



Appendix A. Plots of System Performance Check

The plots are shown as follows.

System Check_Head_835MHz_120706**DUT: D835V2 - SN: 4d091**

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

Medium: HSL_835_120706 Medium parameters used: $f = 835$ MHz; $\sigma = 0.914$ mho/m; $\epsilon_r = 41.826$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.04, 6.04, 6.04); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

Maximum value of SAR (interpolated) = 2.66 mW/g

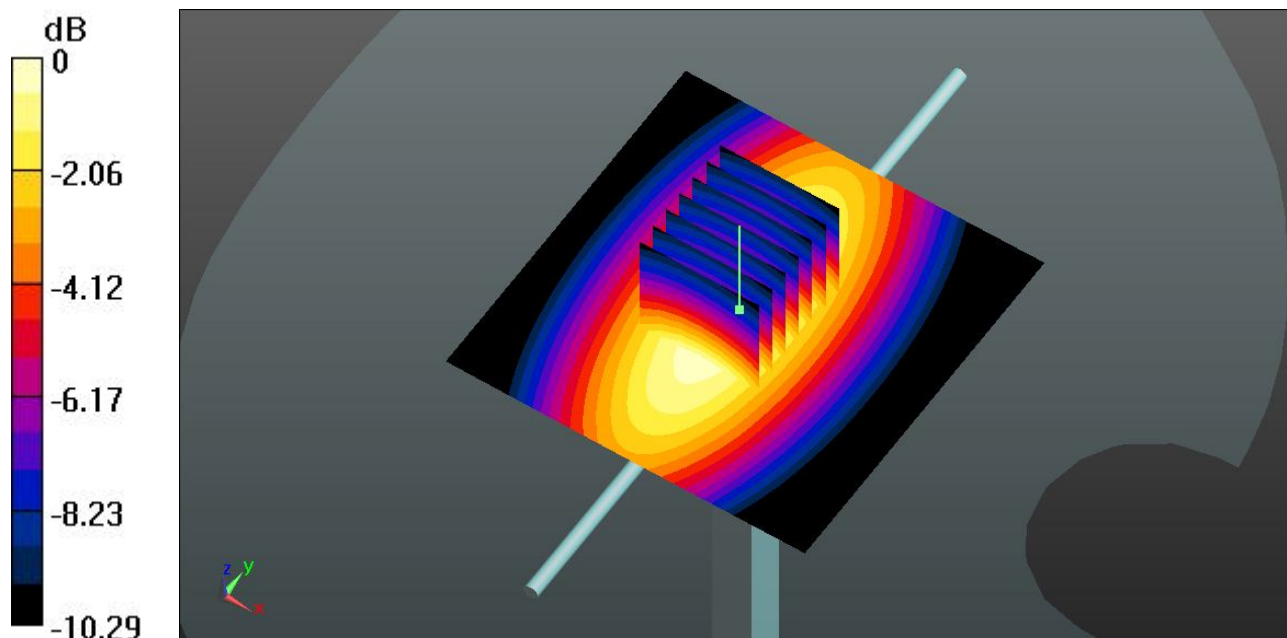
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.148 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.748 mW/g

SAR(1 g) = 2.47 mW/g; SAR(10 g) = 1.62 mW/g

Maximum value of SAR (measured) = 2.67 mW/g



0 dB = 2.67 mW/g = 8.53 dB mW/g

System Check_Body_835MHz_120709**DUT: D835V2 - SN: 4d091**

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

Medium: MSL_835_120709 Medium parameters used: $f = 835$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 56.499$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

Maximum value of SAR (interpolated) = 2.53 mW/g

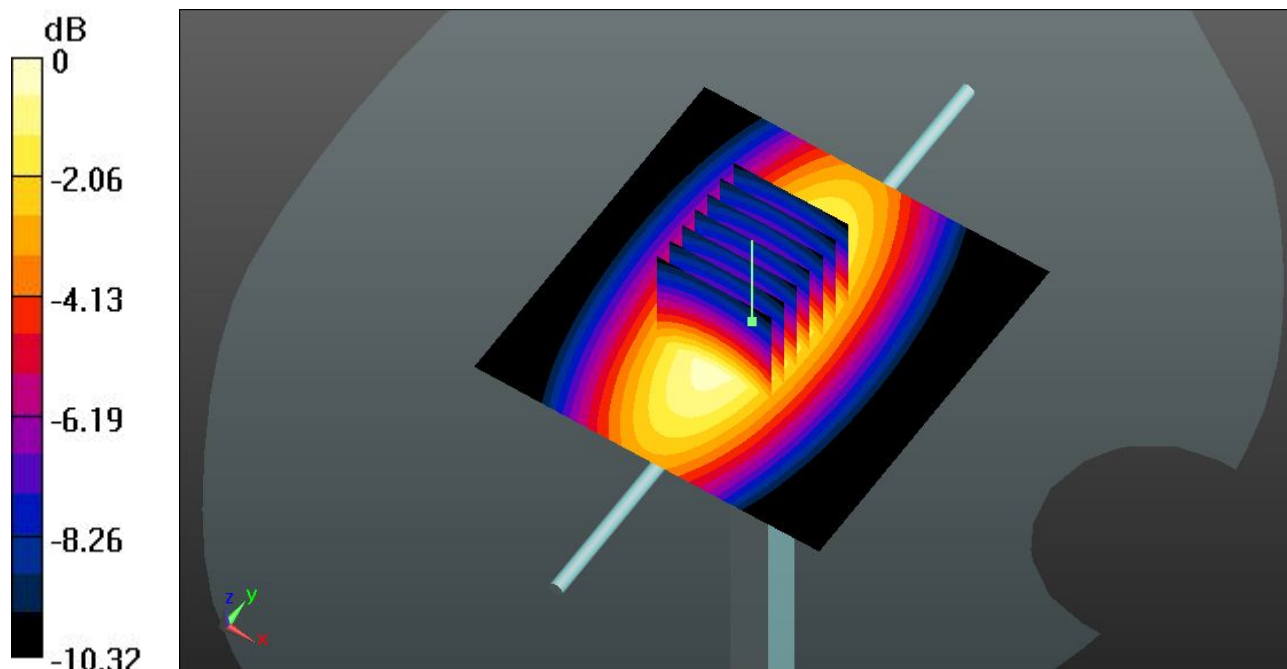
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.083 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.541 mW/g

SAR(1 g) = 2.35 mW/g; SAR(10 g) = 1.53 mW/g

Maximum value of SAR (measured) = 2.53 mW/g



0 dB = 2.53 mW/g = 8.06 dB mW/g

System Check_Head_1750MHz_121709**DUT: D1750V2 - SN: 1023**

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

Medium: HSL_1750_120709 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.378$ mho/m; $\epsilon_r =$

40.204; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.32, 5.32, 5.32); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

Maximum value of SAR (interpolated) = 11.4 mW/g

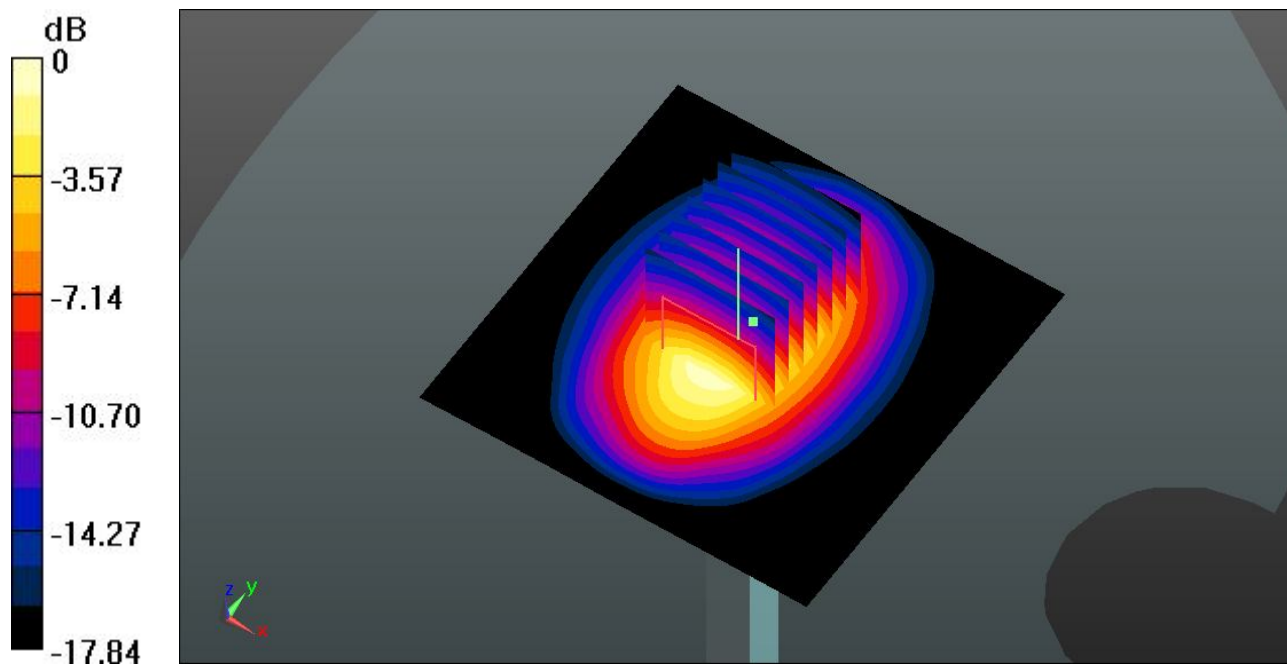
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.738 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 17.740 mW/g

SAR(1 g) = 9.5 mW/g; SAR(10 g) = 4.96 mW/g

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



0 dB = 10.8 mW/g = 20.67 dB mW/g

System Check_Body_1750MHz_120706**DUT: D1750V2 - SN: 1023**

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

Medium: MSL_1750_120706 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r =$

55.273 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.87, 4.87, 4.87); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

Maximum value of SAR (interpolated) = 11.5 mW/g

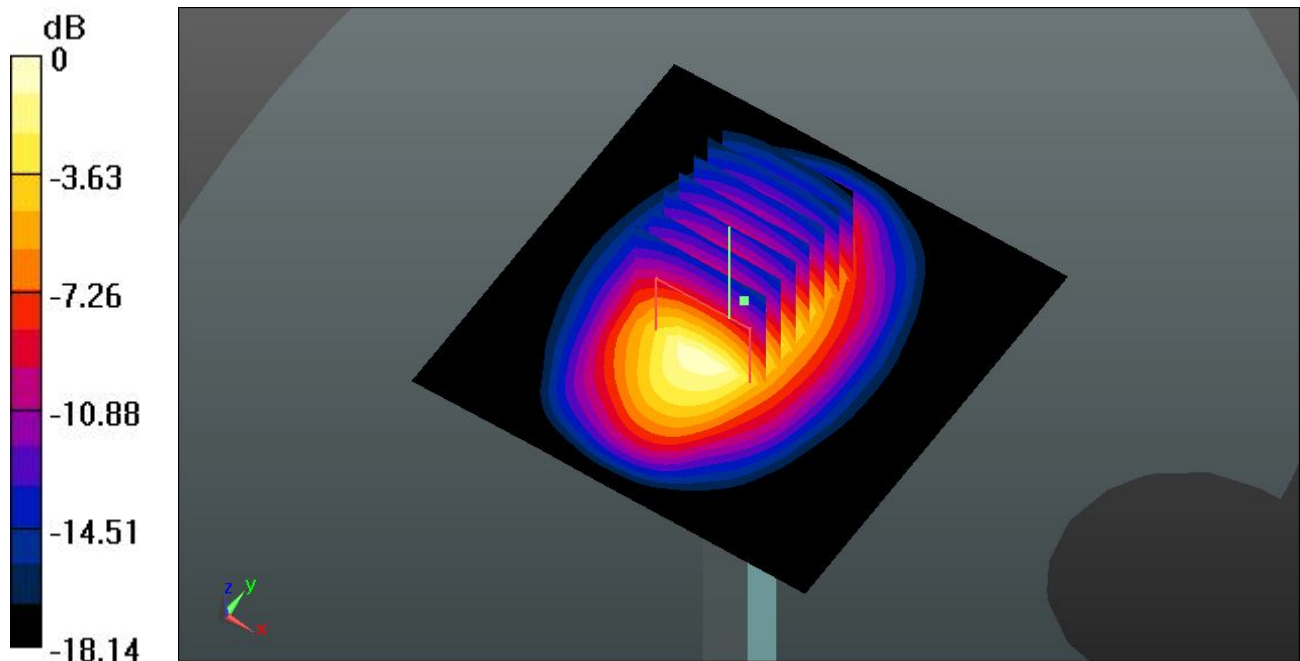
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 85.908 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 17.662 mW/g

SAR(1 g) = 9.61 mW/g; SAR(10 g) = 5.01 mW/g

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



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

System Check_Head_1900MHz_120709**DUT: D1900V2 - SN: 5d118**

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

Medium: HSL_1900_120709 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.427$ mho/m; $\epsilon_r =$

41.191; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.14, 5.14, 5.14); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

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

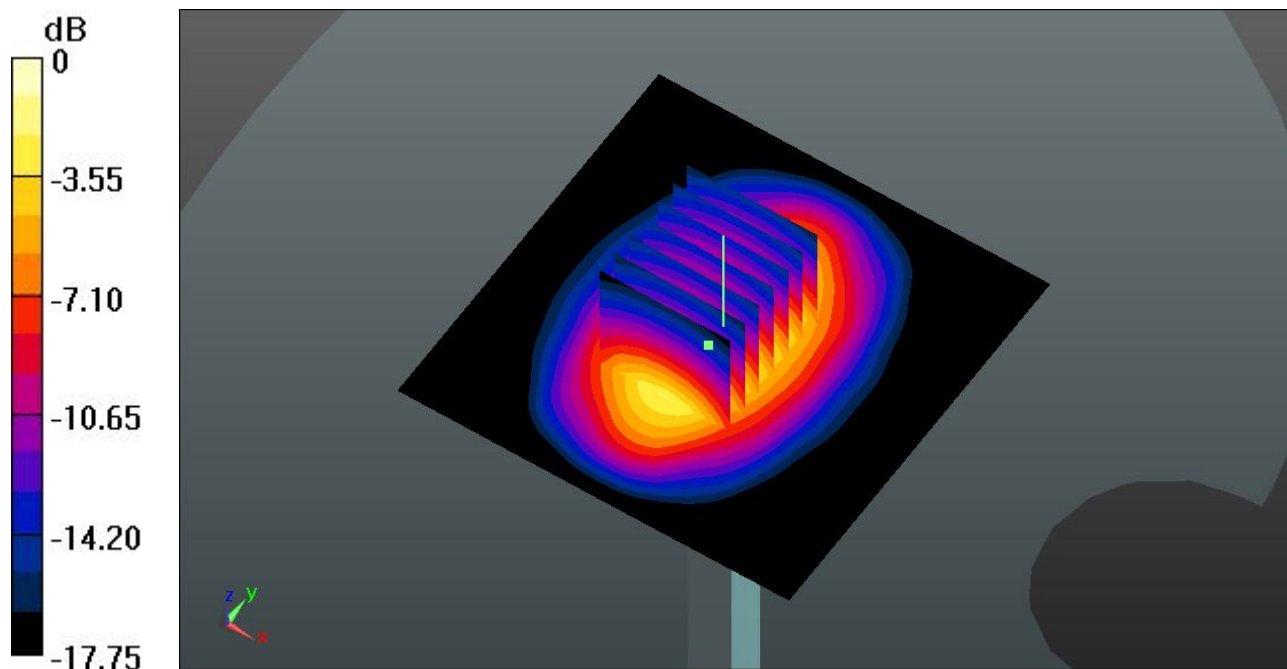
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 87.965 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 17.840 mW/g

SAR(1 g) = 9.62 mW/g; SAR(10 g) = 5 mW/g

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



0 dB = 10.8 mW/g = 20.67 dB mW/g

System Check_Body_1900MHz_120706**DUT: D1900V2 - SN: 5d118**

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

Medium: MSL_1900_120706 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.519$ mho/m; $\epsilon_r =$

53.569 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

Maximum value of SAR (interpolated) = 12.4 mW/g

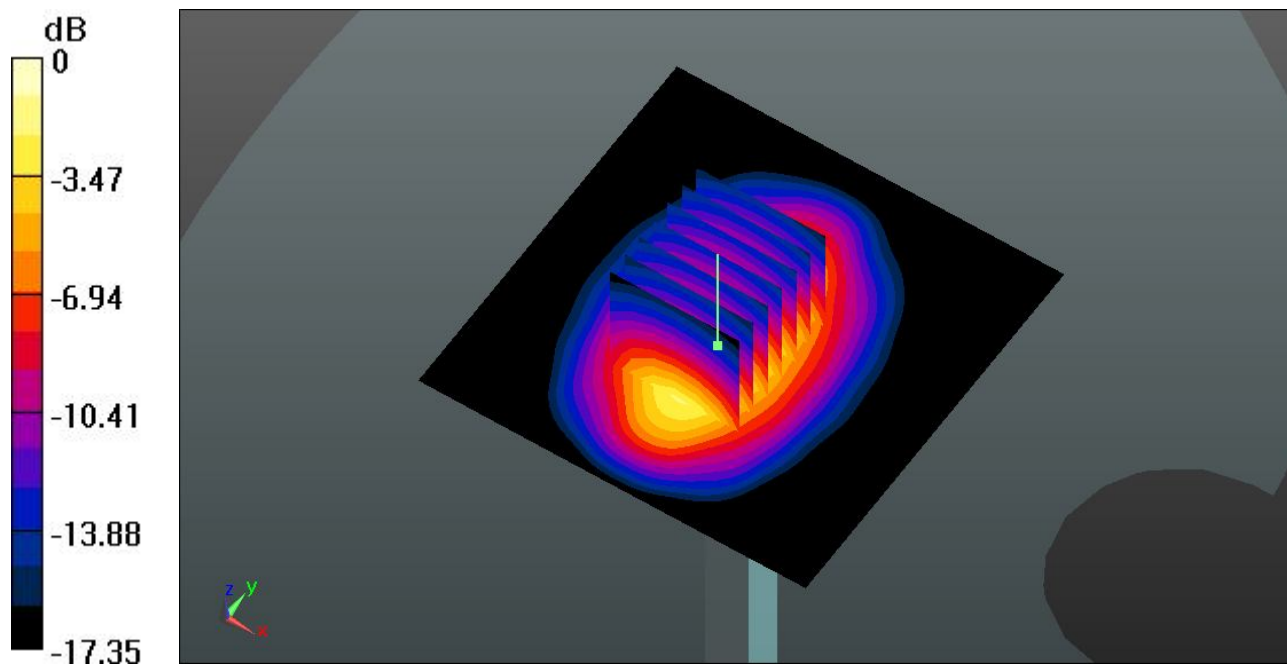
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 88.882 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 19.317 mW/g

