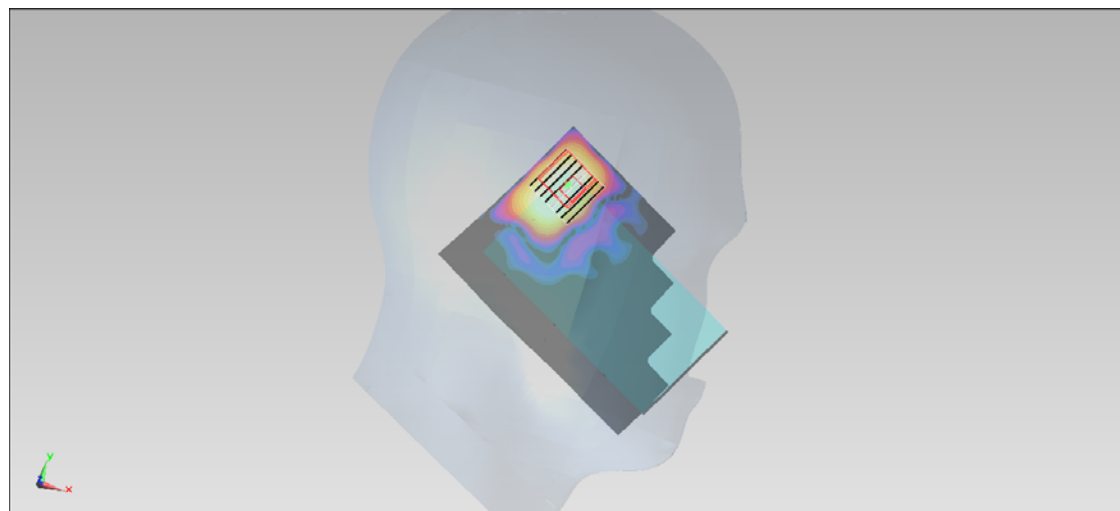
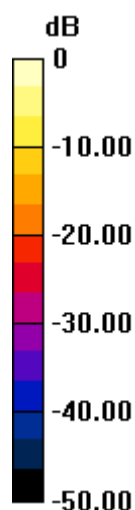
Ch153/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0.641 V/m ; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 0.117 mW/g

SAR(1 g) = 0.00657 mW/g ; SAR(10 g) = 0.000999 mW/g

Maximum value of SAR (measured) = 0.0261 mW/g



0 dB = 0.0261 mW/g = -31.67 dB mW/g

#95_GSM850_GPRS (2 Tx slot)_Front_1cm_Ch128**DUT: 201604**

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

Medium: MSL_850_121024 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.944$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.288 mW/g

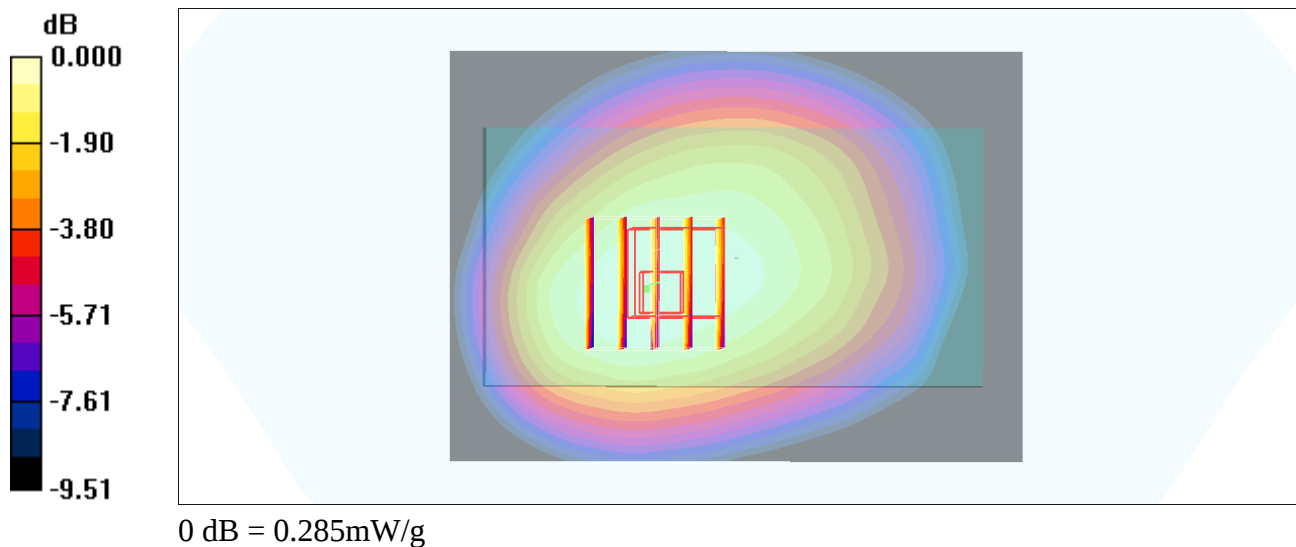
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 0.285 mW/g



#96_GSM850_GPRS (2 Tx slot)_Back_1cm_Ch128**DUT: 201604**

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

Medium: MSL_850_121024 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.944$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.670 mW/g

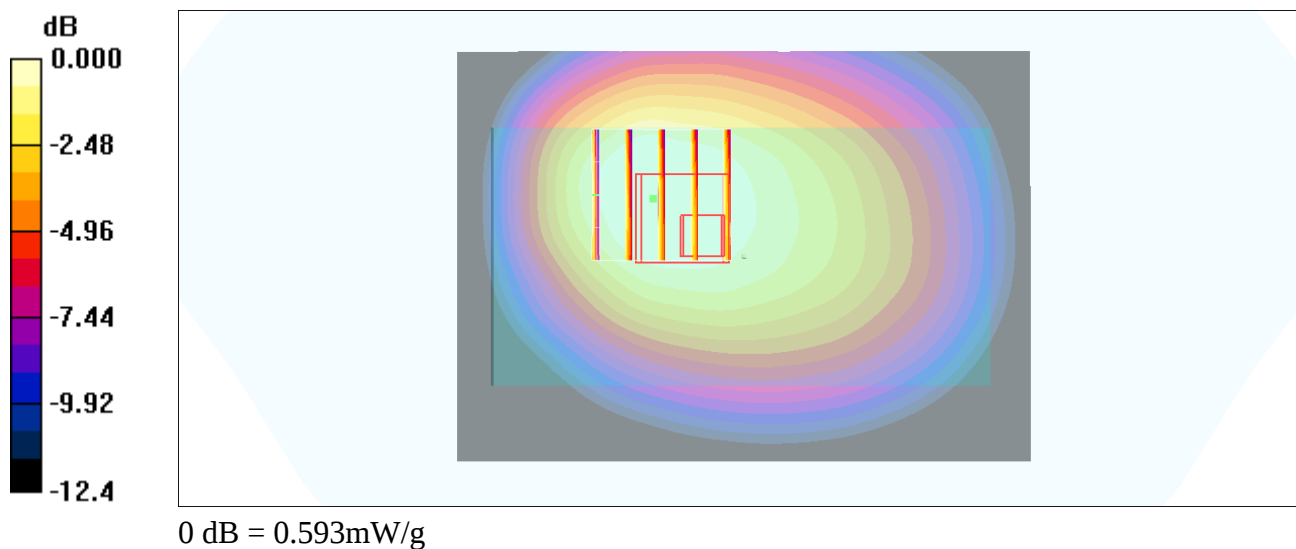
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.5 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.909 W/kg

SAR(1 g) = 0.566 mW/g; SAR(10 g) = 0.393 mW/g

Maximum value of SAR (measured) = 0.593 mW/g



#96_GSM850_GPRS (2 Tx slot)_Back_1cm_Ch128_2D**DUT: 201604**

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

Medium: MSL_850_121024 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.944$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.670 mW/g

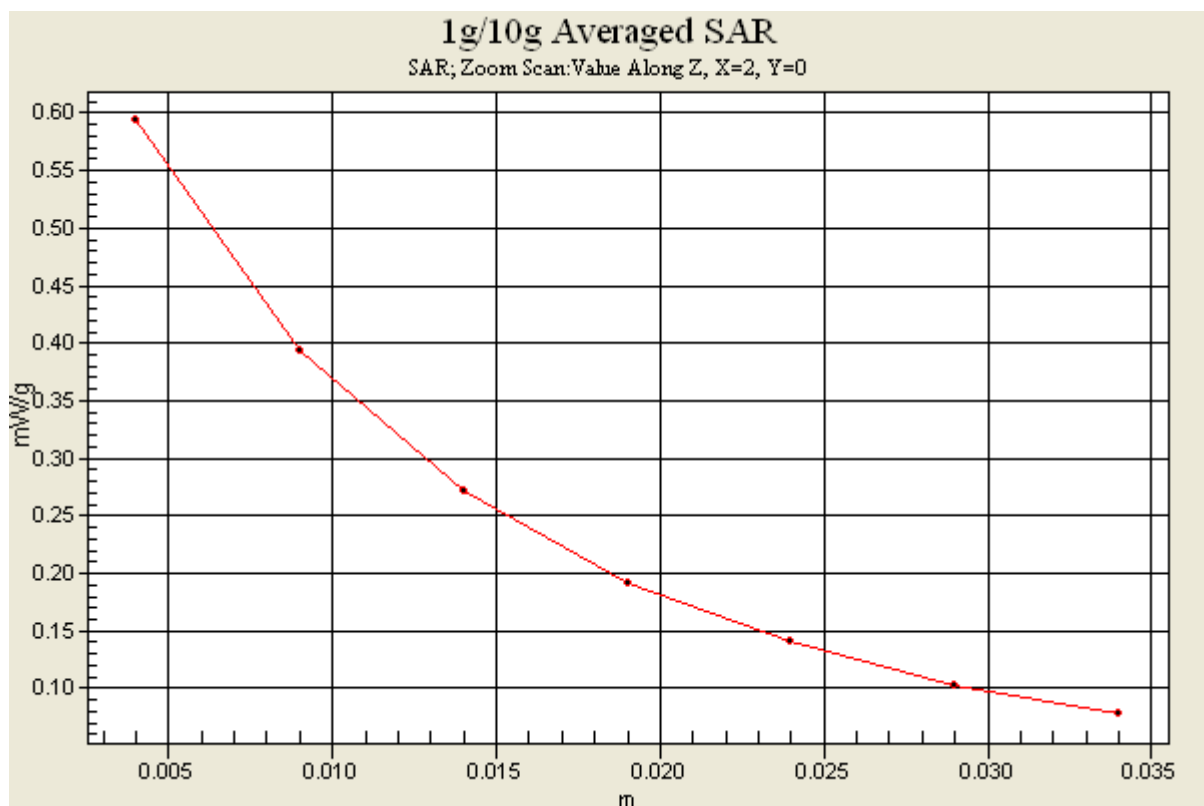
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.5 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.909 W/kg

SAR(1 g) = 0.566 mW/g; SAR(10 g) = 0.393 mW/g

Maximum value of SAR (measured) = 0.593 mW/g



#97_GSM850_GPRS (2 Tx slot)_Left Side_1cm_Ch128**DUT: 201604**

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

Medium: MSL_850_121024 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.944$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (31x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.209 mW/g

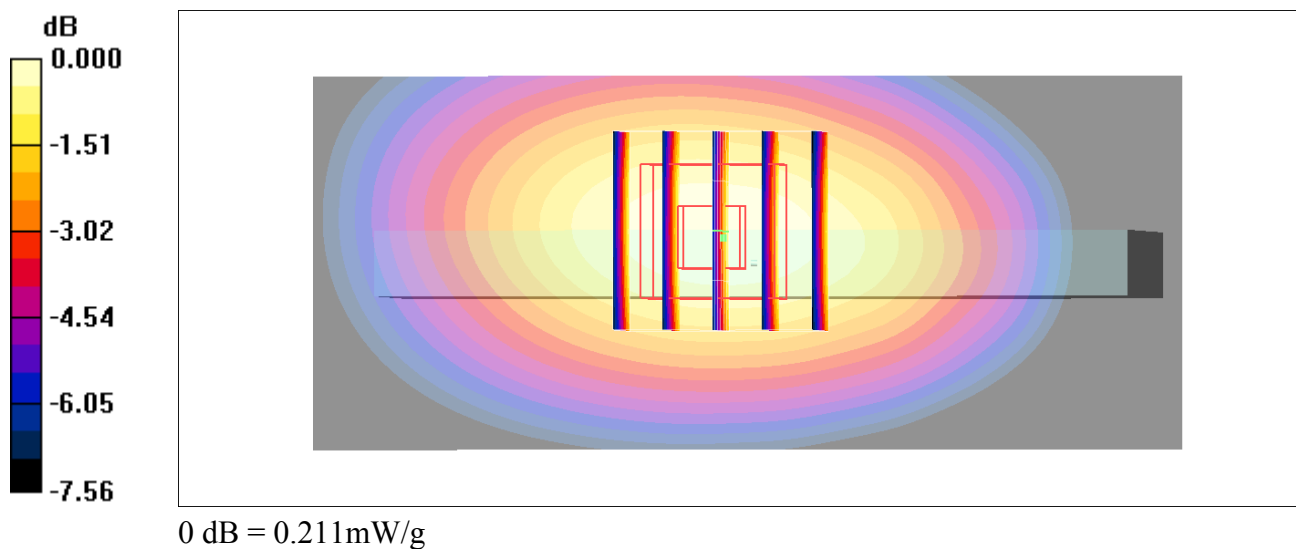
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.4 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.248 W/kg

SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.147 mW/g

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



#98_GSM850_GPRS (2 Tx slot)_Right Side_1cm_Ch128**DUT: 201604**

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

Medium: MSL_850_121024 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.944$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (31x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.393 mW/g

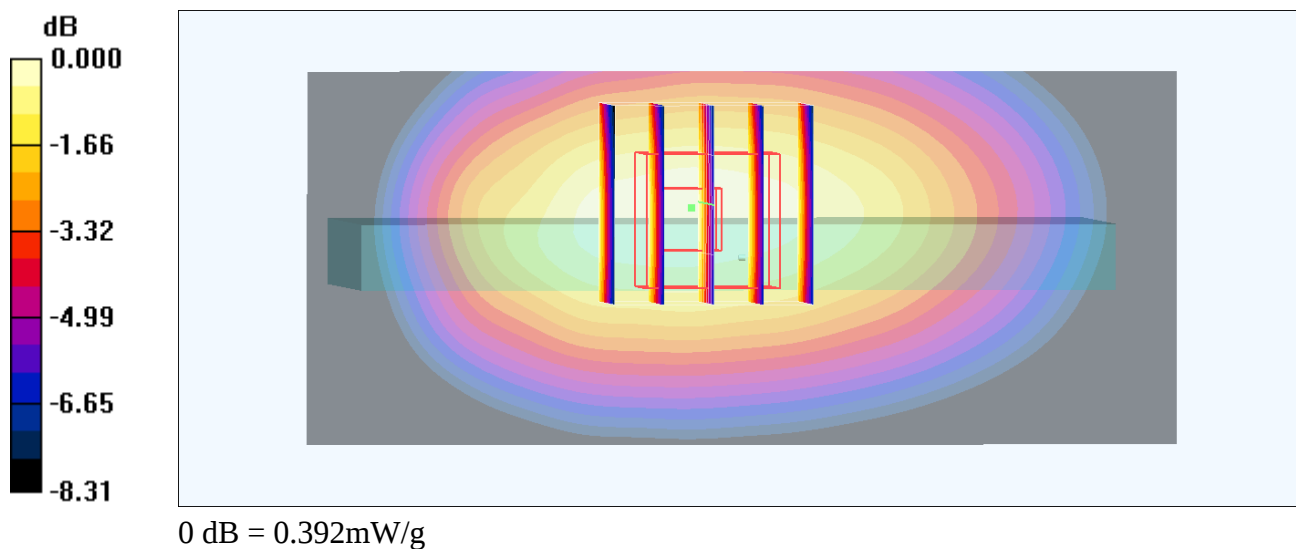
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.5 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.485 W/kg

SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.392 mW/g



#99_GSM850_GPRS (2 Tx slot)_Bottom Side_1cm_Ch128

DUT: 201604

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

Medium: MSL_850_121024 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.944$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.148 mW/g

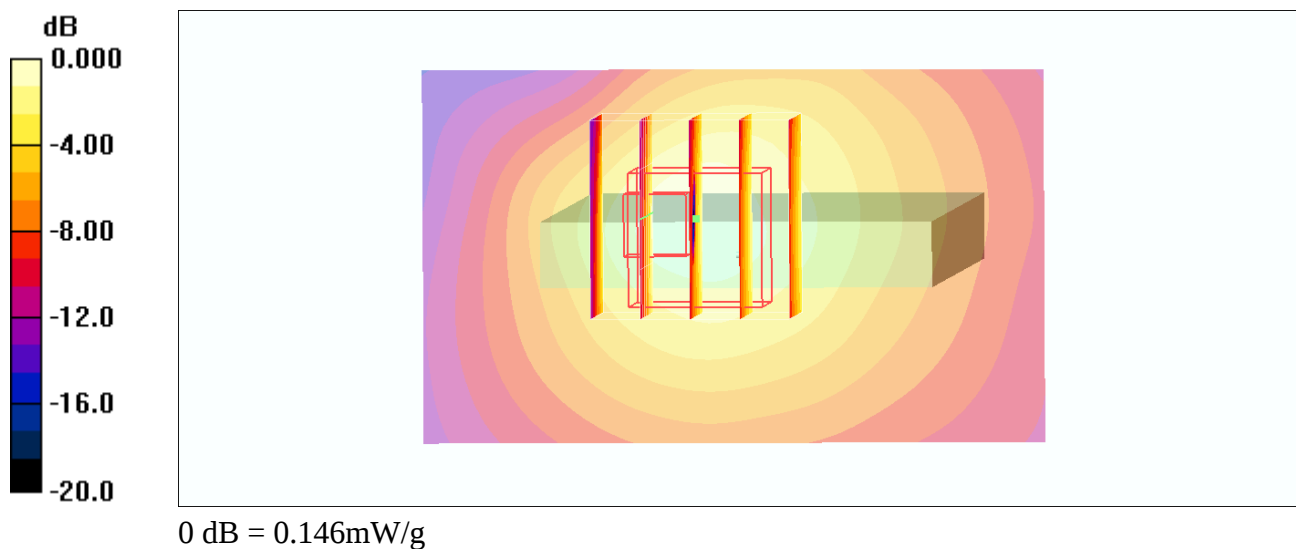
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.077 mW/g

