

#01 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch777

DUT: 270201

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

Medium: HSL_835_120824 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.909$ mho/m; $\epsilon_r =$

41.459 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.332 mW/g

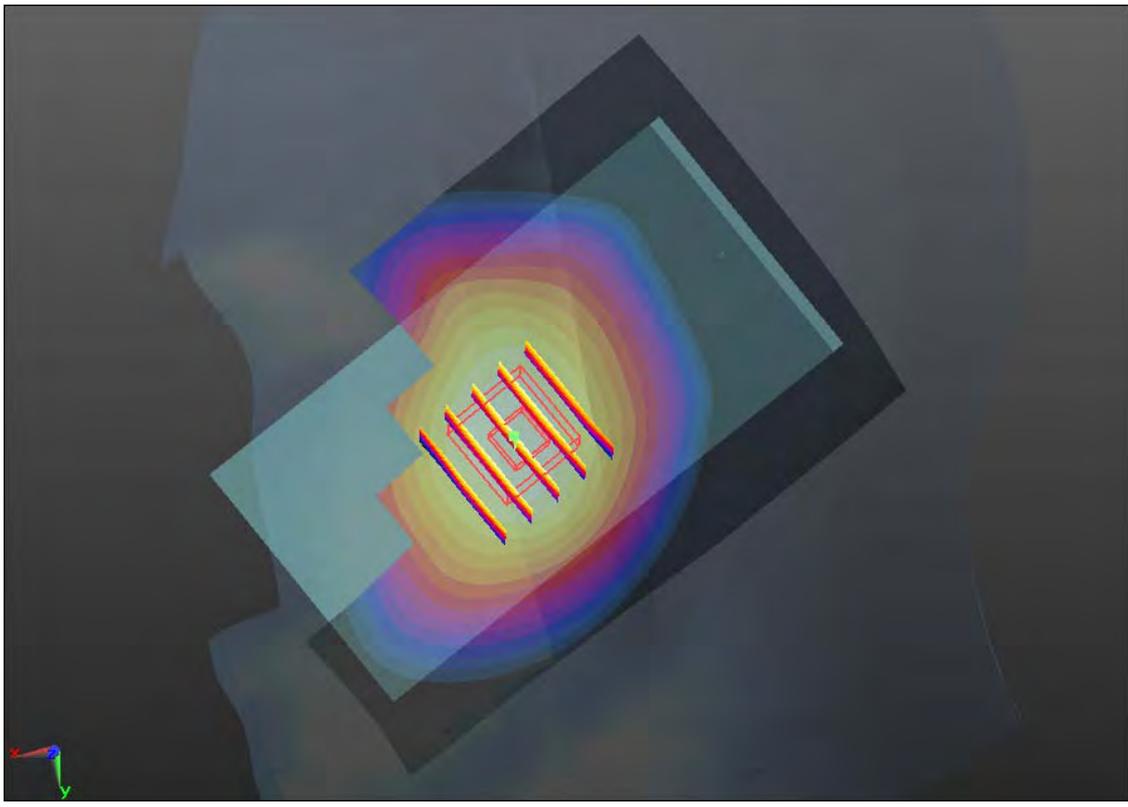
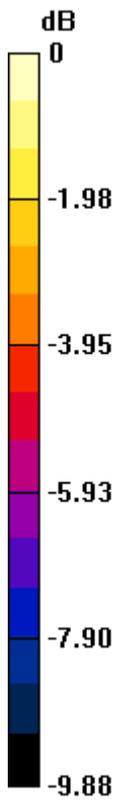
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.084 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.239 mW/g

Maximum value of SAR (measured) = 0.332 mW/g



0 dB = 0.330mW/g

#01 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch777_2D

DUT: 270201

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

Medium: HSL_835_120824 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.909$ mho/m; $\epsilon_r =$

41.459 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.332 mW/g

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

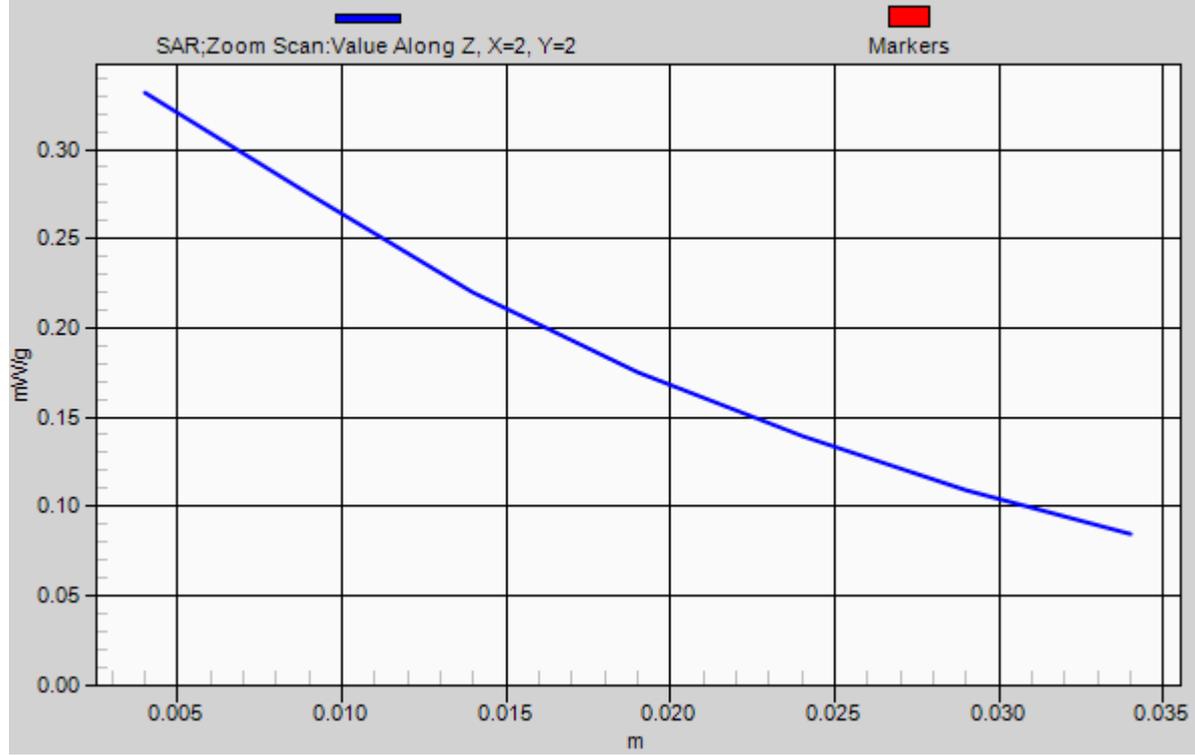
Reference Value = 5.084 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.239 mW/g

Maximum value of SAR (measured) = 0.332 mW/g

1g/10g Averaged SAR



#02 CDMA2000 BC0_RC3 SO55_Right Tilted_Ch777

DUT: 270201

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

Medium: HSL_835_120824 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.909$ mho/m; $\epsilon_r =$

41.459; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.194 mW/g

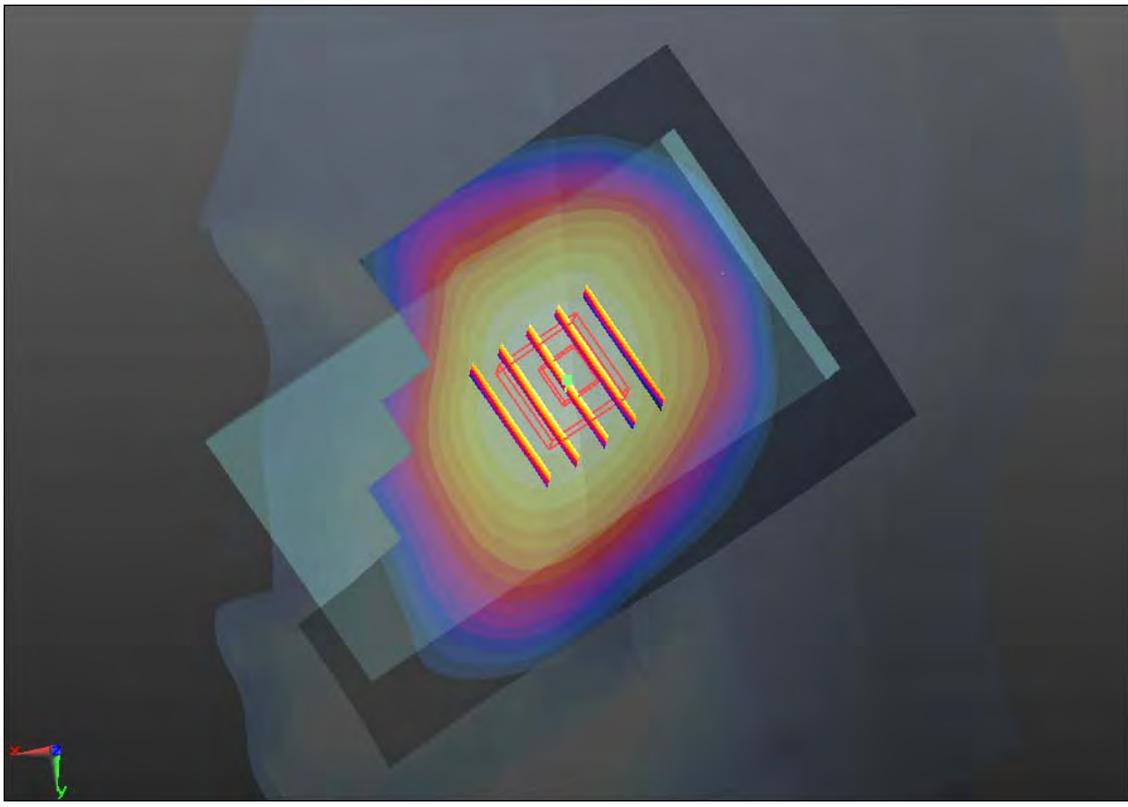
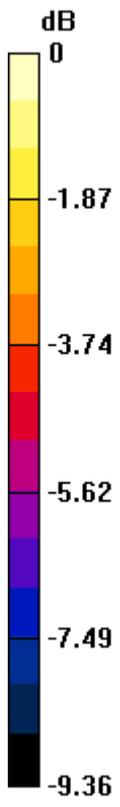
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.511 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.140 mW/g

Maximum value of SAR (measured) = 0.188 mW/g



0 dB = 0.190mW/g

#03 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch777

DUT: 270201

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

Medium: HSL_835_120824 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.909$ mho/m; $\epsilon_r =$

41.459; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.311 mW/g

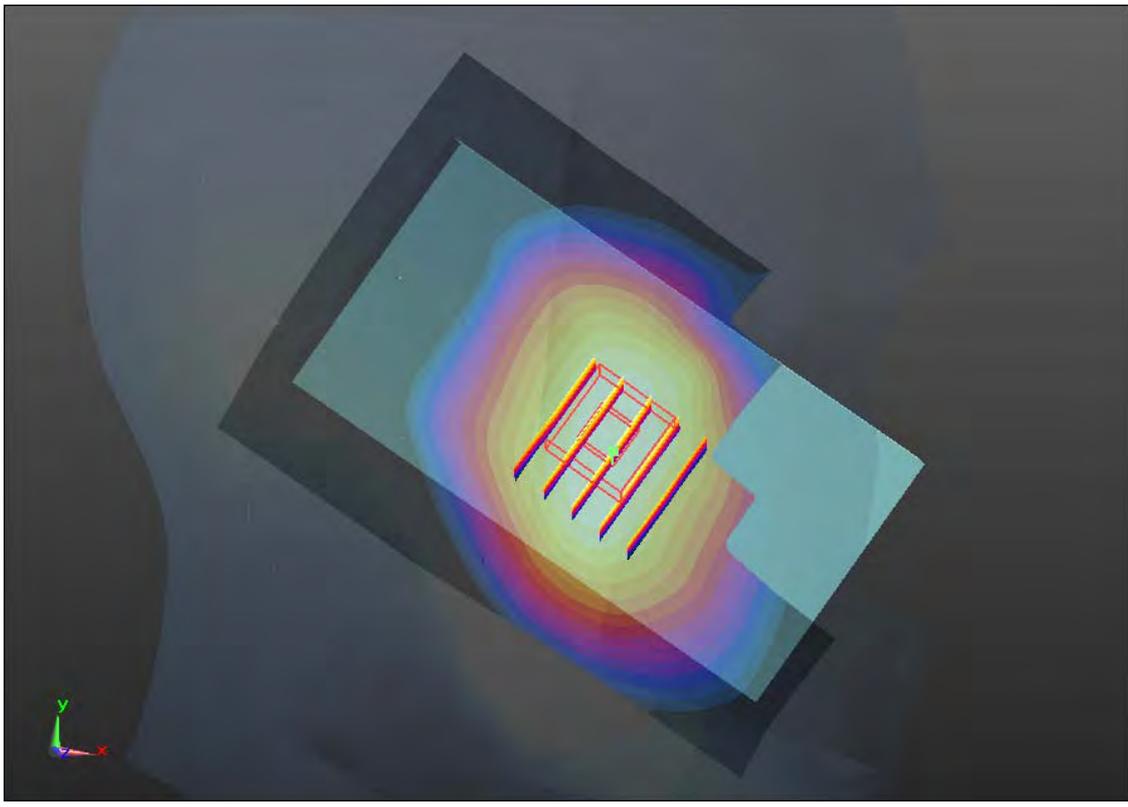
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.644 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.373 W/kg

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 0.312 mW/g



0 dB = 0.310mW/g

#04 CDMA2000 BC0_RC3 SO55_Left Tilted_Ch777

DUT: 270201

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

Medium: HSL_835_120824 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.909$ mho/m; $\epsilon_r =$

41.459; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.192 mW/g

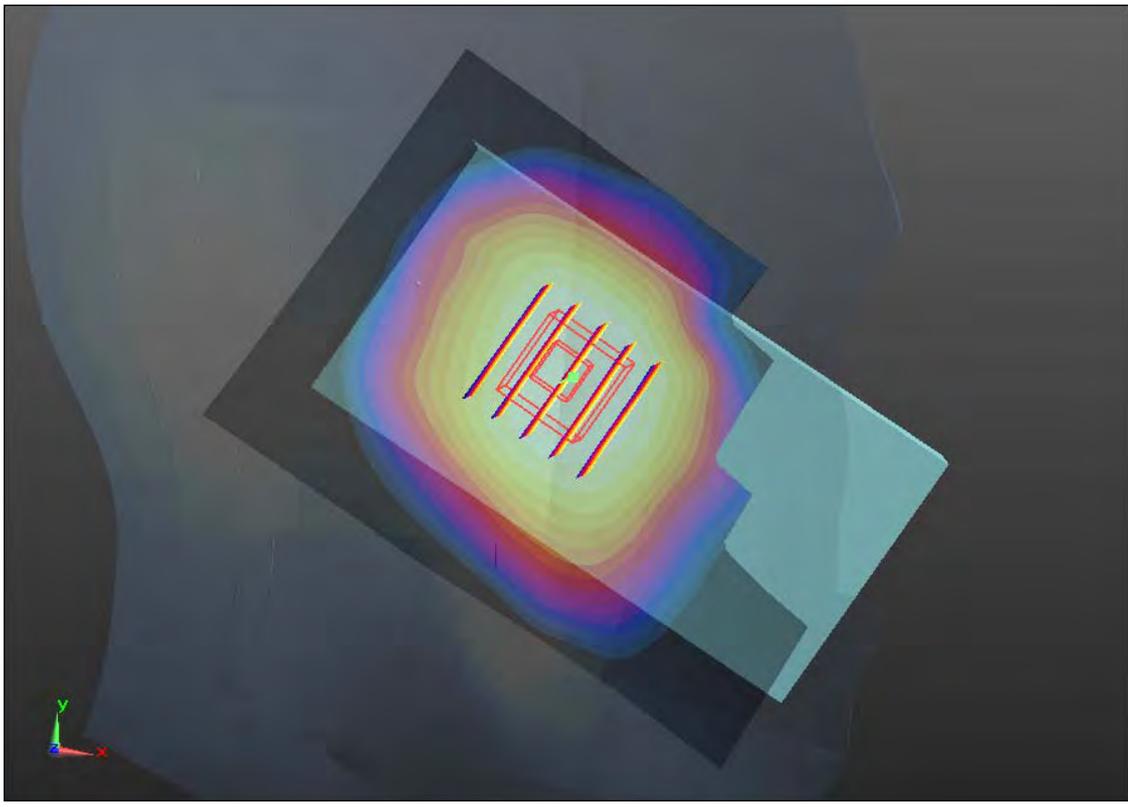
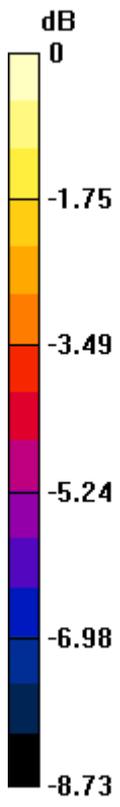
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.061 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 0.185 mW/g



0 dB = 0.180mW/g

#134 CDMA2000 BC0_RETAP 4096_Right Cheek_Ch777

DUT: 270201

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

Medium: HSL_835_121012 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.941$ mho/m; $\epsilon_r =$

41.499 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.368 mW/g

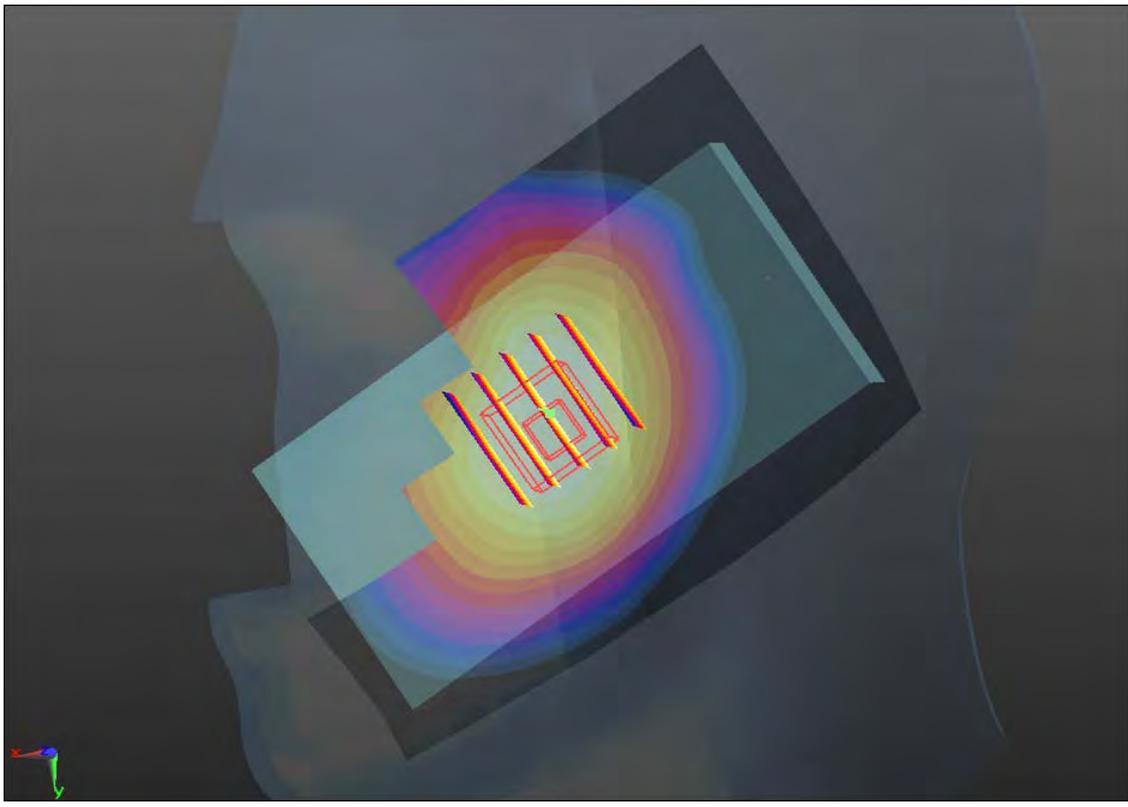
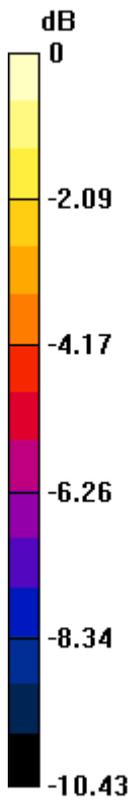
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.629 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.334 mW/g



0 dB = 0.330mW/g

#134 CDMA2000 BC0_RETAP 4096_Right Cheek_Ch777_2D

DUT: 270201

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

Medium: HSL_835_121012 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.941$ mho/m; $\epsilon_r =$

41.499 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.368 mW/g

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

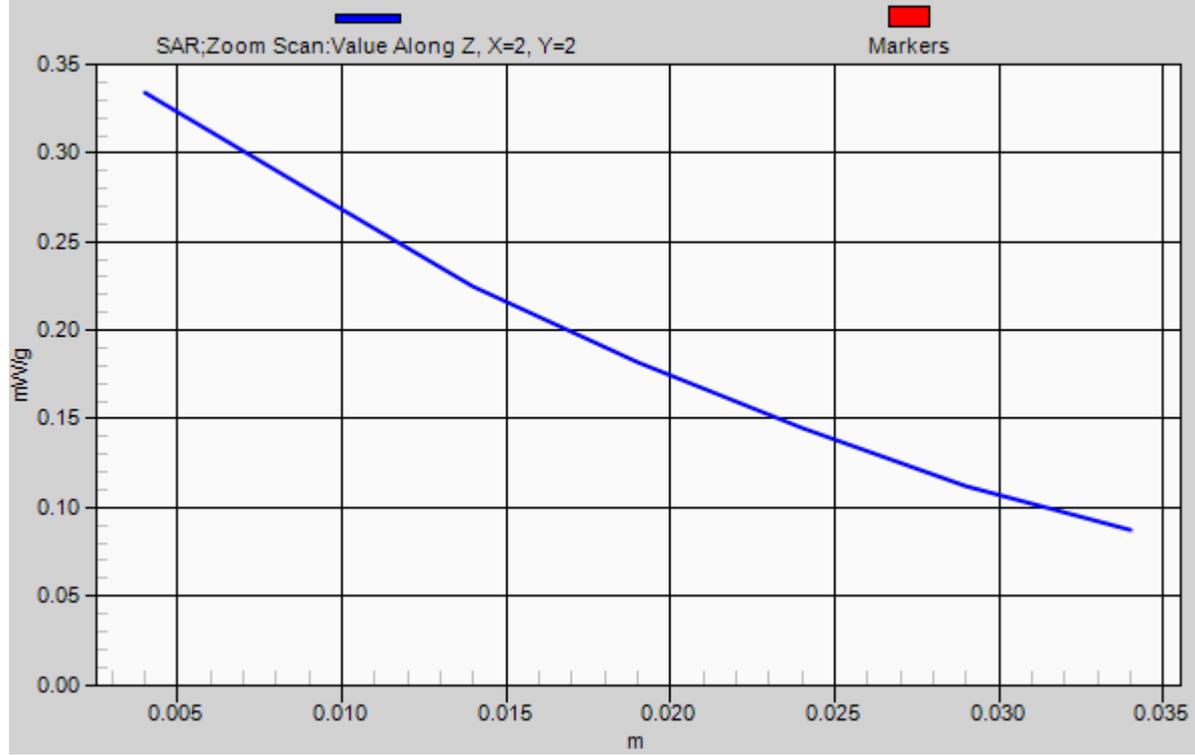
Reference Value = 5.629 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.334 mW/g

1g/10g Averaged SAR



#135 CDMA2000 BC0_RETAP 4096_Right Tilted_Ch777

DUT: 270201

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

Medium: HSL_835_121012 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.941$ mho/m; $\epsilon_r =$

41.499 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.196 mW/g

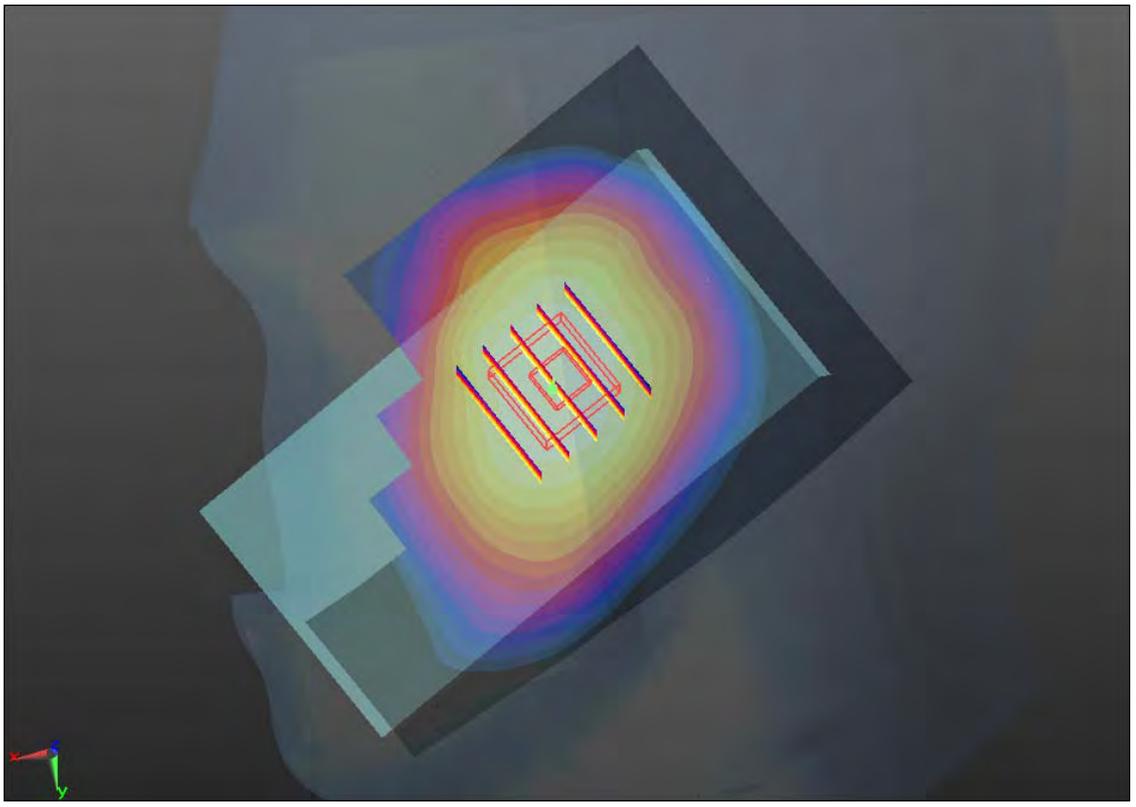
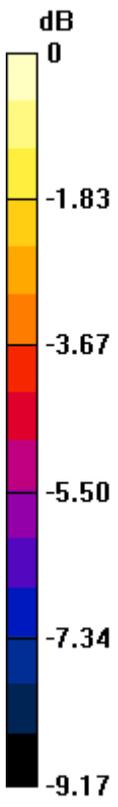
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.620 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.144 mW/g

Maximum value of SAR (measured) = 0.192 mW/g



0 dB = 0.190mW/g

#136 CDMA2000 BC0_RETAP 4096_Left Cheek_Ch777

DUT: 270201

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

Medium: HSL_835_121012 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.941$ mho/m; $\epsilon_r =$

41.499 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.316 mW/g

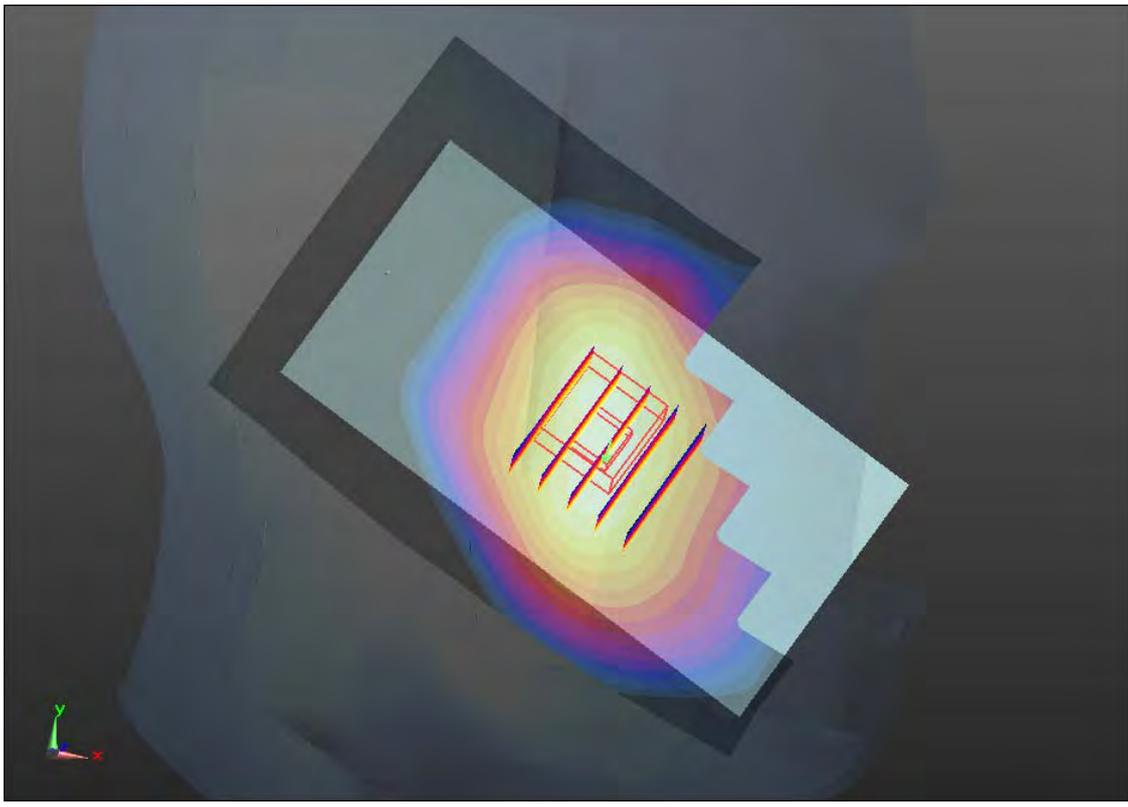
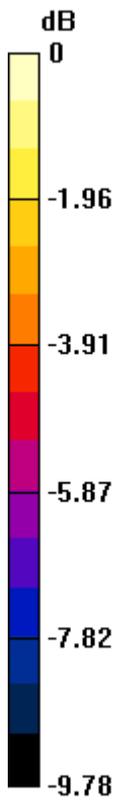
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.593 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.230 mW/g

Maximum value of SAR (measured) = 0.325 mW/g



0 dB = 0.330mW/g

#137 CDMA2000 BC0_RETAP 4096_Left Tilted_Ch777

DUT: 270201

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

Medium: HSL_835_121012 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.941$ mho/m; $\epsilon_r =$

41.499 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.210 mW/g

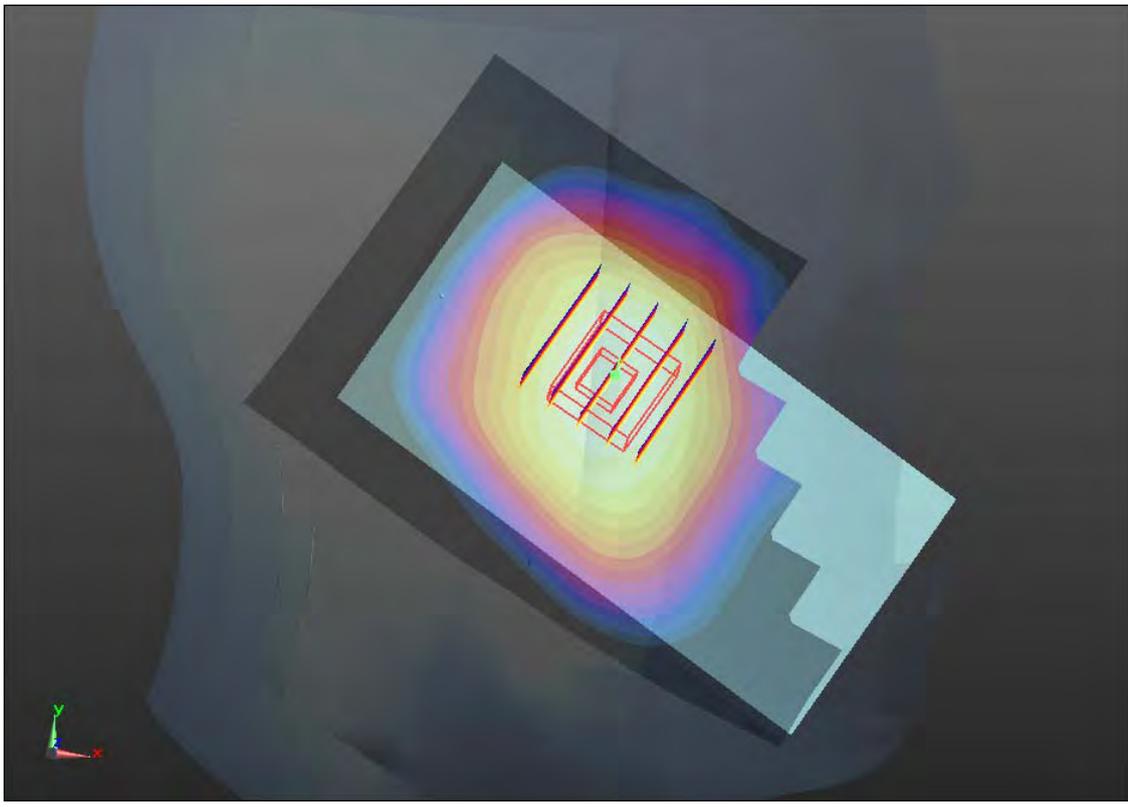
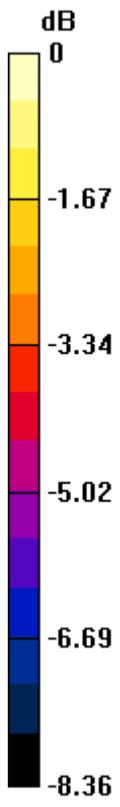
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.596 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.150 mW/g

Maximum value of SAR (measured) = 0.199 mW/g



0 dB = 0.200mW/g

#05 CDMA2000 BC1_RC3 SO55_Right Cheek_Ch600

DUT: 270201

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

Medium: HSL_1900_120825 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.388$ mho/m; $\epsilon_r =$

39.717 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.794 mW/g

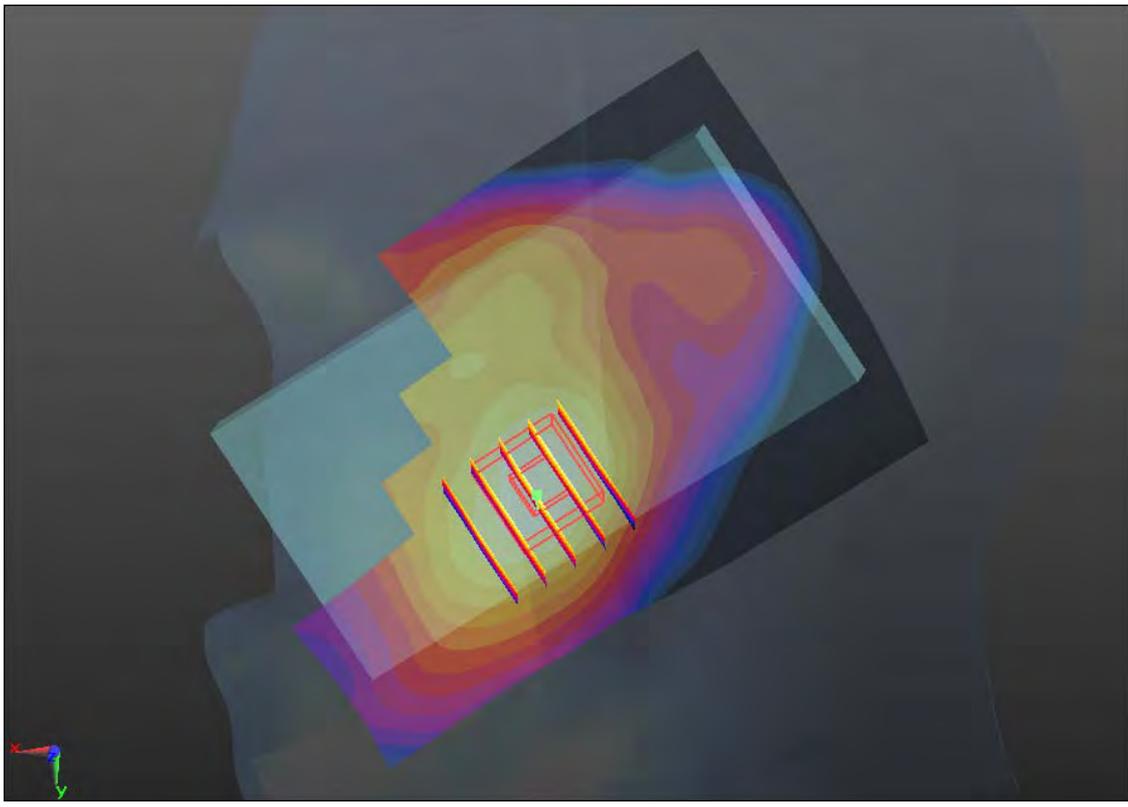
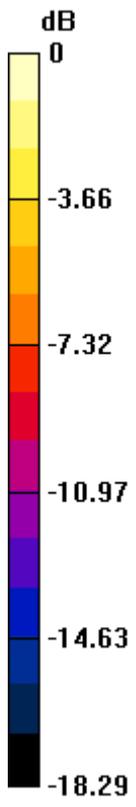
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.740 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.159 W/kg

SAR(1 g) = 0.743 mW/g; SAR(10 g) = 0.444 mW/g

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



0 dB = 0.810mW/g

#06 CDMA2000 BC1_RC3 SO55_Right Tilted_Ch600

DUT: 270201

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

Medium: HSL_1900_120825 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.388$ mho/m; $\epsilon_r =$

39.717 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.253 mW/g

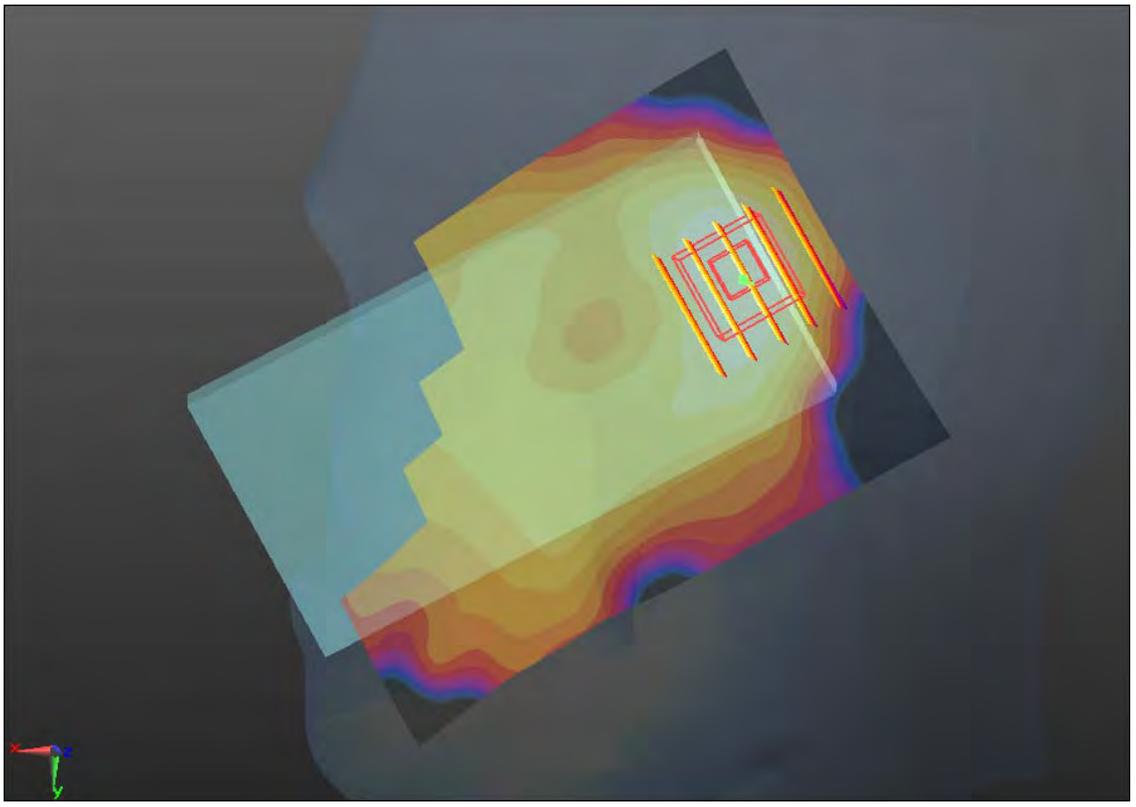
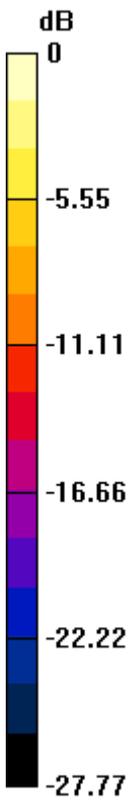
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.162 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.247 mW/g



0 dB = 0.250mW/g

#07 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch600

DUT: 270201

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

Medium: HSL_1900_120825 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.388$ mho/m; $\epsilon_r =$

39.717 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.896 mW/g

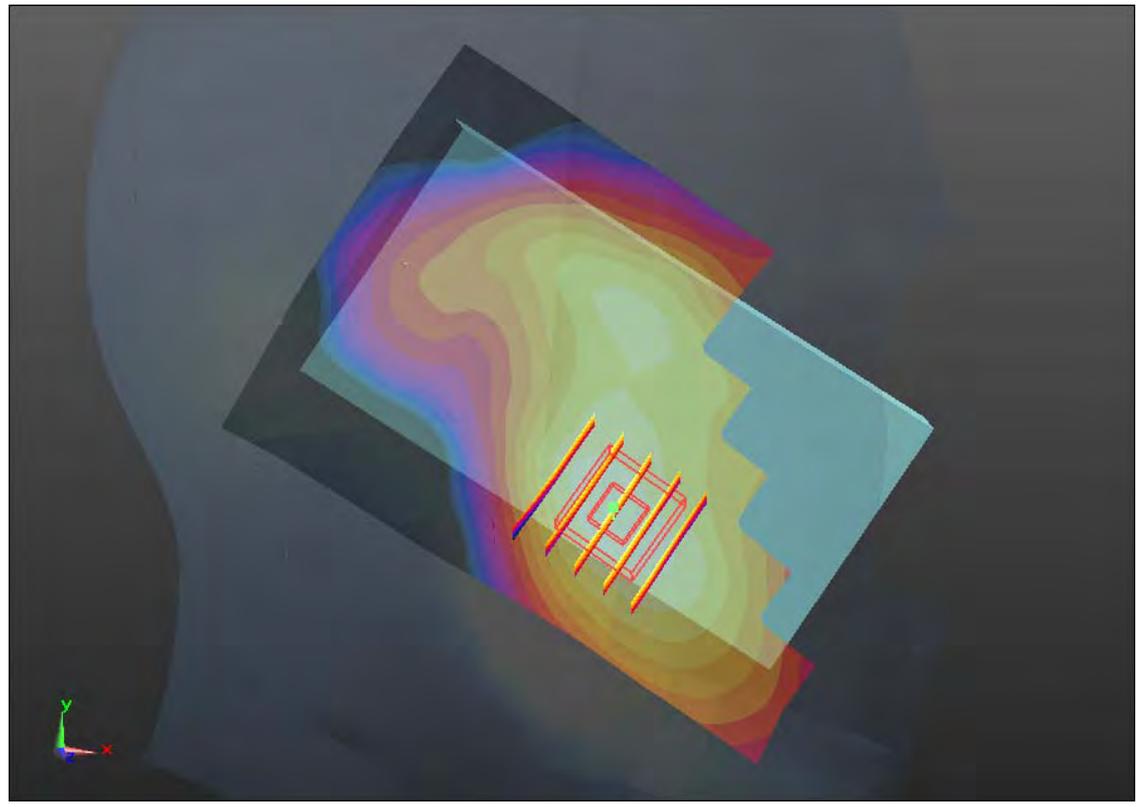
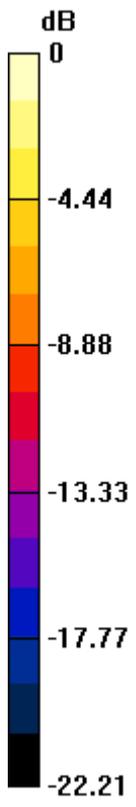
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.574 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.259 W/kg

SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.461 mW/g

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



0 dB = 0.860mW/g

#07 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch600_2D

DUT: 270201

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

Medium: HSL_1900_120825 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.388$ mho/m; $\epsilon_r =$

39.717 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.896 mW/g

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

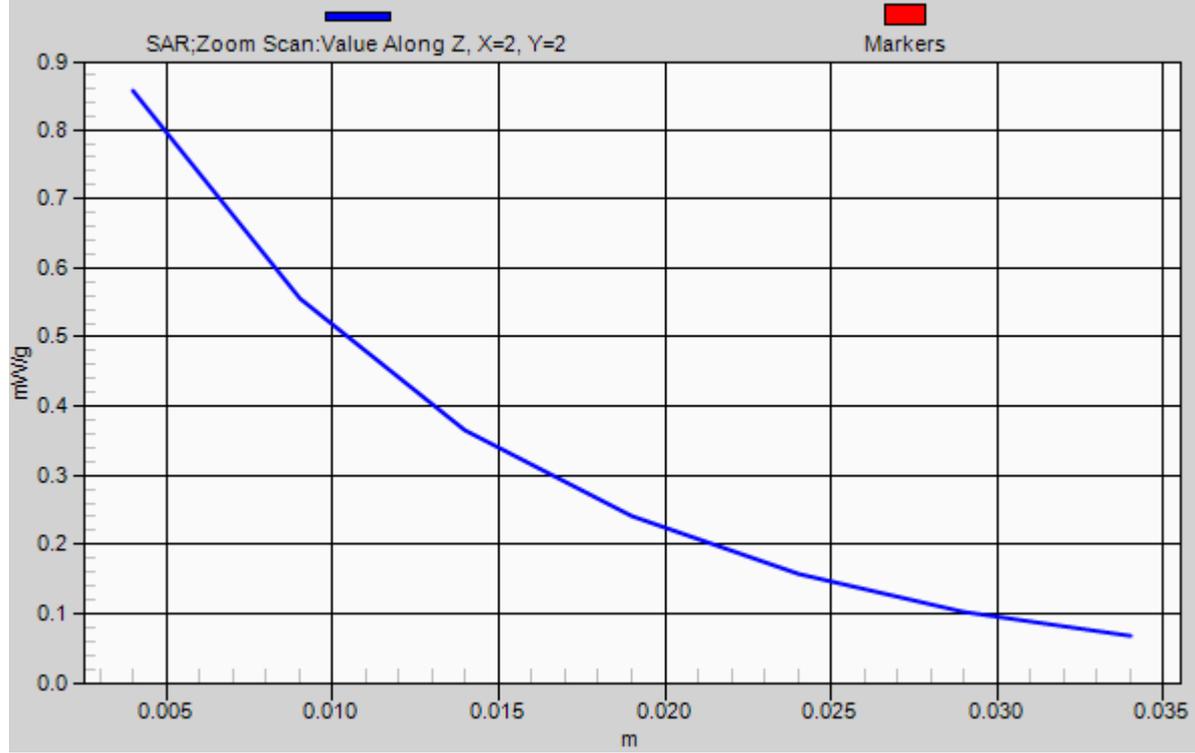
Reference Value = 9.574 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.259 W/kg

SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.461 mW/g

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

1g/10g Averaged SAR



#123 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch600

DUT: 270201

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

Medium: HSL_1900_120901 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$

41.184; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.146 mW/g

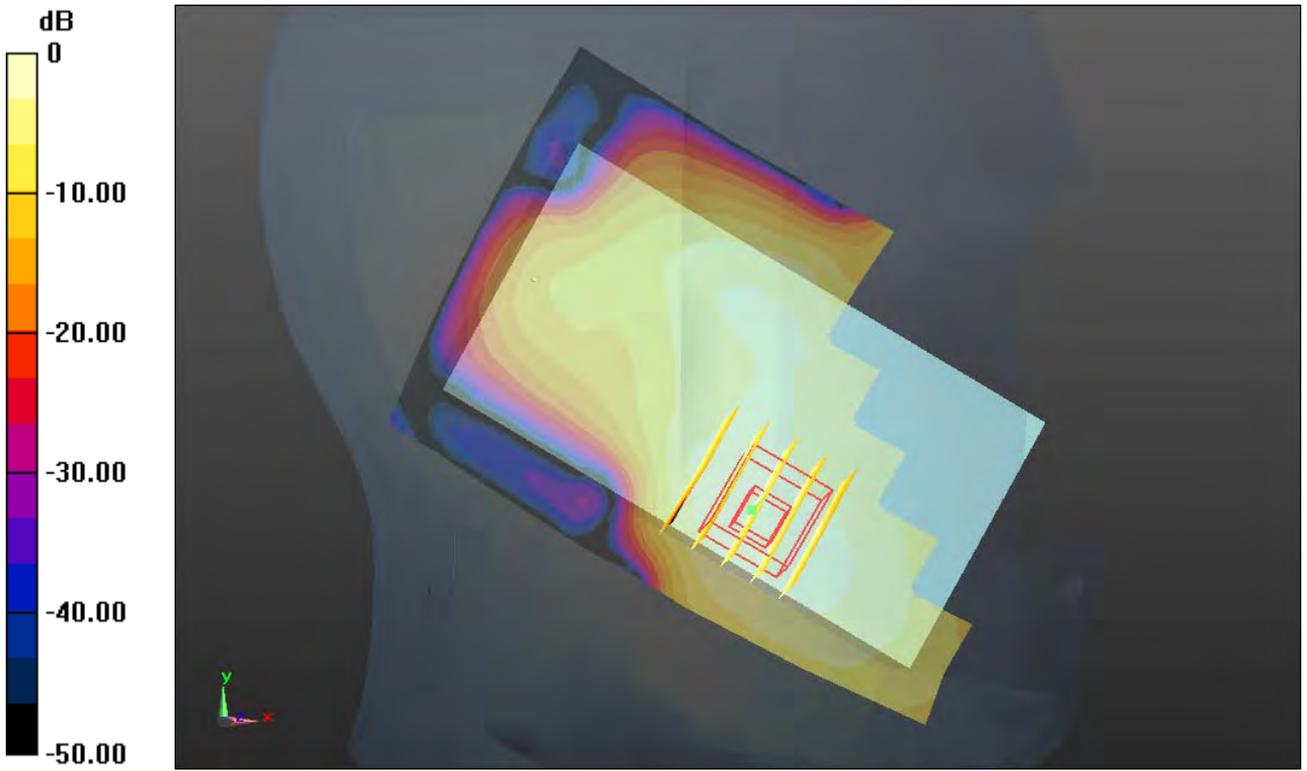
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.444 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.140 mW/g



0 dB = 0.140mW/g

#08 CDMA2000 BC1_RC3 SO55_Left Tilted_Ch600

DUT: 270201

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

Medium: HSL_1900_120825 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.388$ mho/m; $\epsilon_r =$

39.717 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

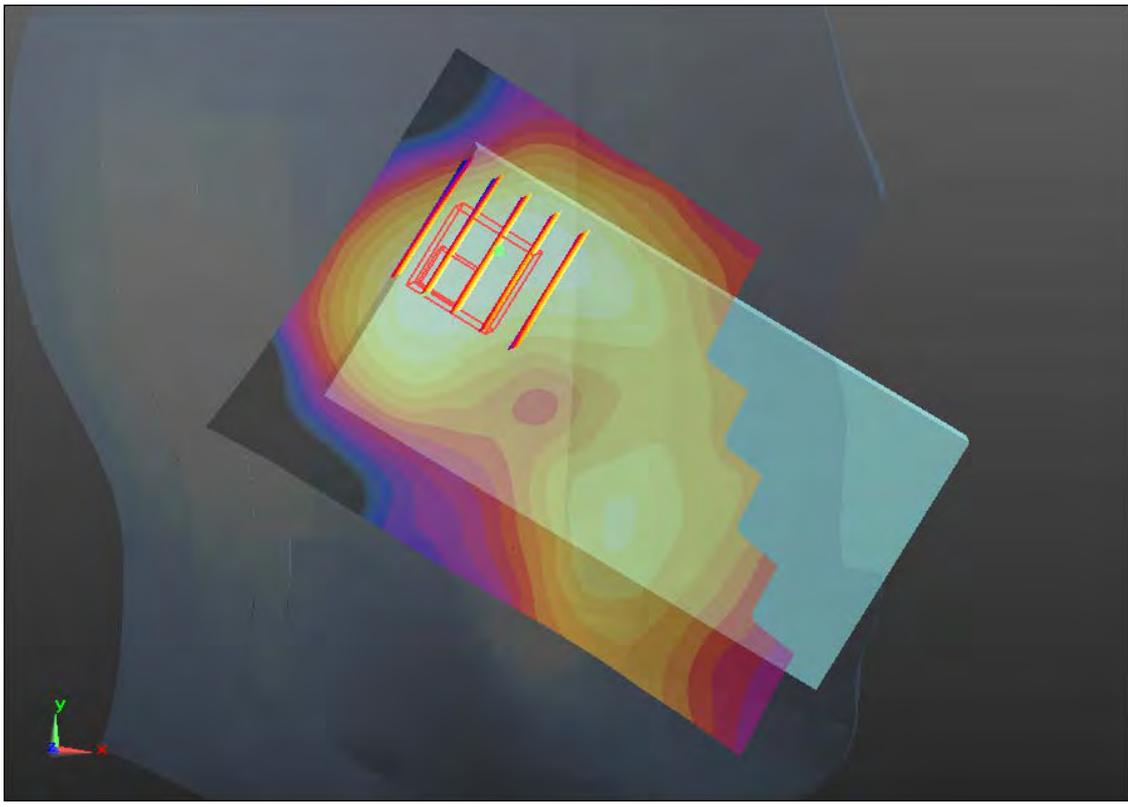
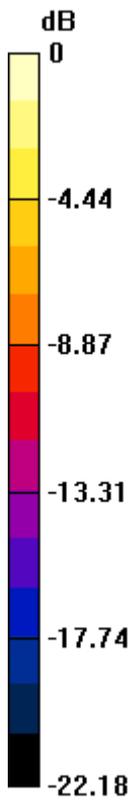
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.574 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 0.248 mW/g



0 dB = 0.250mW/g

#138 CDMA2000 BC1_RETAP 4096_Right Cheek_Ch600

DUT: 270201

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

Medium: HSL_1900_121013 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.438$ mho/m; $\epsilon_r =$

38.505 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

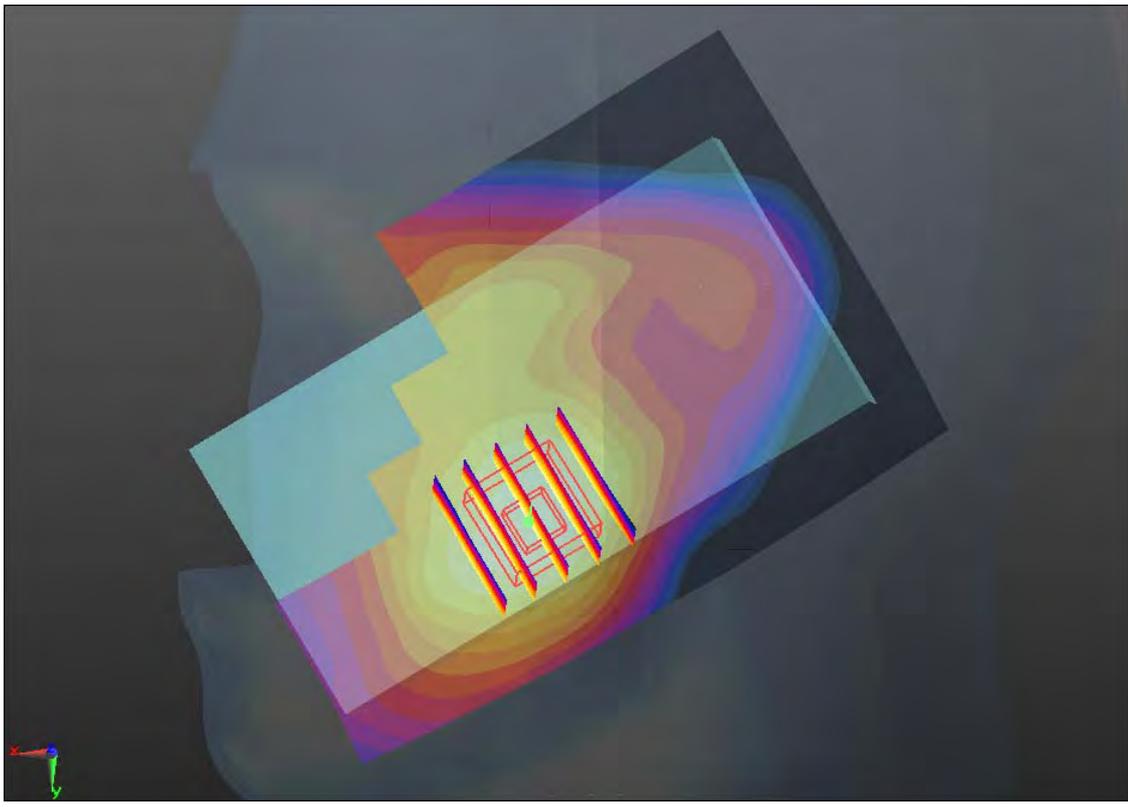
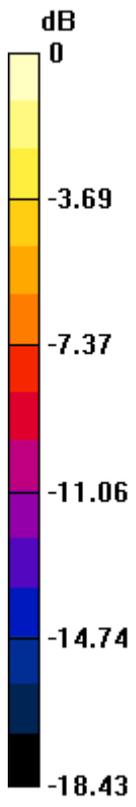
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.650 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.215 W/kg

SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.466 mW/g

Maximum value of SAR (measured) = 0.850 mW/g



0 dB = 0.850mW/g

#139 CDMA2000 BC1_RETAP 4096_Right Tilted_Ch600

DUT: 270201

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

Medium: HSL_1900_121013 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.438$ mho/m; $\epsilon_r =$

38.505 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.175 mW/g

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

Reference Value = 10.812 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.090 mW/g

Maximum value of SAR (measured) = 0.175 mW/g

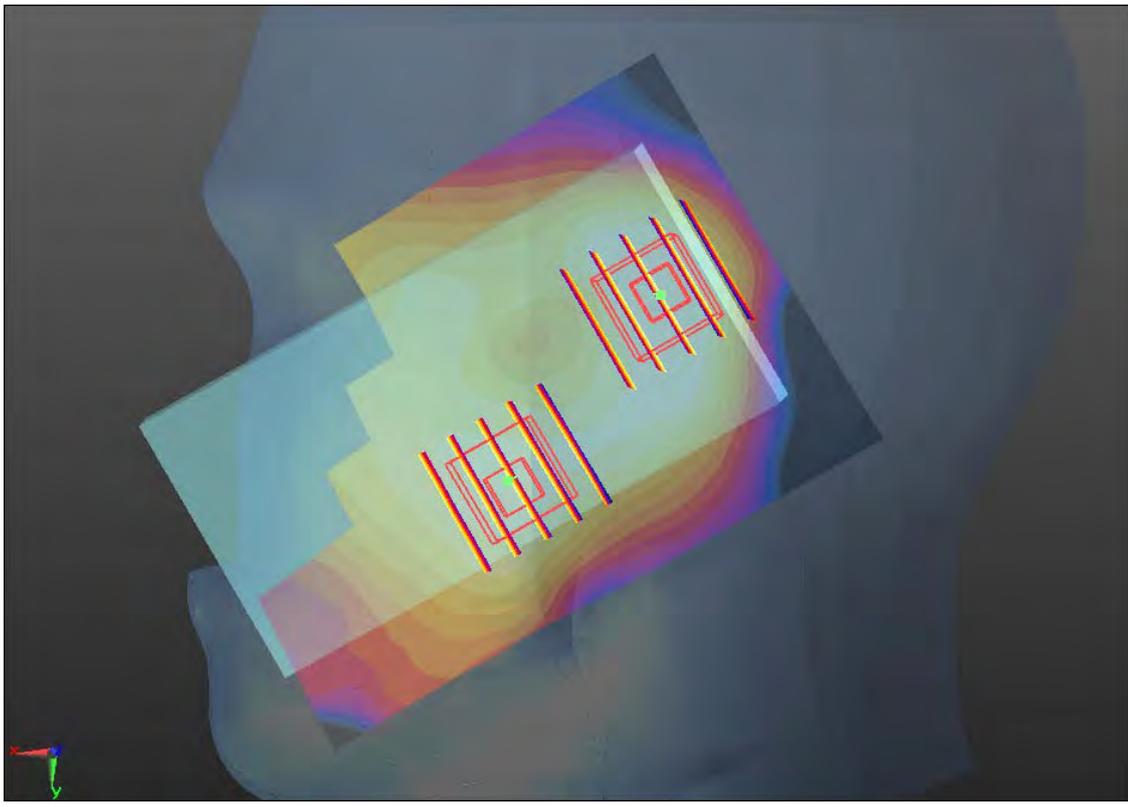
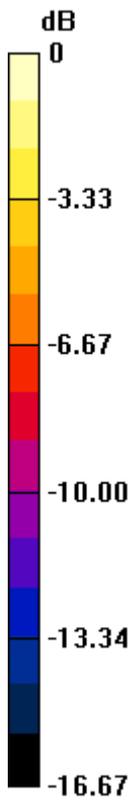
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.812 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.075 mW/g

Maximum value of SAR (measured) = 0.126 mW/g



0 dB = 0.130mW/g

#140 CDMA2000 BC1_RETAP 4096_Left Cheek_Ch600

DUT: 270201

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

Medium: HSL_1900_121013 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.438$ mho/m; $\epsilon_r =$

38.505 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.904 mW/g

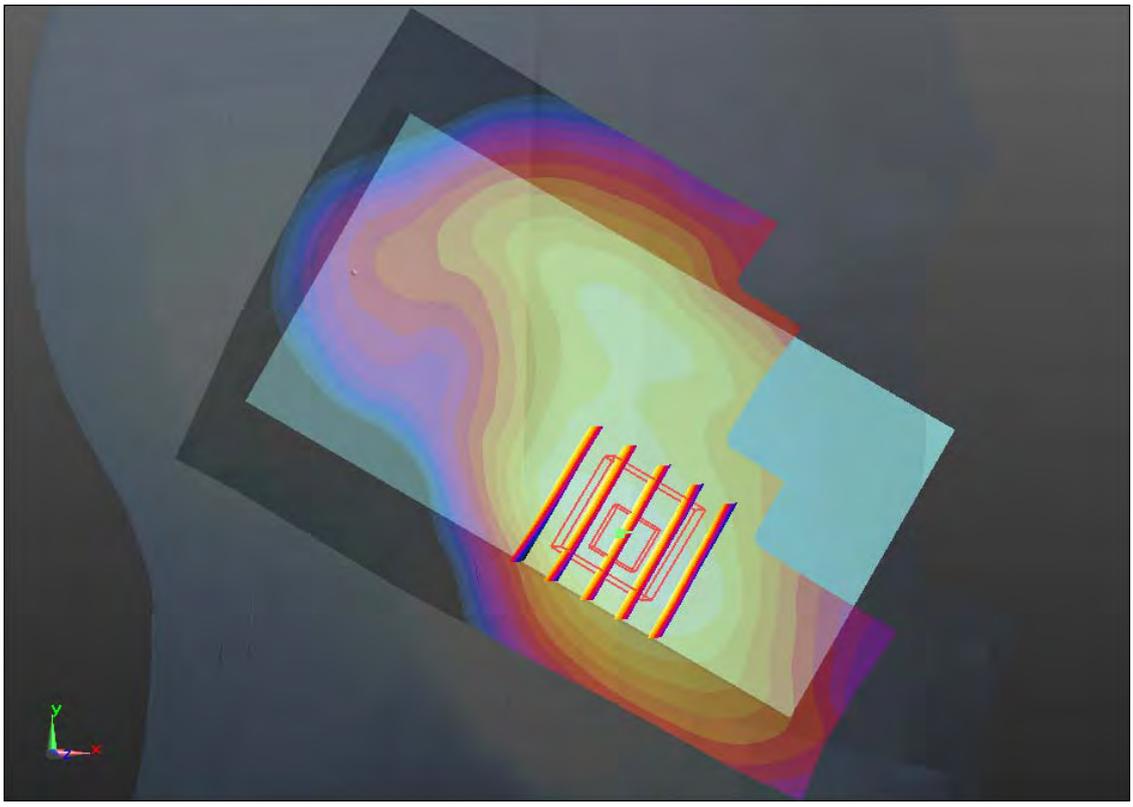
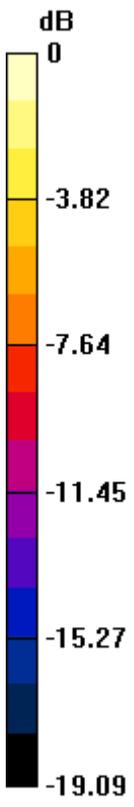
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.404 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.233 W/kg

SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.464 mW/g

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



0 dB = 0.860mW/g

#140 CDMA2000 BC1_RETAP 4096_Left Cheek_Ch600_2D

DUT: 270201

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

Medium: HSL_1900_121013 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.438$ mho/m; $\epsilon_r =$

38.505 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.904 mW/g

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

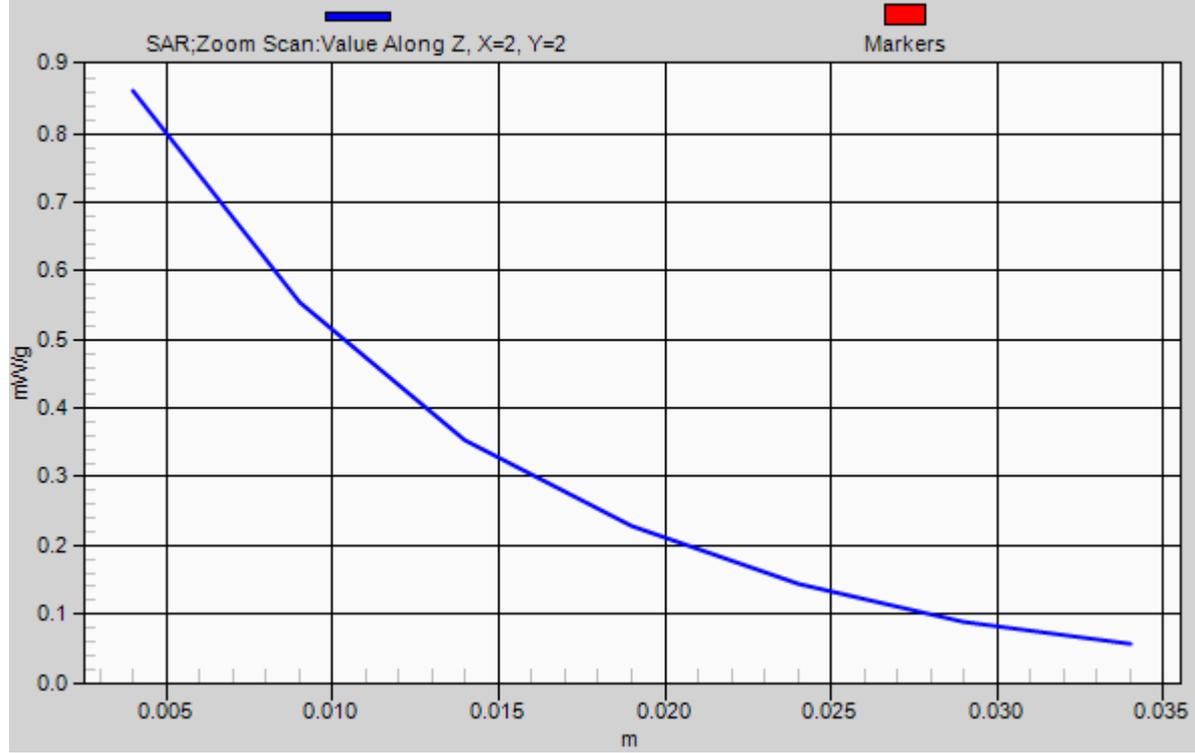
Reference Value = 9.404 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.233 W/kg

SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.464 mW/g

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

1g/10g Averaged SAR



#141 CDMA2000 BC1_RETAP 4096_Left Tilted_Ch600

DUT: 270201

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

Medium: HSL_1900_121013 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.438$ mho/m; $\epsilon_r =$

38.505 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.217 mW/g

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

Reference Value = 11.221 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.198 mW/g

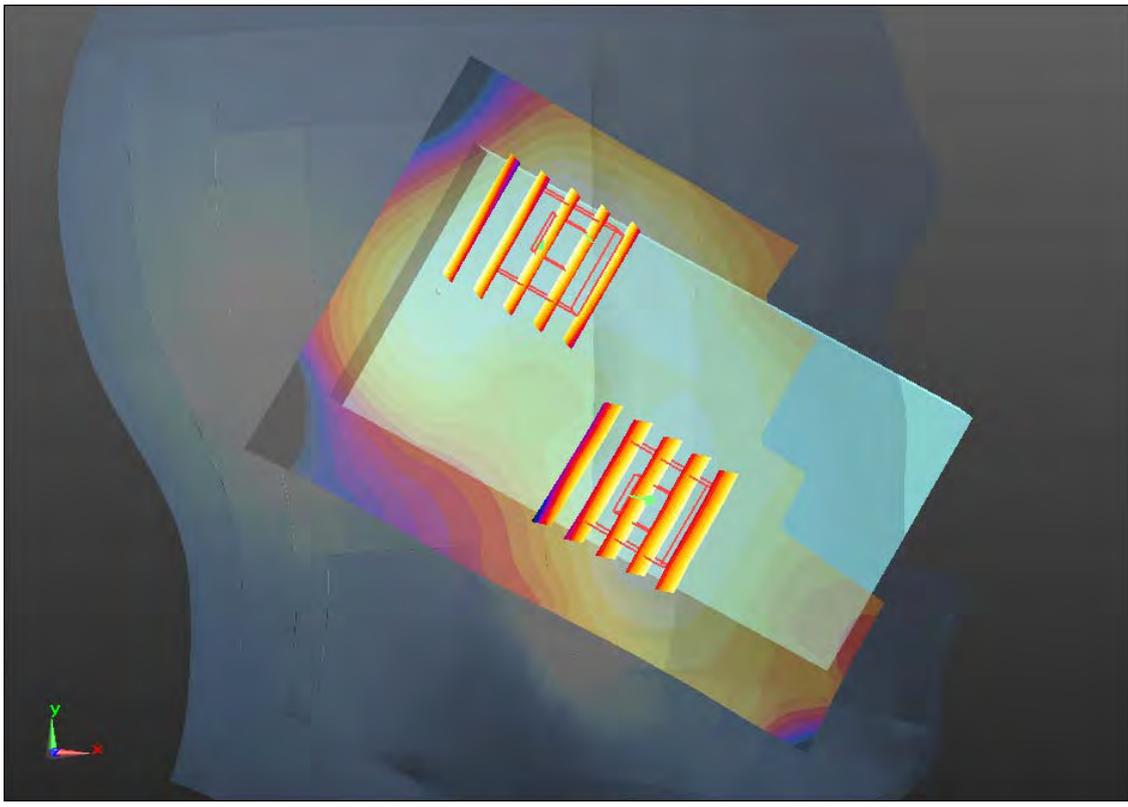
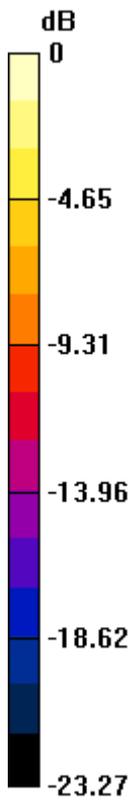
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.221 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.147 mW/g