SAR(1 g) = 10.6 mW/g; SAR(10 g) = 5.5 mW/g

Maximum value of SAR (measured) = 11.9 mW/g



0 dB = 11.9 mW/g = 21.51 dB mW/g

System Check_Head_2450MHz_120718**DUT: D2450V2 - SN: 736**

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

Medium: HSL_2450_120718 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.861$ mho/m; $\epsilon_r =$

39.575; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 02.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 18.11.2011
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.5 (6469)

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

Maximum value of SAR (interpolated) = 15.1 mW/g

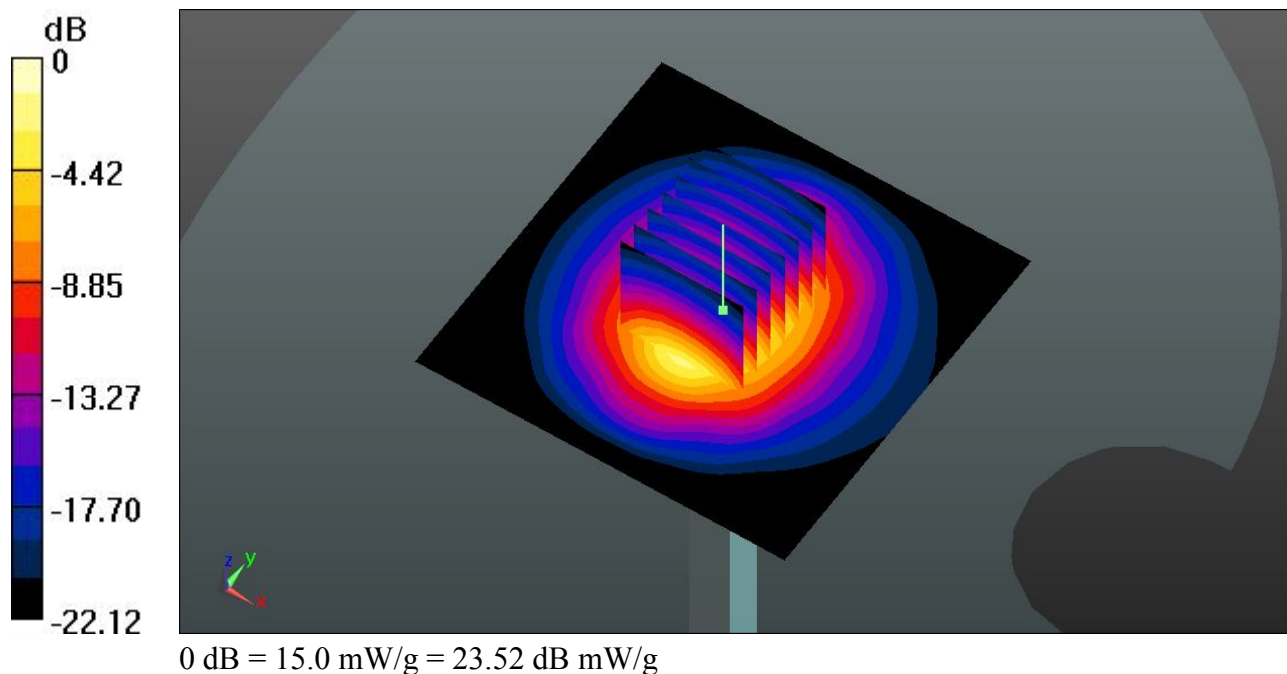
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 90.054 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 28.712 mW/g

SAR(1 g) = 13.2 mW/g; SAR(10 g) = 6.06 mW/g

Maximum value of SAR (measured) = 15.0 mW/g



System Check_Body_2450MHz_120718**DUT: D2450V2 - SN: 736**

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

Medium: MSL_2450_120718 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.949$ mho/m; $\epsilon_r =$

53.894; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 02.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 18.11.2011
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.5 (6469)

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

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

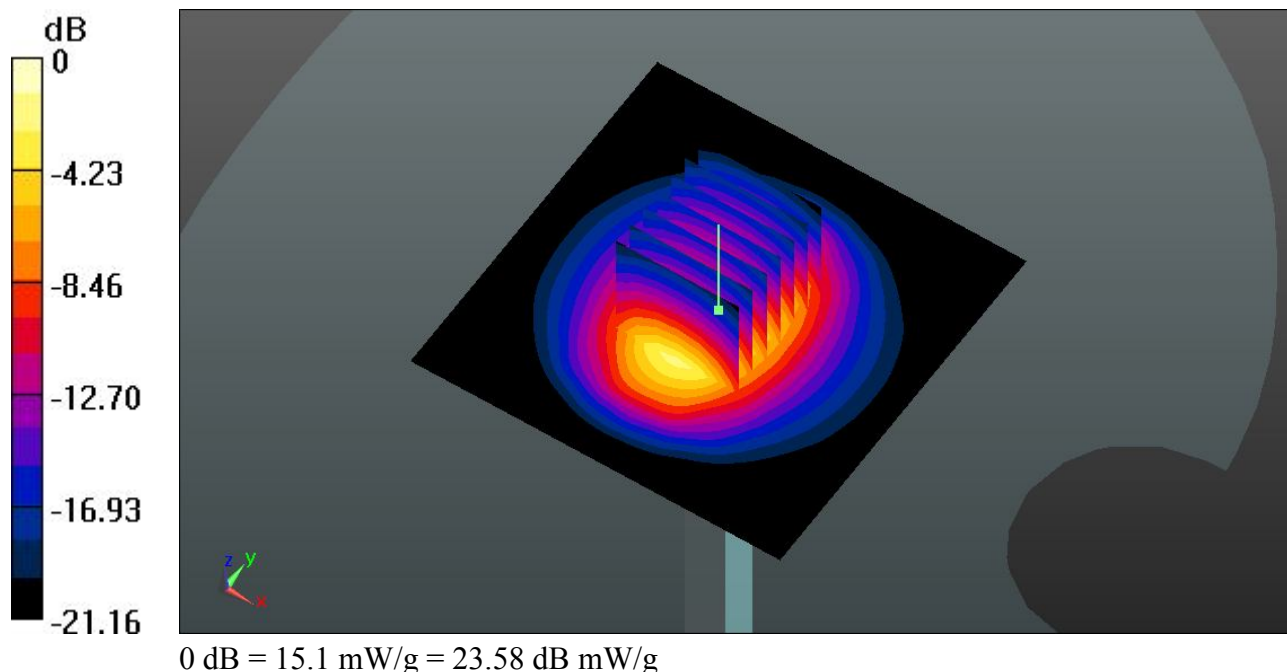
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.365 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 26.805 mW/g

SAR(1 g) = 13.3 mW/g; SAR(10 g) = 6.15 mW/g

Maximum value of SAR (measured) = 15.1 mW/g





Appendix B. Plots of SAR Measurement

The plots are shown as follows.

07 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch777**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: HSL_835_120706 Medium parameters used: $f = 848.5$ MHz; $\sigma = 0.925$ mho/m; $\epsilon_r = 41.681$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.04, 6.04, 6.04); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch777/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.779 mW/g

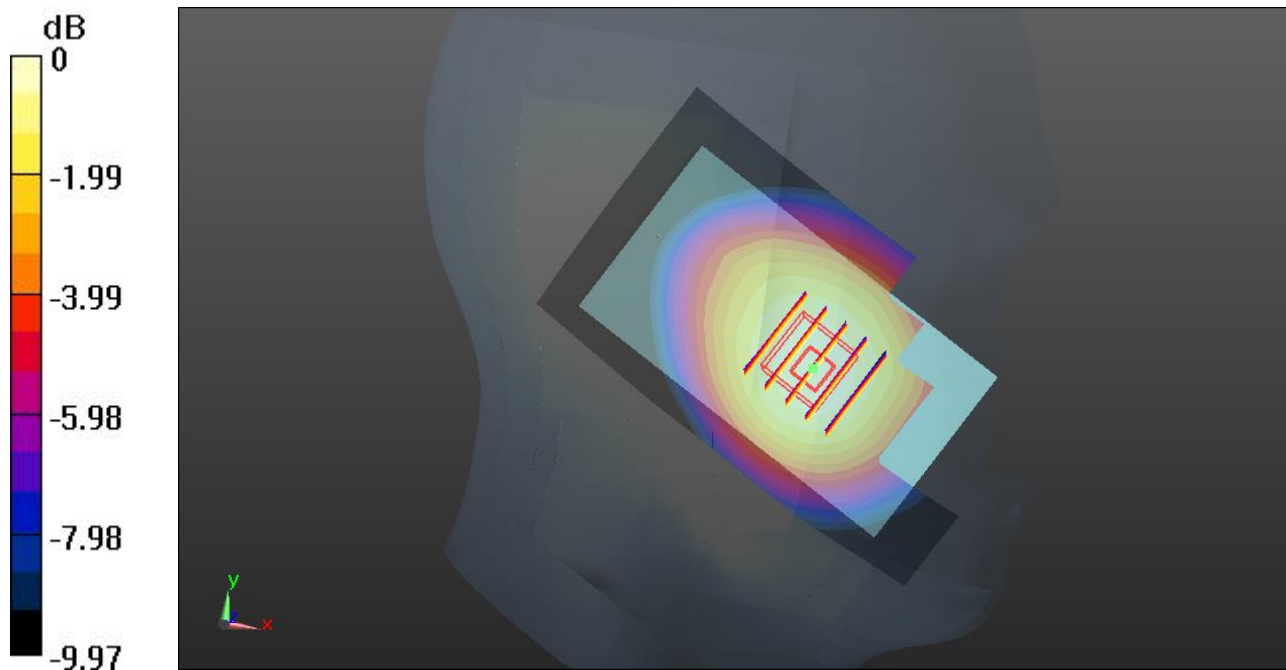
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.279 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.928 mW/g

SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.585 mW/g

Maximum value of SAR (measured) = 0.800 mW/g



0 dB = 0.800 mW/g = -1.94 dB mW/g

07 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch777_2D**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: HSL_835_120706 Medium parameters used: $f = 848.5$ MHz; $\sigma = 0.925$ mho/m; $\epsilon_r =$

41.681; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.04, 6.04, 6.04); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch777/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.779 mW/g

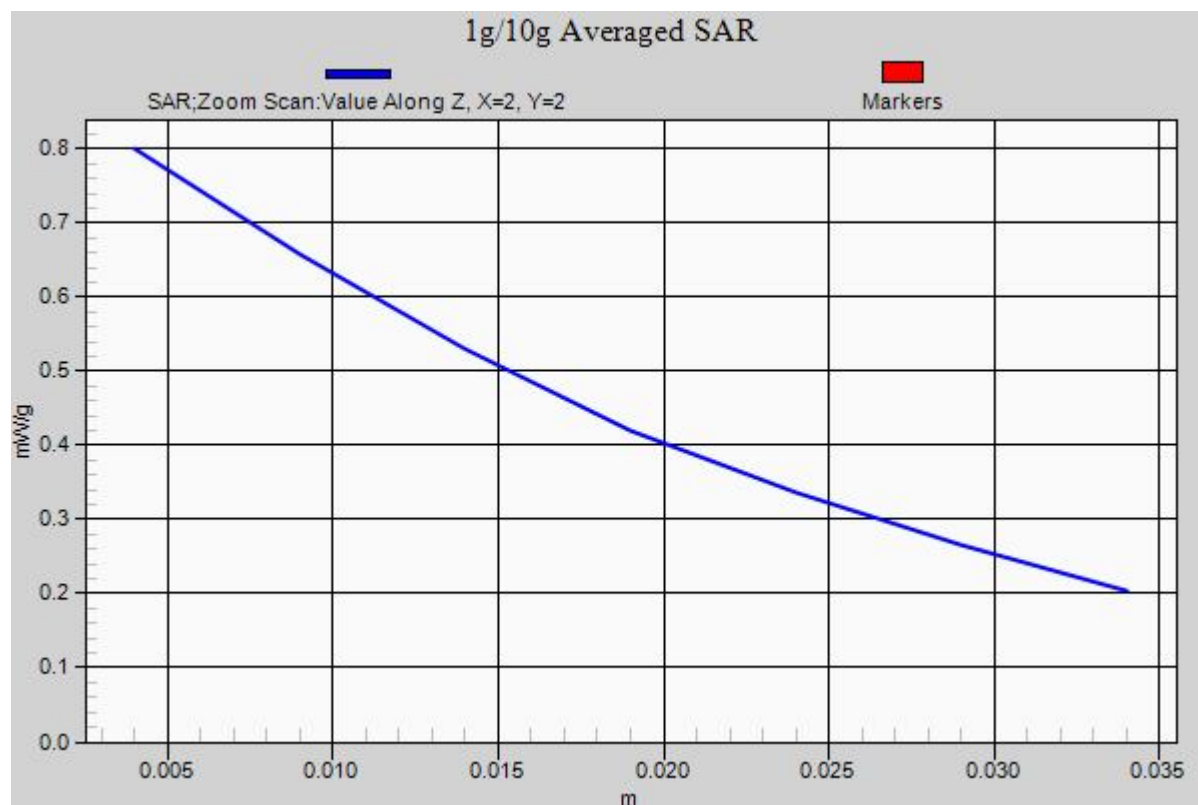
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.279 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.928 mW/g

SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.585 mW/g

Maximum value of SAR (measured) = 0.800 mW/g



26 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch1013**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_835_120706 Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.905$ mho/m; $\epsilon_r = 41.923$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.04, 6.04, 6.04); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.702 mW/g

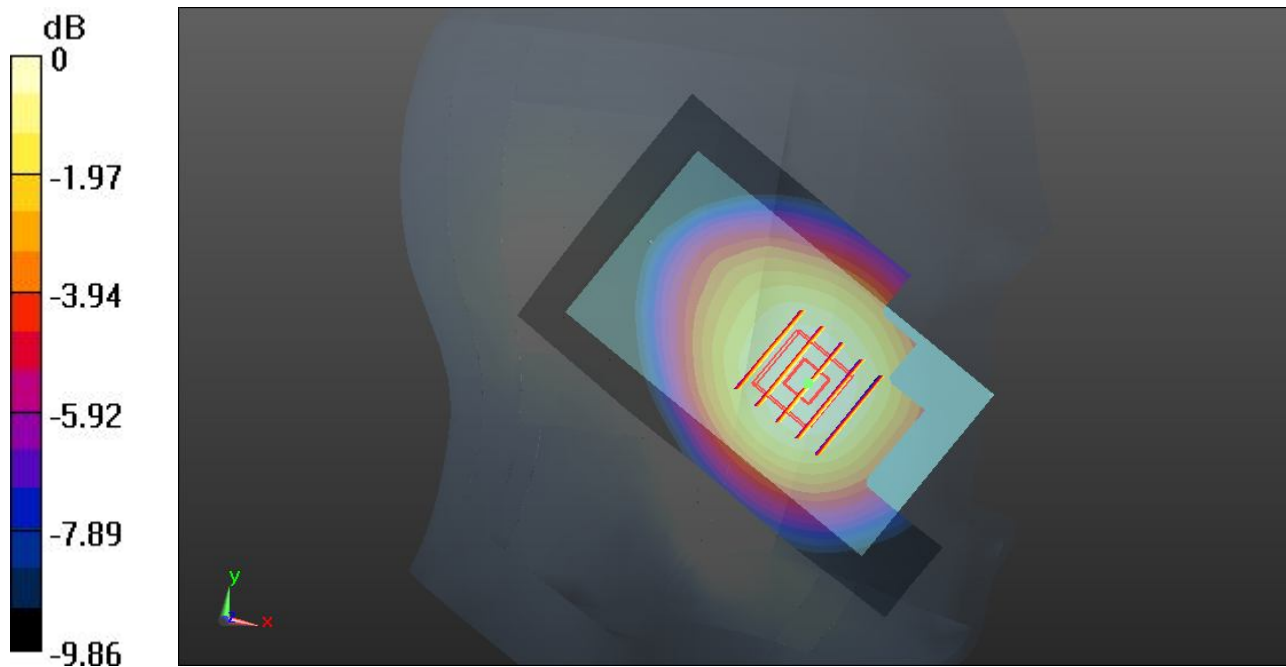
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.383 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.806 mW/g

SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.528 mW/g

Maximum value of SAR (measured) = 0.699 mW/g



0 dB = 0.699 mW/g = -3.11 dB mW/g

27 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch384**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL_835_120706 Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.915$ mho/m; $\epsilon_r =$

41.816 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.04, 6.04, 6.04); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch384/Area Scan (61x101x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.764 mW/g

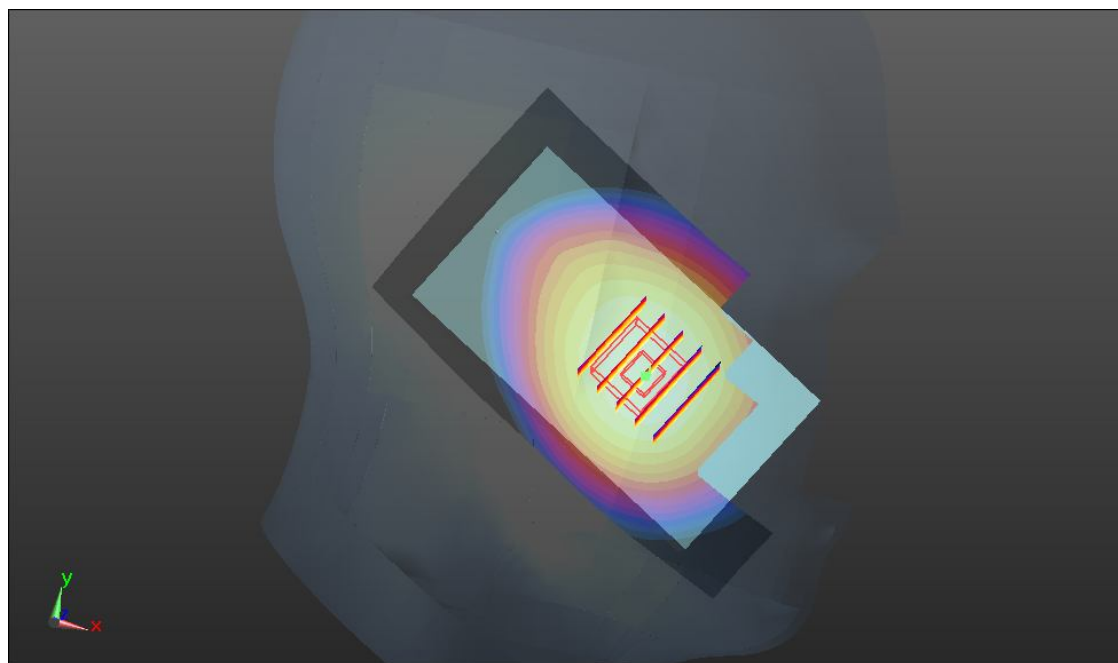
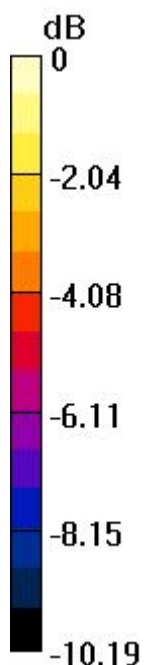
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.472 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.885 mW/g

SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.570 mW/g

Maximum value of SAR (measured) = 0.768 mW/g



0 dB = 0.768 mW/g = -2.29 dB mW/g

20 CDMA2000 BC15_RC3 SO55_Left Cheek_Ch425**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: HSL_1750_120709 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r =$

40.263; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.32, 5.32, 5.32); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch425/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

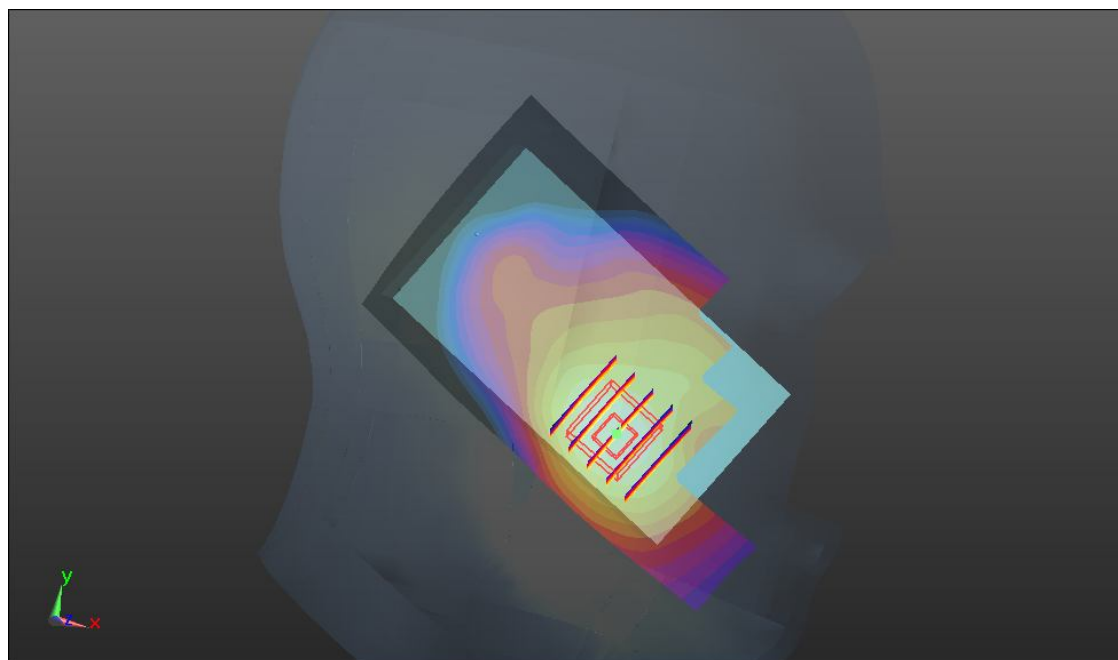
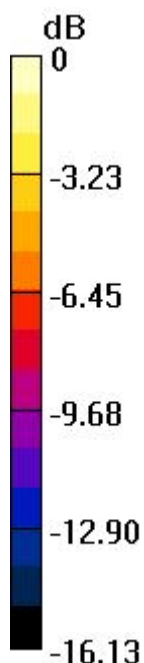
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.266 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.599 mW/g

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.664 mW/g

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



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

20 CDMA2000 BC15_RC3 SO55_Left Cheek_Ch425_2D**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: HSL_1750_120709 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r =$

40.263; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.32, 5.32, 5.32); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch425/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

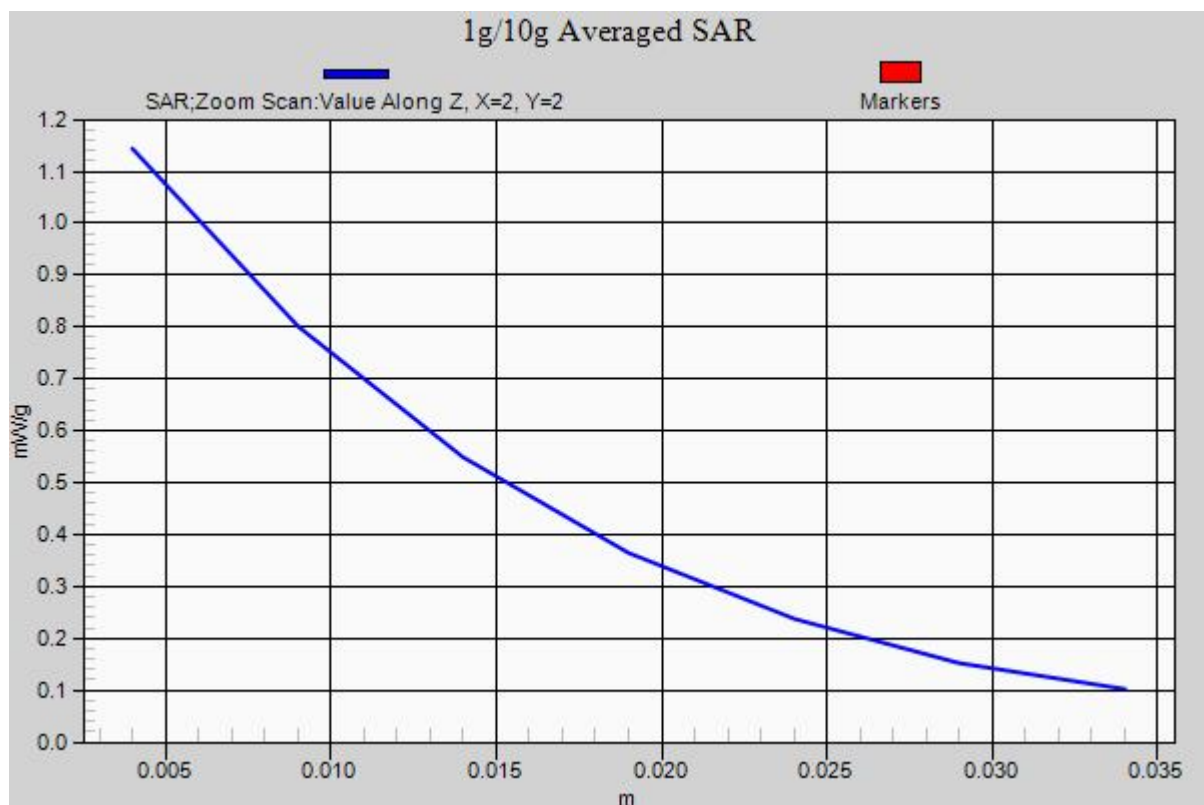
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.266 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.599 mW/g

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.664 mW/g

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



21 CDMA2000 BC15_RC3 SO55_Left Cheek_Ch25**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: HSL_1750_120709 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.339$ mho/m; $\epsilon_r =$

40.319 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.32, 5.32, 5.32); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch25/Area Scan (61x101x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

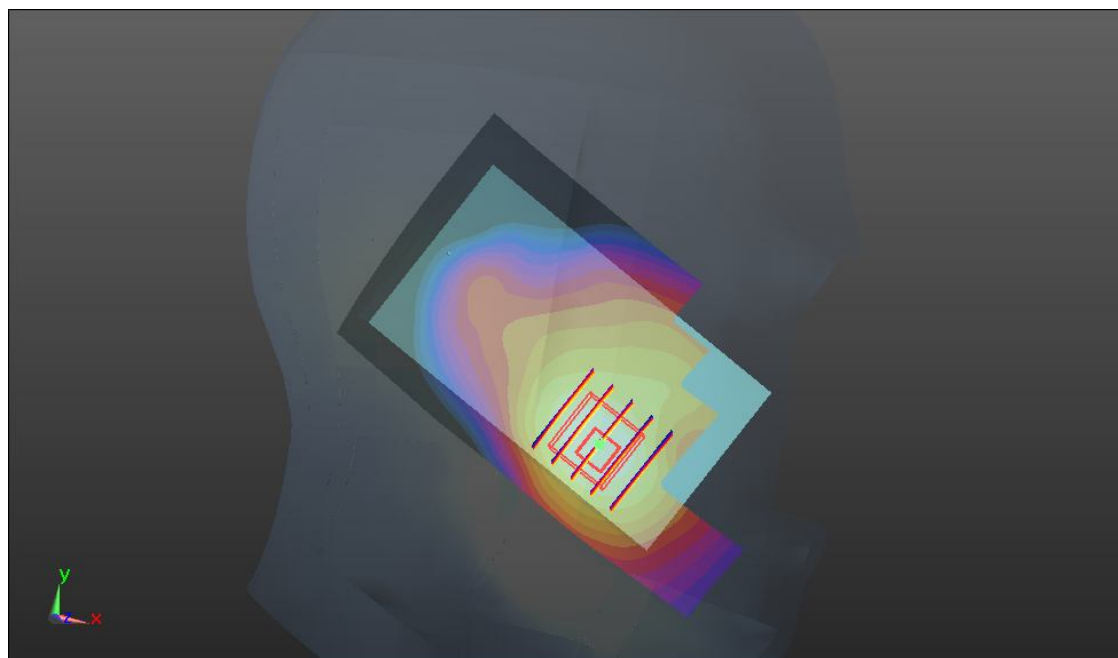
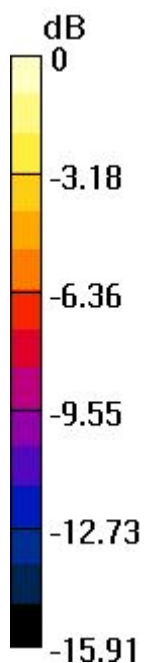
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.699 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.393 mW/g

SAR(1 g) = 0.928 mW/g; SAR(10 g) = 0.574 mW/g

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



0 dB = 0.986 mW/g = -0.12 dB mW/g

22 CDMA2000 BC15_RC3 SO55_Left Cheek_Ch875**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: HSL_1750_120709 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.382$ mho/m; $\epsilon_r =$

40.188; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.32, 5.32, 5.32); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

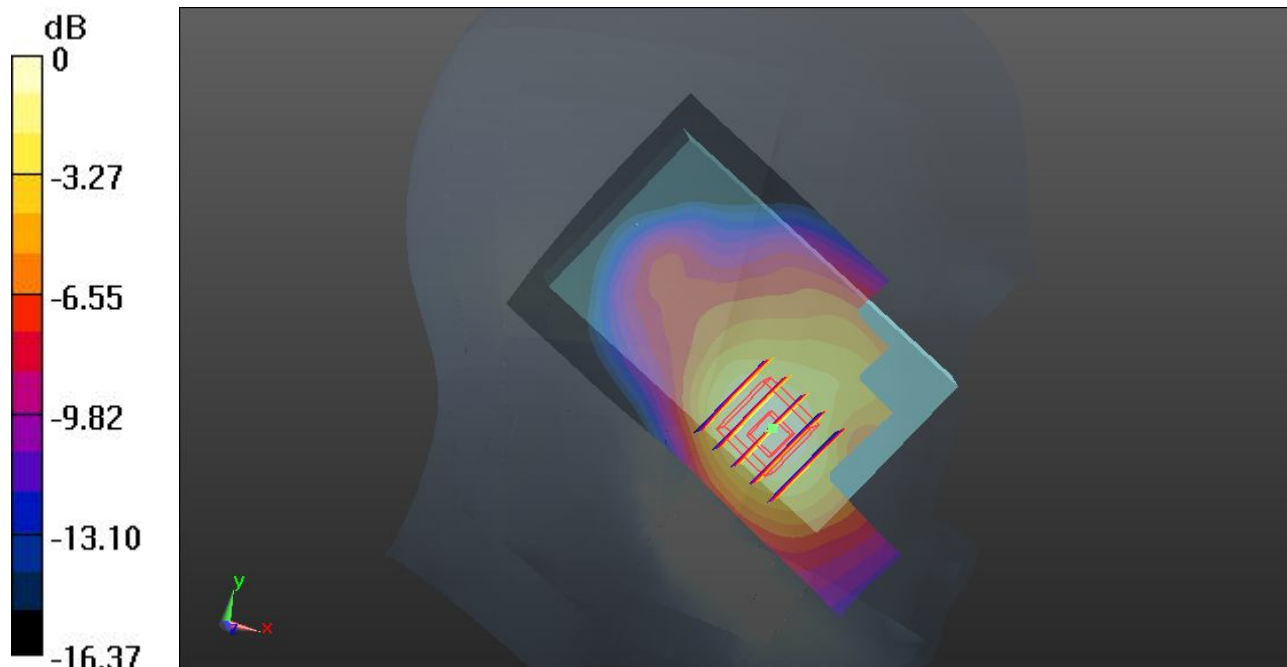
Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.587 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.184 mW/g

SAR(1 g) = 0.787 mW/g; SAR(10 g) = 0.481 mW/g

Maximum value of SAR (measured) = 0.836 mW/g



0 dB = 0.836 mW/g = -1.56 dB mW/g

23 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch25**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120709 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.366$ mho/m; $\epsilon_r =$

41.26; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.14, 5.14, 5.14); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.873 mW/g

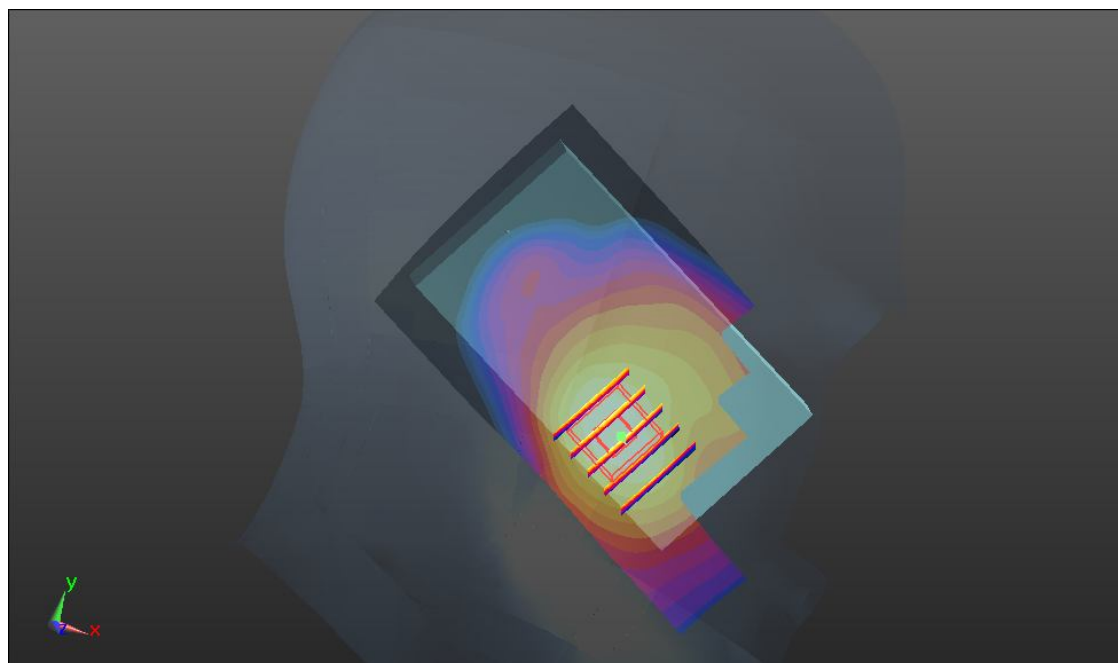
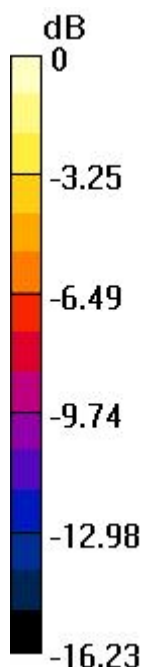
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.644 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.211 mW/g

SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.501 mW/g

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



0 dB = 0.871 mW/g = -1.20 dB mW/g

23 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch25_2D**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120709 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.366$ mho/m; $\epsilon_r =$

41.26; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.14, 5.14, 5.14); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.873 mW/g

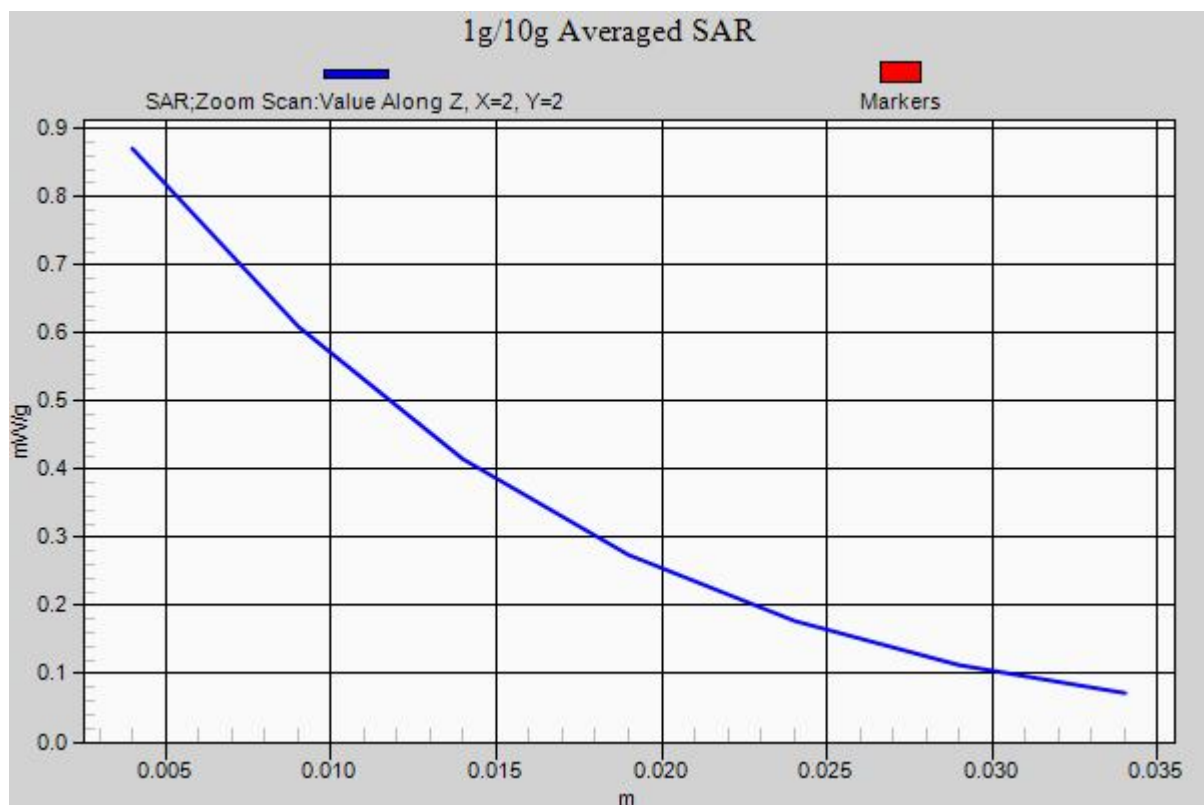
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.644 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.211 mW/g

SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.501 mW/g

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



24 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch600**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120709 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$

41.184; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.14, 5.14, 5.14); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch600/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.812 mW/g

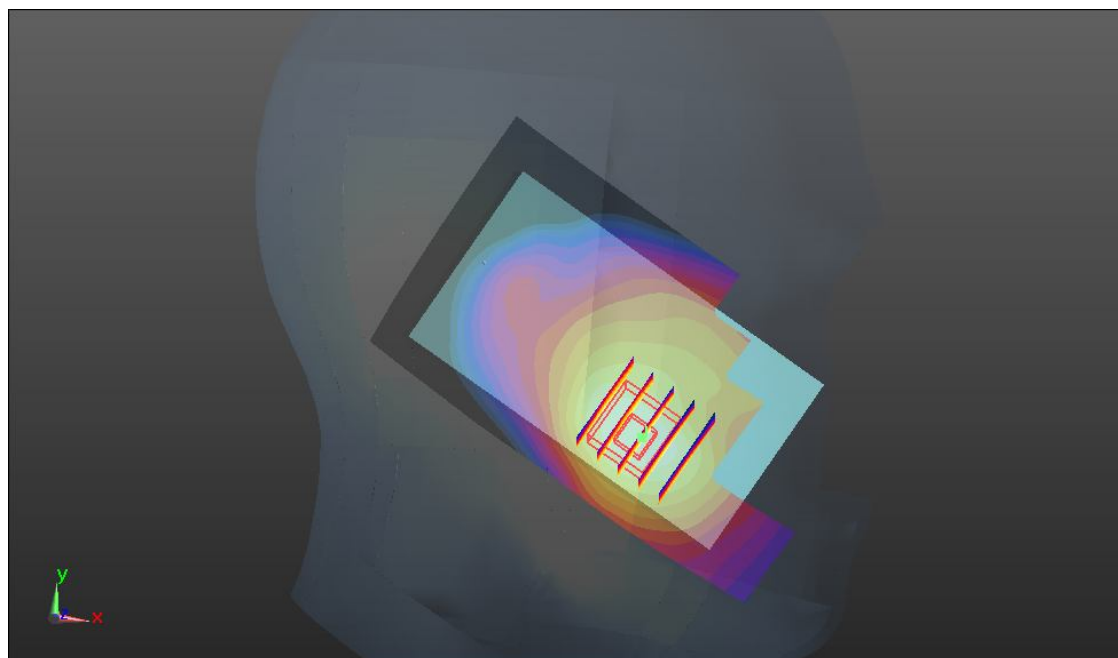
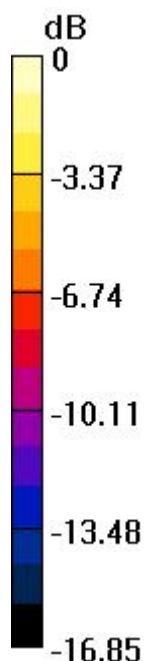
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.597 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.155 mW/g

SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.458 mW/g

Maximum value of SAR (measured) = 0.807 mW/g



0 dB = 0.807 mW/g = -1.86 dB mW/g

25 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch1175**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120709 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r = 41.19$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.14, 5.14, 5.14); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

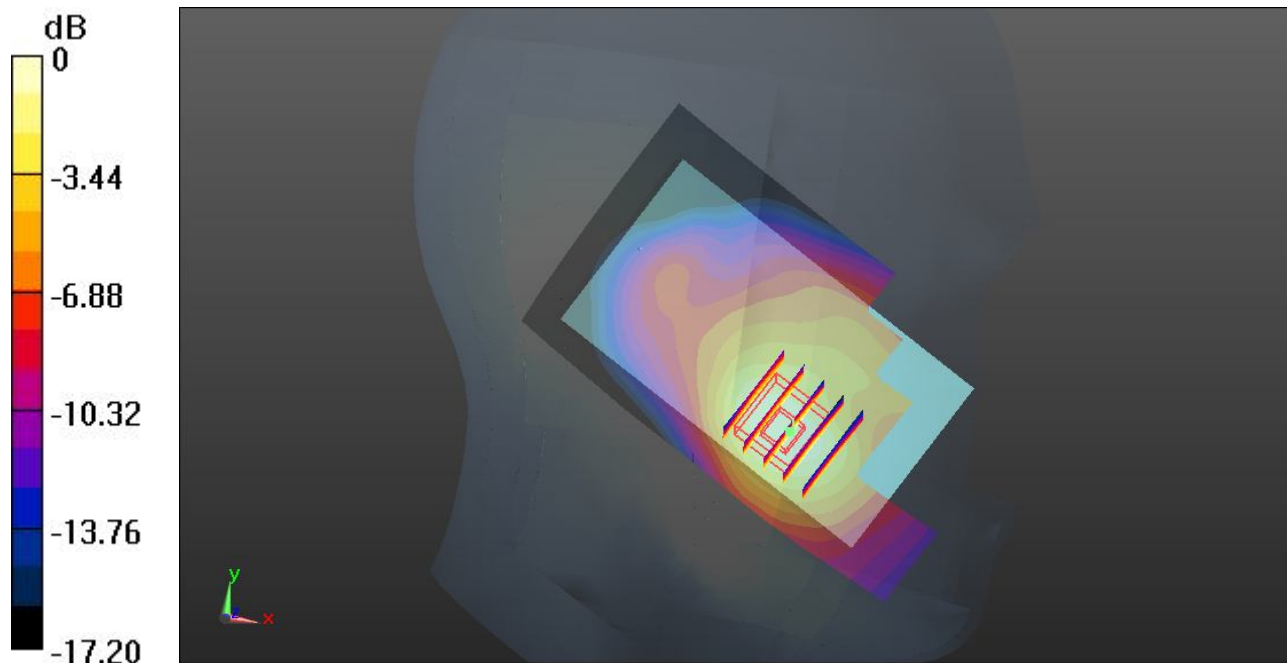
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.386 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.243 mW/g

SAR(1 g) = 0.809 mW/g; SAR(10 g) = 0.483 mW/g

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



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

28 802.11b_Left Cheek_Ch6**DUT: 220101-01**

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL_2450_120718 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.846$ mho/m; $\epsilon_r =$

39.627 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 02.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 18.11.2011
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (71x101x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

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

Reference Value = 11.850 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.414 mW/g

SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.288 mW/g

Maximum value of SAR (measured) = 0.363 mW/g

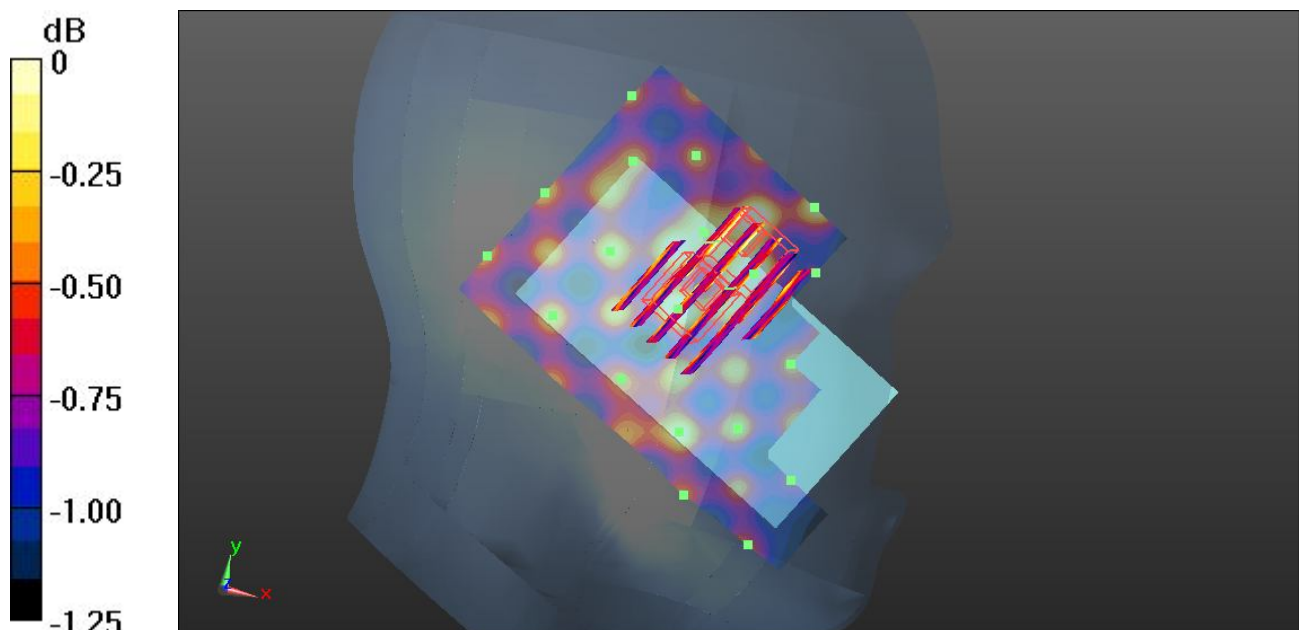
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.850 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.320 mW/g

SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.276 mW/g

Maximum value of SAR (measured) = 0.320 mW/g



0 dB = 0.320 mW/g = -9.90 dB mW/g

29 802.11b_Left Cheek_Ch1**DUT: 220101-01**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_120718 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.817$ mho/m; $\epsilon_r =$

39.724; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 02.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 18.11.2011
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.5 (6469)

Ch1/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.386 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.340 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.446 mW/g

SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.402 mW/g

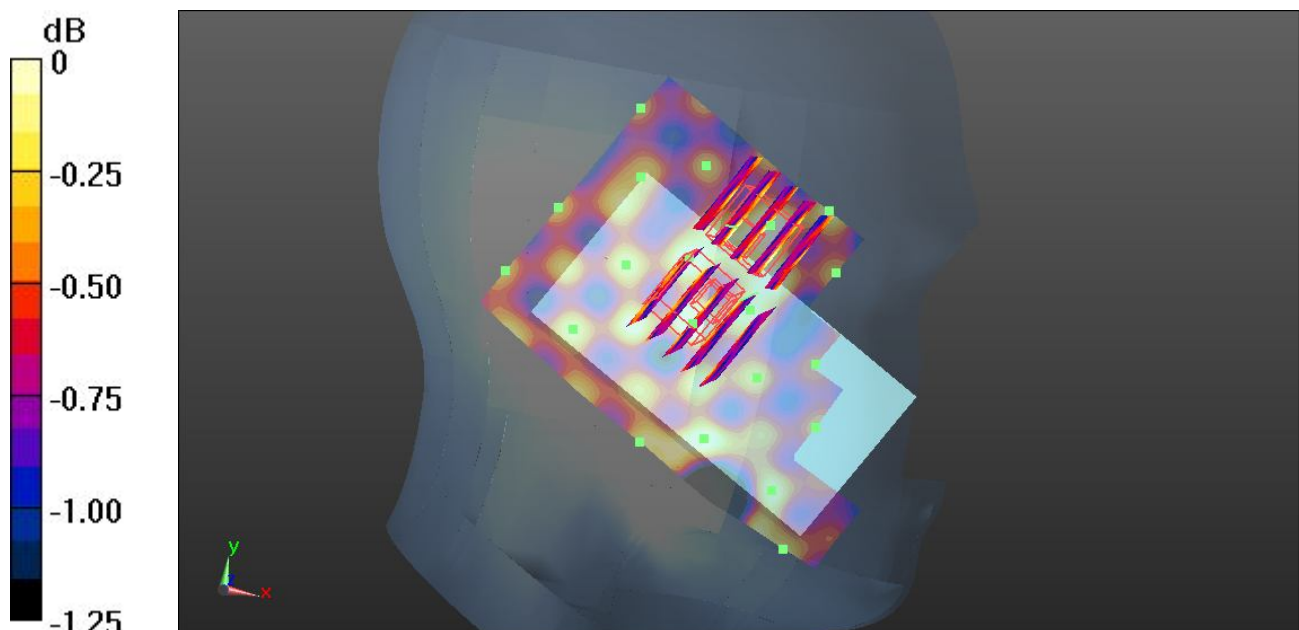
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.340 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.362 mW/g

SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.309 mW/g

Maximum value of SAR (measured) = 0.360 mW/g



0 dB = 0.360 mW/g = -8.87 dB mW/g

30 802.11b_Left Cheek_Ch11**DUT: 220101-01**

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_120718 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.874$ mho/m; $\epsilon_r =$

39.532 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 02.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 18.11.2011
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (71x101x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.415 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.998 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.434 mW/g

SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.353 mW/g

Maximum value of SAR (measured) = 0.434 mW/g

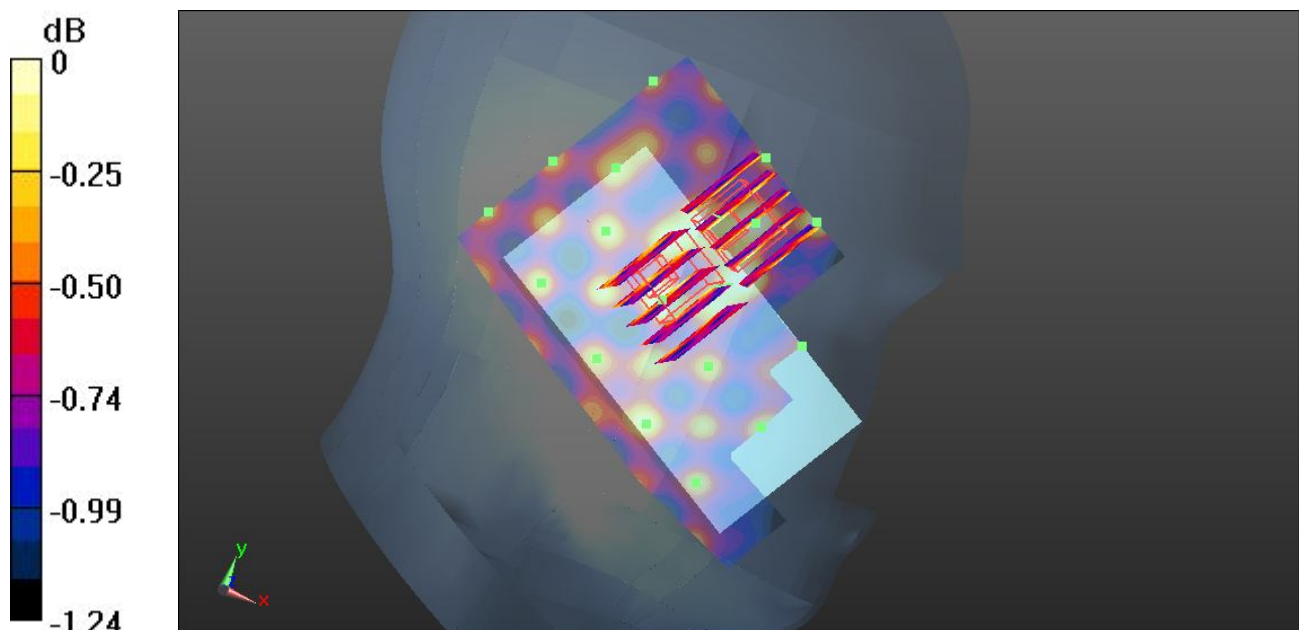
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.998 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.390 mW/g

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.339 mW/g

Maximum value of SAR (measured) = 0.390 mW/g



0 dB = 0.390 mW/g = -8.18 dB mW/g

30 802.11b_Left Cheek_Ch11_2D

DUT: 220101-01

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_120718 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.874$ mho/m; $\epsilon_r =$

39.532; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 02.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 18.11.2011
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.415 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.998 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.434 mW/g

SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.353 mW/g

Maximum value of SAR (measured) = 0.434 mW/g

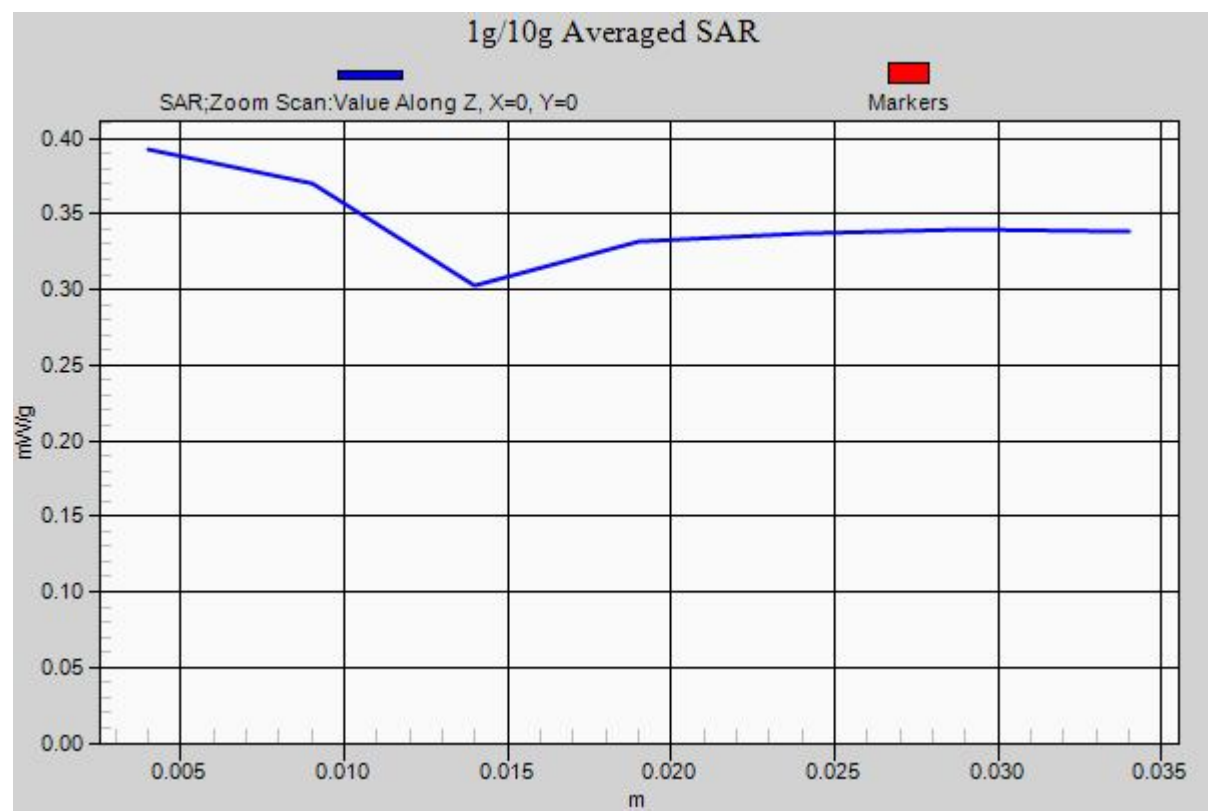
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.998 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.390 mW/g