Maximum value of SAR (measured) = 0.146 mW/g



#100_GSM850_GSM Voice_Back_1cm_Ch128;Headset**DUT: 201604**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: MSL_850_121024 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.944$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (41x71x1): Measurement grid: dx=20mm, dy=20mm

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

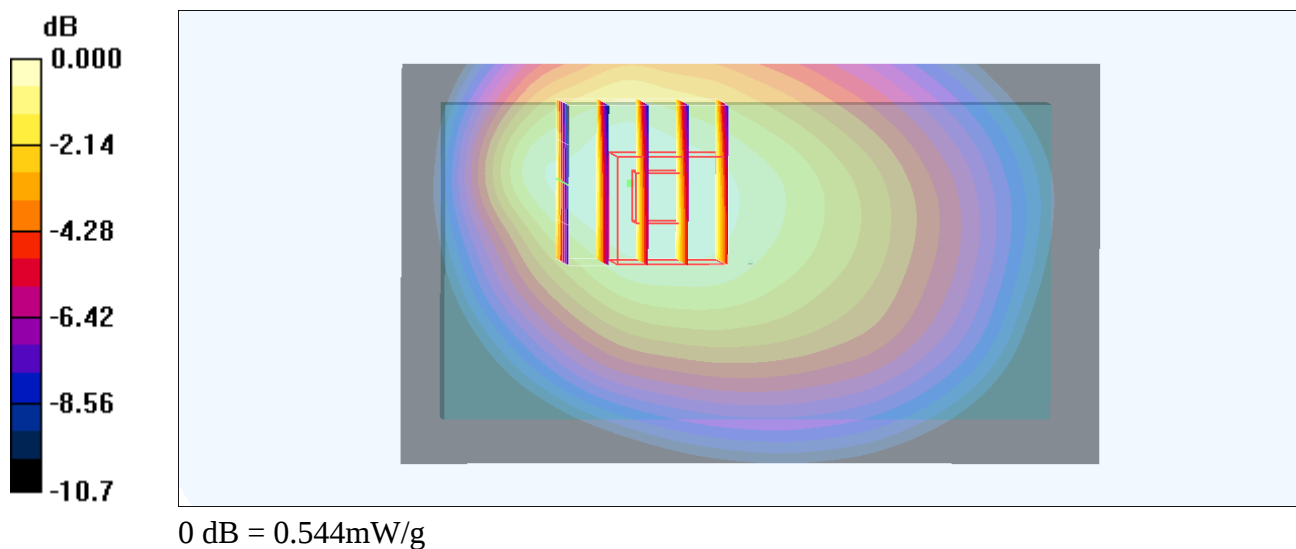
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 0.775 W/kg

SAR(1 g) = 0.502 mW/g; SAR(10 g) = 0.387 mW/g

Maximum value of SAR (measured) = 0.544 mW/g



#78_GSM1900_GPRS (4 Tx slot)_Front_1cm_Ch512**DUT: 201604**

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

Medium: MSL_1900_121023 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.416 mW/g

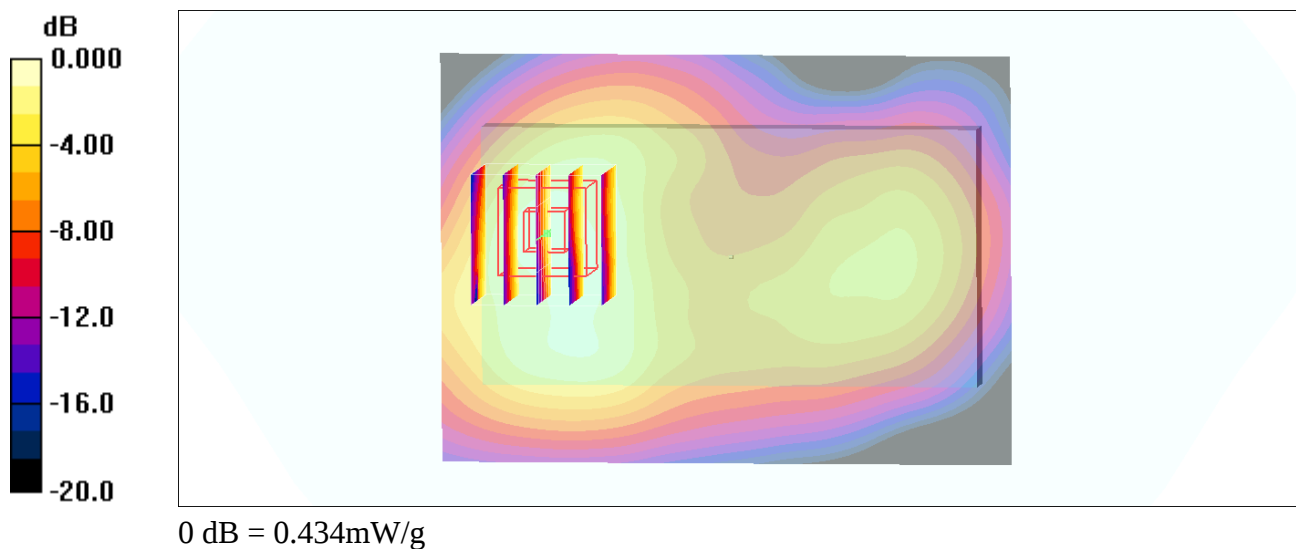
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.31 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.612 W/kg

SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.222 mW/g

Maximum value of SAR (measured) = 0.434 mW/g



#79_GSM1900_GPRS (4 Tx slot)_Back_1cm_Ch512**DUT: 201604**

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

Medium: MSL_1900_121023 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.629 mW/g

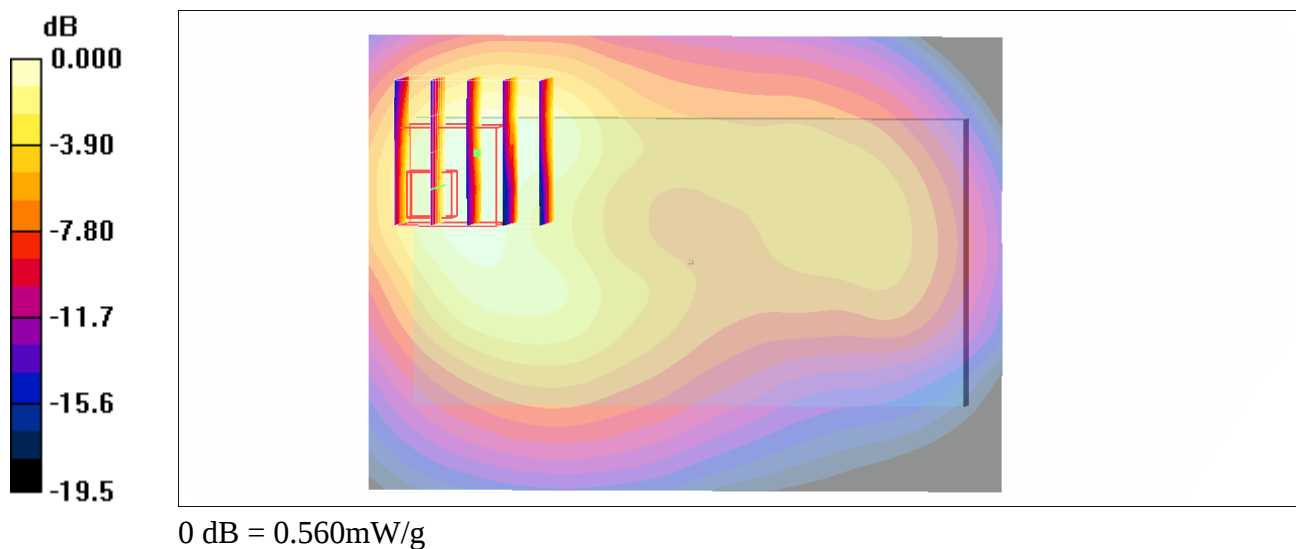
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.70 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.808 W/kg

SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.265 mW/g

Maximum value of SAR (measured) = 0.560 mW/g



#79_GSM1900_GPRS (4 Tx slot)_Back_1cm_Ch512_2D**DUT: 201604**

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

Medium: MSL_1900_121023 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.629 mW/g

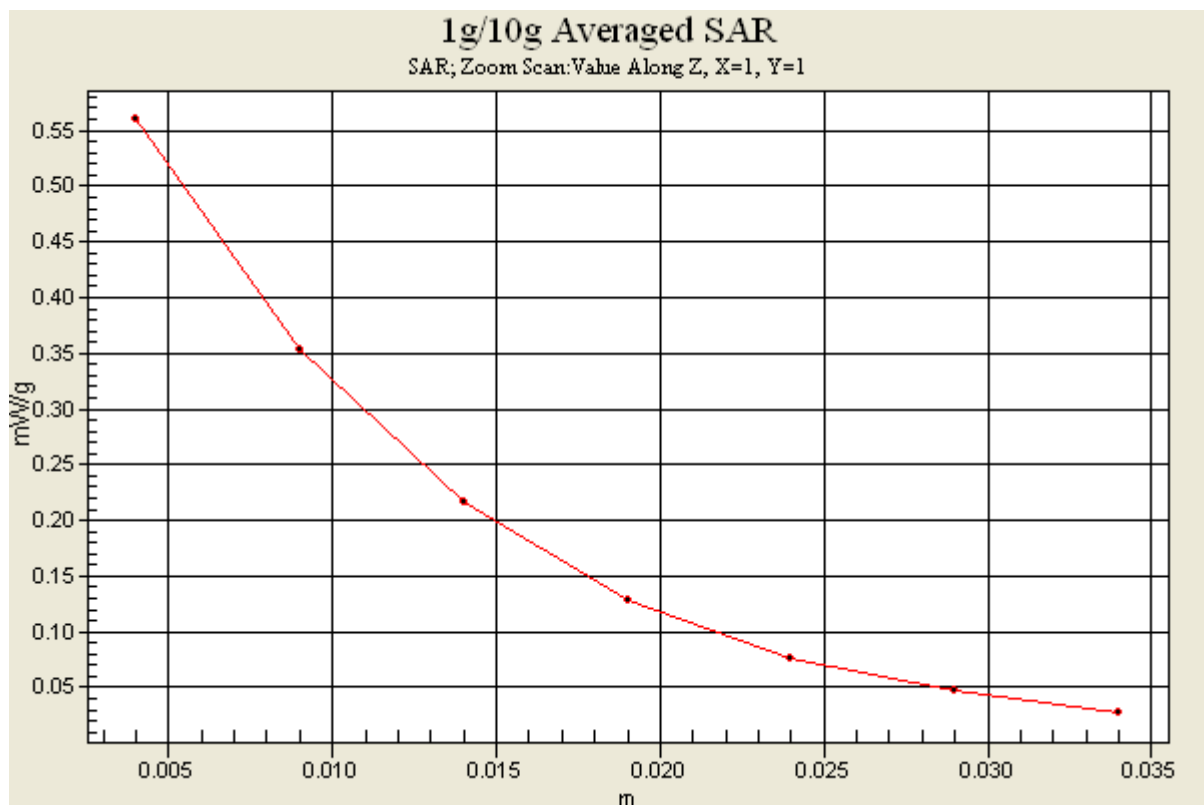
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.70 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.808 W/kg

SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.265 mW/g

Maximum value of SAR (measured) = 0.560 mW/g



#80_GSM1900_GPRS (4 Tx slot)_Left Side_1cm_Ch512**DUT: 201604**

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

Medium: MSL_1900_121023 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (31x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.059 mW/g

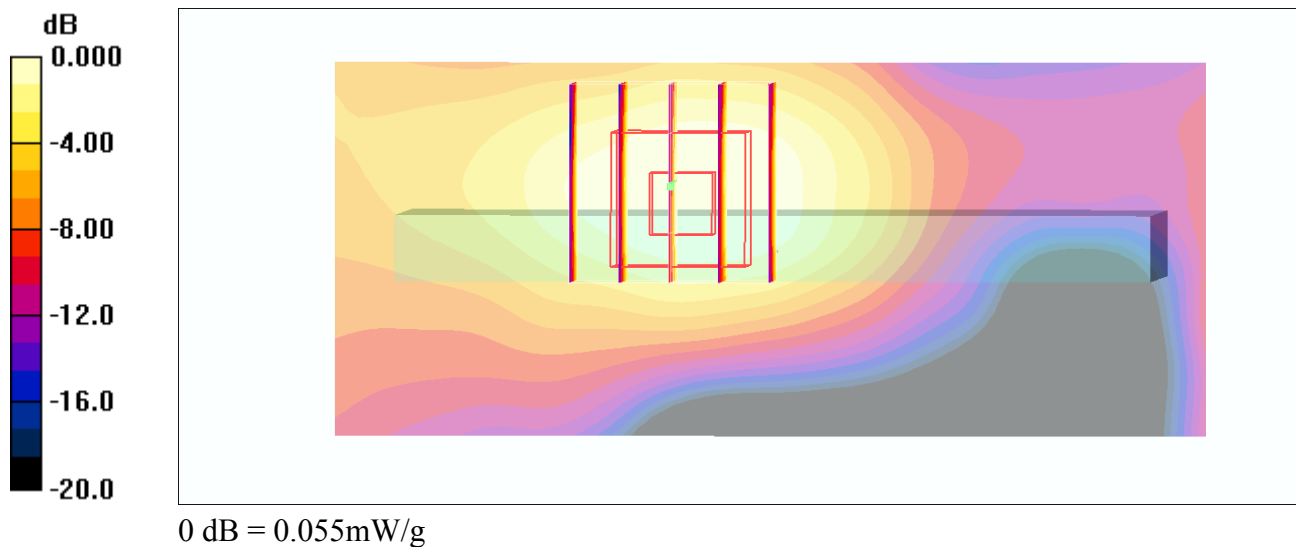
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.52 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.077 W/kg

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.031 mW/g

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



#81_GSM1900_GPRS (4 Tx slot)_Right Side_1cm_Ch512**DUT: 201604**

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

Medium: MSL_1900_121023 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (31x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.185 mW/g

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

Reference Value = 8.38 V/m; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.185 mW/g

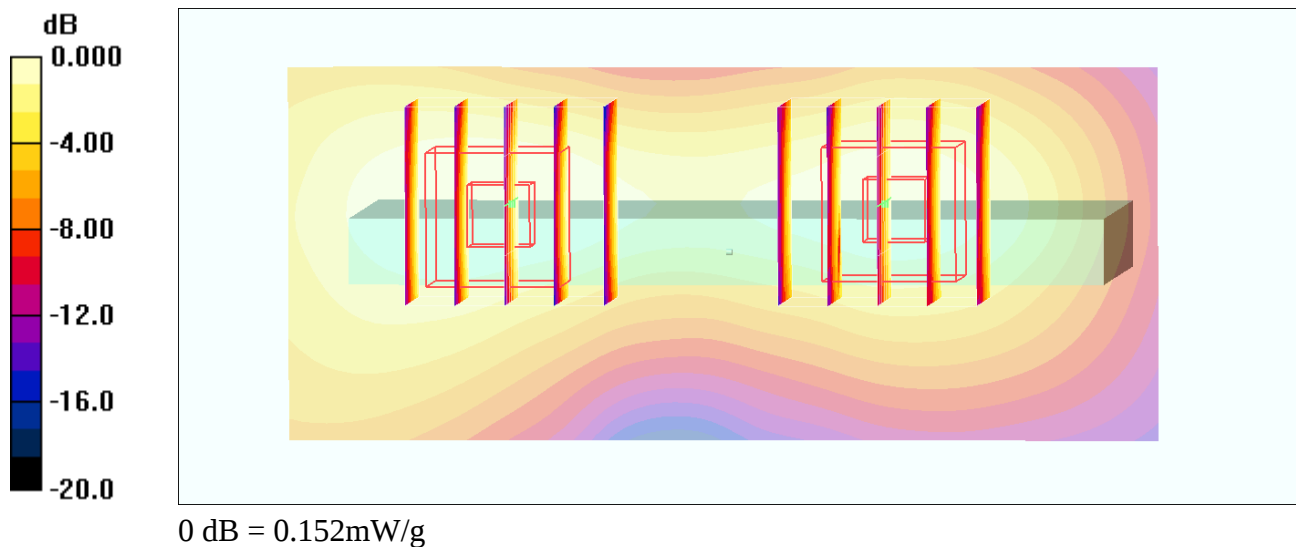
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.38 V/m; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 0.152 mW/g



#82_GSM1900_GPRS (4 Tx slot)_Bottom Side_1cm_Ch512**DUT: 201604**

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

Medium: MSL_1900_121023 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.417 mW/g

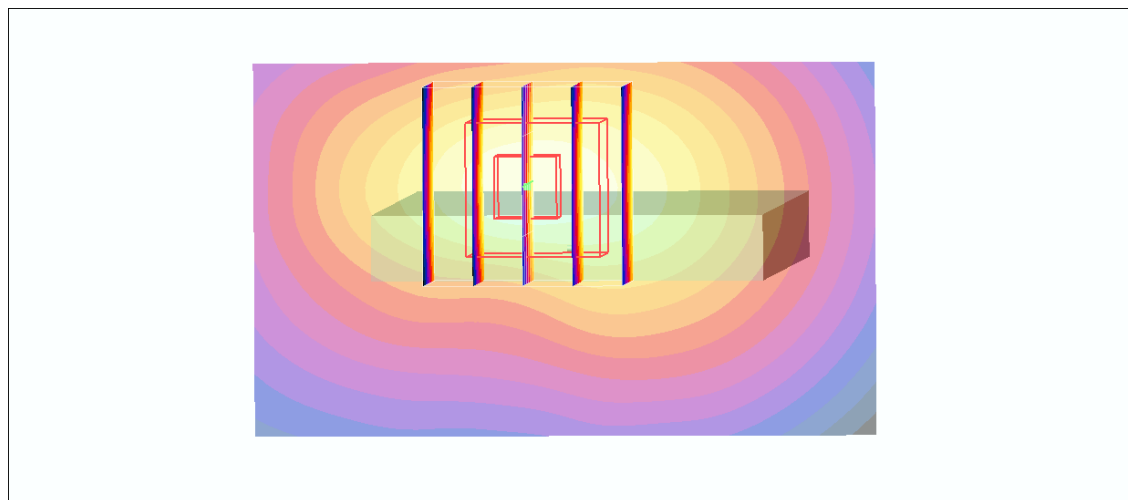
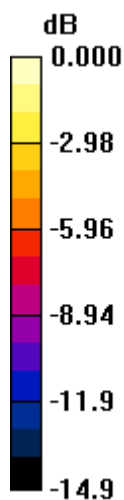
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.7 V/m; Power Drift = 0.128 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.220 mW/g

Maximum value of SAR (measured) = 0.406 mW/g



0 dB = 0.406mW/g

#84_GSM1900_GSM Voice_Back_1cm_Ch512;Headset**DUT: 201604**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900_121023 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.554 mW/g