0 dB = 0.150mW/g

#09 CDMA2000 BC10_RC3 SO55_Right Cheek_Ch476

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: HSL_835_120824 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.876$ mho/m; $\epsilon_r = 41.7$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

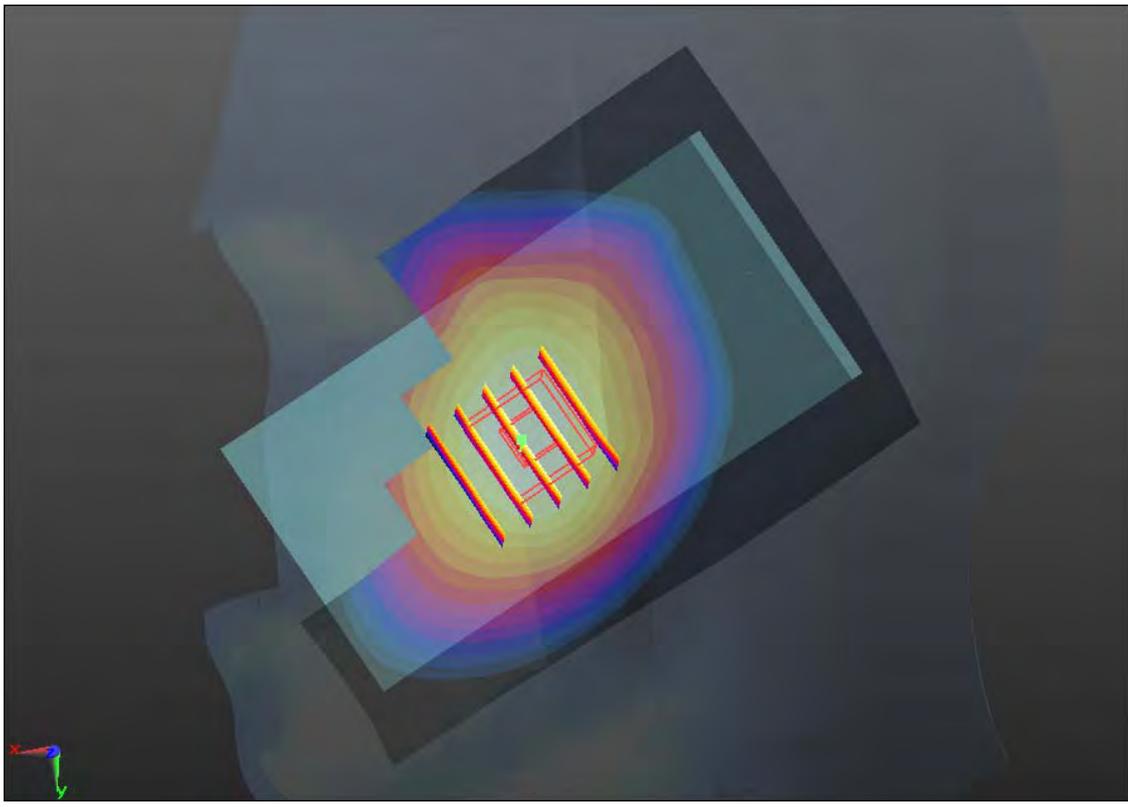
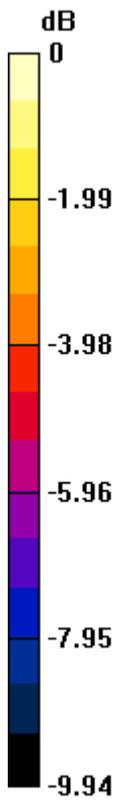
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.615 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.335 mW/g



0 dB = 0.340mW/g

#09 CDMA2000 BC10_RC3 SO55_Right Cheek_Ch476_2D

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: HSL_835_120824 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.876$ mho/m; $\epsilon_r = 41.7$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

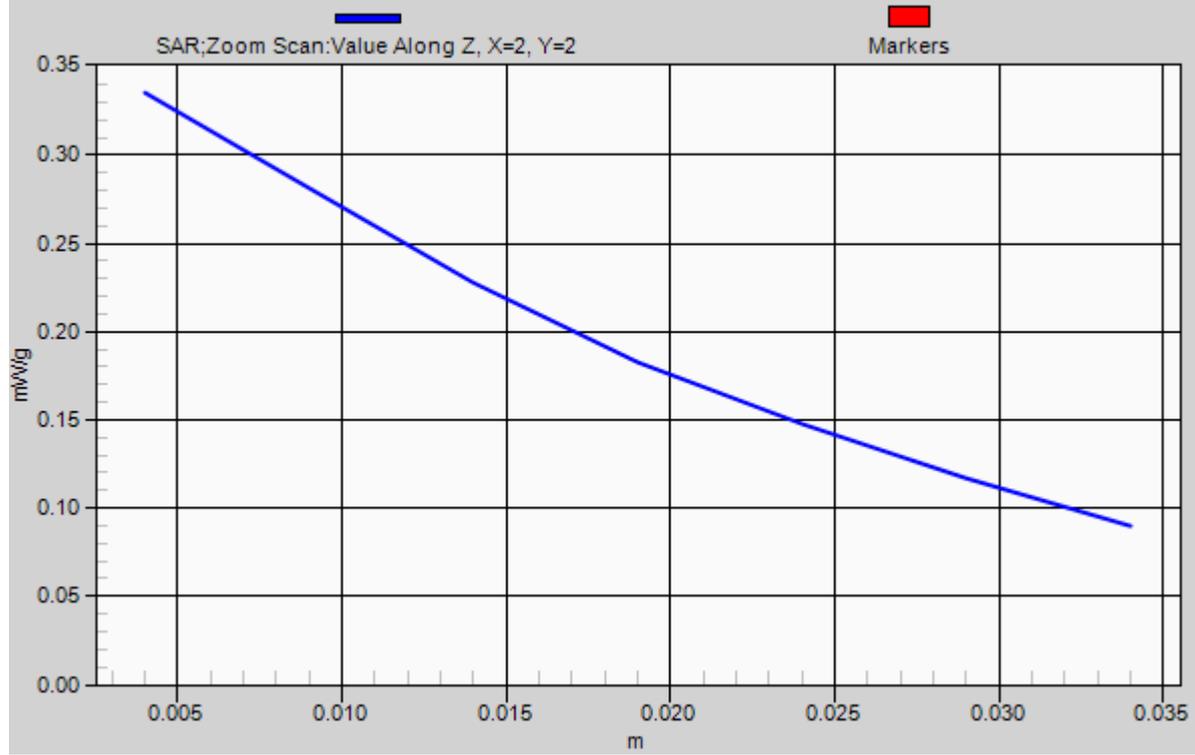
Reference Value = 5.615 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.335 mW/g

1g/10g Averaged SAR



#10 CDMA2000 BC10_RC3 SO55_Right Tilted_Ch476

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: HSL_835_120824 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.876$ mho/m; $\epsilon_r = 41.7$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

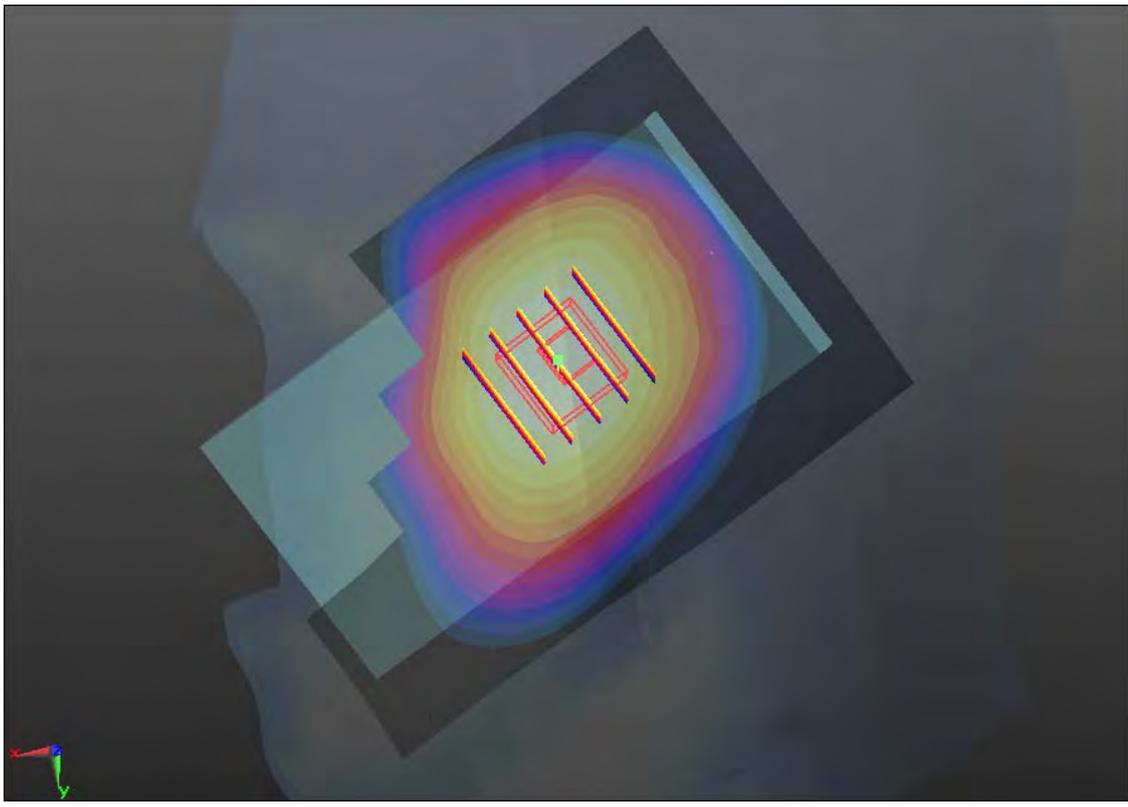
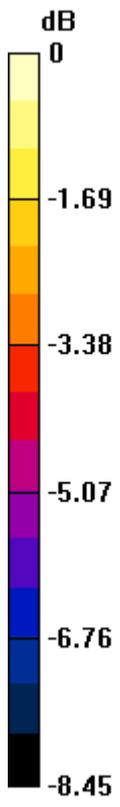
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.476 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.181 mW/g

Maximum value of SAR (measured) = 0.240 mW/g



0 dB = 0.240mW/g

#11 CDMA2000 BC10_RC3 SO55_Left Cheek_Ch476

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: HSL_835_120824 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.876$ mho/m; $\epsilon_r = 41.7$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

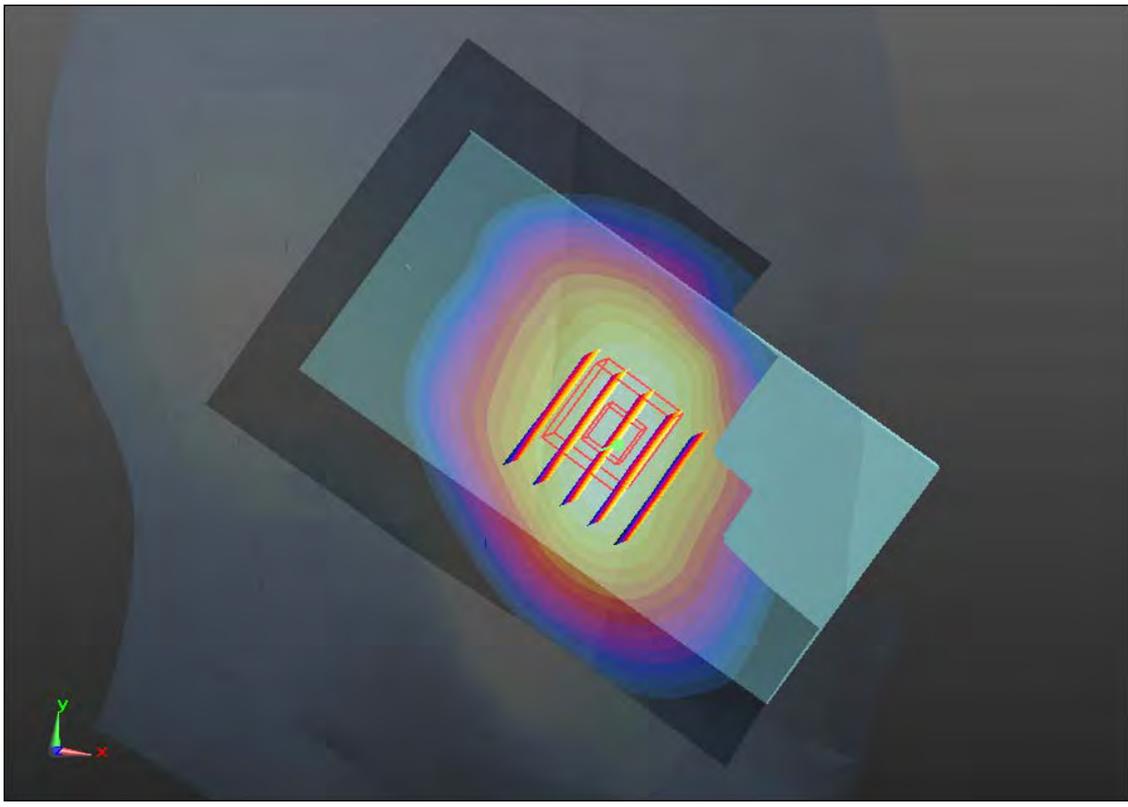
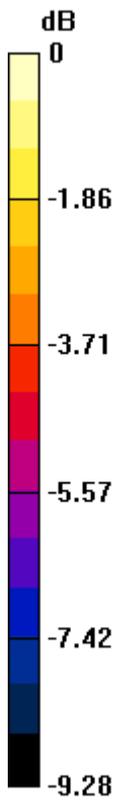
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.880 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.235 mW/g

Maximum value of SAR (measured) = 0.326 mW/g



0 dB = 0.330mW/g

#12 CDMA2000 BC10_RC3 SO55_Left Tilted_Ch476

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: HSL_835_120824 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.876$ mho/m; $\epsilon_r = 41.7$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.242 mW/g

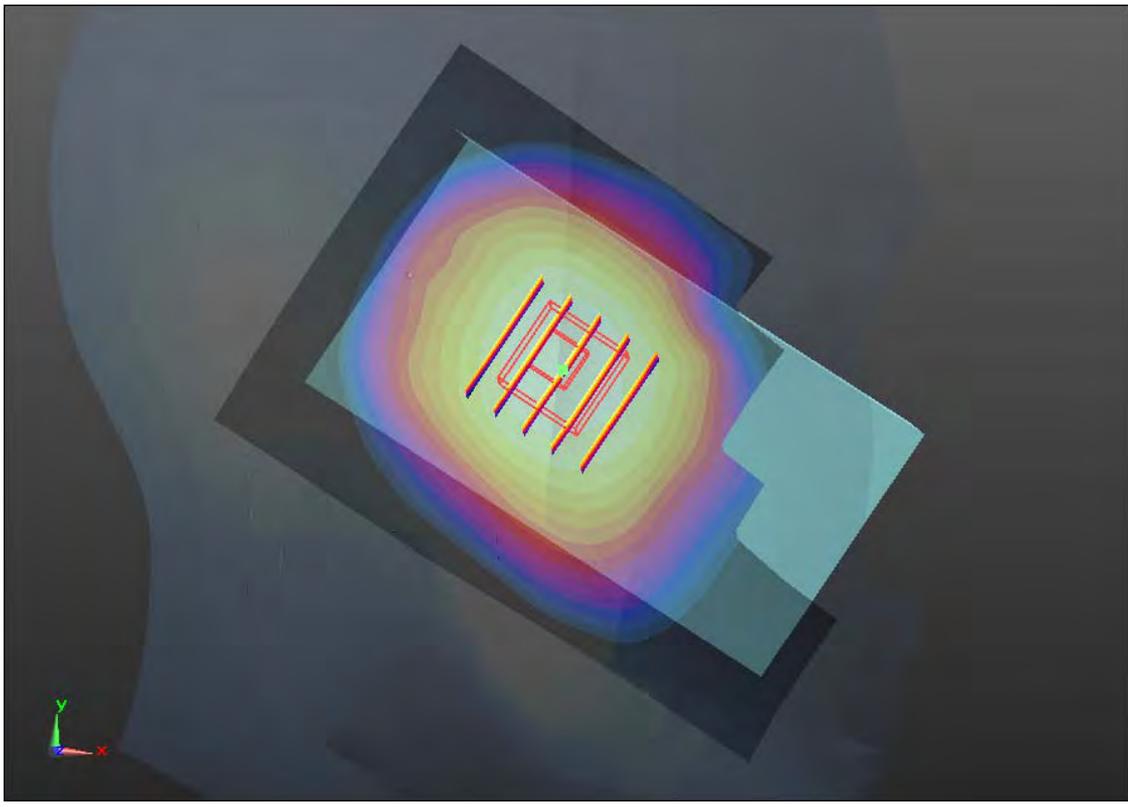
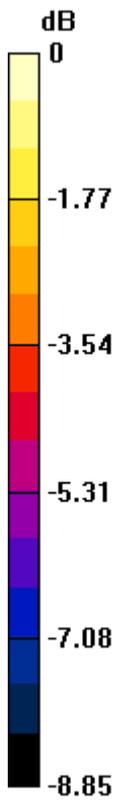
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.241 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 0.240 mW/g



0 dB = 0.240mW/g

#142 CDMA2000 BC10_RETAP 4096_Right Cheek_Ch476

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: HSL_835_121012 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r =$

41.829; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.352 mW/g

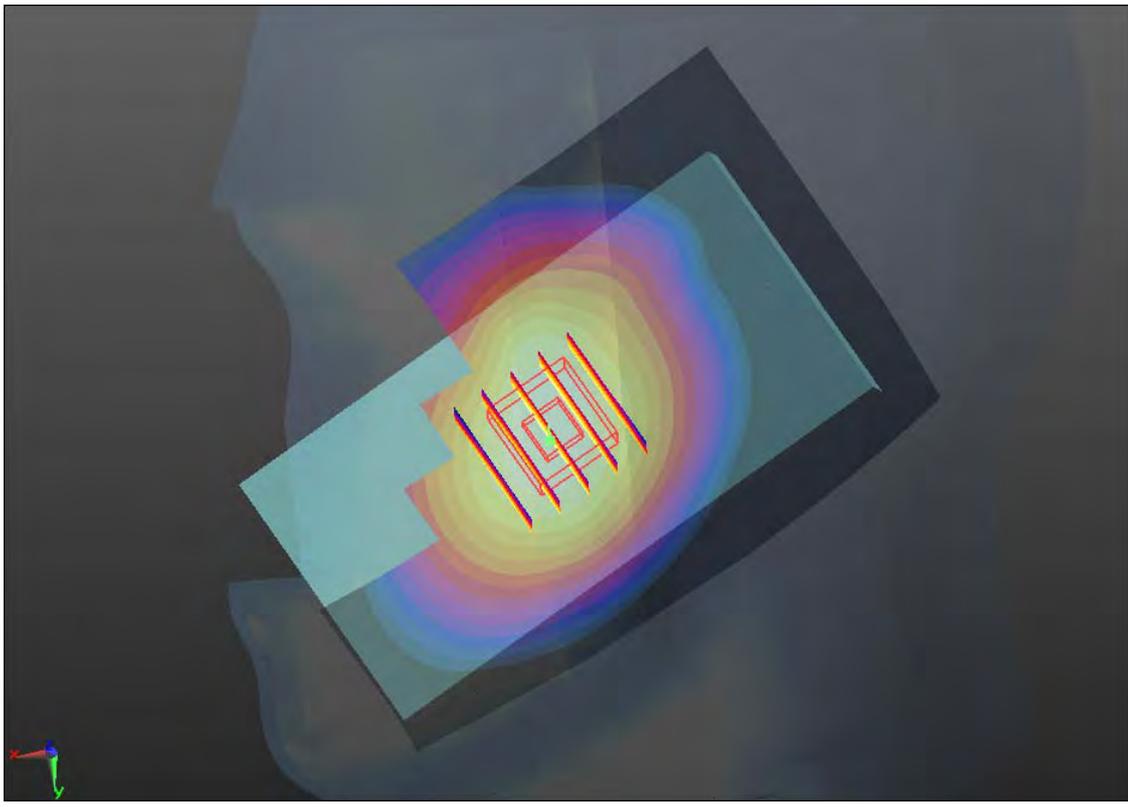
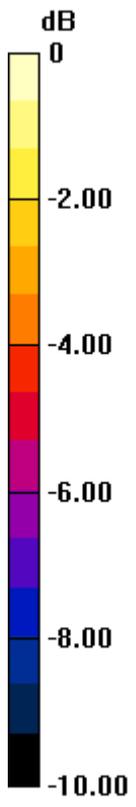
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.932 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.253 mW/g

Maximum value of SAR (measured) = 0.350 mW/g



0 dB = 0.350mW/g

#142 CDMA2000 BC10_RETAP 4096_Right Cheek_Ch476_2D

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: HSL_835_121012 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r =$

41.829; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.352 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

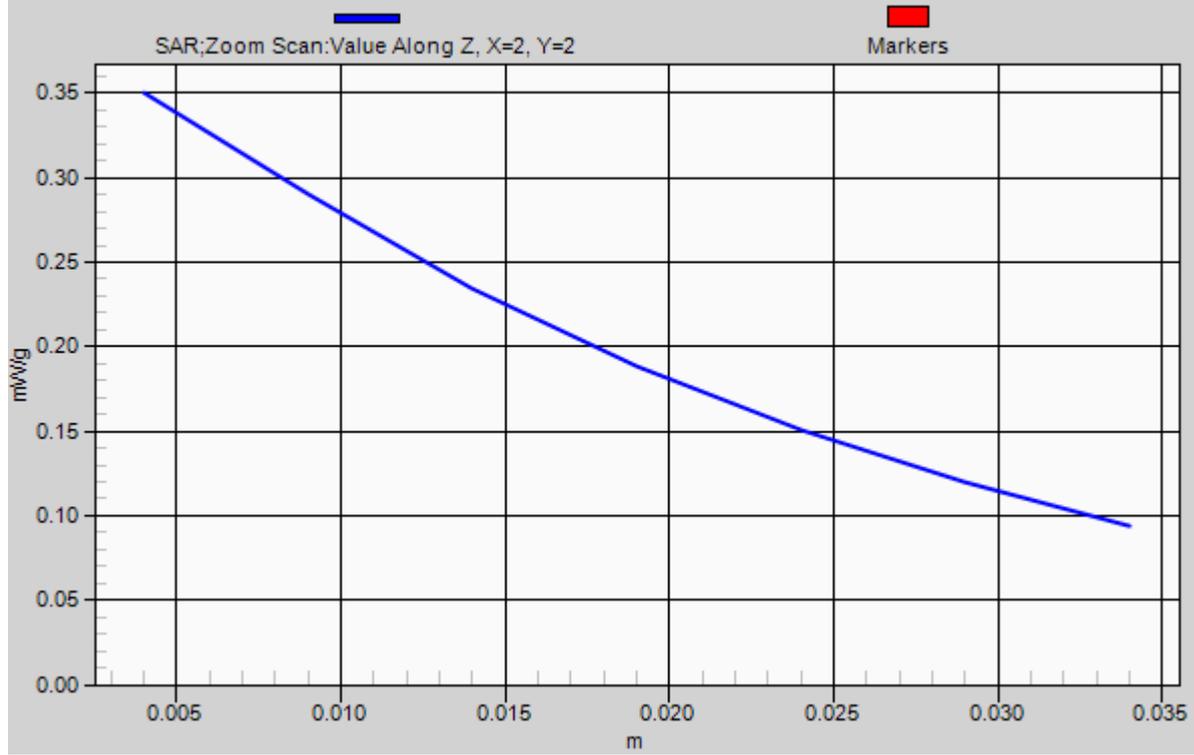
Reference Value = 5.932 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.253 mW/g

Maximum value of SAR (measured) = 0.350 mW/g

1g/10g Averaged SAR



#143 CDMA2000 BC10_RETAP 4096_Right Tilted_Ch476

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: HSL_835_121012 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r =$

41.829; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.245 mW/g

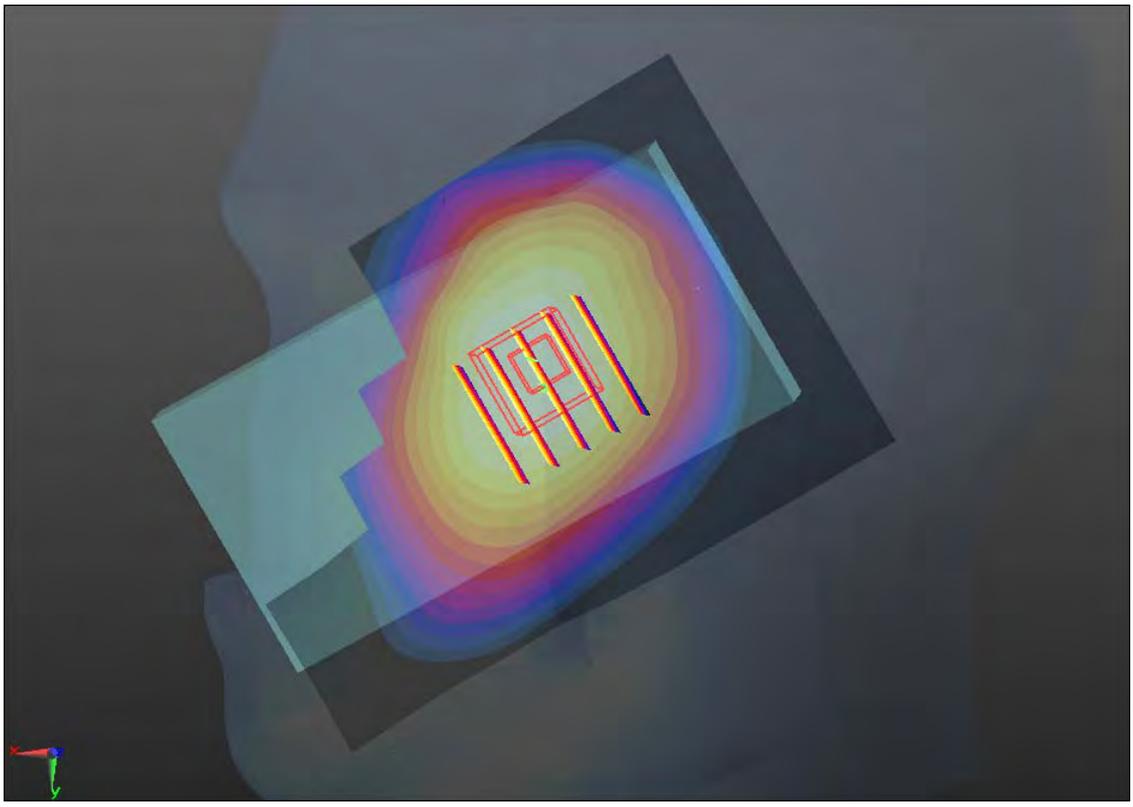
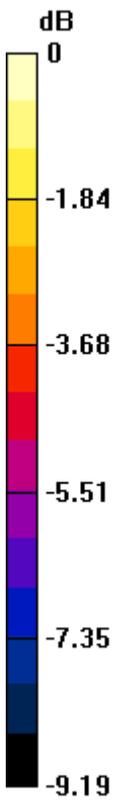
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.135 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.240 mW/g



0 dB = 0.240mW/g

#144 CDMA2000 BC10_RETAP 4096_Left Cheek_Ch476

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: HSL_835_121012 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r =$

41.829; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.340 mW/g

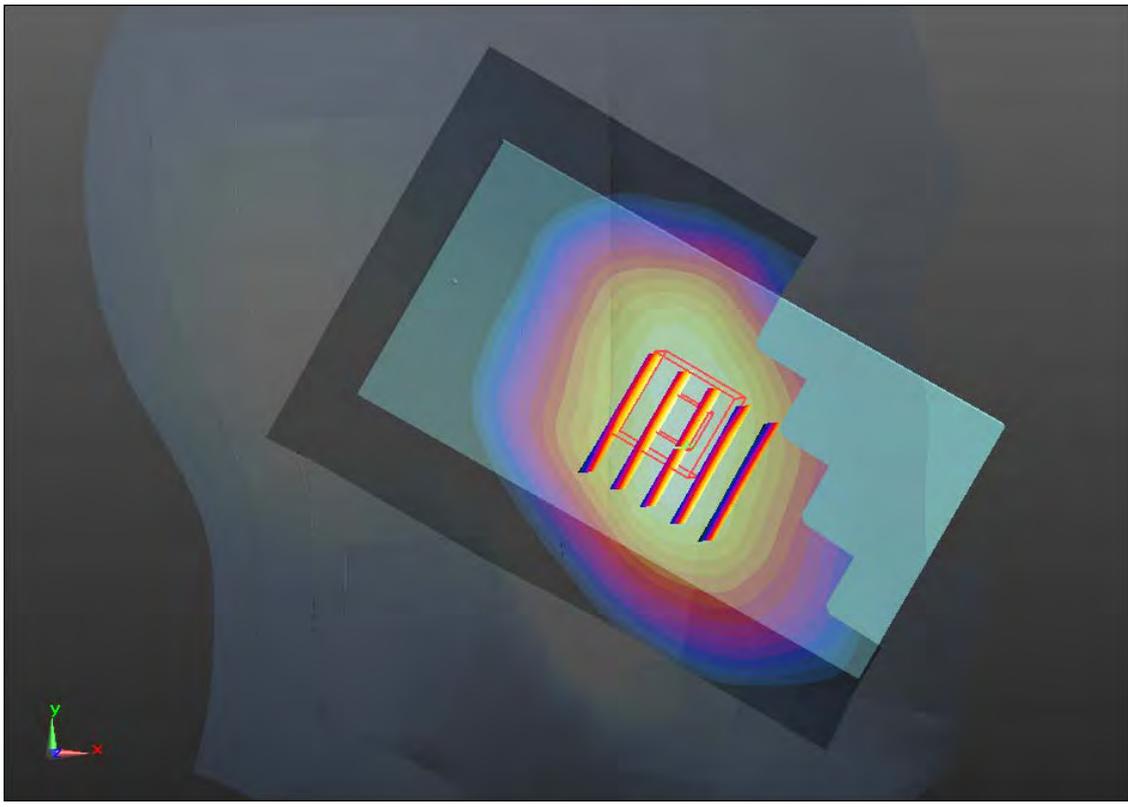
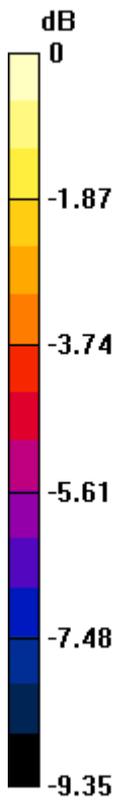
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.573 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.249 mW/g

Maximum value of SAR (measured) = 0.344 mW/g



0 dB = 0.340mW/g

#145 CDMA2000 BC10_RETAP 4096_Left Tilted_Ch476

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: HSL_835_121012 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r =$

41.829; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.248 mW/g

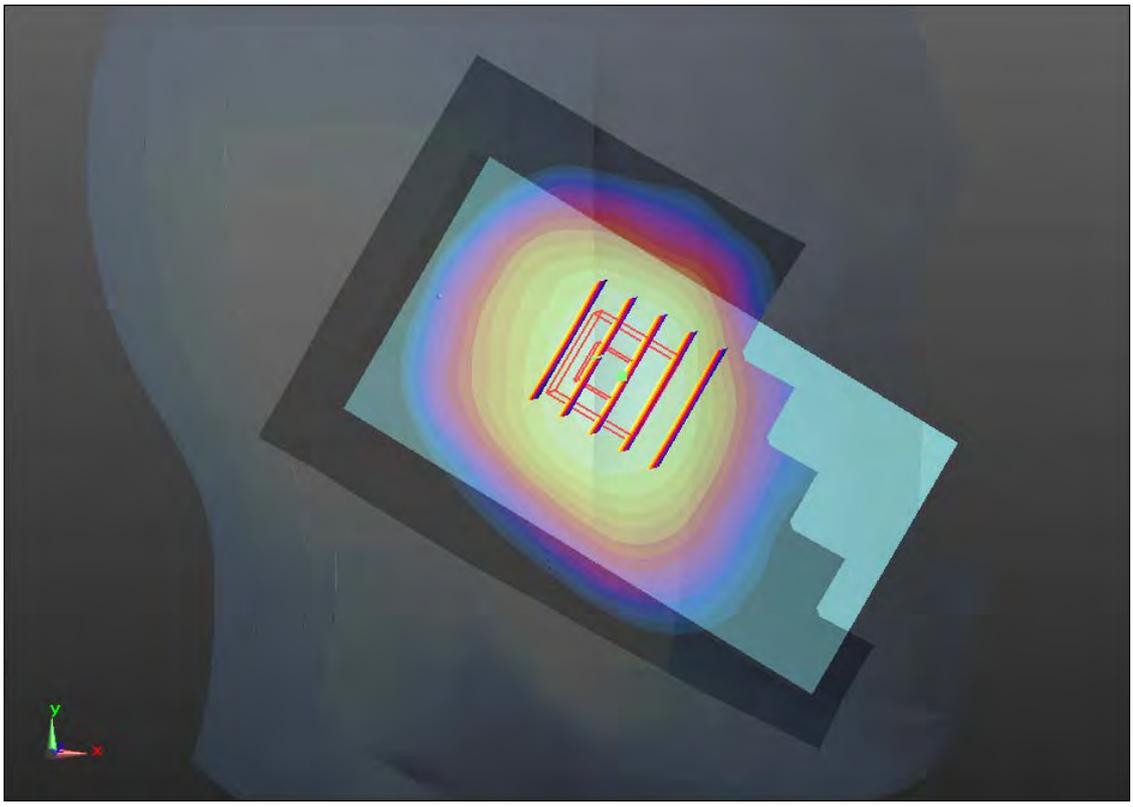
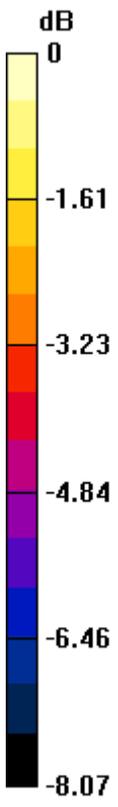
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.492 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.185 mW/g

Maximum value of SAR (measured) = 0.248 mW/g



0 dB = 0.250mW/g

#13 LTE Band 25_QPSK(25 13)_10M_Right Cheek_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.476 mW/g

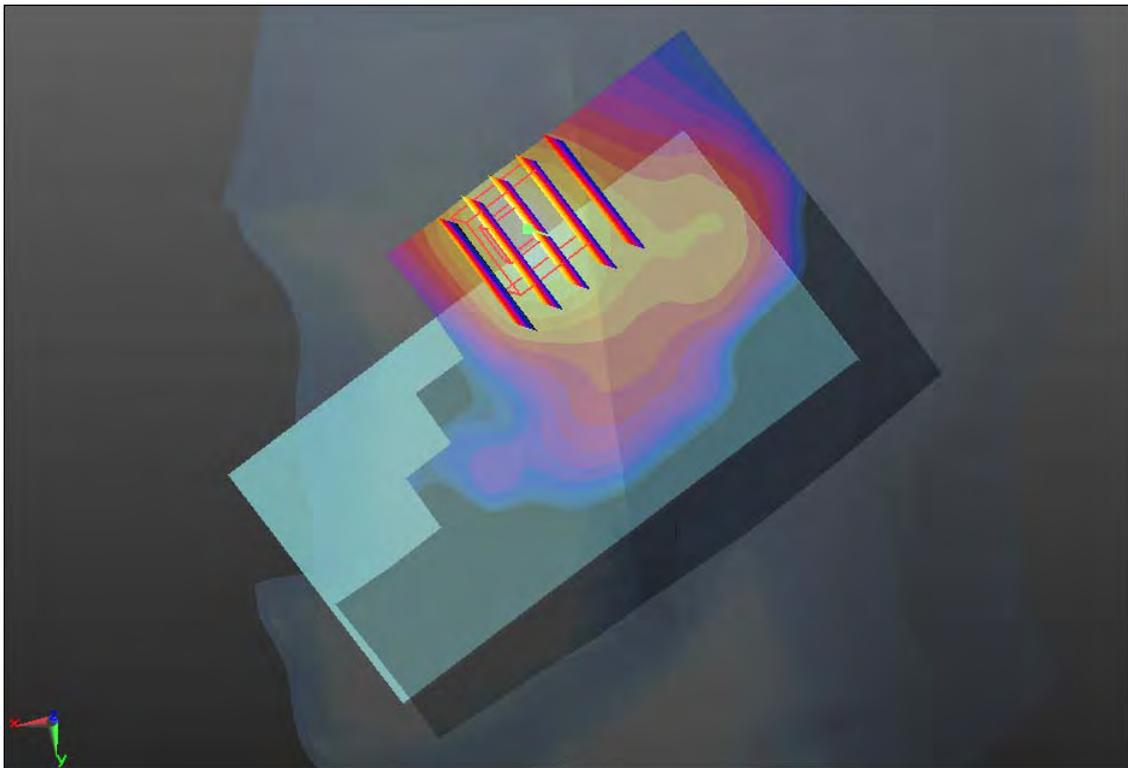
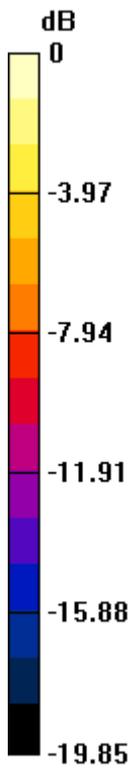
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.536 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.928 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 0.471 mW/g



0 dB = 0.470mW/g

#17 LTE Band 25_QPSK(1 0)_10M_Right Cheek_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

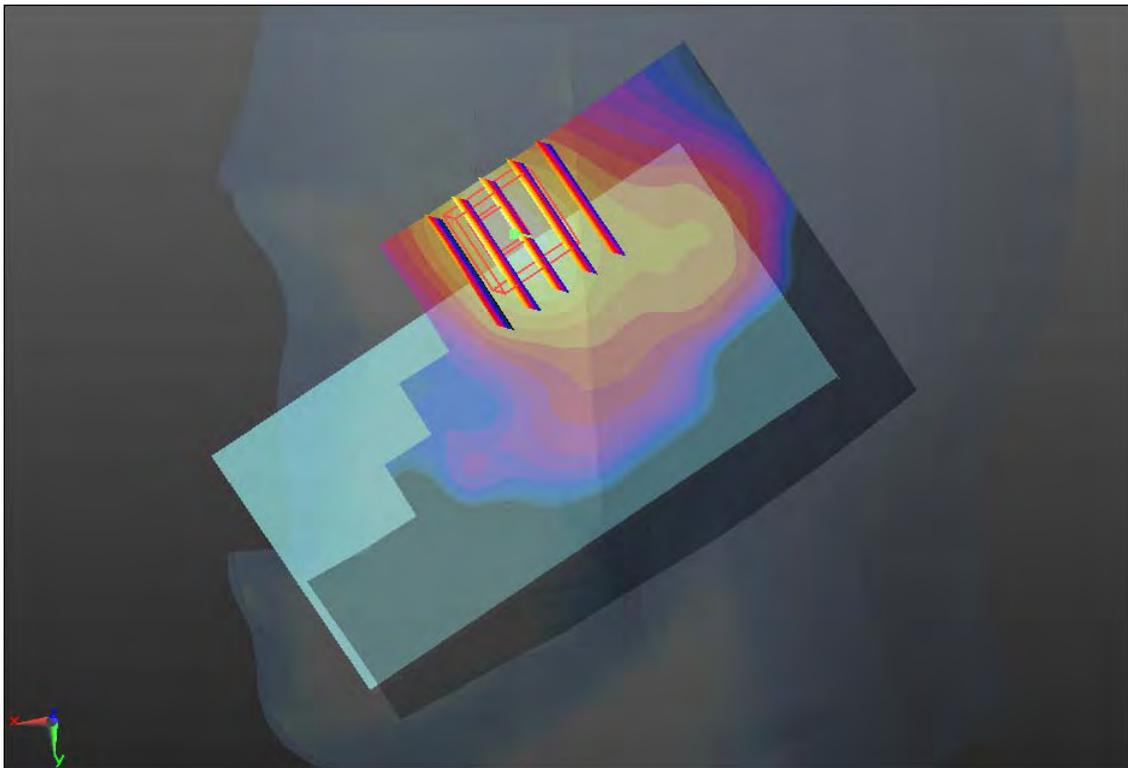
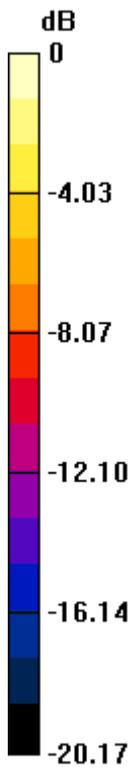
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.494 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.137 W/kg

SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.281 mW/g

Maximum value of SAR (measured) = 0.595 mW/g



0 dB = 0.600mW/g

#21 LTE Band 25_QPSK(1 49)_10M_Right Cheek_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.612 mW/g

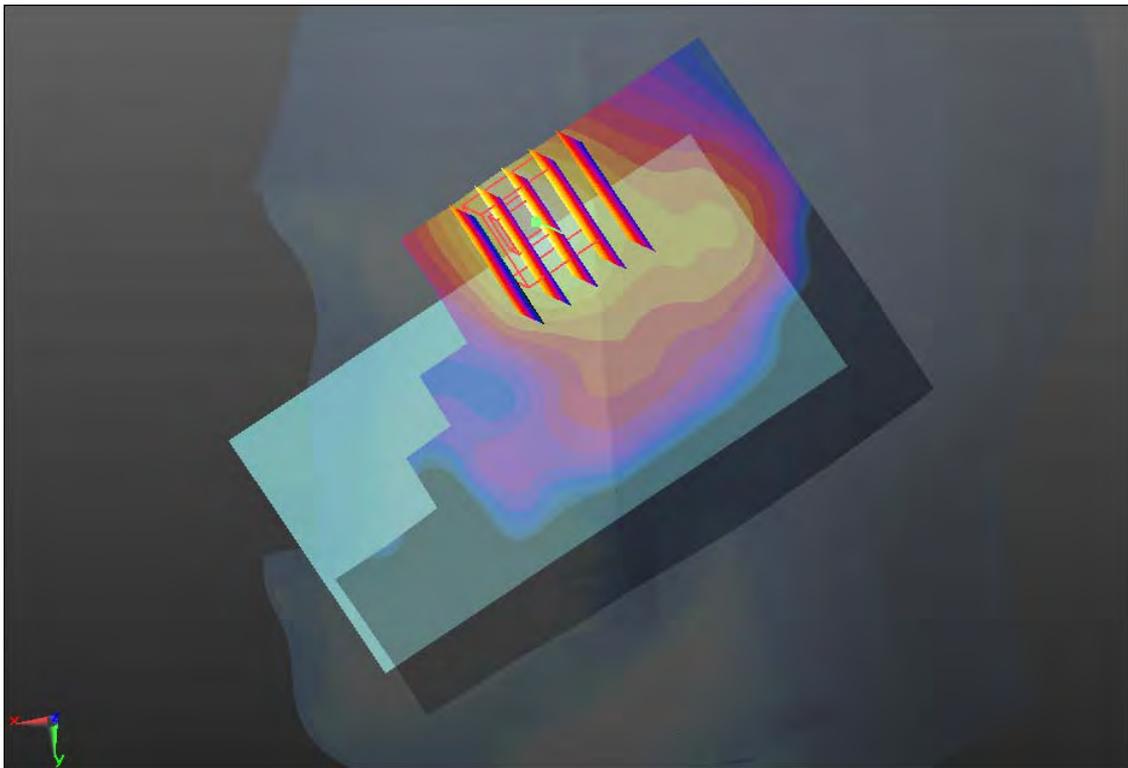
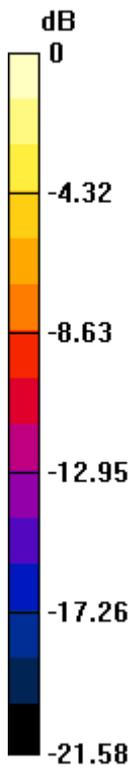
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.869 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.260 W/kg

SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.646 mW/g



0 dB = 0.650mW/g

#25 LTE Band 25_16QAM(25 13)_10M_Right Cheek_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

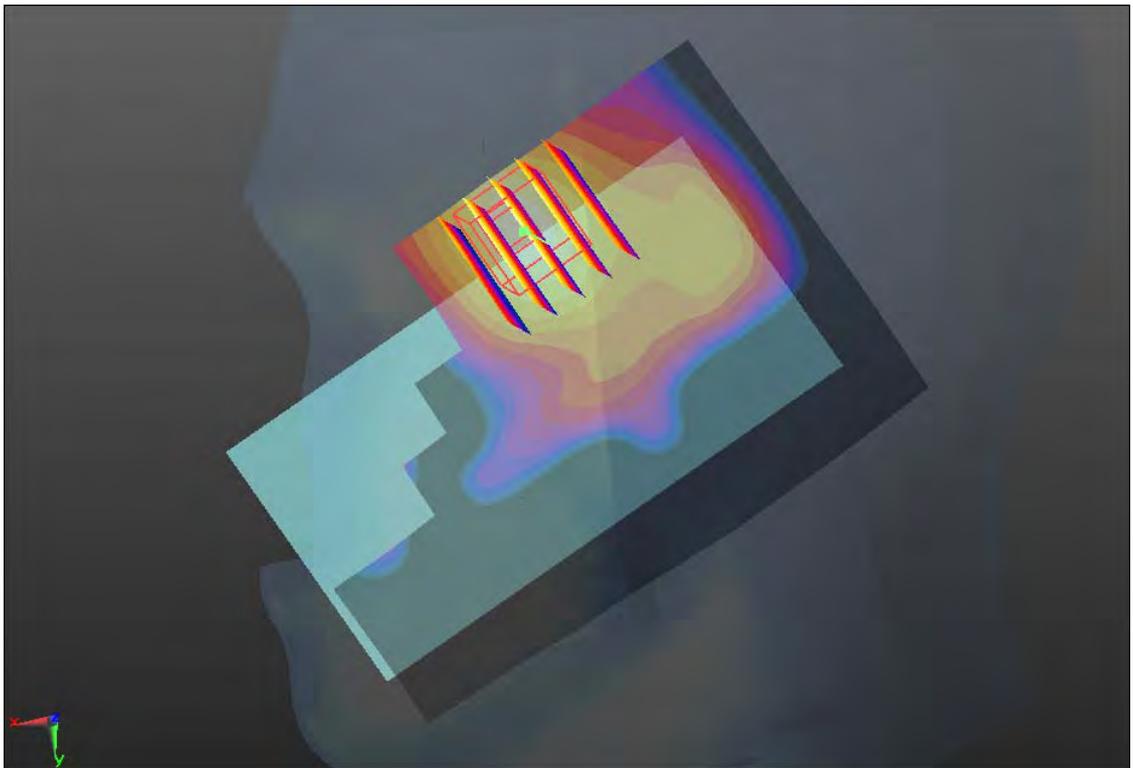
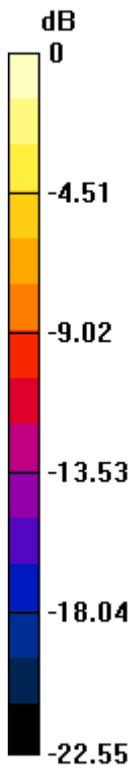
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.535 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.680 W/kg

SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.164 mW/g

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



0 dB = 0.350mW/g

#29 LTE Band 25_16QAM(1 0)_10M_Right Cheek_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

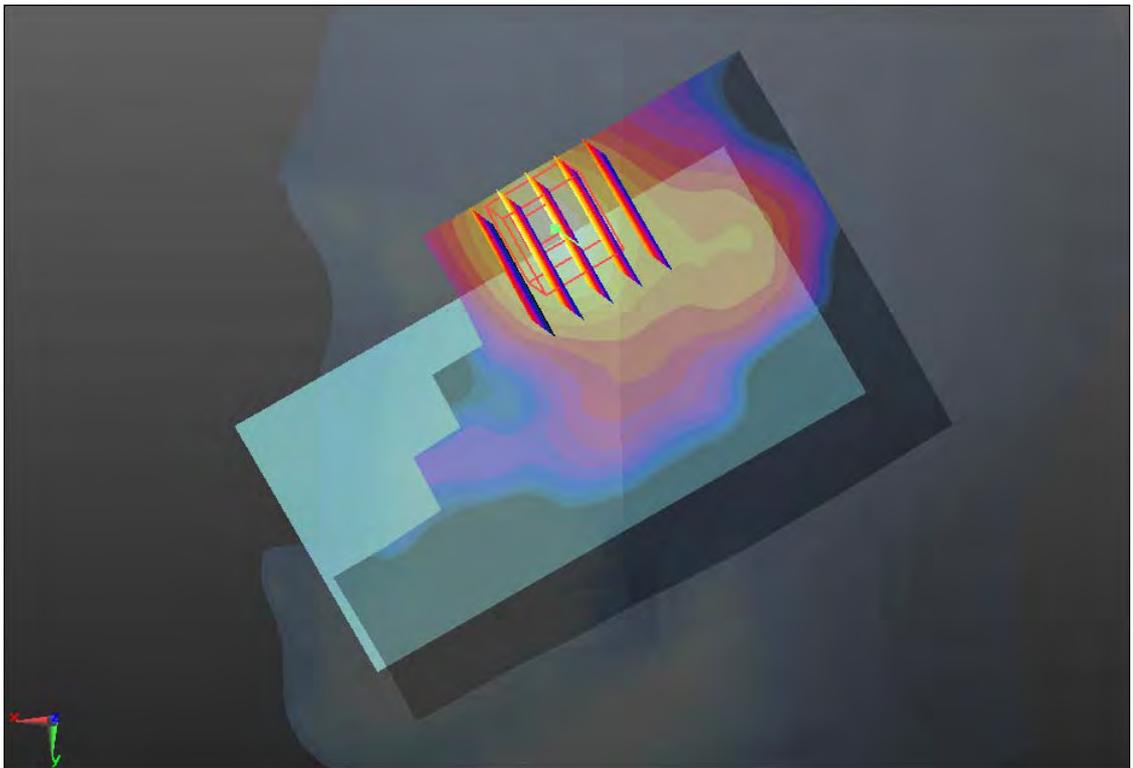
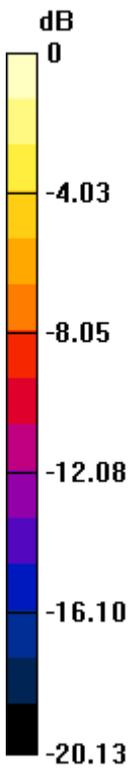
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.546 V/m; Power Drift = 0.0086 dB

Peak SAR (extrapolated) = 0.861 W/kg

SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.215 mW/g

Maximum value of SAR (measured) = 0.468 mW/g



0 dB = 0.470mW/g

#33 LTE Band 25_16QAM(1 49)_10M_Right Cheek_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.540 mW/g

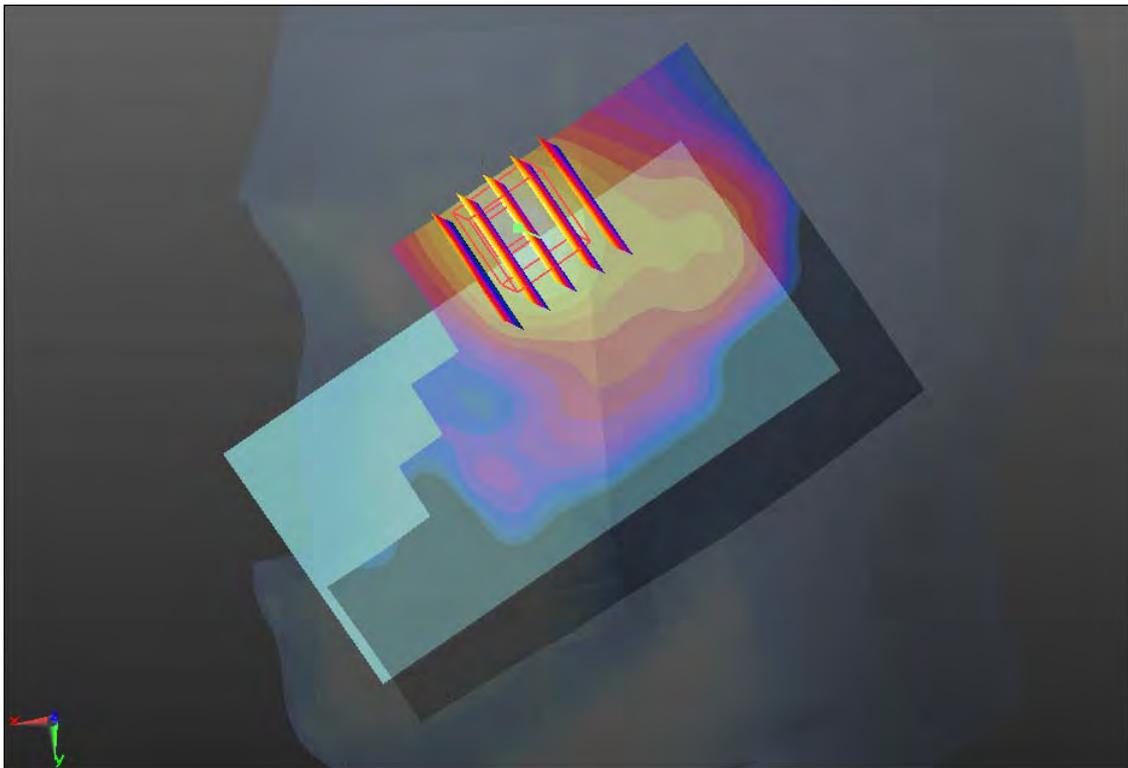
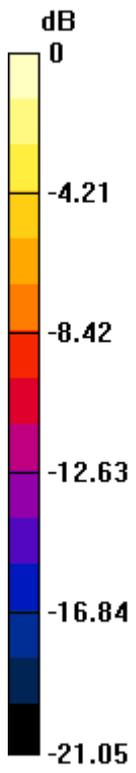
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.152 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.047 W/kg

SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.251 mW/g

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



0 dB = 0.550mW/g

#14 LTE Band 25_QPSK(25 13)_10M_Right Tilted_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

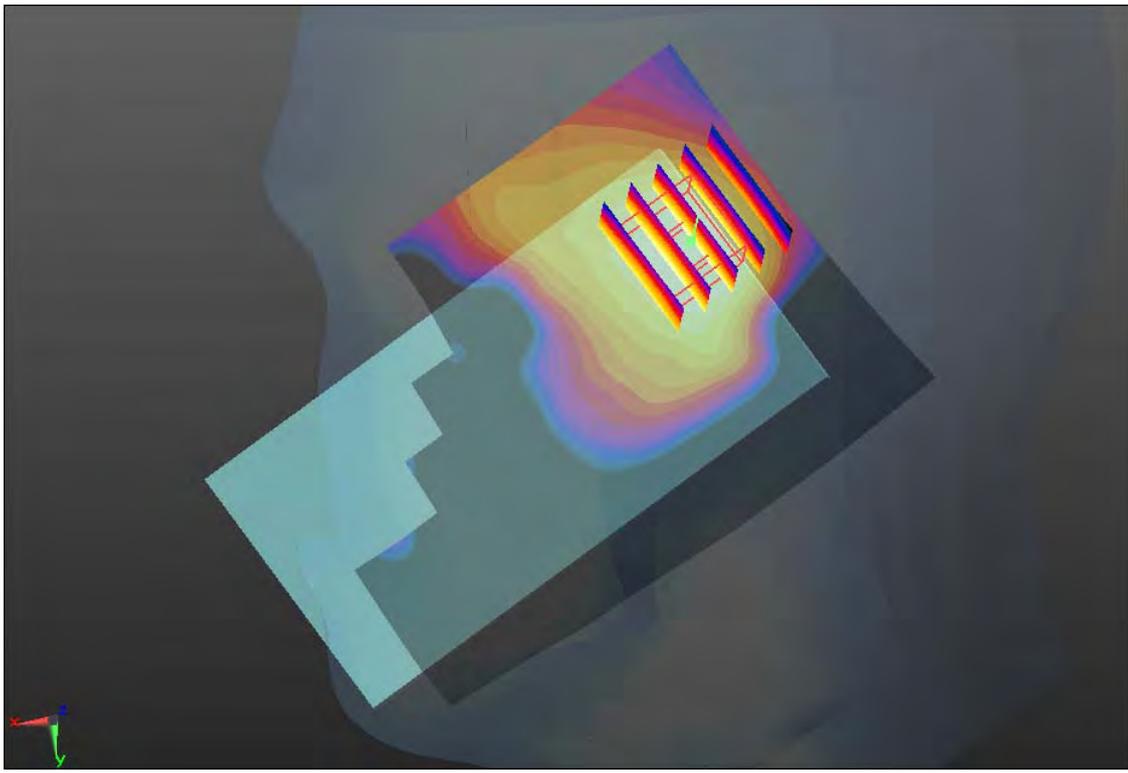
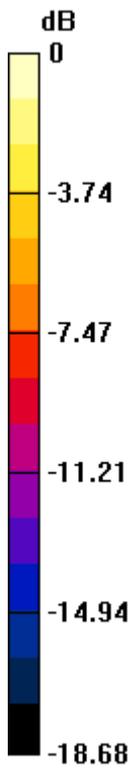
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.660 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.426 W/kg

SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.143 mW/g

Maximum value of SAR (measured) = 0.274 mW/g



0 dB = 0.270mW/g

#18 LTE Band 25_QPSK(1 0)_10M_Right Tilted_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

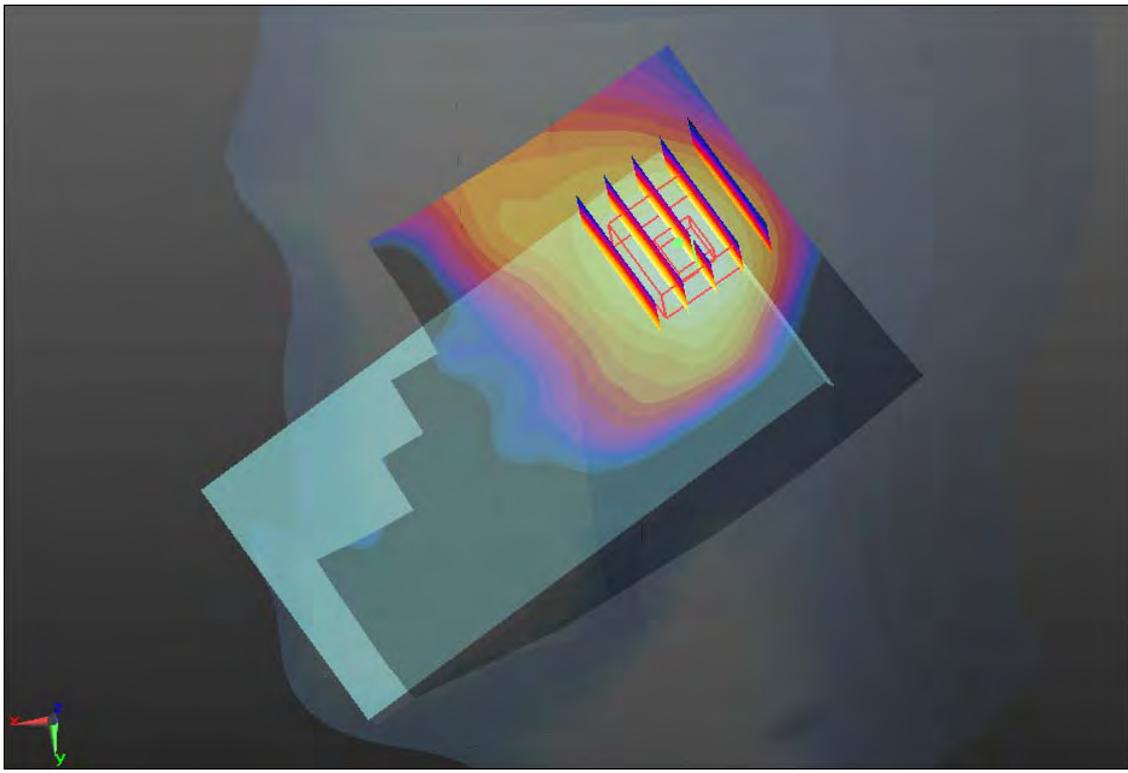
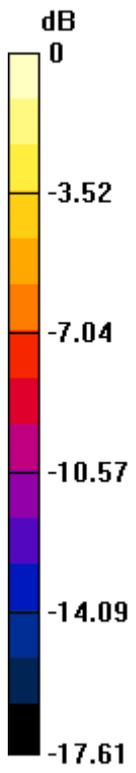
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.376 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.521 W/kg

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.183 mW/g

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



0 dB = 0.340mW/g

#22 LTE Band 25_QPSK(1 49)_10M_Right Tilted_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.359 mW/g

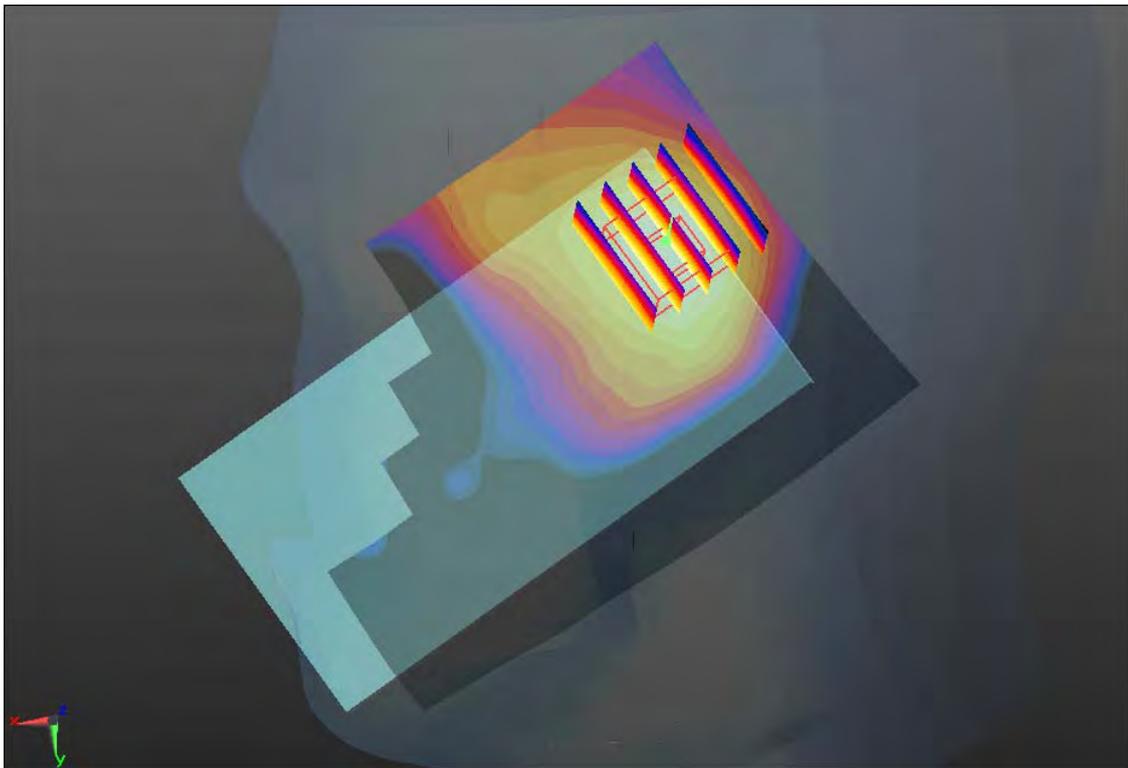
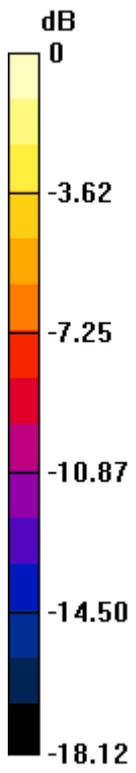
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.700 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.566 W/kg

SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.362 mW/g



0 dB = 0.360mW/g

#26 LTE Band 25_16QAM(25 13)_10M_Right Tilted_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.209 mW/g

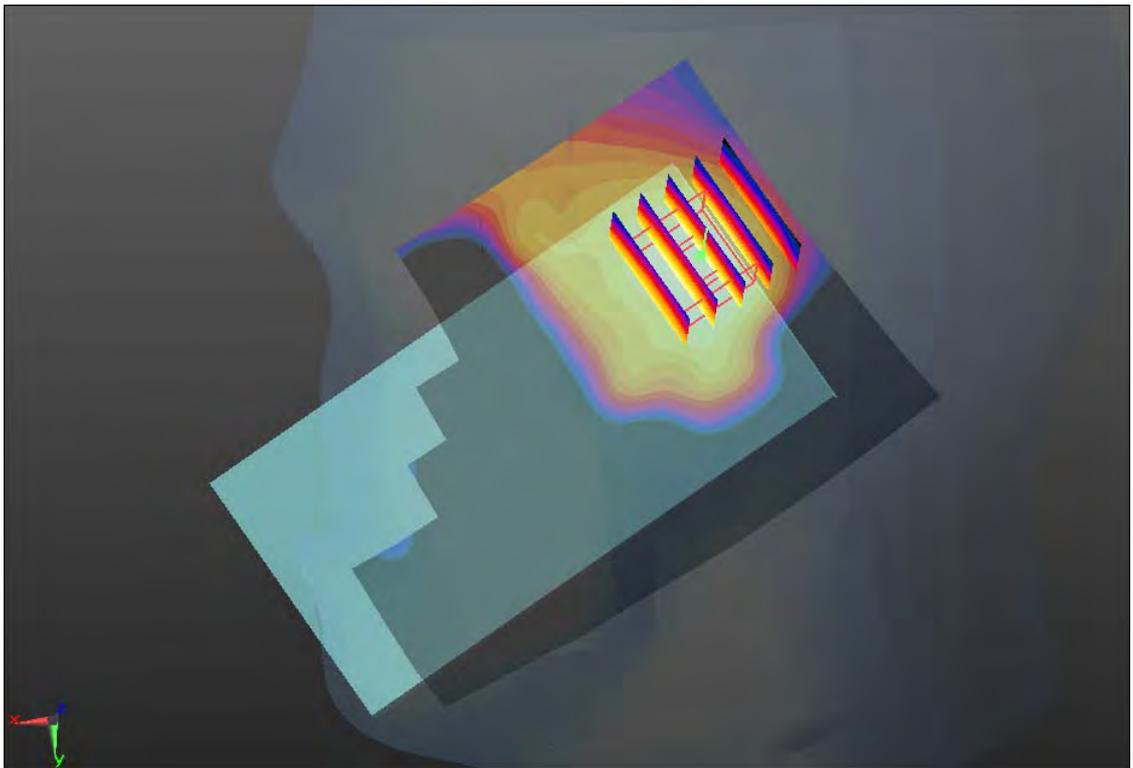
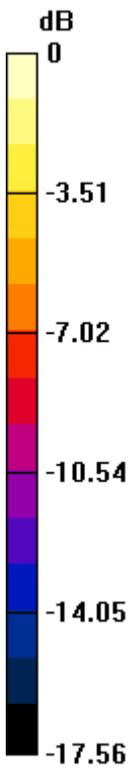
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.170 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.319 W/kg

SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.112 mW/g

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



0 dB = 0.210mW/g

#30 LTE Band 25_16QAM(1 0)_10M_Right Tilted_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.280 mW/g

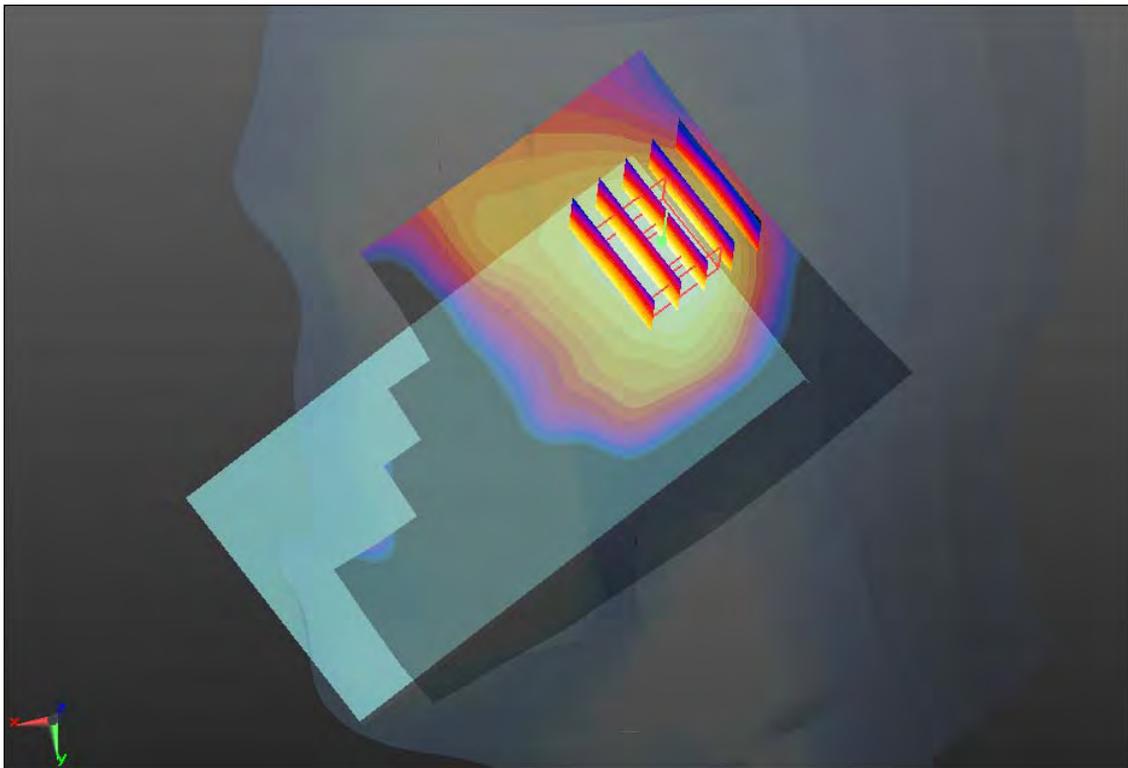
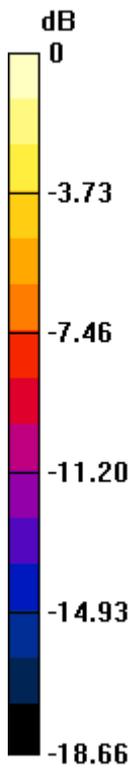
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.682 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.145 mW/g

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



0 dB = 0.270mW/g

#34 LTE Band 25_16QAM(1 49)_10M_Right Tilted_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.284 mW/g