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.339 mW/g

Maximum value of SAR (measured) = 0.390 mW/g



11 CDMA2000 BC0_RTAP 153.6_Back_1.0cm_Ch1013**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_120709 Medium parameters used: $f = 825$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r = 56.582$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

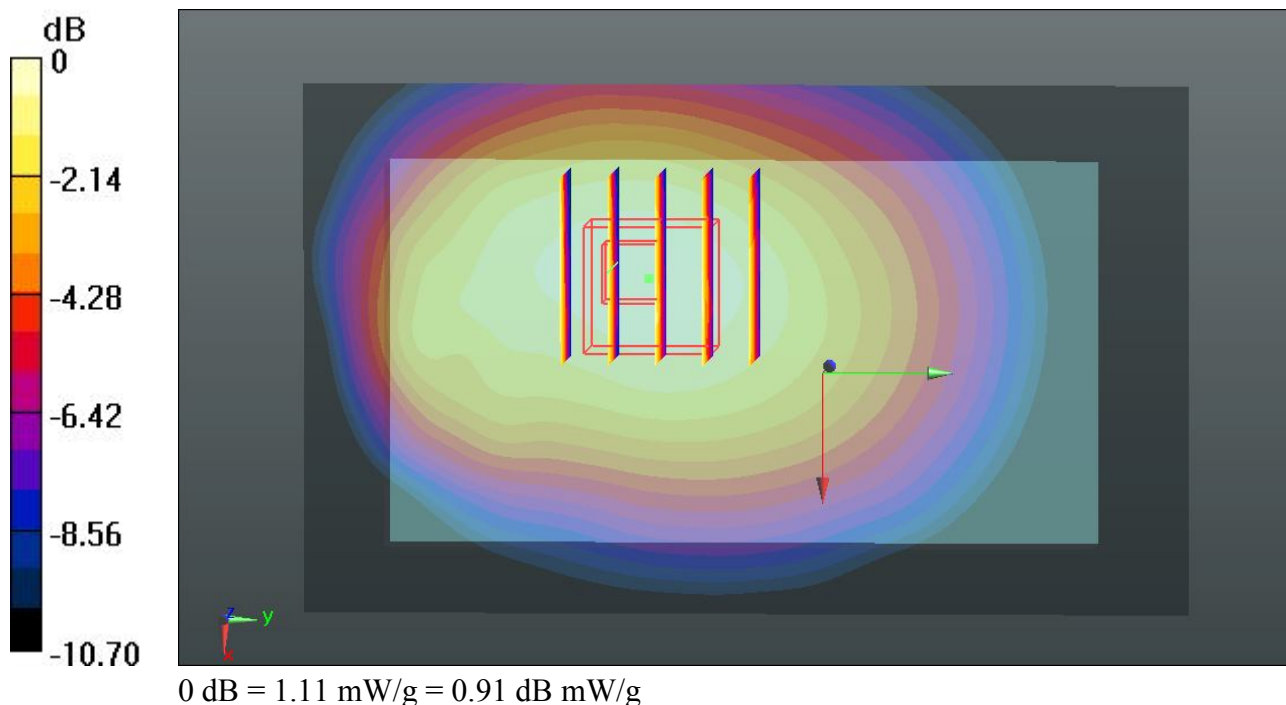
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.539 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.558 mW/g

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.739 mW/g

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



11 CDMA2000 BC0_RTAP 153.6_Back_1.0cm_Ch1013_2D**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_120709 Medium parameters used: $f = 825$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r = 56.582$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

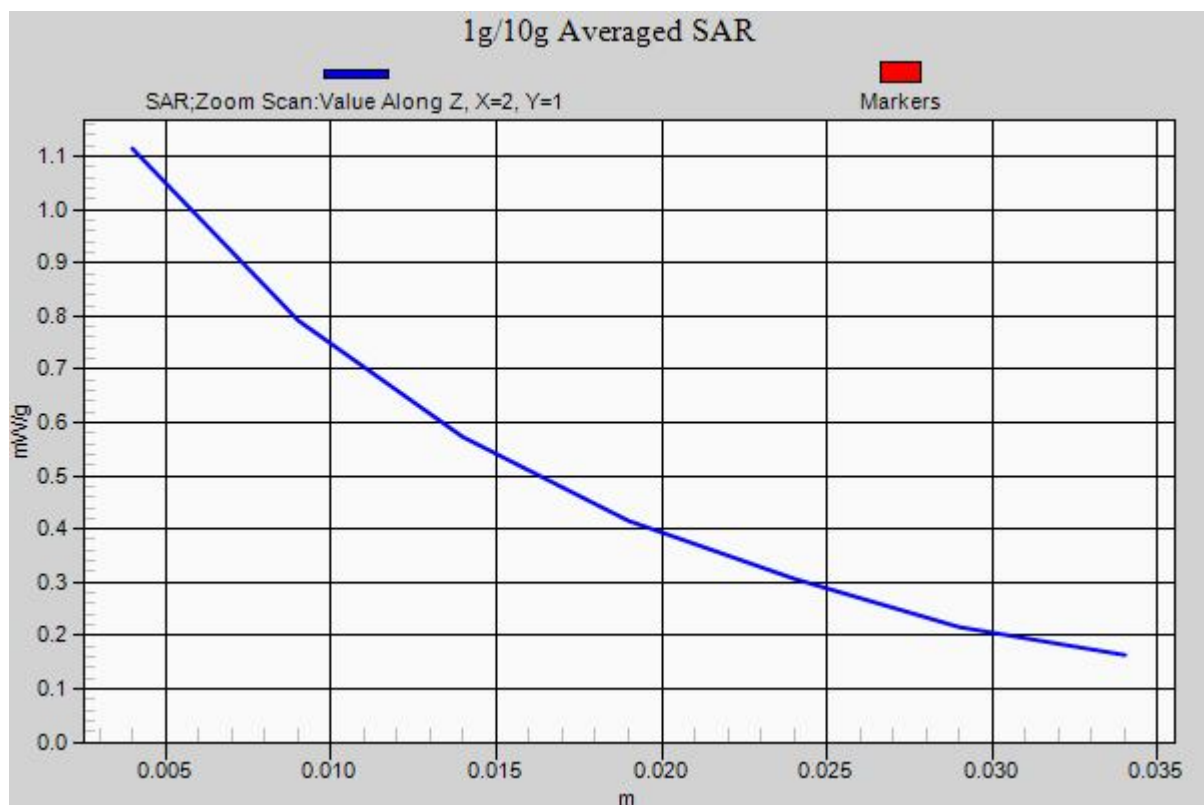
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.539 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.558 mW/g

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.739 mW/g

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



12 CDMA2000 BC0_RTAP 153.6_Back_1.0cm_Ch384**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL_835_120709 Medium parameters used: $f = 837$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 56.482$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch384/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

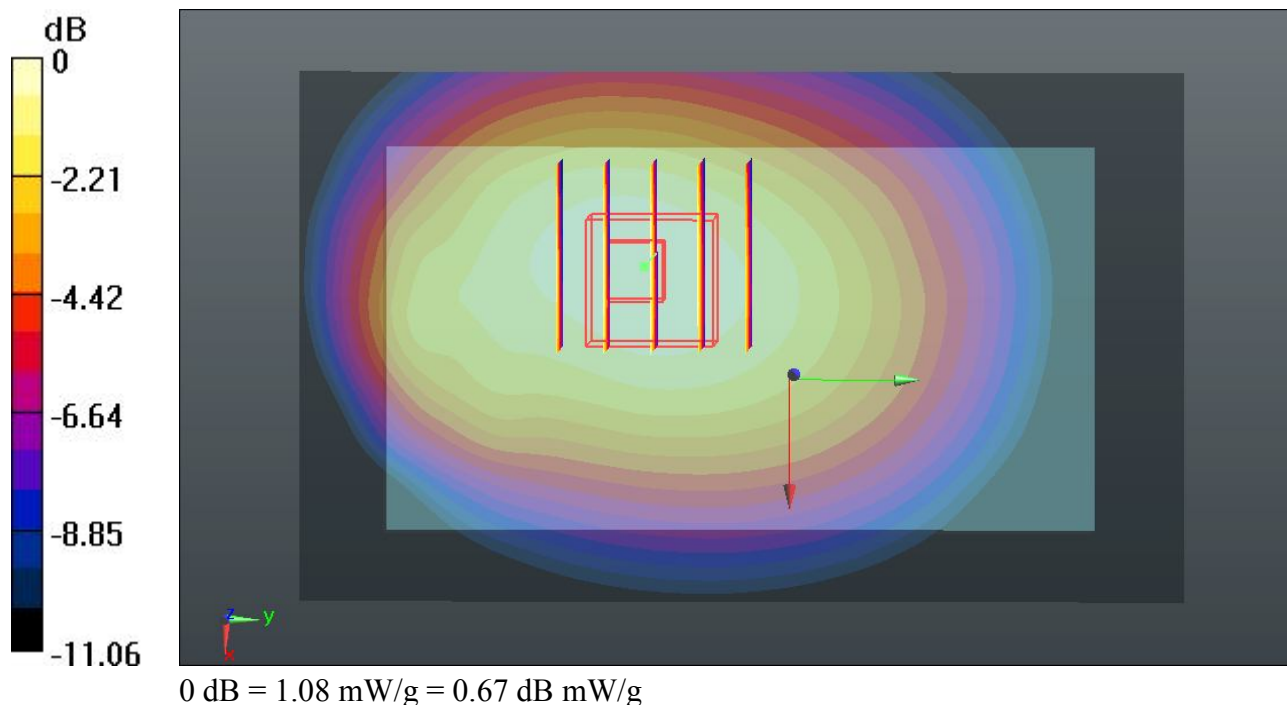
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.190 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.429 mW/g

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.736 mW/g

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



13 CDMA2000 BC0_RTAP 153.6_Back_1.0cm_Ch777**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL_835_120709 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r =$

56.376; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch777/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.997 mW/g

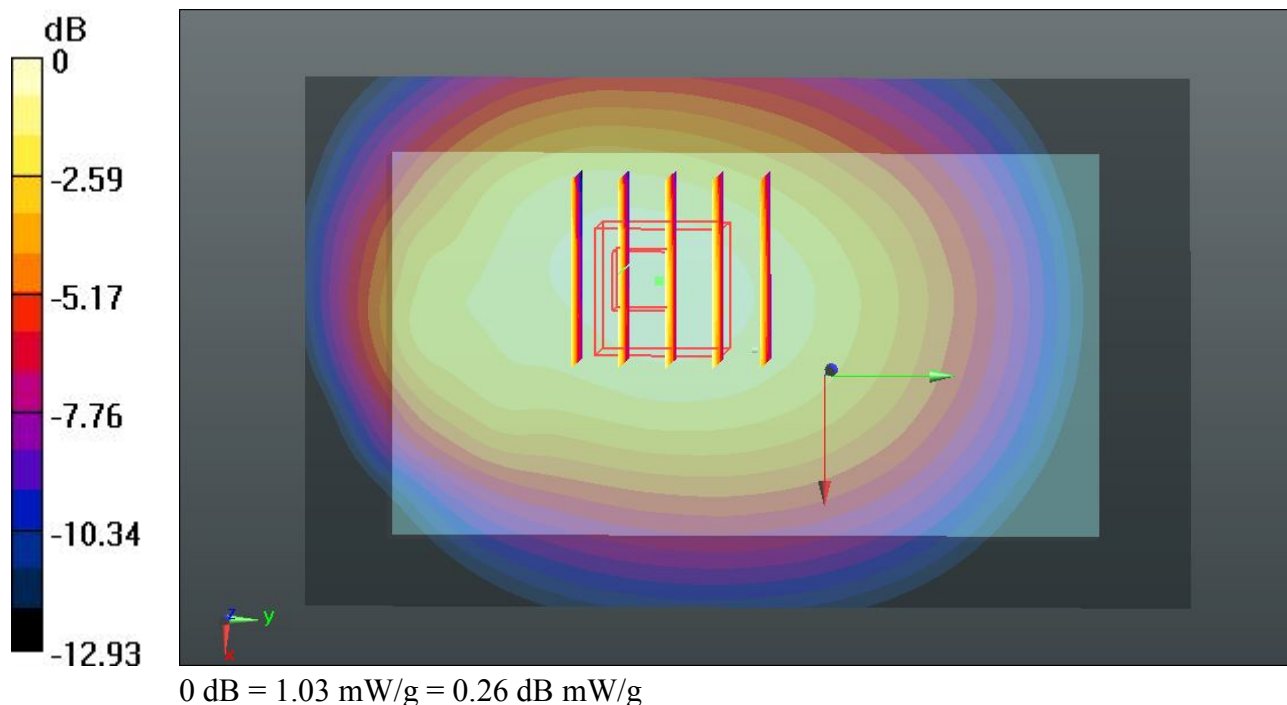
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.354 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.362 mW/g

SAR(1 g) = 0.987 mW/g; SAR(10 g) = 0.703 mW/g

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



14 CDMA2000 BC0_RC3 SO32_Back_1.0cm_Ch777_Headset**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL_835_120709 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r =$

56.376; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch777/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.689 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.373 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.899 mW/g

SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.474 mW/g

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

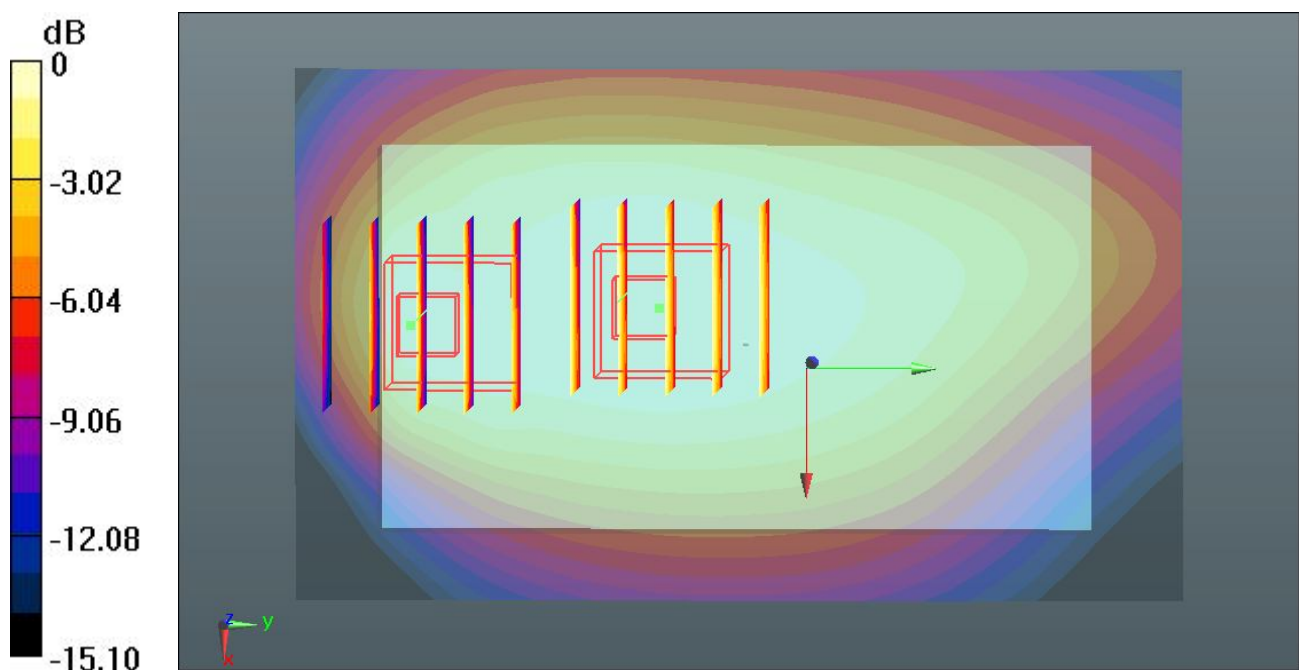
Ch777/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.373 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.960 mW/g

SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.349 mW/g

Maximum value of SAR (measured) = 0.633 mW/g



0 dB = 0.633 mW/g = -3.97 dB mW/g

15 CDMA2000 BC0_RC3 SO32_Back_1.0cm_Ch1013_Headset**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_120709 Medium parameters used: $f = 825$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r = 56.582$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.584 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.143 mW/g

SAR(1 g) = 0.847 mW/g; SAR(10 g) = 0.612 mW/g

Maximum value of SAR (measured) = 0.883 mW/g

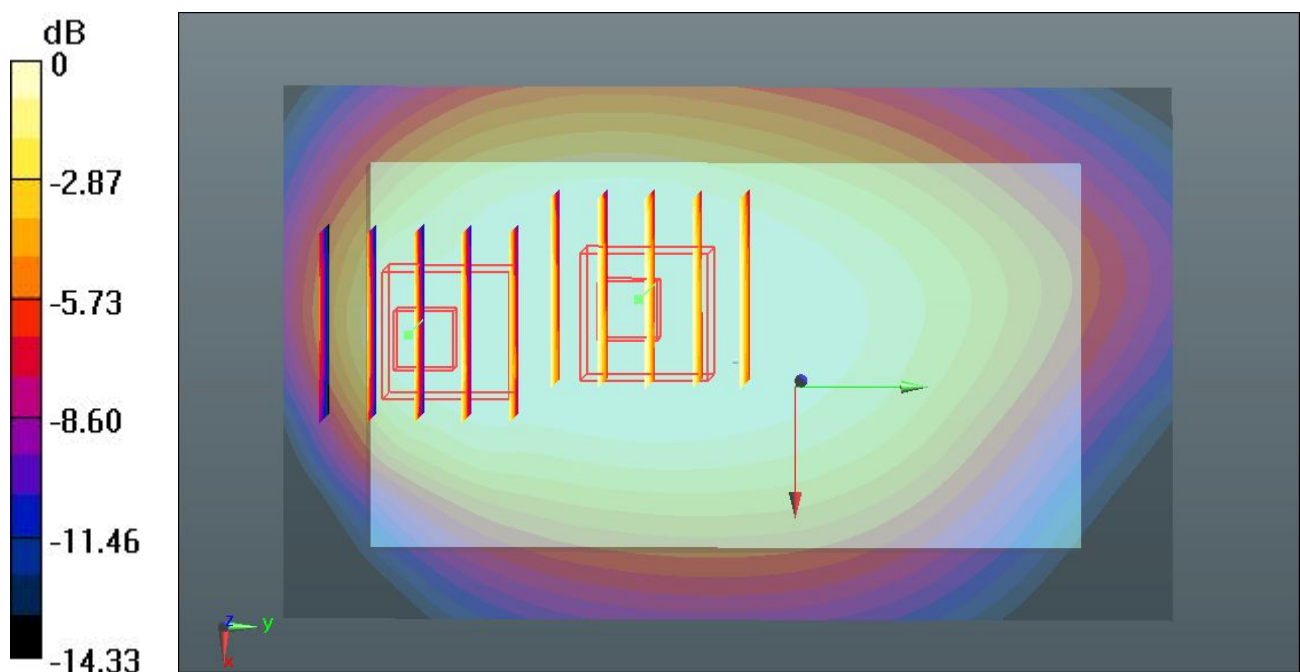
Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.584 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.029 mW/g

SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.417 mW/g

Maximum value of SAR (measured) = 0.689 mW/g



16 CDMA2000 BC0_RC3 SO32_Back_1.0cm_Ch384_Headset**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL_835_120709 Medium parameters used: $f = 837$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 56.482$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch384/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.690 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.053 mW/g

SAR(1 g) = 0.785 mW/g; SAR(10 g) = 0.568 mW/g

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

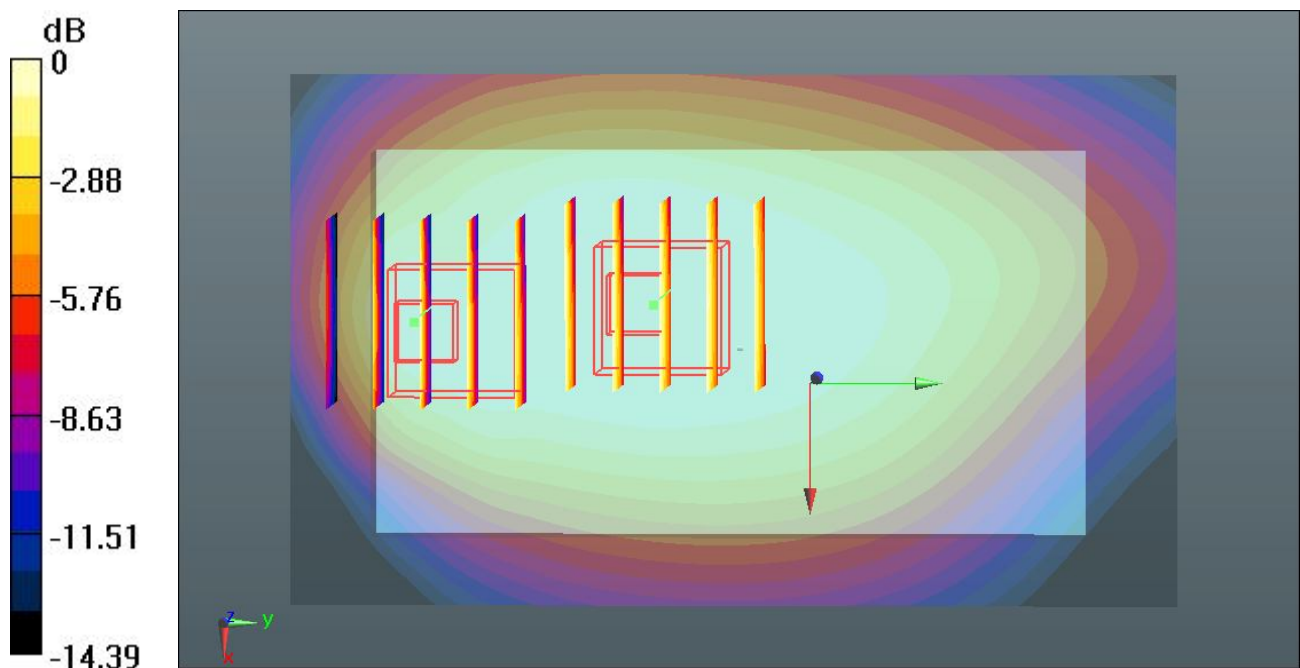
Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.690 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.016 mW/g

SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.390 mW/g

Maximum value of SAR (measured) = 0.673 mW/g



01 CDMA2000 BC15_RTAP 153.6_Back_1.0cm_Ch425**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120706 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.491$ mho/m; $\epsilon_r =$

55.304; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.87, 4.87, 4.87); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch425/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

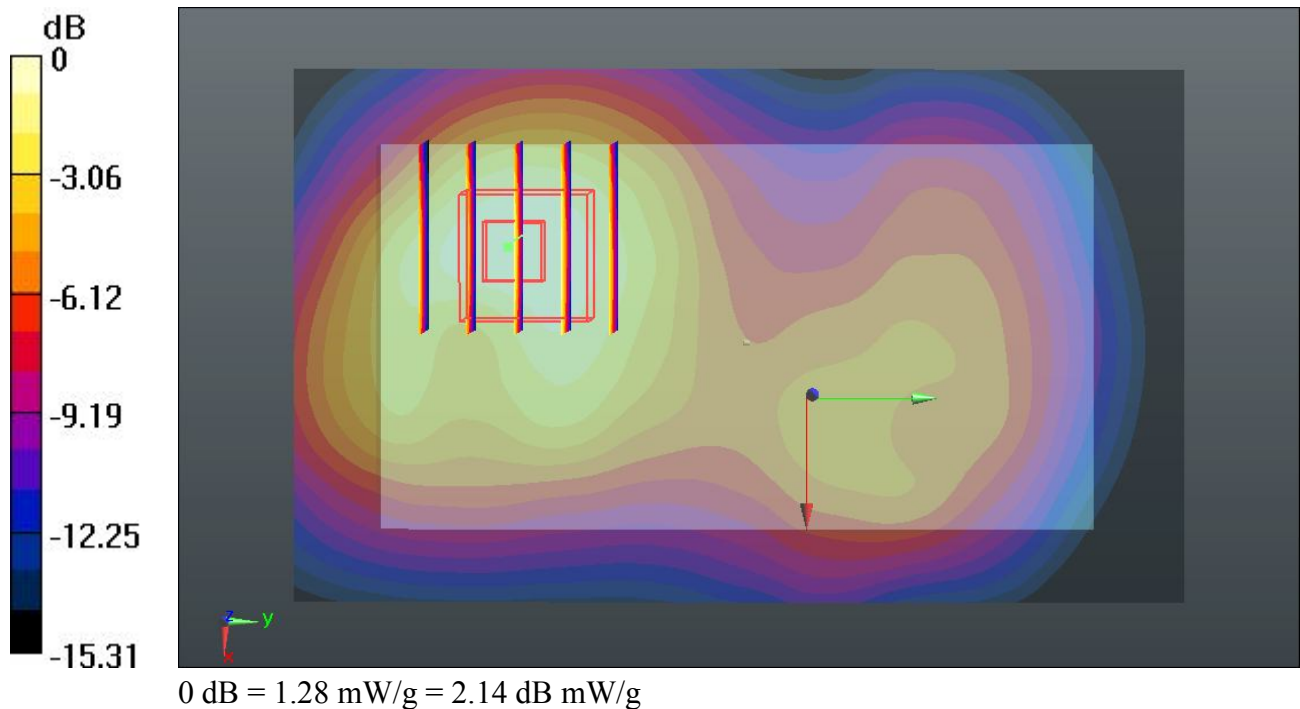
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.329 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.906 mW/g

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.727 mW/g

Maximum value of SAR (measured) = 1.28 mW/g



02 CDMA2000 BC15_RTAP 153.6_Back_1.0cm_Ch25**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120706 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r =$

55.336 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.87, 4.87, 4.87); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch25/Area Scan (61x101x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

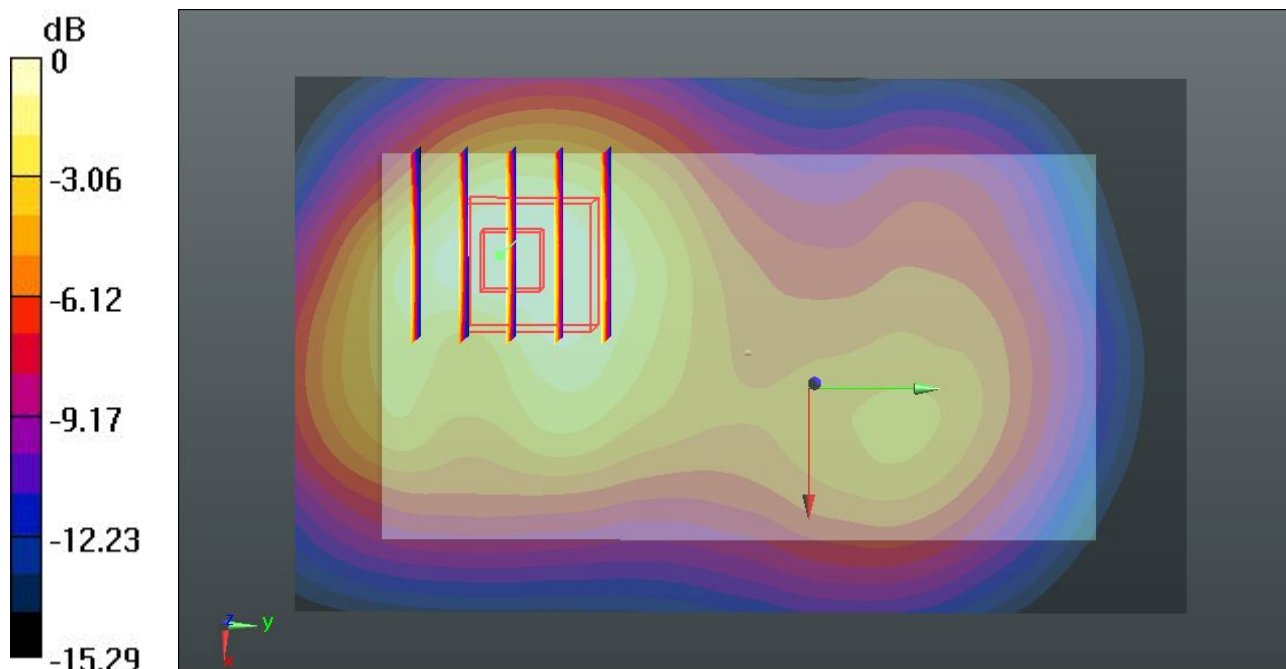
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.280 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.606 mW/g

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.621 mW/g

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



0 dB = 1.09 mW/g = 0.75 dB mW/g

03 CDMA2000 BC15_RTAP 153.6_Back_1.0cm_Ch875**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120706 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r =$

55.266; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.87, 4.87, 4.87); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.969 mW/g

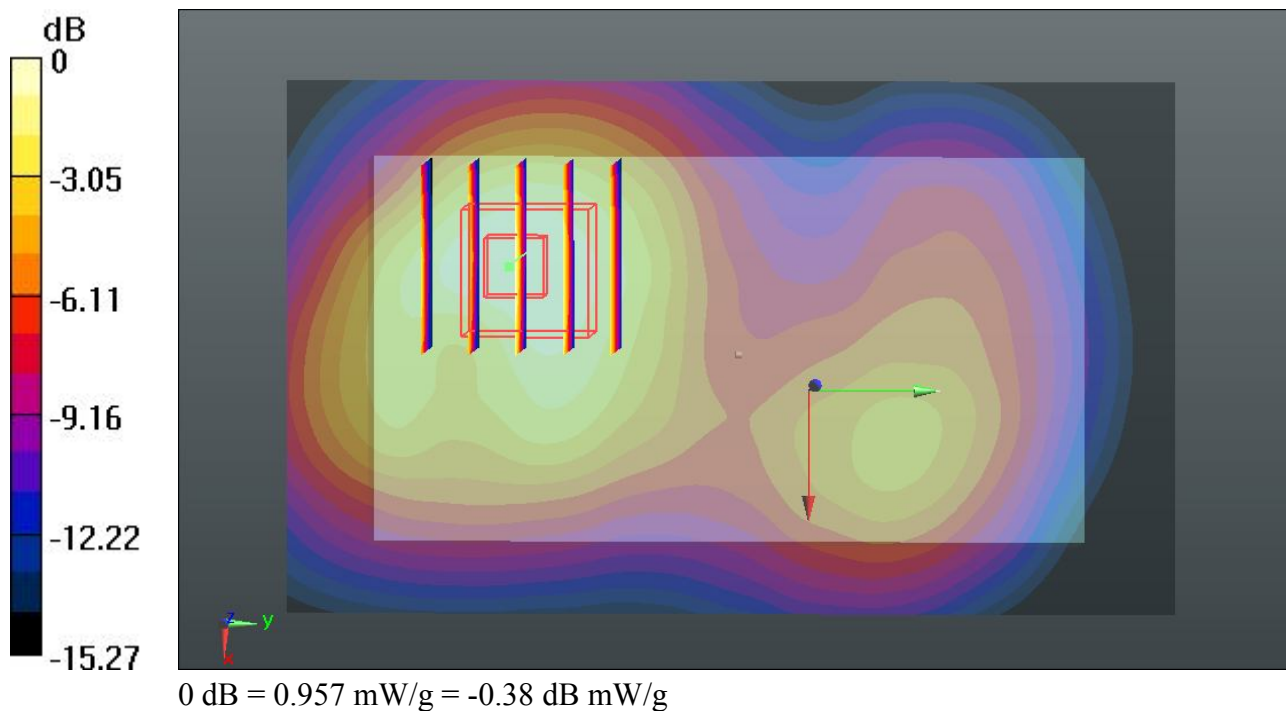
Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.768 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.416 mW/g

SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.541 mW/g

Maximum value of SAR (measured) = 0.957 mW/g



17 CDMA2000 BC15 RC3 SO32_Back_1.0cm_Ch425_Headset**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120706 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.491$ mho/m; $\epsilon_r =$

55.304 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.87, 4.87, 4.87); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch425/Area Scan (61x101x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.40 mW/g

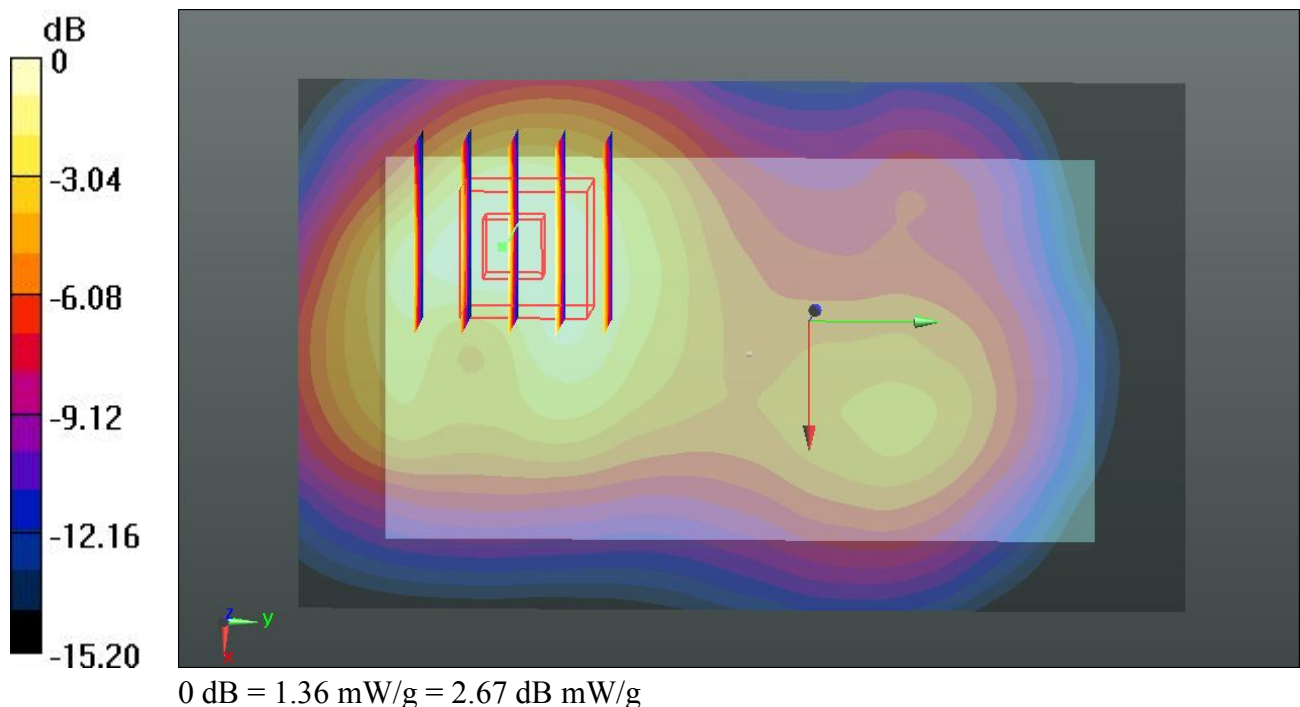
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.752 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.026 mW/g

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.769 mW/g

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



17 CDMA2000 BC15 RC3 SO32_Back_1.0cm_Ch425_Headset_2D**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120706 Medium parameters used: $f = 1731.25$ MHz; $\sigma = 1.491$ mho/m; $\epsilon_r =$

55.304; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.87, 4.87, 4.87); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch425/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.40 mW/g