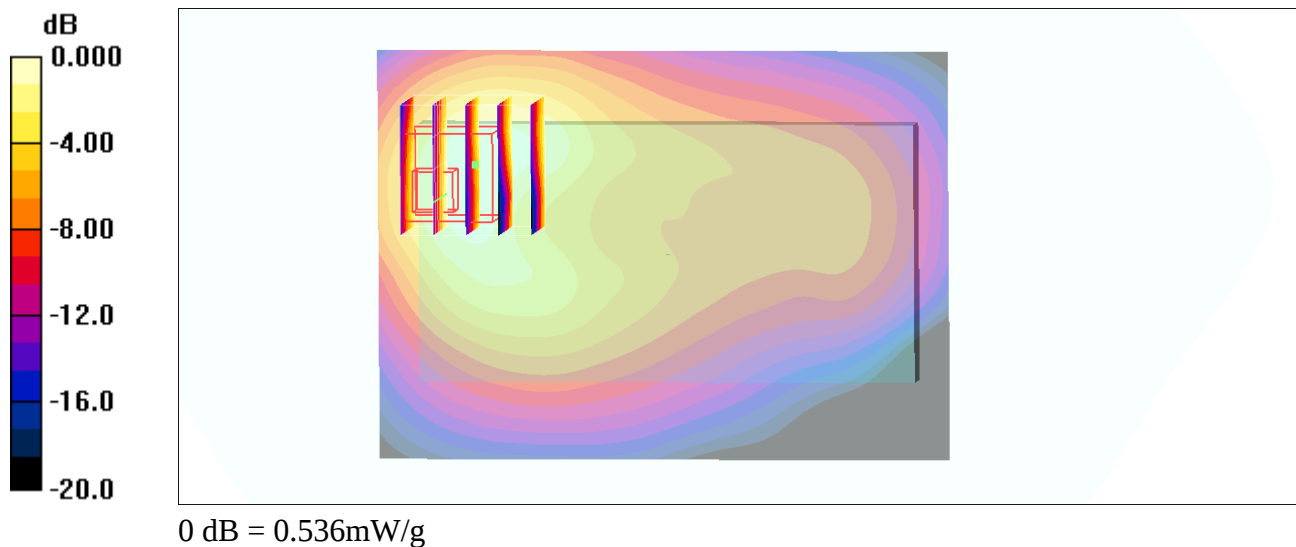
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.63 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 0.759 W/kg

SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.239 mW/g

Maximum value of SAR (measured) = 0.536 mW/g



#101_WCDMA V_RMC12.2K_Front_1cm_Ch4182**DUT: 201604**

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

Medium: MSL_850_121024 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.957$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.282 mW/g

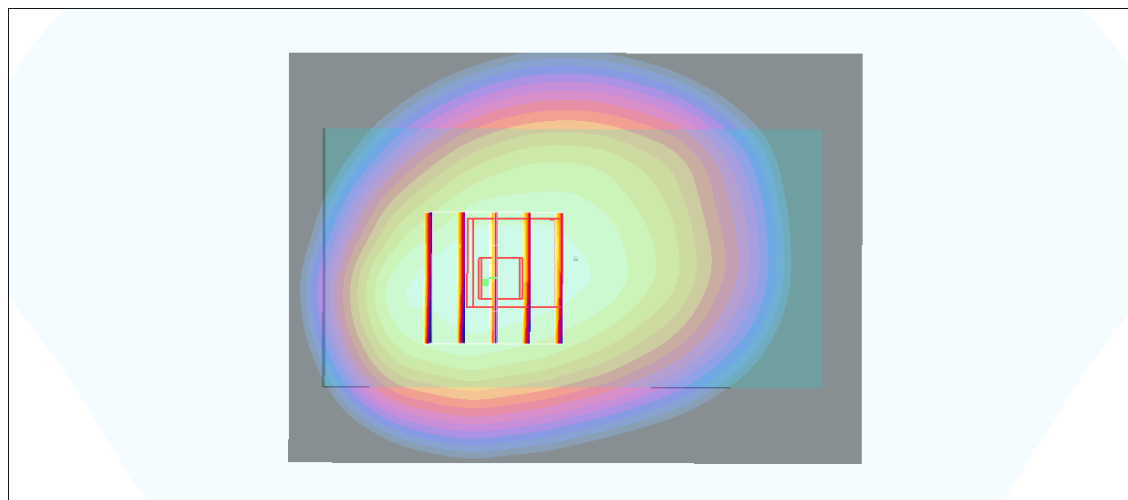
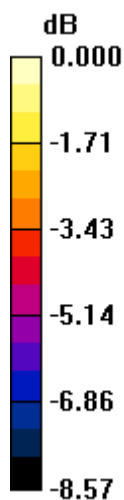
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.9 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.326 W/kg

SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.214 mW/g

Maximum value of SAR (measured) = 0.281 mW/g



0 dB = 0.281mW/g

#102_WCDMA V_RMC12.2K_Back_1cm_Ch4182**DUT: 201604**

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

Medium: MSL_850_121024 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.957$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.561 mW/g

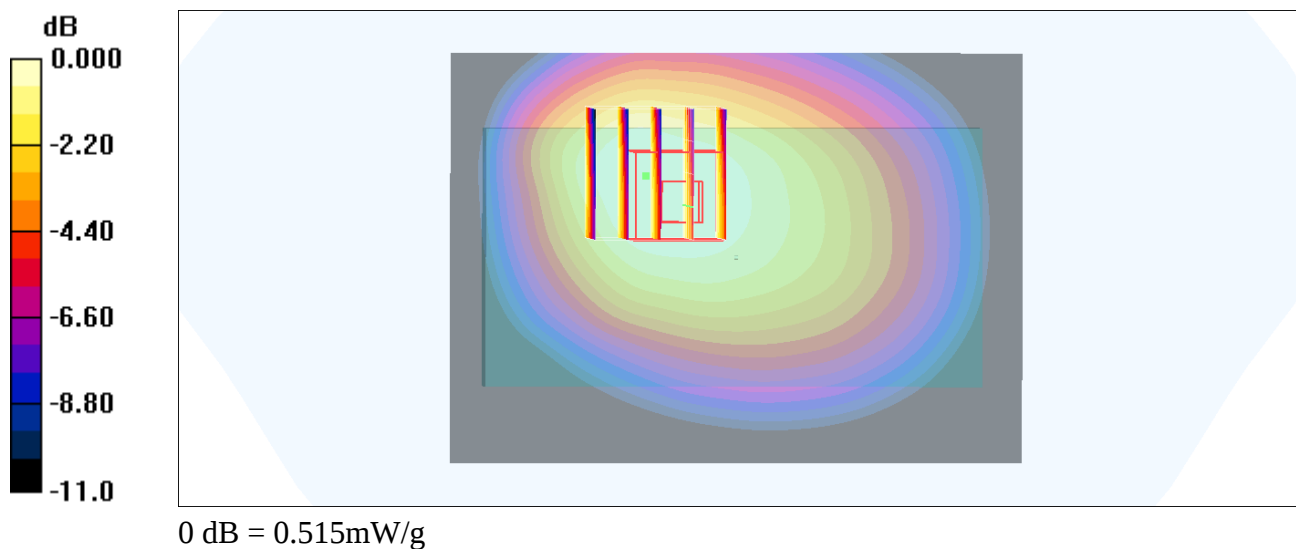
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.706 W/kg

SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.378 mW/g

Maximum value of SAR (measured) = 0.515 mW/g



#102_WCDMA V_RMC12.2K_Back_1cm_Ch4182_2D**DUT: 201604**

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

Medium: MSL_850_121024 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.957$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.561 mW/g

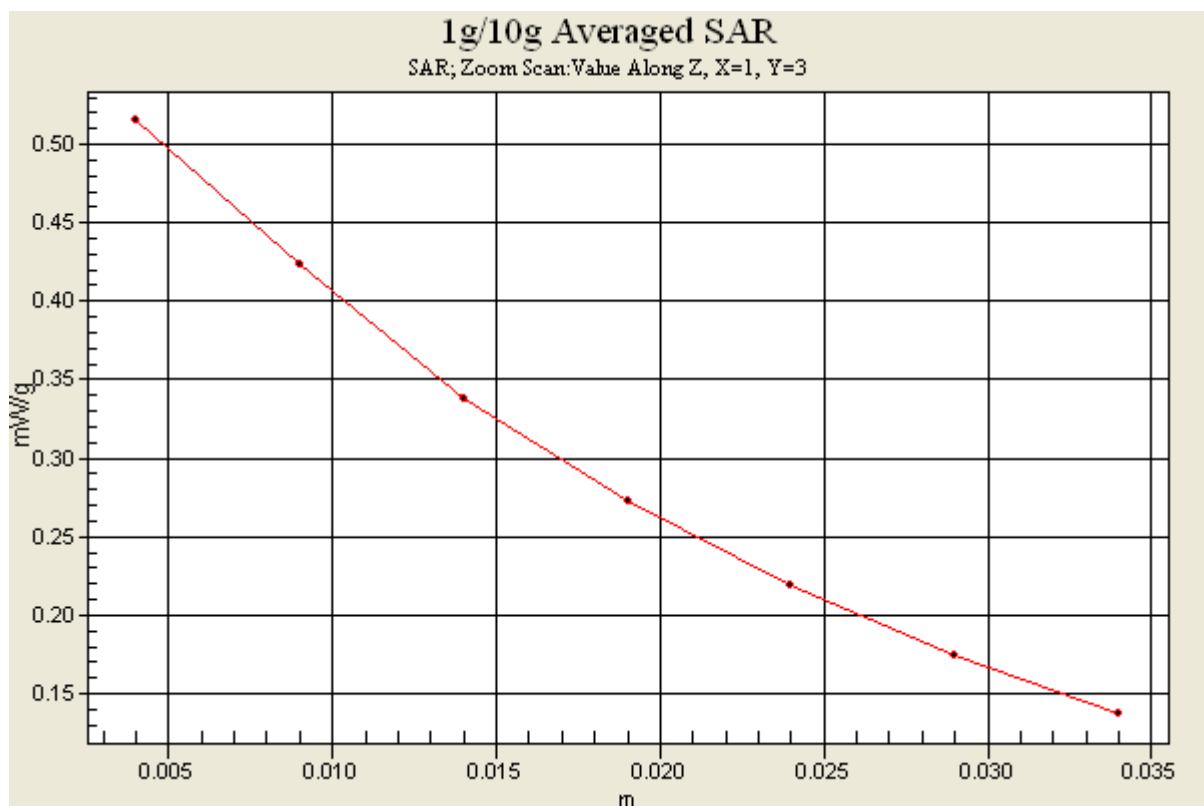
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.706 W/kg

SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.378 mW/g

Maximum value of SAR (measured) = 0.515 mW/g



#103_WCDMA V_RMC12.2K_Left Side_1cm_Ch4182**DUT: 201604**

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

Medium: MSL_850_121024 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.957$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (31x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.212 mW/g

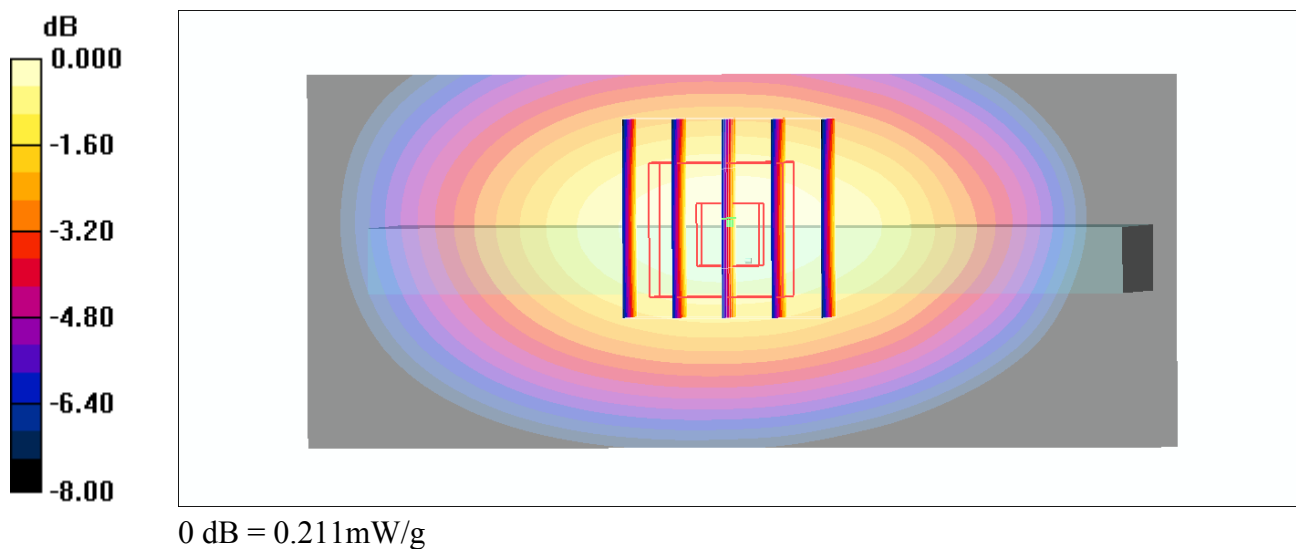
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 0.262 W/kg

SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.145 mW/g

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



#104_WCDMA V_RMC12.2K_Right Side_1cm_Ch4182**DUT: 201604**

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

Medium: MSL_850_121024 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.957$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (31x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.345 mW/g

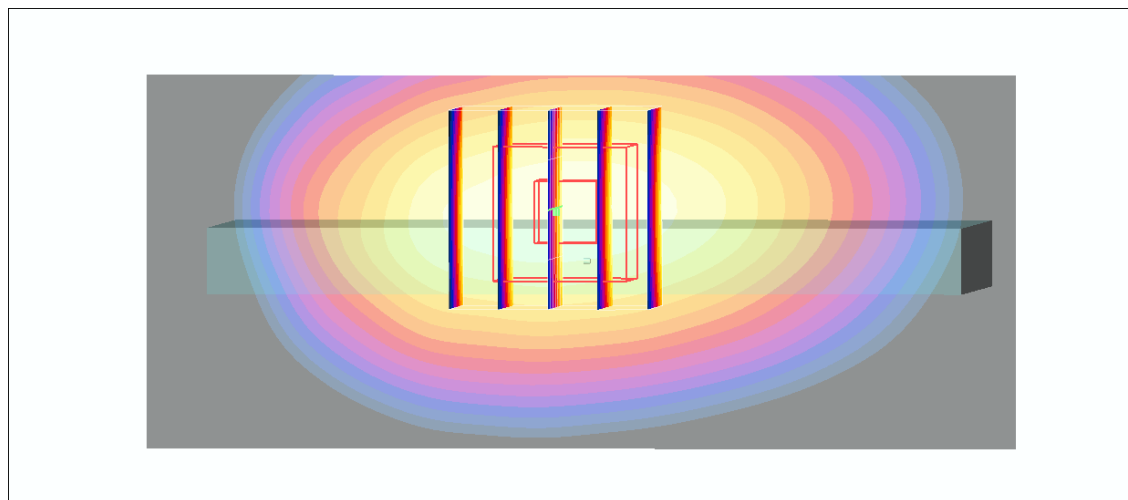
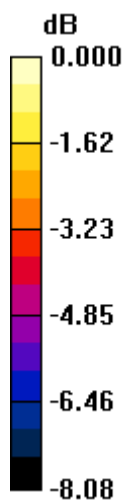
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.9 V/m; Power Drift = 0.088 dB

Peak SAR (extrapolated) = 0.432 W/kg

SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.237 mW/g

Maximum value of SAR (measured) = 0.344 mW/g



0 dB = 0.344mW/g

#105_WCDMA V_RMC12.2K_Bottom Side_1cm_Ch4182**DUT: 201604**

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

Medium: MSL_850_121024 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.957$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.118 mW/g

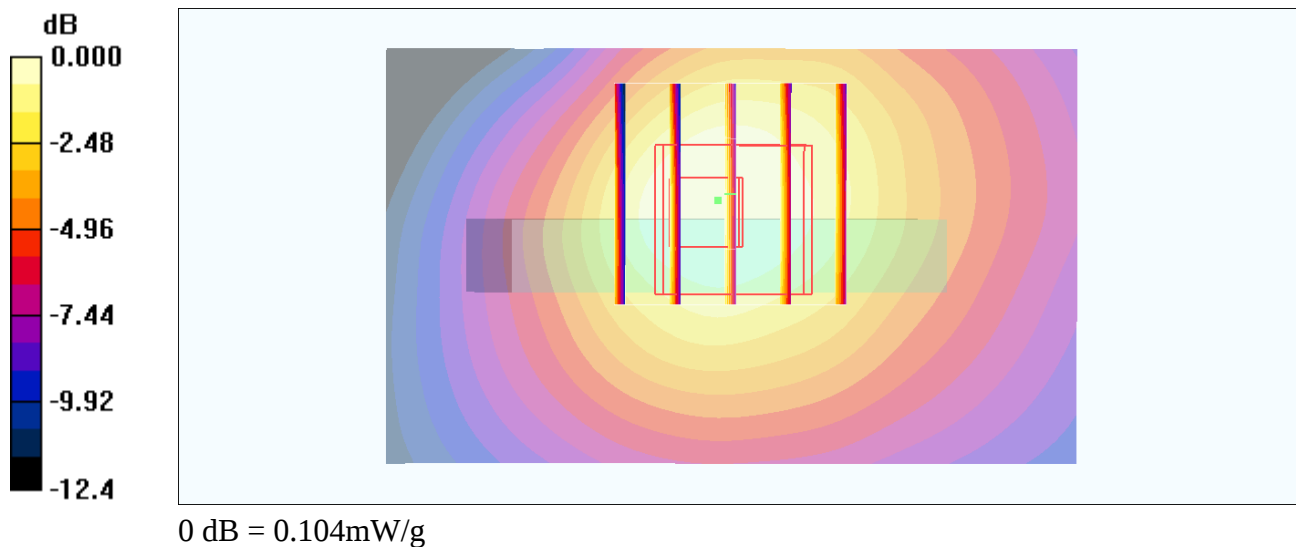
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.104 mW/g



#106_WCDMA V_RMC12.2K_Back_1cm_Ch4182;Headset**DUT: 201604**

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

Medium: MSL_850_121024 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.957$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