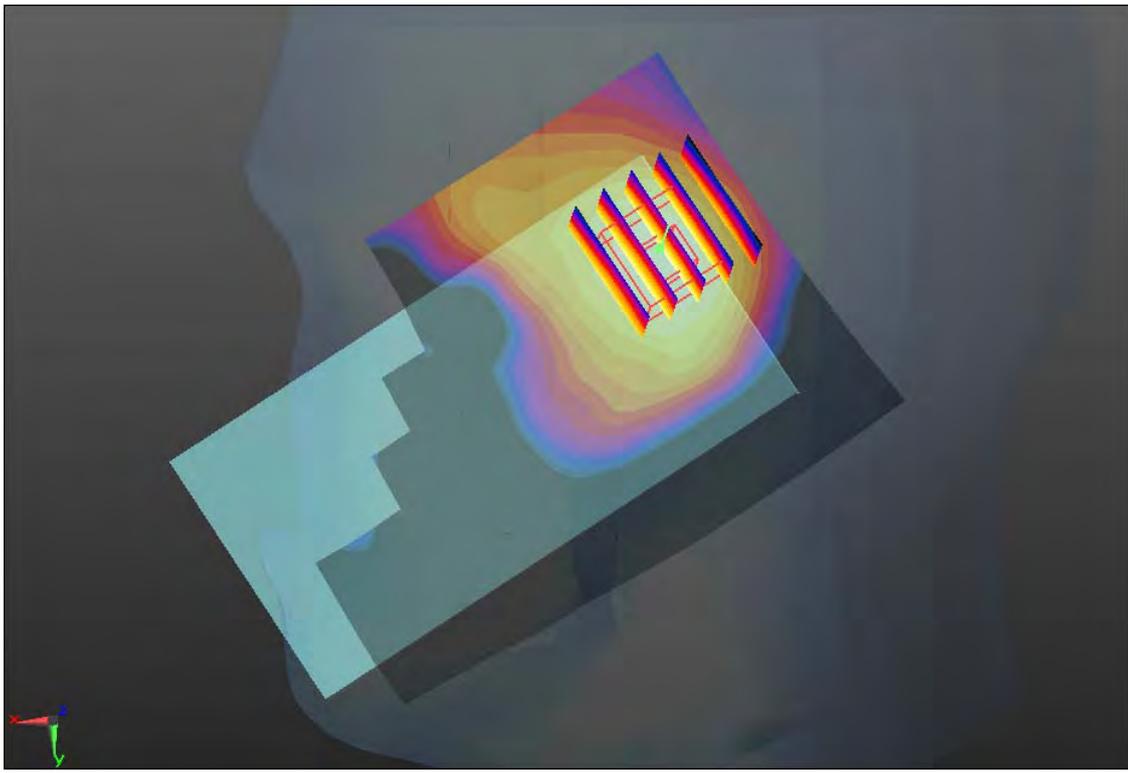
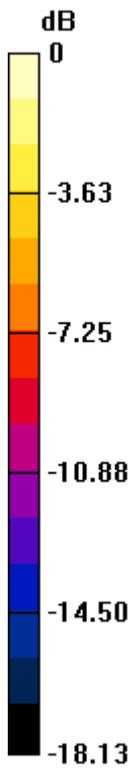
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.247 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.457 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.296 mW/g



0 dB = 0.300mW/g

#15 LTE Band 25_QPSK(25 13)_10M_Left Cheek_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.593 mW/g

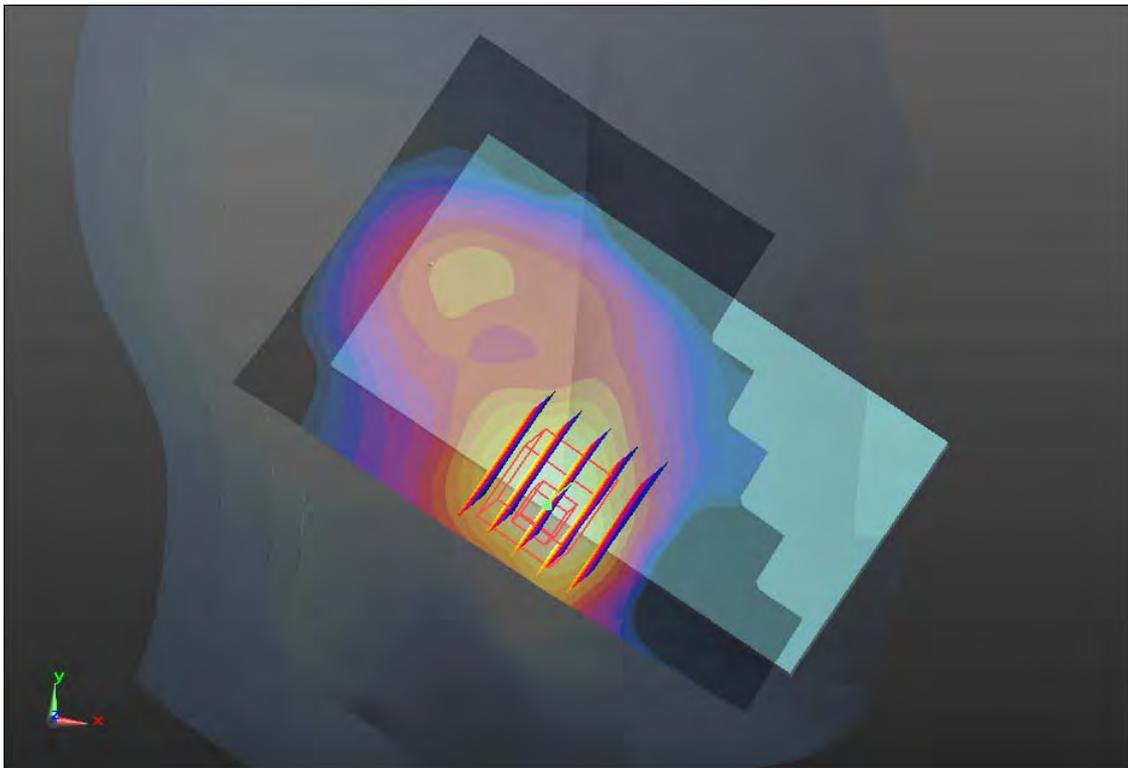
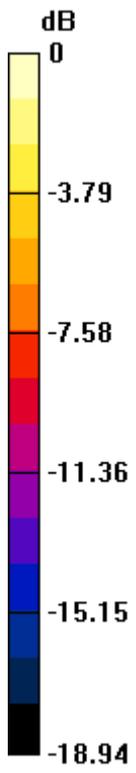
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.486 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.113 W/kg

SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.272 mW/g

Maximum value of SAR (measured) = 0.597 mW/g



0 dB = 0.600mW/g

#15 LTE Band 25_QPSK(25 13)_10M_Left Cheek_Ch26365_2D

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.593 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

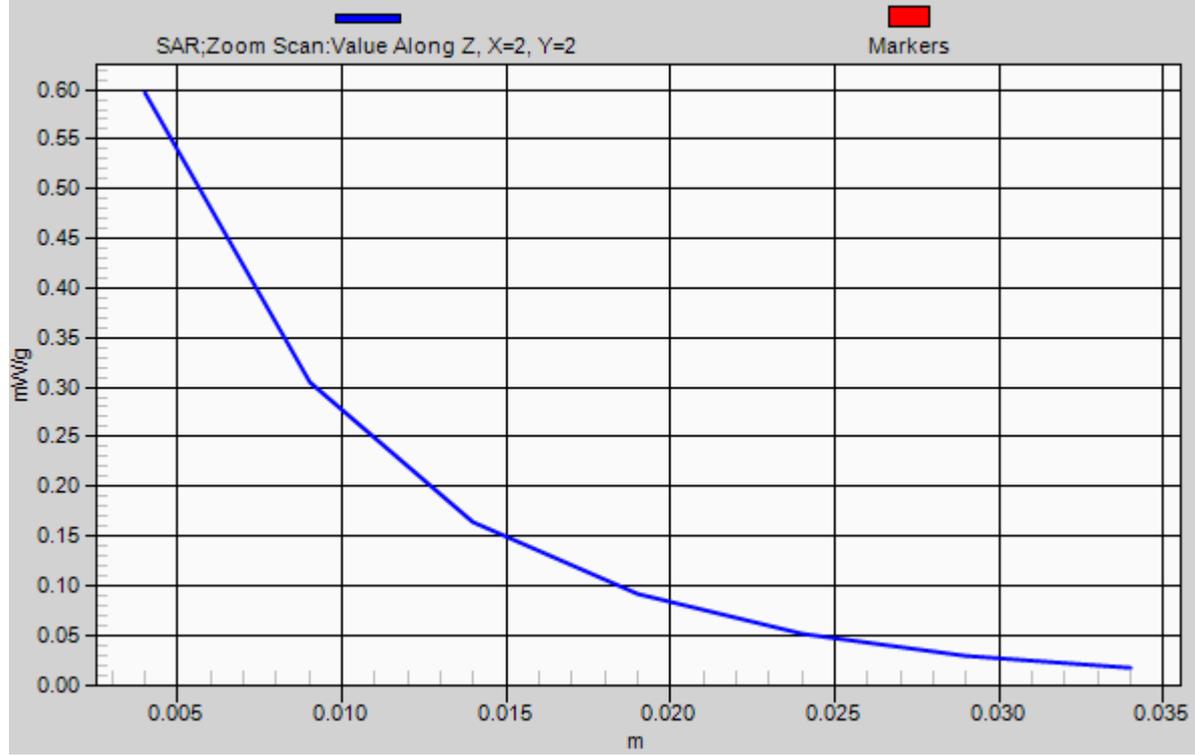
Reference Value = 9.486 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.113 W/kg

SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.272 mW/g

Maximum value of SAR (measured) = 0.597 mW/g

1g/10g Averaged SAR



#19 LTE Band 25_QPSK(1 0)_10M_Left Cheek_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

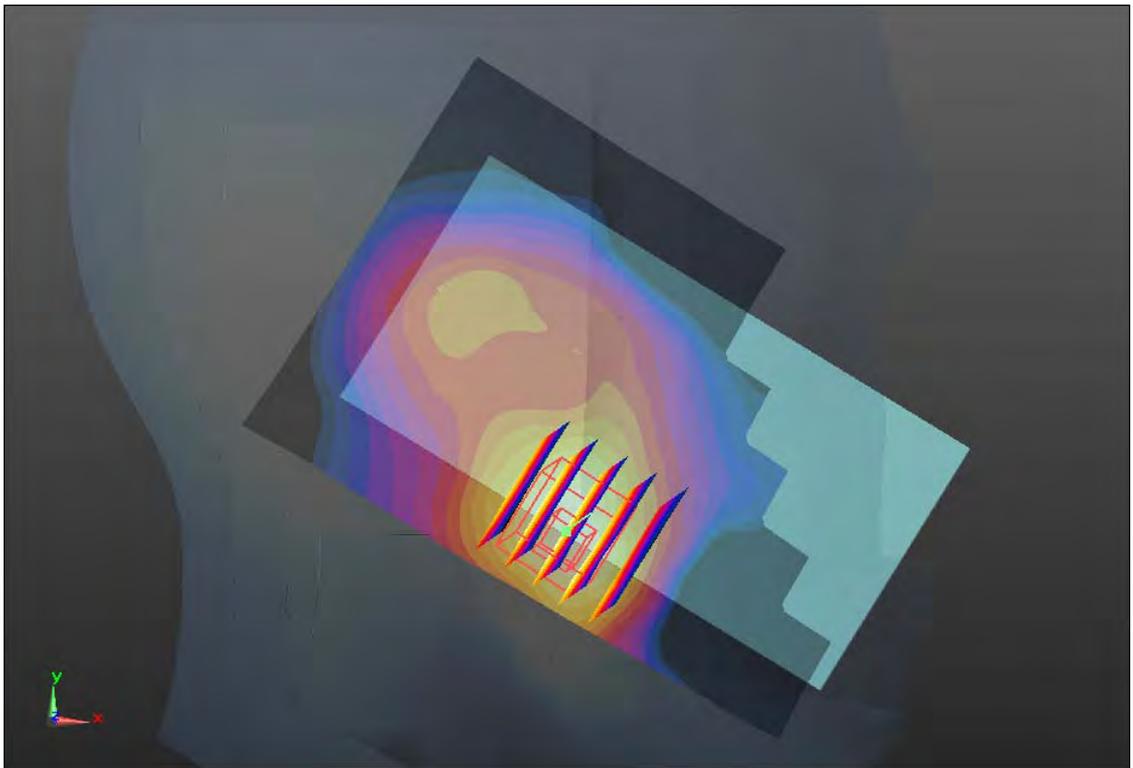
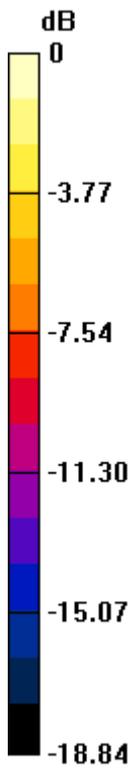
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.738 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.413 W/kg

SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.348 mW/g

Maximum value of SAR (measured) = 0.741 mW/g



0 dB = 0.740mW/g

#19 LTE Band 25_QPSK(1 0)_10M_Left Cheek_Ch26365_2D

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

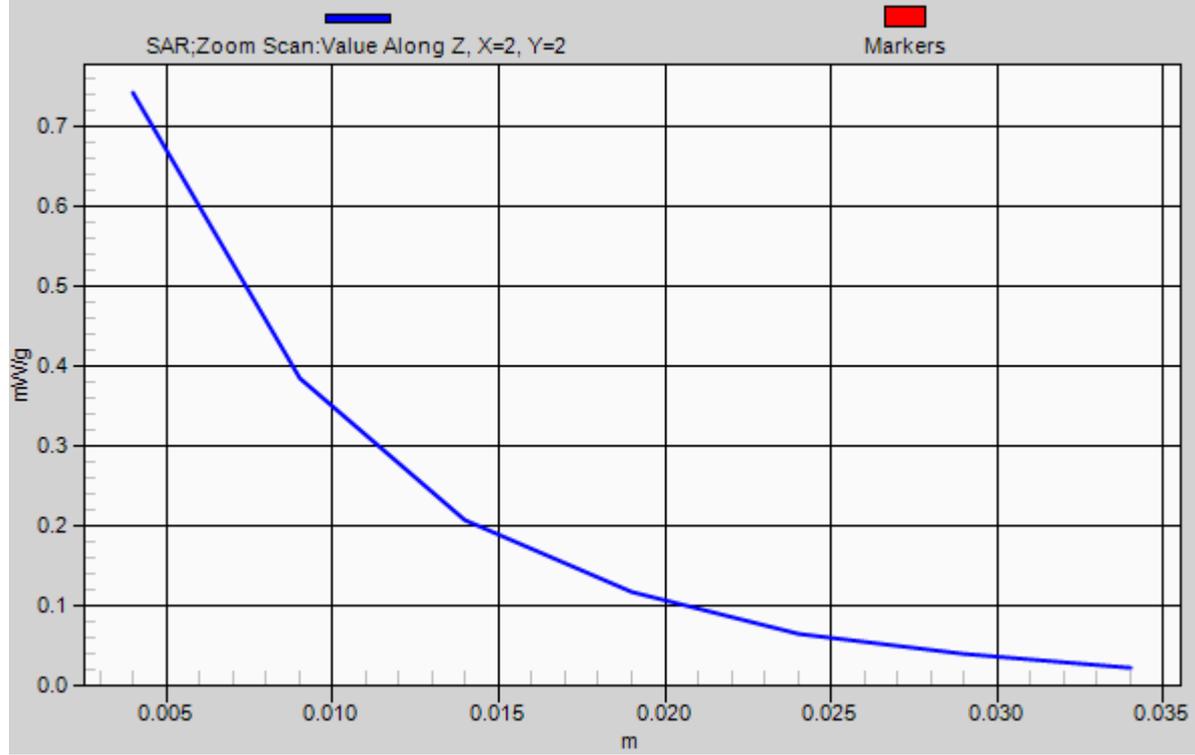
Reference Value = 10.738 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.413 W/kg

SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.348 mW/g

Maximum value of SAR (measured) = 0.741 mW/g

1g/10g Averaged SAR



#23 LTE Band 25_QPSK(1 49)_10M_Left Cheek_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.809 mW/g

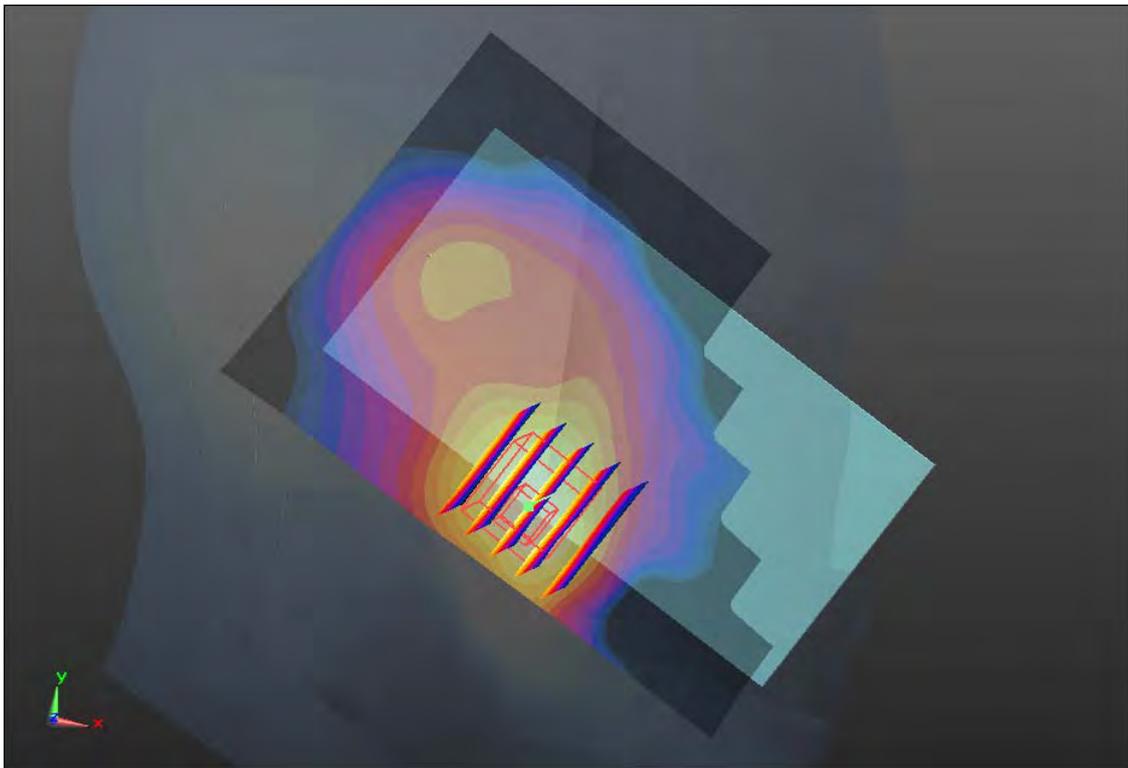
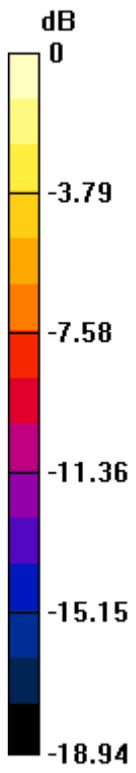
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.748 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.531 W/kg

SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.370 mW/g

Maximum value of SAR (measured) = 0.804 mW/g



0 dB = 0.800mW/g

#23 LTE Band 25_QPSK(1 49)_10M_Left Cheek_Ch26365_2D

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.809 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

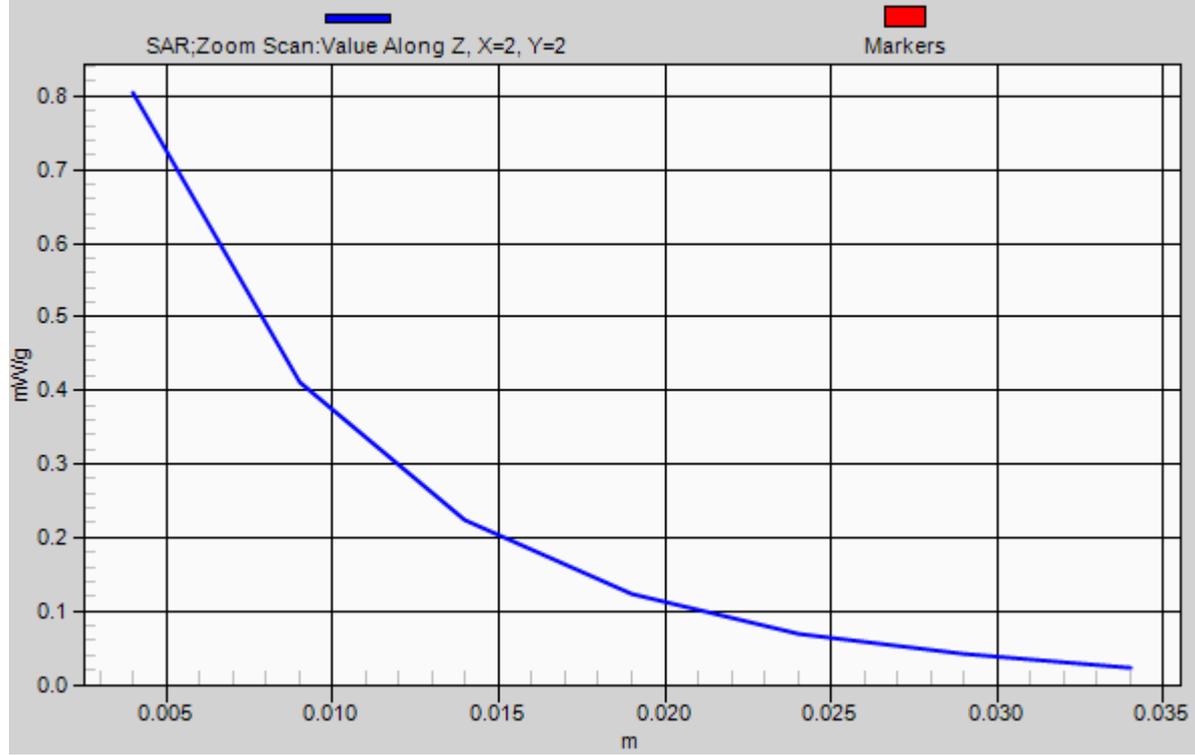
Reference Value = 10.748 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.531 W/kg

SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.370 mW/g

Maximum value of SAR (measured) = 0.804 mW/g

1g/10g Averaged SAR



#125 LTE Band 25_QPSK(1 49)_10M_Left Cheek_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120901 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

41.183; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Configuration/Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

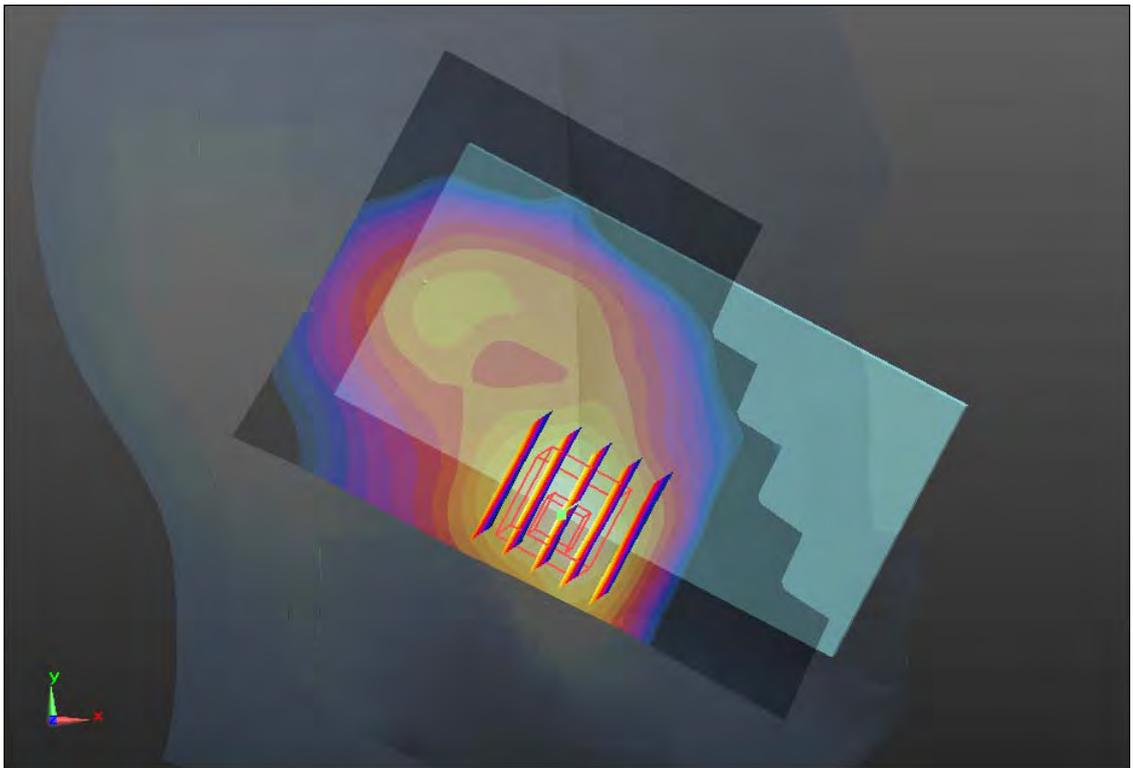
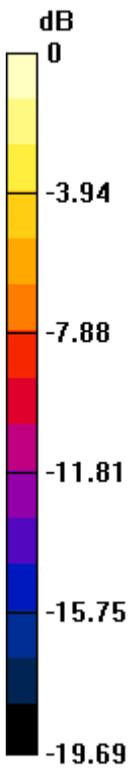
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.437 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.701 W/kg

SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.387 mW/g



0 dB = 0.390mW/g

#27 LTE Band 25_16QAM(25 13)_10M_Left Cheek_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.465 mW/g

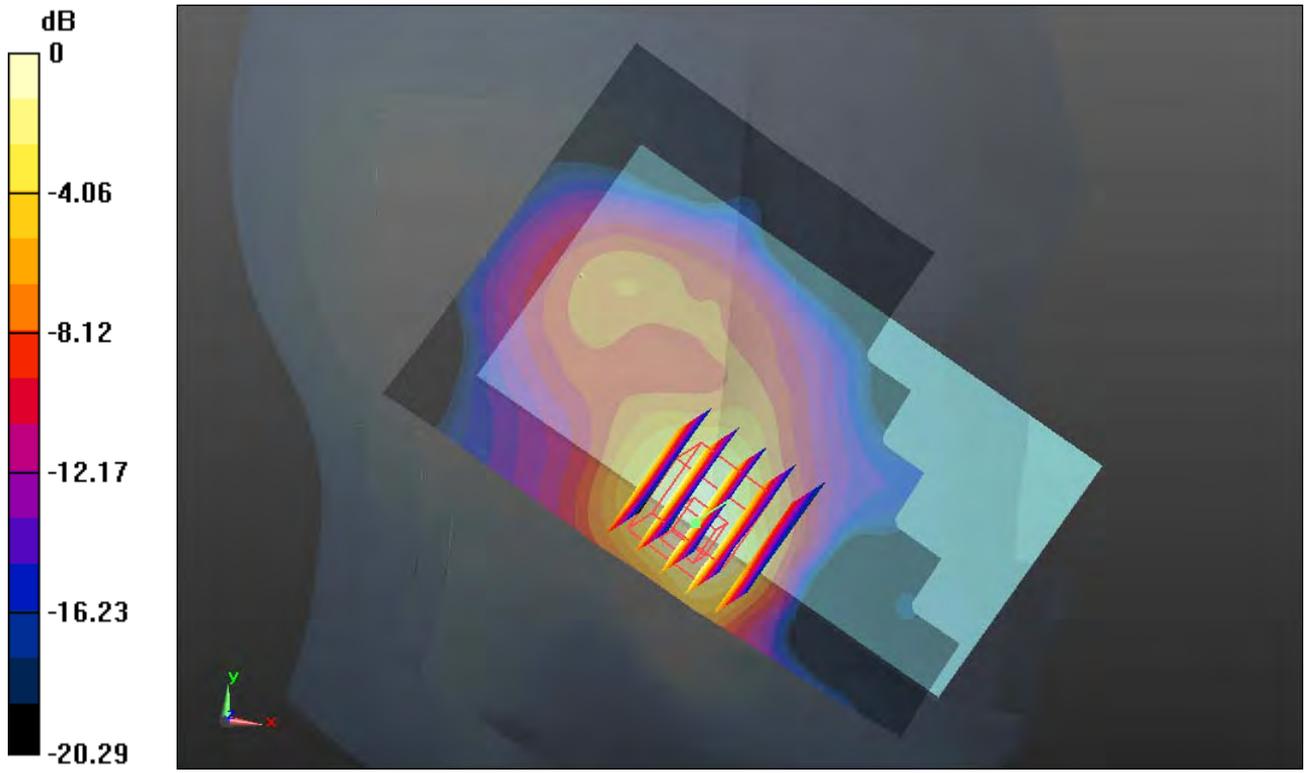
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.315 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.845 W/kg

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.211 mW/g

Maximum value of SAR (measured) = 0.460 mW/g



0 dB = 0.460mW/g

#27 LTE Band 25_16QAM(25 13)_10M_Left Cheek_Ch26365_2D

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.465 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

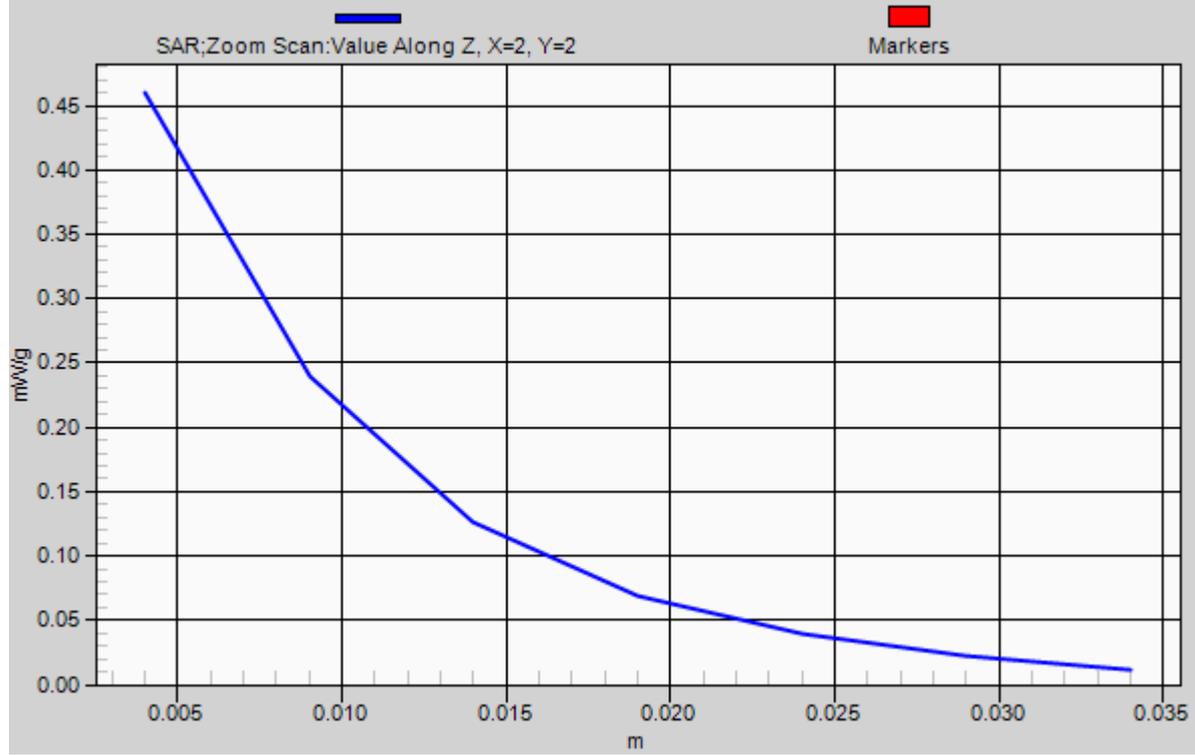
Reference Value = 8.315 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.845 W/kg

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.211 mW/g

Maximum value of SAR (measured) = 0.460 mW/g

1g/10g Averaged SAR



#31 LTE Band 25_16QAM(1 0)_10M_Left Cheek_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

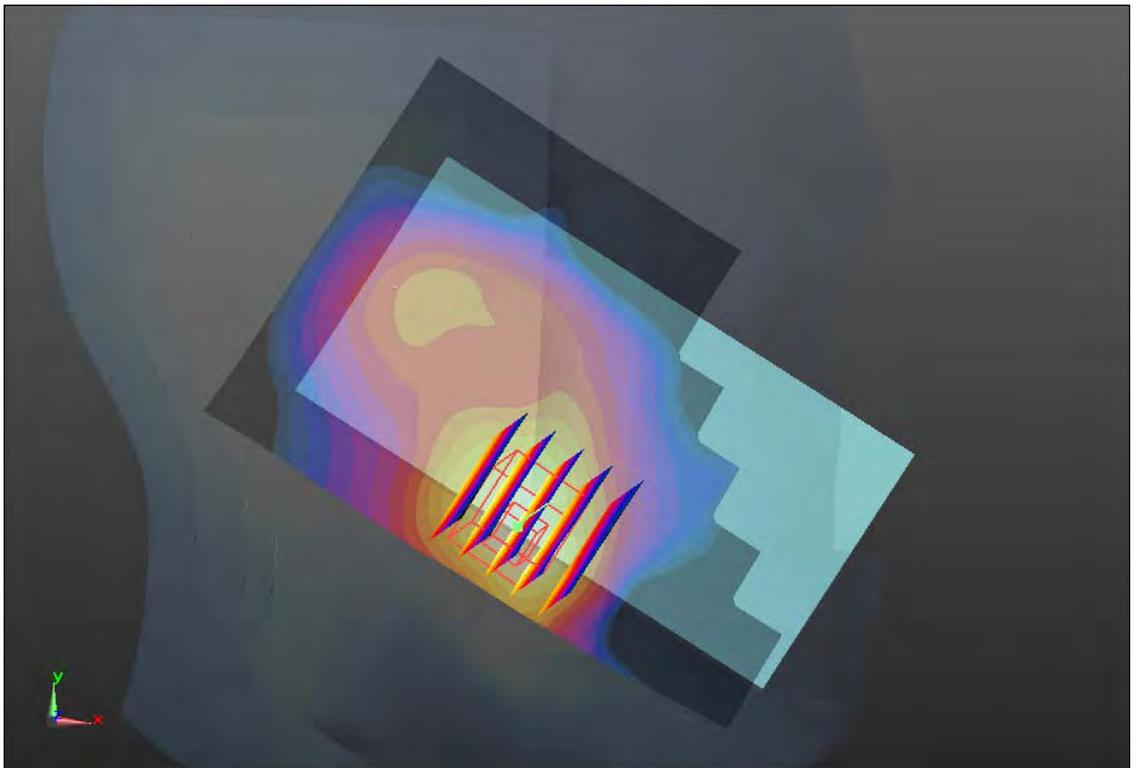
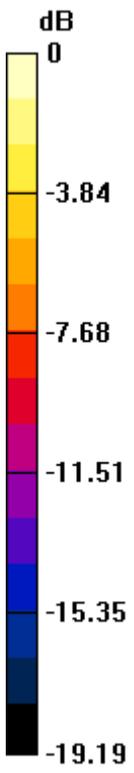
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.582 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.171 W/kg

SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 0.615 mW/g



0 dB = 0.620mW/g

#31 LTE Band 25_16QAM(1 0)_10M_Left Cheek_Ch26365_2D

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

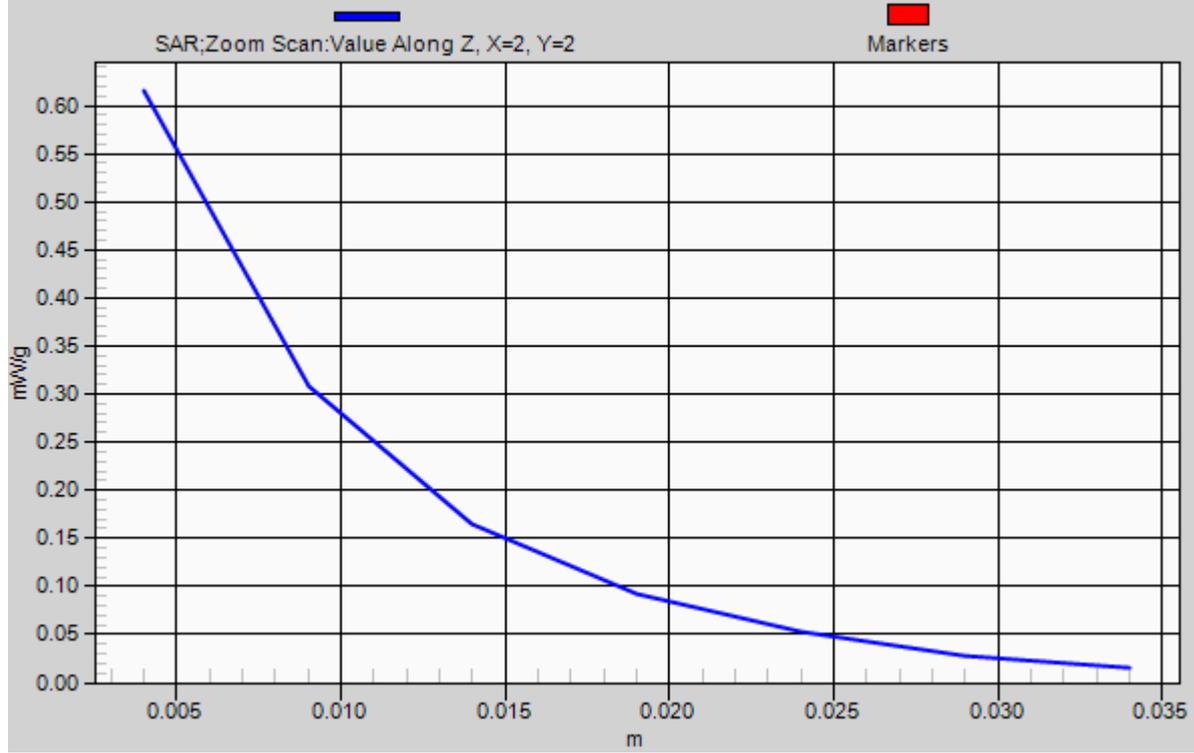
Reference Value = 9.582 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.171 W/kg

SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 0.615 mW/g

1g/10g Averaged SAR



#35 LTE Band 25_16QAM(1 49)_10M_Left Cheek_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.668 mW/g

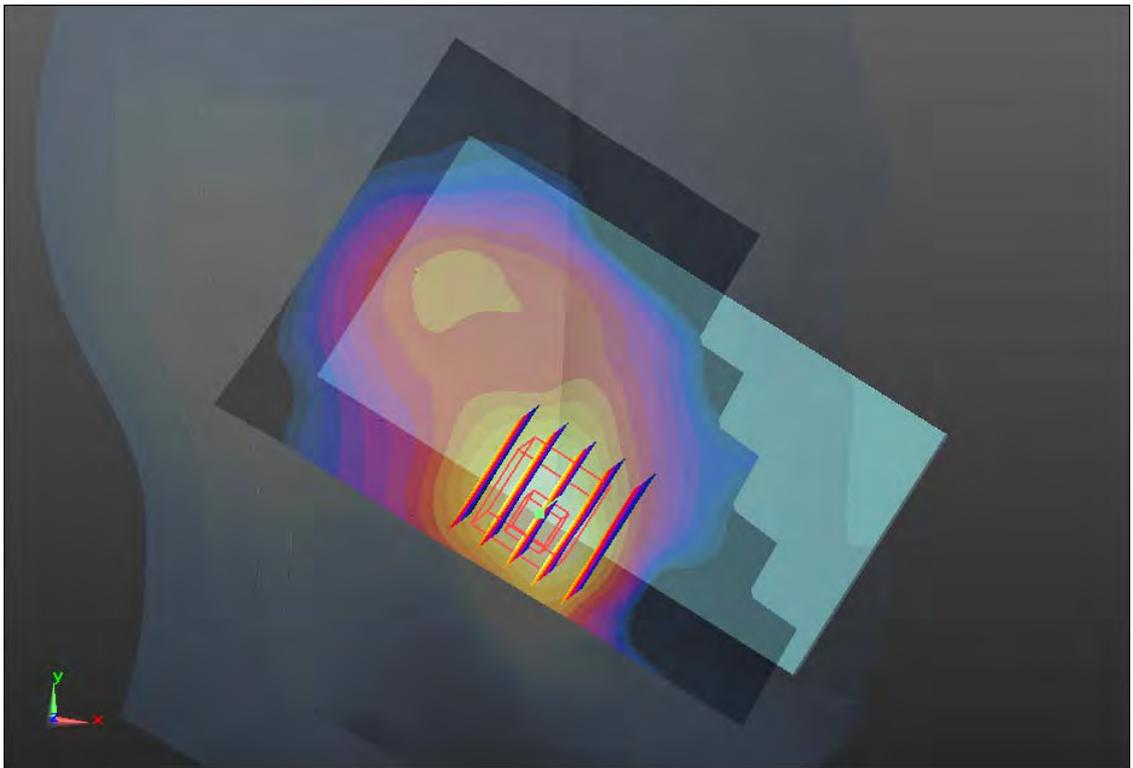
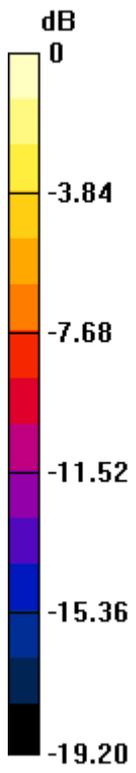
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.088 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.202 W/kg

SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.651 mW/g



0 dB = 0.650mW/g

#35 LTE Band 25_16QAM(1 49)_10M_Left Cheek_Ch26365_2D

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.668 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

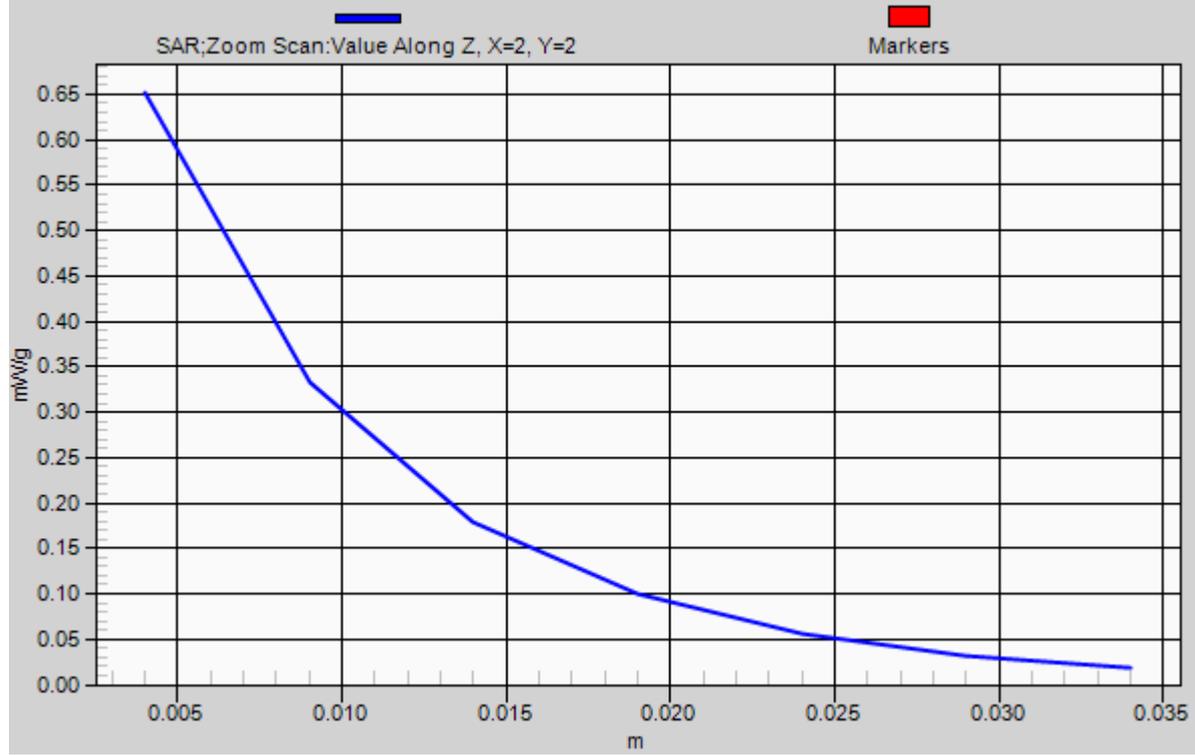
Reference Value = 10.088 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.202 W/kg

SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.651 mW/g

1g/10g Averaged SAR



#16 LTE Band 25_QPSK(25 13)_10M_Left Tilted_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.262 mW/g

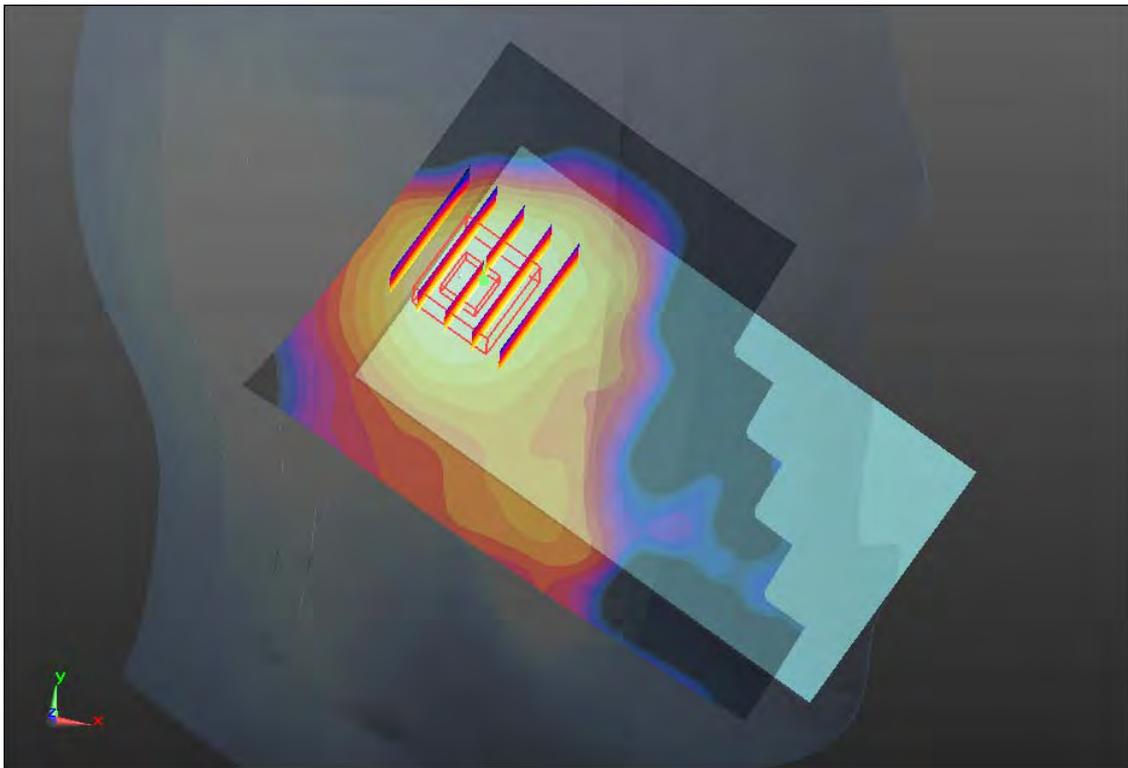
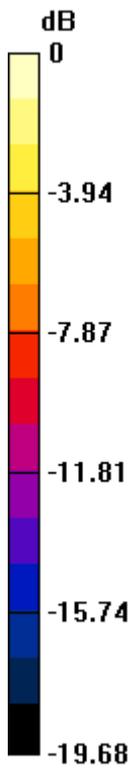
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.837 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.260 mW/g



0 dB = 0.260mW/g

#20 LTE Band 25_QPSK(1 0)_10M_Left Tilted_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.343 mW/g

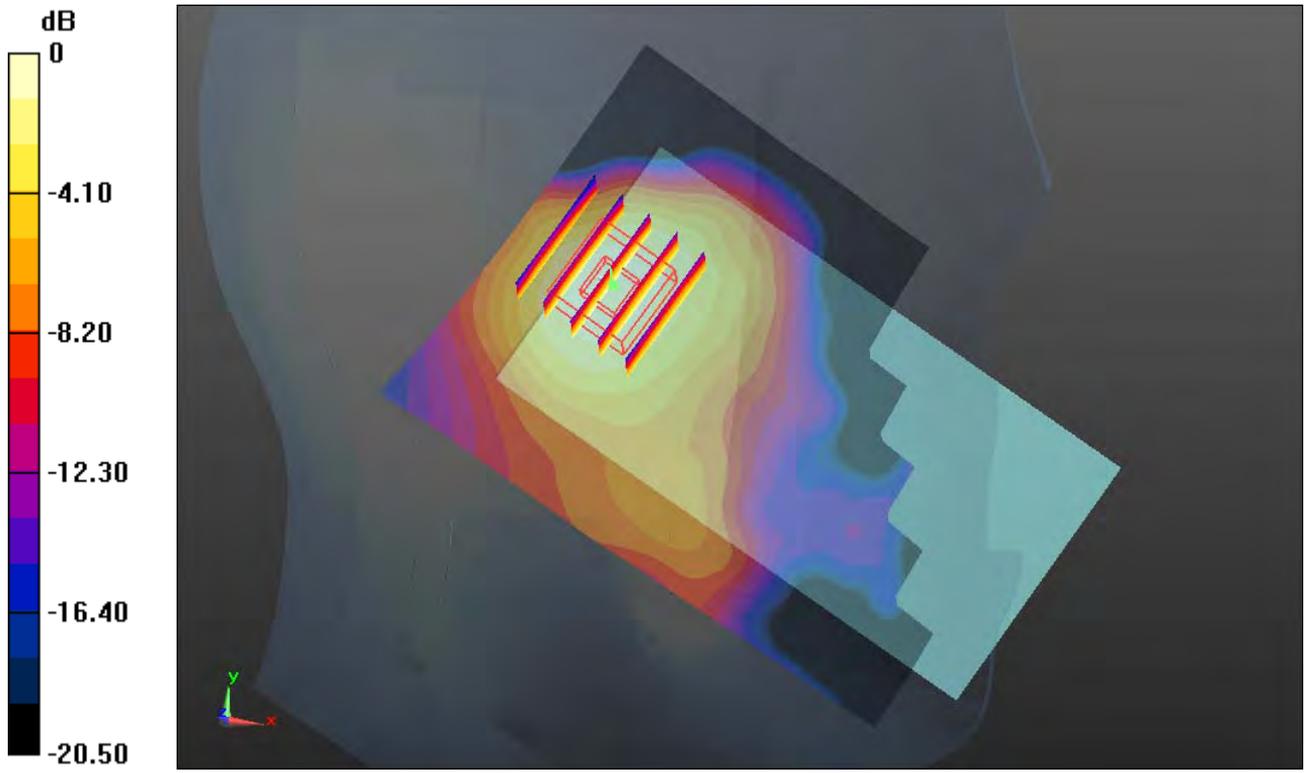
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.799 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.348 mW/g



#24 LTE Band 25_QPSK(1 49)_10M_Left Tilted_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

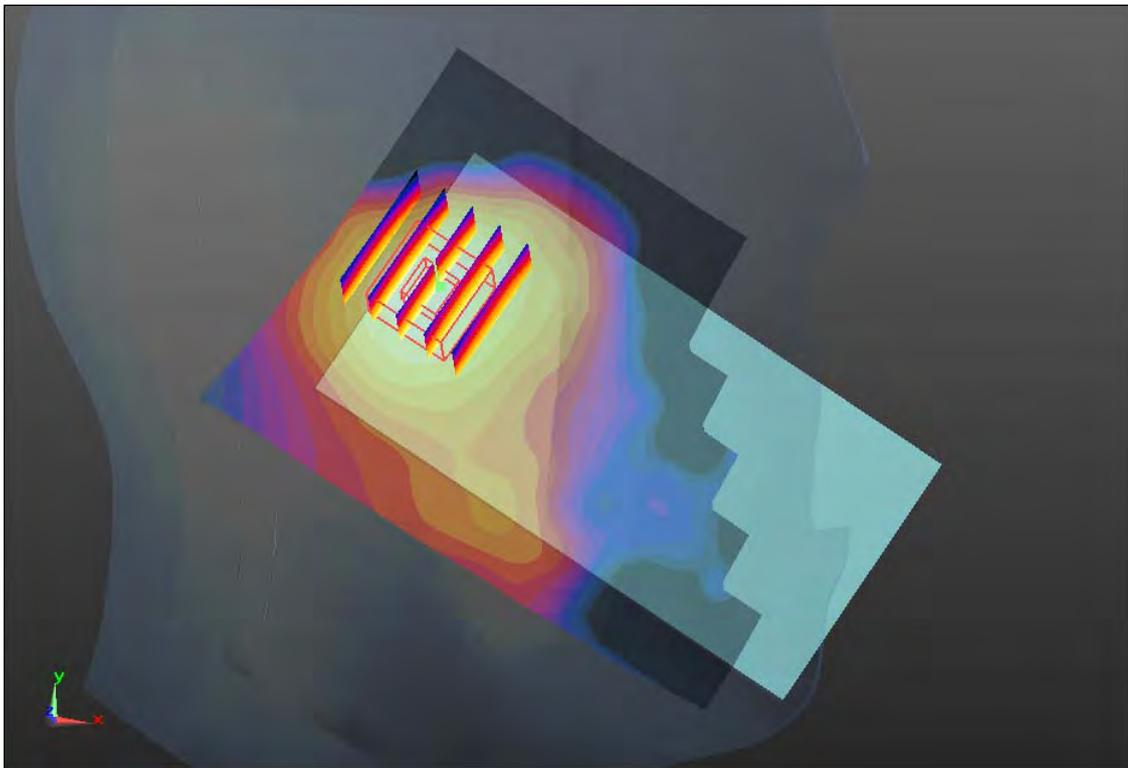
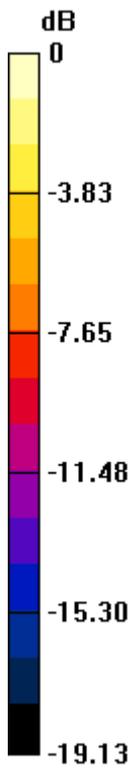
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.054 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.554 W/kg

SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.190 mW/g

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



0 dB = 0.380mW/g

#28 LTE Band 25_16QAM(25 13)_10M_Left Tilted_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.201 mW/g

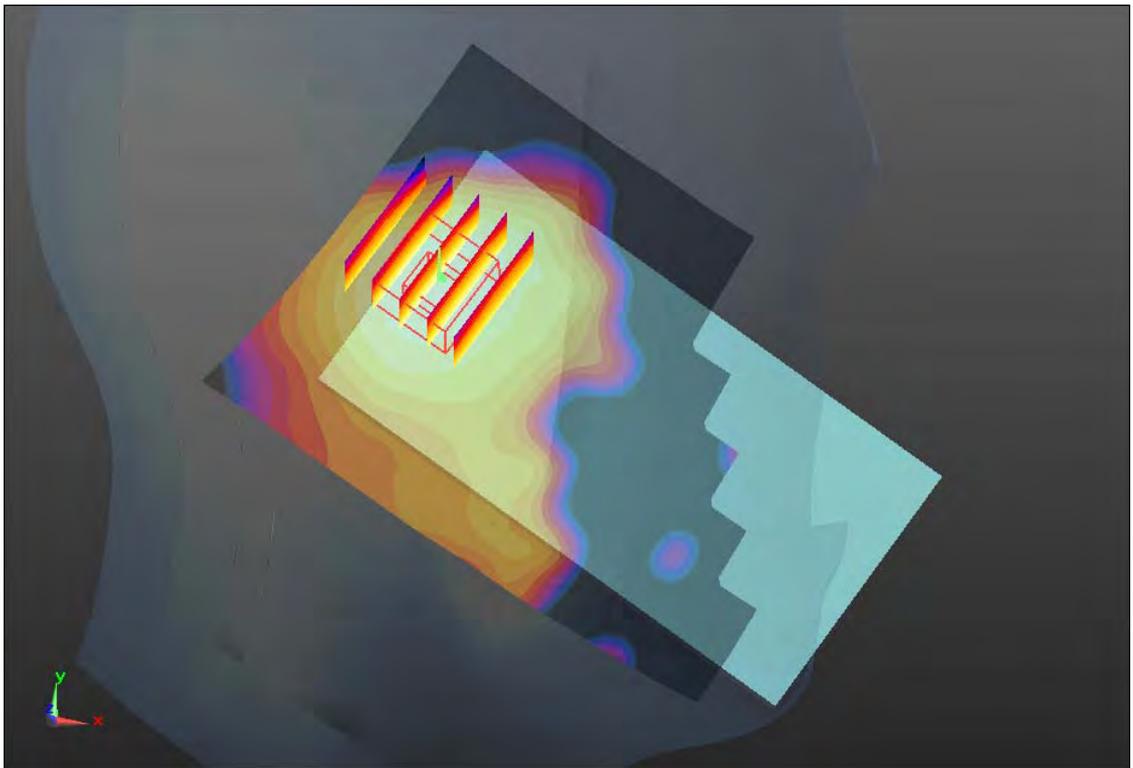
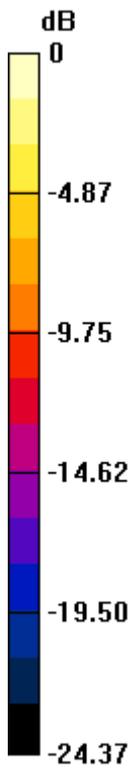
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.223 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.299 W/kg

SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.107 mW/g

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



0 dB = 0.200mW/g

#32 LTE Band 25_16QAM(1 0)_10M_Left Tilted_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

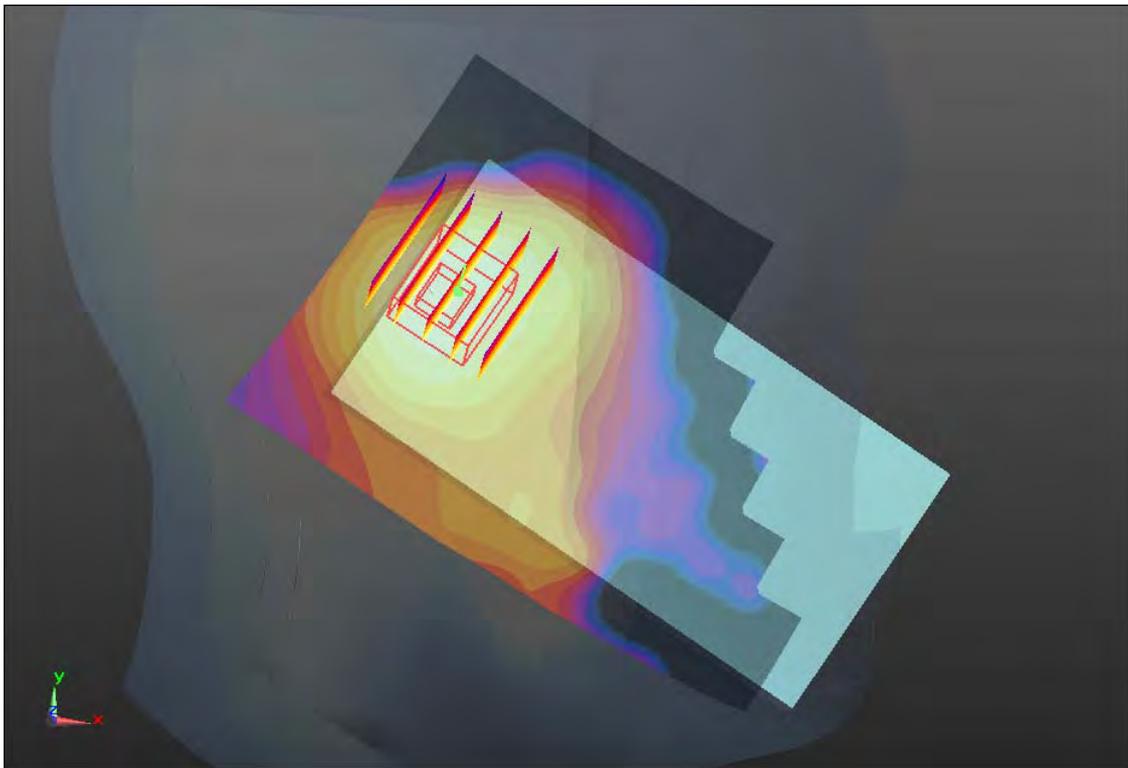
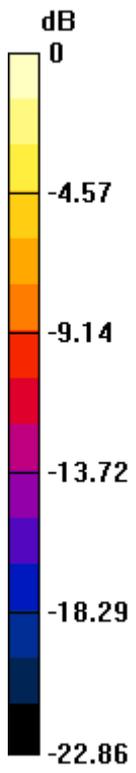
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.385 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.143 mW/g

Maximum value of SAR (measured) = 0.274 mW/g



0 dB = 0.270mW/g

#36 LTE Band 25_16QAM(1 49)_10M_Left Tilted_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120830 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.307 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.322 mW/g

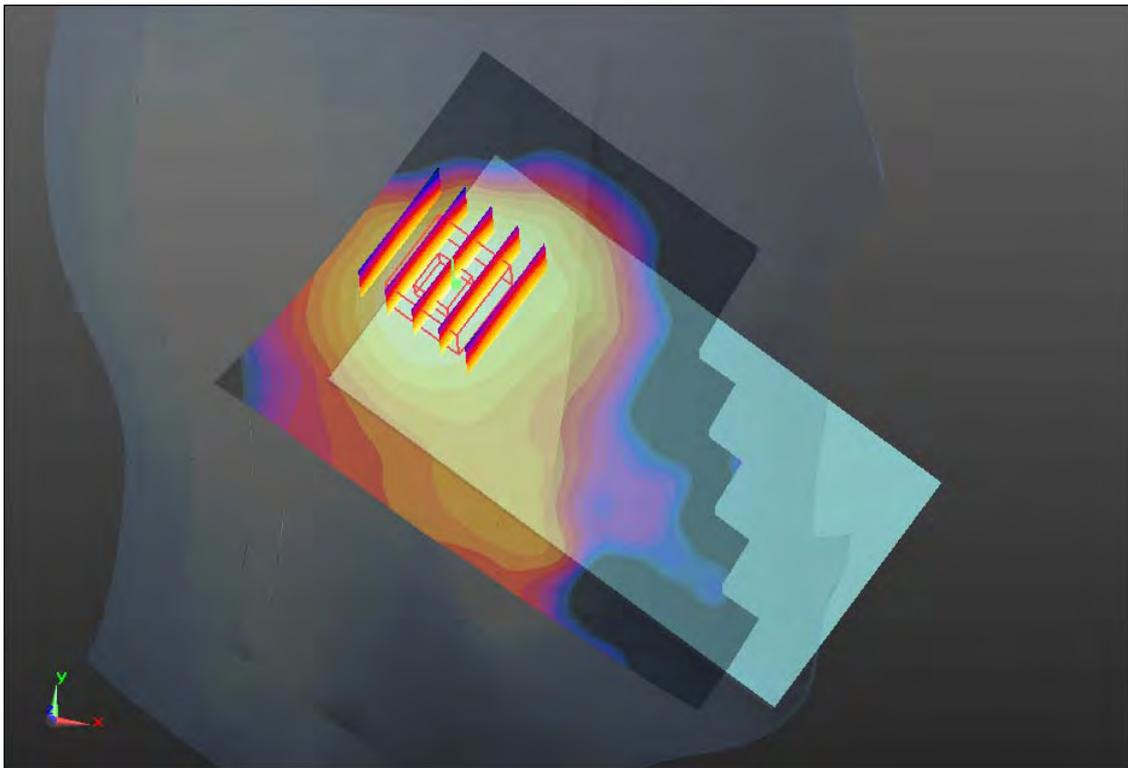
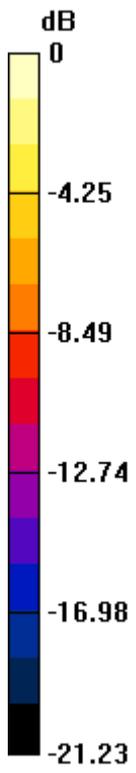
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.211 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.489 W/kg

SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.321 mW/g



0 dB = 0.320mW/g

#37 802.11b_Right Cheek_1M_Ch11

DUT: 270201

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

Medium: HSL_2450_120831 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.833$ mho/m; $\epsilon_r =$

39.712 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.138 mW/g

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

Reference Value = 5.155 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.213 W/kg

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.116 mW/g

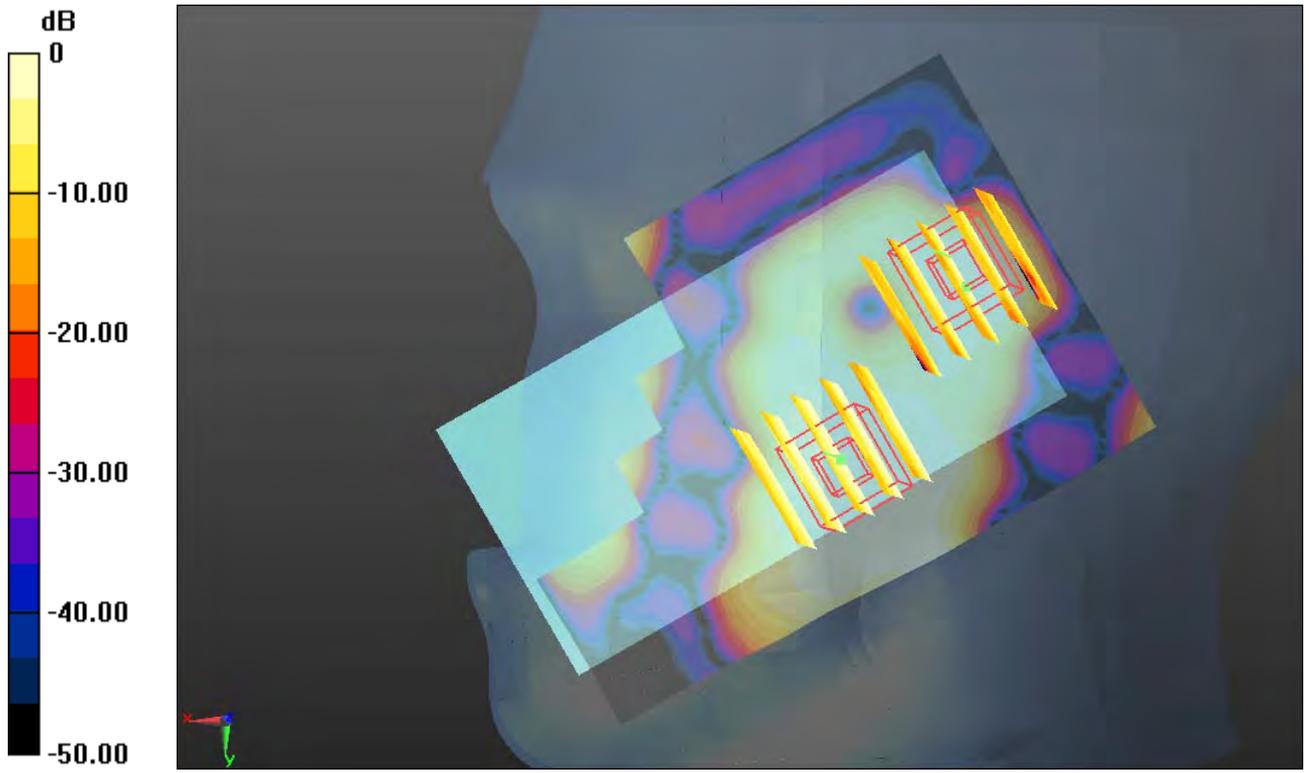
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.155 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.078 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.054 mW/g



0 dB = 0.050mW/g

#38 802.11b_Right Tilted_1M_Ch11

DUT: 270201

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

Medium: HSL_2450_120831 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.833$ mho/m; $\epsilon_r =$

39.712 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.067 mW/g

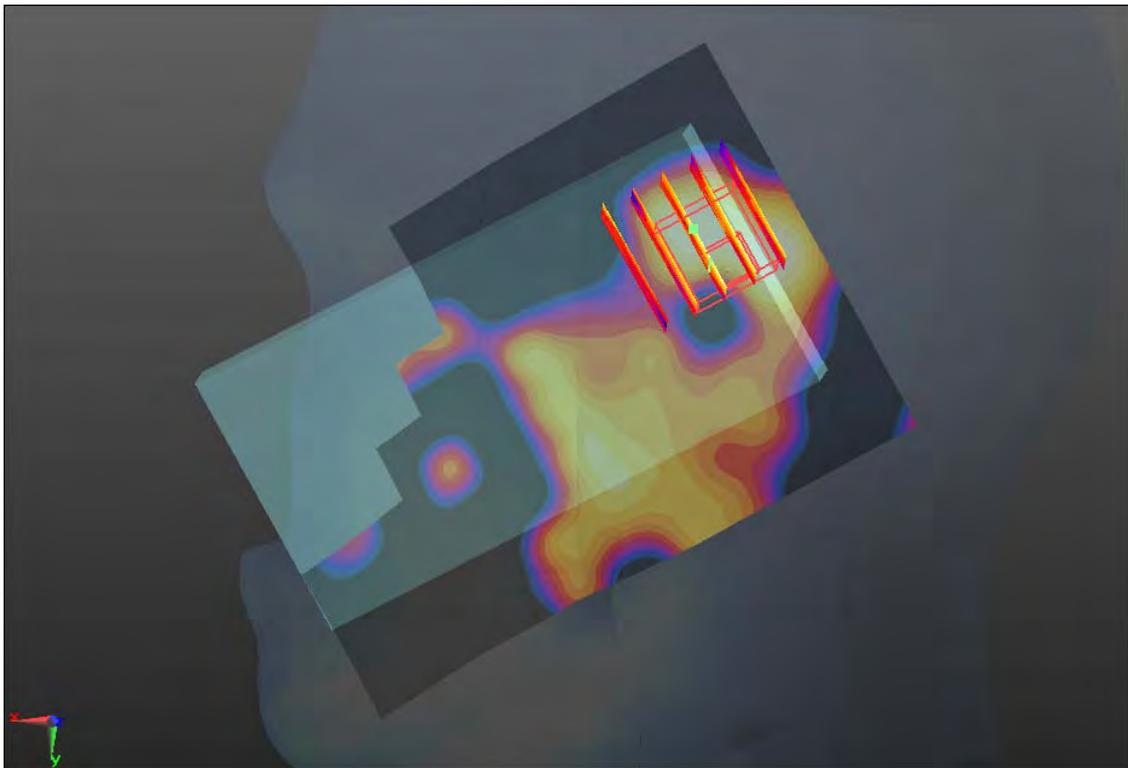
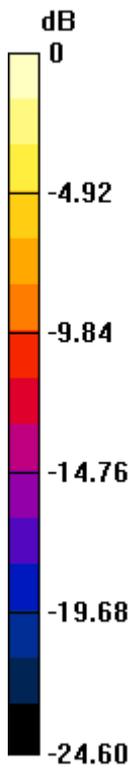
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.906 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.076 W/kg

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.046 mW/g



0 dB = 0.050mW/g

#39 802.11b_Left Cheek_1M_Ch11

DUT: 270201

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

Medium: HSL_2450_120831 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.833$ mho/m; $\epsilon_r =$

39.712; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.171 mW/g

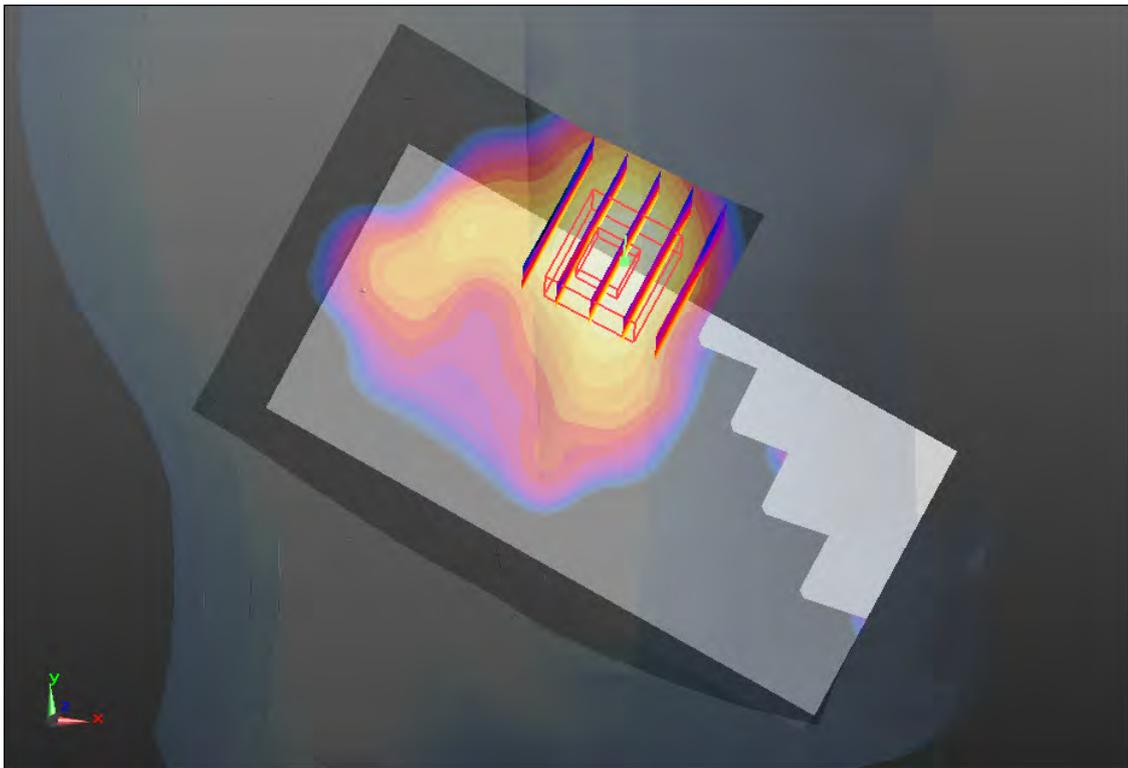
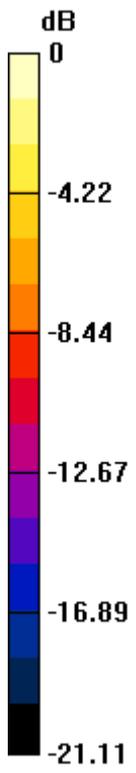
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.913 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.152 mW/g