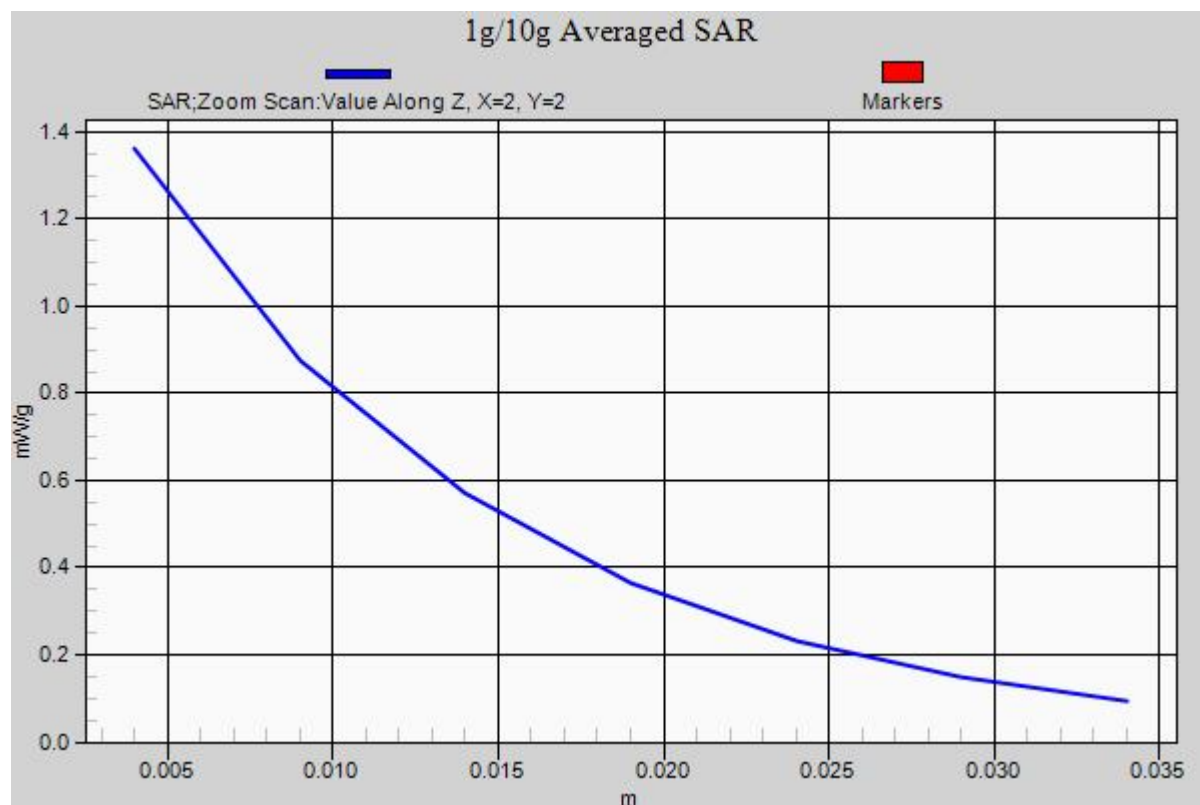
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.752 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.026 mW/g

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.769 mW/g

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



18 CDMA2000 BC15 RC3 SO32_Back_1.0cm_Ch25_Headset**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120706 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r =$

55.336; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.87, 4.87, 4.87); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

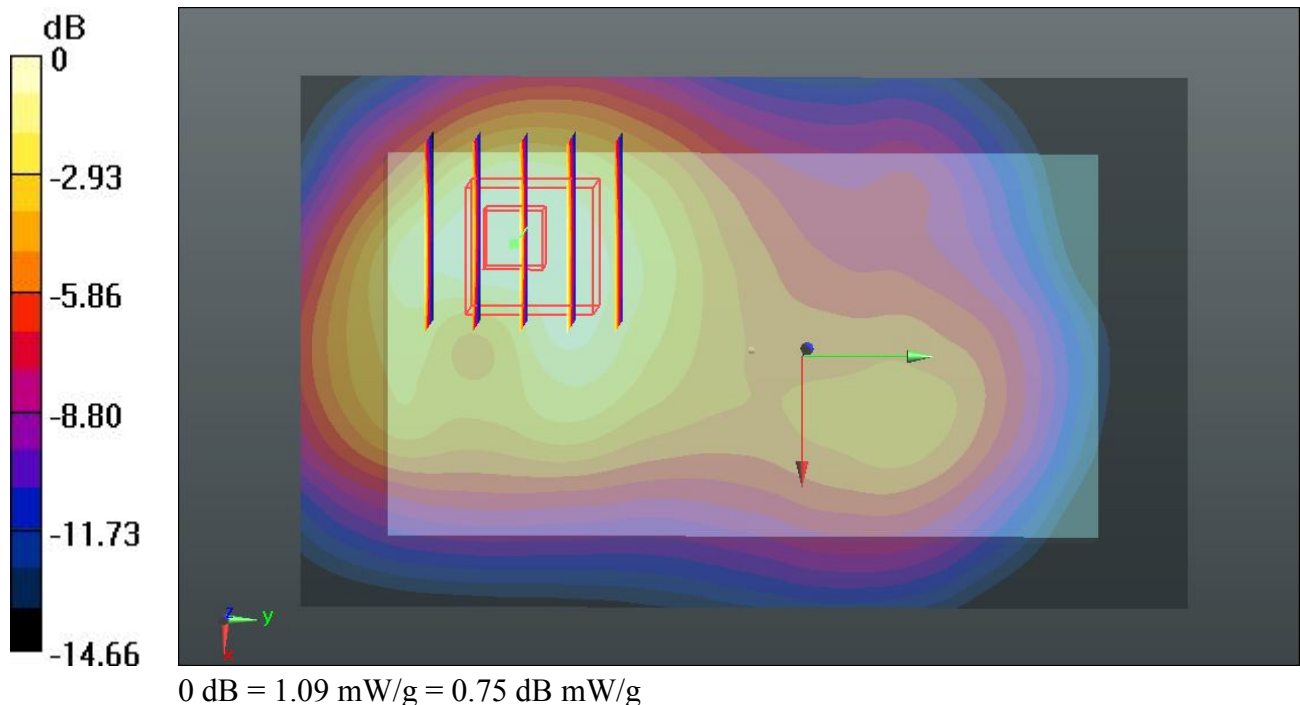
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.968 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.637 mW/g

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.631 mW/g

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



19 CDMA2000 BC15 RC3 SO32_Back_1.0cm_Ch875_Headset**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL_1750_120706 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r =$

55.266; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.87, 4.87, 4.87); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch875/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

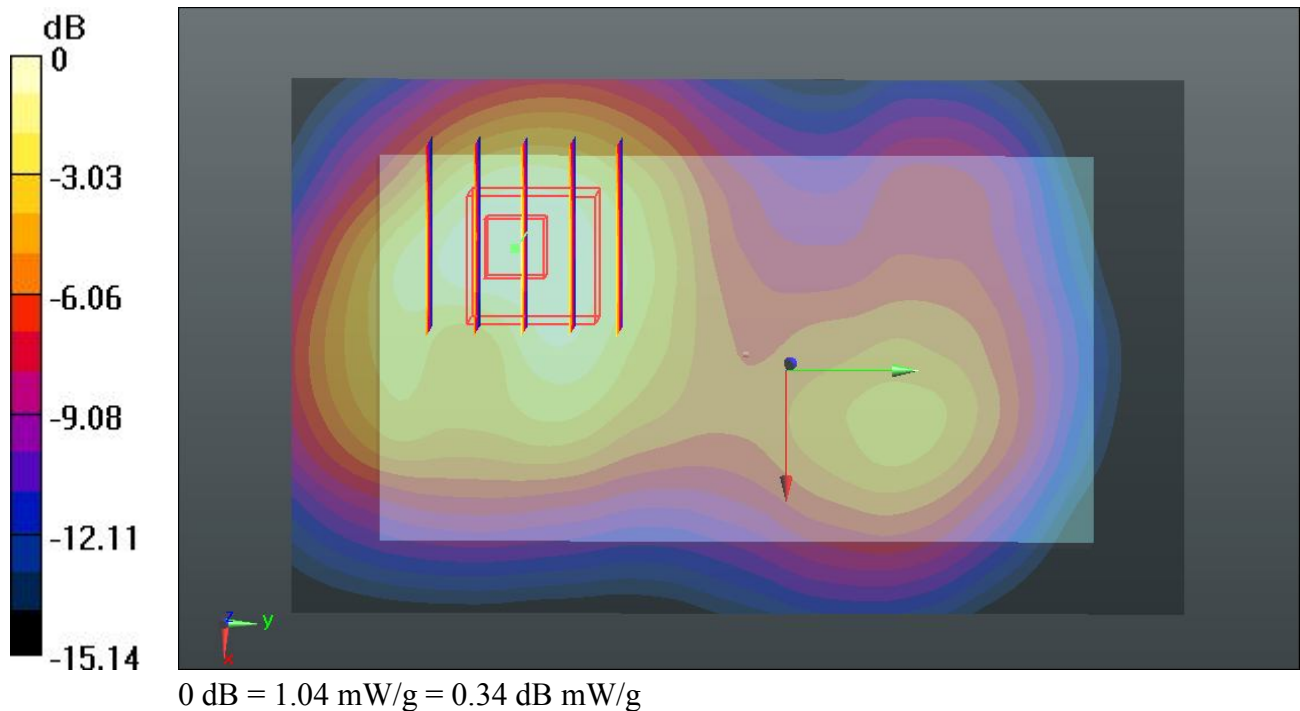
Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.273 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.536 mW/g

SAR(1 g) = 0.964 mW/g; SAR(10 g) = 0.589 mW/g

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



04 CDMA2000 BC1_RTAP 153.6_Bottom Side_1.0cm_Ch25**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120706 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.461$ mho/m; $\epsilon_r =$

53.588; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch25/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

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

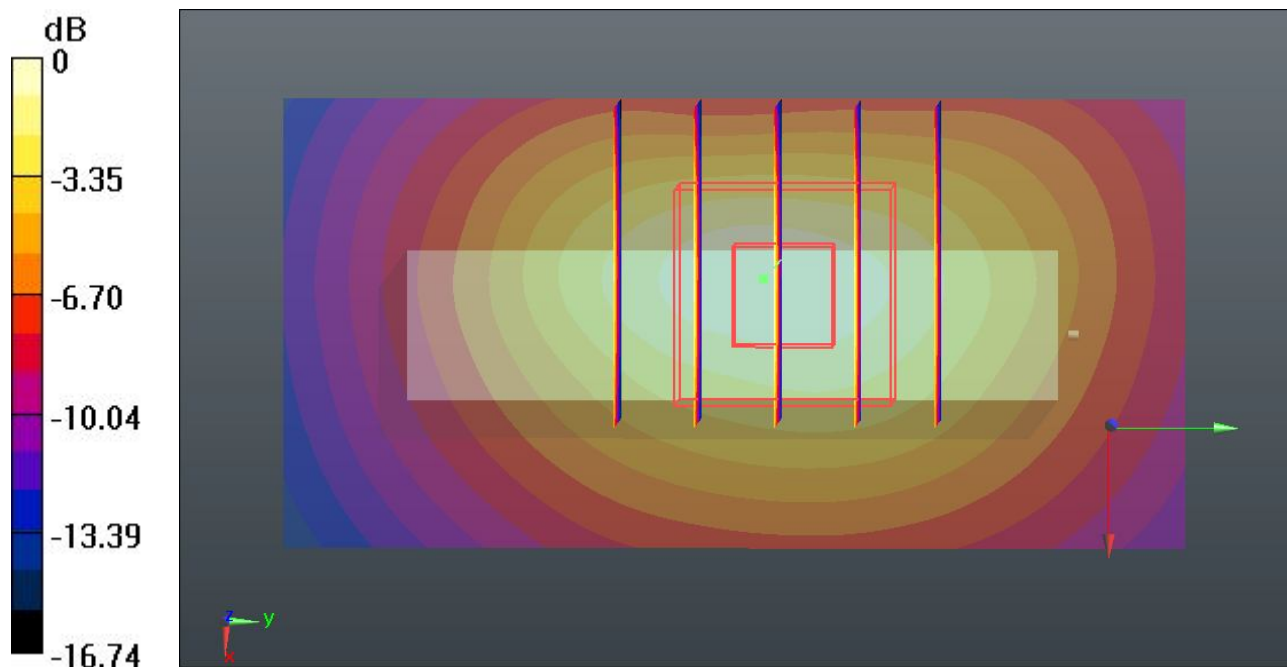
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.959 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.623 mW/g

SAR(1 g) = 0.968 mW/g; SAR(10 g) = 0.529 mW/g

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



0 dB = 1.05 mW/g = 0.42 dB mW/g

05 CDMA2000 BC1_RTAP 153.6_Bottom Side_1.0cm_Ch600**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120706 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r =$

53.575; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch600/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.999 mW/g

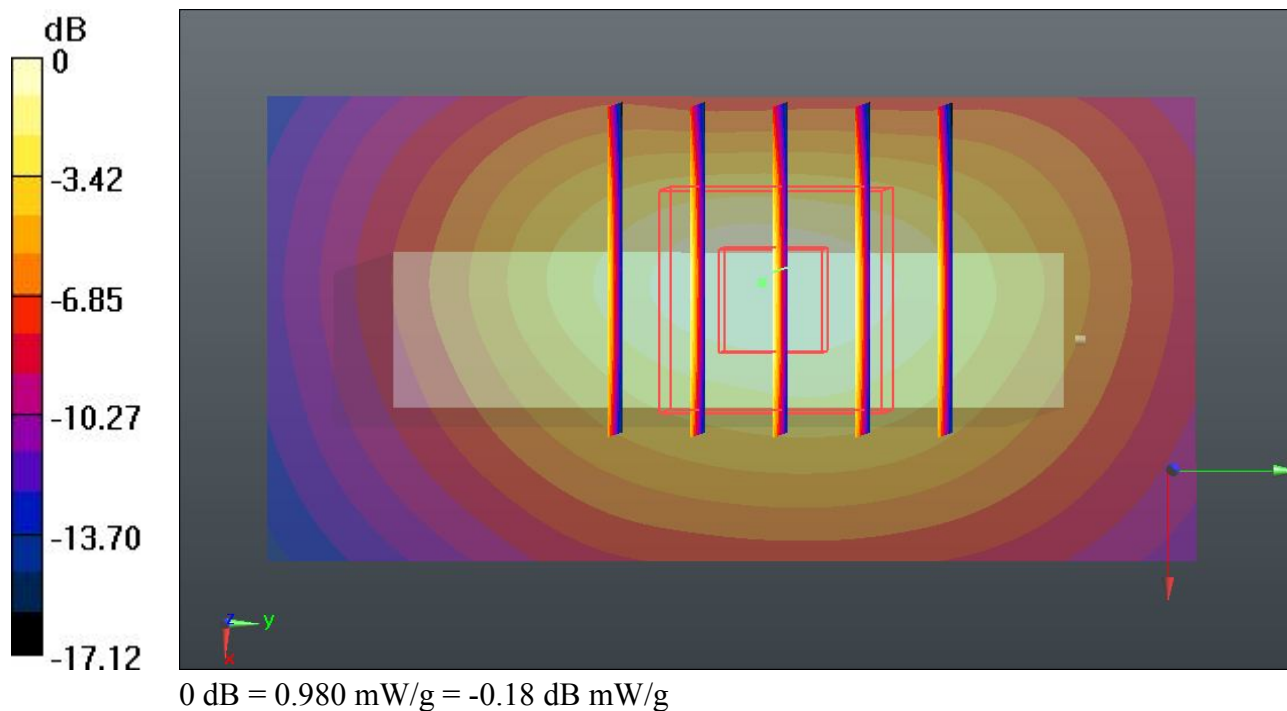
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.276 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.549 mW/g

SAR(1 g) = 0.895 mW/g; SAR(10 g) = 0.482 mW/g

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



06 CDMA2000 BC1_RTAP 153.6_Bottom Side_1.0cm_Ch1175**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120706 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.554; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1175/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

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

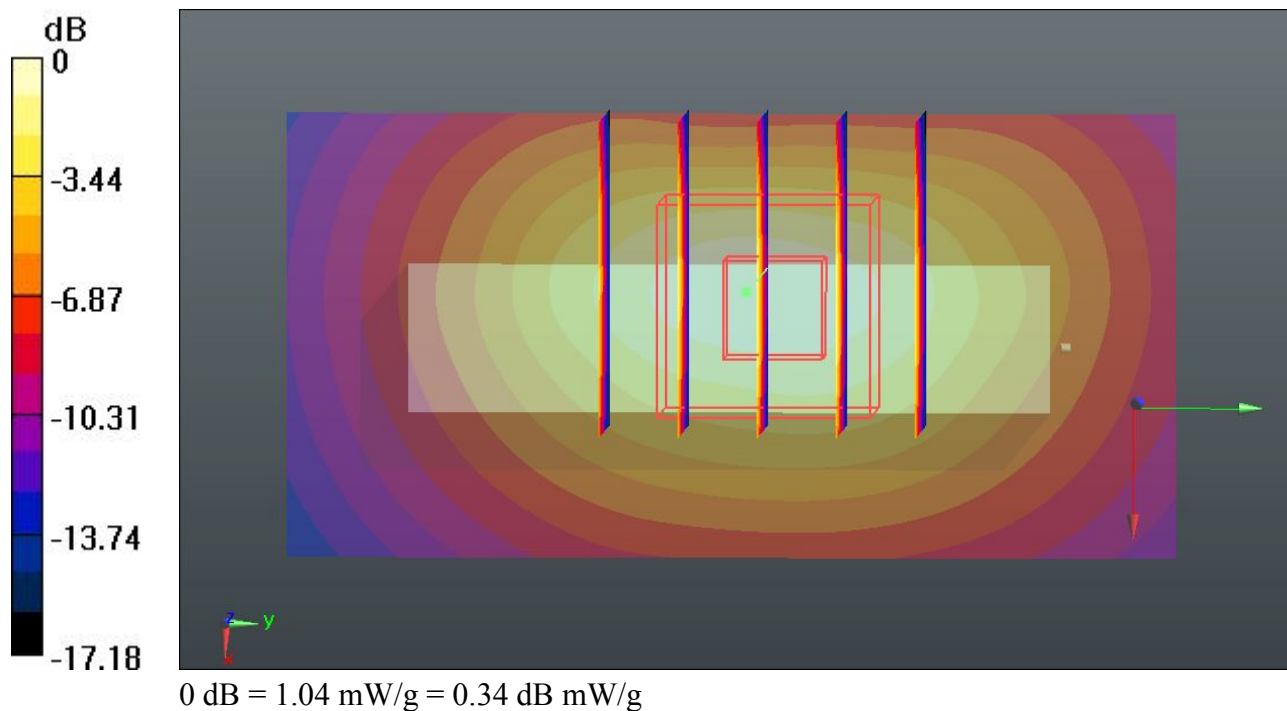
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.186 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.604 mW/g

SAR(1 g) = 0.940 mW/g; SAR(10 g) = 0.505 mW/g

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



08 CDMA2000 BC1_RC3 SO32_Back_1.0cm_Ch25_Headset**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120706 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.461$ mho/m; $\epsilon_r =$

53.588 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch25/Area Scan (61x101x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.026 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.568 mW/g