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

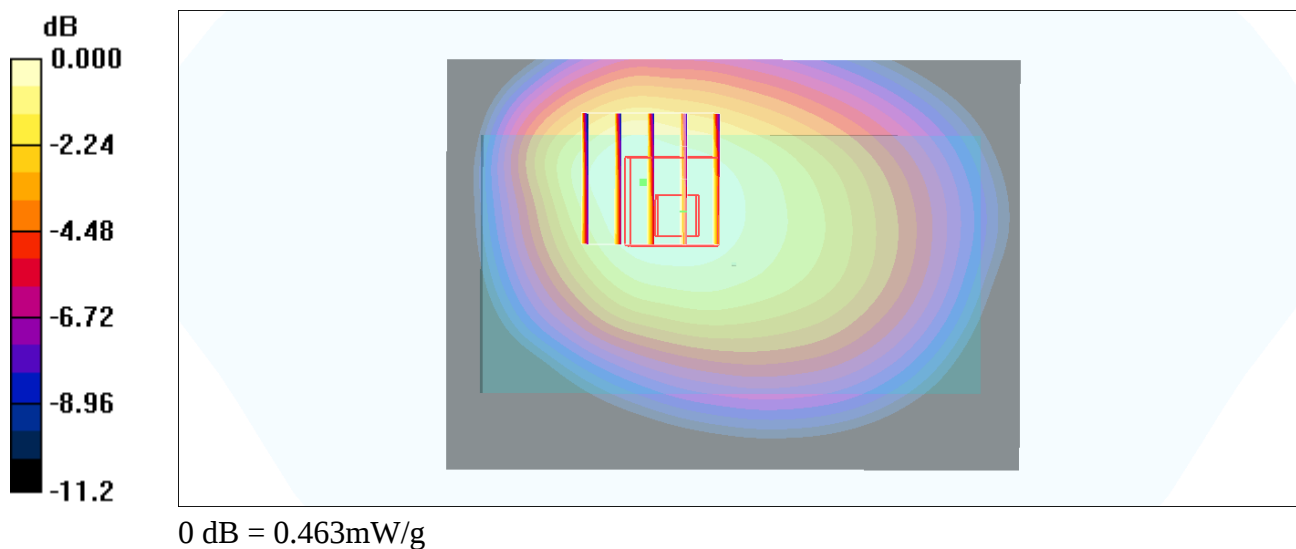
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.4 V/m; Power Drift = 0.107 dB

Peak SAR (extrapolated) = 0.645 W/kg

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.338 mW/g

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



#85_WCDMA II_RMC12.2K_Front_1cm_Ch9262**DUT: 201604**

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

Medium: MSL_1900_121023 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.742 mW/g

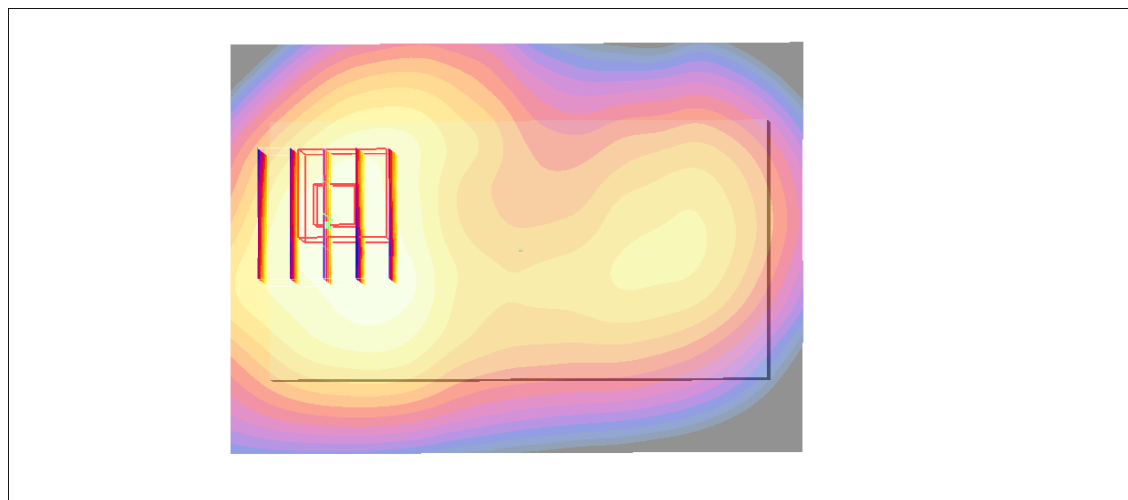
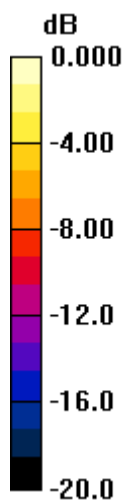
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 0.992 W/kg

SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.362 mW/g

Maximum value of SAR (measured) = 0.679 mW/g



0 dB = 0.679mW/g

#86_WCDMA II_RMC12.2K_Back_1cm_Ch9262**DUT: 201604**

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

Medium: MSL_1900_121023 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

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

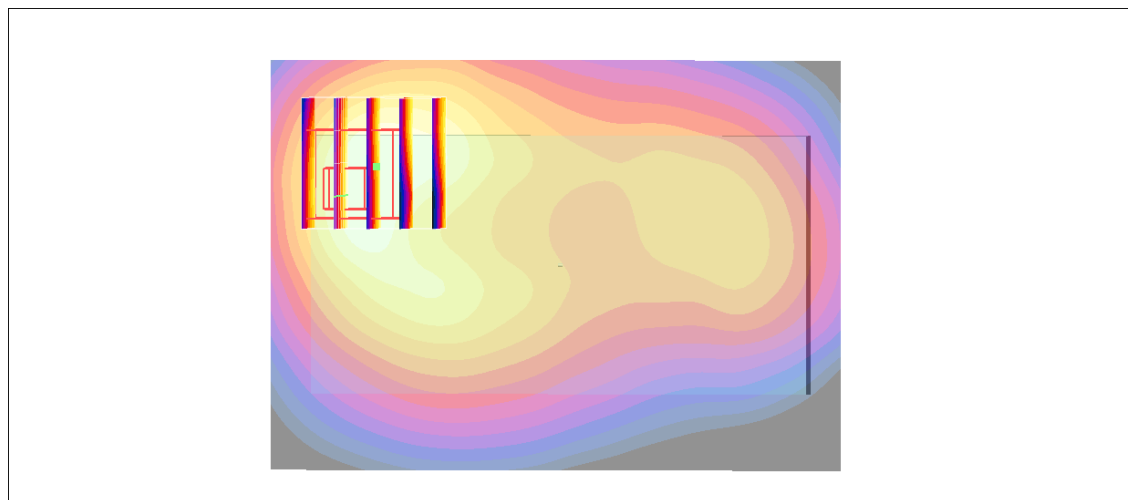
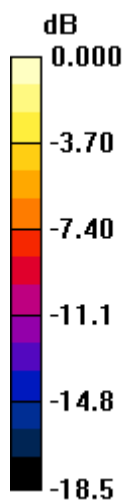
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.840 mW/g; SAR(10 g) = 0.459 mW/g

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



0 dB = 0.982mW/g

#86_WCDMA II_RMC12.2K_Back_1cm_Ch9262_2D**DUT: 201604**

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

Medium: MSL_1900_121023 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

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

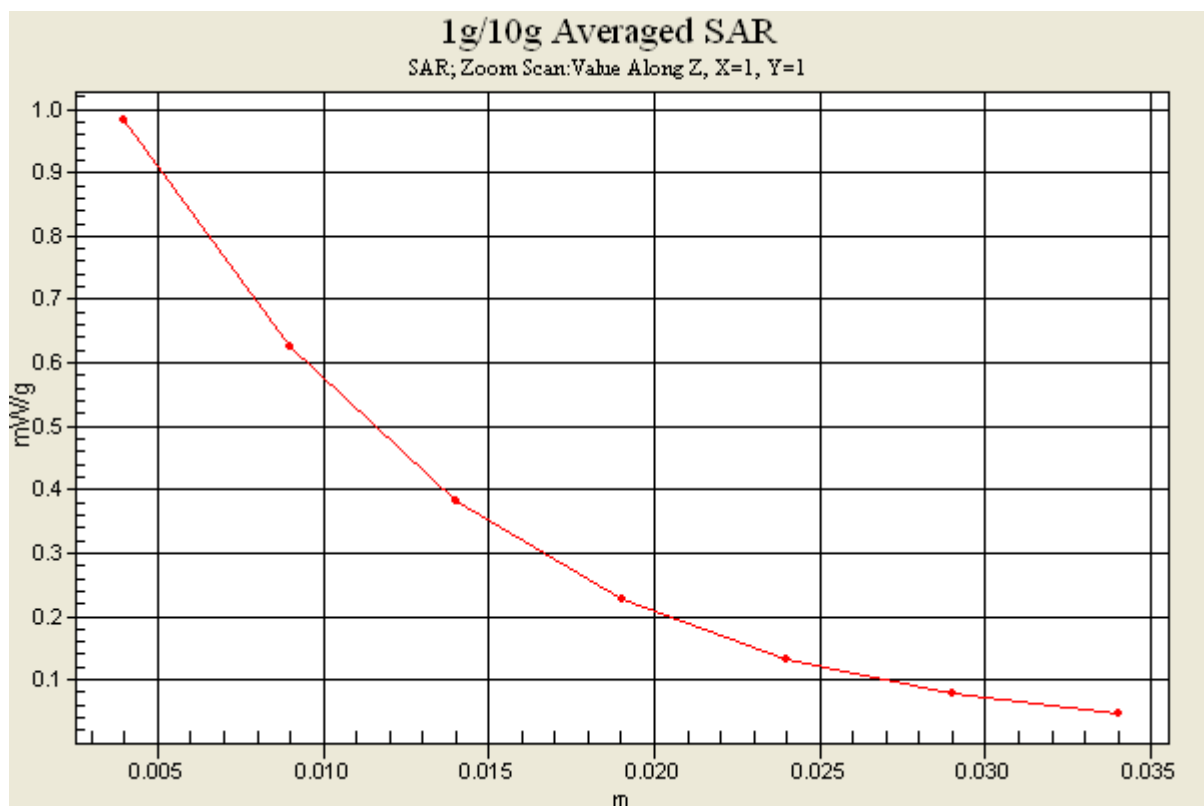
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.840 mW/g; SAR(10 g) = 0.459 mW/g

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



#91_WCDMA II_RMC12.2K_Back_1cm_Ch9400**DUT: 201604**

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

Medium: MSL_1900_121023 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

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

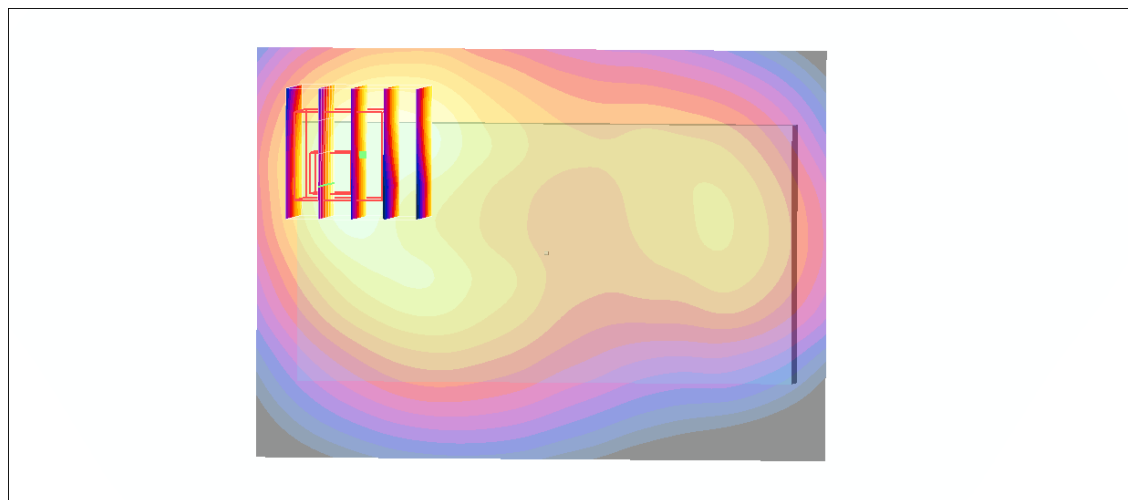
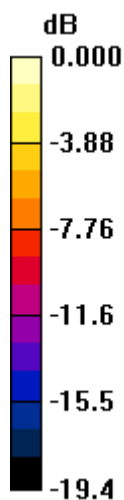
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.1 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.779 mW/g; SAR(10 g) = 0.426 mW/g

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



0 dB = 0.915mW/g

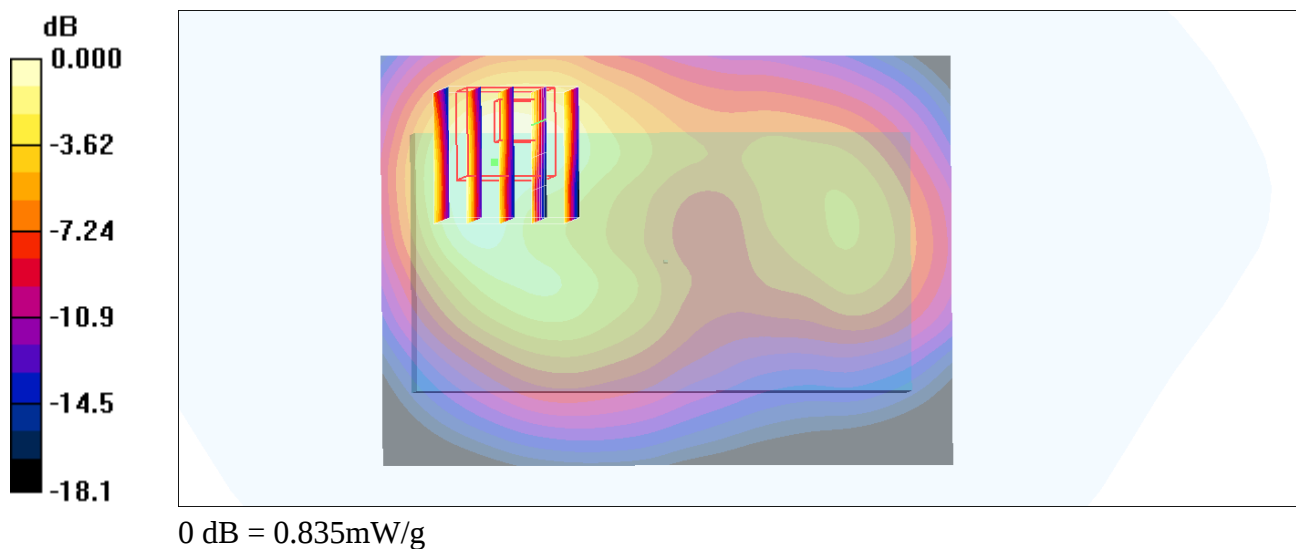
#92_WCDMA II_RMC12.2K_Back_1cm_Ch9538**DUT: 201604**

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

Medium: MSL_1900_121023 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 50.7$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 1.04 mW/g **Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 11.3 V/m ; Power Drift = -0.102 dB Peak SAR (extrapolated) = 1.25 W/kg **SAR(1 g) = 0.741 mW/g ; SAR(10 g) = 0.408 mW/g** Maximum value of SAR (measured) = 0.835 mW/g 

#87_WCDMA II_RMC12.2K_Left Side_1cm_Ch9262**DUT: 201604**

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

Medium: MSL_1900_121023 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (31x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.095 mW/g

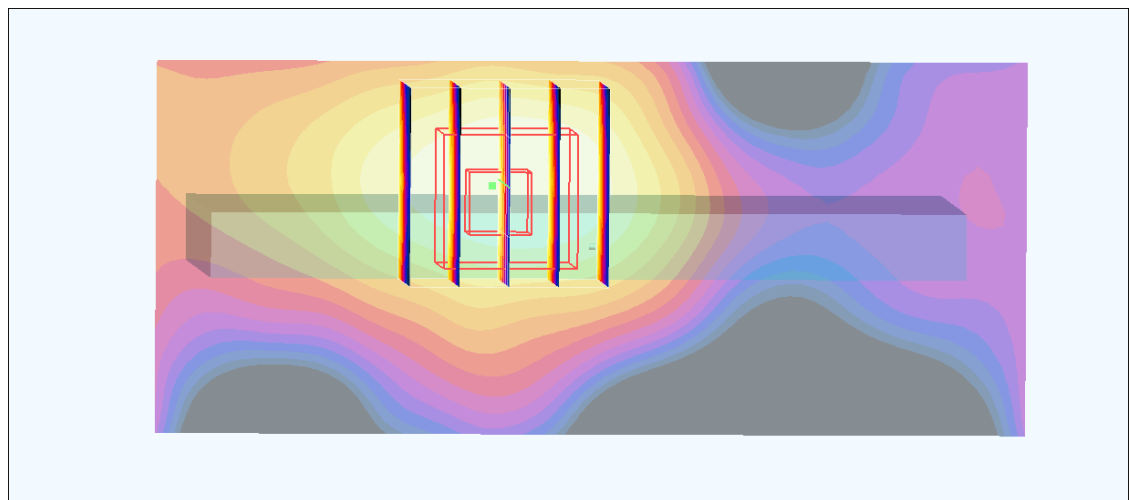
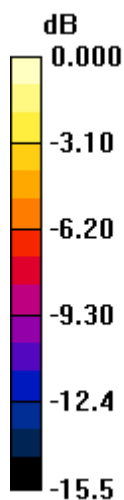
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.99 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.131 W/kg

SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.090 mW/g



0 dB = 0.090mW/g

#88_WCDMA II_RMC12.2K_Right Side_1cm_Ch9262**DUT: 201604**

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

Medium: MSL_1900_121023 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (31x71x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.292 mW/g

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

Reference Value = 10.8 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.298 mW/g