0 dB = 0.150mW/g

#39 802.11b_Left Cheek_1M_Ch11_2D

DUT: 270201

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

Medium: HSL_2450_120831 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.833$ mho/m; $\epsilon_r =$

39.712 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.171 mW/g

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

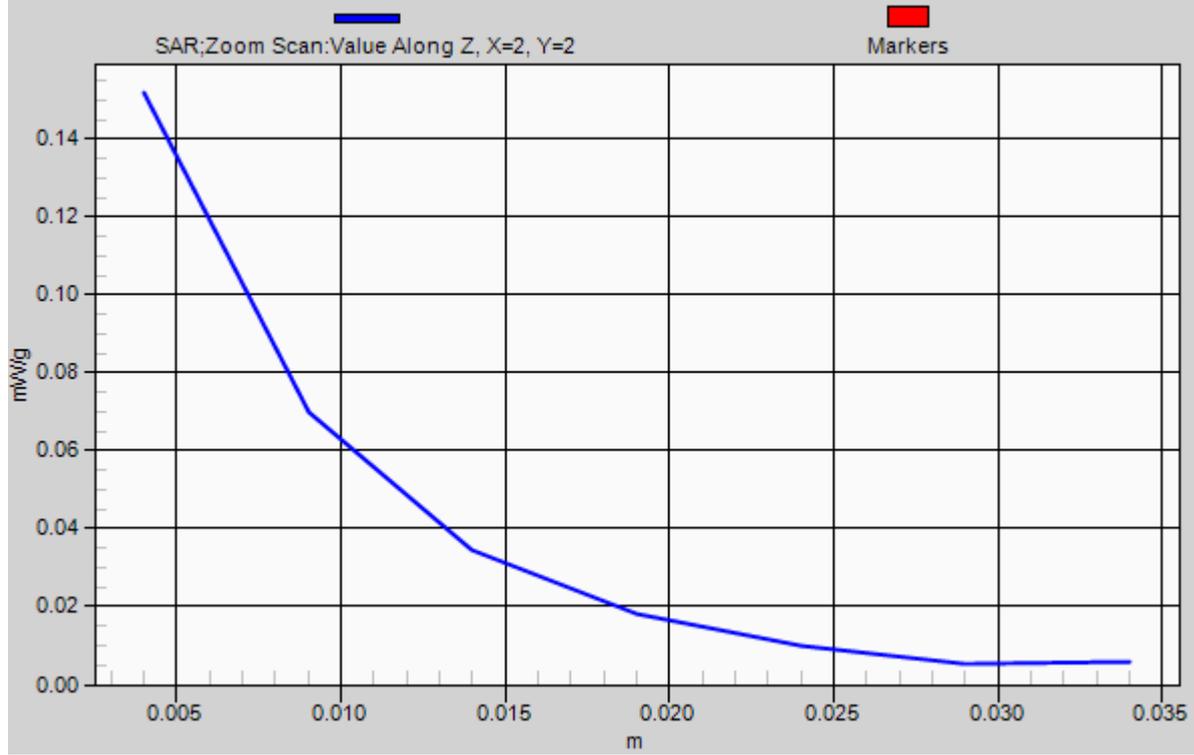
Reference Value = 3.913 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.152 mW/g

1g/10g Averaged SAR



#40 802.11b_Left Tilted_1M_Ch11

DUT: 270201

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

Medium: HSL_2450_120831 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.833$ mho/m; $\epsilon_r =$

39.712 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.118 mW/g

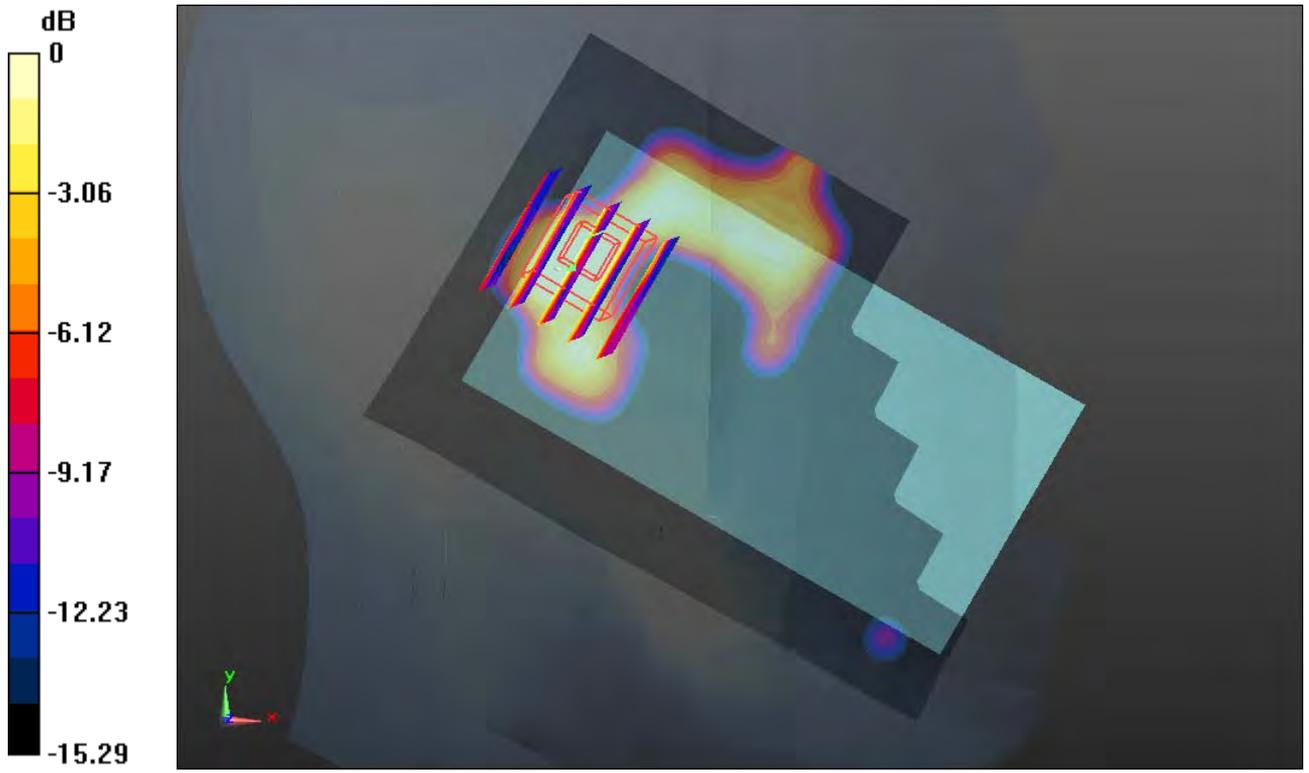
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.320 V/m; Power Drift = -0.0098 dB

Peak SAR (extrapolated) = 0.097 W/kg

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.053 mW/g



0 dB = 0.050mW/g

#47 CDMA2000 BC0_RTAP153.6_Front_1cm_Ch777

DUT: 270201

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

Medium: MSL_835_120825 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r =$

54.284 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.344 mW/g

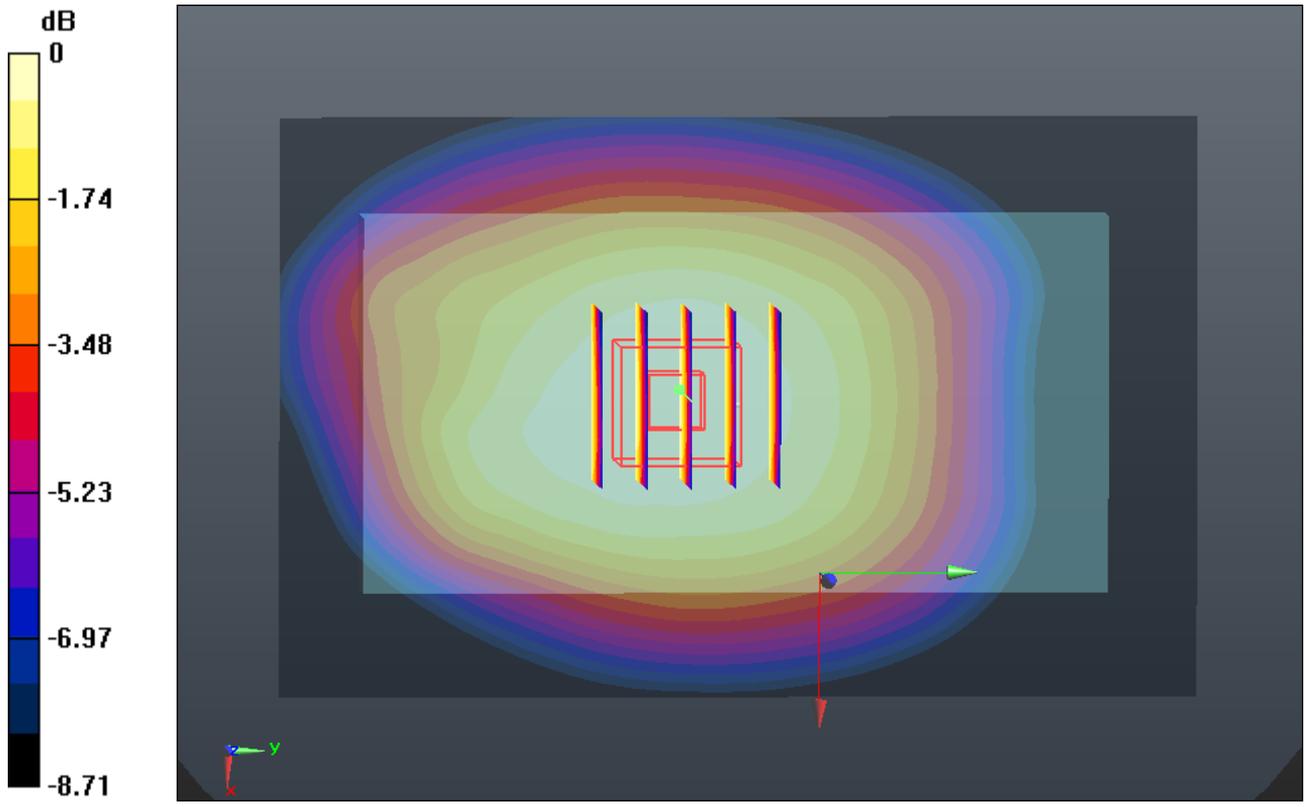
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.717 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.258 mW/g

Maximum value of SAR (measured) = 0.353 mW/g



0 dB = 0.350mW/g

#48 CDMA2000 BC0_RTAP153.6_Back_1cm_Ch777

DUT: 270201

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

Medium: MSL_835_120825 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r =$

54.284; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.473 mW/g

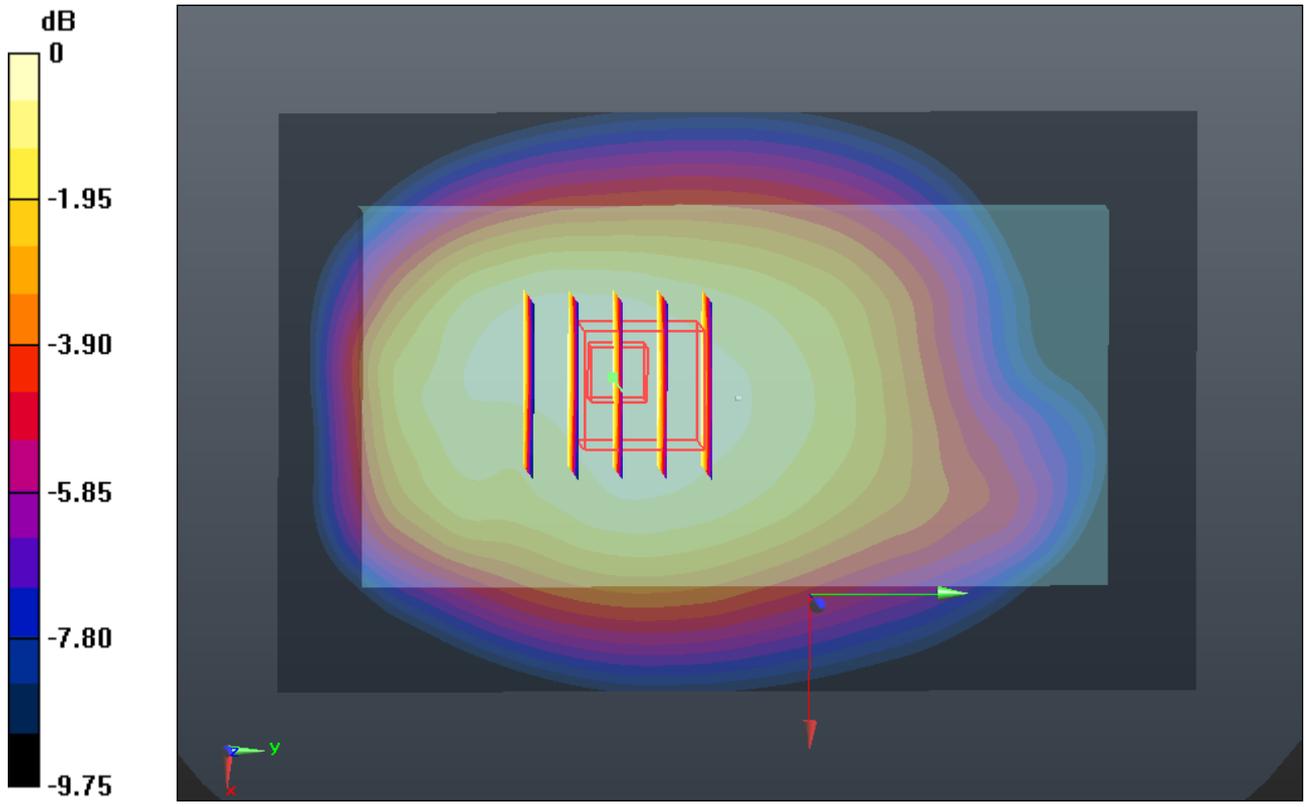
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.767 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.552 W/kg

SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.339 mW/g

Maximum value of SAR (measured) = 0.470 mW/g



0 dB = 0.470mW/g

#48 CDMA2000 BC0_RTAP153.6_Back_1cm_Ch777_2D

DUT: 270201

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

Medium: MSL_835_120825 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r =$

54.284 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.473 mW/g

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

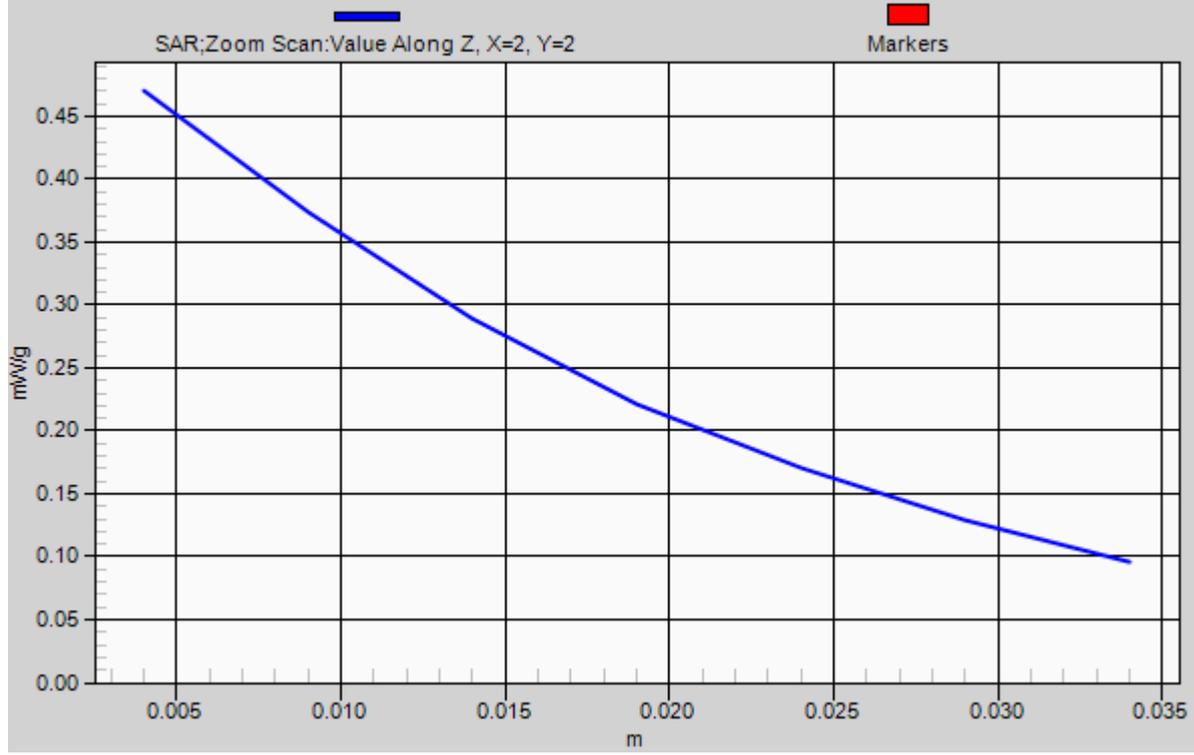
Reference Value = 20.767 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.552 W/kg

SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.339 mW/g

Maximum value of SAR (measured) = 0.470 mW/g

1g/10g Averaged SAR



#49 CDMA2000 BC0_RTAP153.6_Left Side_1cm_Ch777

DUT: 270201

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

Medium: MSL_835_120825 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r =$

54.284 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.345 mW/g

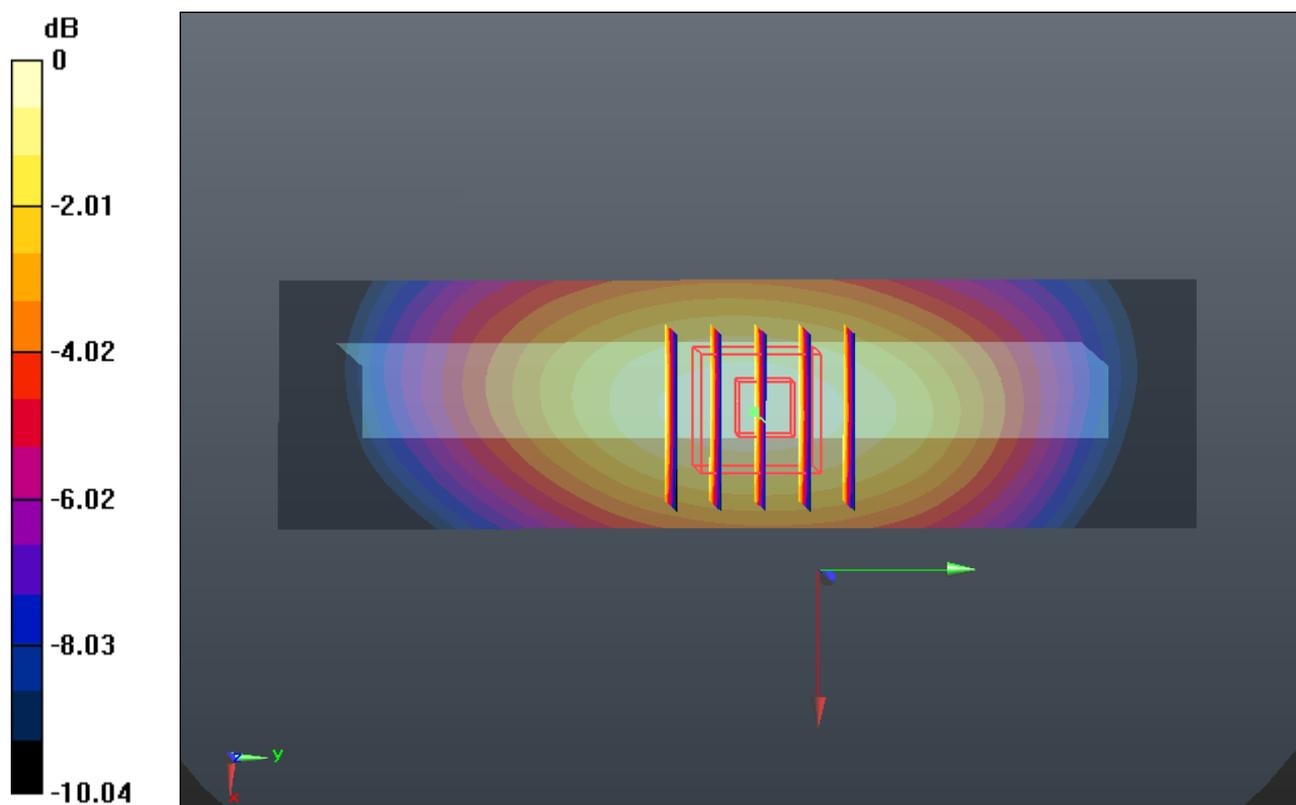
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.169 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.470 W/kg

SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 0.359 mW/g



0 dB = 0.360mW/g

#50 CDMA2000 BC0_RTAP153.6_Right Side_1cm_Ch777

DUT: 270201

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

Medium: MSL_835_120825 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r =$

54.284 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.373 mW/g

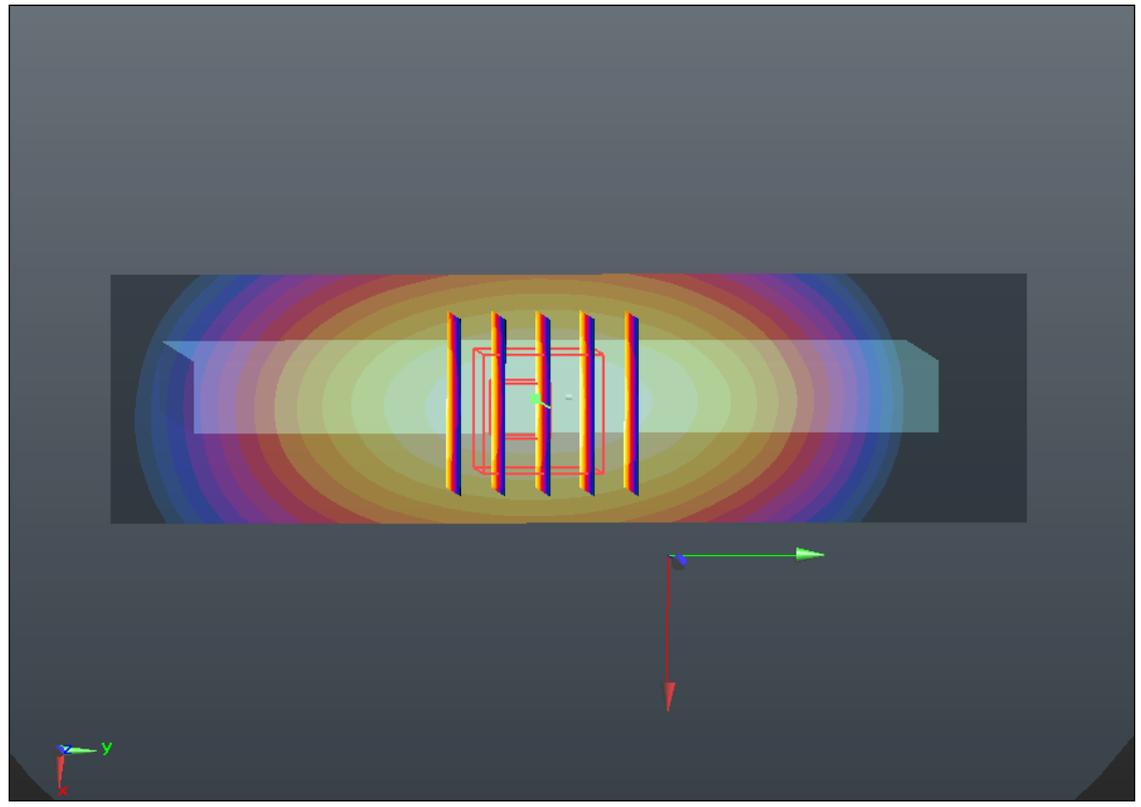
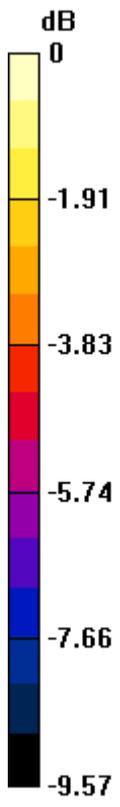
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.860 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.251 mW/g

Maximum value of SAR (measured) = 0.383 mW/g



0 dB = 0.380mW/g

#51 CDMA2000 BC0_RTAP153.6_Bottom Side_1cm_Ch777

DUT: 270201

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

Medium: MSL_835_120825 Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.989 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (31x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.093 mW/g

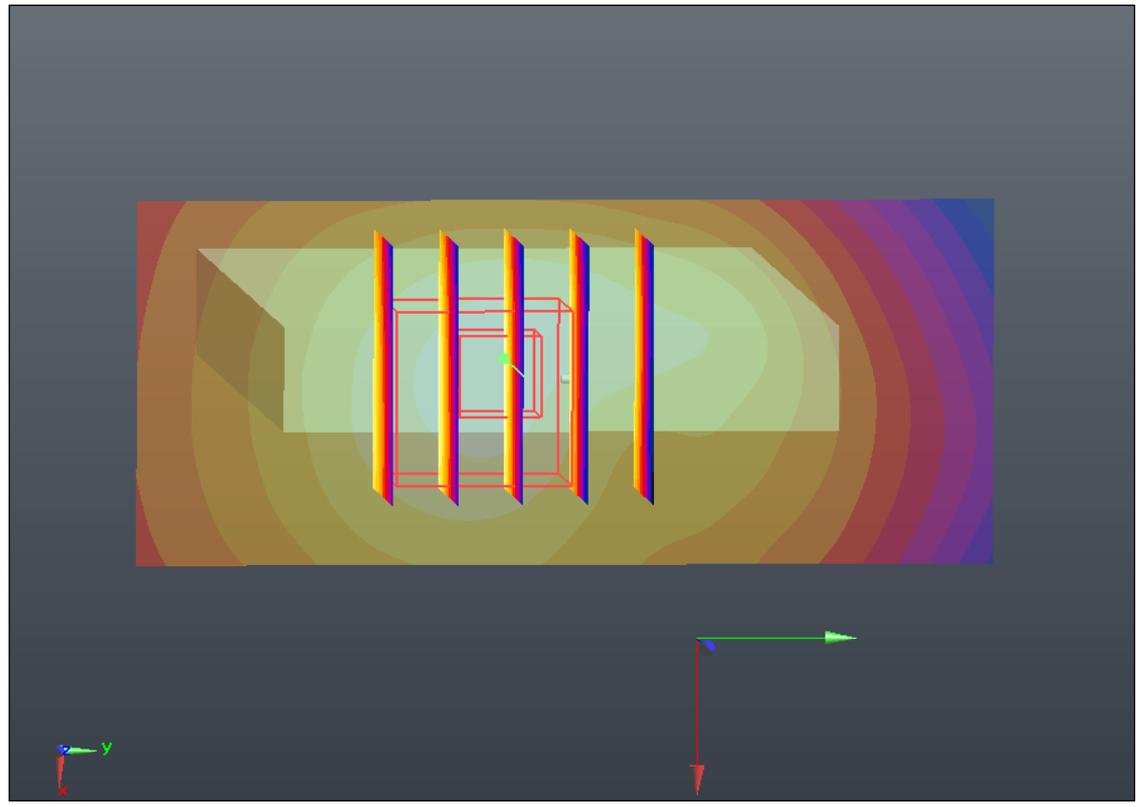
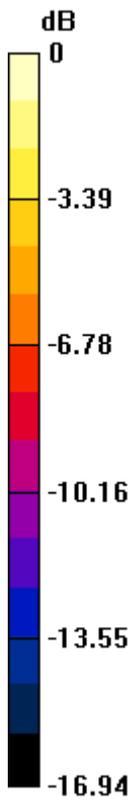
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.304 V/m ; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.090 mW/g ; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.102 mW/g



0 dB = 0.100mW/g

#116 CDMA2000 BC1_RTAP153.6_Front_1cm_Ch25

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r =$

52.574 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.707 mW/g

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

Reference Value = 9.015 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.159 W/kg

SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.375 mW/g

Maximum value of SAR (measured) = 0.742 mW/g

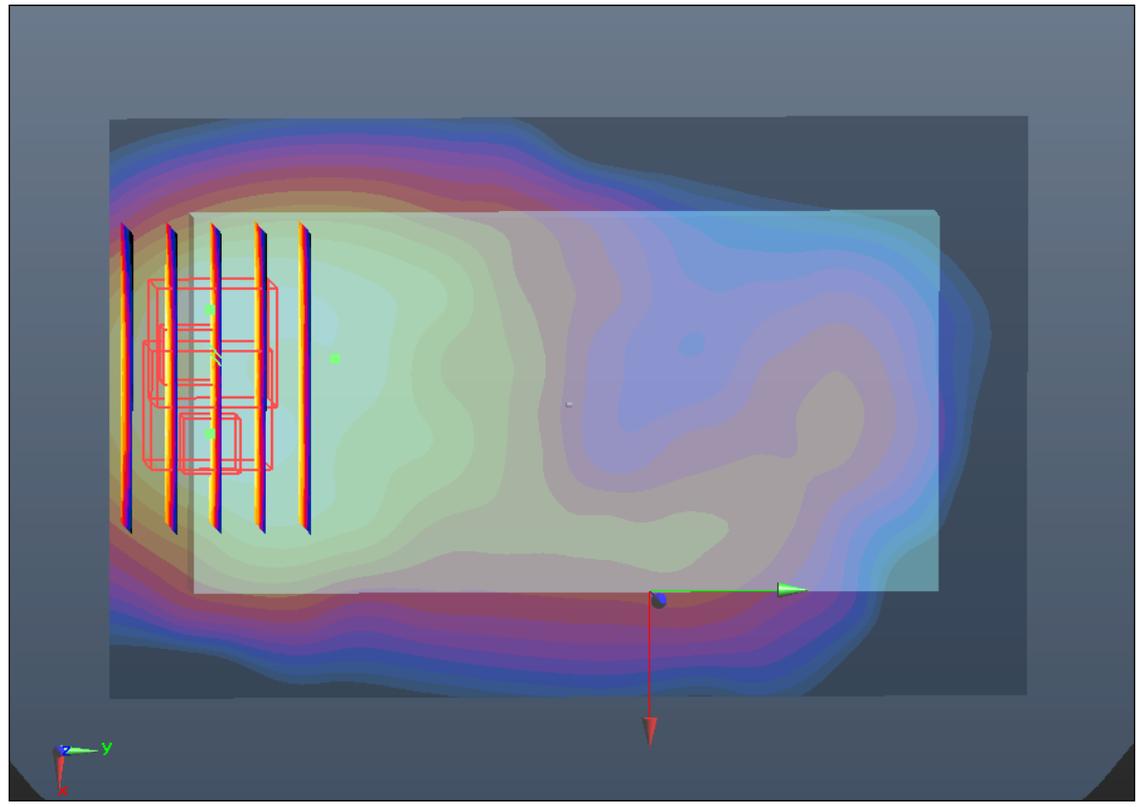
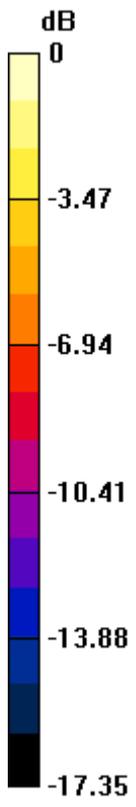
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.015 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.470 W/kg

SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.378 mW/g

Maximum value of SAR (measured) = 0.754 mW/g



0 dB = 0.750mW/g

#58 CDMA2000 BC1_RTAP153.6_Front_1cm_Ch600

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$

52.468; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.030 mW/g

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

Reference Value = 11.235 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.569 W/kg

SAR(1 g) = 0.941 mW/g; SAR(10 g) = 0.544 mW/g

Maximum value of SAR (measured) = 1.036 mW/g

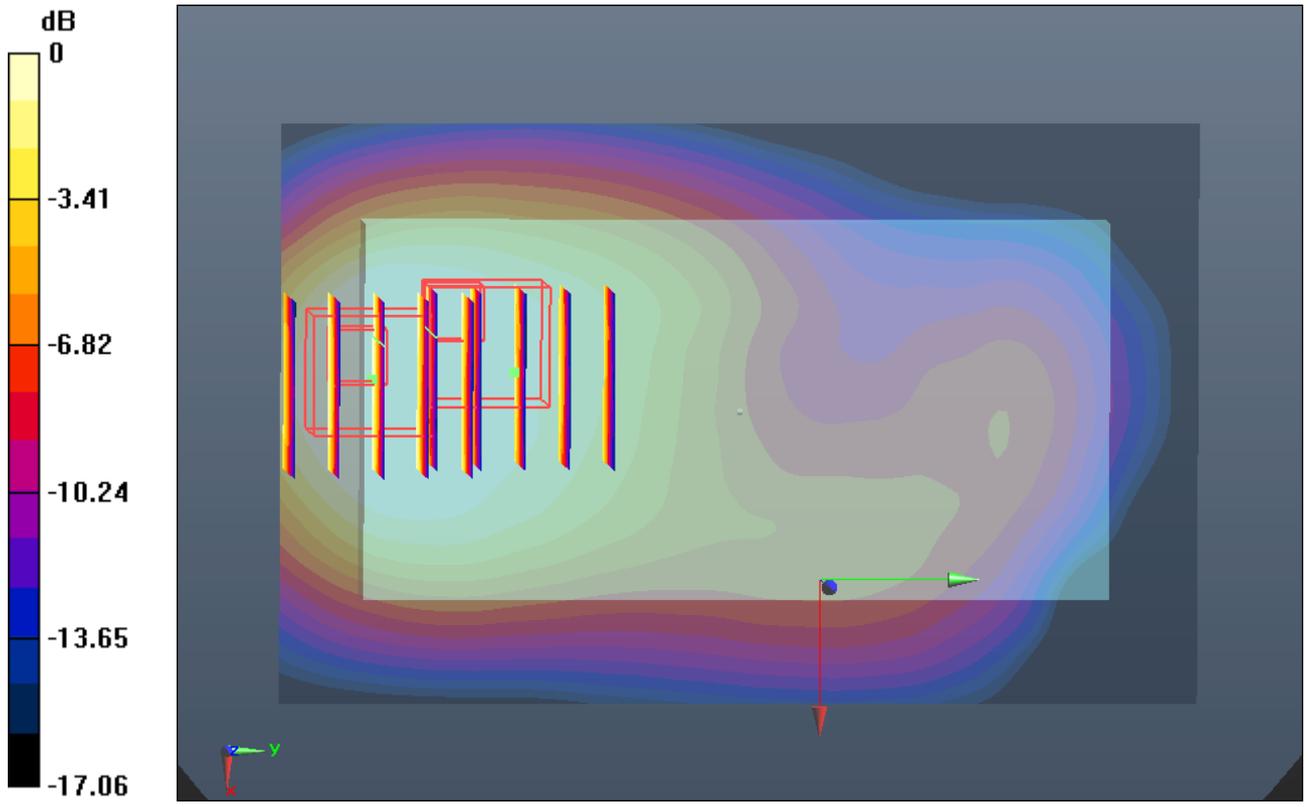
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.235 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.523 W/kg

SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.404 mW/g

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



0 dB = 0.820mW/g

#117 CDMA2000 BC1_RTAP153.6_Front_1cm_Ch1175

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.542$ mho/m; $\epsilon_r =$

52.376 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.007 mW/g

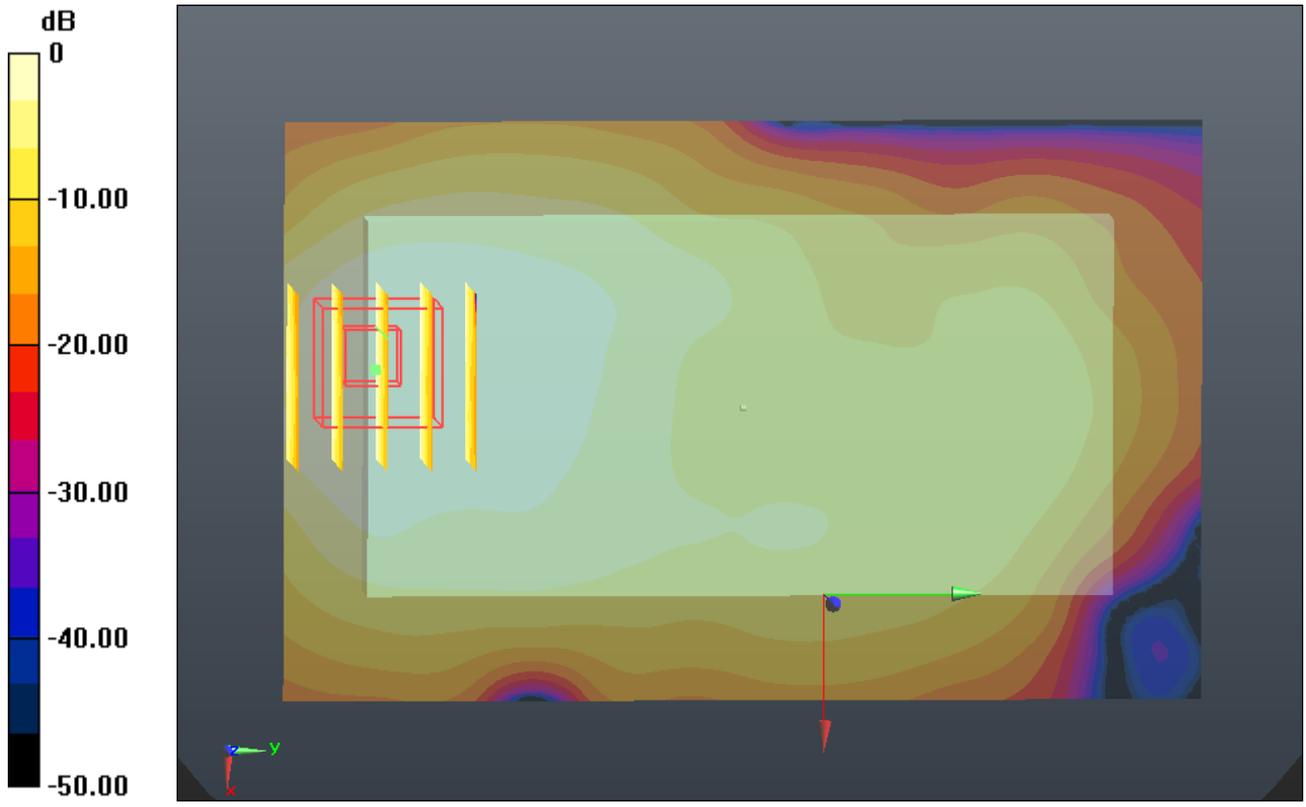
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.978 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.351 W/kg

SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.486 mW/g

Maximum value of SAR (measured) = 1.004 mW/g



0 dB = 1.000mW/g

#118 CDMA2000 BC1_RTAP153.6_Back_1cm_Ch25

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.476 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.294 mW/g

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

Reference Value = 9.853 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.635 W/kg

SAR(1 g) = 0.998 mW/g ; SAR(10 g) = 0.602 mW/g

Maximum value of SAR (measured) = 1.093 mW/g

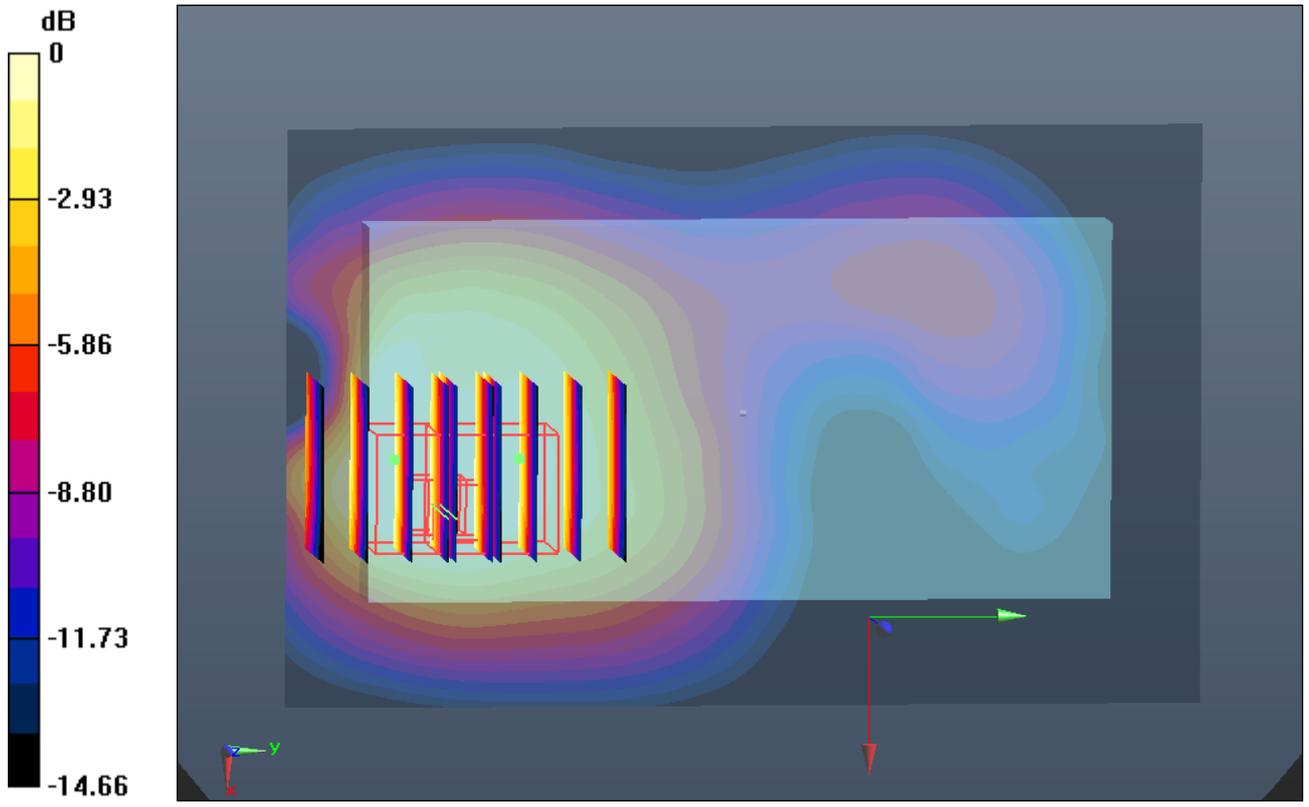
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.853 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.636 W/kg

SAR(1 g) = 0.983 mW/g ; SAR(10 g) = 0.585 mW/g

Maximum value of SAR (measured) = 1.078 mW/g



#59 CDMA2000 BC1_RTAP153.6_Back_1cm_Ch600

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$

52.468; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.423 mW/g

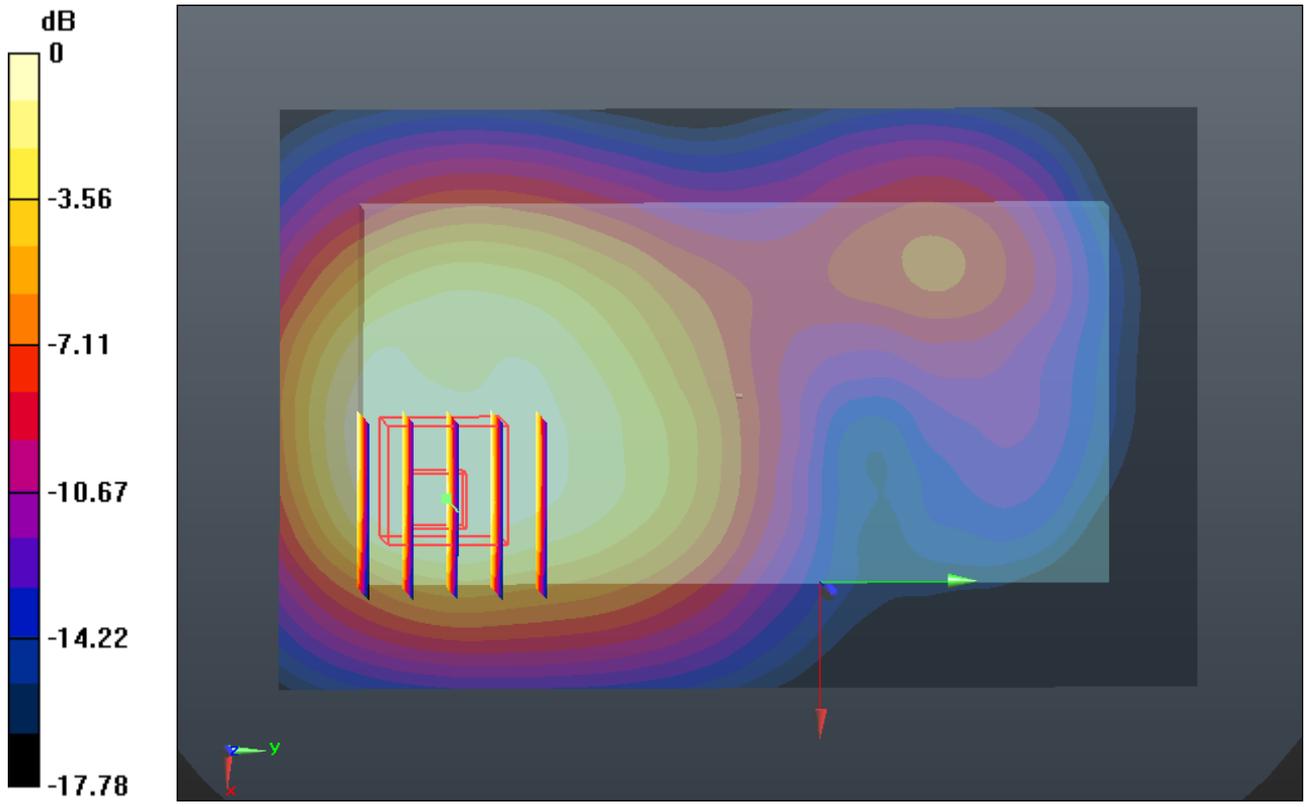
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.534 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.075 W/kg

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.738 mW/g

Maximum value of SAR (measured) = 1.362 mW/g



0 dB = 1.360mW/g

#119 CDMA2000 BC1_RTAP153.6_Back_1cm_Ch1175

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.542$ mho/m; $\epsilon_r =$

52.376 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.488 mW/g

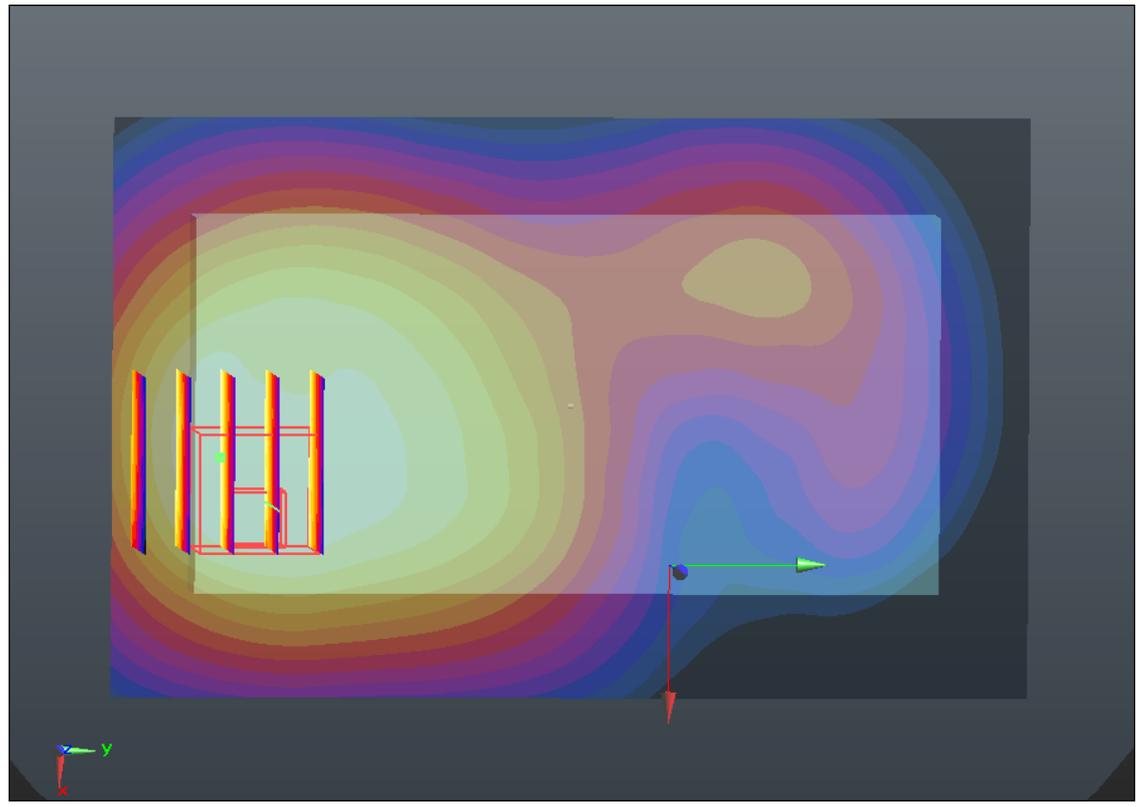
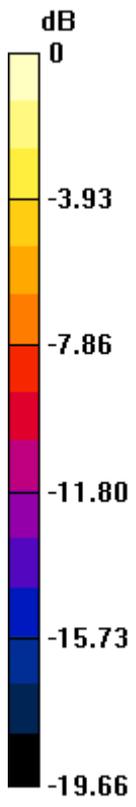
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.046 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 5.145 W/kg

SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.723 mW/g

Maximum value of SAR (measured) = 1.372 mW/g



0 dB = 1.370mW/g

#119 CDMA2000 BC1_RTAP153.6_Back_1cm_Ch1175_2D

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.542$ mho/m; $\epsilon_r =$

52.376 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.488 mW/g

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

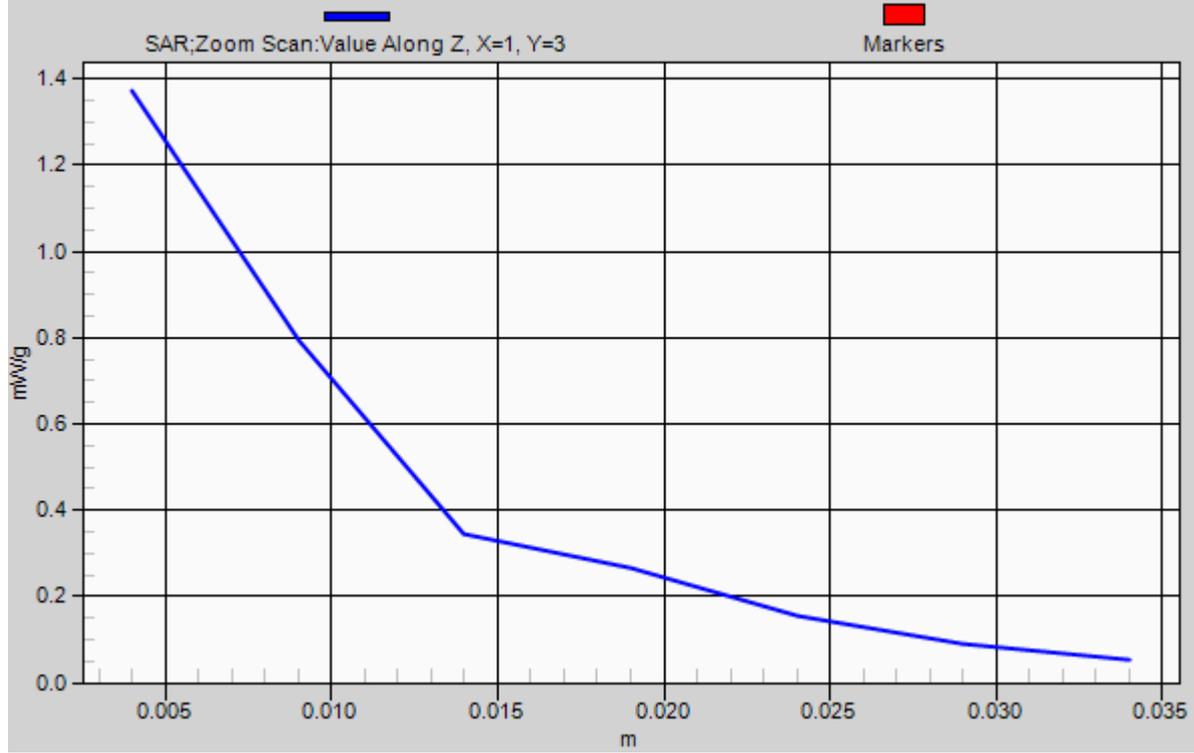
Reference Value = 13.046 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 5.145 W/kg

SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.723 mW/g

Maximum value of SAR (measured) = 1.372 mW/g

1g/10g Averaged SAR



#60 CDMA2000 BC1_RTAP153.6_Left Side_1cm_Ch600

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$

52.468 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.437 mW/g

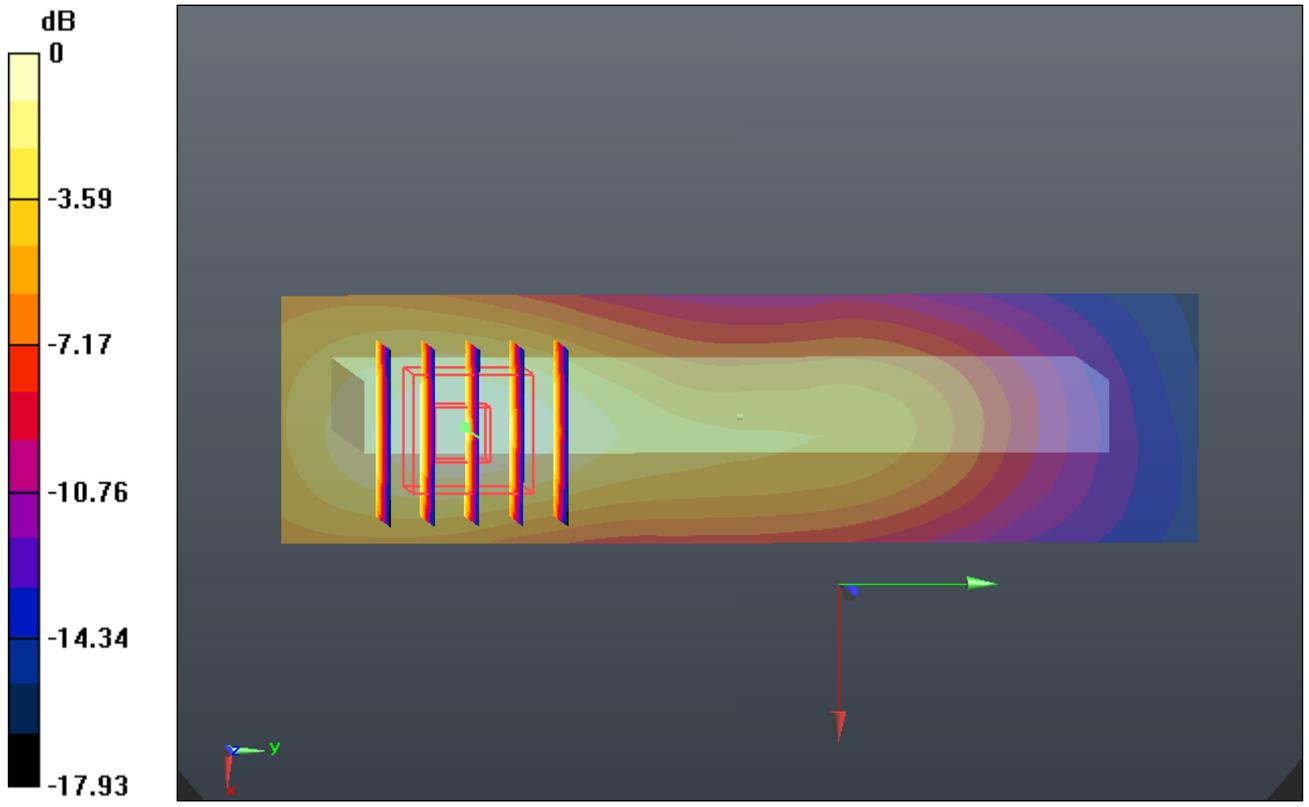
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.503 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.652 W/kg

SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 0.435 mW/g



0 dB = 0.440mW/g

#61 CDMA2000 BC1_RTAP153.6_Right Side_1cm_Ch600

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$

52.468 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.302 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.122 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.173 mW/g

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

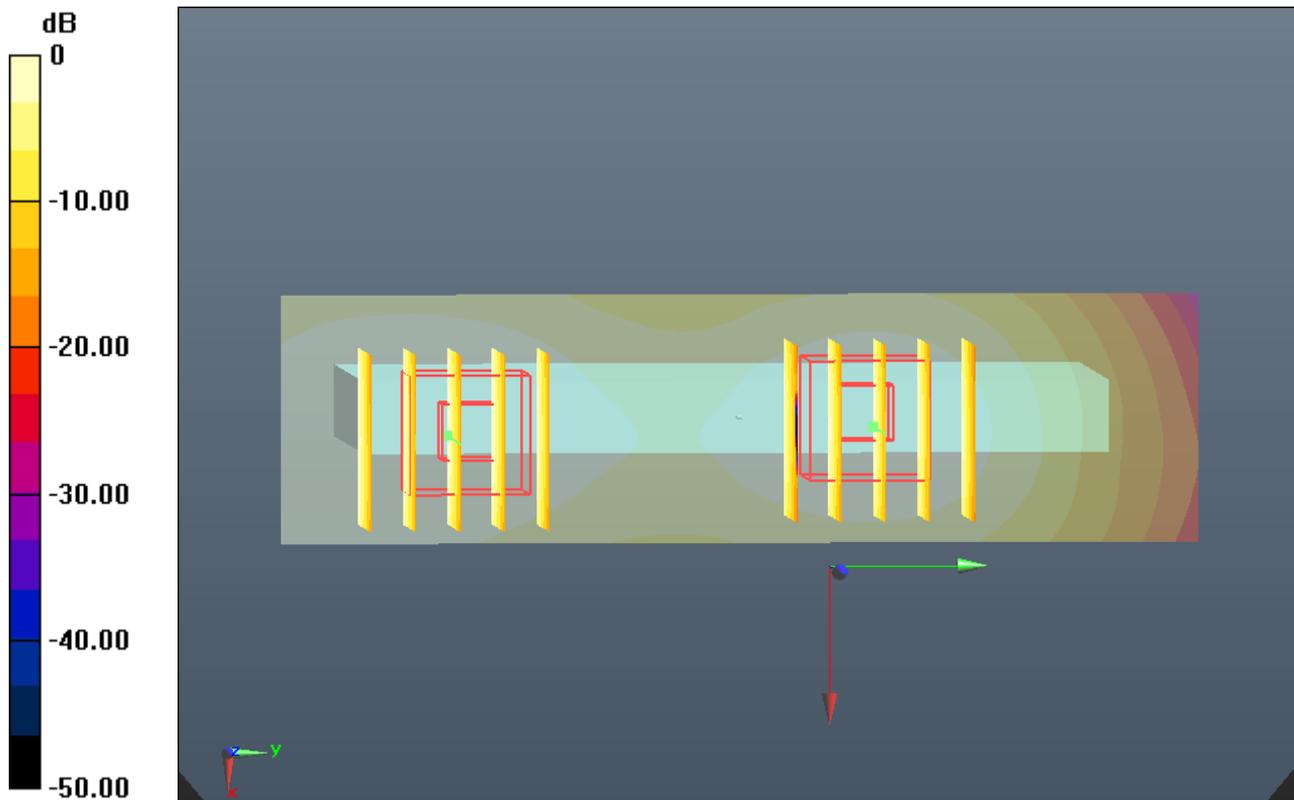
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.122 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.436 W/kg

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.301 mW/g



#120 CDMA2000 BC1_RTAP153.6_Bottom Side_1cm_Ch25

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r =$

52.574 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.804 mW/g

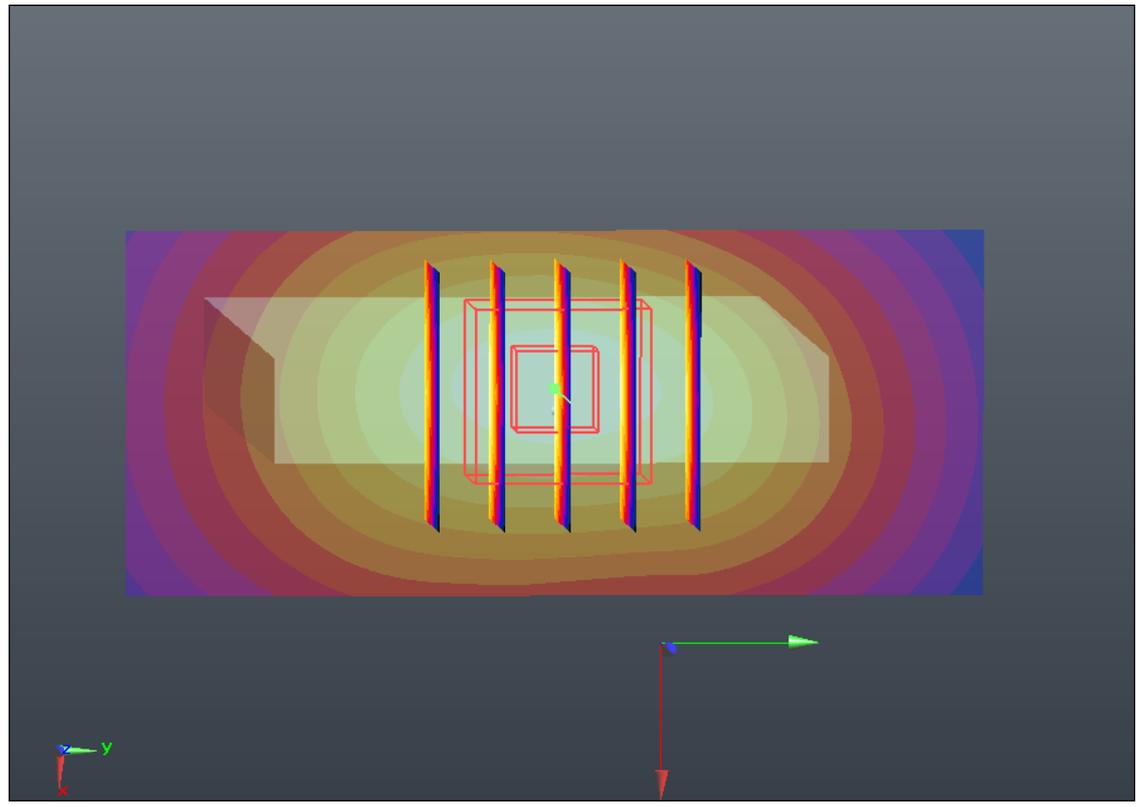
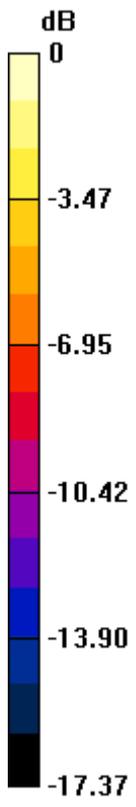
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.086 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.220 W/kg

SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.408 mW/g

Maximum value of SAR (measured) = 0.826 mW/g



0 dB = 0.830mW/g

#62 CDMA2000 BC1_RTAP153.6_Bottom Side_1cm_Ch600

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$

52.468 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.049 mW/g

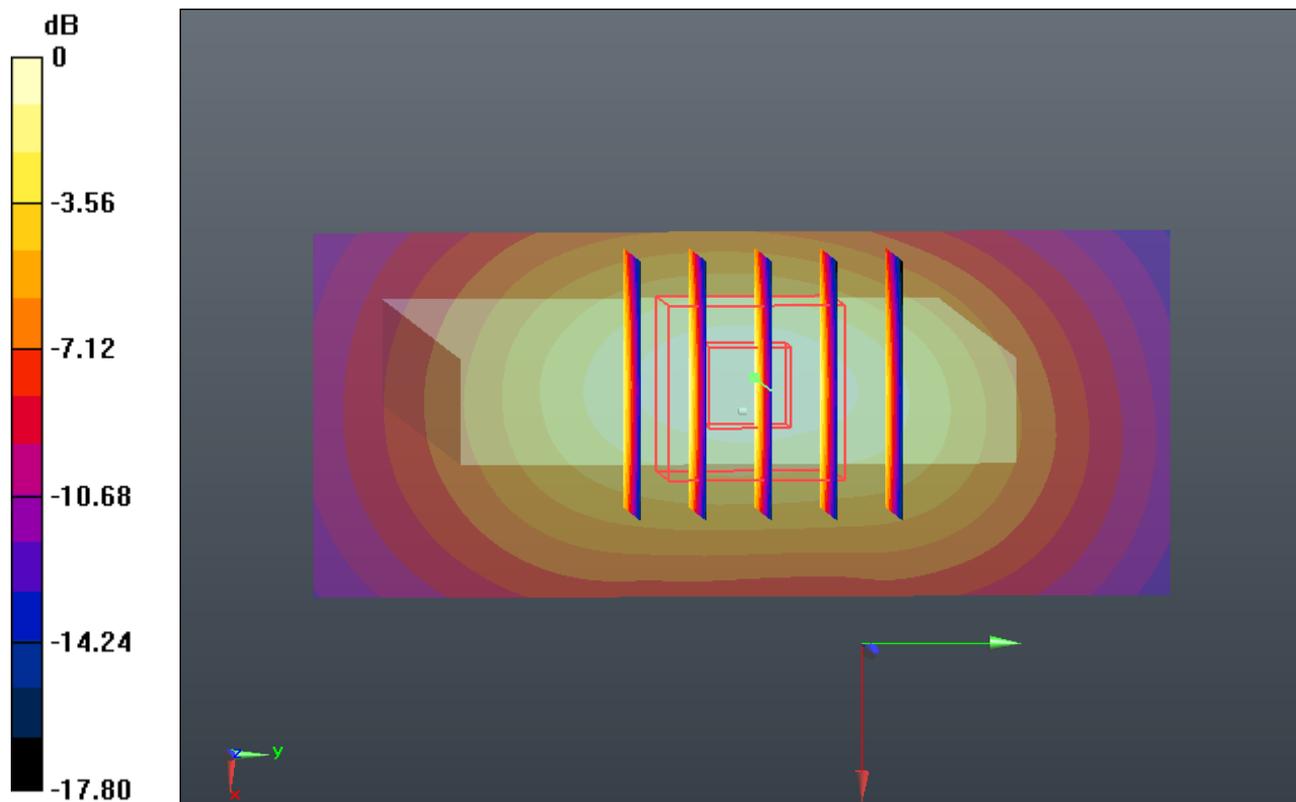
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.907 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.583 W/kg

SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.520 mW/g

Maximum value of SAR (measured) = 1.062 mW/g



#121 CDMA2000 BC1_RTAP153.6_Bottom Side_1cm_Ch1175

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.542$ mho/m; $\epsilon_r =$

52.376 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.025 mW/g

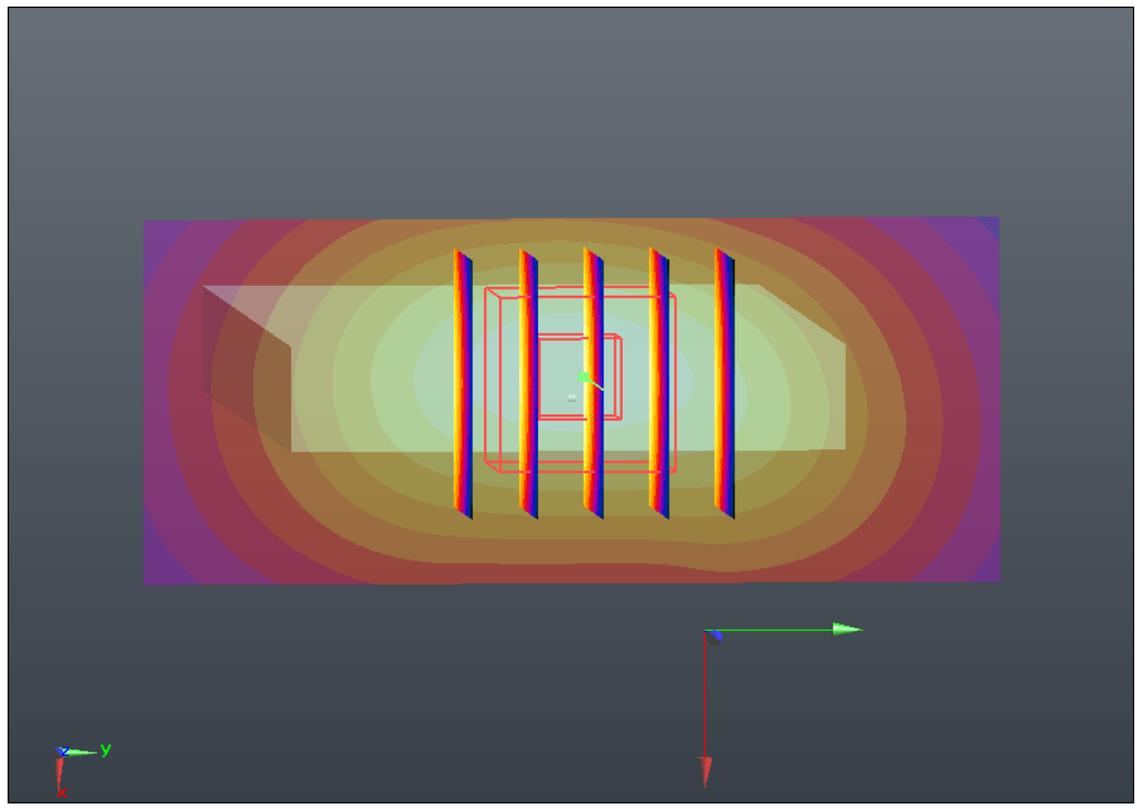
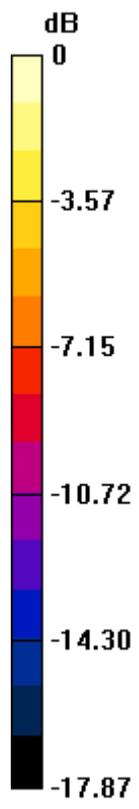
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.543 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.541 W/kg

SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.498 mW/g

Maximum value of SAR (measured) = 1.017 mW/g



0 dB = 1.020mW/g

#69 CDMA2000 BC10_RTAP153.6_Front_1cm_Ch476

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_120825 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$