SAR(1 g) = 0.992 mW/g; SAR(10 g) = 0.623 mW/g

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

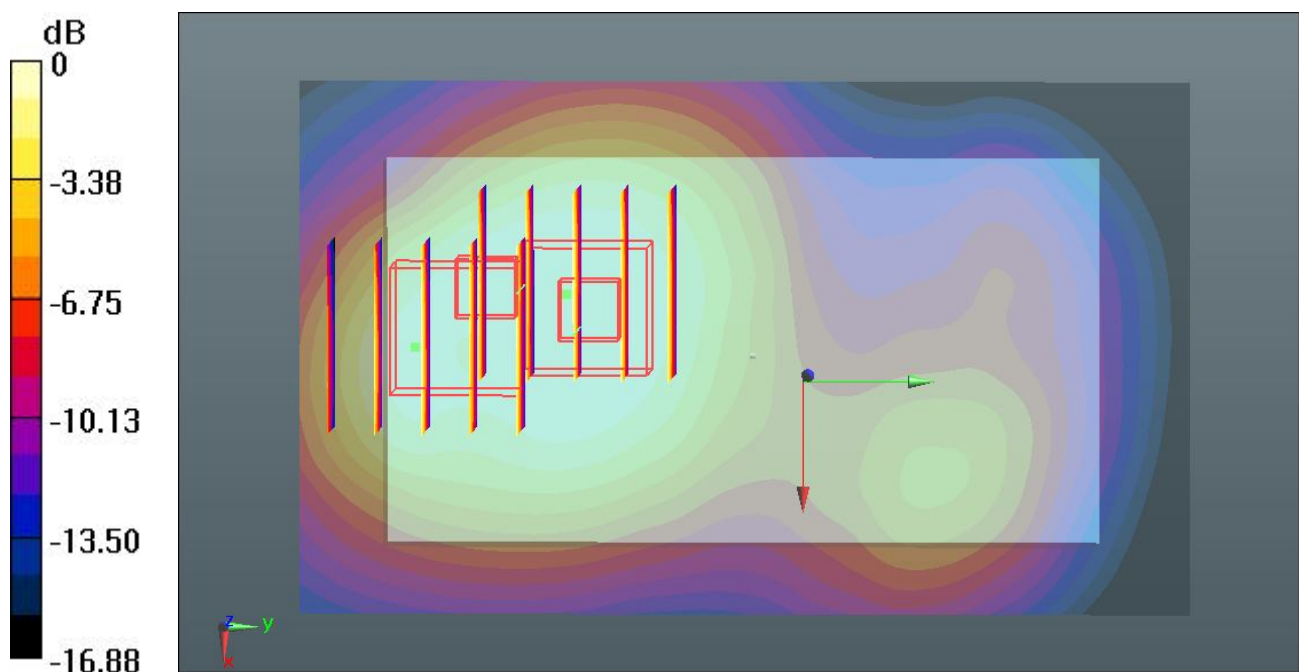
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.026 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.495 mW/g

SAR(1 g) = 0.888 mW/g; SAR(10 g) = 0.531 mW/g

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



09 CDMA2000 BC1_RC3 SO32_Back_1.0cm_Ch600_Headset**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120706 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r =$

53.575 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch600/Area Scan (61x101x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

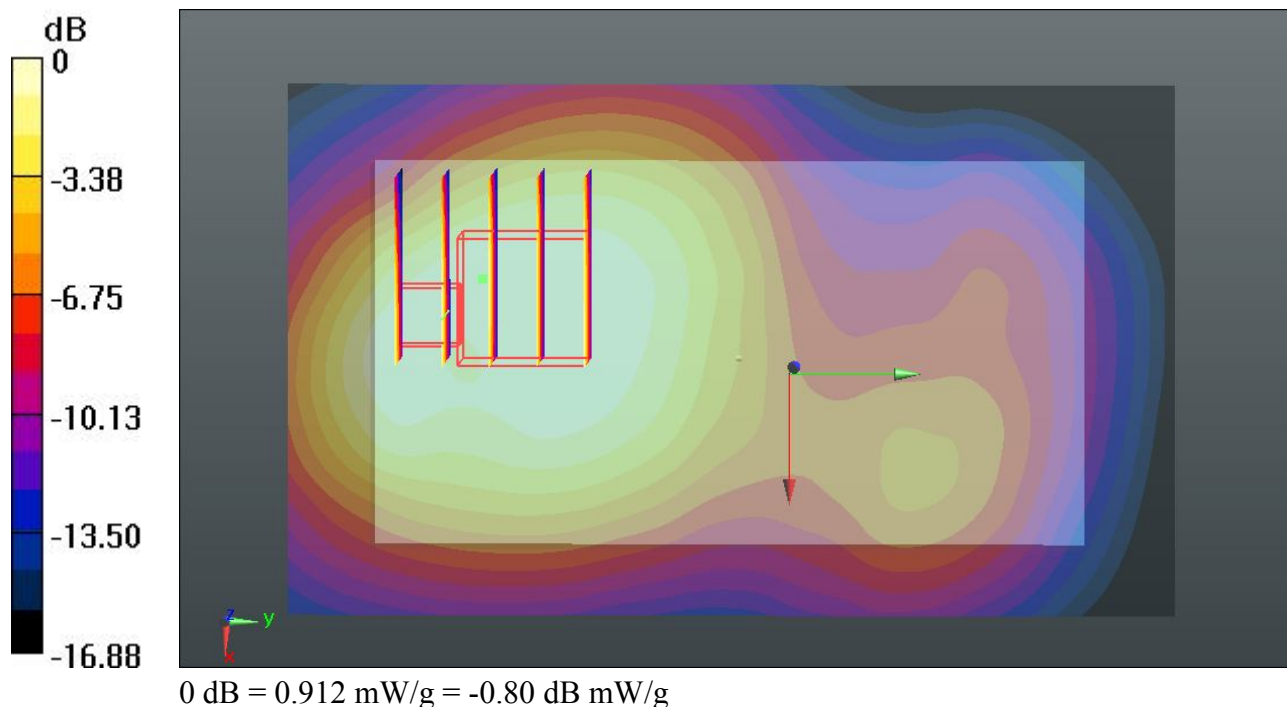
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.487 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.427 mW/g

SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.504 mW/g

Maximum value of SAR (measured) = 0.912 mW/g



10 CDMA2000 BC1_RC3 SO32_Back_1.0cm_Ch1175_Headset**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120706 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.554; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

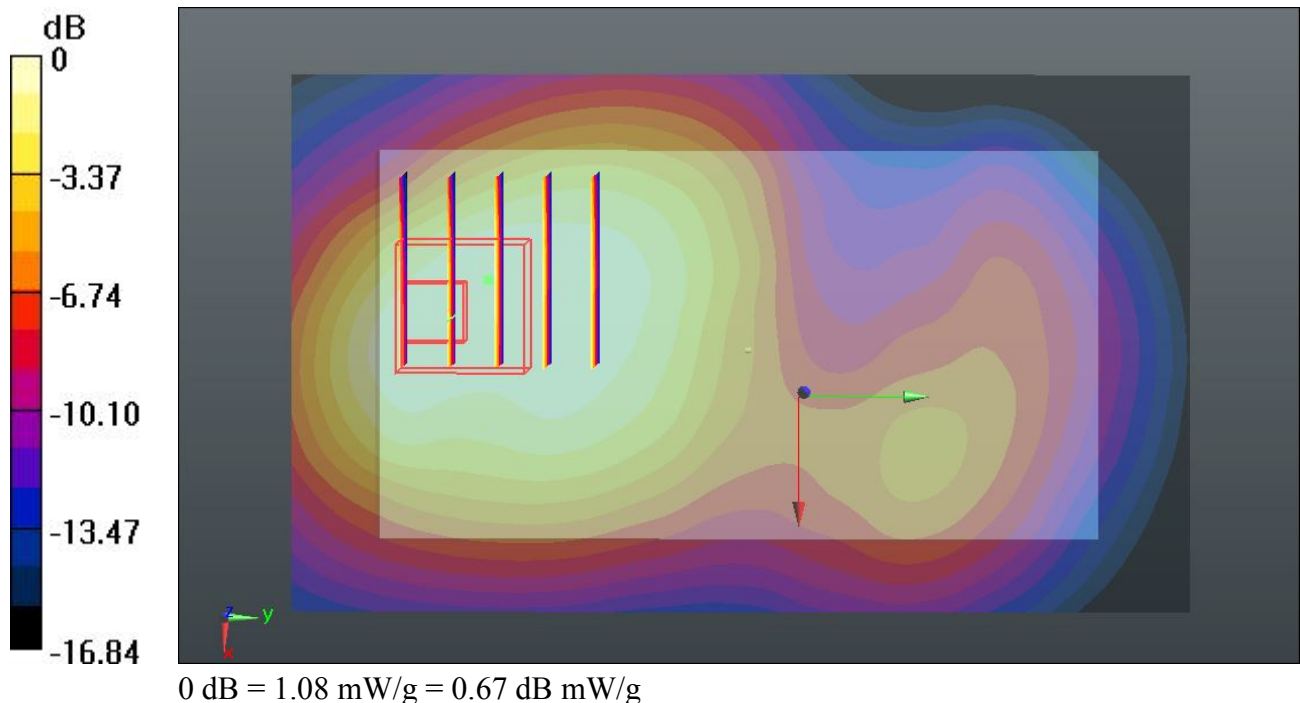
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.194 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.691 mW/g

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.596 mW/g

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



10 CDMA2000 BC1_RC3 SO32_Back_1.0cm_Ch1175_Headset_2D**DUT: 220101-01**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120706 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.528$ mho/m; $\epsilon_r =$

53.554; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.64, 4.64, 4.64); Calibrated: 12.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch1175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.194 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.691 mW/g

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.596 mW/g

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



31 802.11b_Back_1cm_1M_Ch6_Headset**DUT: 220101-01**

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120718 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.922$ mho/m; $\epsilon_r =$

53.921; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 02.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 18.11.2011
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.5 (6469)

Ch6/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.358 mW/g

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

Reference Value = 11.857 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.563 mW/g

SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.322 mW/g

Maximum value of SAR (measured) = 0.372 mW/g

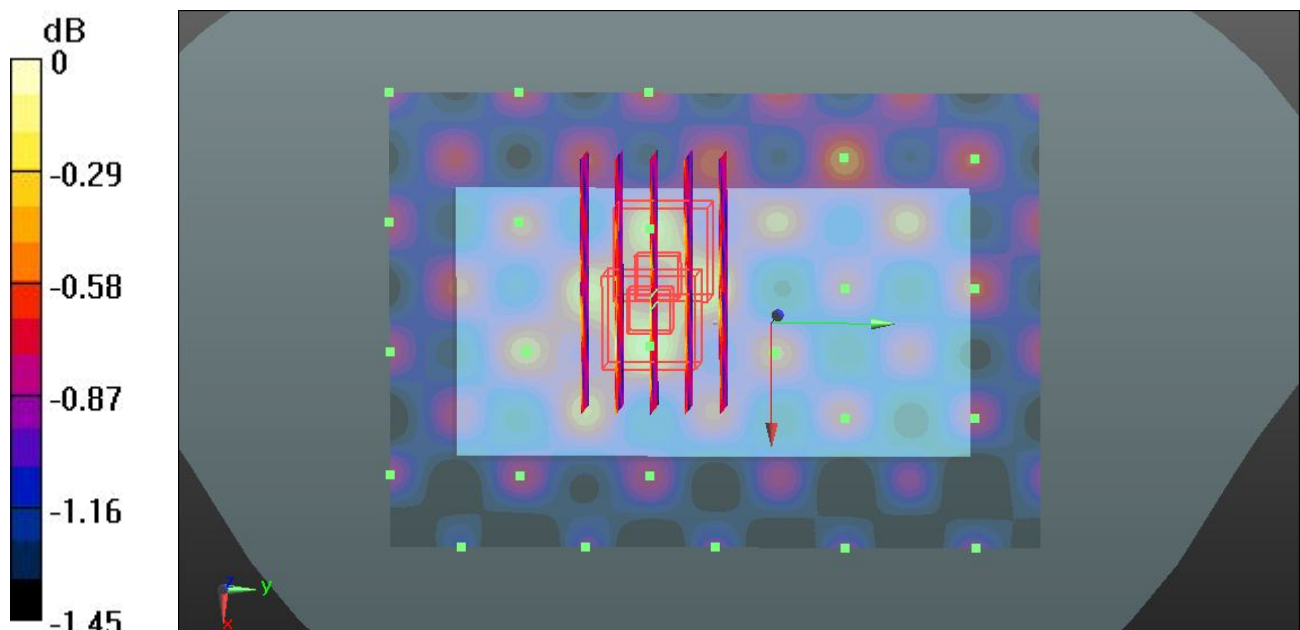
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.857 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.376 mW/g

SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 0.376 mW/g



32 802.11b_Back_1cm_1M_Ch1_Headset**DUT: 220101-01**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120718 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.877$ mho/m; $\epsilon_r =$

54.002; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 02.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 18.11.2011
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.5 (6469)

Ch1/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.376 mW/g

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

Reference Value = 13.015 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.370 mW/g

SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.325 mW/g

Maximum value of SAR (measured) = 0.370 mW/g

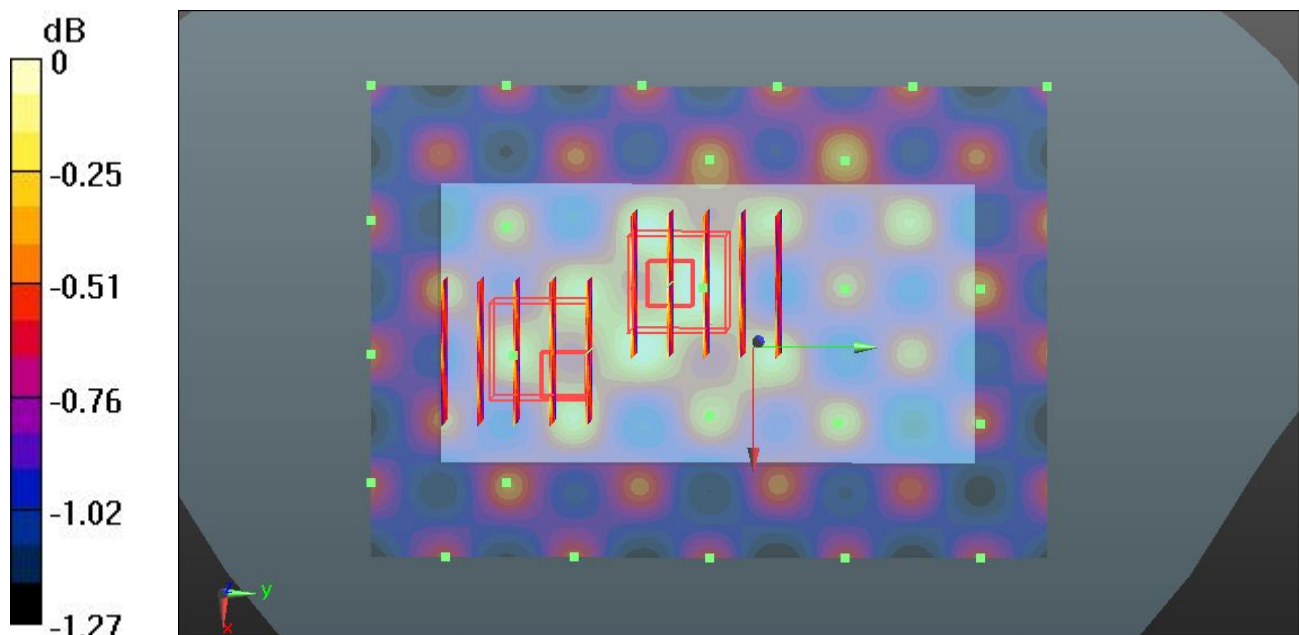
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.015 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.392 mW/g

SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.319 mW/g

Maximum value of SAR (measured) = 0.361 mW/g



0 dB = 0.361 mW/g = -8.85 dB mW/g

33 802.11b_Back_1cm_1M_Ch11_Headset**DUT: 220101-01**

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120718 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.974$ mho/m; $\epsilon_r =$

53.843; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 02.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 18.11.2011
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.402 mW/g

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

Reference Value = 12.997 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.398 mW/g

SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.350 mW/g

Maximum value of SAR (measured) = 0.398 mW/g

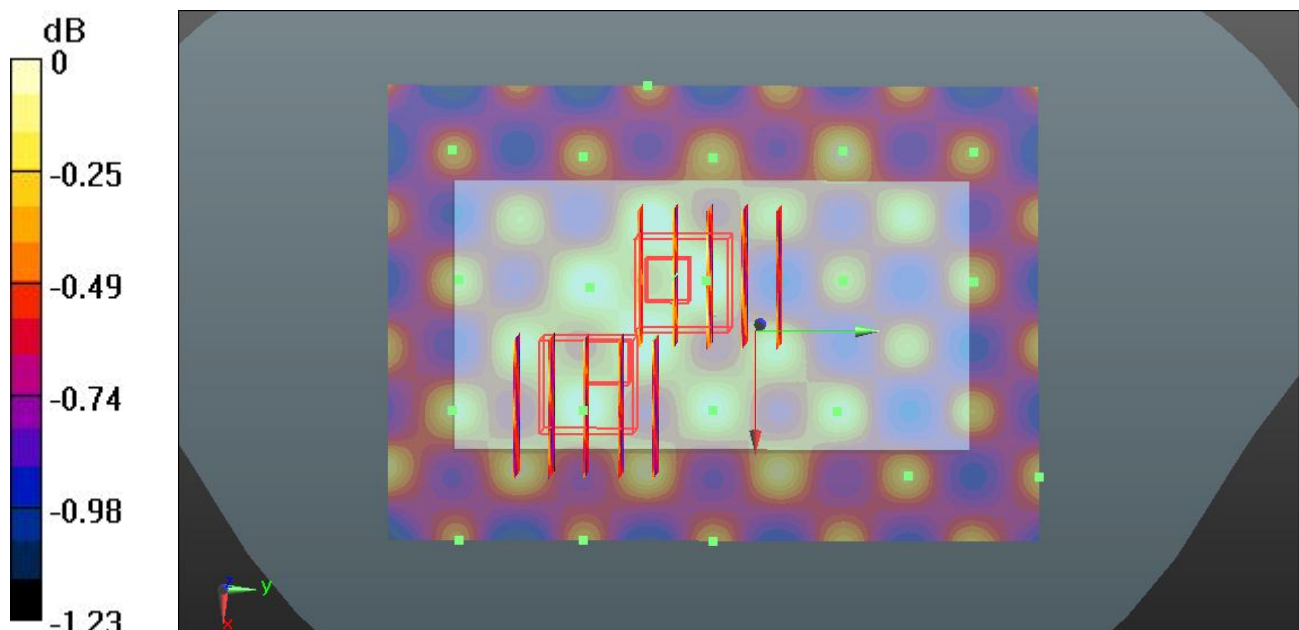
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.997 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.386 mW/g

SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.340 mW/g

Maximum value of SAR (measured) = 0.386 mW/g



0 dB = 0.386 mW/g = -8.27 dB mW/g

33 802.11b_Back_1cm_1M_Ch11_Headset_2D

DUT: 220101-01

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120718 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.974$ mho/m; $\epsilon_r =$

53.843; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 02.09.2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 18.11.2011
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.5 (6469)

Ch11/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.402 mW/g

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

Reference Value = 12.997 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.398 mW/g

SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.350 mW/g

Maximum value of SAR (measured) = 0.398 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.997 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.386 mW/g

SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.340 mW/g

Maximum value of SAR (measured) = 0.386 mW/g