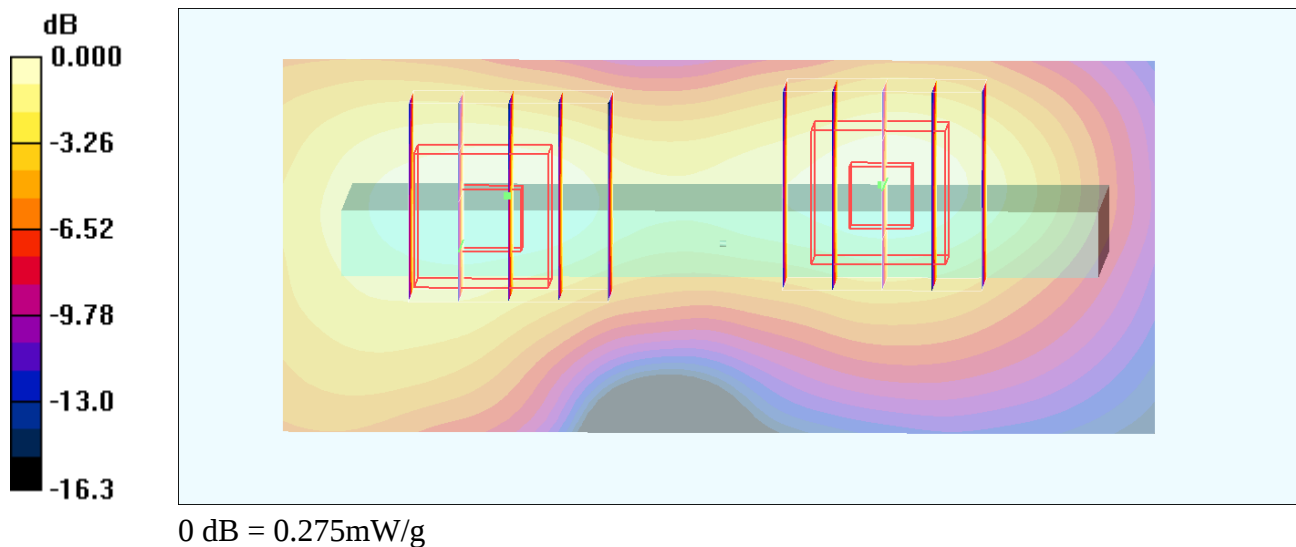
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.275 mW/g



#89_WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9262**DUT: 201604**

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

Medium: MSL_1900_121023 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm

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

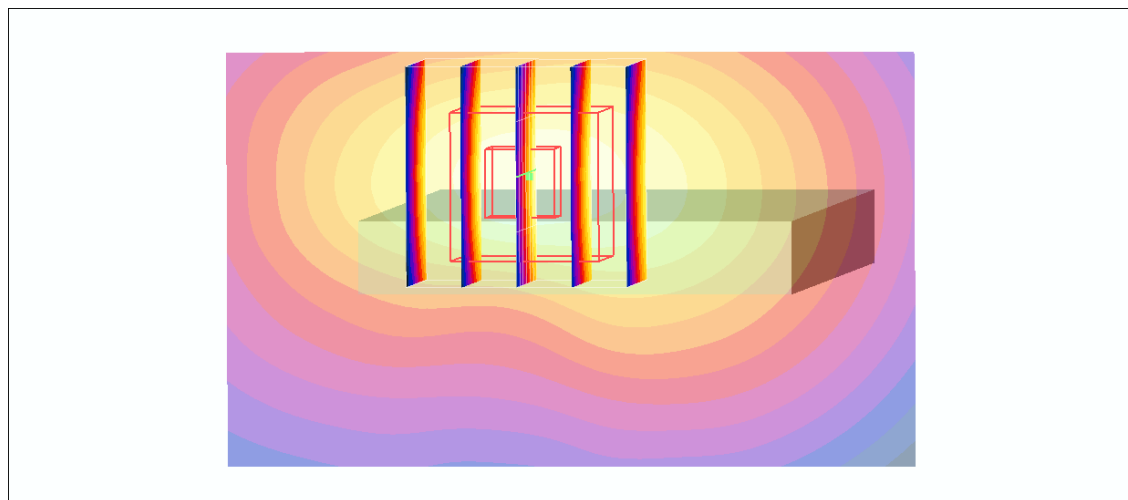
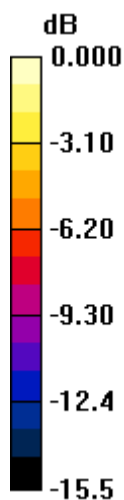
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.8 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 0.878 W/kg

SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.356 mW/g

Maximum value of SAR (measured) = 0.653 mW/g



0 dB = 0.653mW/g

90_WCDMA II_RMC12.2K_Back_1cm_Ch9262;Headset**DUT: 2O1604**

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

Medium: MSL_1900_121110 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.488$

mho/m; $\epsilon_r = 53.027$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch9262/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

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

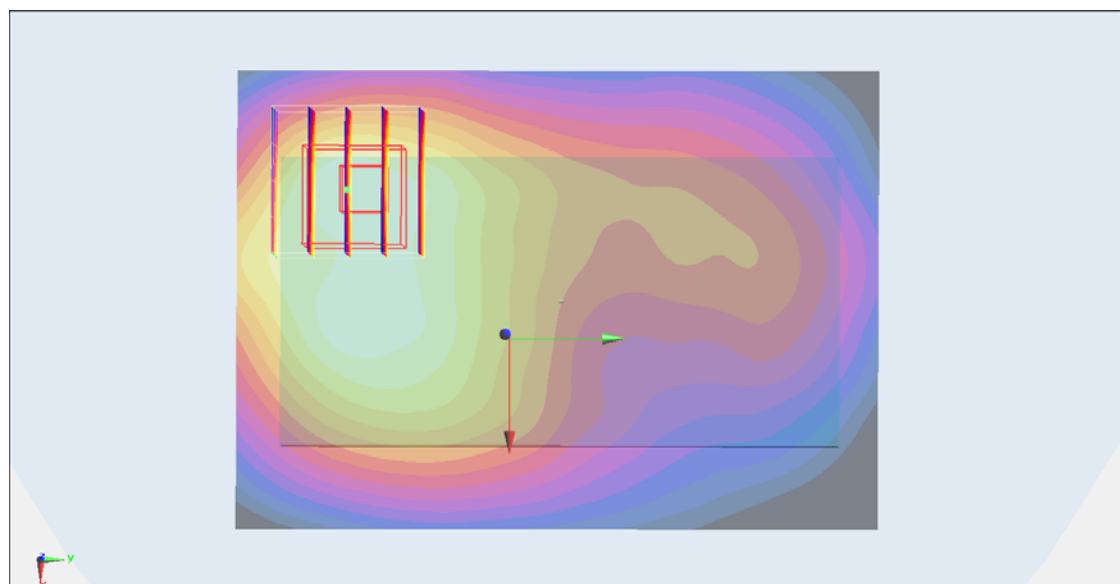
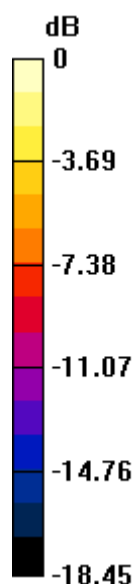
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.098 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.361 mW/g

SAR(1 g) = 0.799 mW/g; SAR(10 g) = 0.458 mW/g

Maximum value of SAR (measured) = 0.932 mW/g



0 dB = 0.932 mW/g = -0.61 dB mW/g

#93_WCDMA II_RMC12.2K_Back_1cm_Ch9400;Headset**DUT: 201604**

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

Medium: MSL_1900_121023 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm

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

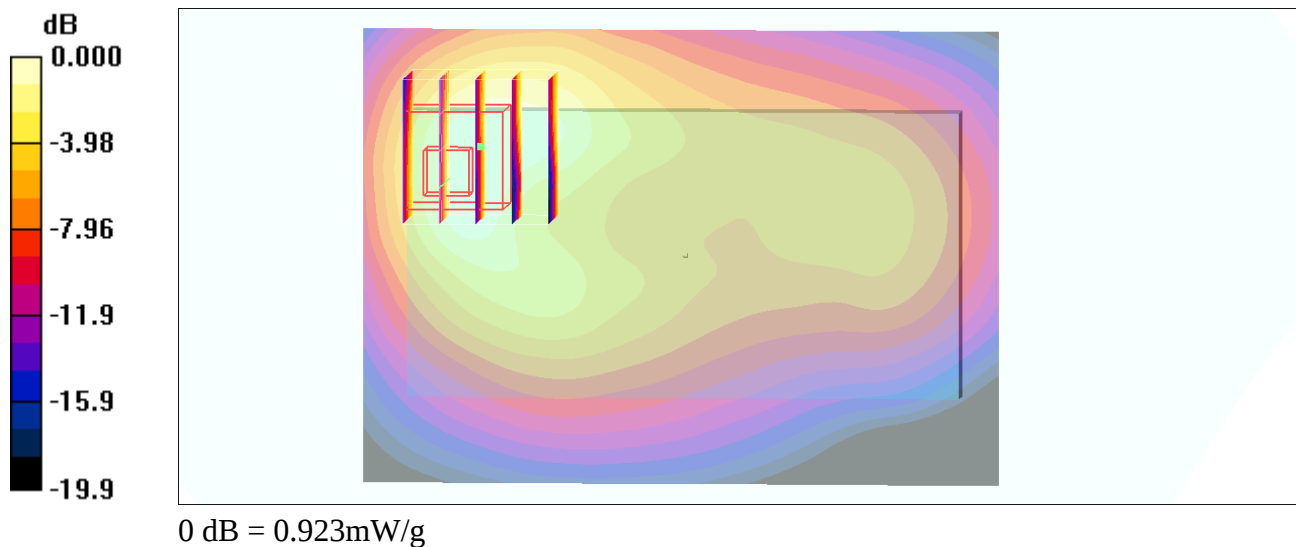
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.783 mW/g; SAR(10 g) = 0.419 mW/g

Maximum value of SAR (measured) = 0.923 mW/g



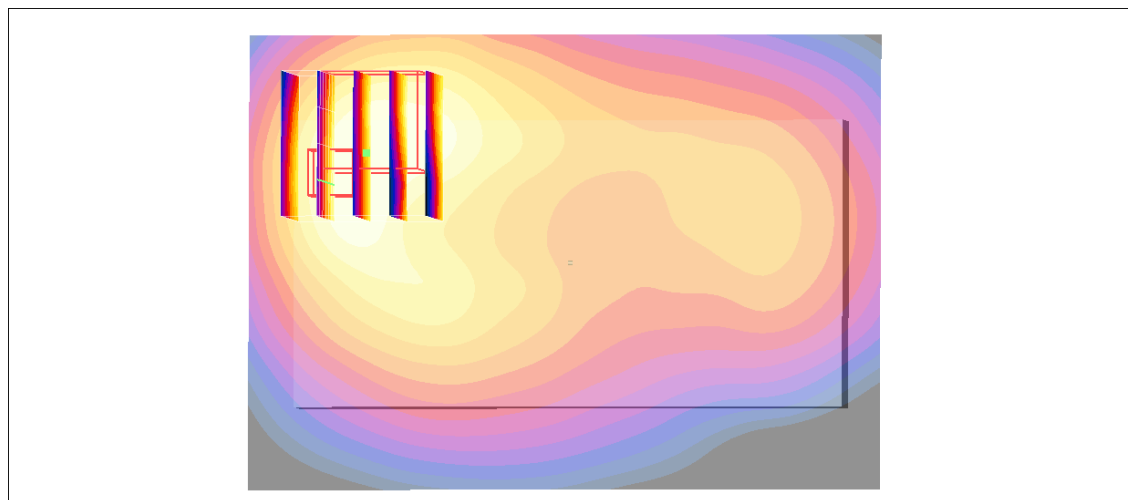
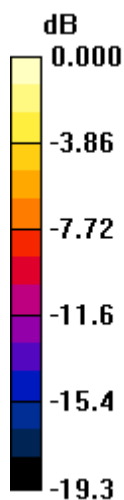
#94_WCDMA II_RMC12.2K_Back_1cm_Ch9538;Headset**DUT: 201604**

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

Medium: MSL_1900_121023 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 50.7$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 22.4°C ; Liquid Temperature : 21.4°C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (51x71x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$ Maximum value of SAR (interpolated) = 0.988 mW/g **Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 11.3 V/m ; Power Drift = -0.011 dB Peak SAR (extrapolated) = 1.22 W/kg **SAR(1 g) = 0.719 mW/g ; SAR(10 g) = 0.390 mW/g** Maximum value of SAR (measured) = 0.846 mW/g 0 dB = 0.846 mW/g

#40_WLAN2.4G_802.11b_Front_1cm_Ch6**DUT: 2O1604**

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

Medium: MSL_2450_121022 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.001$ mho/m; $\epsilon_r = 53.956$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.00455 mW/g

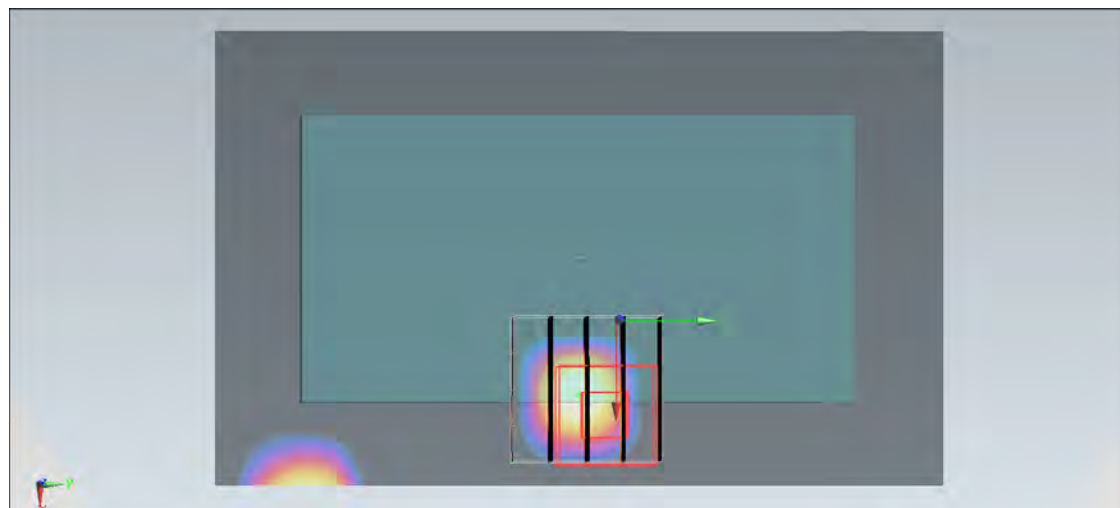
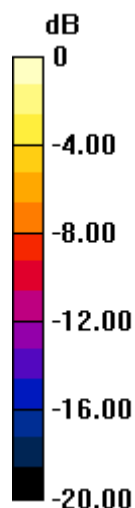
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.015 mW/g

SAR(1 g) = 0.00322 mW/g; SAR(10 g) = 0.000732 mW/g

Maximum value of SAR (measured) = 0.00302 mW/g



0 dB = 0.00302 mW/g = -50.40 dB mW/g

#41_WLAN2.4G_802.11b_Back_1cm_Ch6**DUT: 2O1604**

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

Medium: MSL_2450_121022 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.001$ mho/m; $\epsilon_r = 53.956$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0639 mW/g

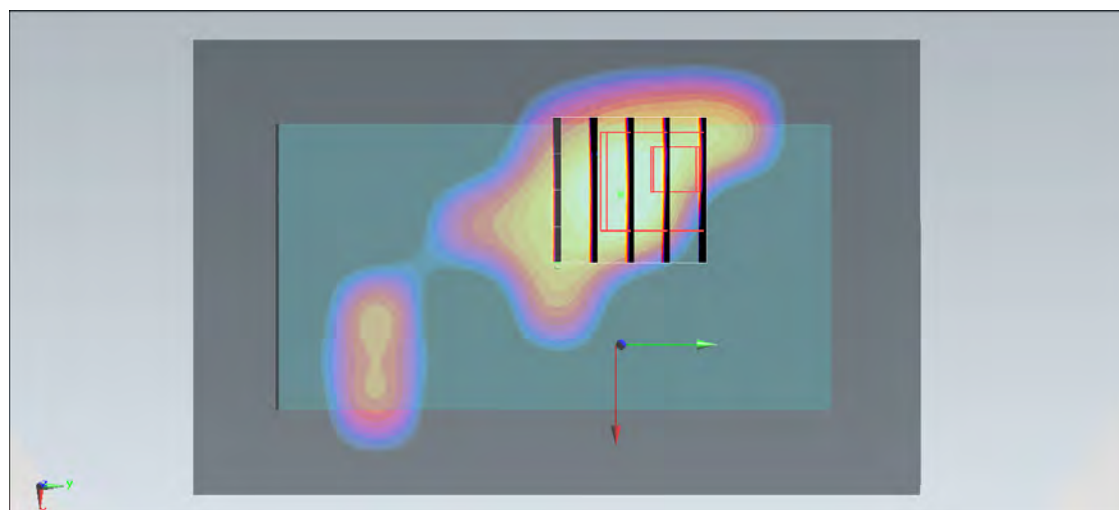
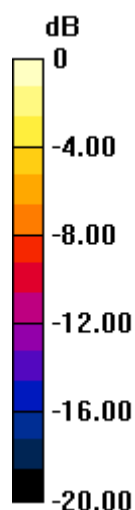
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.552 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.068 mW/g

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.0401 mW/g



0 dB = 0.0401 mW/g = -27.94 dB mW/g

#41_WLAN2.4G_802.11b_Back_1cm_Ch6_2D**DUT: 2O1604**

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

Medium: MSL_2450_121022 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.001$ mho/m; $\epsilon_r = 53.956$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0639 mW/g

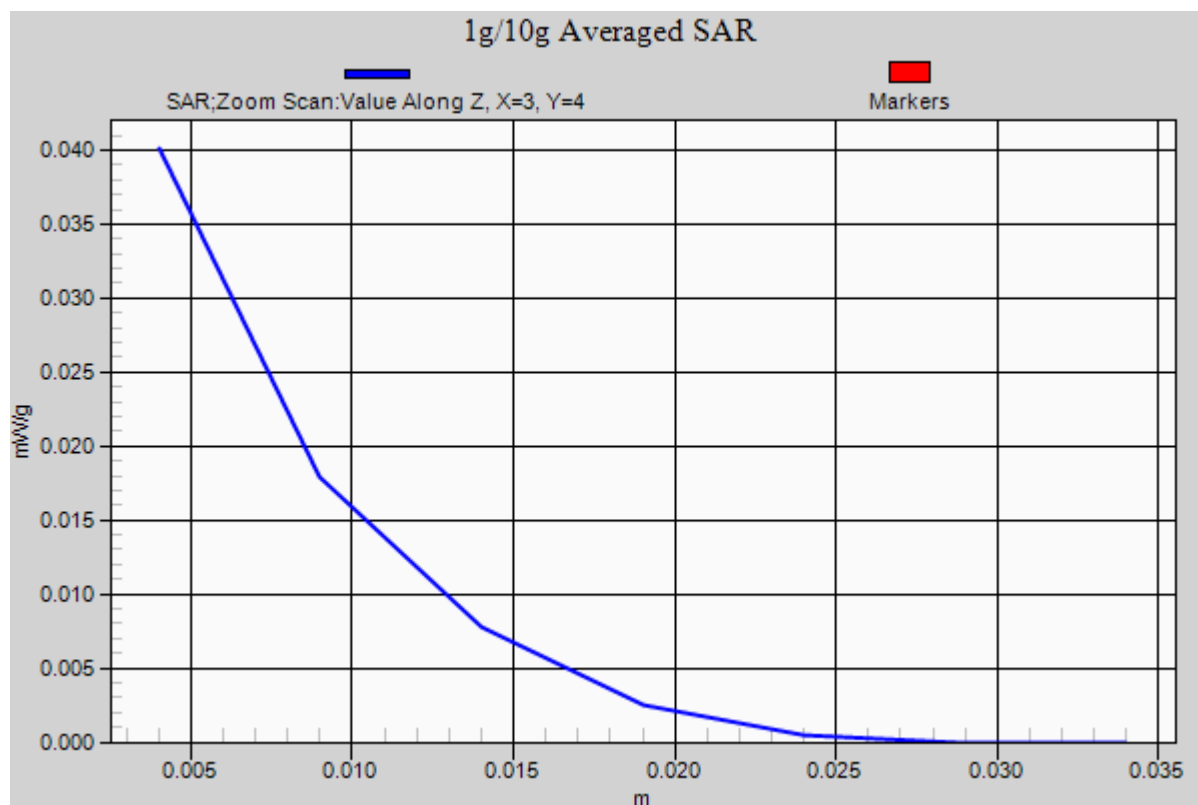
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.552 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.068 mW/g