54.53 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.427 mW/g

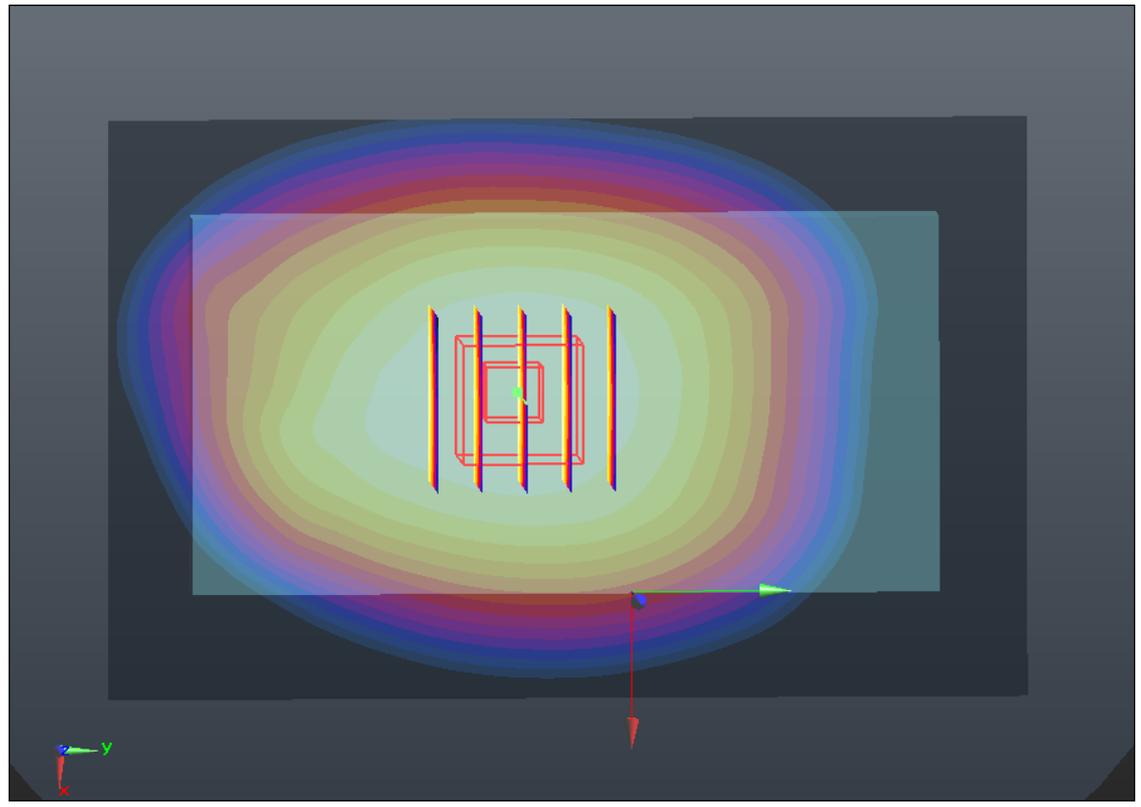
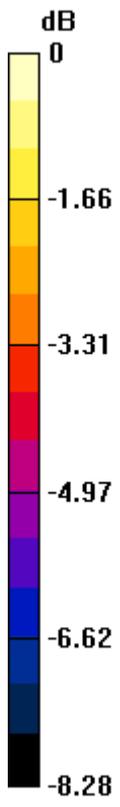
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.834 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.487 W/kg

SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.319 mW/g

Maximum value of SAR (measured) = 0.424 mW/g



0 dB = 0.420mW/g

#70 CDMA2000 BC10_RTAP153.6_Back_1cm_Ch476

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_120825 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$

54.53 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

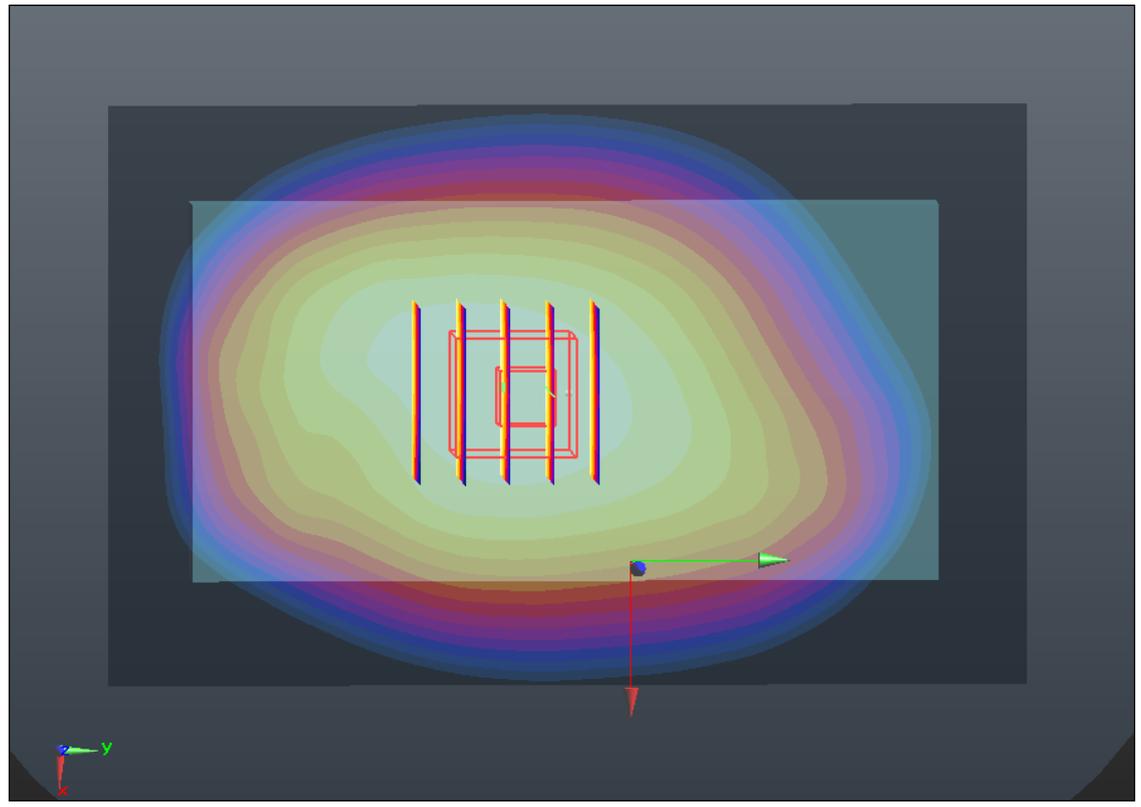
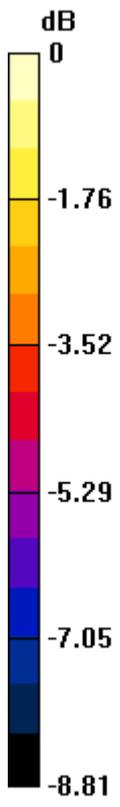
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.145 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.446 mW/g

Maximum value of SAR (measured) = 0.596 mW/g



0 dB = 0.600mW/g

#70 CDMA2000 BC10_RTAP153.6_Back_1cm_Ch476_2D

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_120825 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$

54.53 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

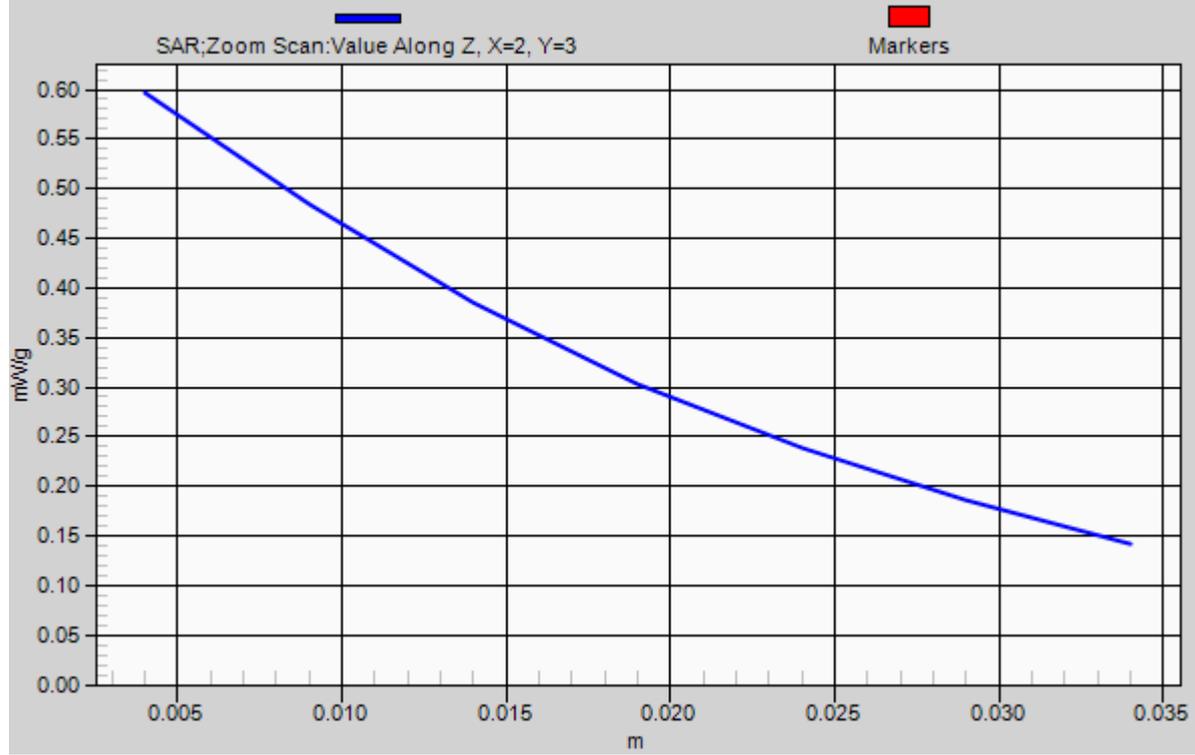
Reference Value = 25.145 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.446 mW/g

Maximum value of SAR (measured) = 0.596 mW/g

1g/10g Averaged SAR



#71 CDMA2000 BC10_RTAP153.6_Left Side_1cm_Ch476

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_120825 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$

54.53 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

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

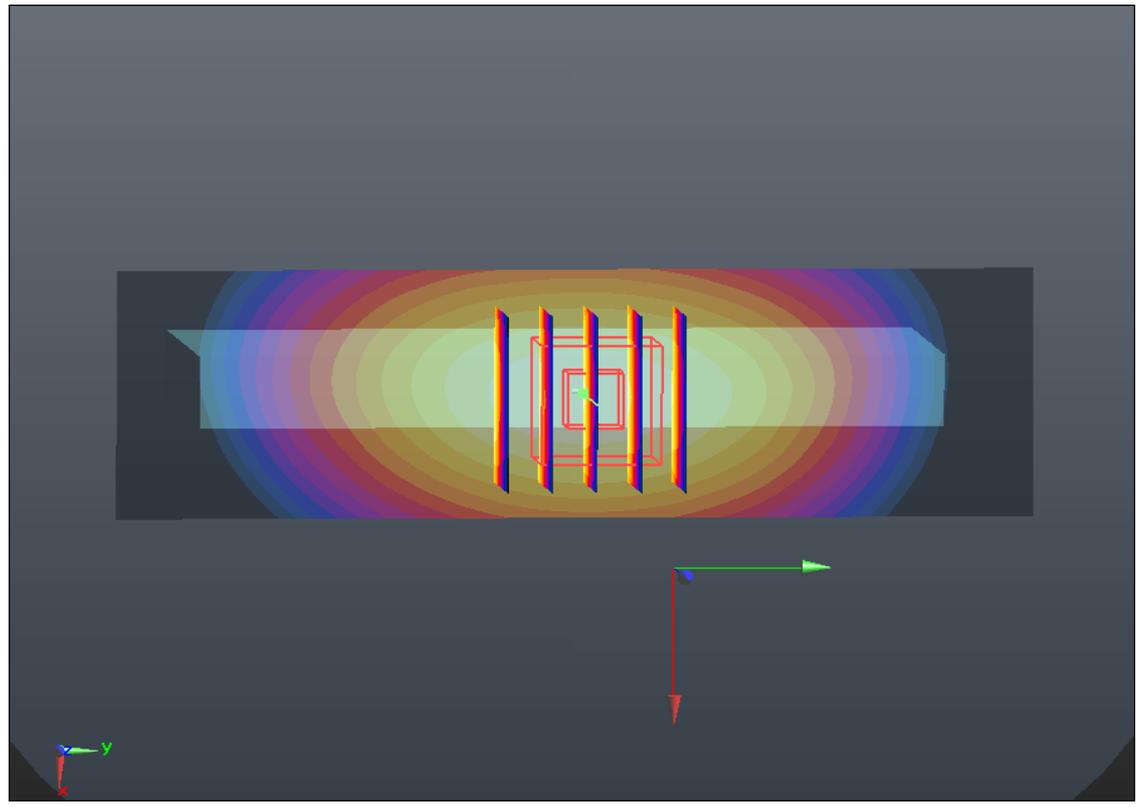
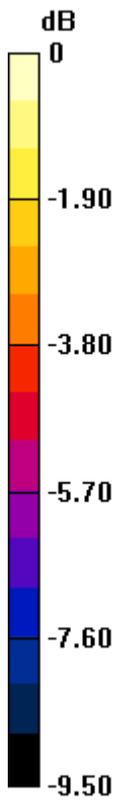
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.958 V/m; Power Drift = -0.0068 dB

Peak SAR (extrapolated) = 0.633 W/kg

SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.320 mW/g

Maximum value of SAR (measured) = 0.498 mW/g



0 dB = 0.500mW/g

#72 CDMA2000 BC10_RTAP153.6_Right Side_1cm_Ch476

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_120825 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$

54.53 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.461 mW/g

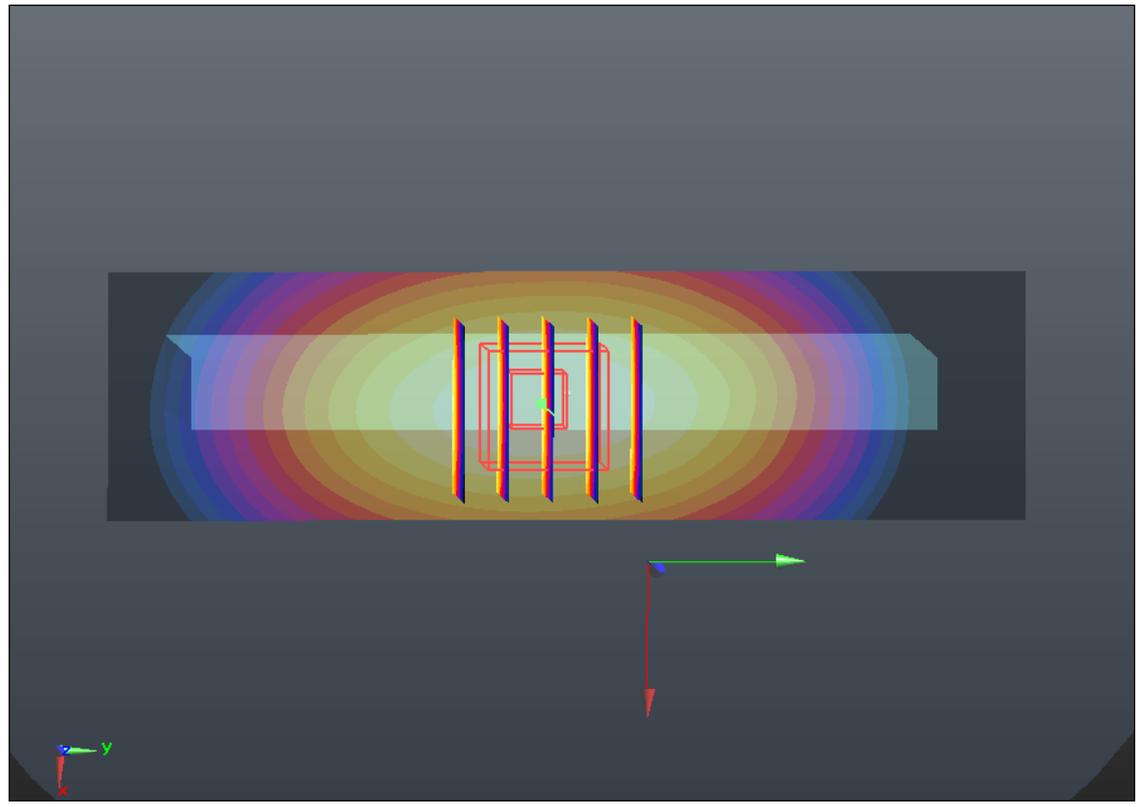
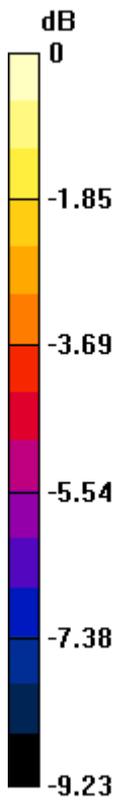
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.060 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.581 W/kg

SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.303 mW/g

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



0 dB = 0.460mW/g

#73 CDMA2000 BC10_RTAP153.6_Bottom Side_1cm_Ch476

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_120825 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$

54.53 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.073 mW/g

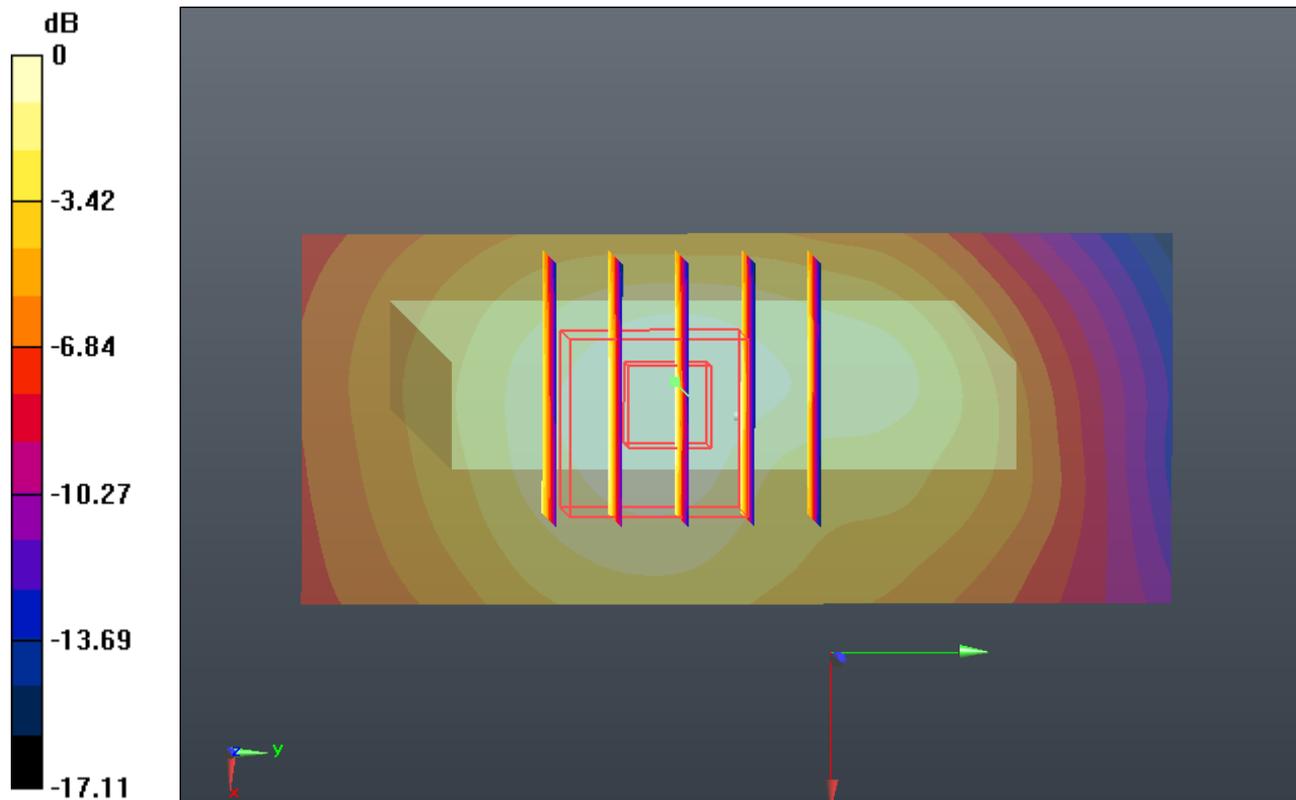
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.237 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.075 mW/g



#74 LTE Band 25_QPSK(25 13)_10M_Front_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.185 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.965 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.107 mW/g

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

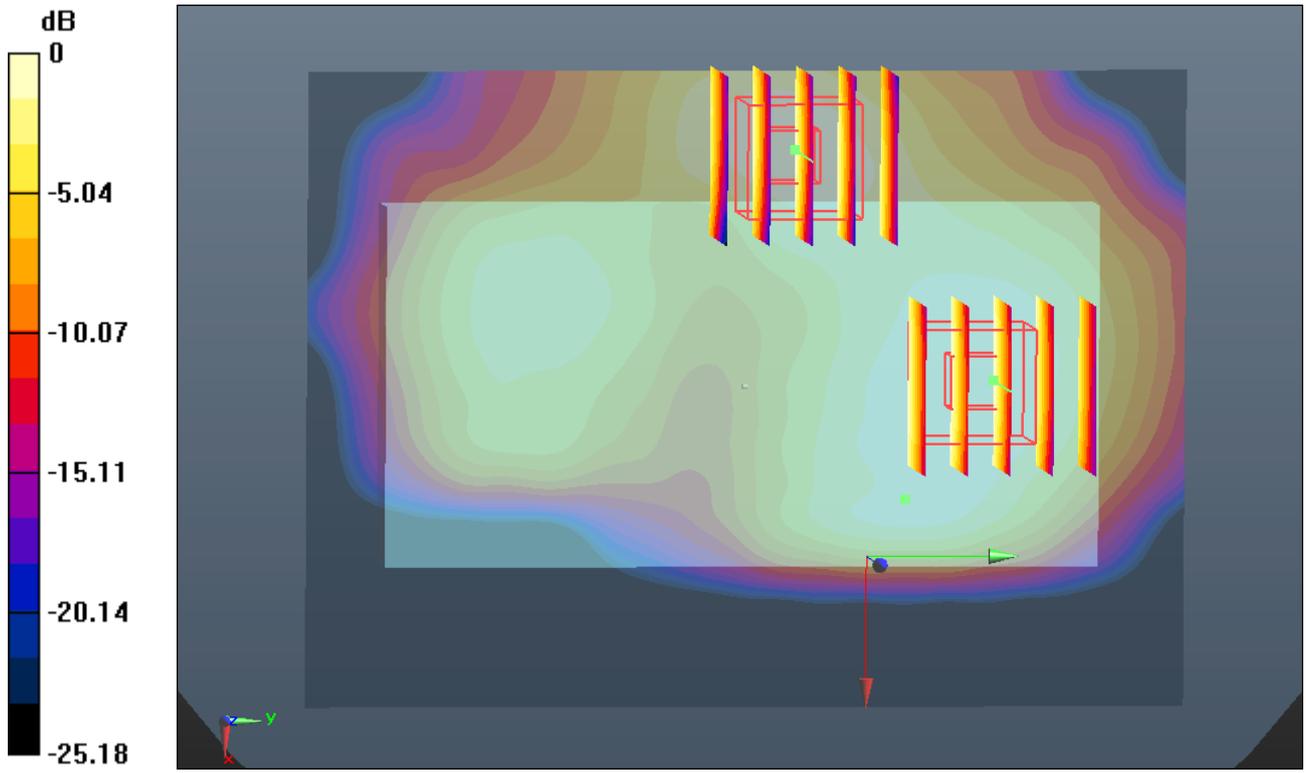
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.965 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.090 mW/g

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



0 dB = 0.180mW/g

#79 LTE Band 25_QPSK(1 0)_10M_Front_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.260 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.956 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 0.245 mW/g

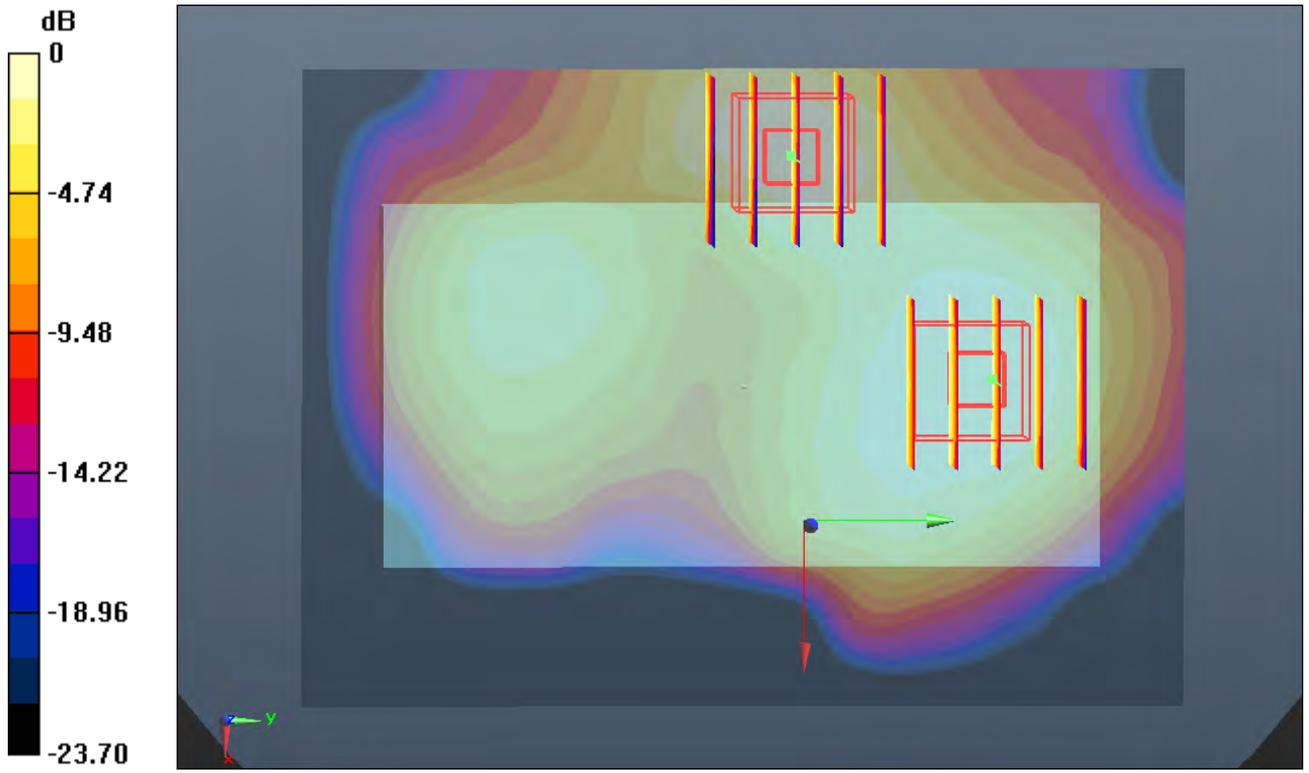
Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.956 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.390 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.120 mW/g

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



0 dB = 0.240mW/g

#84 LTE Band 25_QPSK(1 49)_10M_Front_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.247 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.509 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.354 W/kg

SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 0.245 mW/g

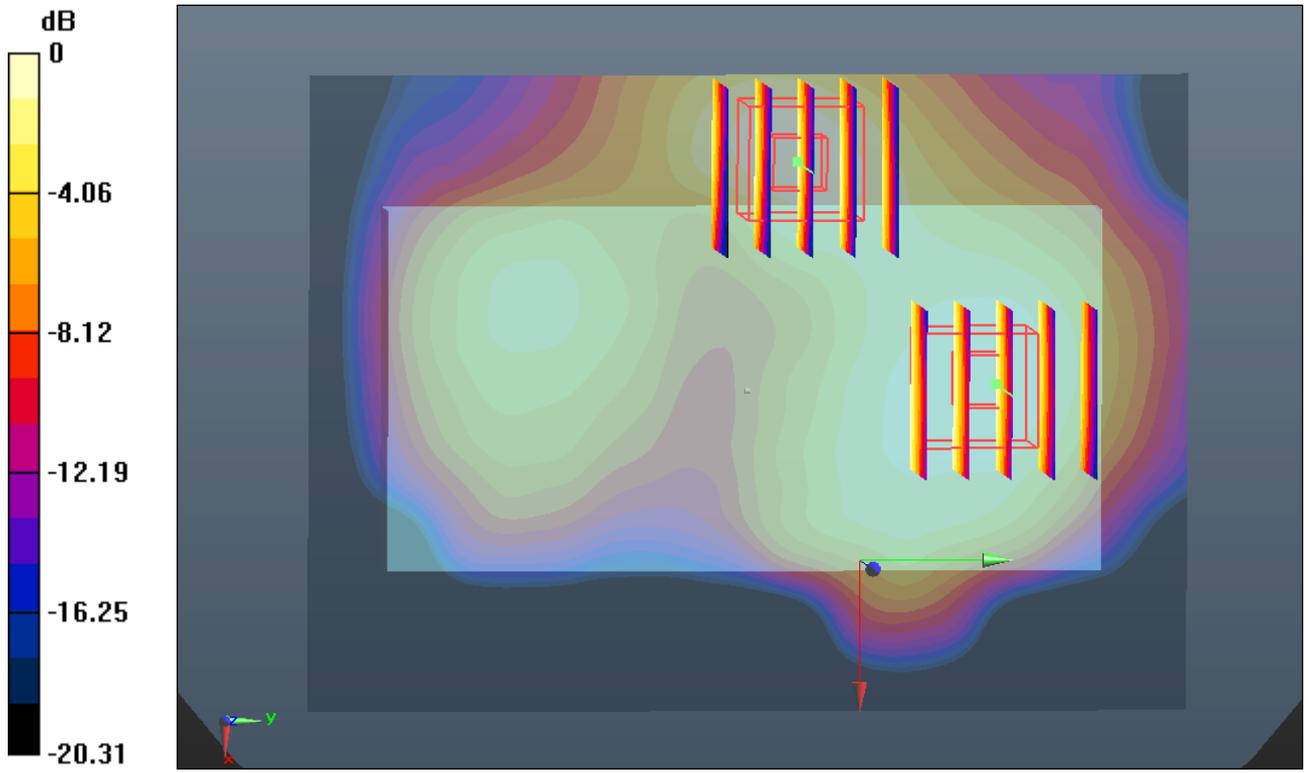
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.509 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.122 mW/g

Maximum value of SAR (measured) = 0.248 mW/g



0 dB = 0.250mW/g

#89 LTE Band 25_16QAM(25 13)_10M_Front_1cm_Ch26640

DUT: 270201

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.575$ mho/m; $\epsilon_r =$

54.611 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26640/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.933 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.144 mW/g

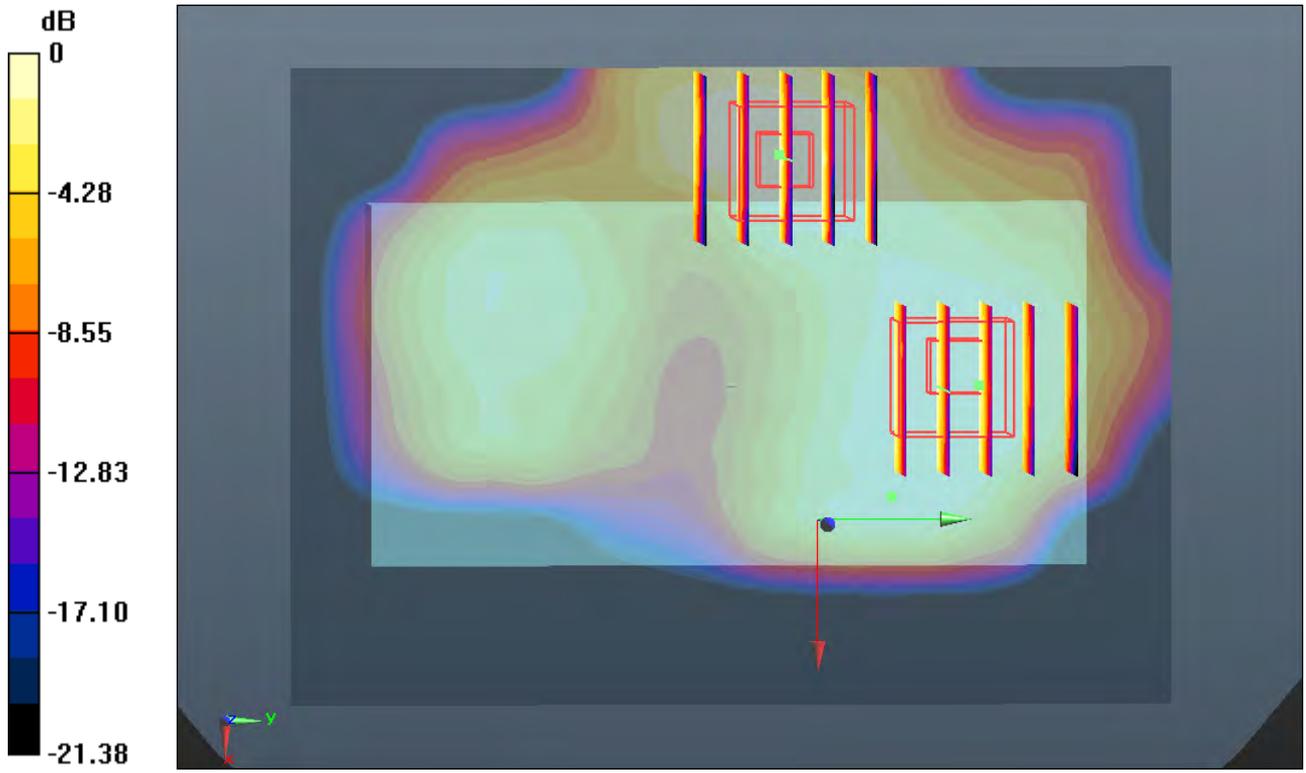
Ch26640/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.933 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.070 mW/g

Maximum value of SAR (measured) = 0.120 mW/g



0 dB = 0.120mW/g

#94 LTE Band 25_16QAM(1 0)_10M_Front_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.147 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.201 mW/g

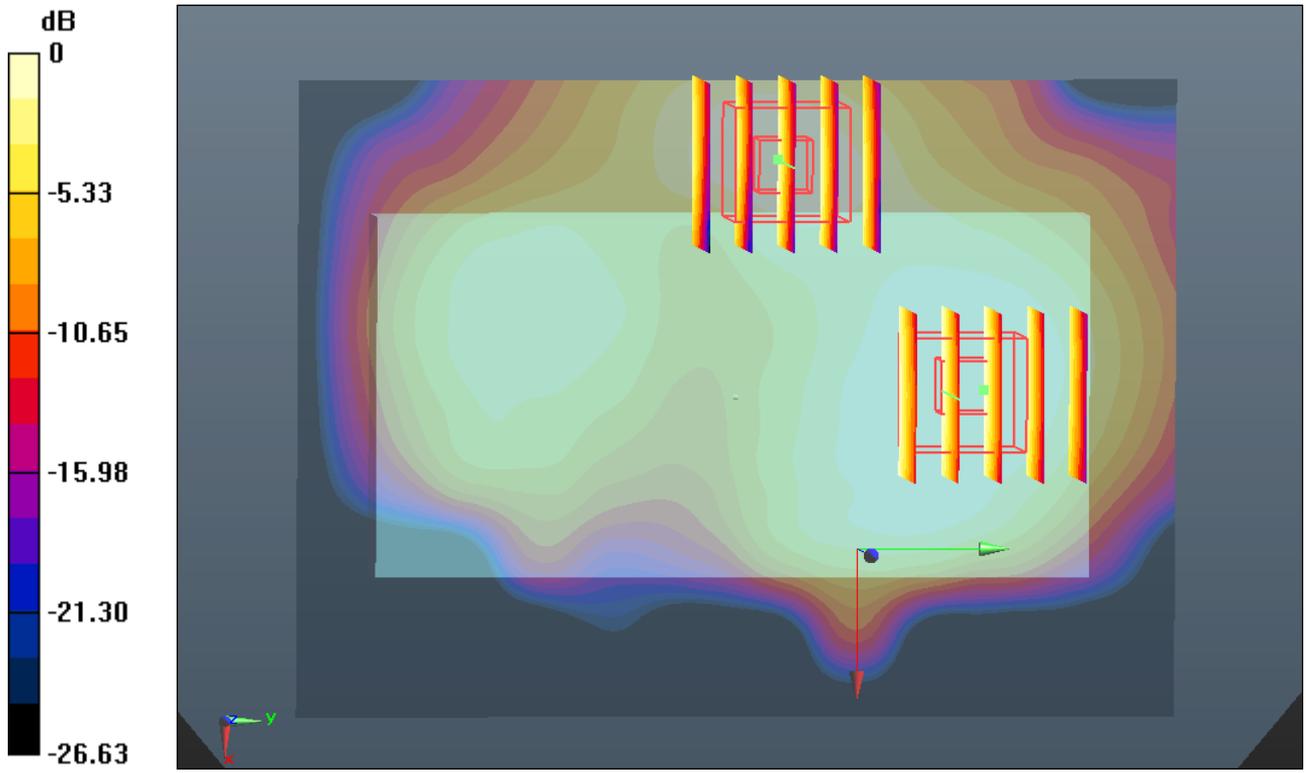
Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.147 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.279 W/kg

SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.183 mW/g



0 dB = 0.180mW/g

#99 LTE Band 25_16QAM(1 49)_10M_Front_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

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

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.313 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.124 mW/g

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

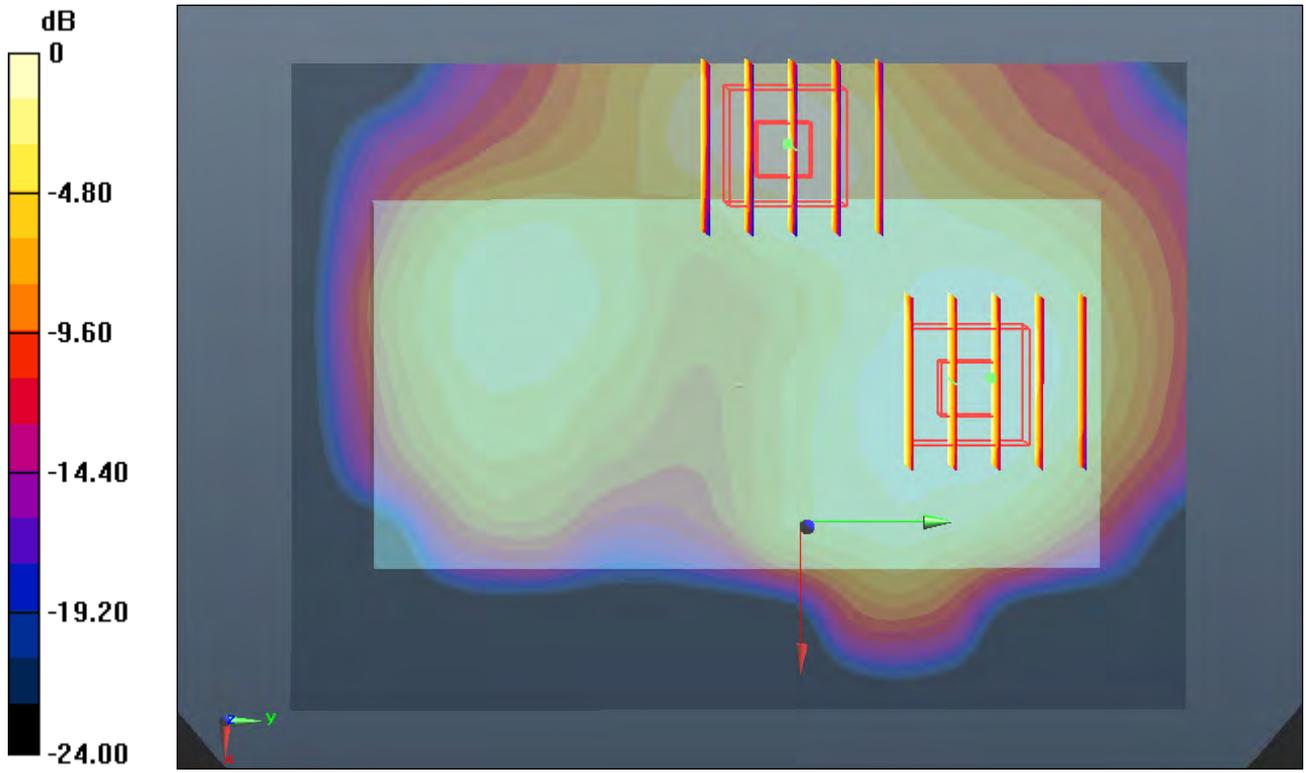
Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.313 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.195 mW/g



0 dB = 0.200mW/g

#75 LTE Band 25_QPSK(25 13)_10M_Back_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.737 mW/g

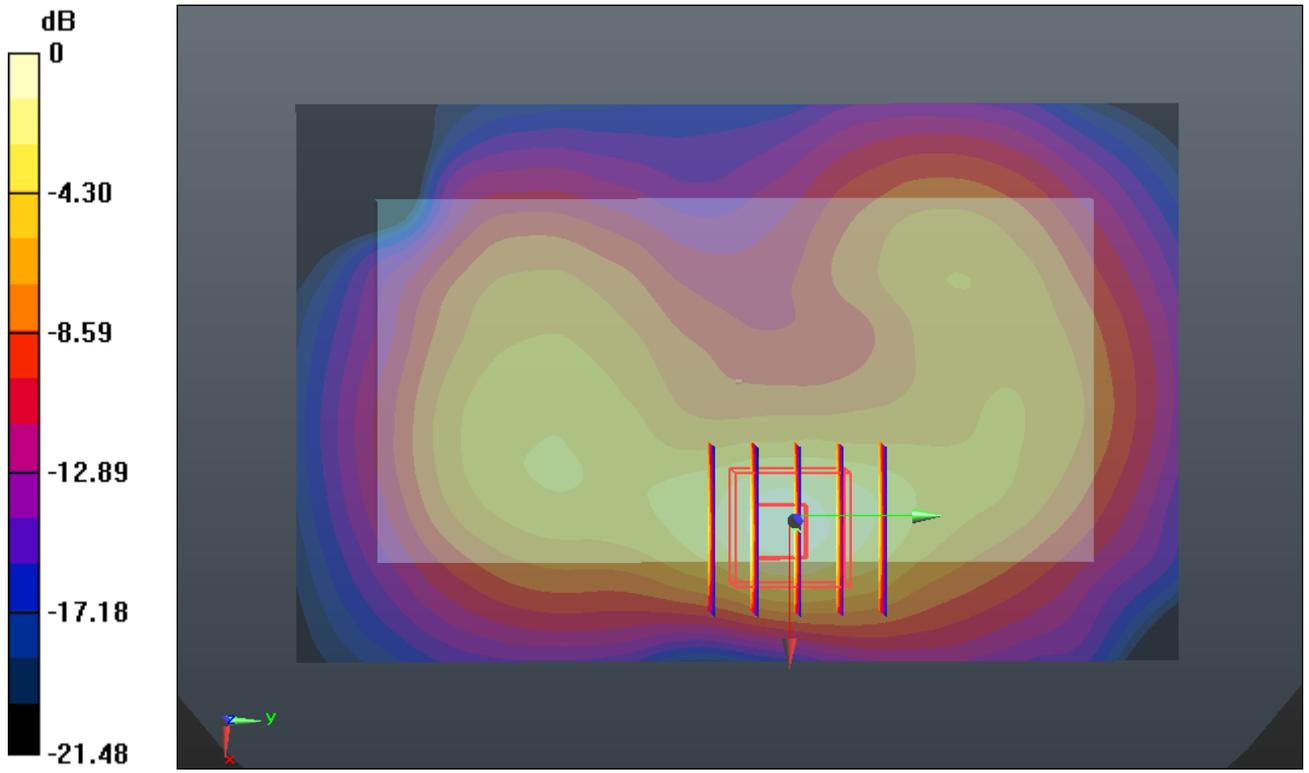
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.682 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.486 W/kg

SAR(1 g) = 0.760 mW/g; SAR(10 g) = 0.361 mW/g

Maximum value of SAR (measured) = 0.867 mW/g



0 dB = 0.870mW/g

#80 LTE Band 25_QPSK(1 0)_10M_Back_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

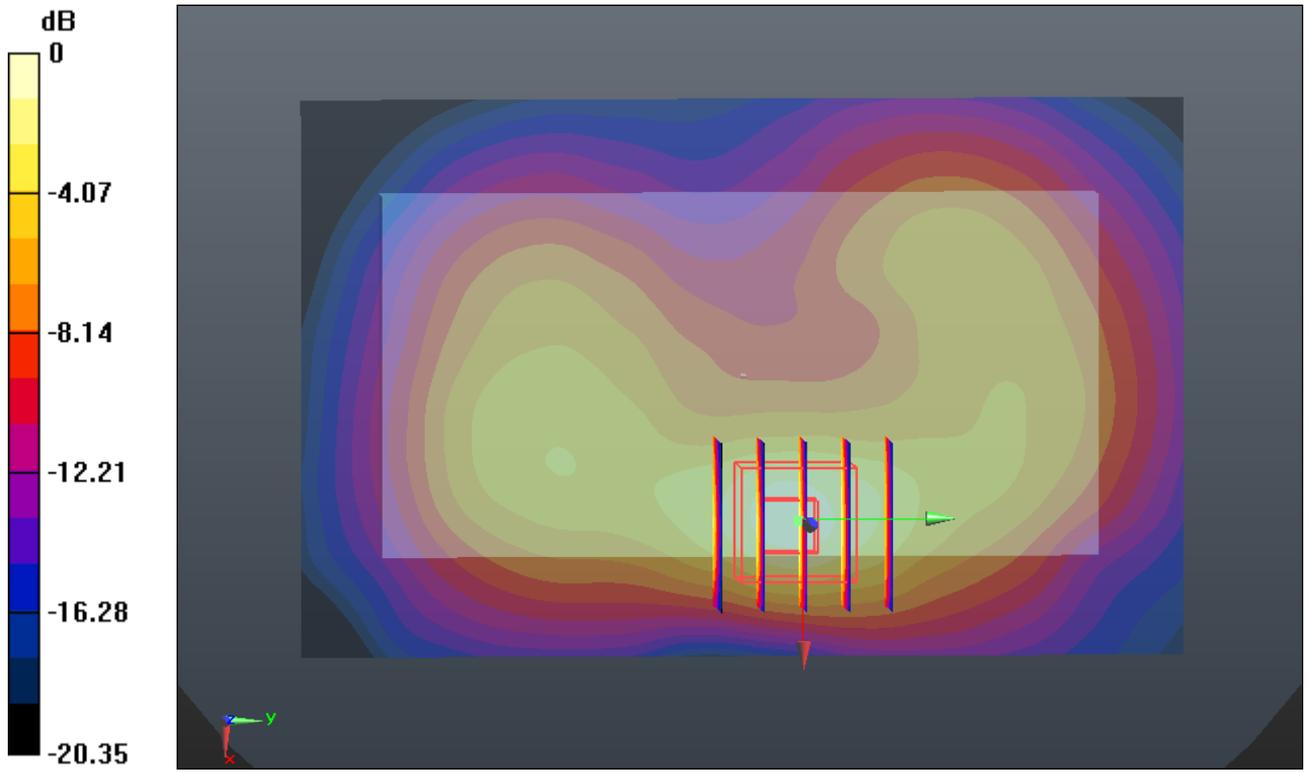
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.196 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.875 W/kg

SAR(1 g) = 0.981 mW/g; SAR(10 g) = 0.471 mW/g

Maximum value of SAR (measured) = 1.136 mW/g



0 dB = 1.140mW/g

#85 LTE Band 25_QPSK(1 49)_10M_Back_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.992 mW/g

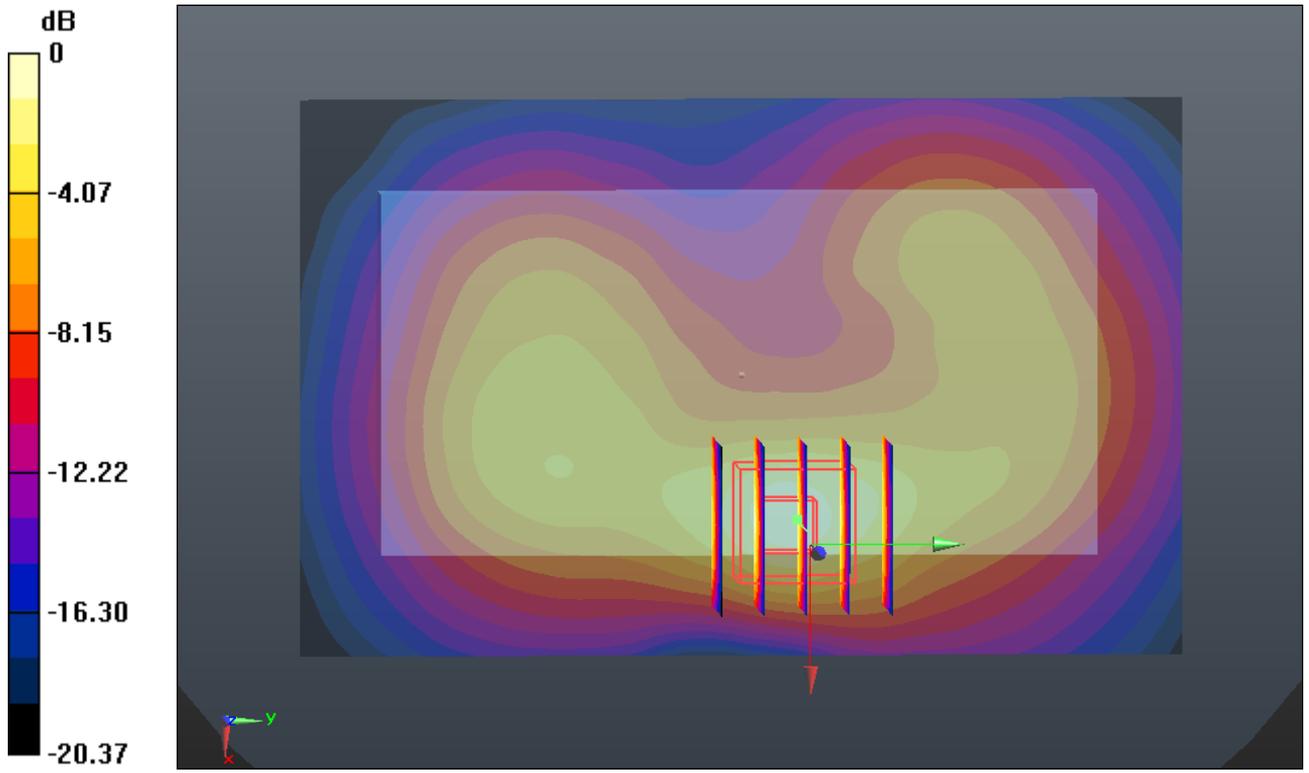
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.040 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.867 W/kg

SAR(1 g) = 0.997 mW/g; SAR(10 g) = 0.477 mW/g

Maximum value of SAR (measured) = 1.150 mW/g



0 dB = 1.150mW/g

#132 LTE Band 25_QPSK(1 49)_10M_Back_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120901 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 54.701$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.540 mW/g

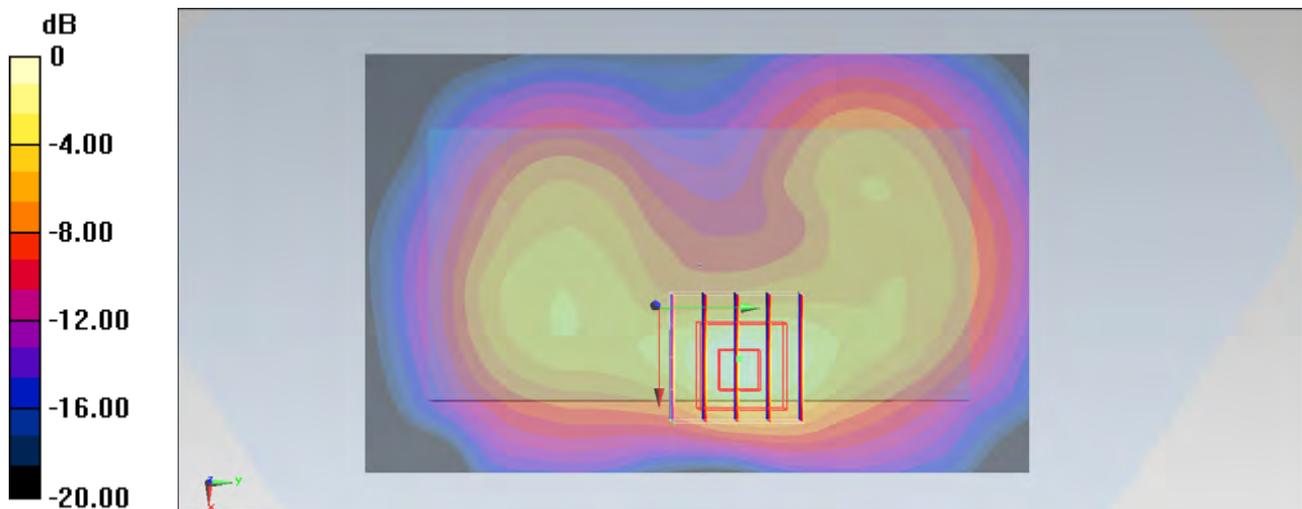
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.886 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.994 mW/g

SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.583 mW/g



0 dB = 0.580 mW/g

#90 LTE Band 25_16QAM(25 13)_10M_Back_1cm_Ch26640

DUT: 270201

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.575$ mho/m; $\epsilon_r =$

54.611 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26640/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.704 mW/g

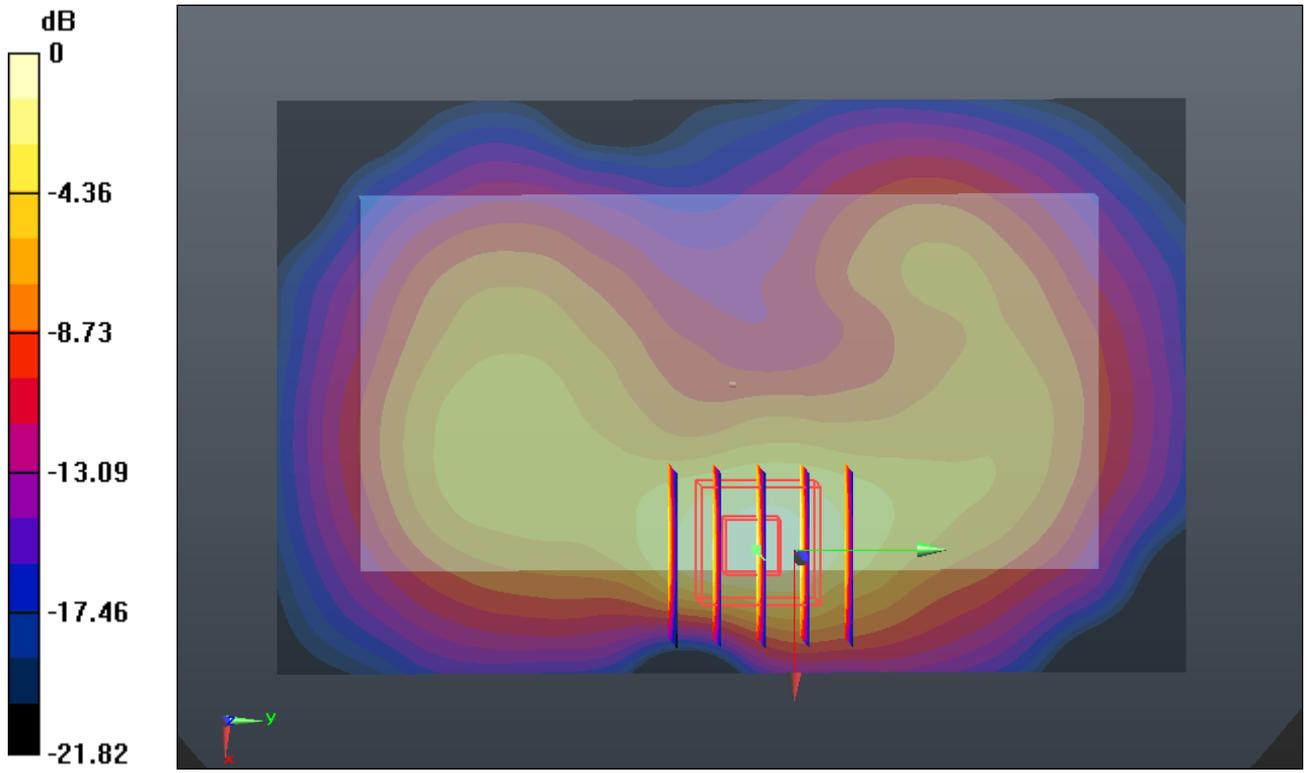
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.097 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.282 W/kg

SAR(1 g) = 0.673 mW/g; SAR(10 g) = 0.322 mW/g

Maximum value of SAR (measured) = 0.777 mW/g



0 dB = 0.780mW/g

#95 LTE Band 25_16QAM(1 0)_10M_Back_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

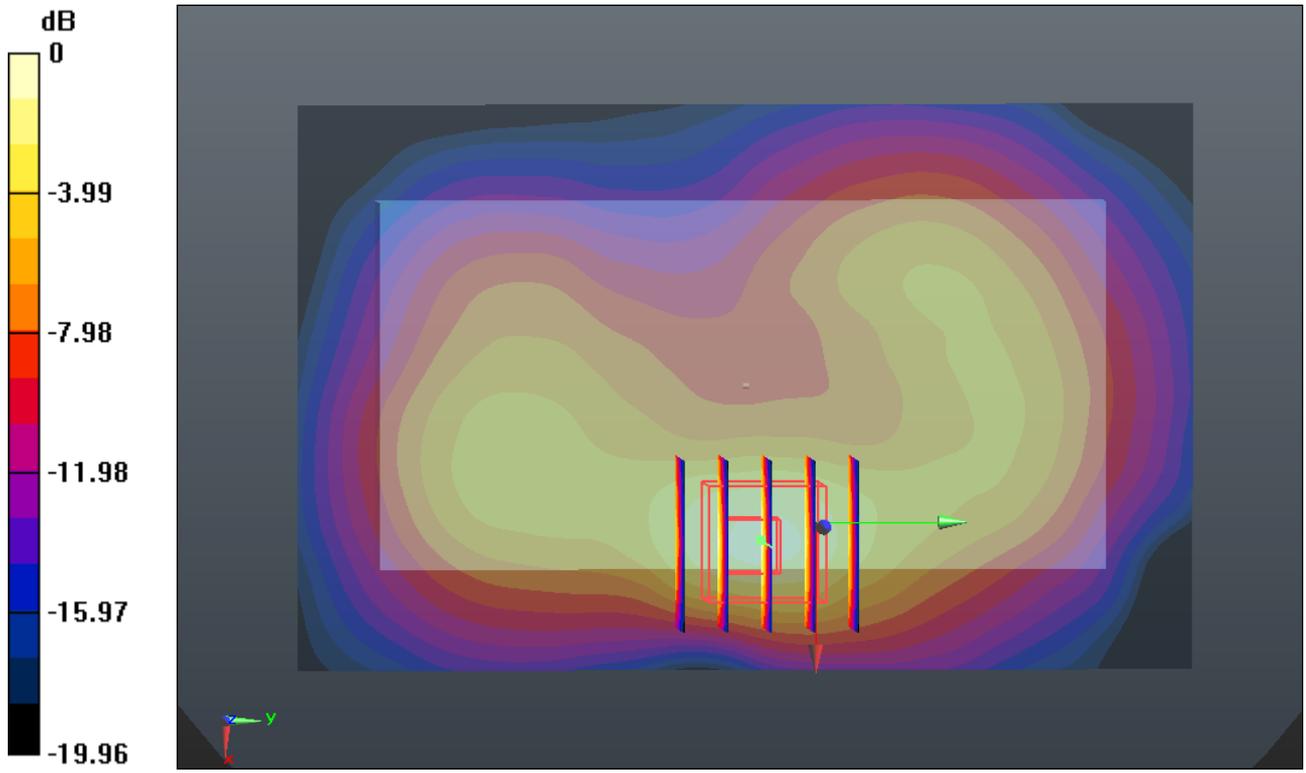
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.137 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.639 W/kg

SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.409 mW/g

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



0 dB = 1.000mW/g

#100 LTE Band 25_16QAM(1 49)_10M_Back_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.857 mW/g

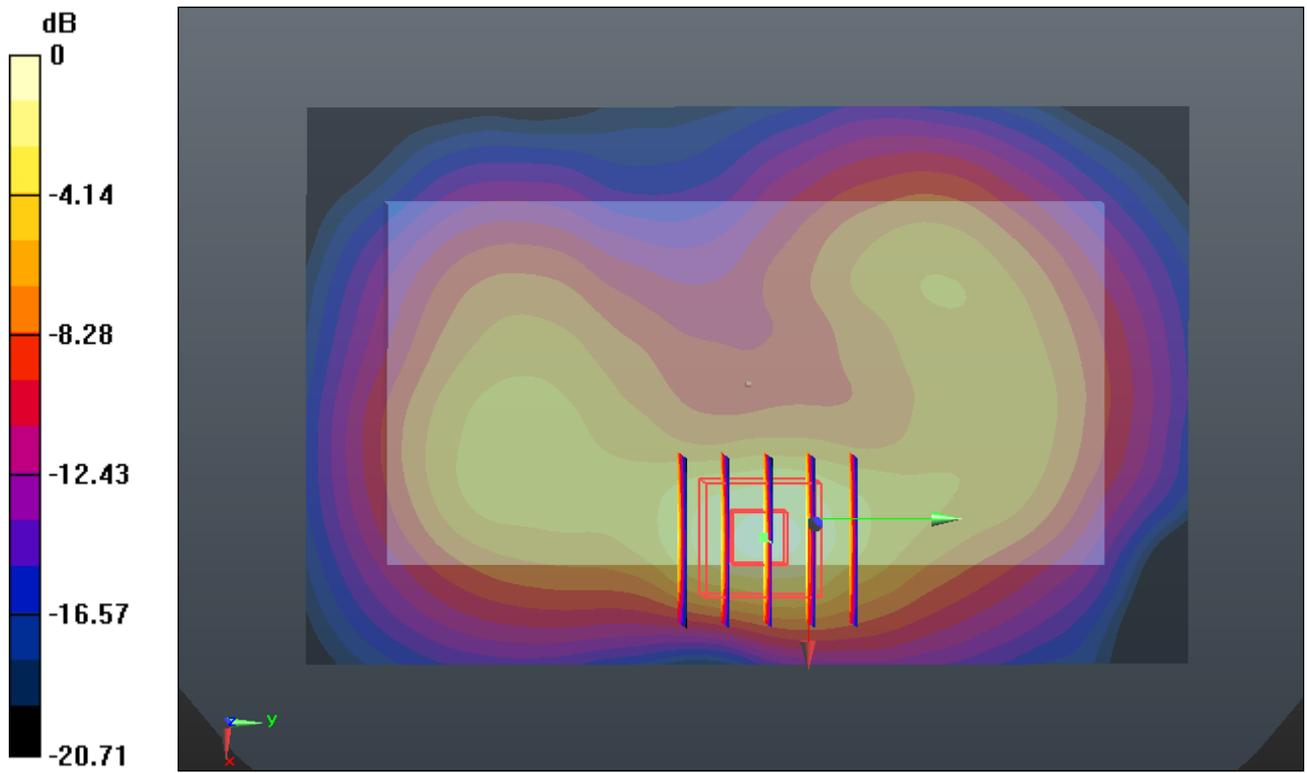
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.863 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.704 W/kg

SAR(1 g) = 0.879 mW/g; SAR(10 g) = 0.414 mW/g

Maximum value of SAR (measured) = 1.055 mW/g



0 dB = 1.050mW/g

#76 LTE Band 25_QPSK(25 13)_10M_Left Side_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.784 mW/g

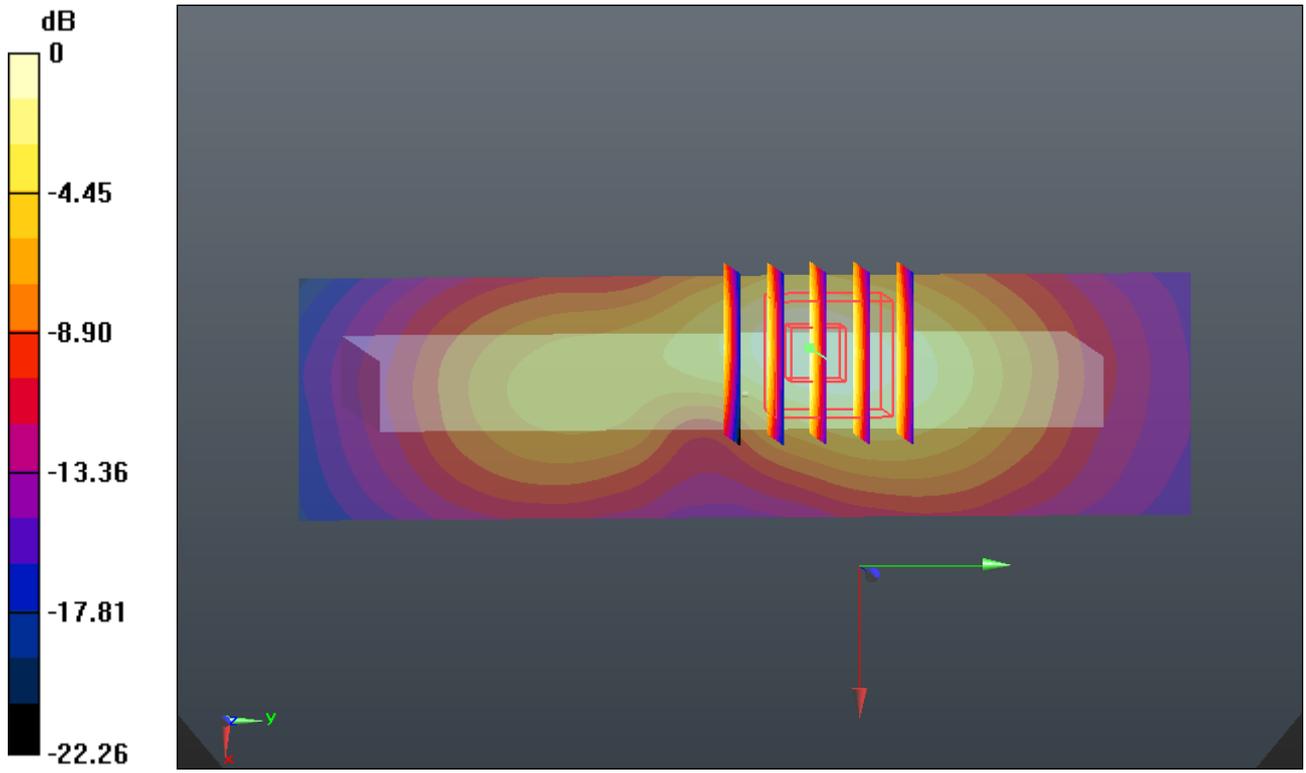
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.570 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.251 W/kg

SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.357 mW/g

Maximum value of SAR (measured) = 0.777 mW/g



0 dB = 0.780mW/g

#81 LTE Band 25_QPSK(1 0)_10M_Left Side_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.068 mW/g

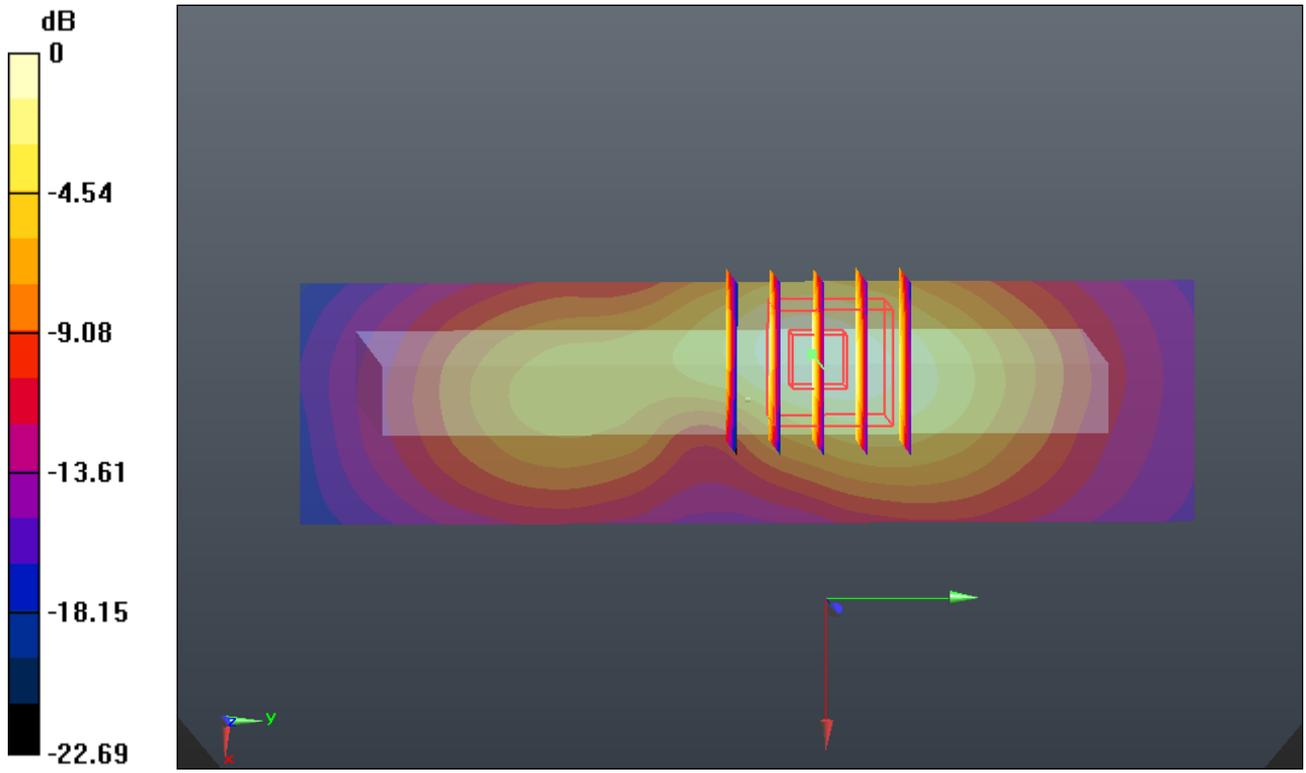
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.618 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.675 W/kg

SAR(1 g) = 0.936 mW/g; SAR(10 g) = 0.485 mW/g

Maximum value of SAR (measured) = 1.089 mW/g



#86 LTE Band 25_QPSK(1 49)_10M_Left Side_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.060 mW/g

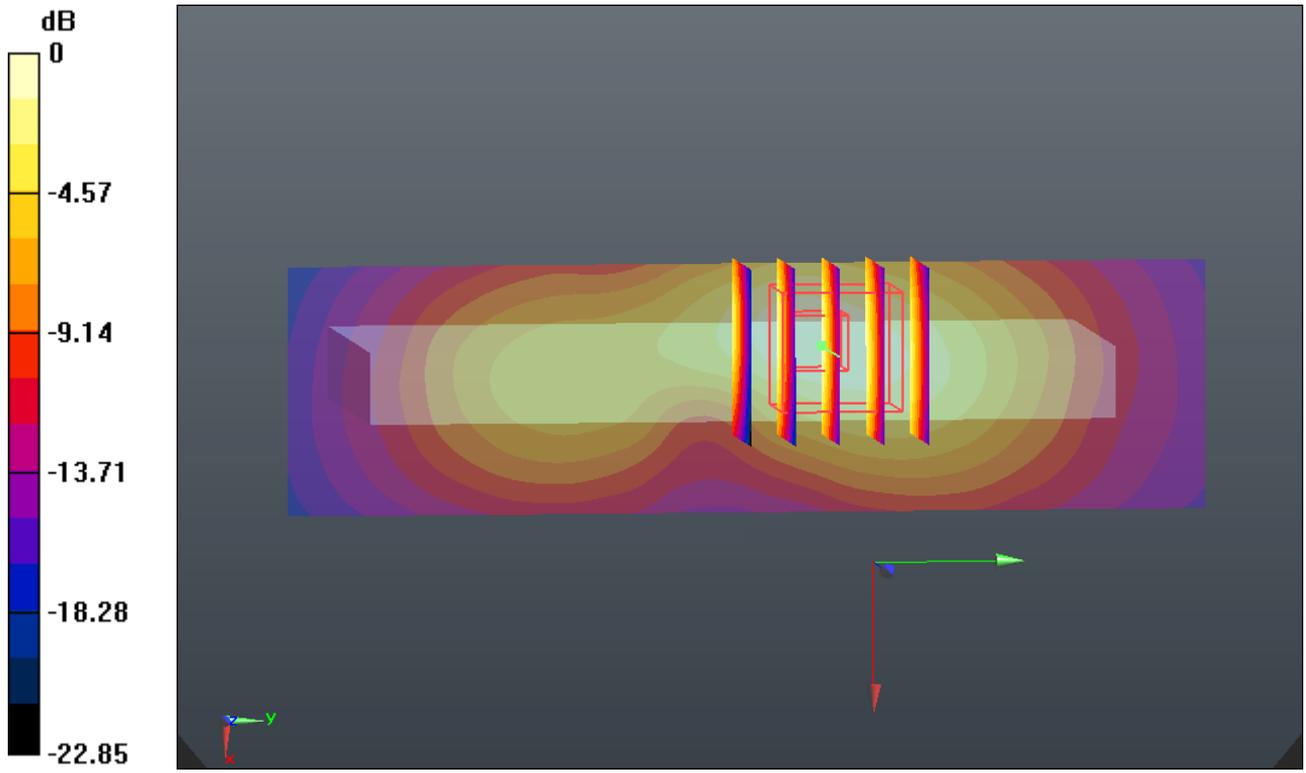
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.591 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.726 W/kg