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.0401 mW/g



#44_WLAN2.4G_802.11b_Right Side_1cm_Ch6**DUT: 2O1604**

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

Medium: MSL_2450_121022 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.001$ mho/m; $\epsilon_r = 53.956$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0293 mW/g

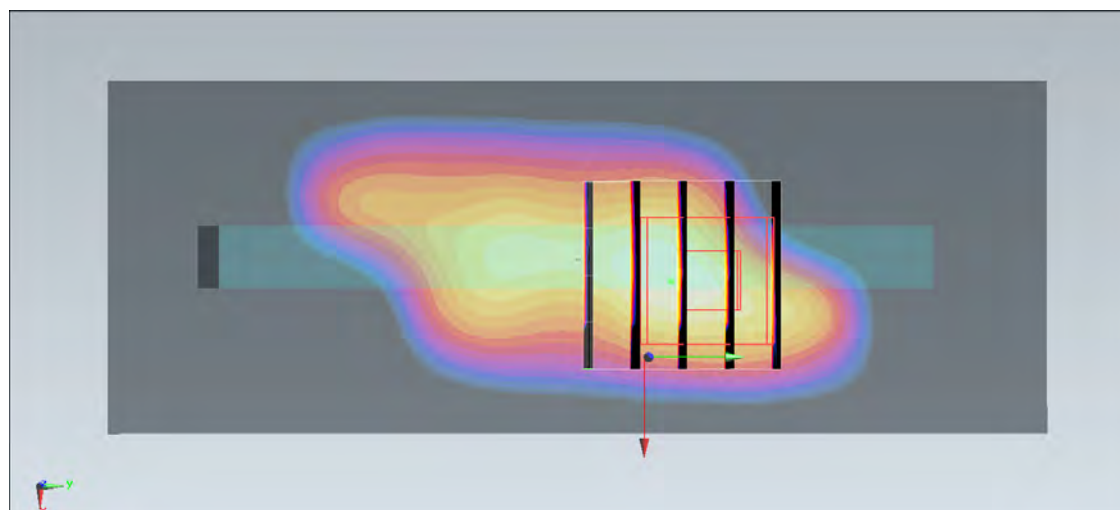
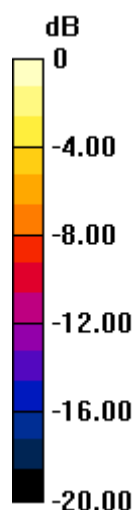
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.323 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 0.041 mW/g

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00851 mW/g

Maximum value of SAR (measured) = 0.0281 mW/g



0 dB = 0.0281 mW/g = -31.03 dB mW/g

#45_WLAN2.4G_802.11b_Top Side_1cm_Ch6**DUT: 2O1604**

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

Medium: MSL_2450_121022 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.001$ mho/m; $\epsilon_r = 53.956$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (31x41x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0116 mW/g

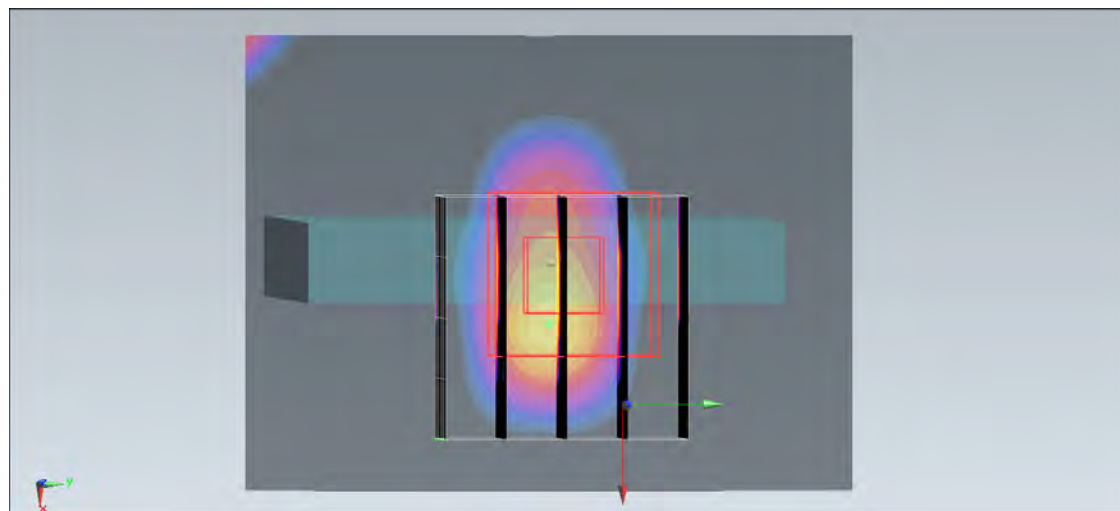
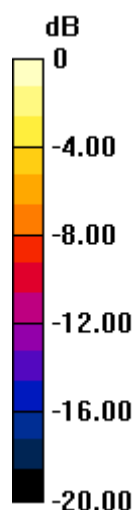
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.274 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.048 mW/g

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00549 mW/g

Maximum value of SAR (measured) = 0.0223 mW/g



0 dB = 0.0223 mW/g = -33.03 dB mW/g

#42_WLAN2.4G_802.11b_Back_1cm_Ch6;Headset**DUT: 2O1604**

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

Medium: MSL_2450_121022 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.001$ mho/m; $\epsilon_r = 53.956$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0500 mW/g

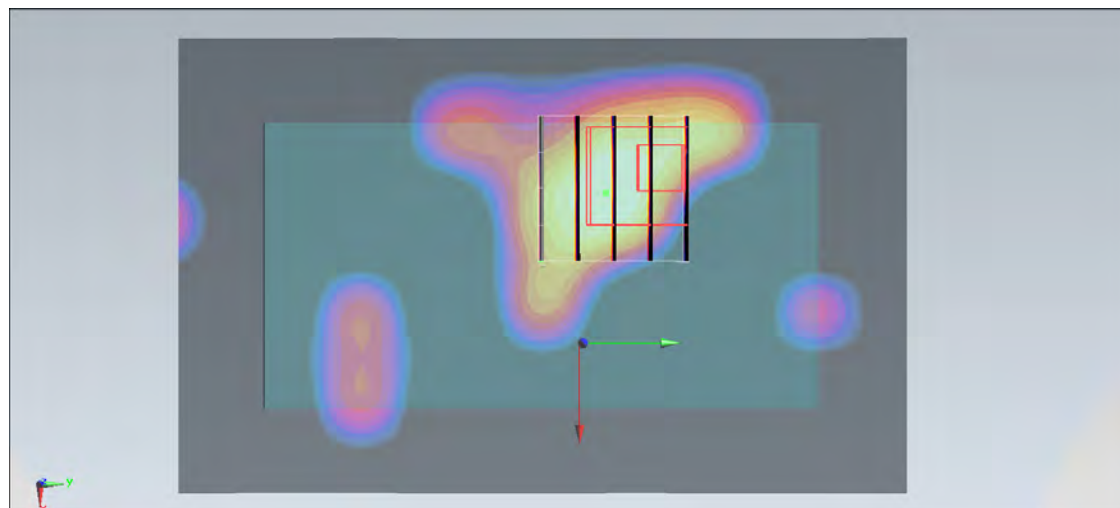
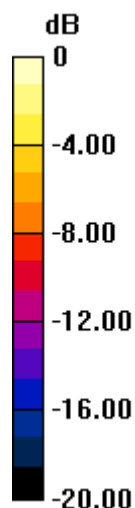
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.399 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 0.064 mW/g

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.0382 mW/g



0 dB = 0.0382 mW/g = -28.36 dB mW/g

#01_WLAN5G_802.11a_Front_1cm_Ch48**DUT: 2O1604**

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

Medium: MSL_5G_121018 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.423$ mho/m; $\epsilon_r = 48.422$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (121x161x1): Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.00800 W/kg

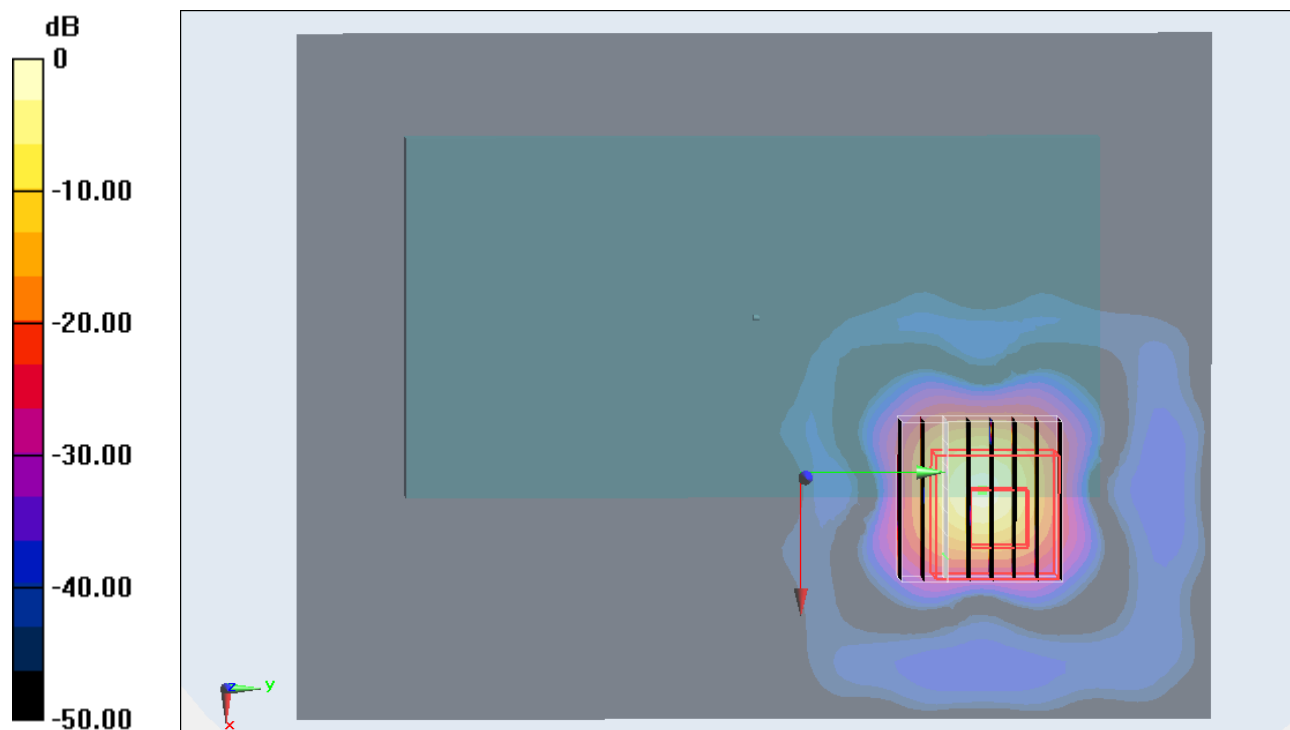
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.029 mW/g

SAR(1 g) = 0.00151 mW/g; SAR(10 g) = 0.000228 mW/g

Maximum value of SAR (measured) = 0.0121 W/kg



0 dB = 0.0121 W/kg = -38.34 dB W/kg

#02_WLAN5G_802.11a_Back_1cm_Ch48**DUT: 2O1604**

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

Medium: MSL_5G_121018 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.423$ mho/m; $\epsilon_r = 48.422$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch48/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.108 W/kg

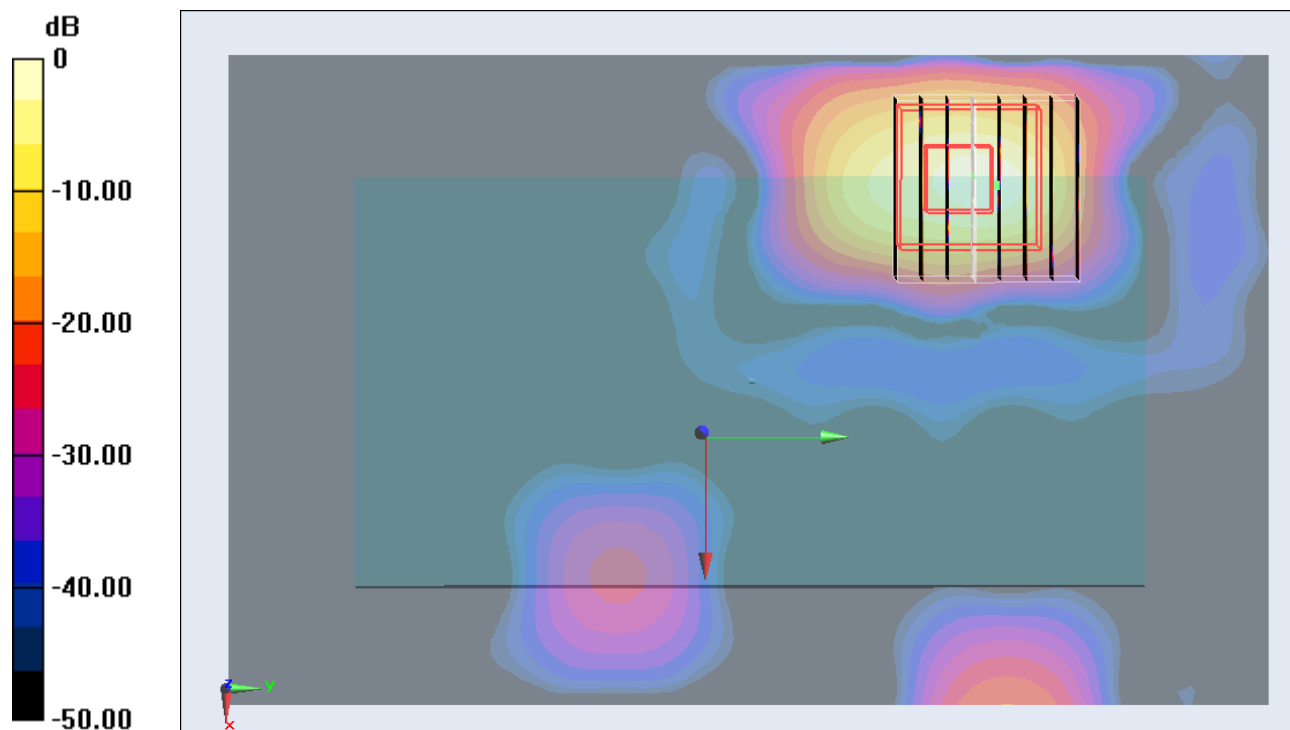
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 0.670 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.279 mW/g

SAR(1 g) = 0.055 mW/g ; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.138 W/kg



#03_WLAN5G_802.11n-HT20_Back_1cm_Ch40**DUT: 2O1604**

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121018 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.373$ mho/m; $\epsilon_r = 48.526$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch40/Area Scan (121x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.122 W/kg

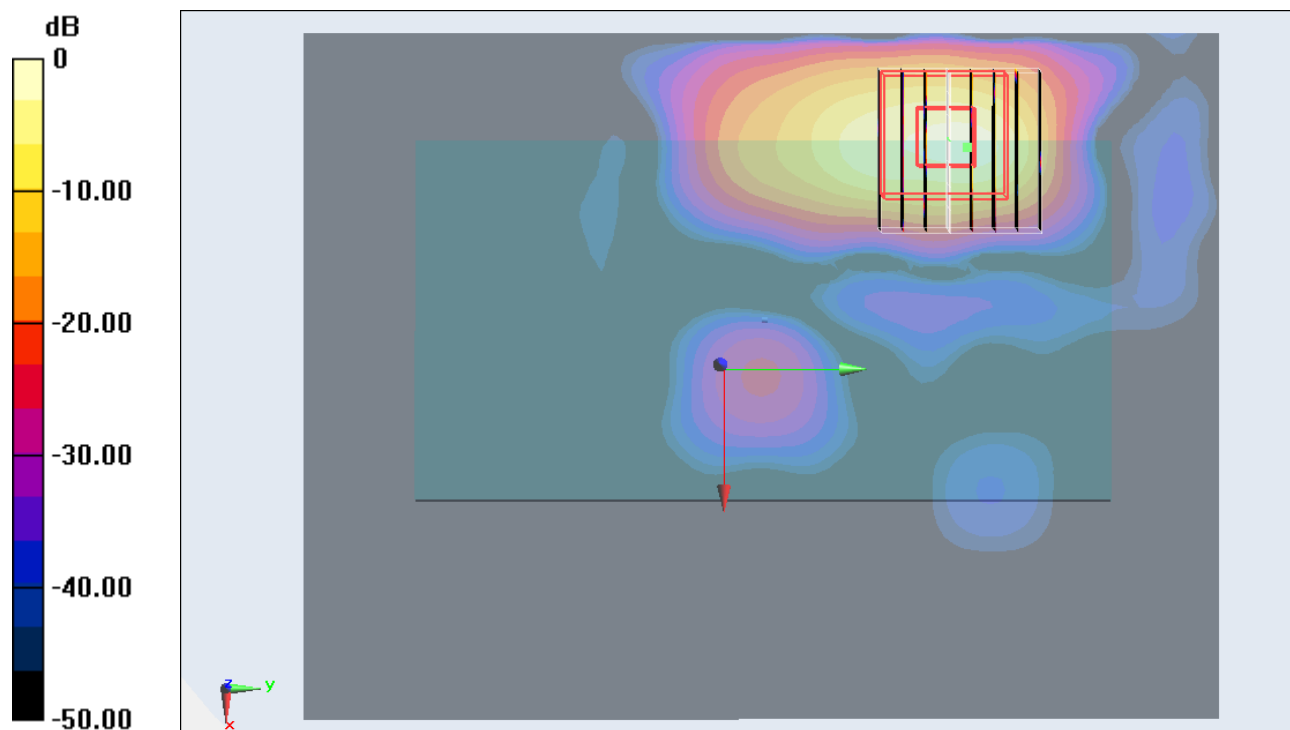
Ch40/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 0.656 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.317 mW/g

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.174 W/kg



0 dB = 0.174 W/kg = -15.19 dB W/kg

#03_WLAN5G_802.11n-HT20_Back_1cm_Ch40_2D**DUT: 2O1604**

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121018 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.373$ mho/m; $\epsilon_r = 48.526$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch40/Area Scan (121x161x1): Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.122 W/kg

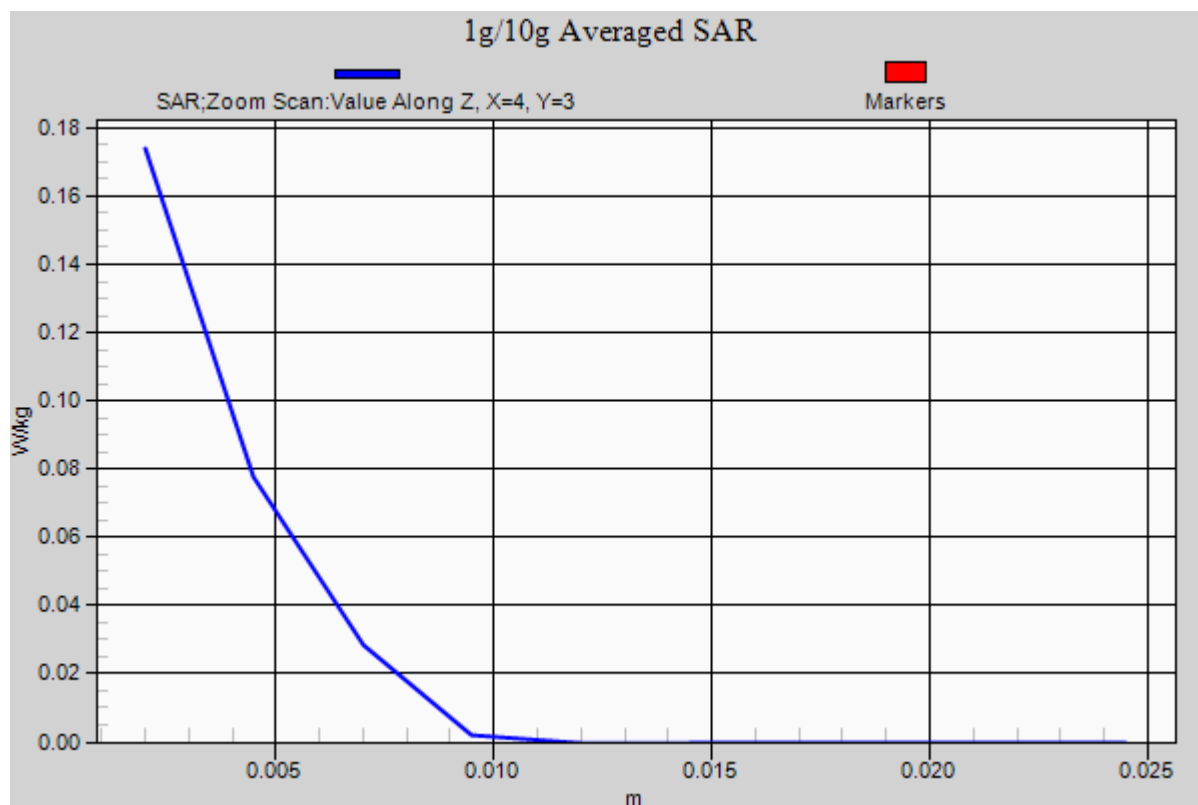
Ch40/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.656 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.317 mW/g

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.174 W/kg



#04_WLAN5G_802.11n-HT20_Back_1cm_Ch40;Headset**DUT: 2O1604**

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121018 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.373$ mho/m; $\epsilon_r = 48.526$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch40/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.124 W/kg

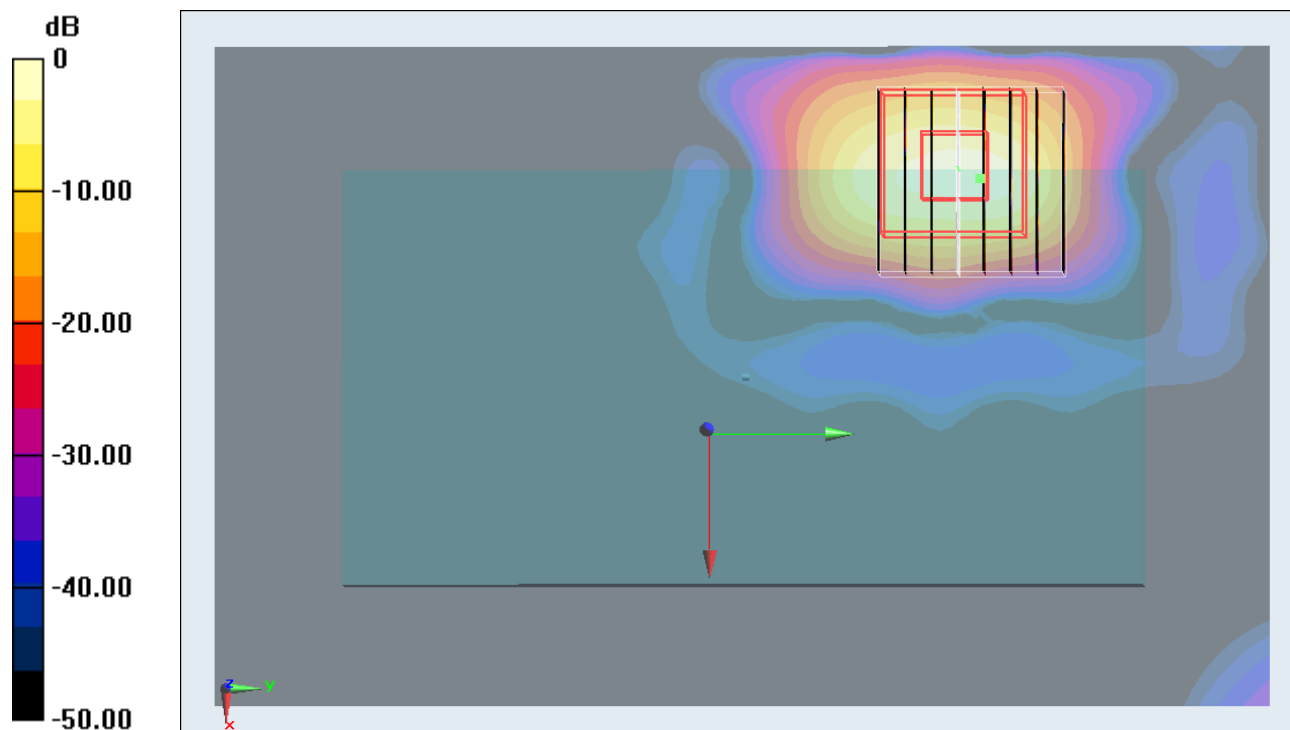
Ch40/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.307 mW/g

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.175 W/kg



0 dB = 0.175 W/kg = -15.14 dB W/kg

#05_WLAN5G_802.11a_Front_1cm_Ch64**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121110 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.469$ mho/m; $\epsilon_r = 47.229$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.7 °C

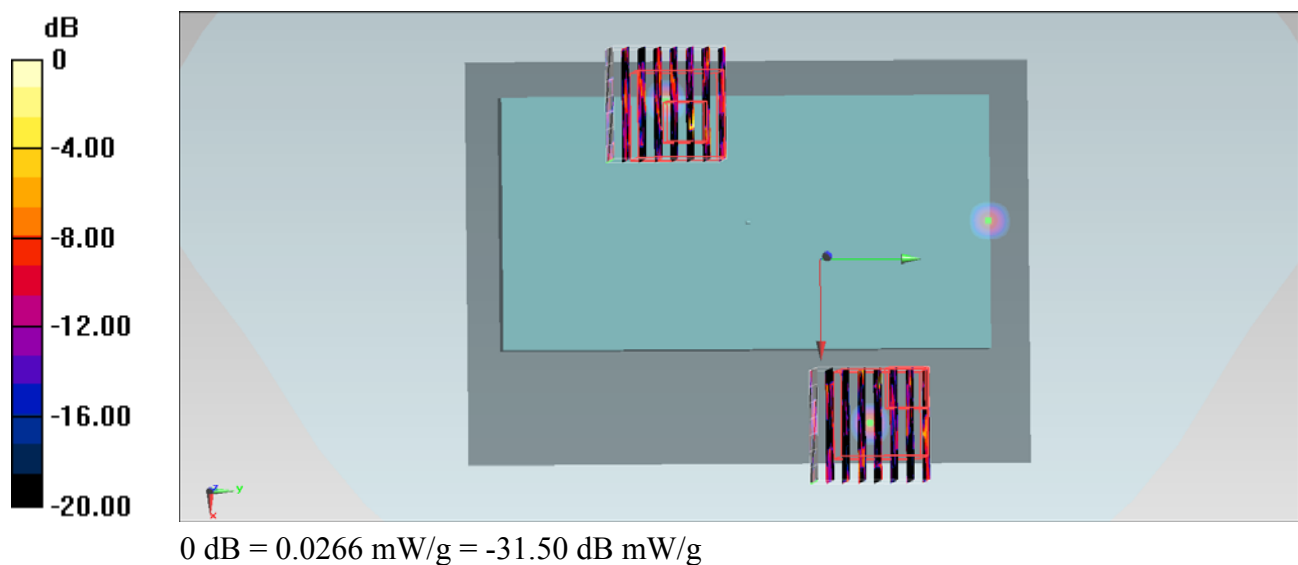
DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch64/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.00552 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.517 V/m; Power Drift = -0.196 dB
Peak SAR (extrapolated) = 0.037 mW/g
SAR(1 g) = 0.000292 mW/g; SAR(10 g) = 4.19e-005 mW/g
Maximum value of SAR (measured) = 0.0209 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.517 V/m; Power Drift = -0.196 dB
Peak SAR (extrapolated) = 0.00476 mW/g
SAR(1 g) = 2.74e-006 mW/g; SAR(10 g) = 6.53e-008 mW/g
Maximum value of SAR (measured) = 0.0266 mW/g



#06_WLAN5G_802.11a_Back_1cm_Ch64**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121110 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.469$ mho/m; $\epsilon_r = 47.229$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch64/Area Scan (91x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.198 mW/g

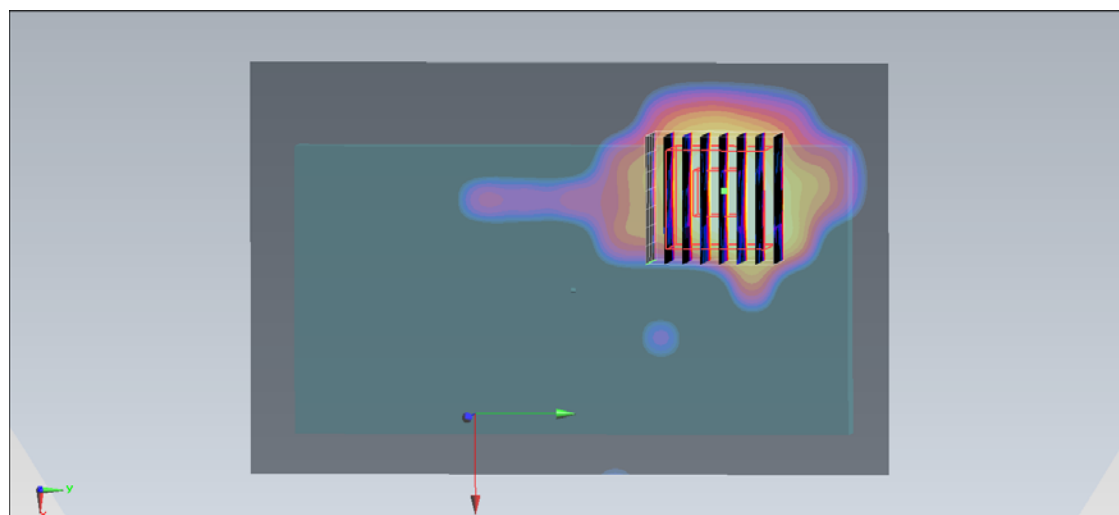
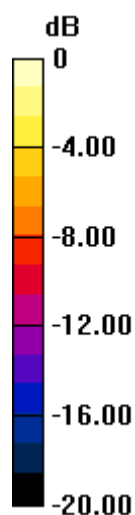
Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.427 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 0.260 mW/g

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.133 mW/g



0 dB = 0.133 mW/g = -17.52 dB mW/g

#07_WLAN5G_802.11n-HT20_Back_1cm_Ch56**DUT: 2O1604**

Communication System: 802.11n; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121018 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.483$ mho/m; $\epsilon_r = 48.32$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch56/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.122 W/kg

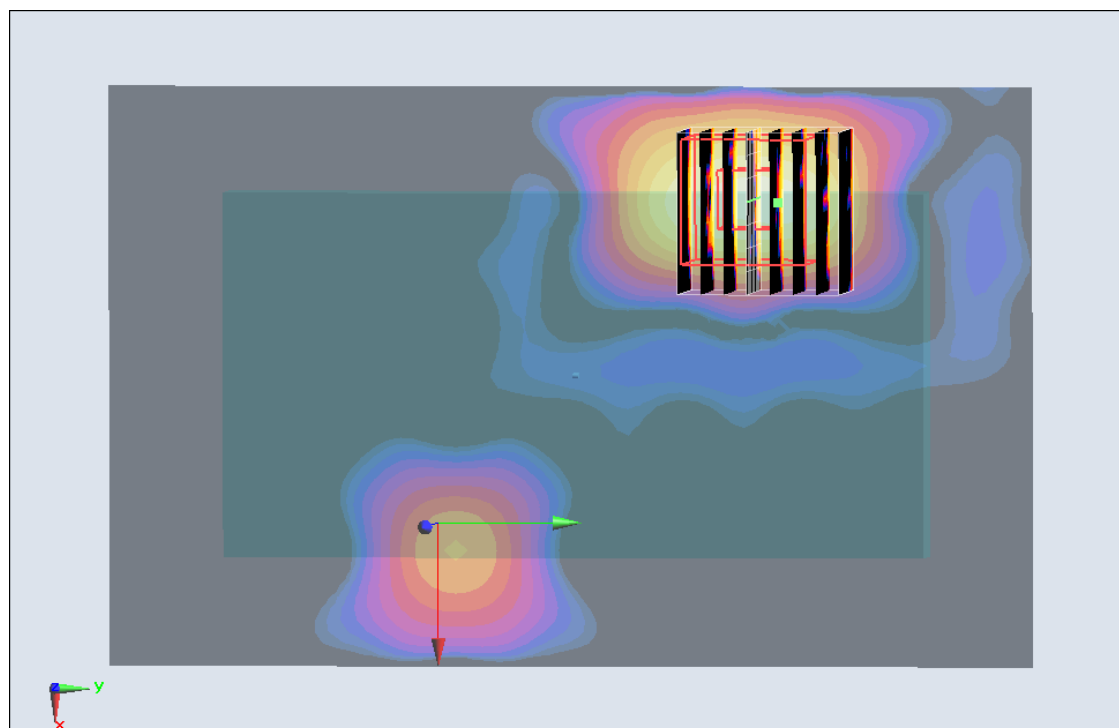
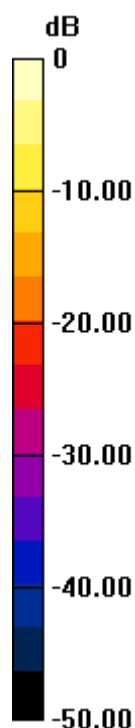
Ch56/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 0.262 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.372 mW/g

SAR(1 g) = 0.072 mW/g ; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.173 W/kg



0 dB = 0.173 W/kg = -15.24 dB W/kg

#07_WLAN5G_802.11n-HT20_Back_1cm_Ch56_2D**DUT: 2O1604**

Communication System: 802.11n; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121018 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.483$ mho/m; $\epsilon_r = 48.32$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch56/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.122 W/kg

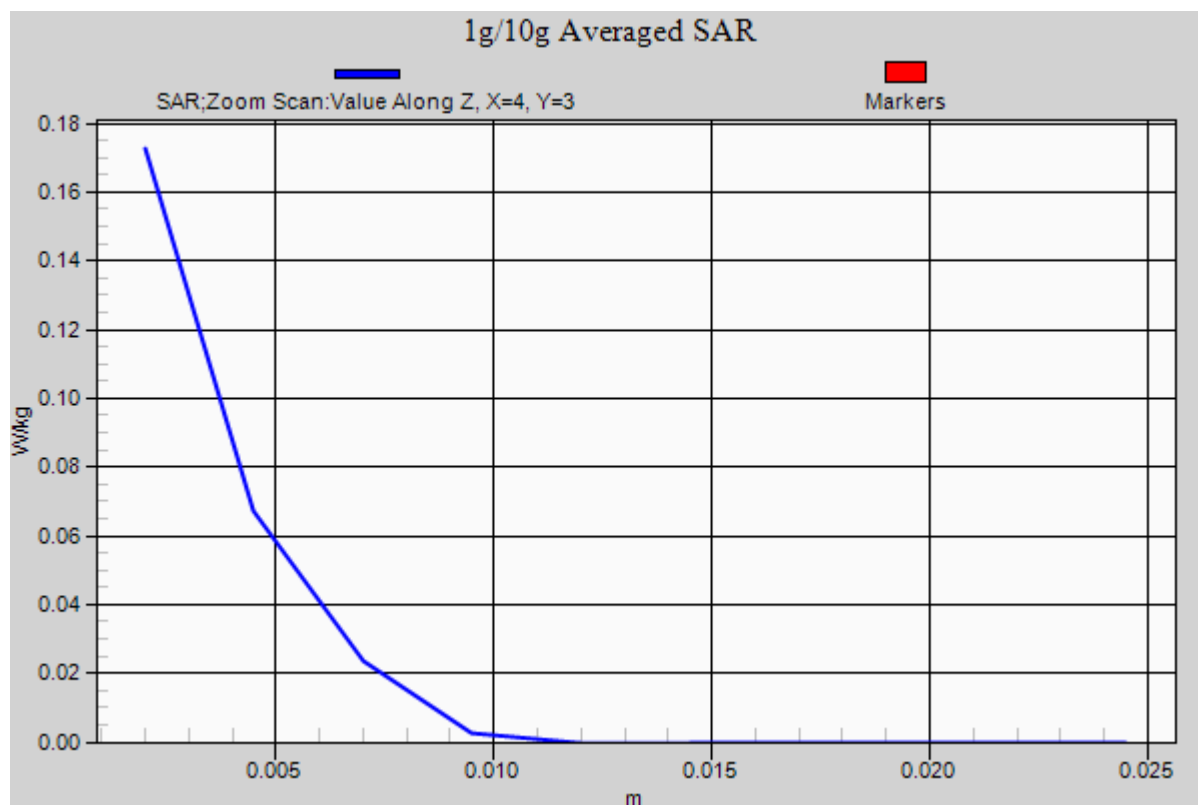
Ch56/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 0.262 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.372 mW/g