SAR(1 g) = 0.939 mW/g; SAR(10 g) = 0.490 mW/g

Maximum value of SAR (measured) = 1.049 mW/g



#91 LTE Band 25_16QAM(25 13)_10M_Left Side_1cm_Ch26640

DUT: 270201

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.575$ mho/m; $\epsilon_r =$

54.611 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26640/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.607 mW/g

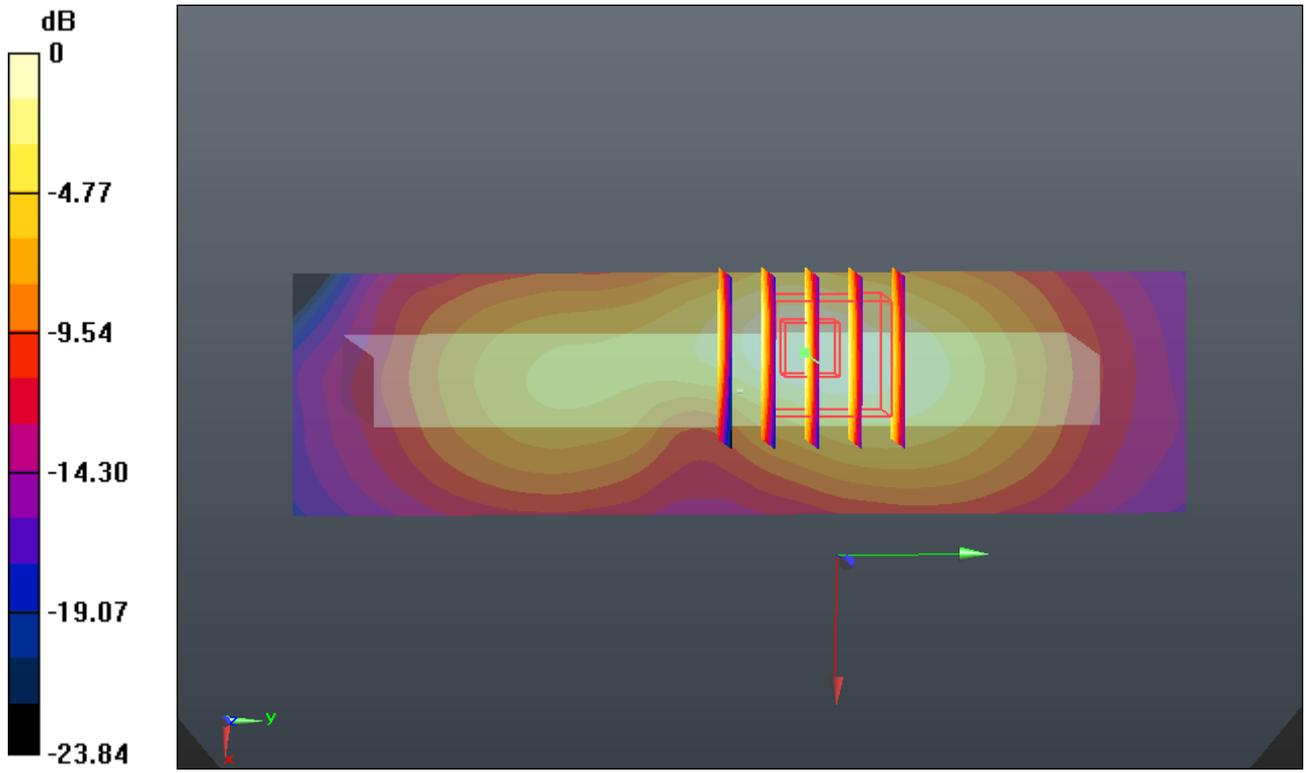
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.069 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.007 W/kg

SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.286 mW/g

Maximum value of SAR (measured) = 0.614 mW/g



0 dB = 0.610mW/g

#96 LTE Band 25_16QAM(1 0)_10M_Left Side_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.828 mW/g

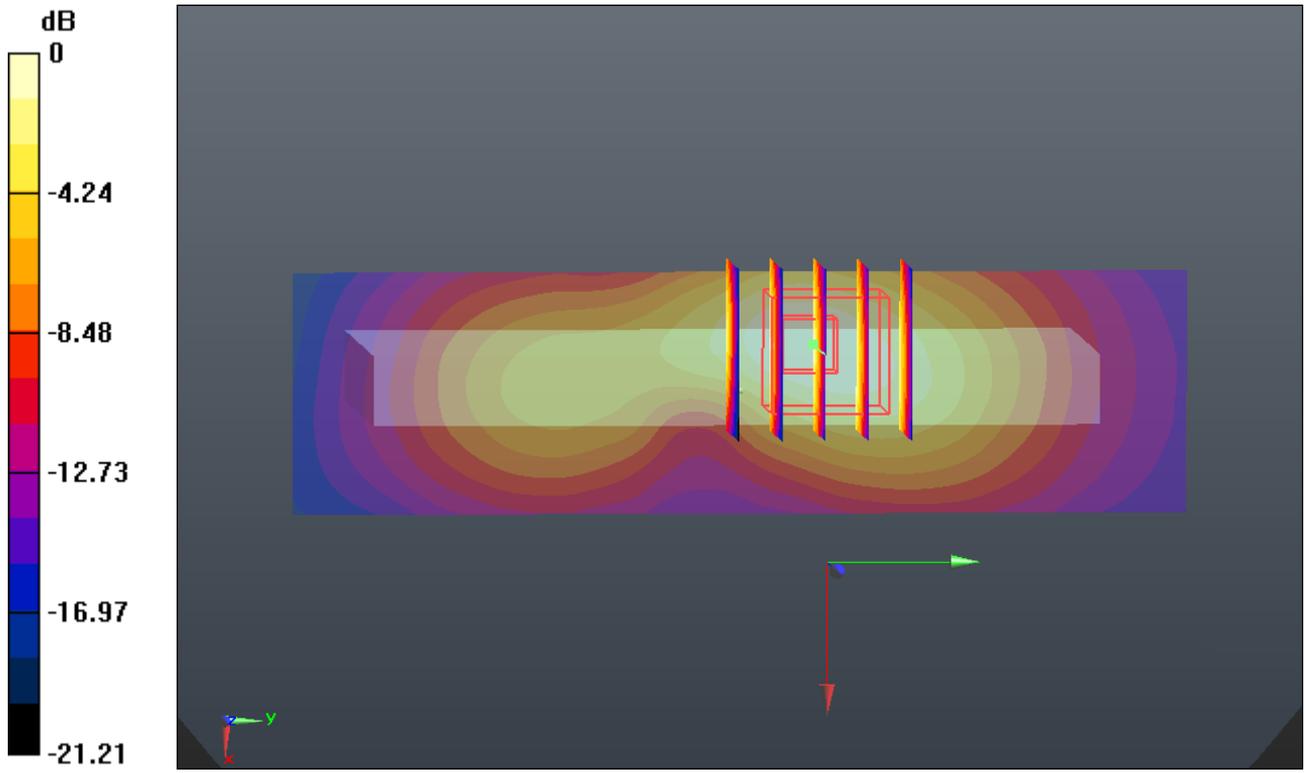
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.129 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.287 W/kg

SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.383 mW/g

Maximum value of SAR (measured) = 0.805 mW/g



0 dB = 0.810mW/g

#101 LTE Band 25_16QAM(1 49)_10M_Left Side_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.845 mW/g

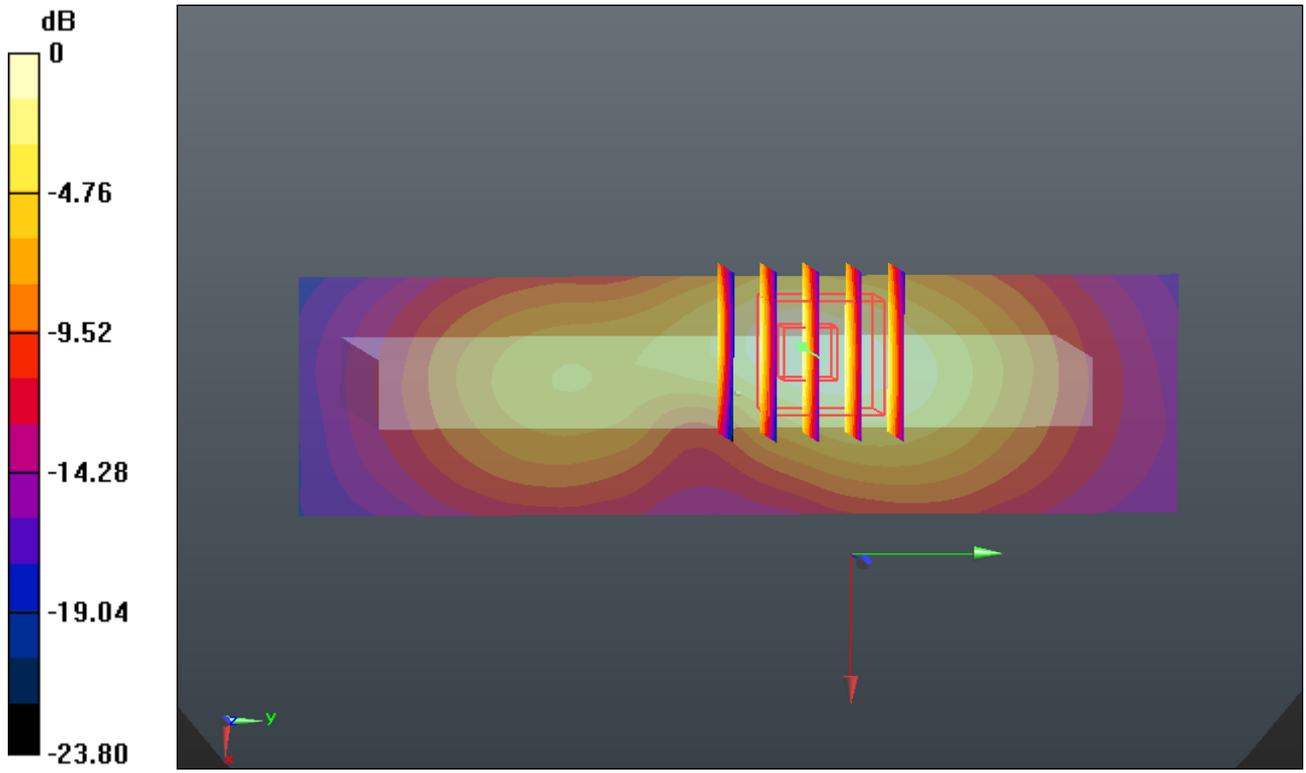
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.111 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.366 W/kg

SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.393 mW/g

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



0 dB = 0.870mW/g

#77 LTE Band 25_QPSK(25 13)_10M_Bottom Side_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.066 mW/g

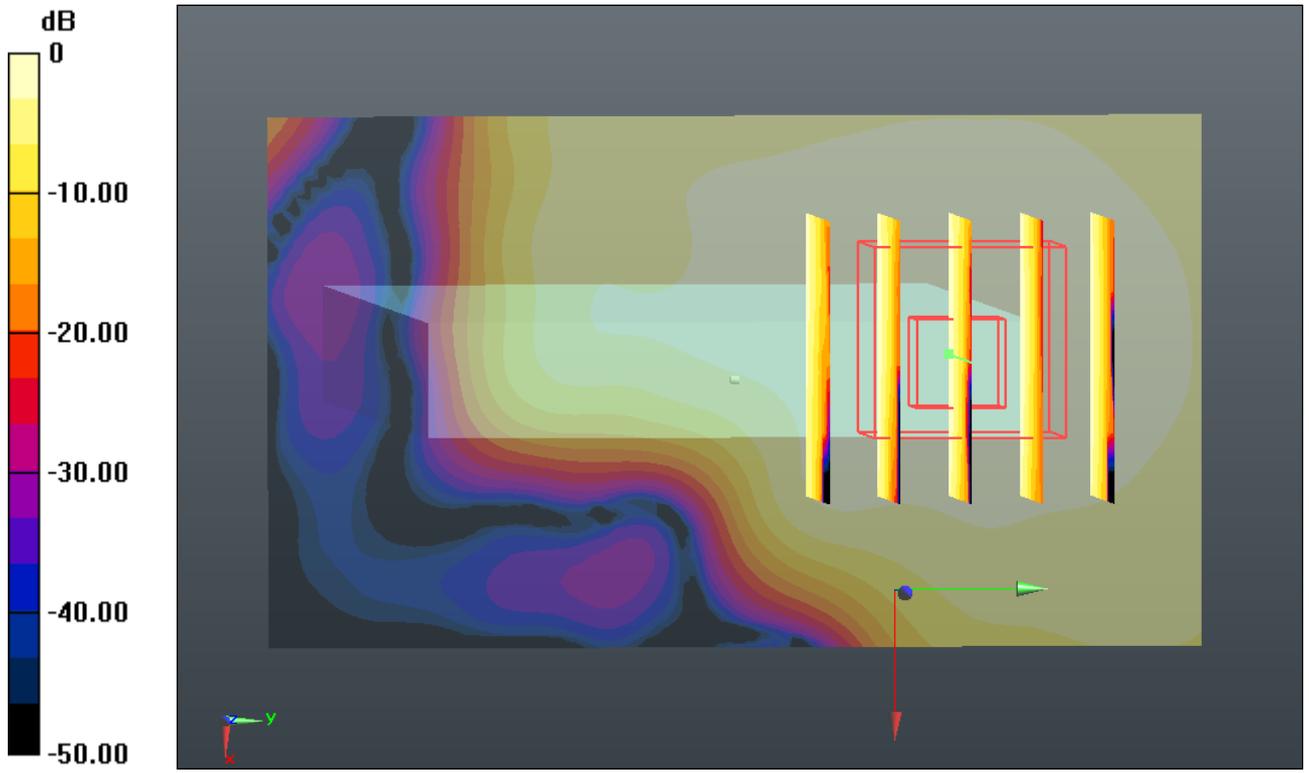
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.035 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.095 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.062 mW/g



0 dB = 0.060mW/g

#82 LTE Band 25_QPSK(1 0)_10M_Bottom Side_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.086 mW/g

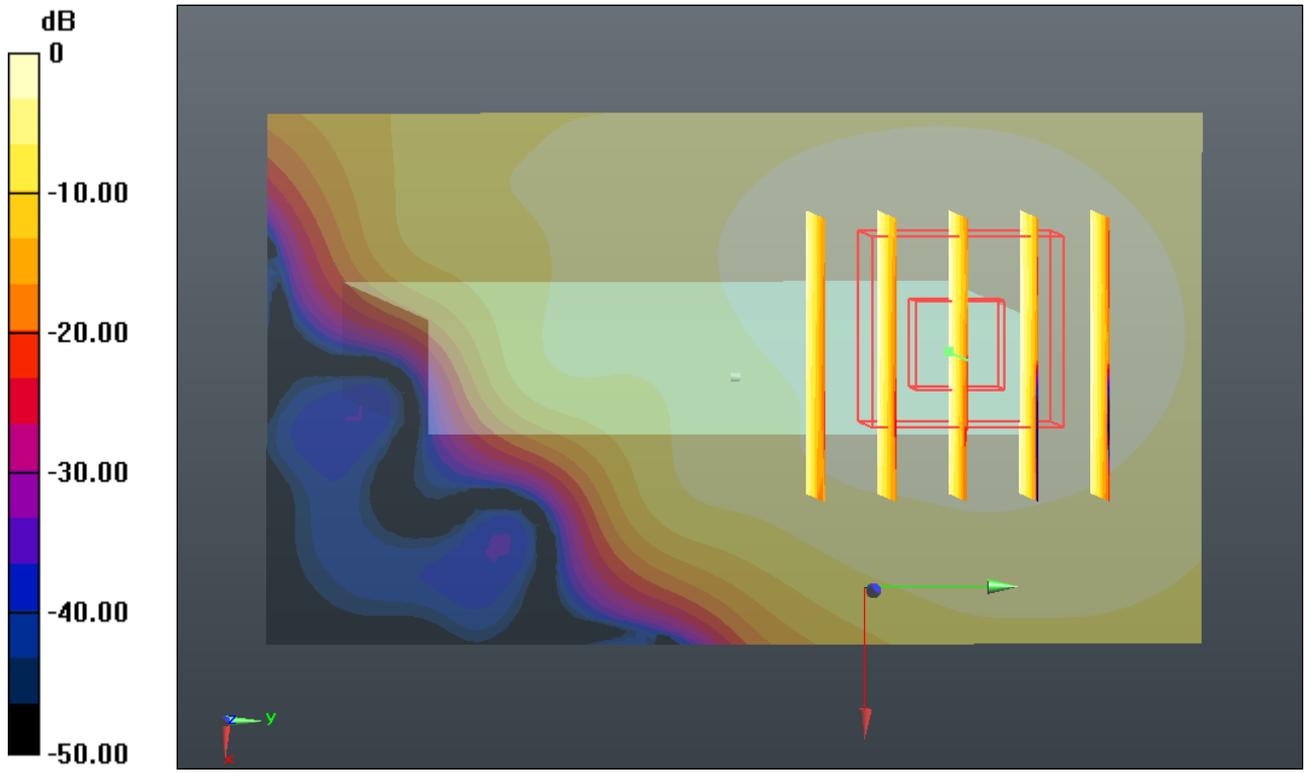
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.489 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.131 W/kg

SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.086 mW/g



0 dB = 0.090mW/g

#87 LTE Band 25_QPSK(1 49)_10M_Bottom Side_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.088 mW/g

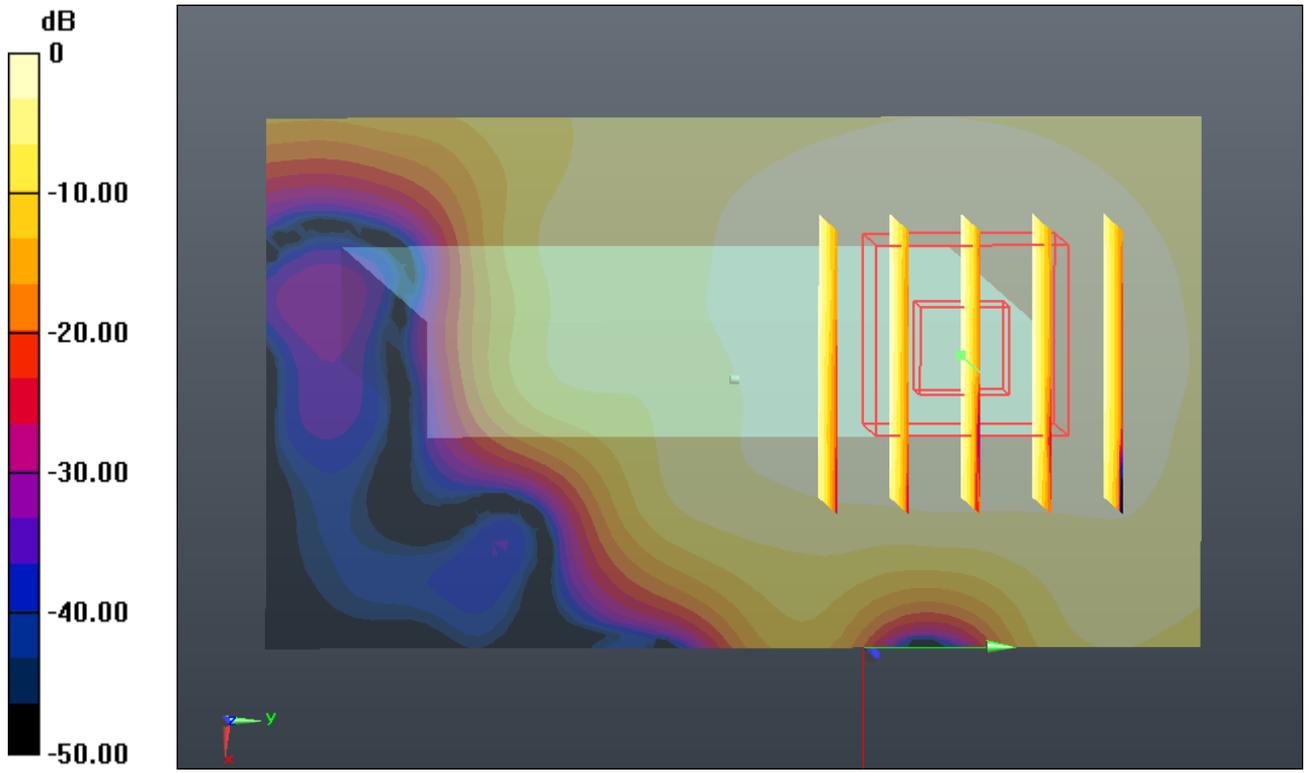
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.903 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.091 mW/g



0 dB = 0.090mW/g

#92 LTE Band 25_16QAM(25 13)_10M_Bottom Side_1cm_Ch26640

DUT: 270201

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.575$ mho/m; $\epsilon_r =$

54.611 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26640/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.052 mW/g

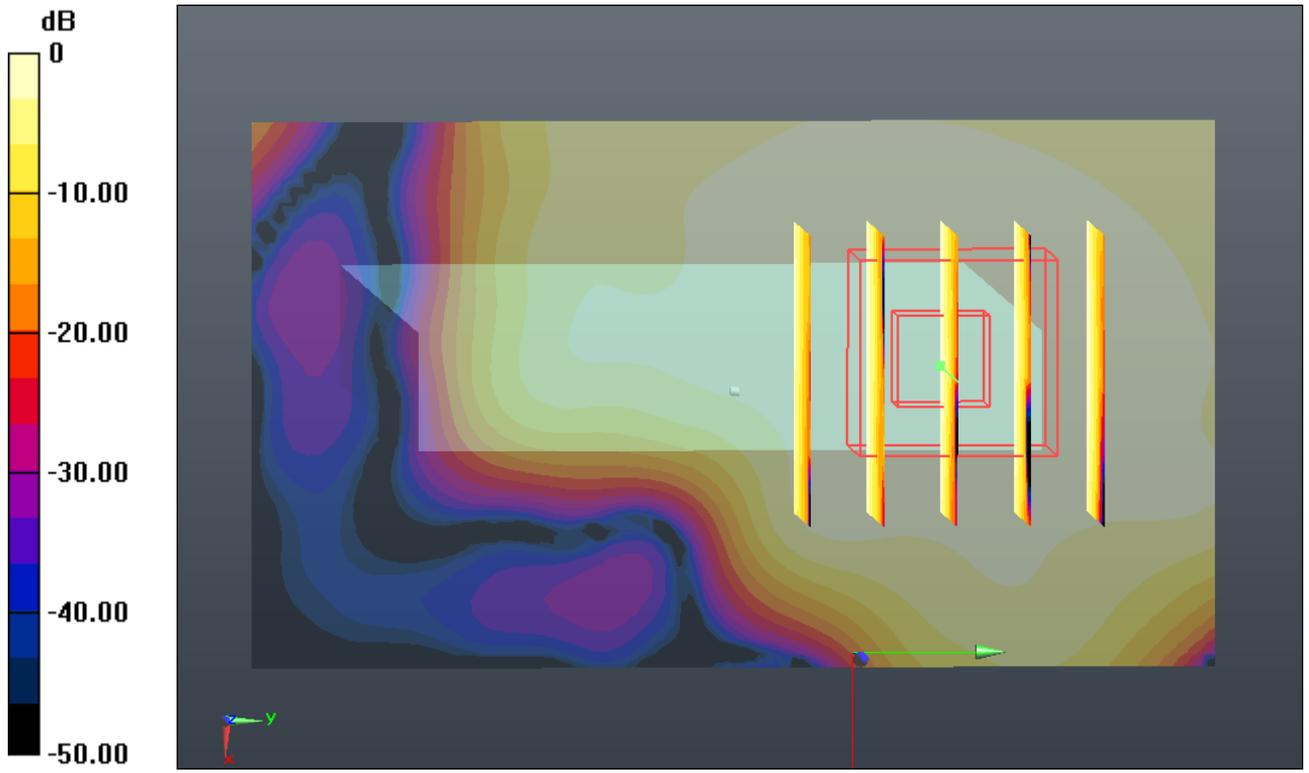
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.224 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.088 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.053 mW/g



0 dB = 0.050mW/g

#97 LTE Band 25_16QAM(1 0)_10M_Bottom Side_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.059 mW/g

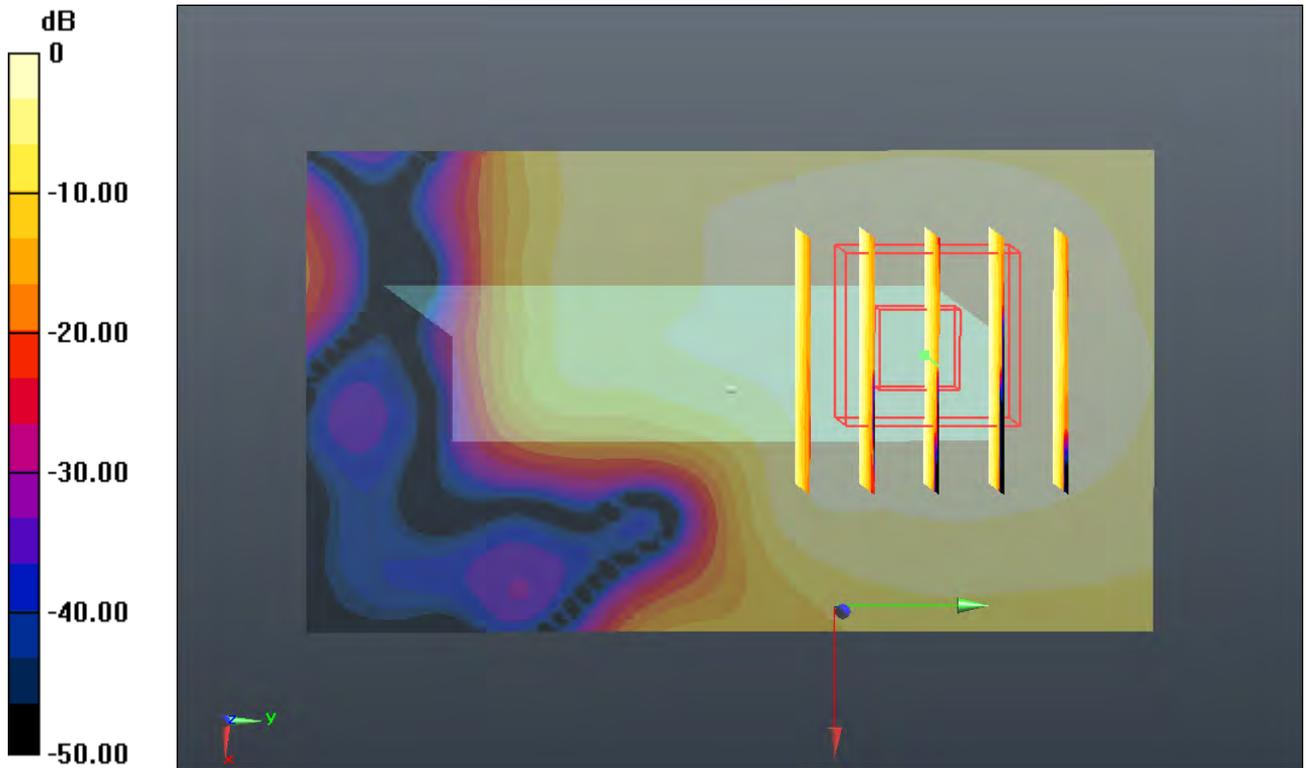
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.028 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.090 W/kg

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.061 mW/g



#102 LTE Band 25_16QAM(1 49)_10M_Bottom Side_1cm_Ch26365

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.060 mW/g

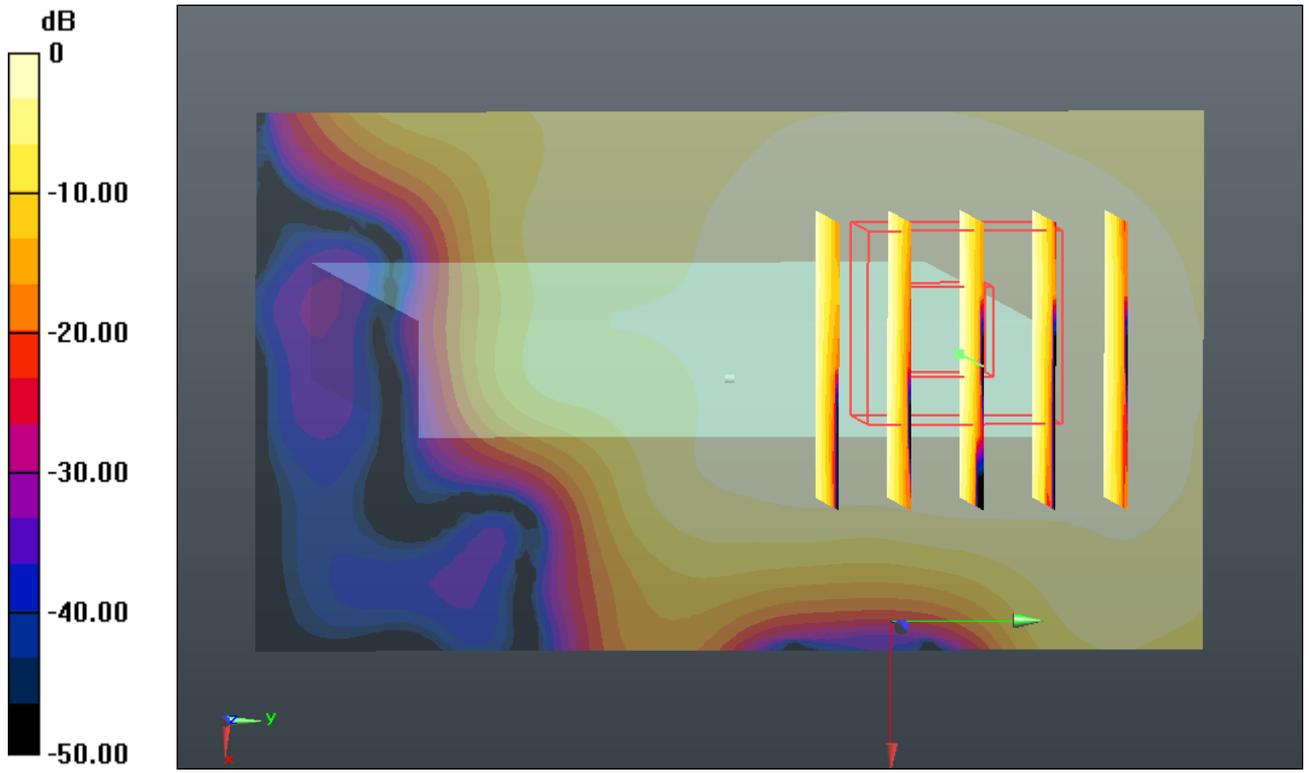
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.260 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.096 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.063 mW/g



0 dB = 0.060mW/g

#104 802.11b_Front_1cm_1M_Ch11

DUT: 270201

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

Medium: MSL_2450_120831 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.983$ mho/m; $\epsilon_r =$

52.031 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00234 mW/g

Maximum value of SAR (measured) = 0.095 mW/g

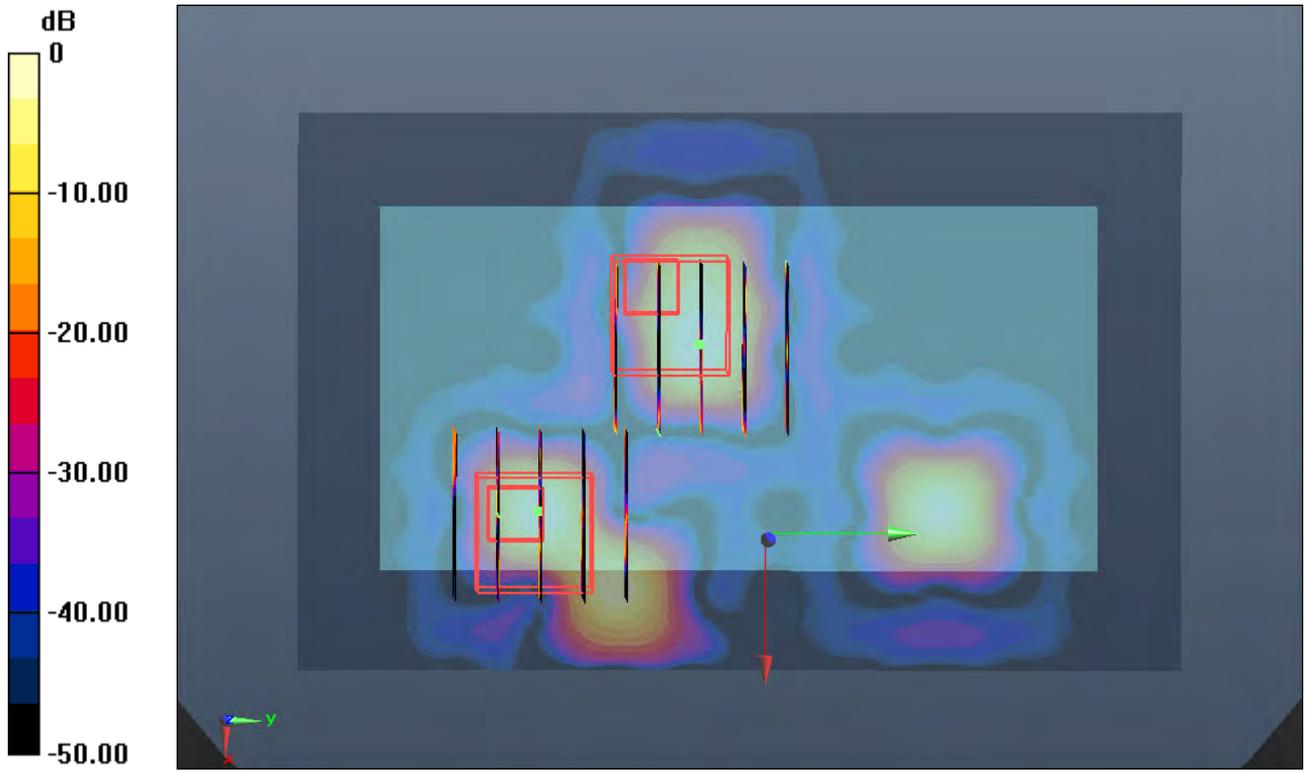
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.069 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00312 mW/g

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



0 dB = 0.070mW/g

#105 802.11b_Back_1cm_1M_Ch11

DUT: 270201

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

Medium: MSL_2450_120831 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.983$ mho/m; $\epsilon_r = 52.031$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.064 mW/g

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

Reference Value = 3.653 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.109 mW/g

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.062 mW/g

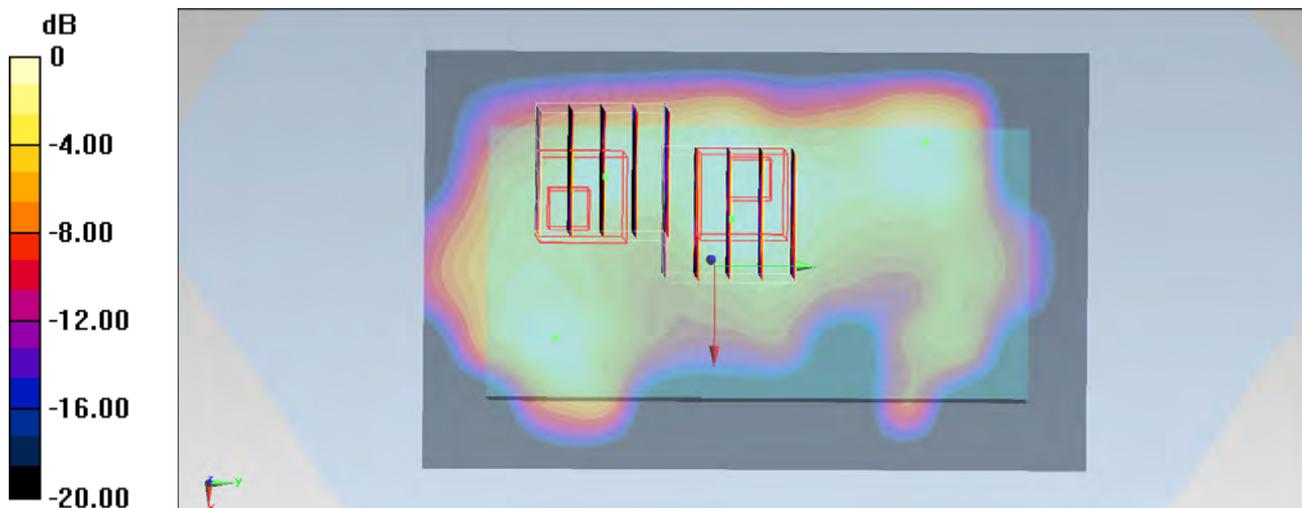
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.653 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.082 mW/g

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.048 mW/g



0 dB = 0.050 mW/g

#105 802.11b_Back_1cm_1M_Ch11_2D

DUT: 270201

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

Medium: MSL_2450_120831 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.983$ mho/m; $\epsilon_r =$

52.031 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.064 mW/g

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

Reference Value = 3.653 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.062 mW/g

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

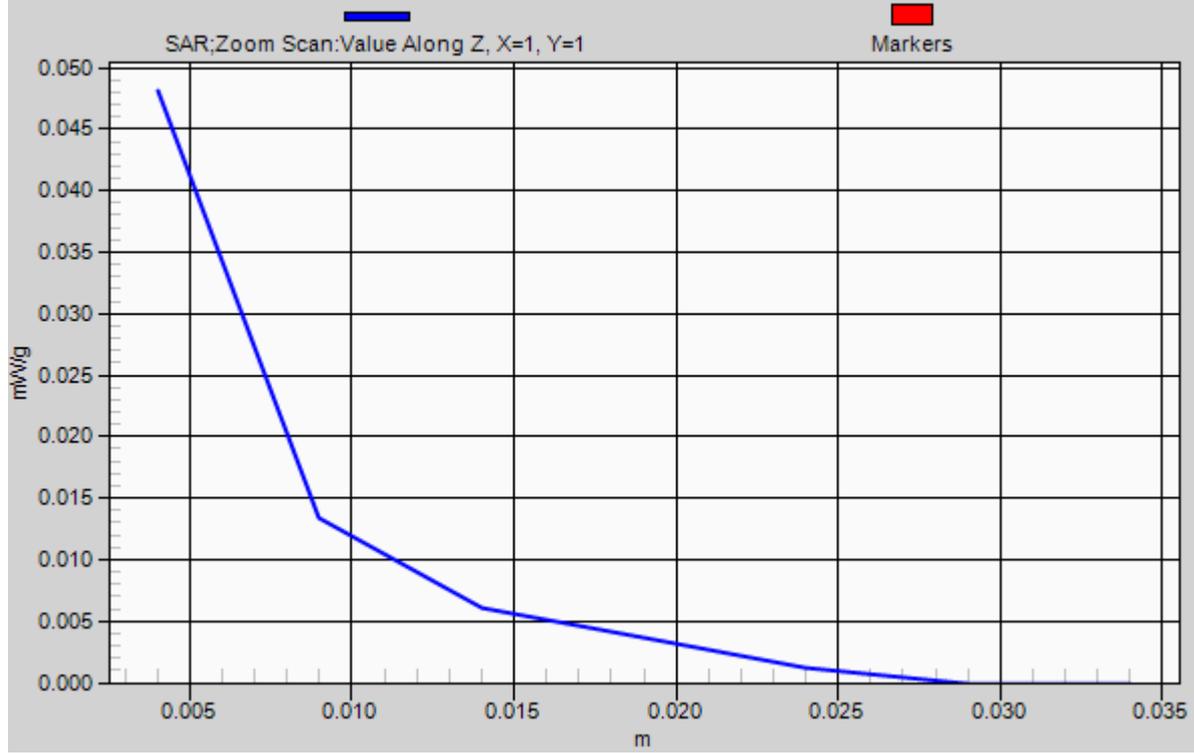
Reference Value = 3.653 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.082 W/kg

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.048 mW/g

1g/10g Averaged SAR



#106 802.11b_Right Side_1cm_1M_Ch11

DUT: 270201

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

Medium: MSL_2450_120831 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.983$ mho/m; $\epsilon_r =$

52.031 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.066 mW/g

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

Reference Value = 3.832 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.078 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.028 mW/g

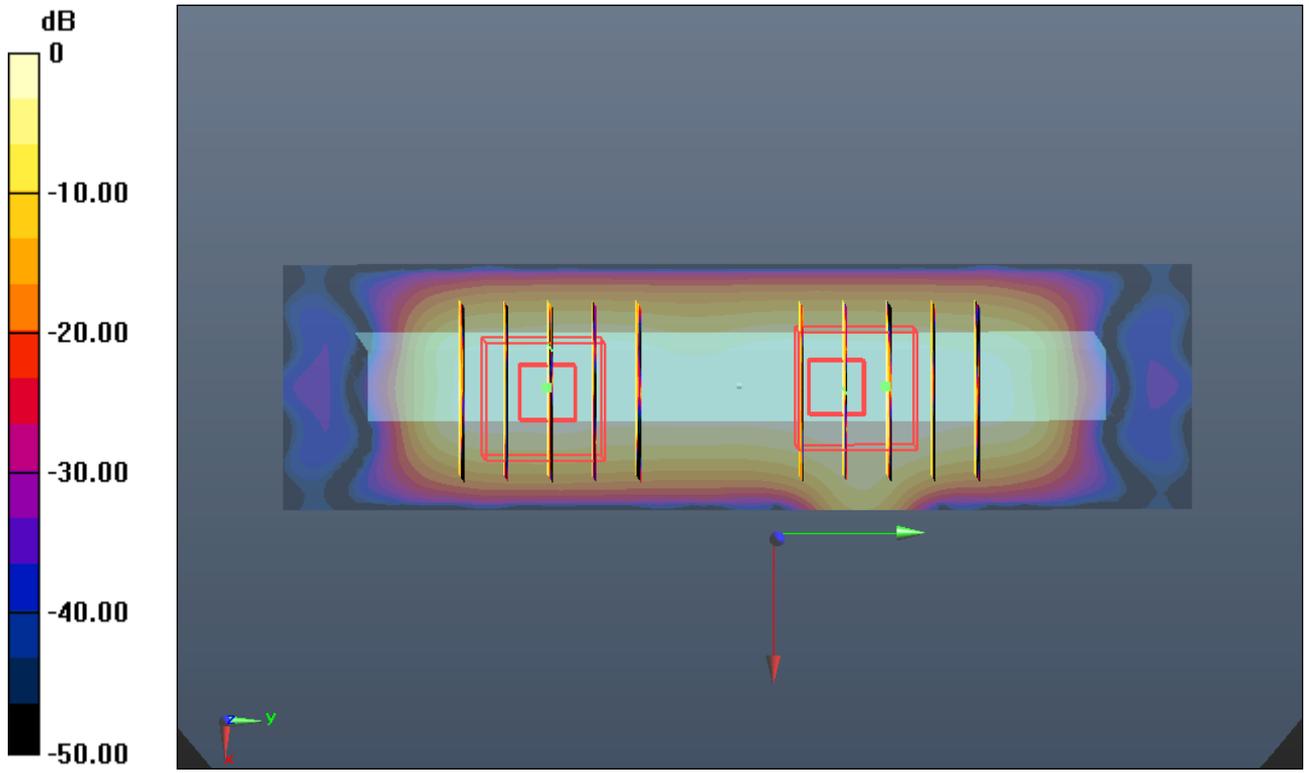
Configuration/Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.832 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.061 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.041 mW/g



0 dB = 0.040mW/g

#41 CDMA2000 BC0_RC3 SO32_Front_1cm_Ch777

DUT: 270201

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

Medium: MSL_835_120825 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r =$

54.284 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.325 mW/g

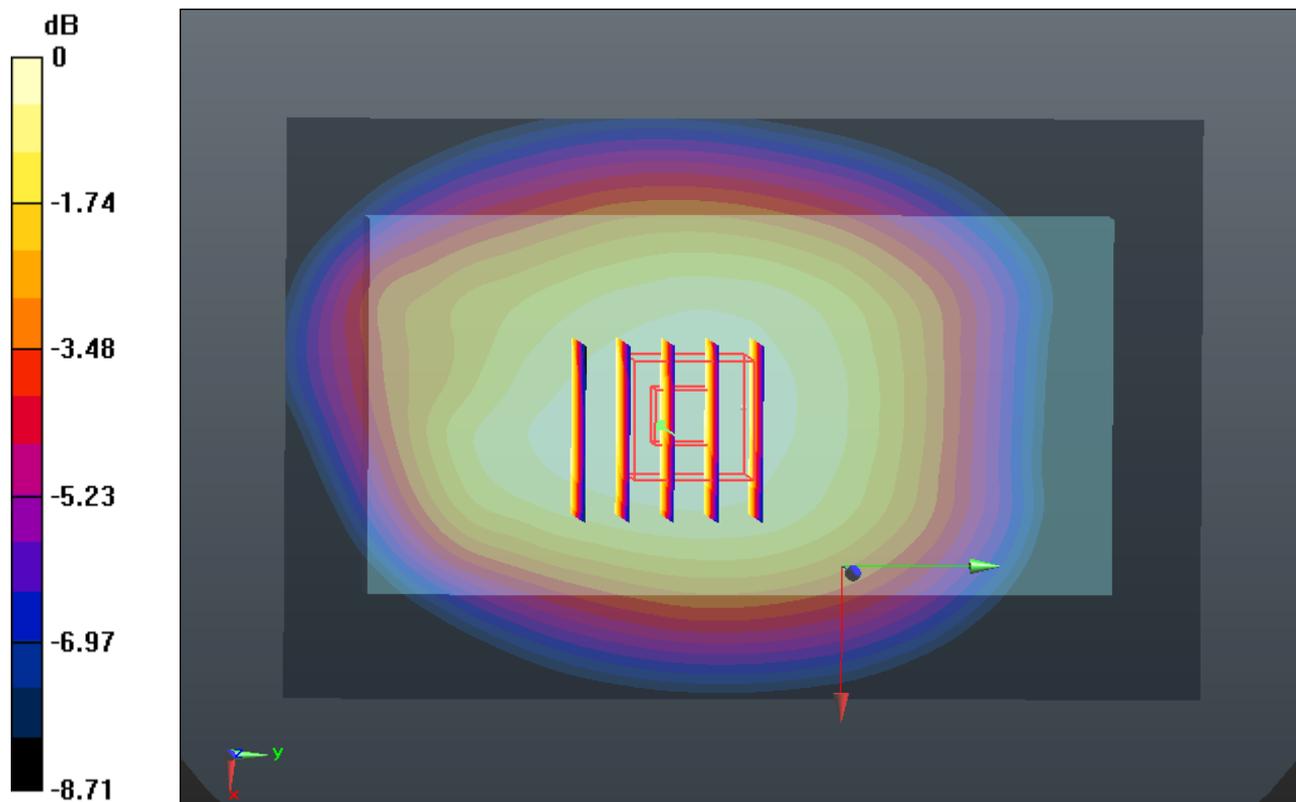
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.208 V/m; Power Drift = 0.0099 dB

Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.244 mW/g

Maximum value of SAR (measured) = 0.328 mW/g



#42 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch777

DUT: 270201

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

Medium: MSL_835_120825 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r =$

54.284 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.464 mW/g

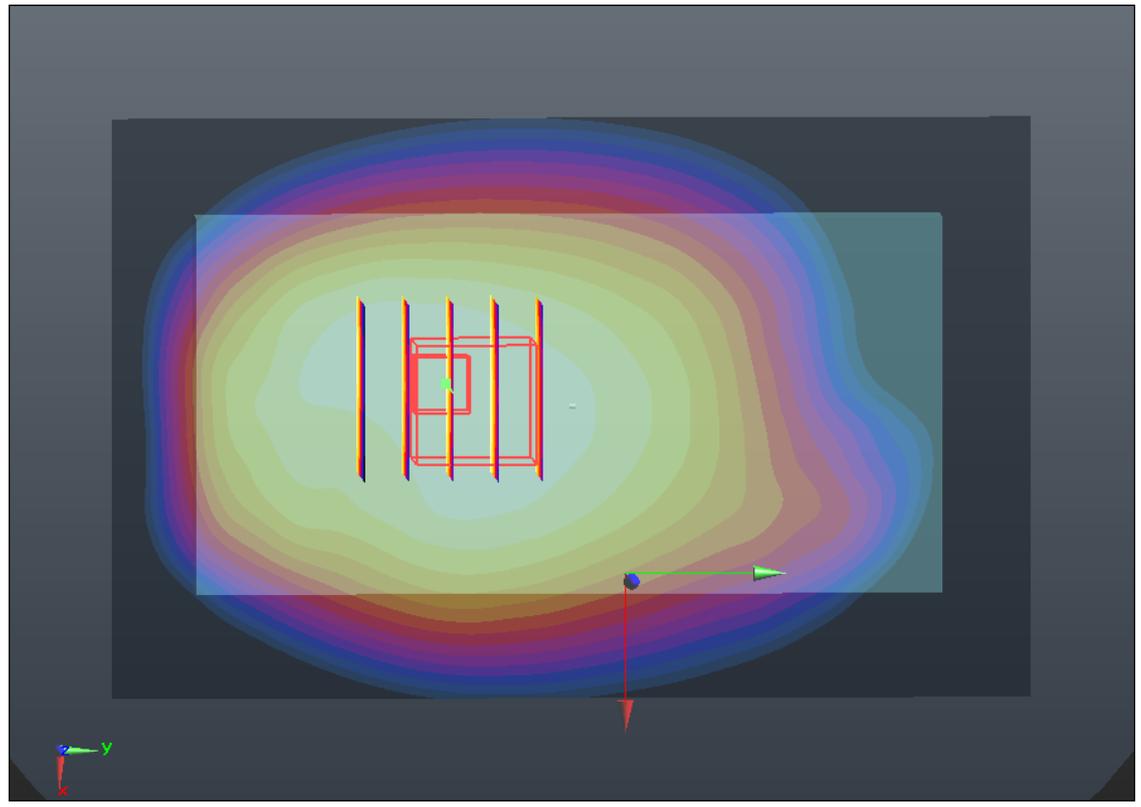
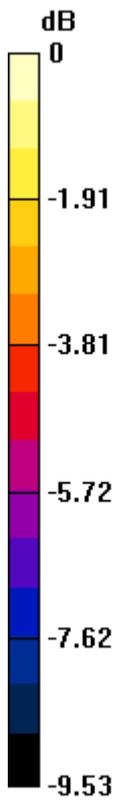
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.551 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.337 mW/g

Maximum value of SAR (measured) = 0.460 mW/g



0 dB = 0.460mW/g

#42 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch777_2D

DUT: 270201

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

Medium: MSL_835_120825 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r =$

54.284 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.464 mW/g

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

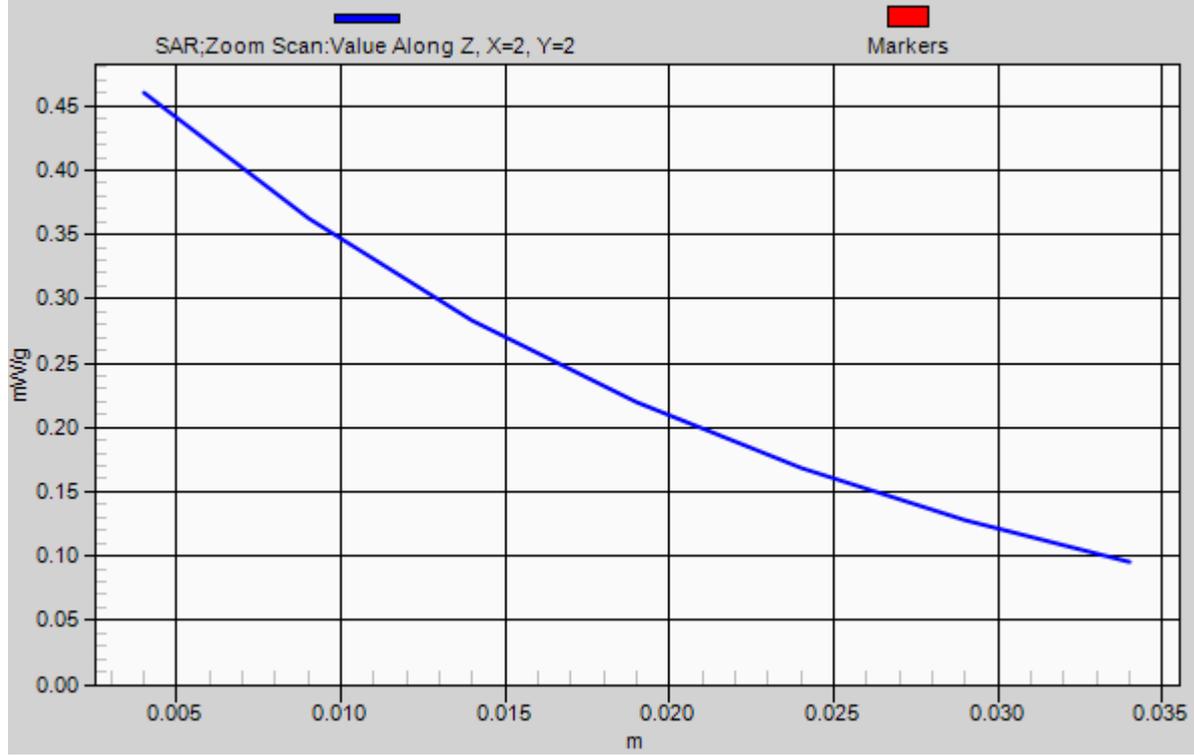
Reference Value = 20.551 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.337 mW/g

Maximum value of SAR (measured) = 0.460 mW/g

1g/10g Averaged SAR



#126 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch777

DUT: 270201

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

Medium: MSL_835_120901 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r =$

54.245 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.081 mW/g

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

Reference Value = 8.491 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.094 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.059 mW/g

Maximum value of SAR (measured) = 0.082 mW/g

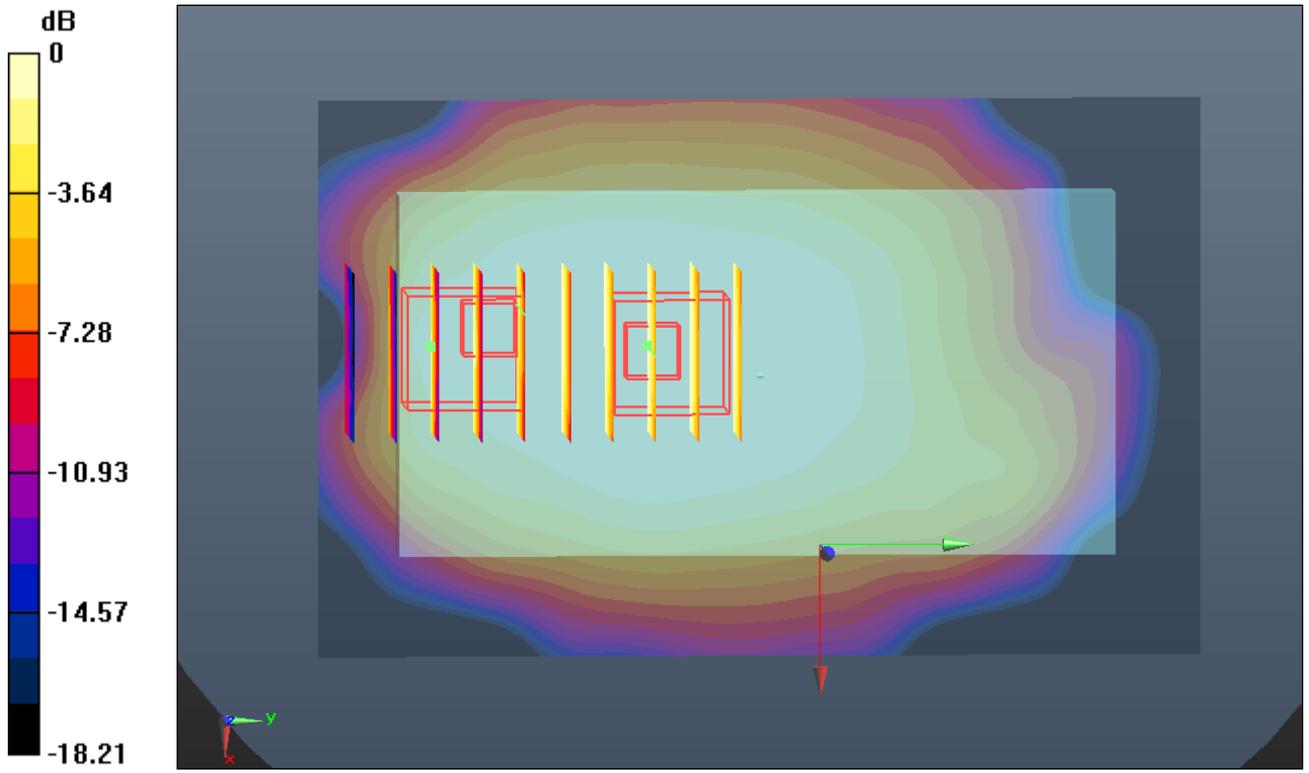
Configuration/Ch777/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.491 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.083 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.067 mW/g



0 dB = 0.070mW/g

#46 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch777_Headset

DUT: 270201

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

Medium: MSL_835_120825 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r =$

54.284 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

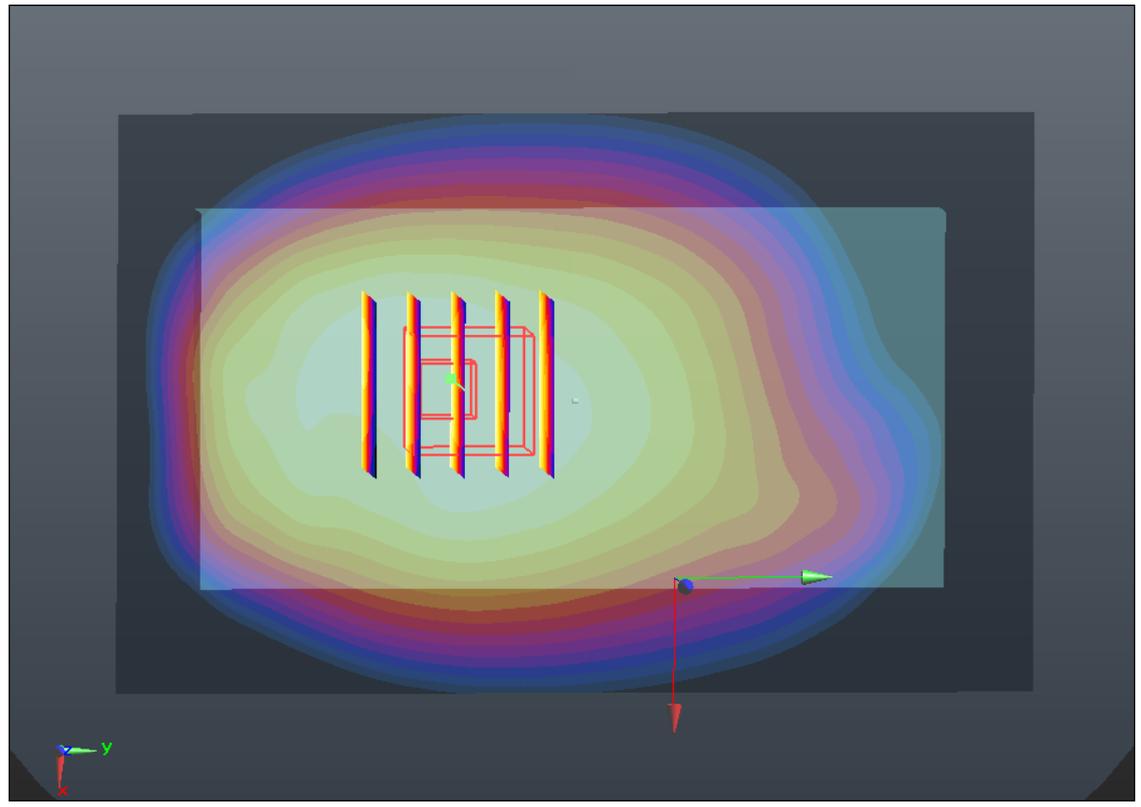
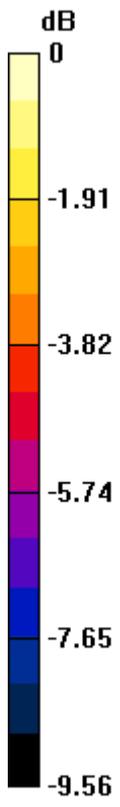
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.122 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.321 mW/g

Maximum value of SAR (measured) = 0.442 mW/g



0 dB = 0.440mW/g

#127 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch777_Headset

DUT: 270201

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

Medium: MSL_835_120901 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r =$

54.245 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.059 mW/g

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

Reference Value = 7.254 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.071 W/kg

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.059 mW/g

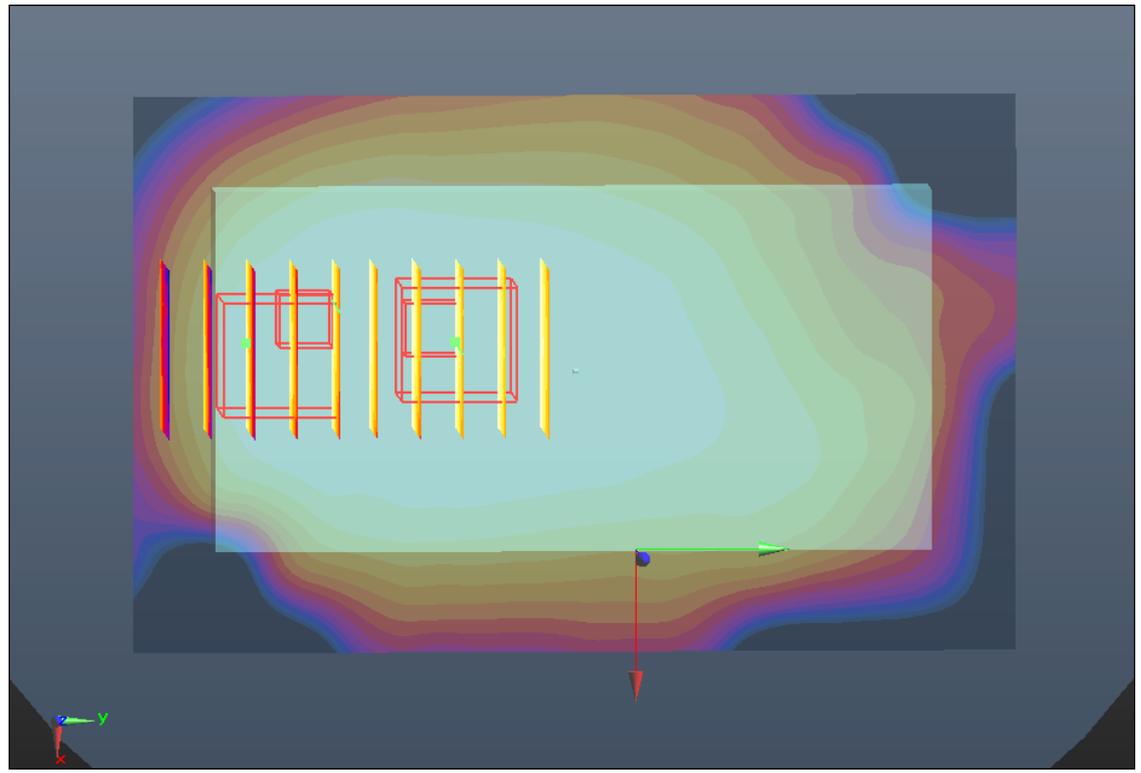
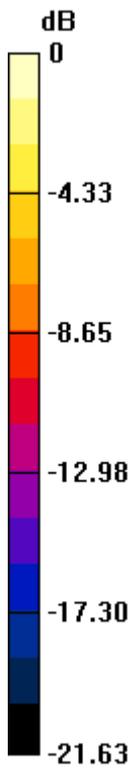
Ch777/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.254 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.073 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.052 mW/g



0 dB = 0.050mW/g

#146 CDMA2000 BC0_RETAP 4096_Back_1cm_Ch777

DUT: 2702012

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

Medium: MSL_835_121012 Medium parameters used: $f = 848.31$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53.358$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.499 mW/g

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

Reference Value = 21.066 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.583 W/kg

SAR(1 g) = 0.470 mW/g; SAR(10 g) = 0.356 mW/g

Maximum value of SAR (measured) = 0.494 mW/g

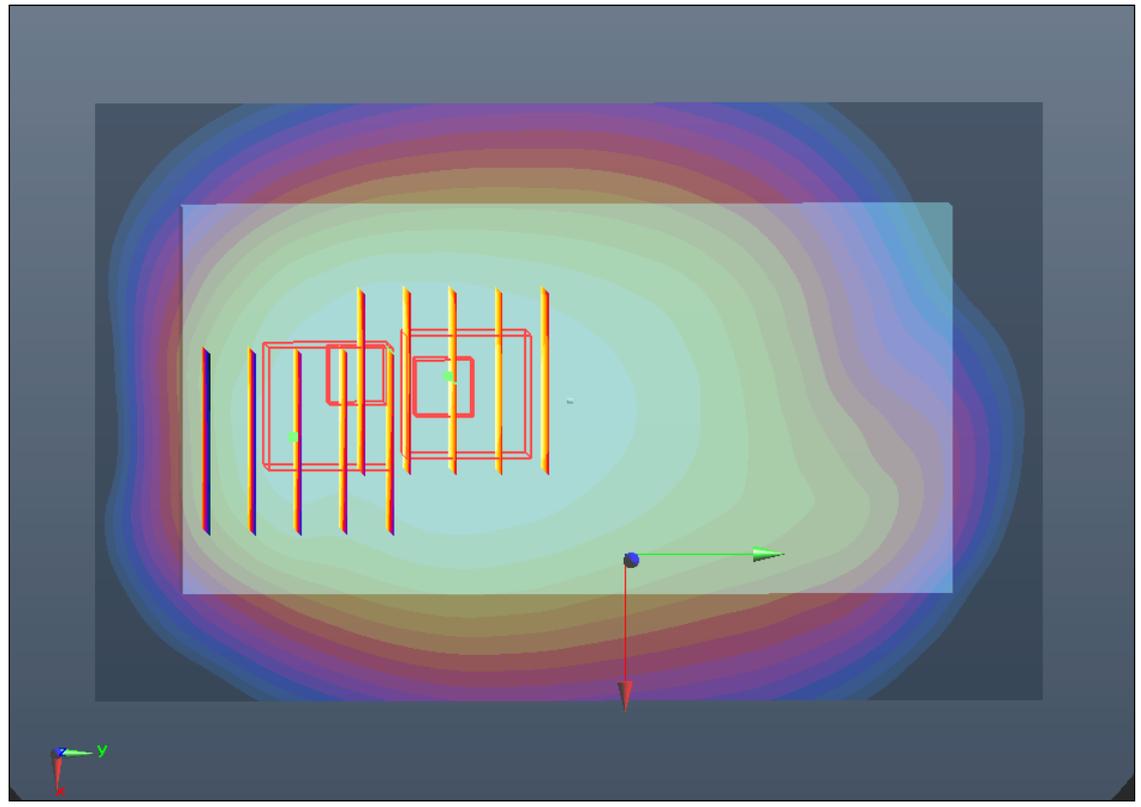
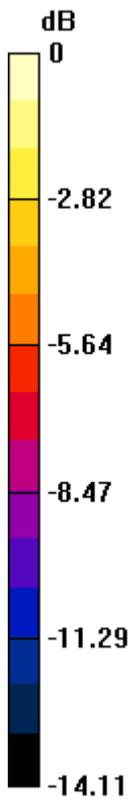
Ch777/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.066 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.609 W/kg

SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.282 mW/g

Maximum value of SAR (measured) = 0.468 mW/g



0 dB = 0.470mW/g

#146 CDMA2000 BC0_RETAP 4096_Back_1cm_Ch777_2D

DUT: 2702012

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

Medium: MSL_835_121012 Medium parameters used: $f = 848.31$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53.358$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.499 mW/g

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

Reference Value = 21.066 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.583 W/kg

SAR(1 g) = 0.470 mW/g; SAR(10 g) = 0.356 mW/g

Maximum value of SAR (measured) = 0.494 mW/g

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

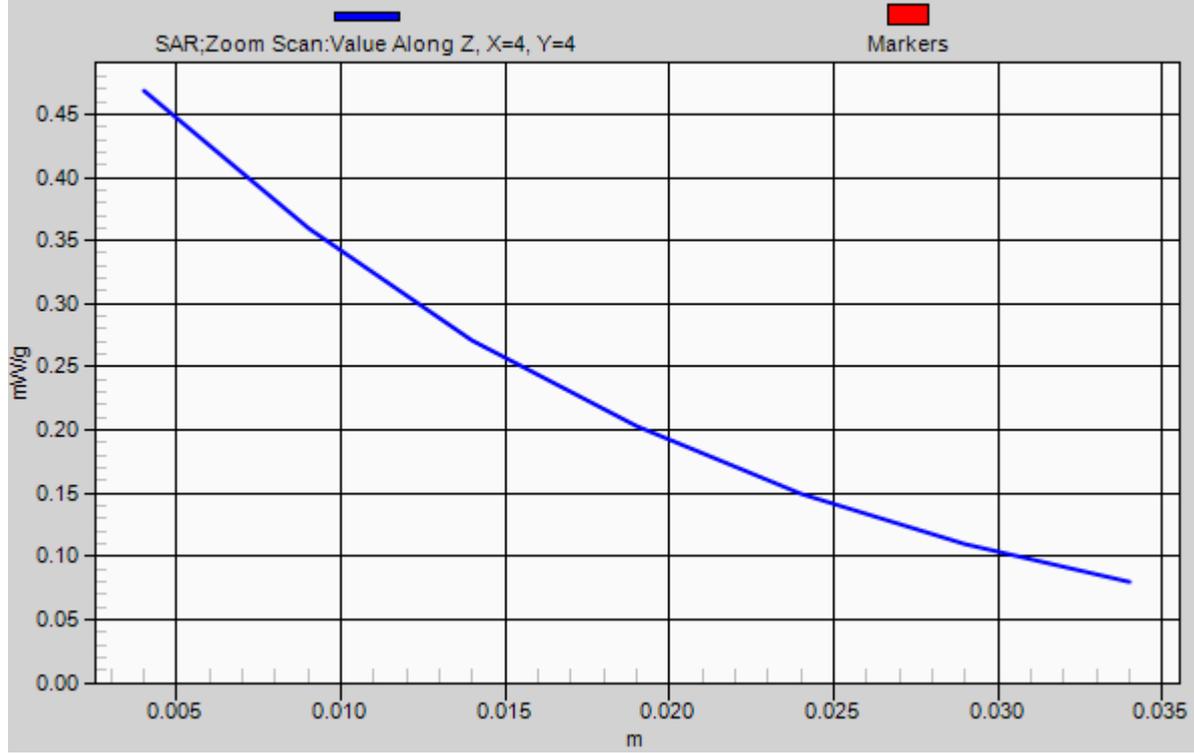
Reference Value = 21.066 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.609 W/kg

SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.282 mW/g

Maximum value of SAR (measured) = 0.468 mW/g

1g/10g Averaged SAR



#57 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch25

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r =$

52.574 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.792 mW/g

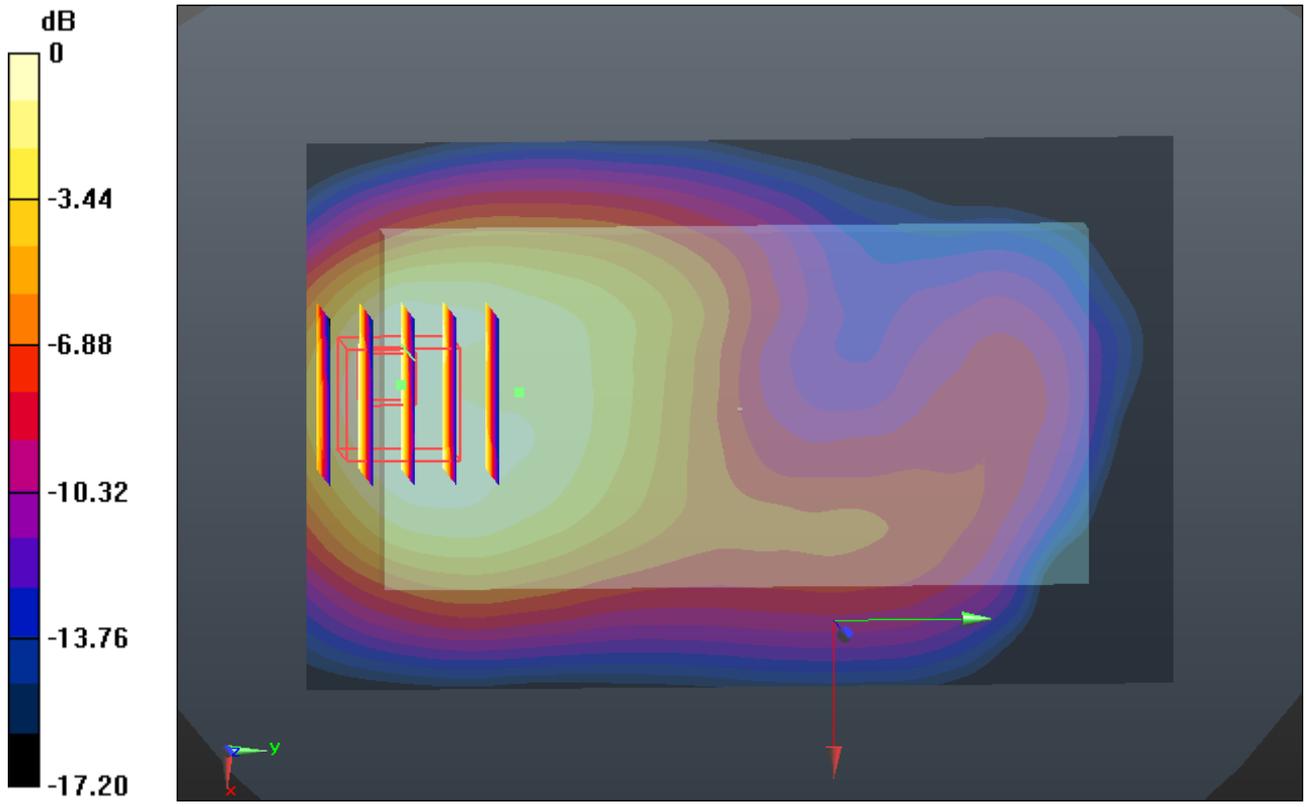
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.288 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.115 W/kg

SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.407 mW/g

Maximum value of SAR (measured) = 0.734 mW/g



0 dB = 0.730mW/g

#52 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch600

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$

52.468; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.030 mW/g

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

Reference Value = 11.675 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.518 W/kg

SAR(1 g) = 0.900 mW/g; SAR(10 g) = 0.524 mW/g

Maximum value of SAR (measured) = 0.975 mW/g

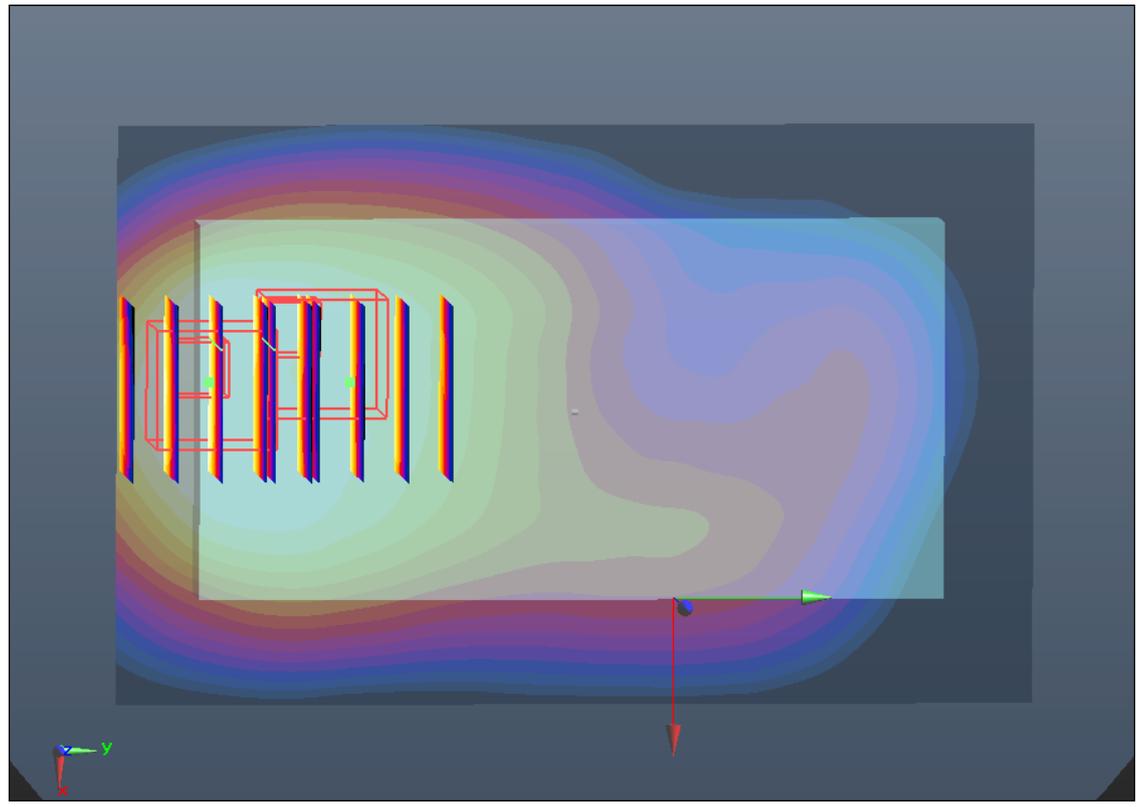
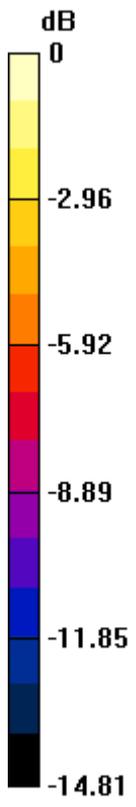
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.675 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.172 W/kg

SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.408 mW/g

Maximum value of SAR (measured) = 0.797 mW/g



0 dB = 0.800mW/g

#108 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch1175

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.542$ mho/m; $\epsilon_r =$

52.376 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.990 mW/g

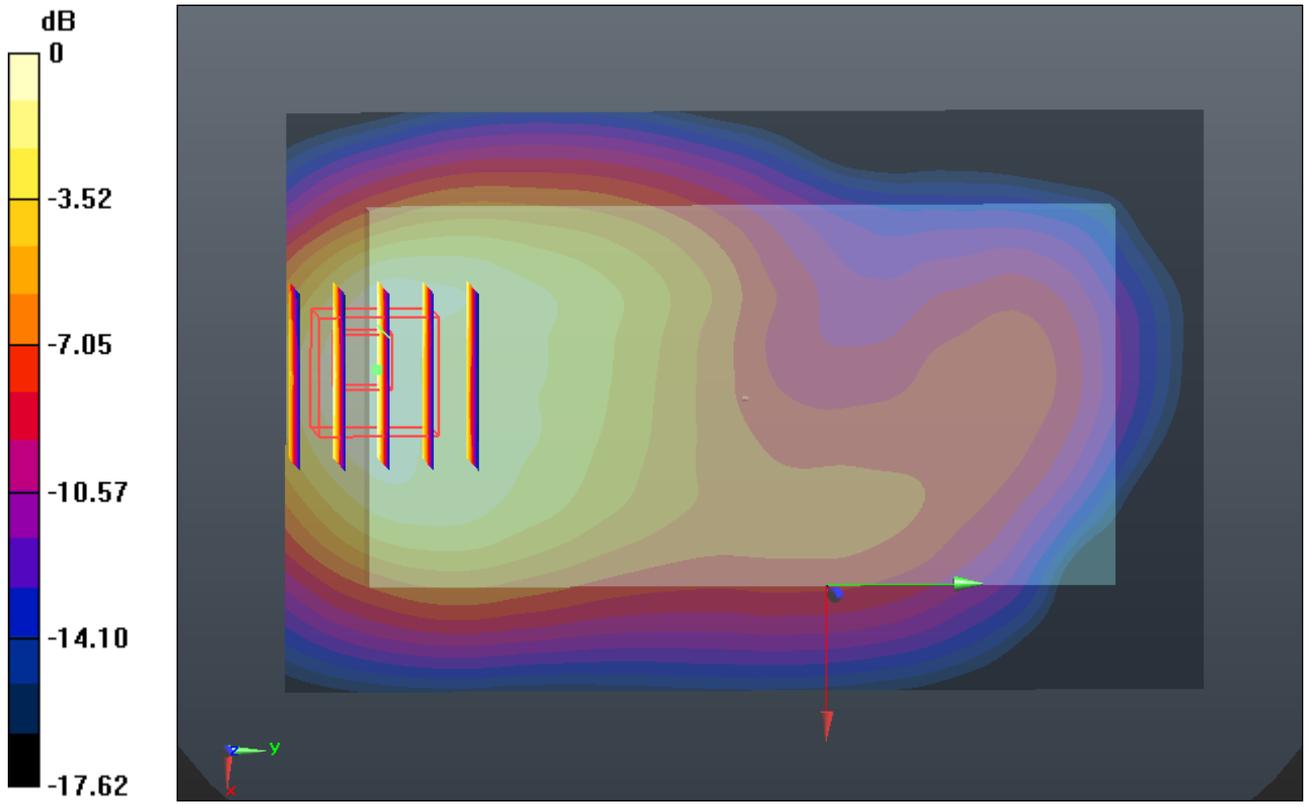
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.077 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.464 W/kg

SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.497 mW/g

Maximum value of SAR (measured) = 0.942 mW/g



0 dB = 0.940mW/g

#109 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r =$

52.574 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.062 mW/g

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

Reference Value = 11.563 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.668 W/kg

SAR(1 g) = 0.998 mW/g; SAR(10 g) = 0.592 mW/g

Maximum value of SAR (measured) = 1.096 mW/g

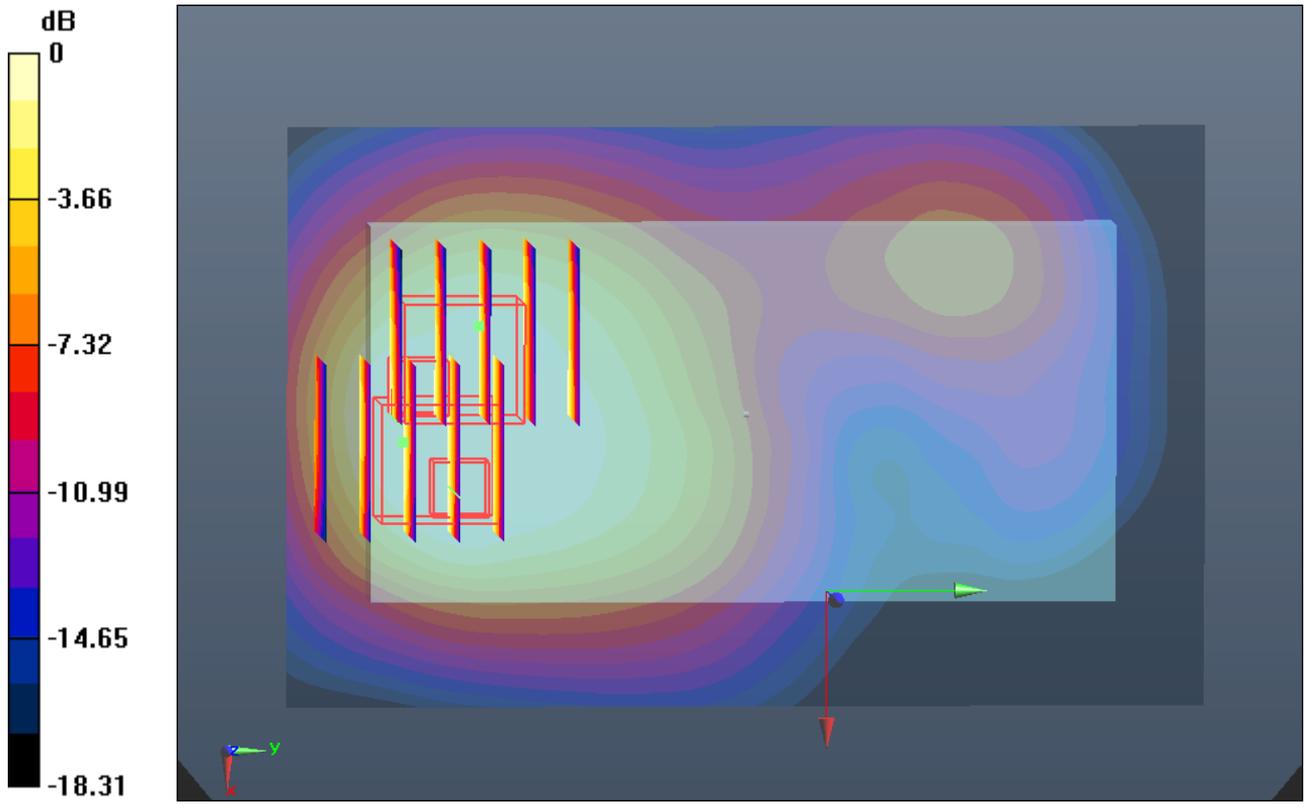
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.563 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.497 W/kg

SAR(1 g) = 0.852 mW/g; SAR(10 g) = 0.505 mW/g

Maximum value of SAR (measured) = 1.014 mW/g



0 dB = 1.010mW/g

#53 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r = 52.468$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.406 mW/g

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

Reference Value = 14.723 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.180 mW/g

SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.763 mW/g

Maximum value of SAR (measured) = 1.438 mW/g

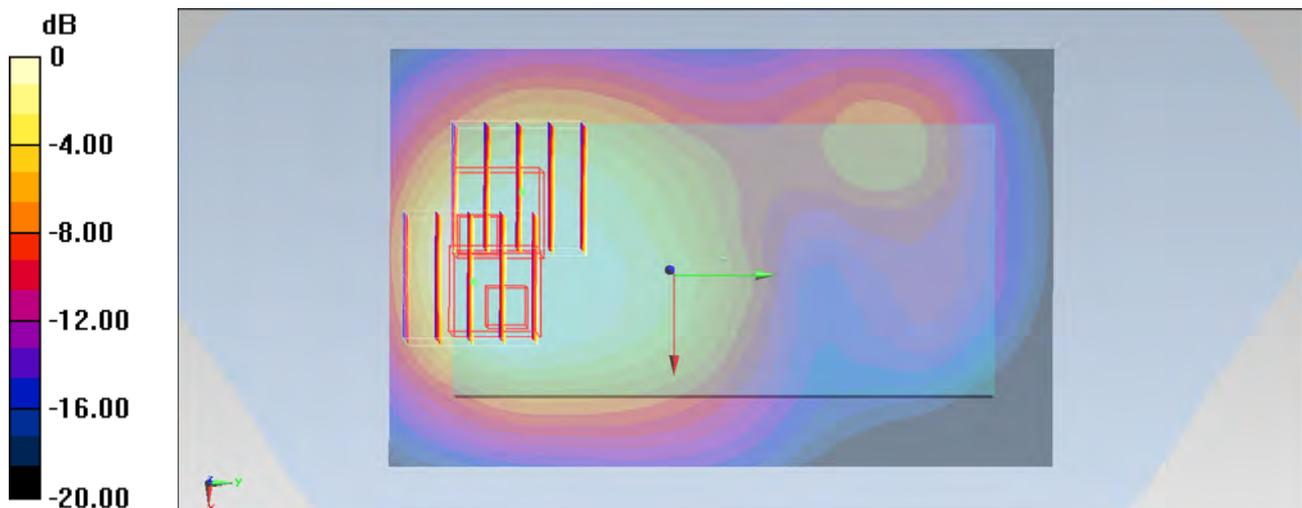
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.723 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.902 mW/g

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.615 mW/g

Maximum value of SAR (measured) = 1.248 mW/g



0 dB = 1.250 mW/g

#53 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600_2D

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$

52.468 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.406 mW/g

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

Reference Value = 14.723 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.180 W/kg

SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.763 mW/g

Maximum value of SAR (measured) = 1.438 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

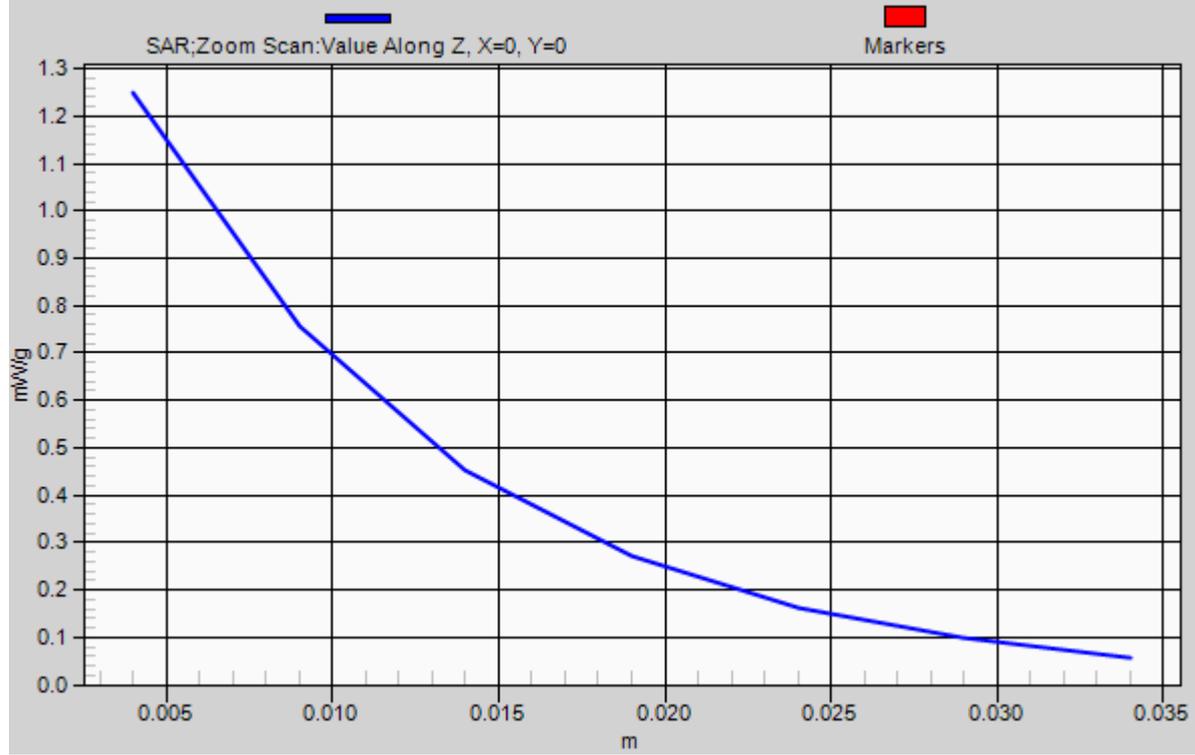
Reference Value = 14.723 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.902 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.615 mW/g

Maximum value of SAR (measured) = 1.248 mW/g

1g/10g Averaged SAR



#128 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600

DUT: 270201

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

Medium: MSL_1900_120901 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$

54.703 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.240 mW/g

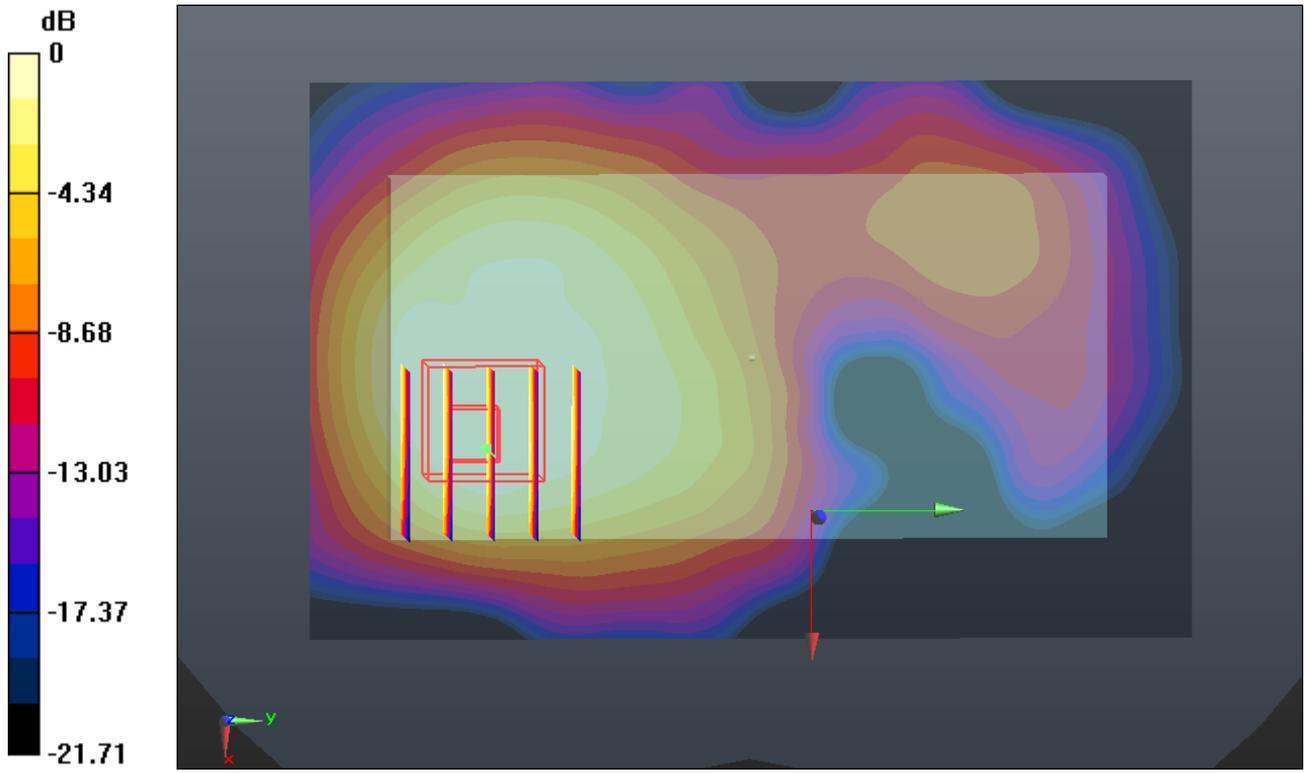
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.839 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.228 mW/g



0 dB = 0.230mW/g

#110 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch1175

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.542$ mho/m; $\epsilon_r =$

52.376 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.402 mW/g

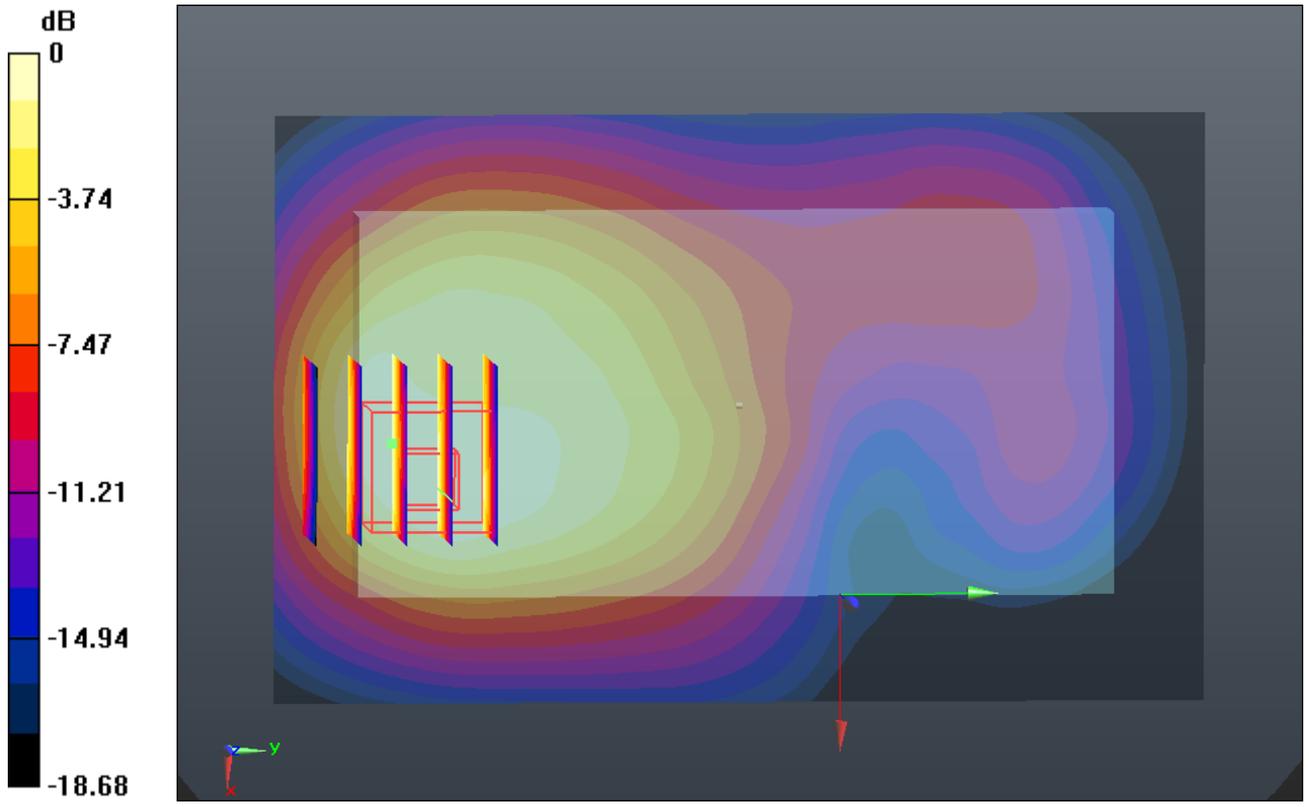
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.693 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.151 W/kg

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.741 mW/g

Maximum value of SAR (measured) = 1.404 mW/g



0 dB = 1.400mW/g

#111 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600_Headset

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$

52.468 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.518 mW/g

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

Reference Value = 12.953 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.142 W/kg

SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.770 mW/g

Maximum value of SAR (measured) = 1.430 mW/g

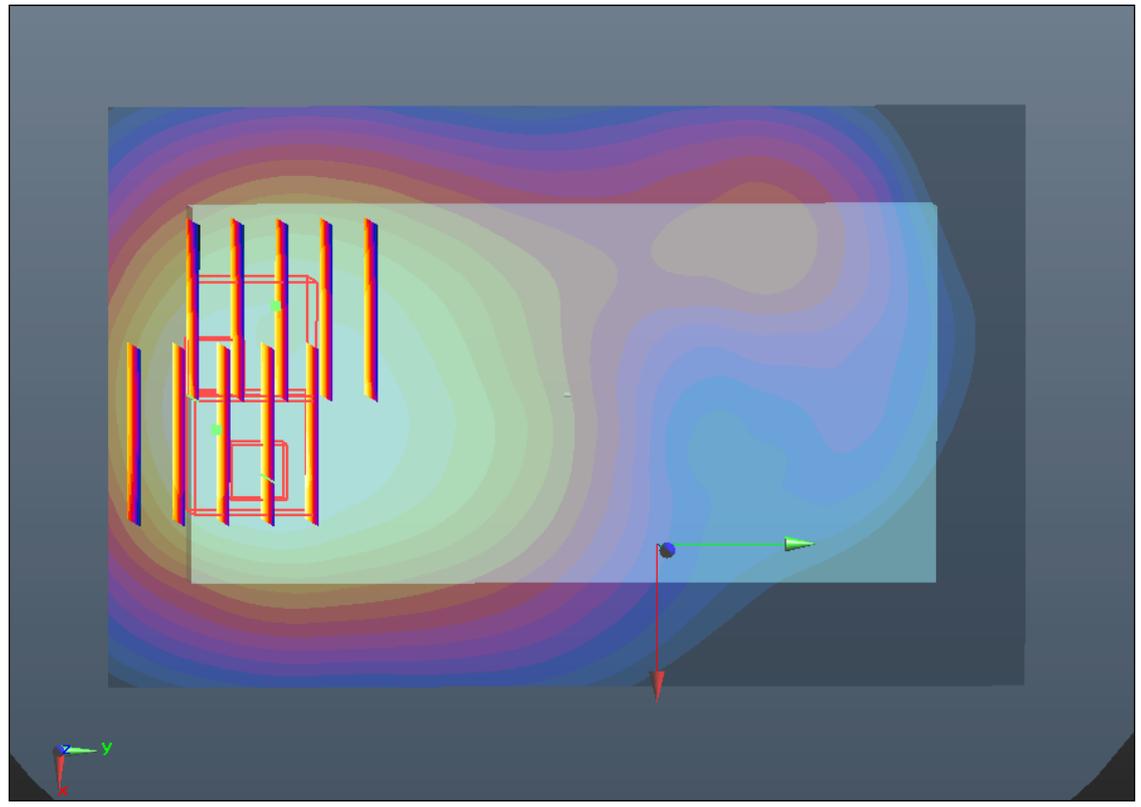
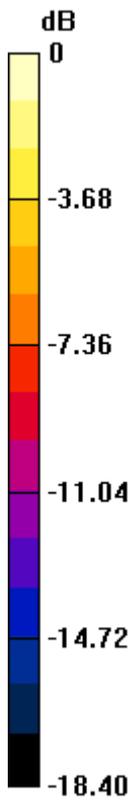
Ch600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.953 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.900 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.616 mW/g

Maximum value of SAR (measured) = 1.270 mW/g



0 dB = 1.270mW/g

#112 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Headset

DUT: 270201

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.476$ mho/m; $\epsilon_r =$

52.574 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.141 mW/g

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

Reference Value = 9.968 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.622 W/kg

SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.589 mW/g

Maximum value of SAR (measured) = 1.073 mW/g

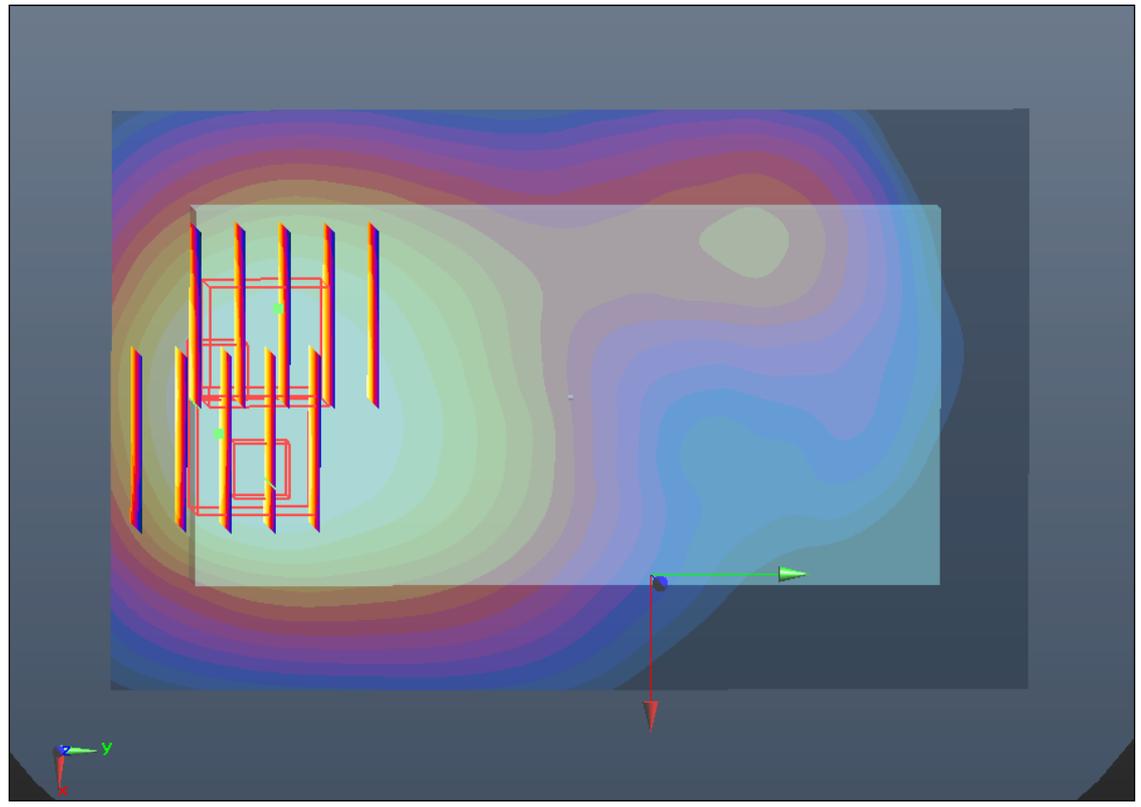
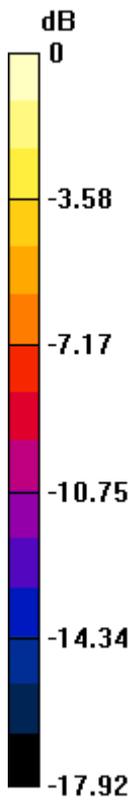
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.968 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.467 W/kg

SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.497 mW/g

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



0 dB = 0.980mW/g

#113 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch1175_Headset**DUT: 270201**

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.542$ mho/m; $\epsilon_r = 52.376$; ρ $= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.51 mW/g

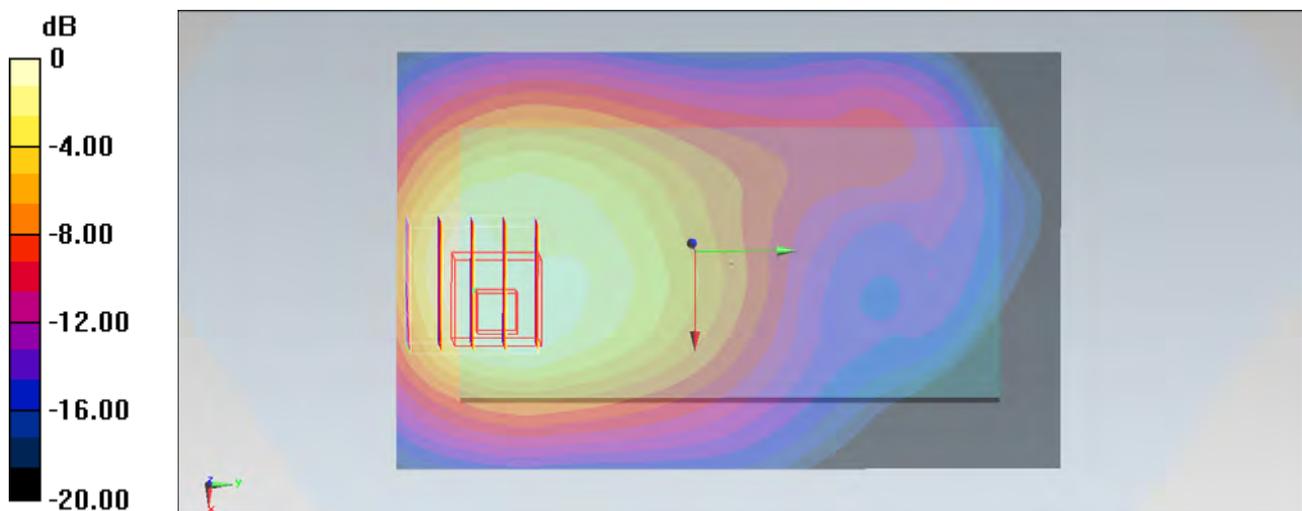
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.687 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.189 mW/g

SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.764 mW/g

Maximum value of SAR (measured) = 1.423 mW/g



#129 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch1175_Headset

DUT: 270201

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

Medium: MSL_1900_120901 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.539$ mho/m; $\epsilon_r =$

54.655 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.256 mW/g

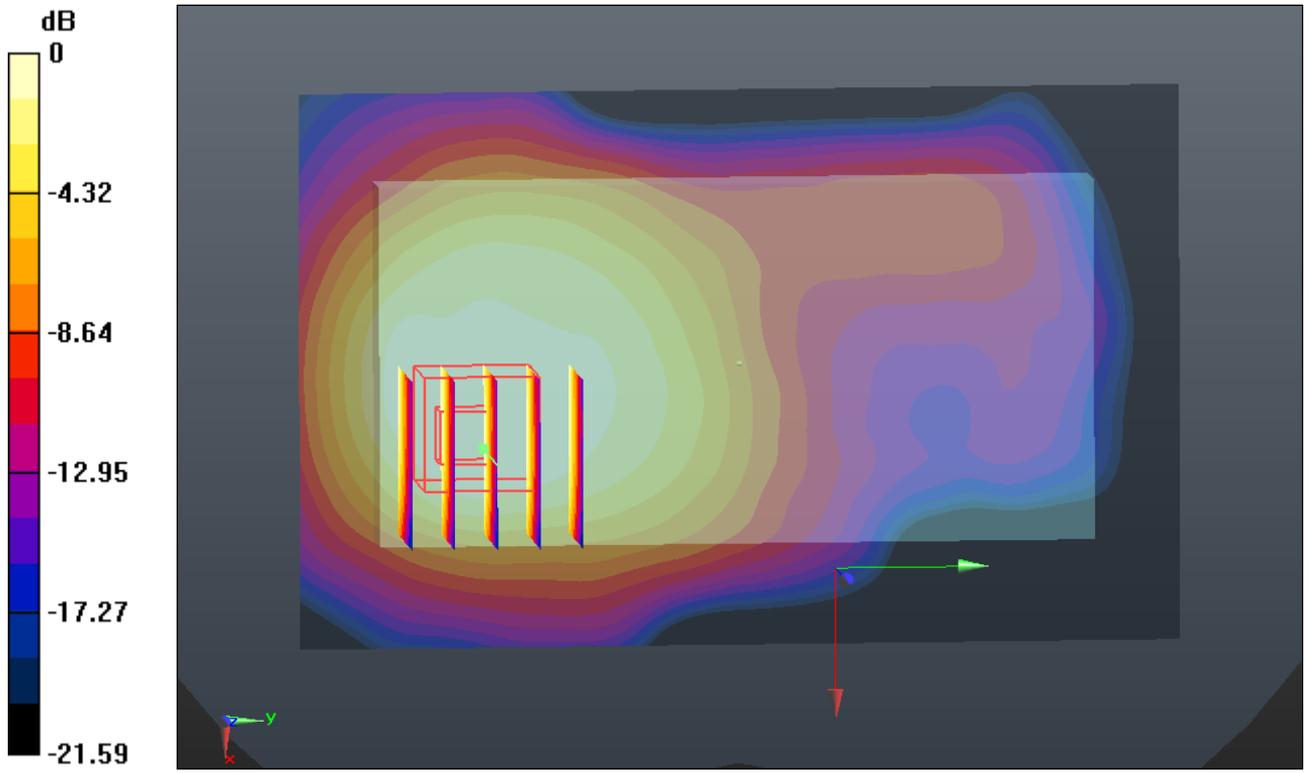
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.122 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.139 mW/g

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



0 dB = 0.250mW/g

#147 CDMA2000 BC1_RETAP 4096_Back_1cm_Ch1175_Headset

DUT: 2702012

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

Medium: MSL_1900_121012 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.536$ mho/m; $\epsilon_r =$

54.852 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.497 mW/g

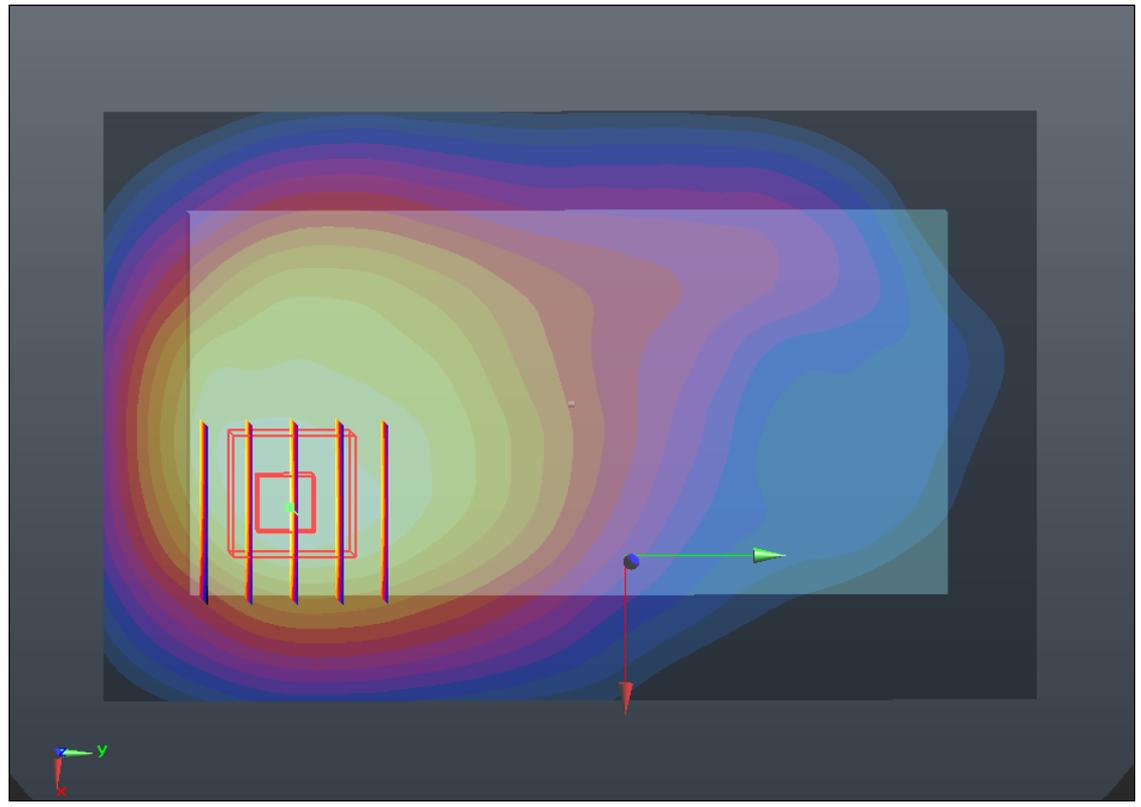
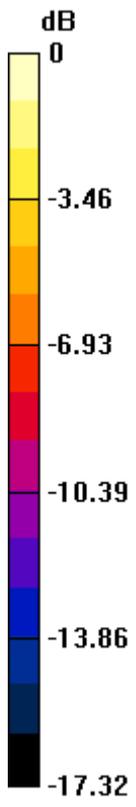
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.680 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.118 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.758 mW/g

Maximum value of SAR (measured) = 1.431 mW/g



0 dB = 1.430mW/g

#148 CDMA2000 BC1_RETAP 4096_Back_1cm_Ch25_Headset

DUT: 2702012

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

Medium: MSL_1900_121012 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.468$ mho/m; $\epsilon_r =$

54.968 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.998 mW/g

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

Reference Value = 11.094 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.518 W/kg

SAR(1 g) = 0.935 mW/g; SAR(10 g) = 0.567 mW/g

Maximum value of SAR (measured) = 1.023 mW/g

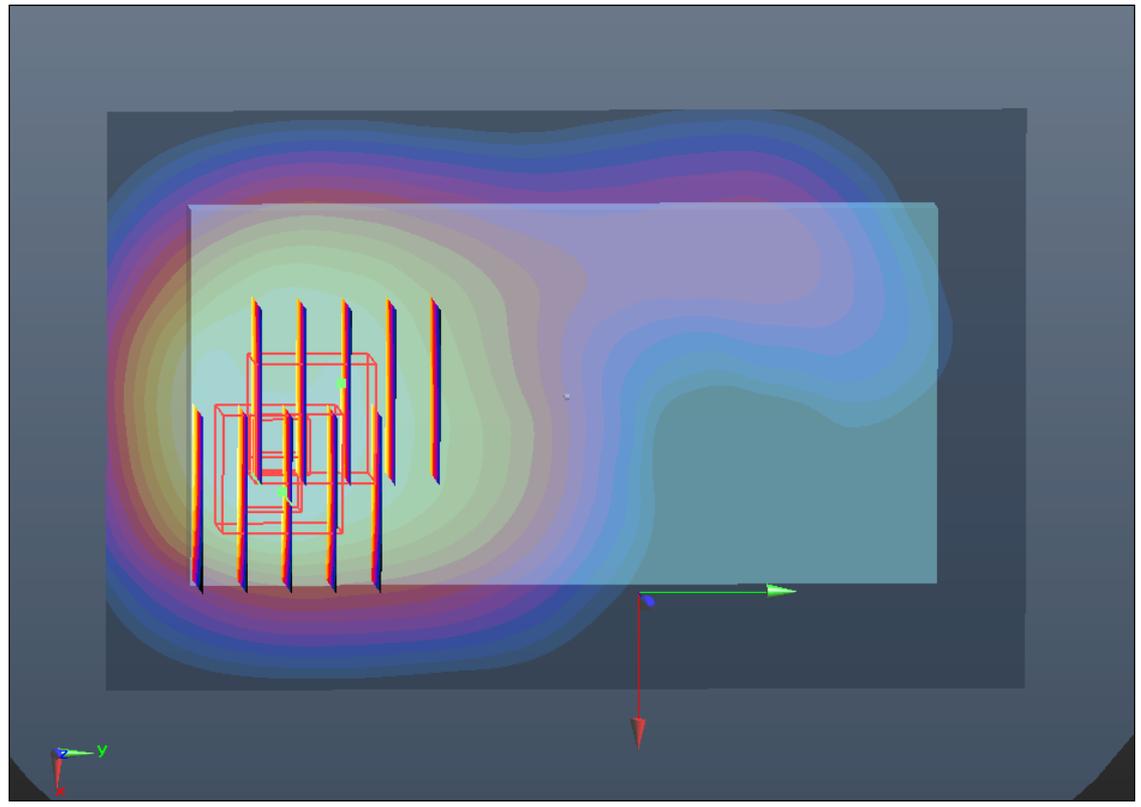
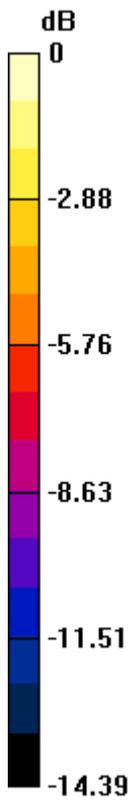
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.094 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.486 W/kg

SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.515 mW/g

Maximum value of SAR (measured) = 1.005 mW/g



0 dB = 1.010mW/g

#149 CDMA2000 BC1_RETAP 4096_Back_1cm_Ch600_Headset

DUT: 2702012

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

Medium: MSL_1900_121012 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 54.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.299 mW/g

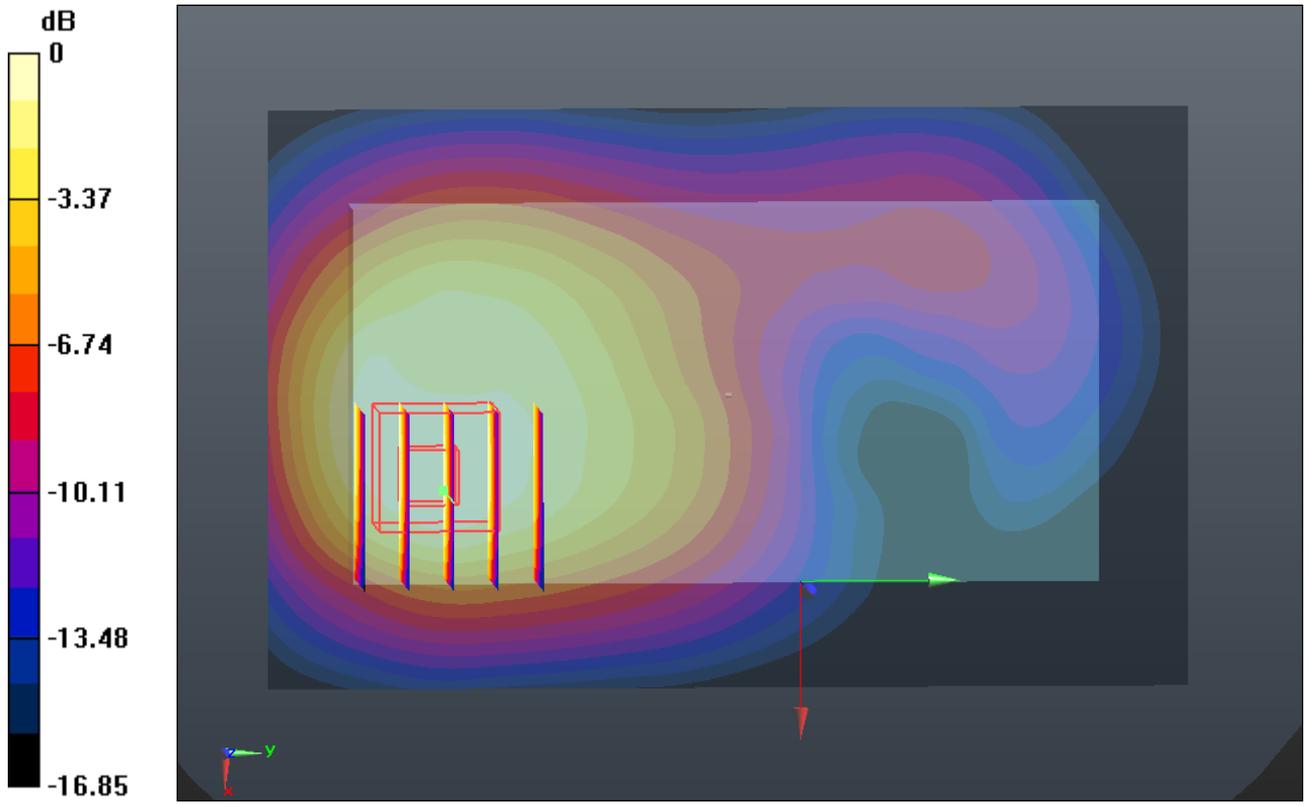
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.054 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.953 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.722 mW/g

Maximum value of SAR (measured) = 1.285 mW/g



0 dB = 1.290mW/g

#63 CDMA2000 BC10_RC3 SO32_Front_1cm_Ch476

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_120825 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$

54.53 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.418 mW/g

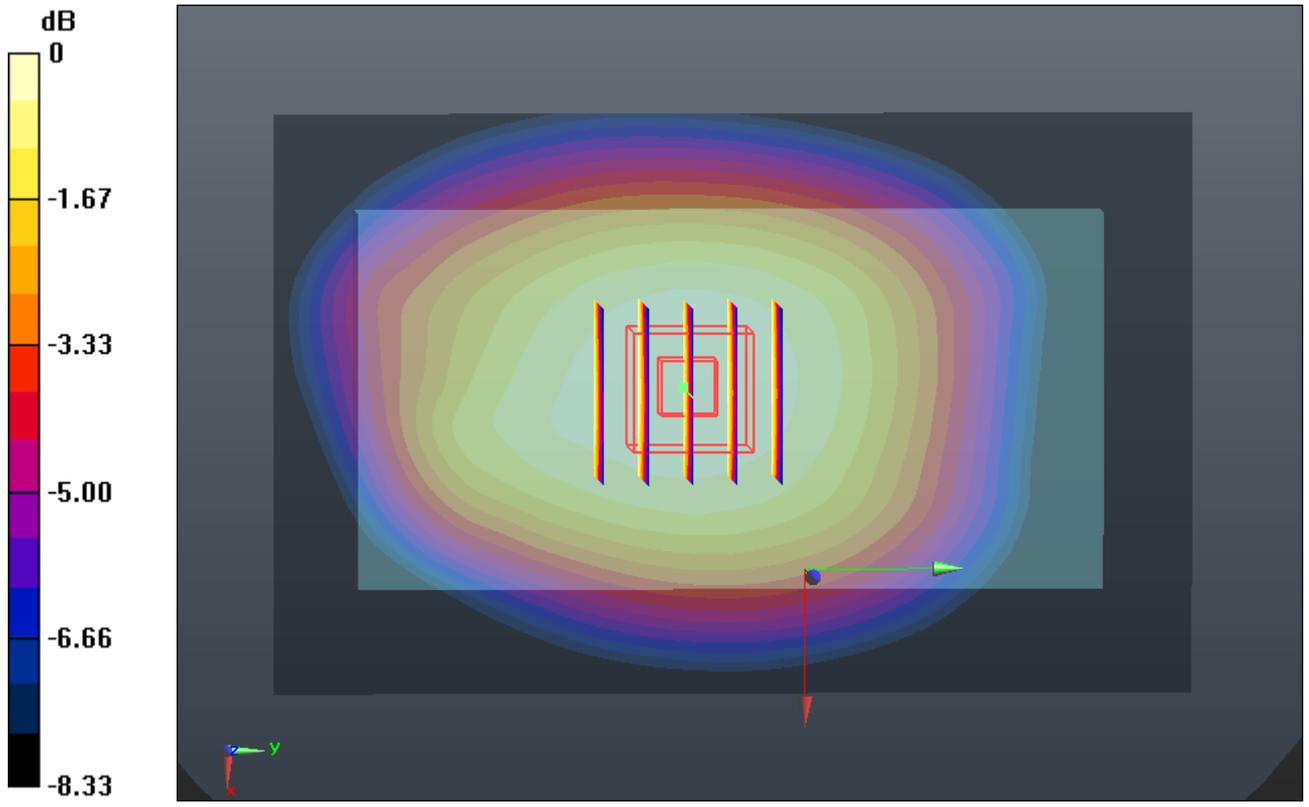
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.914 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.479 W/kg

SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.309 mW/g

Maximum value of SAR (measured) = 0.416 mW/g



0 dB = 0.420mW/g

#64 CDMA2000 BC10_RC3 SO32_Back_1cm_Ch476

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_120825 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$

54.53 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.601 mW/g

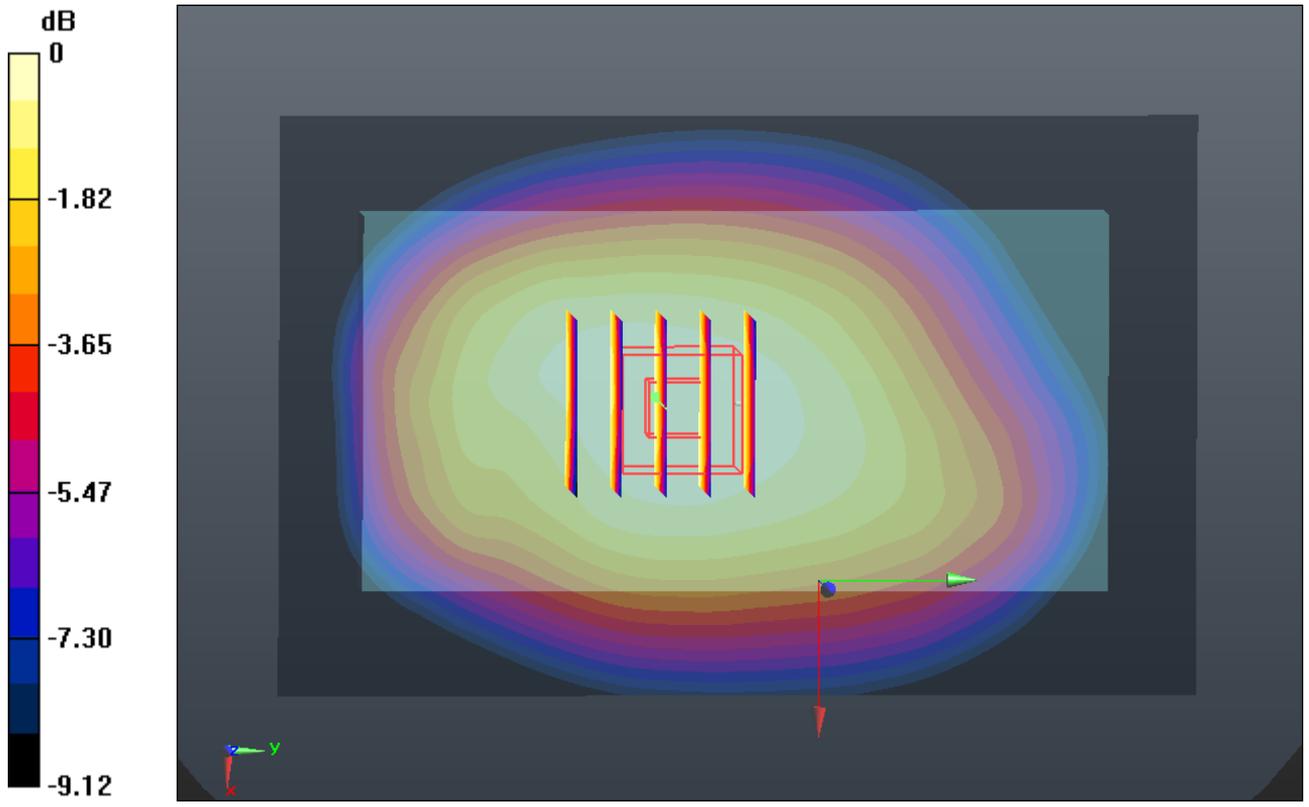
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.861 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.694 W/kg

SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.443 mW/g

Maximum value of SAR (measured) = 0.596 mW/g



0 dB = 0.600mW/g

#64 CDMA2000 BC10_RC3 SO32_Back_1cm_Ch476_2D

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_120825 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$

54.53 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.601 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

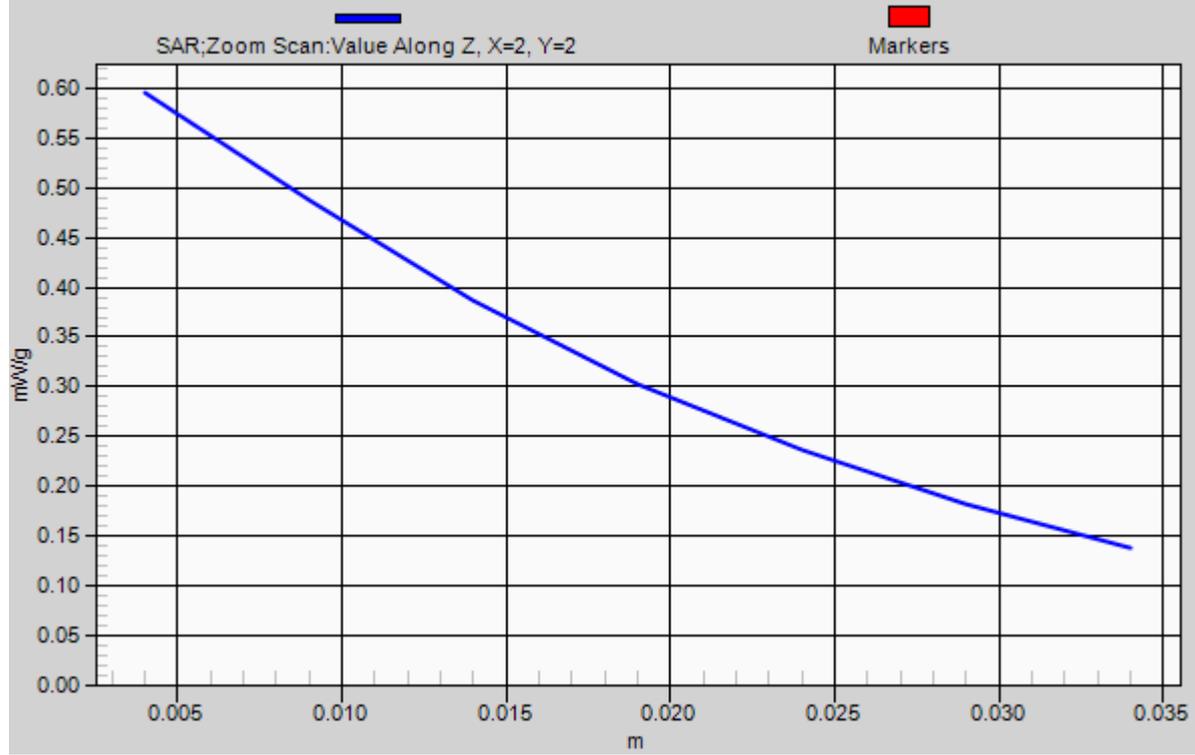
Reference Value = 24.861 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.694 W/kg

SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.443 mW/g

Maximum value of SAR (measured) = 0.596 mW/g

1g/10g Averaged SAR



#130 CDMA2000 BC10_RC3 SO32_Back_1cm_Ch476

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_120901 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r =$

54.491 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

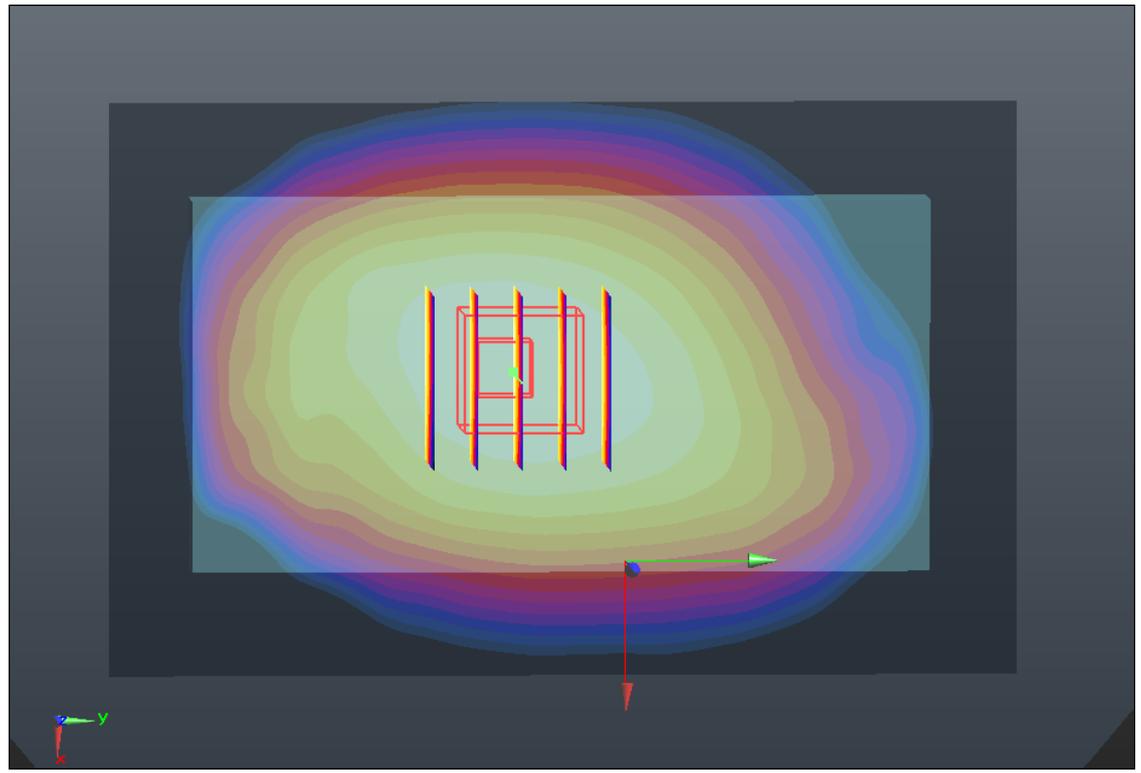
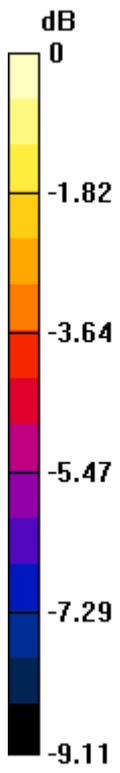
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.973 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.080 mW/g

Maximum value of SAR (measured) = 0.108 mW/g



0 dB = 0.110mW/g

#68 CDMA2000 BC10_RC3 SO32_Back_1cm_Ch476_Headset

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_120825 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.961$ mho/m; $\epsilon_r =$

54.53 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.542 mW/g

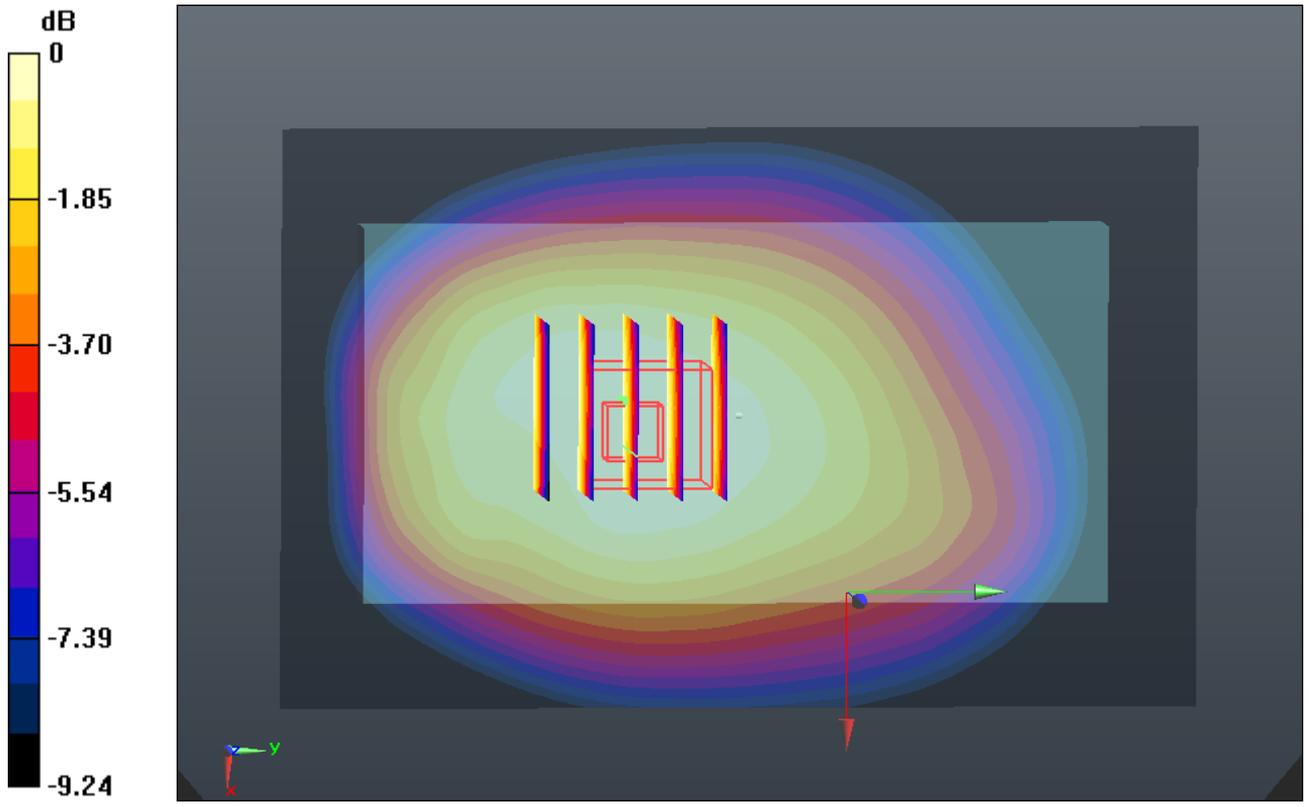
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.456 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.623 W/kg

SAR(1 g) = 0.508 mW/g; SAR(10 g) = 0.391 mW/g

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



0 dB = 0.530mW/g

#131 CDMA2000 BC10_RC3 SO32_Back_1cm_Ch476_Headset

DUT: 270201

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_120901 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r =$

54.491 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.095 mW/g

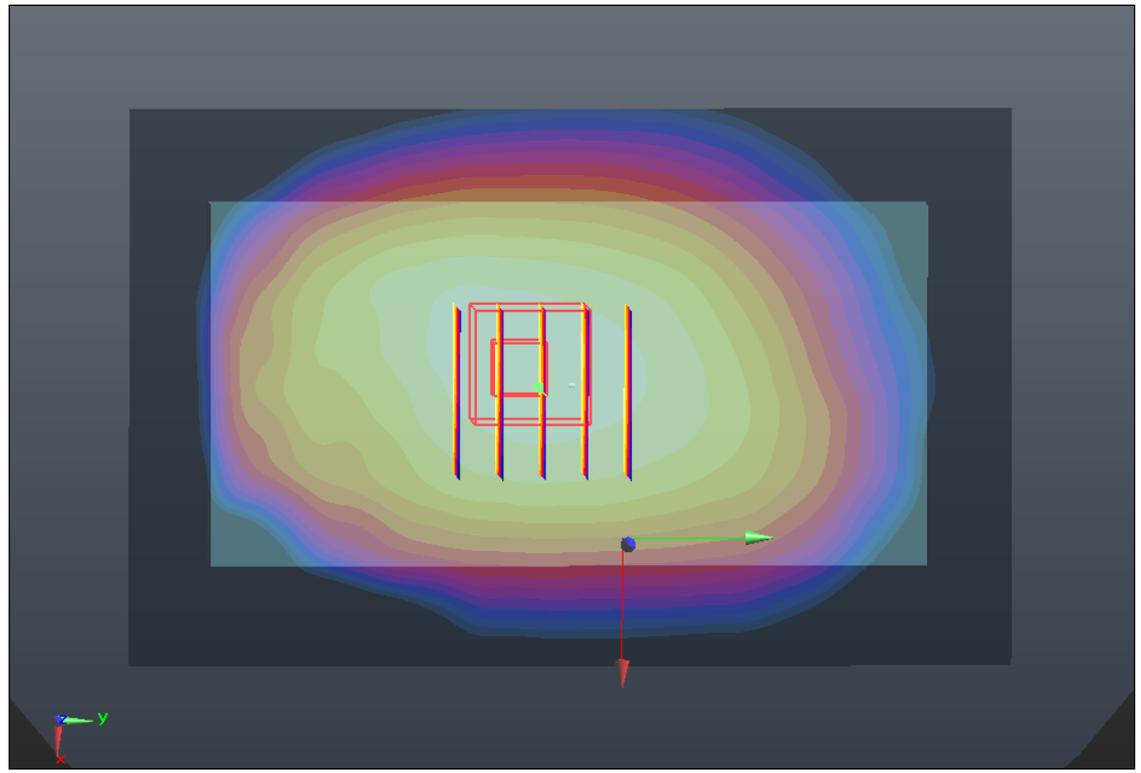
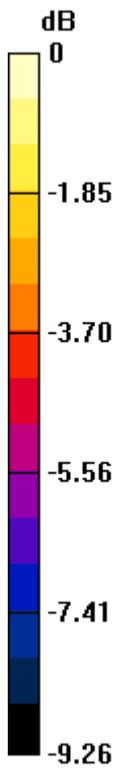
Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.049 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.072 mW/g

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



0 dB = 0.100mW/g

#150 CDMA2000 BC10_RETAP 4096_Back_1cm_Ch476

DUT: 2702012

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1
Medium: MSL_835_121012 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 53.628$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.6 °C