SAR(1 g) = 0.072 mW/g ; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.173 W/kg



#08_WLAN5G_802.11n-HT20_Back_1cm_Ch56;Headset**DUT: 2O1604**

Communication System: 802.11n; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121018 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.483$ mho/m; $\epsilon_r = 48.32$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch56/Area Scan (101x161x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.138 W/kg

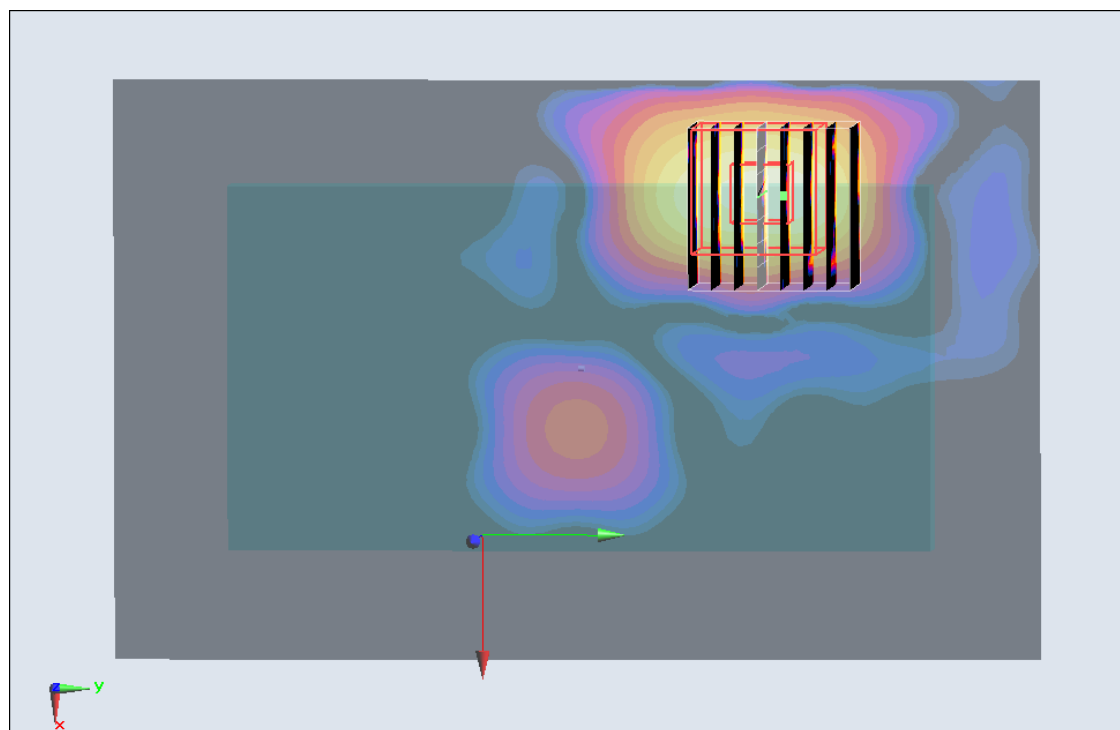
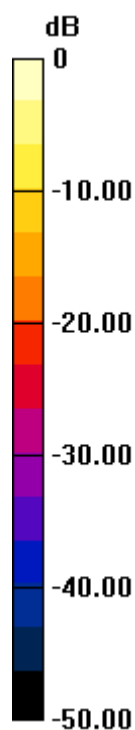
Ch56/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 0.490 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.323 mW/g

SAR(1 g) = 0.072 mW/g ; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.180 W/kg



0 dB = 0.180 W/kg = -14.89 dB W/kg

$$0 \text{ dB} = 0.0153 \text{ mW/g} = -36.31 \text{ dB mW/g}$$

#10_WLAN5G_802.11a_Back_1cm_Ch140**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121109 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.995$ mho/m; $\epsilon_r = 47.443$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.2°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch140/Area Scan (101x161x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.141 mW/g

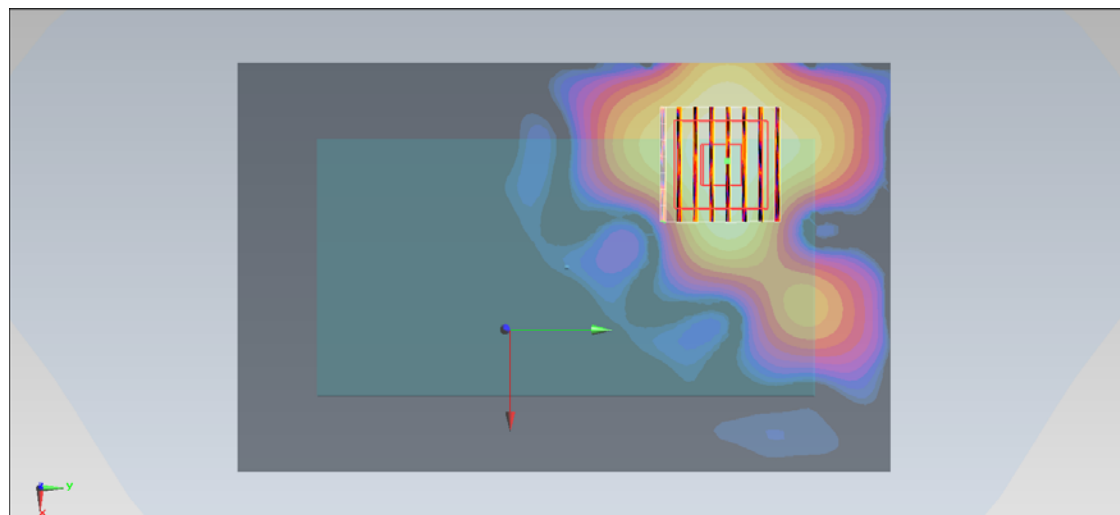
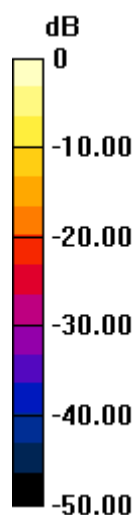
Ch140/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 3.730 V/m ; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 0.313 mW/g

SAR(1 g) = 0.078 mW/g ; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.160 mW/g



$0 \text{ dB} = 0.160 \text{ mW/g} = -15.92 \text{ dB mW/g}$

#11_WLAN5G_802.11a_Back_1cm_Ch140;Headset**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121110 Medium parameters used: $f = 5700$ MHz; $\sigma = 6.03$ mho/m; $\epsilon_r = 46.577$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch140/Area Scan (101x141x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.222 mW/g

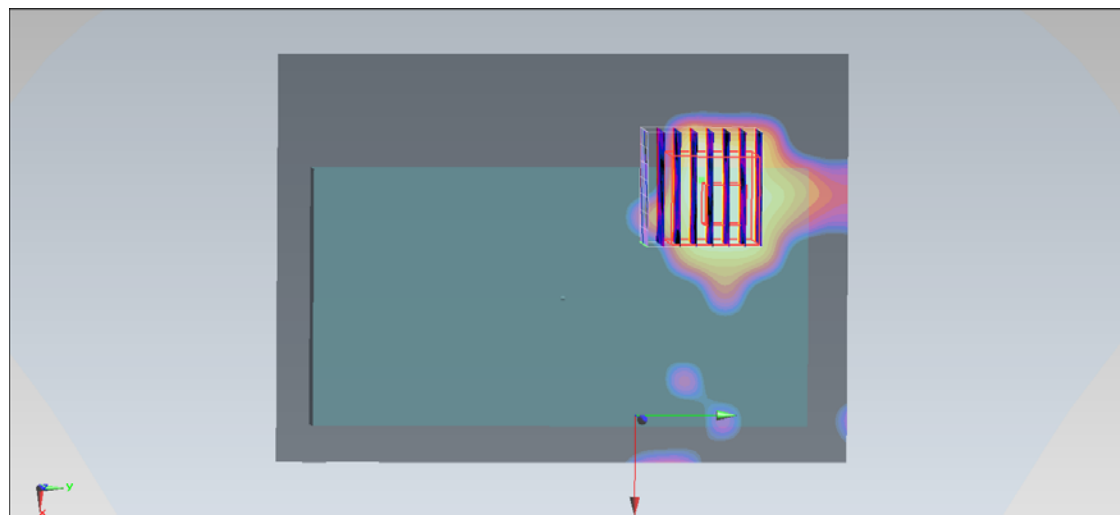
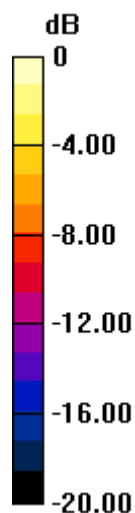
Ch140/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 3.589 V/m ; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.265 mW/g

SAR(1 g) = 0.078 mW/g ; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.156 mW/g



0 dB = 0.156 mW/g = -16.14 dB mW/g

#11_WLAN5G_802.11a_Back_1cm_Ch140;Headset_2D**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121110 Medium parameters used: $f = 5700$ MHz; $\sigma = 6.03$ mho/m; $\epsilon_r = 46.577$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch140/Area Scan (101x141x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.222 mW/g

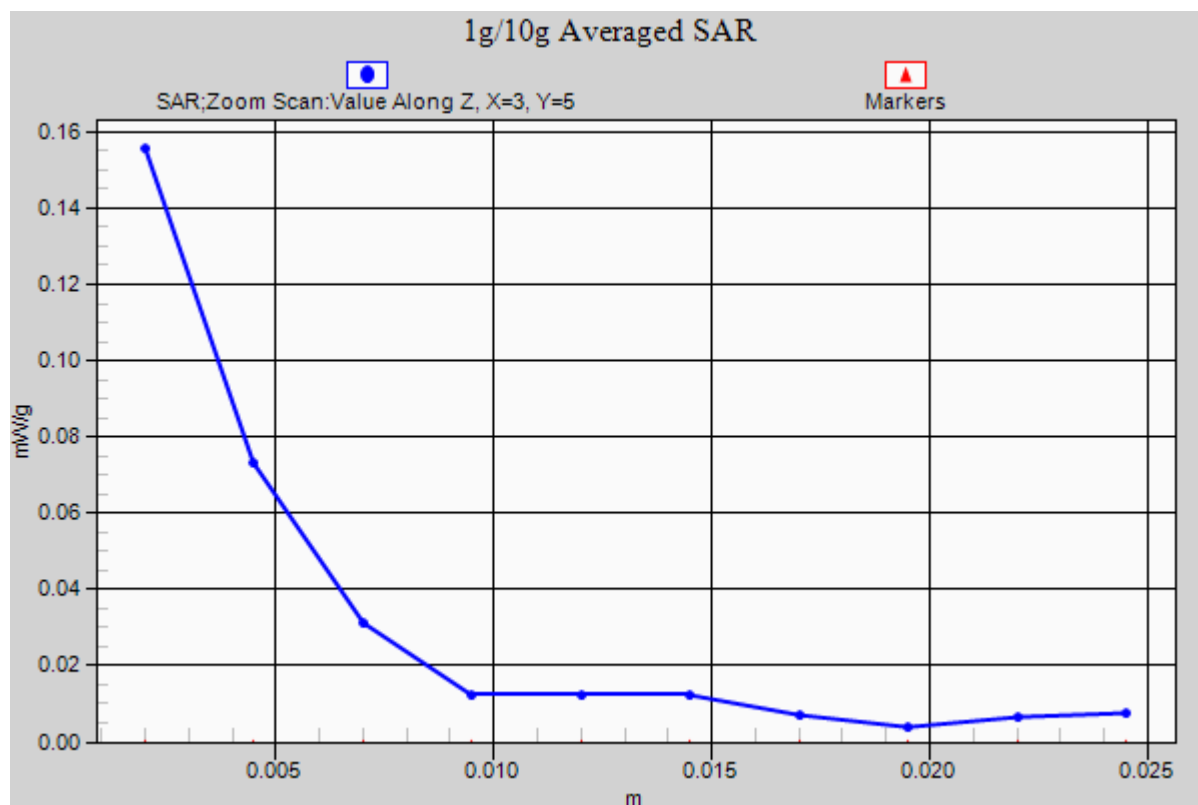
Ch140/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 3.589 V/m ; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.265 mW/g

SAR(1 g) = 0.078 mW/g ; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.156 mW/g



#12_WLAN5G_802.11a_Front_1cm_Ch153**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121110 Medium parameters used: $f = 5765$ MHz; $\sigma = 6.186$ mho/m; $\epsilon_r = 46.562$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch153/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.00645 mW/g

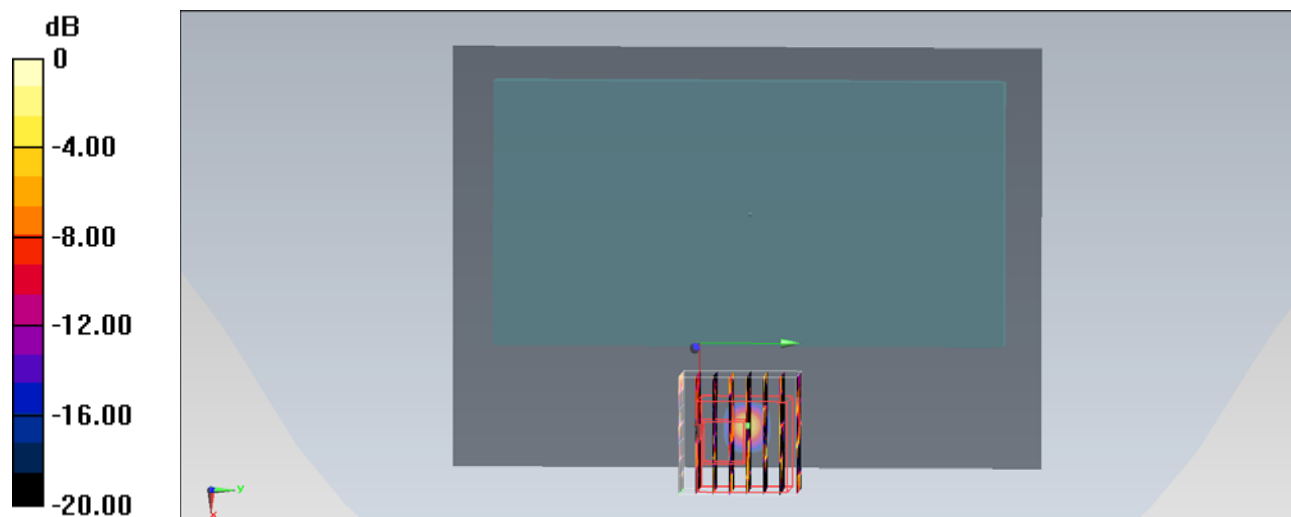
Ch153/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.934 V/m; Power Drift = -0.188 dB

Peak SAR (extrapolated) = 0.00964 mW/g

SAR(1 g) = 5.27e-005 mW/g; SAR(10 g) = 1.09e-005 mW/g

Maximum value of SAR (measured) = 0.0134 mW/g



0 dB = 0.0134 mW/g = -37.46 dB mW/g

#13_WLAN5G_802.11a_Back_1cm_Ch153**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121110 Medium parameters used: $f = 5765$ MHz; $\sigma = 6.186$ mho/m; $\epsilon_r = 46.562$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch153/Area Scan (101x141x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.189 mW/g

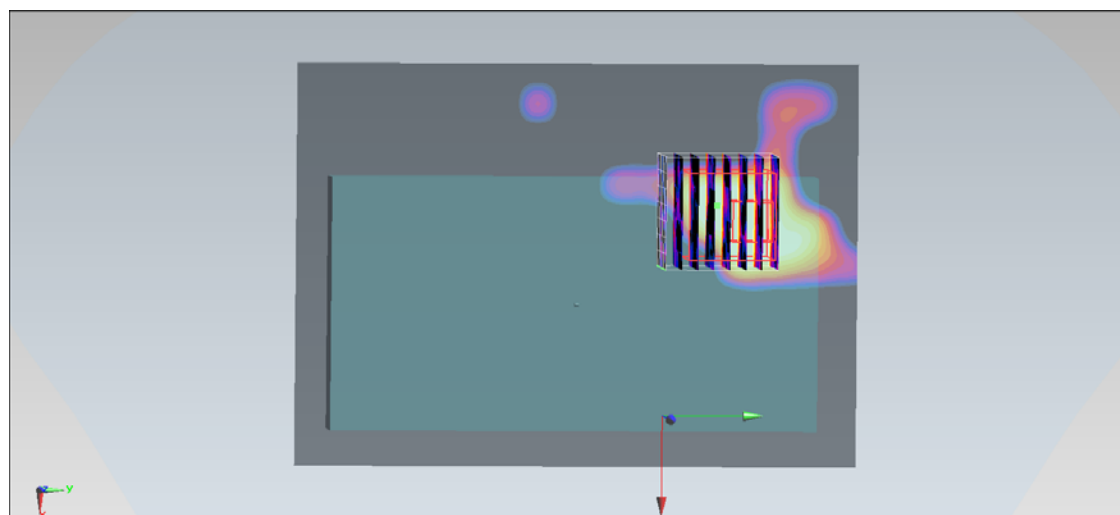
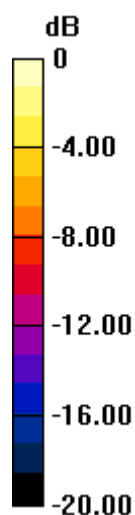
Ch153/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 2.803 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.322 mW/g

SAR(1 g) = 0.046 mW/g ; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.0944 mW/g



$0 \text{ dB} = 0.0944 \text{ mW/g}$ -20.50 dB mW/g

#17_WLAN5G_802.11a_Back_1cm_Ch153;Headset**DUT: 2O1604**

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121110 Medium parameters used: $f = 5765$ MHz; $\sigma = 6.186$ mho/m; $\epsilon_r = 46.562$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch153/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.175 mW/g

Ch153/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.973 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.353 mW/g

SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.112 mW/g