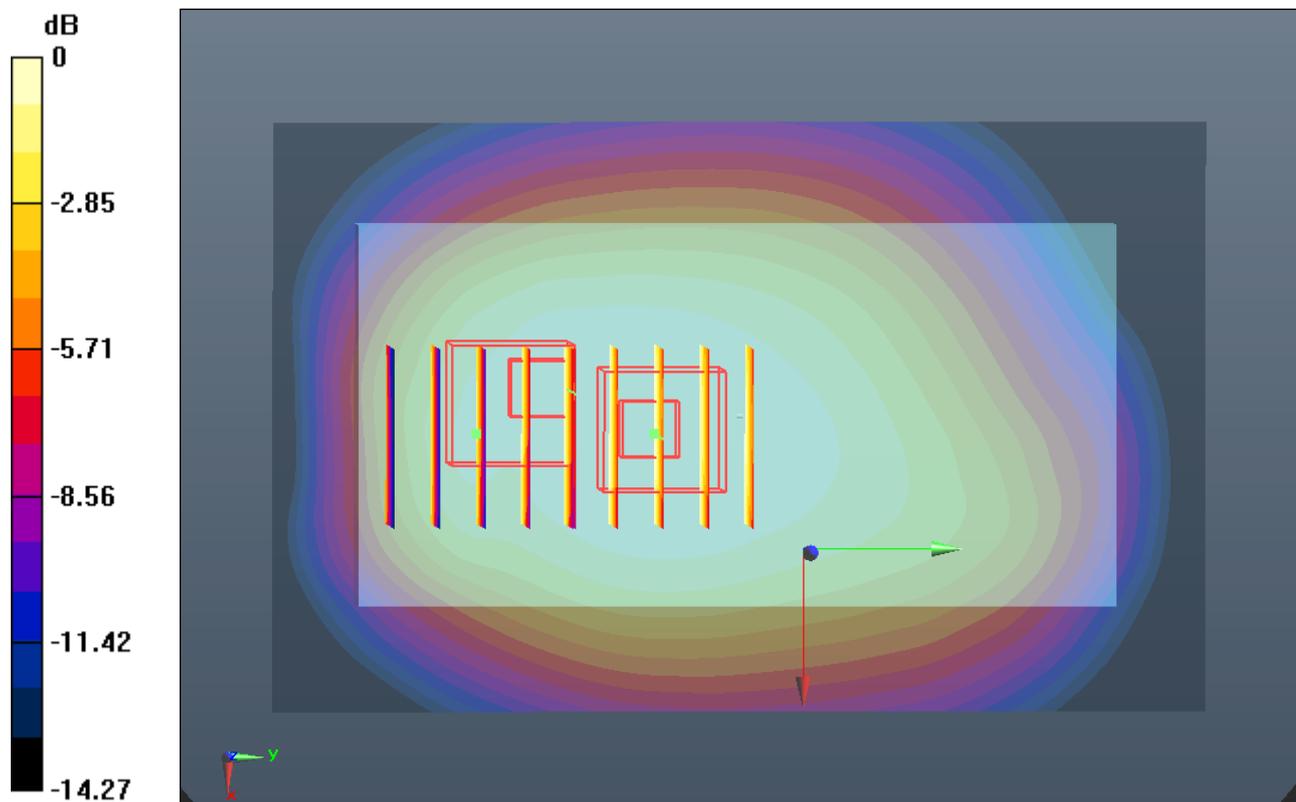
DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.612 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.203 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.711 W/kg
SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.449 mW/g
Maximum value of SAR (measured) = 0.606 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.203 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.678 W/kg
SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.338 mW/g
Maximum value of SAR (measured) = 0.570 mW/g



0 dB = 0.570mW/g

#150 CDMA2000 BC10_RETAP 4096_Back_1cm_Ch476_2D

DUT: 2702012

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL_835_121012 Medium parameters used: $f = 817.9$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r =$

53.628 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch476/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.612 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.203 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.711 W/kg

SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.449 mW/g

Maximum value of SAR (measured) = 0.606 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm,
dz=5mm

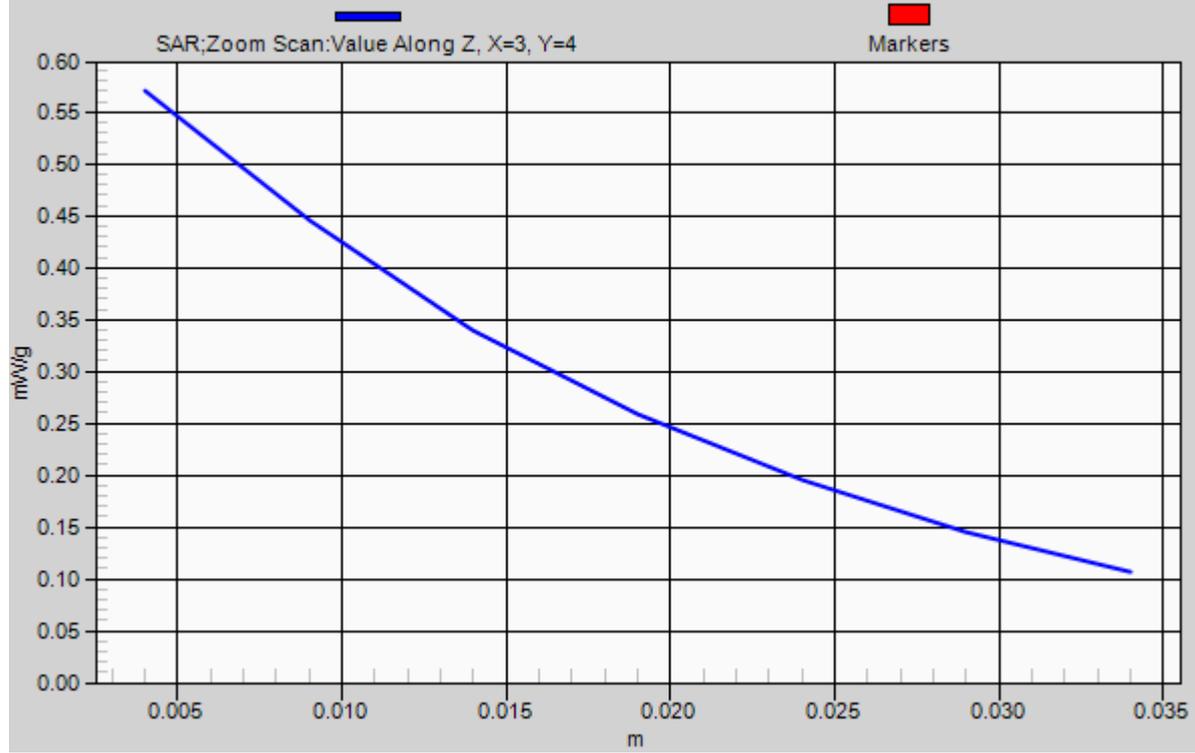
Reference Value = 24.203 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.678 W/kg

SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.338 mW/g

Maximum value of SAR (measured) = 0.570 mW/g

1g/10g Averaged SAR



#78 LTE Band 25_QPSK(25 13)_10M_Back_1cm_Ch26365_Headset

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

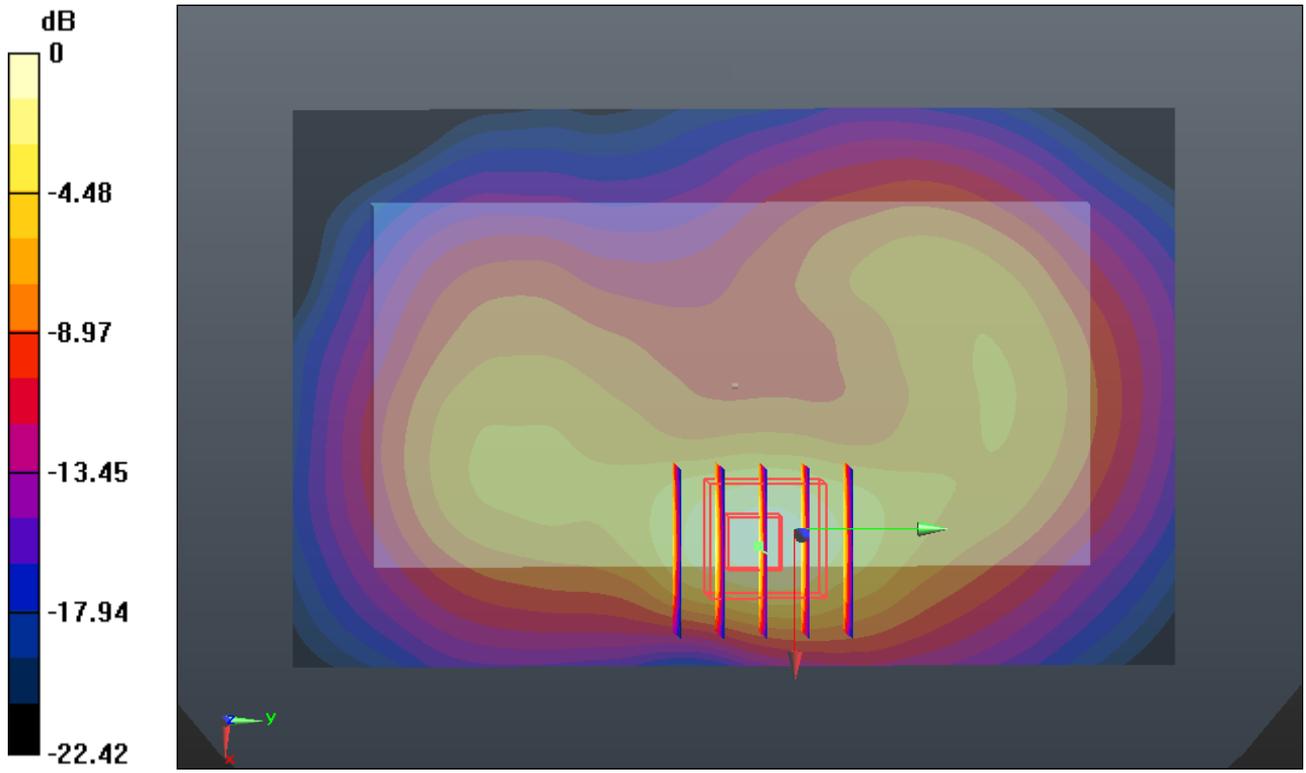
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.346 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.706 W/kg

SAR(1 g) = 0.865 mW/g; SAR(10 g) = 0.411 mW/g

Maximum value of SAR (measured) = 1.004 mW/g



0 dB = 1.000mW/g

#122 LTE Band 25_QPSK(25 13)_10M_Back_1cm_Ch26090_Headset

DUT: 270201

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.522$ mho/m; $\epsilon_r =$

54.728 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26090/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.729 mW/g

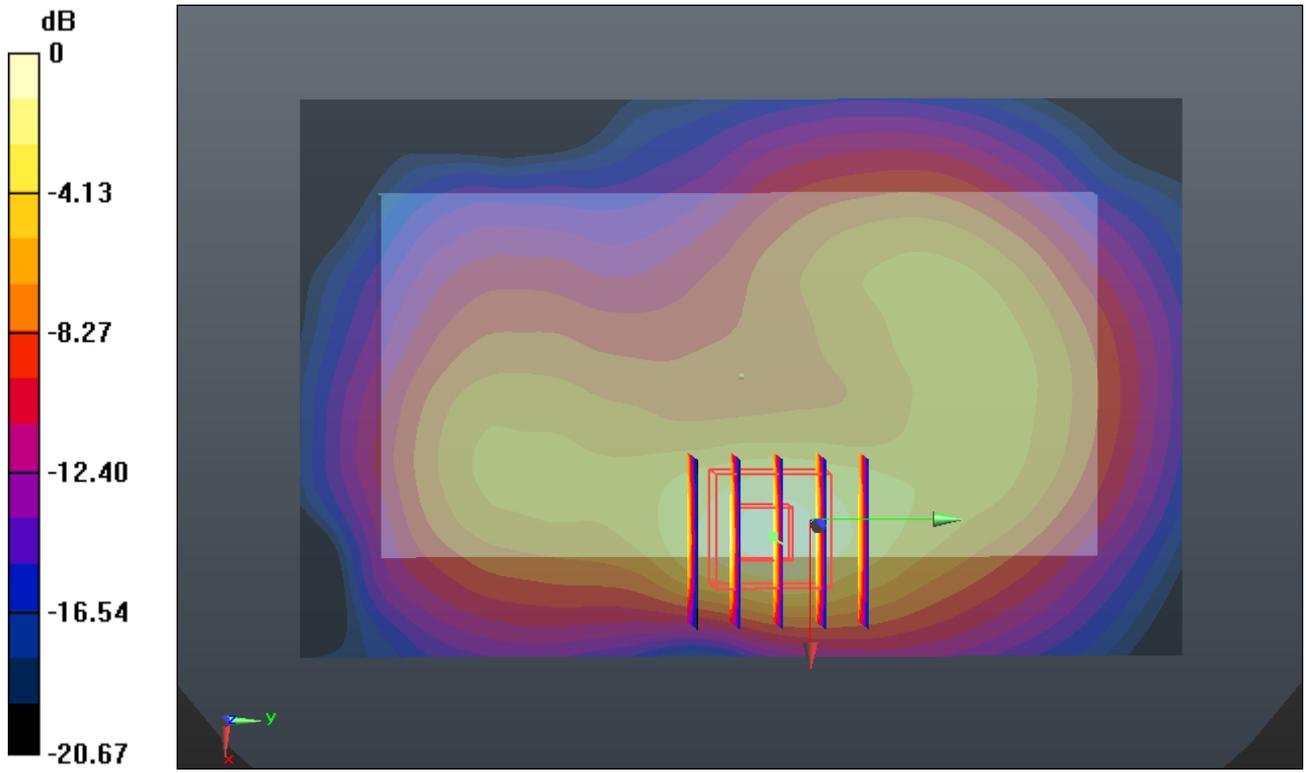
Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.363 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.431 W/kg

SAR(1 g) = 0.747 mW/g; SAR(10 g) = 0.359 mW/g

Maximum value of SAR (measured) = 0.859 mW/g



0 dB = 0.860mW/g

#124 LTE Band 25_QPSK(25 13)_10M_Back_1cm_Ch26640_Headset

DUT: 270201

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.575$ mho/m; $\epsilon_r =$

54.611 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26640/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

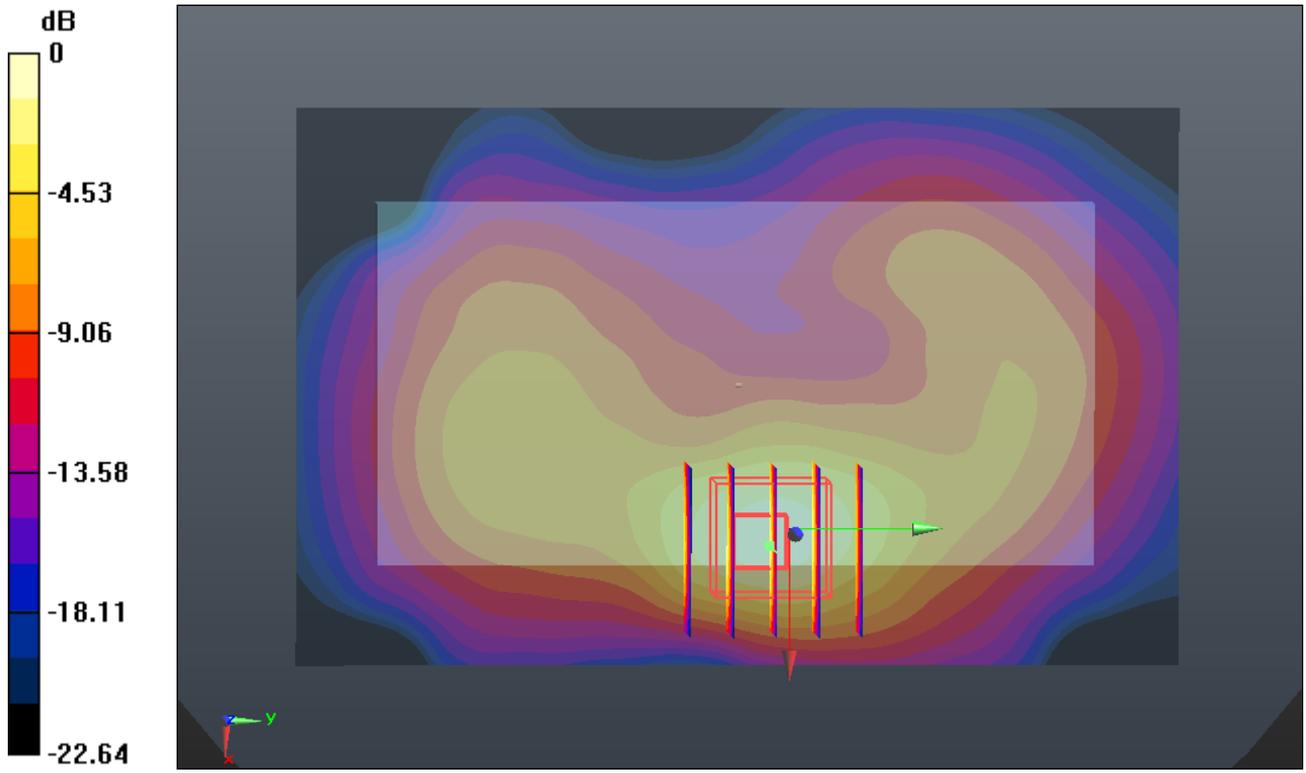
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.840 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.825 W/kg

SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 1.096 mW/g



0 dB = 1.100mW/g

#124 LTE Band 25_QPSK(25 13)_10M_Back_1cm_Ch26640_Headset_2D

DUT: 270201

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.589$ mho/m; $\epsilon_r =$

54.611 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26640/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

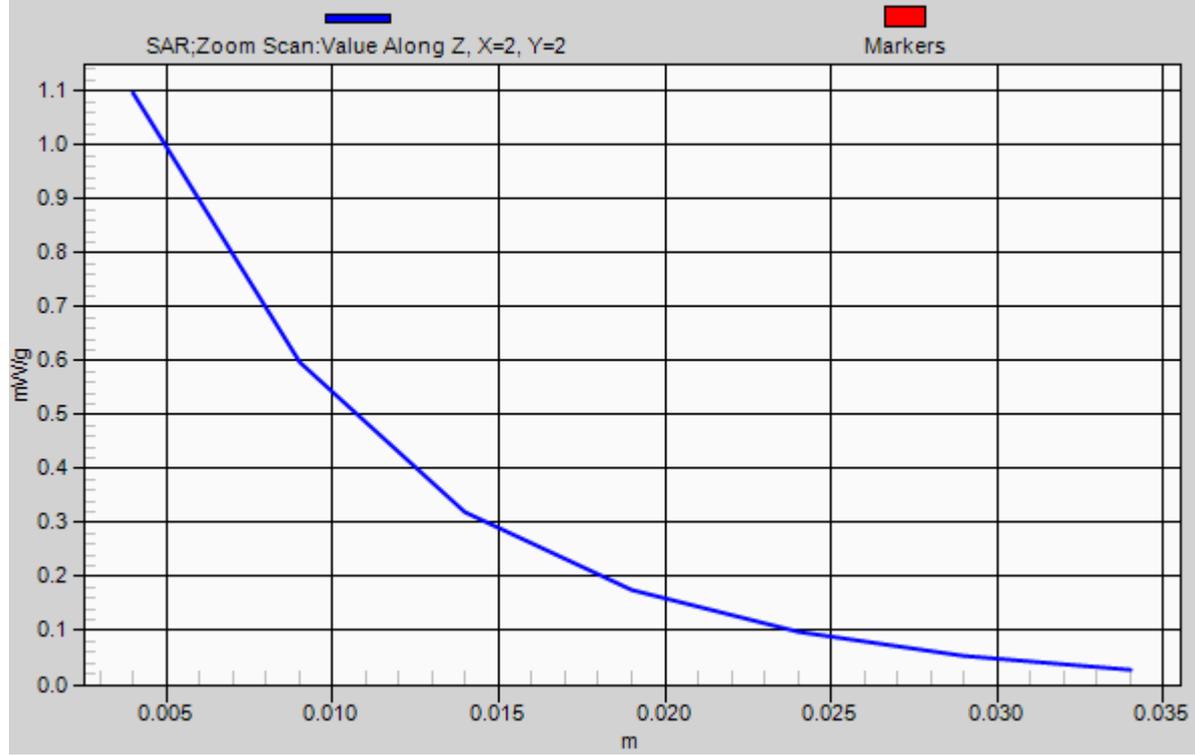
Reference Value = 8.840 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.825 W/kg

SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 1.096 mW/g

1g/10g Averaged SAR



#83 LTE Band 25_QPSK(1 0)_10M_Back_1cm_Ch26365_Headset

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.116 mW/g

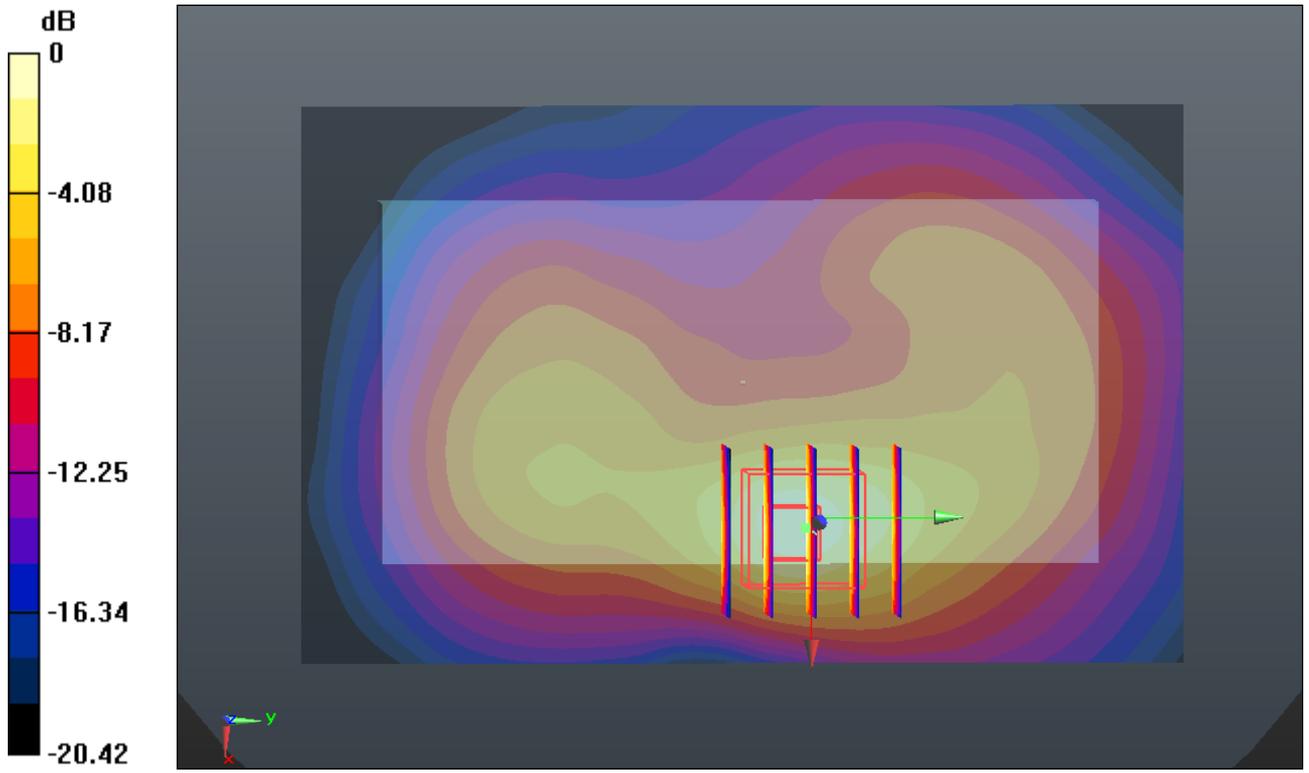
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.039 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.103 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.537 mW/g

Maximum value of SAR (measured) = 1.259 mW/g



0 dB = 1.260mW/g

#83 LTE Band 25_QPSK(1 0)_10M_Back_1cm_Ch26365_Headset_2D

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.116 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

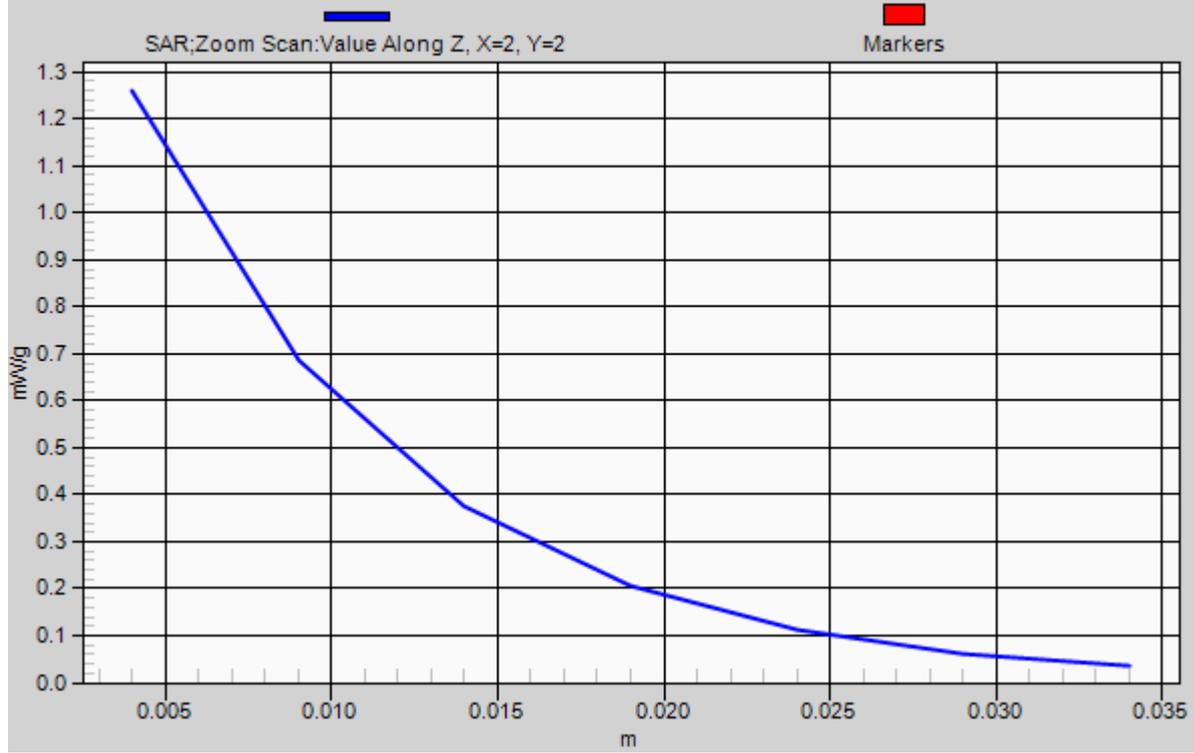
Reference Value = 11.039 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.103 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.537 mW/g

Maximum value of SAR (measured) = 1.259 mW/g

1g/10g Averaged SAR



#88 LTE Band 25_QPSK(1 49)_10M_Back_1cm_Ch26365_Headset

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.160 mW/g

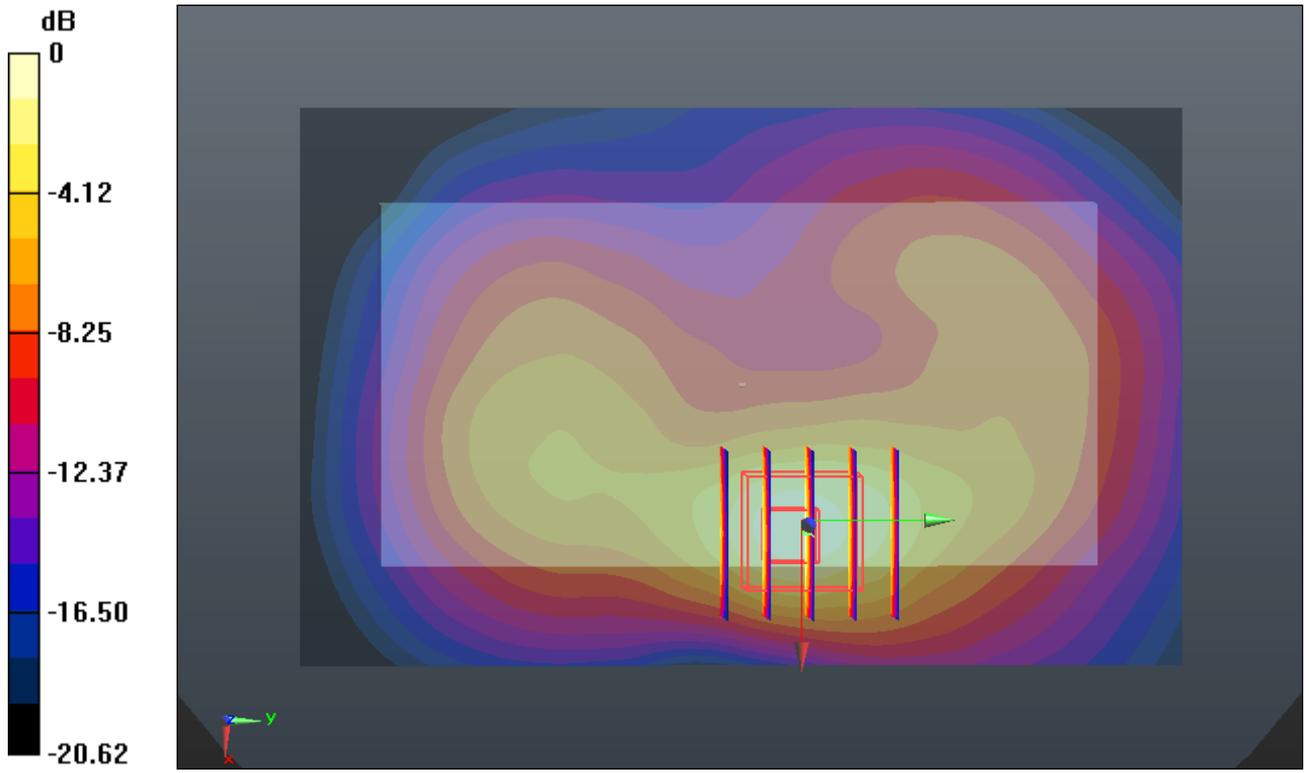
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.895 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.111 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.538 mW/g

Maximum value of SAR (measured) = 1.278 mW/g



0 dB = 1.280mW/g

#88 LTE Band 25_QPSK(1 49)_10M_Back_1cm_Ch26365_Headset_2D

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.160 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

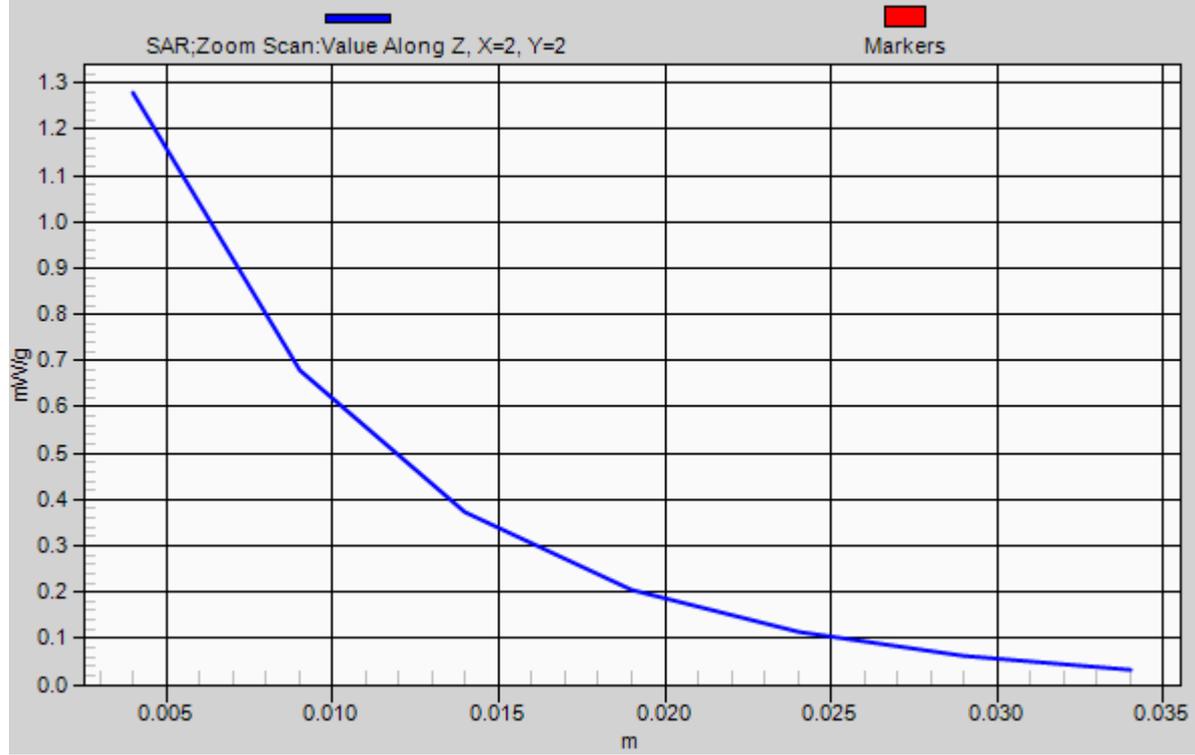
Reference Value = 10.895 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.111 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.538 mW/g

Maximum value of SAR (measured) = 1.278 mW/g

1g/10g Averaged SAR



#133 LTE Band 25_QPSK(1 49)_10M_Back_1cm_Ch26365_Headset

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120901 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 54.701$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.578 mW/g

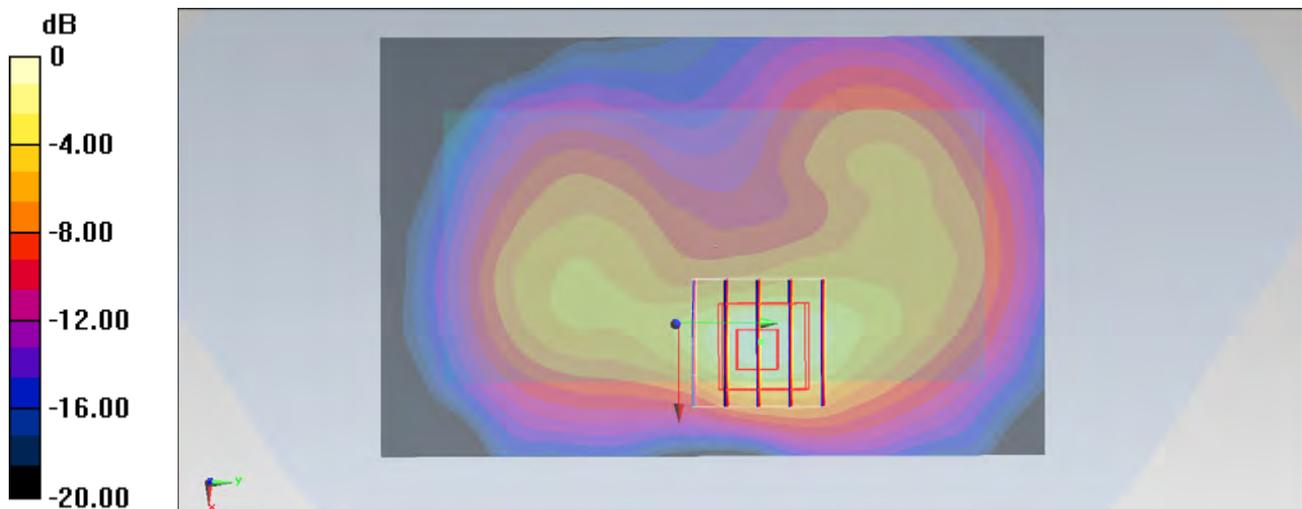
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.888 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.031 mW/g

SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.260 mW/g

Maximum value of SAR (measured) = 0.617 mW/g



0 dB = 0.620 mW/g

#93 LTE Band 25_16QAM(25 13)_10M_Back_1cm_Ch26640_Headset

DUT: 270201

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.575$ mho/m; $\epsilon_r =$

54.611 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26640/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.813 mW/g

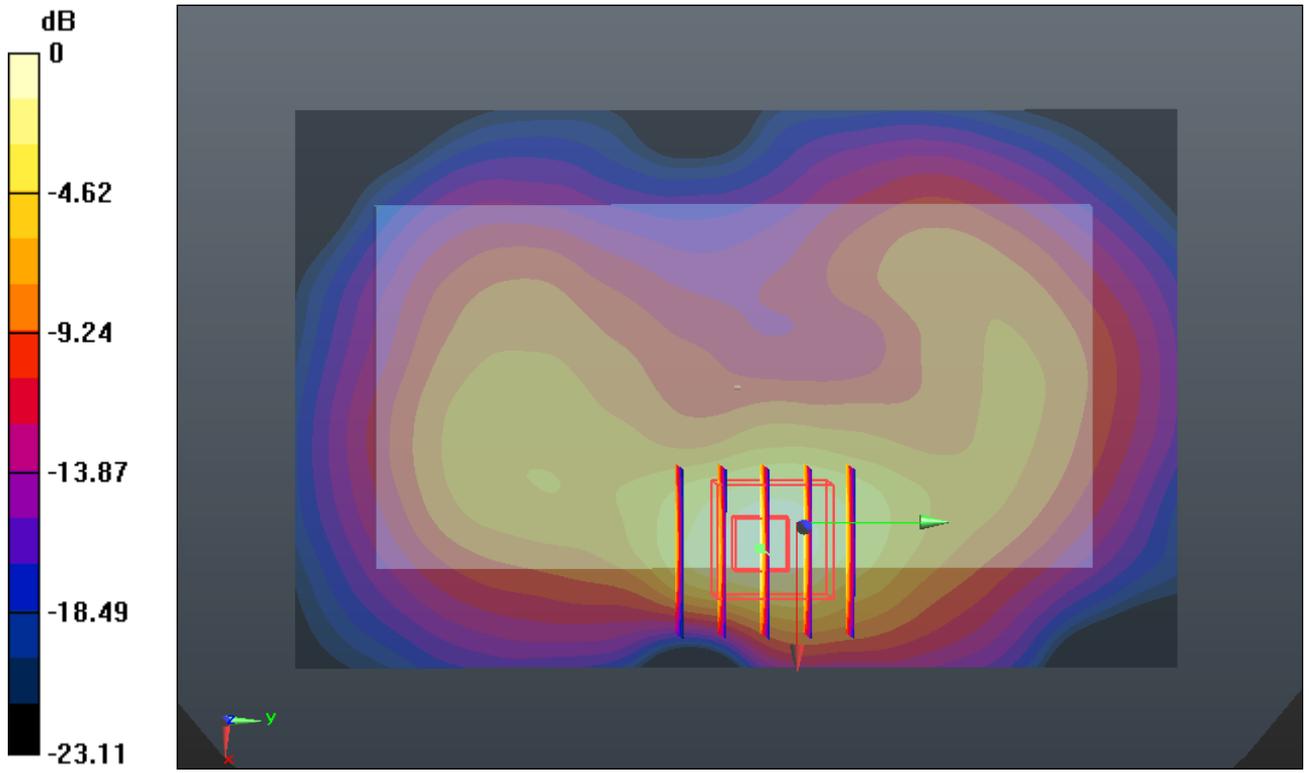
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.864 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.491 W/kg

SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.363 mW/g

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



0 dB = 0.870mW/g

#93 LTE Band 25_16QAM(25 13)_10M_Back_1cm_Ch26640_Headset_2D

DUT: 270201

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.575$ mho/m; $\epsilon_r =$

54.611 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26640/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.813 mW/g

Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

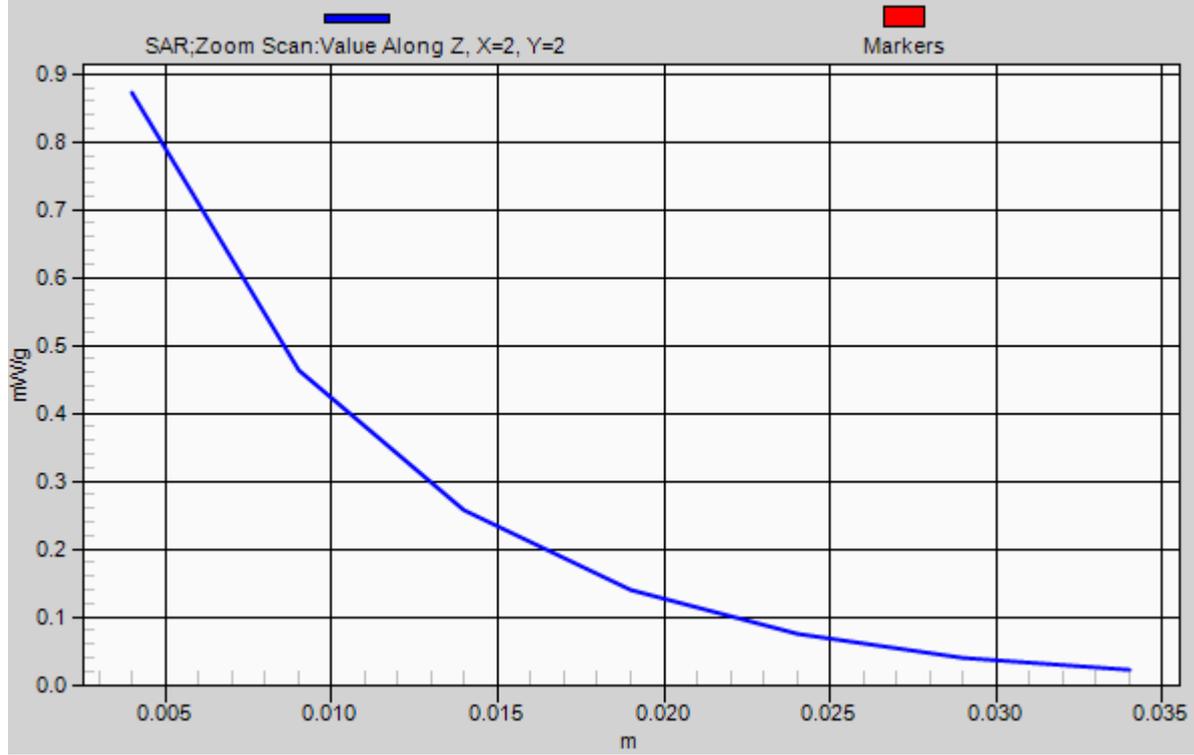
Reference Value = 7.864 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.491 W/kg

SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.363 mW/g

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

1g/10g Averaged SAR



#98 LTE Band 25_16QAM(1 0)_10M_Back_1cm_Ch26365_Headset

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

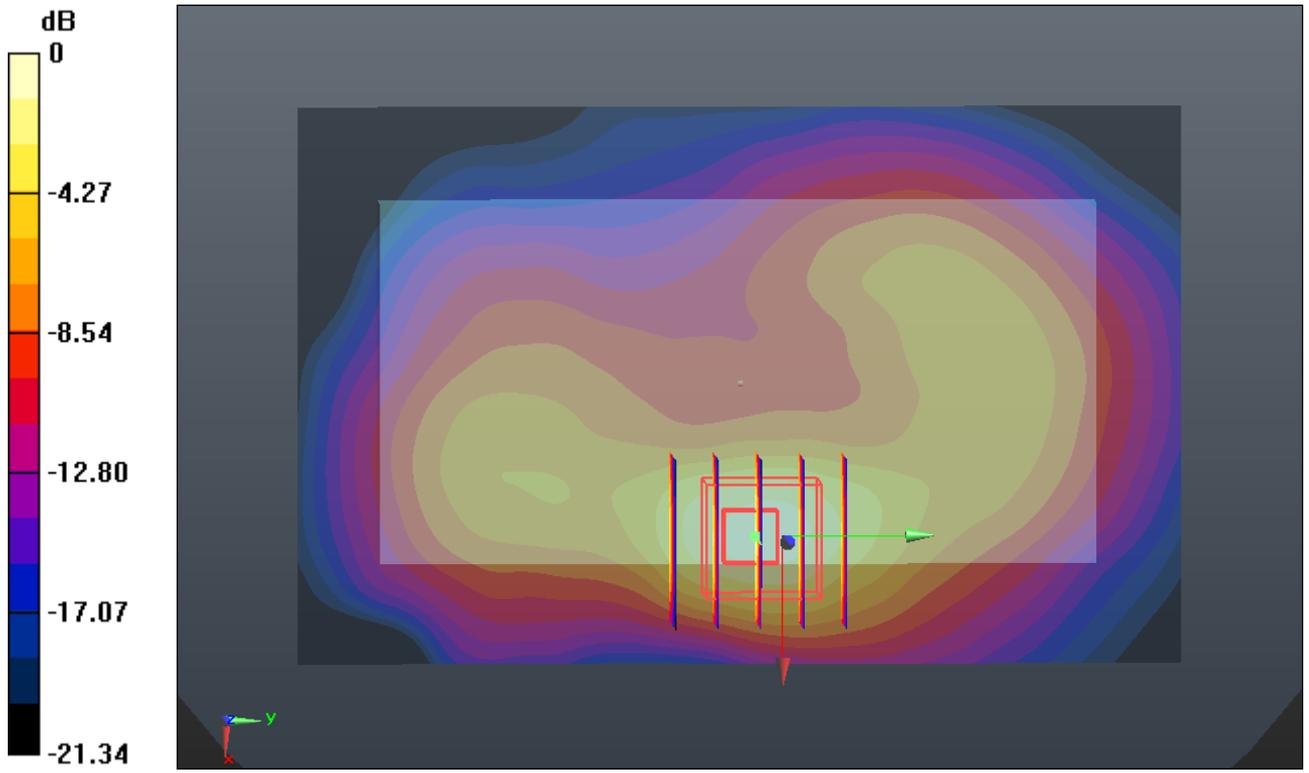
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.628 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.836 W/kg

SAR(1 g) = 0.959 mW/g; SAR(10 g) = 0.459 mW/g

Maximum value of SAR (measured) = 1.115 mW/g



0 dB = 1.120mW/g

#98 LTE Band 25_16QAM(1 0)_10M_Back_1cm_Ch26365_Headset_2D

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

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

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

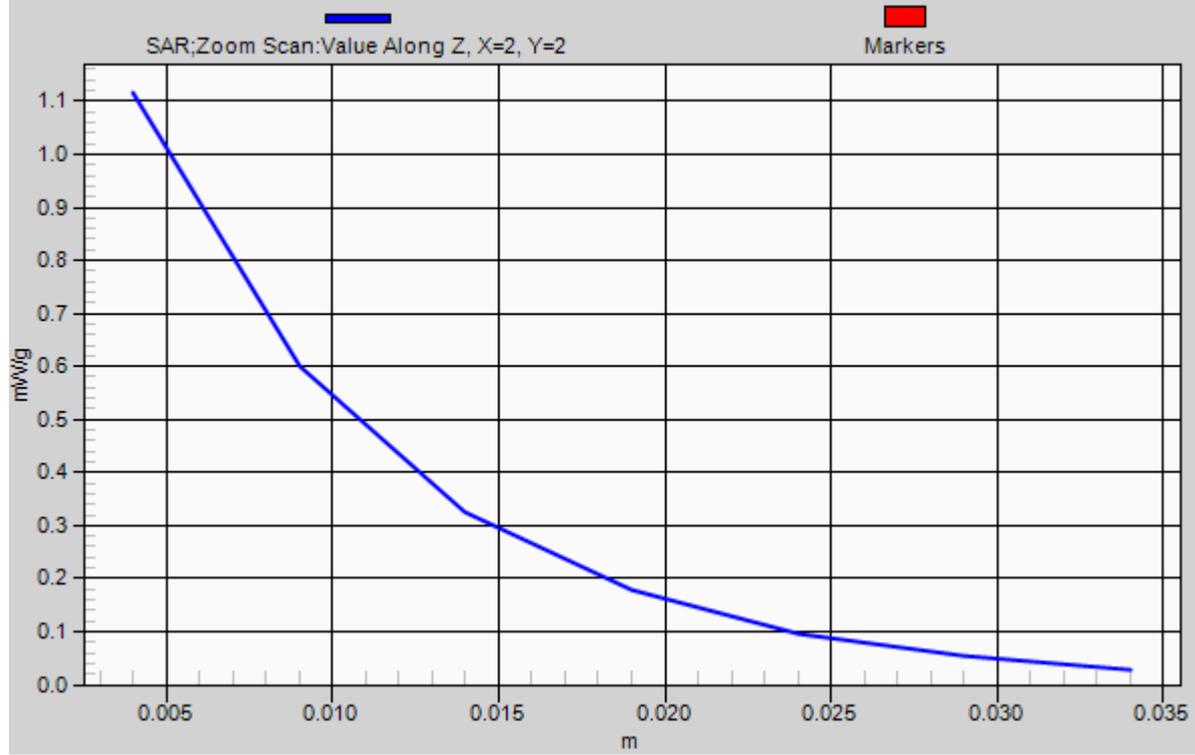
Reference Value = 9.628 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.836 W/kg

SAR(1 g) = 0.959 mW/g; SAR(10 g) = 0.459 mW/g

Maximum value of SAR (measured) = 1.115 mW/g

1g/10g Averaged SAR



#103 LTE Band 25_16QAM(1 49)_10M_Back_1cm_Ch26365_Headset

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.875 mW/g

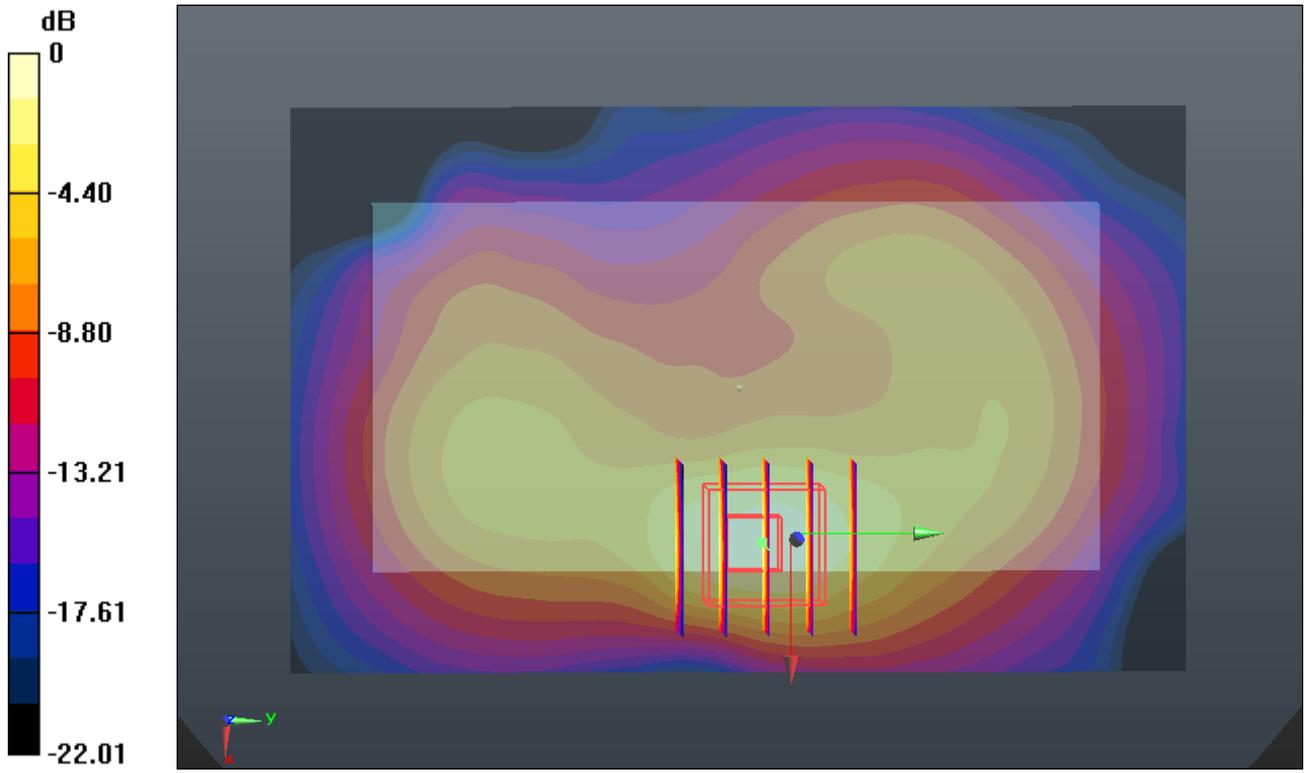
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.095 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.699 W/kg

SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.426 mW/g

Maximum value of SAR (measured) = 1.008 mW/g



0 dB = 1.010mW/g

#103 LTE Band 25_16QAM(1 49)_10M_Back_1cm_Ch26365_Headset_2D

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120829 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r =$

54.663 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.875 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

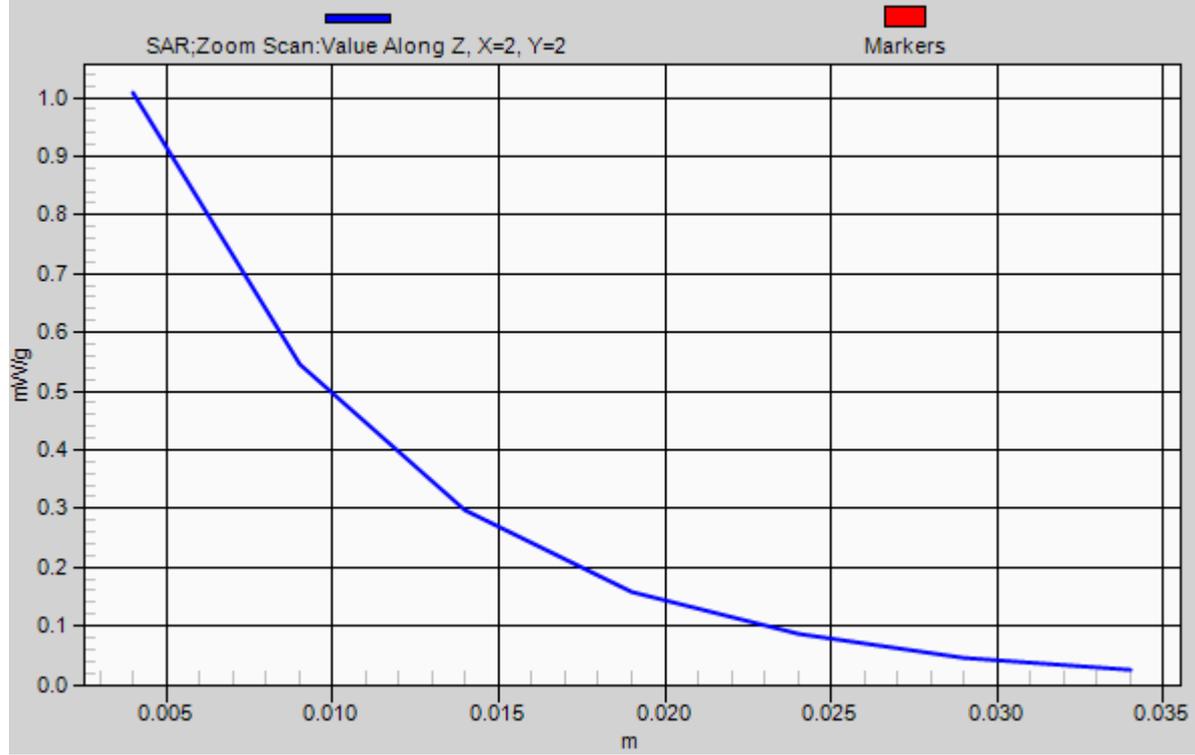
Reference Value = 10.095 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.699 W/kg

SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.426 mW/g

Maximum value of SAR (measured) = 1.008 mW/g

1g/10g Averaged SAR



#107 802.11b_Back_1cm_1M_Ch11_Headset**DUT: 270201**

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

Medium: MSL_2450_120831 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.983$ mho/m; $\epsilon_r = 52.031$; ρ $= 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.057 mW/g

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

Reference Value = 2.693 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.062 mW/g

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.038 mW/g

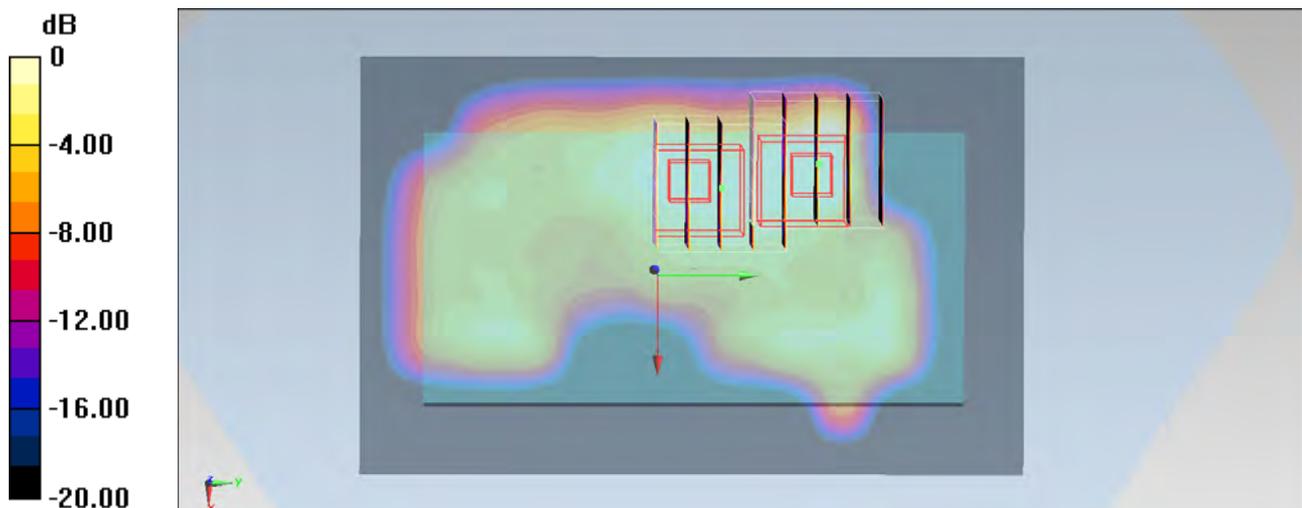
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.693 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.066 mW/g

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.039 mW/g



#53 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600_volume scan

DUT: 270201

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

Medium: MSL_1900_120901 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r = 54.703$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch600/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

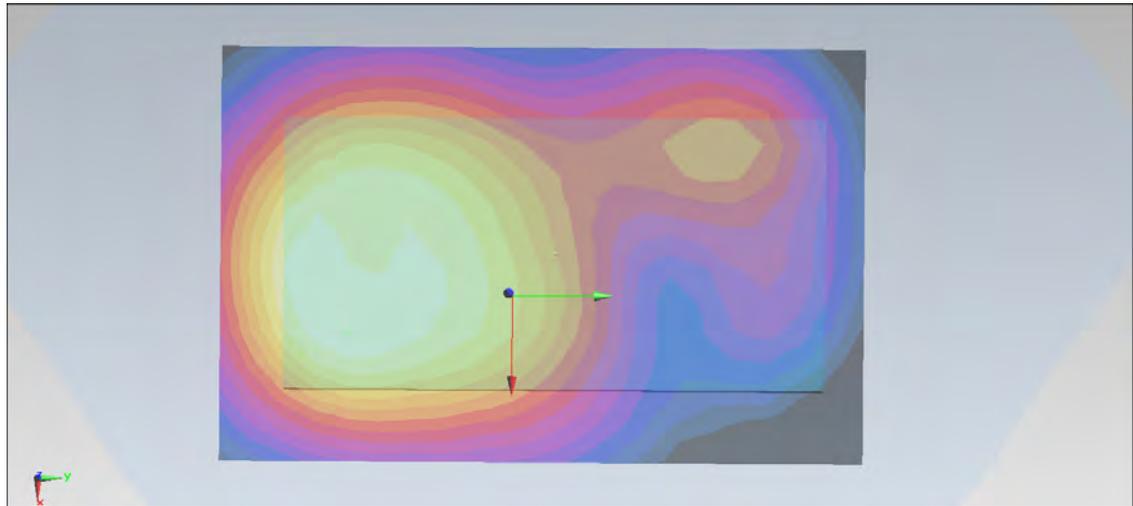
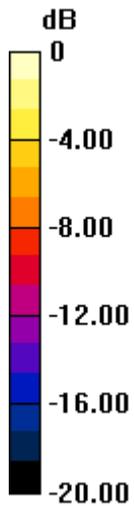
Reference Value = 14.541 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.206 mW/g

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.730 mW/g

Total Absorbed Power = 0.0705872 W

Maximum value of SAR (measured) = 1.352 mW/g



0 dB = 1.35 mW/g

#132 LTE Band 25_QPSK(1 49)_10M_Back_1cm_Ch26365_volume scan

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120901 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 54.701$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26635/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

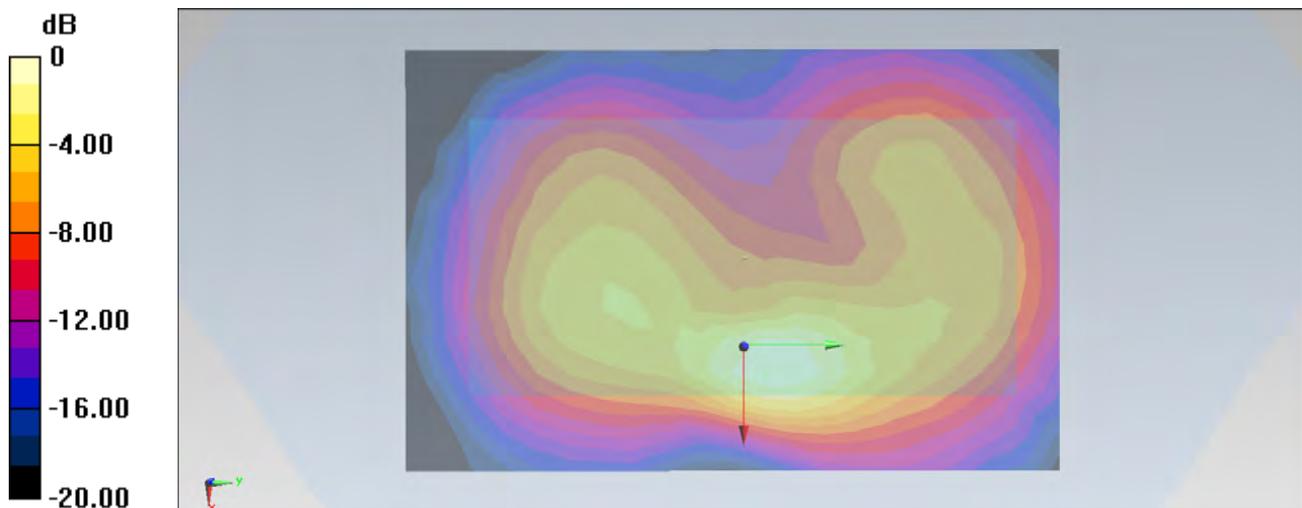
Reference Value = 8.289 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.002 mW/g

SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.247 mW/g

Total Absorbed Power = 0.0224701 W

Maximum value of SAR (measured) = 0.570 mW/g



0 dB = 0.570 mW/g

#105 802.11b_Back_1cm_1M_Ch11_volume scan

DUT: 270201

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

Medium: MSL_2450_120902 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.015$ mho/m; $\epsilon_r = 54.25$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

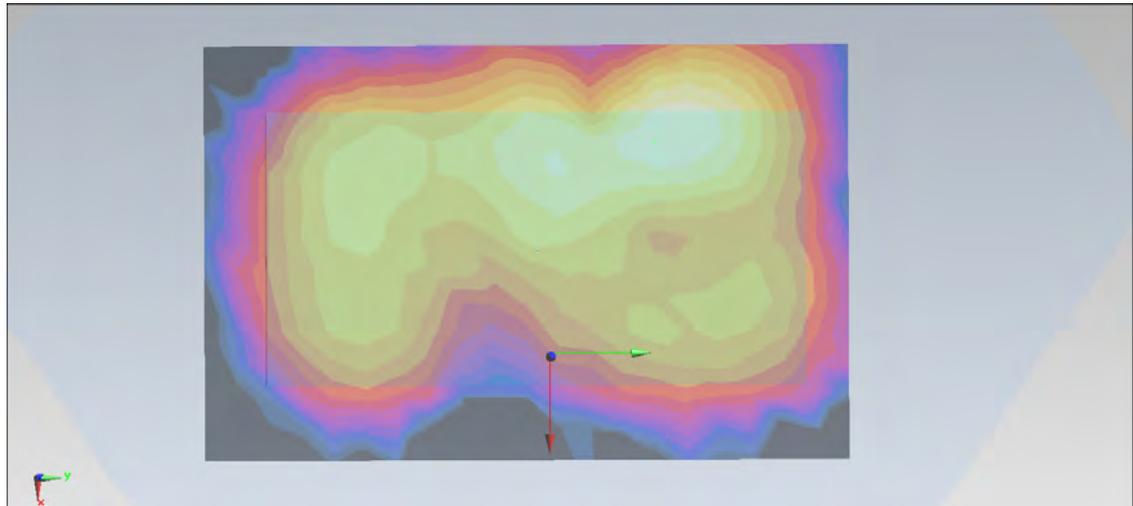
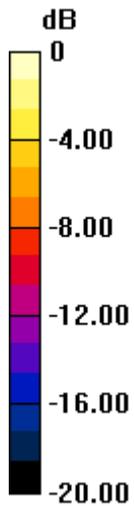
Reference Value = 4.588 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.199 mW/g

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.056 mW/g

Total Absorbed Power = 0.00535095 W

Maximum value of SAR (measured) = 0.124 mW/g



0 dB = 0.120 mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/9/1

#53 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600_volume scan

DUT: 270201

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120901 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r = 54.703$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

- ε Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
 - ε Sensor-Surface: 4mm (Mechanical Surface Detection)
 - ε Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
 - ε Phantom: SAM2; Type: SAM; Serial: TP-1477
 - ε Measurement SW: DASYS2, Version 52.8 (2)
-

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/9/1

#132 LTE Band 25_QPSK(1 49)_10M_Back_1cm_Ch26365_volume scan

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120901 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 54.701$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

- ε Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
 - ε Sensor-Surface: 4mm (Mechanical Surface Detection)
 - ε Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
 - ε Phantom: SAM2; Type: SAM; Serial: TP-1477
 - ε Measurement SW: DASYS2, Version 52.8 (2)
-

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/9/2

#105 802.11b_Back_1cm_1M_Ch11_volume scan

DUT: 270201

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120902 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.015$ mho/m; $\epsilon_r = 54.25$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

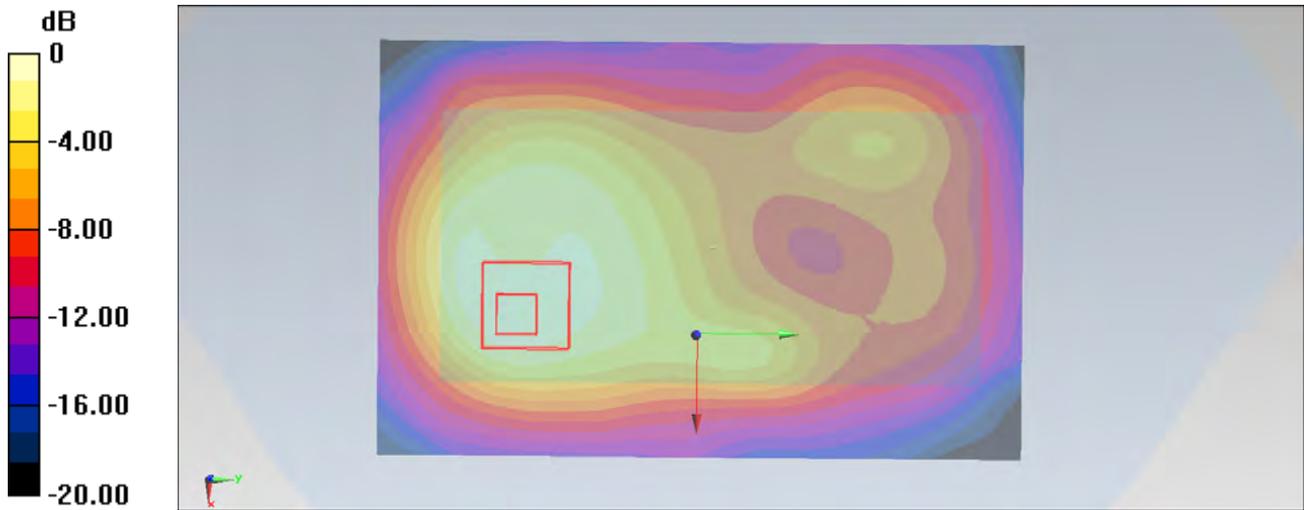
- ε Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- ε Sensor-Surface: 4mm (Mechanical Surface Detection)
- ε Electronics: DAE4 Sn1210; Calibrated: 2011/11/18

ε Phantom: SAM2; Type: SAM; Serial: TP-1477
ε Measurement SW: DASY52, Version 52.8 (2)

Multi Band Result:

SAR(1 g) = 1.55 mW/g; SAR(10 g) = 0.909 mW/g

Maximum value of SAR (interpolated) = 2.67 W/kg



0 dB = 2.67 W/kg = 8.53 dB W/kg

#113 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch1175_Headset_volume scan

DUT: 270201

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

Medium: MSL_1900_120901 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.539$ mho/m; $\epsilon_r = 54.655$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch1175/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

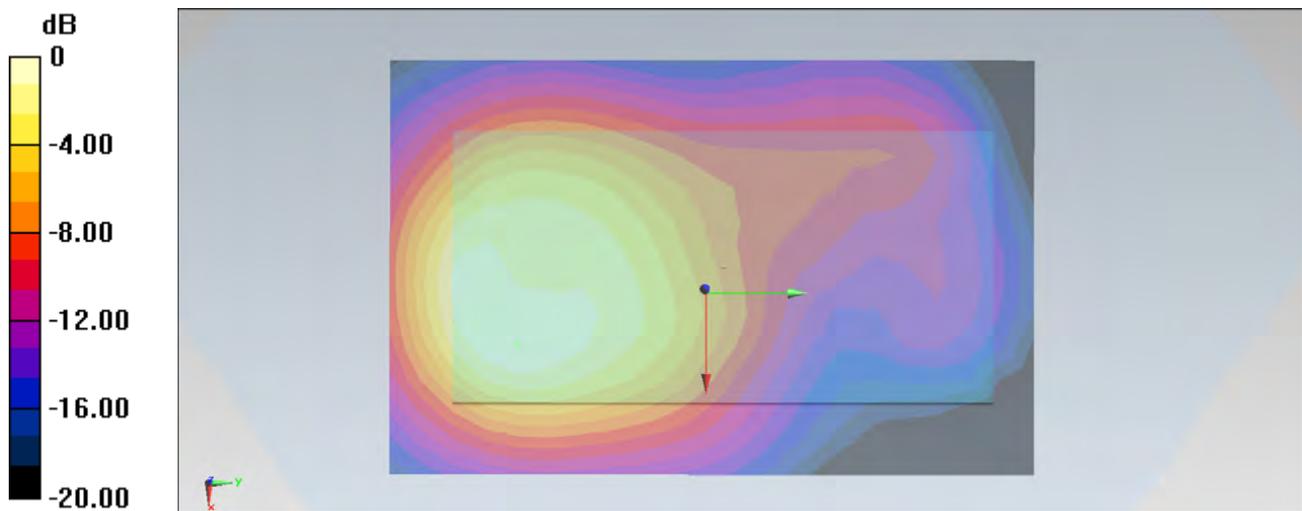
Reference Value = 13.893 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.249 mW/g

SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.760 mW/g

Total Absorbed Power = 0.0682273 W

Maximum value of SAR (measured) = 1.409 mW/g



0 dB = 1.410 mW/g

#133 LTE Band 25_QPSK(1 49)_10M_Back_1cm_Ch26365_Headset_volume scan

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120901 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 54.701$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch26635/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

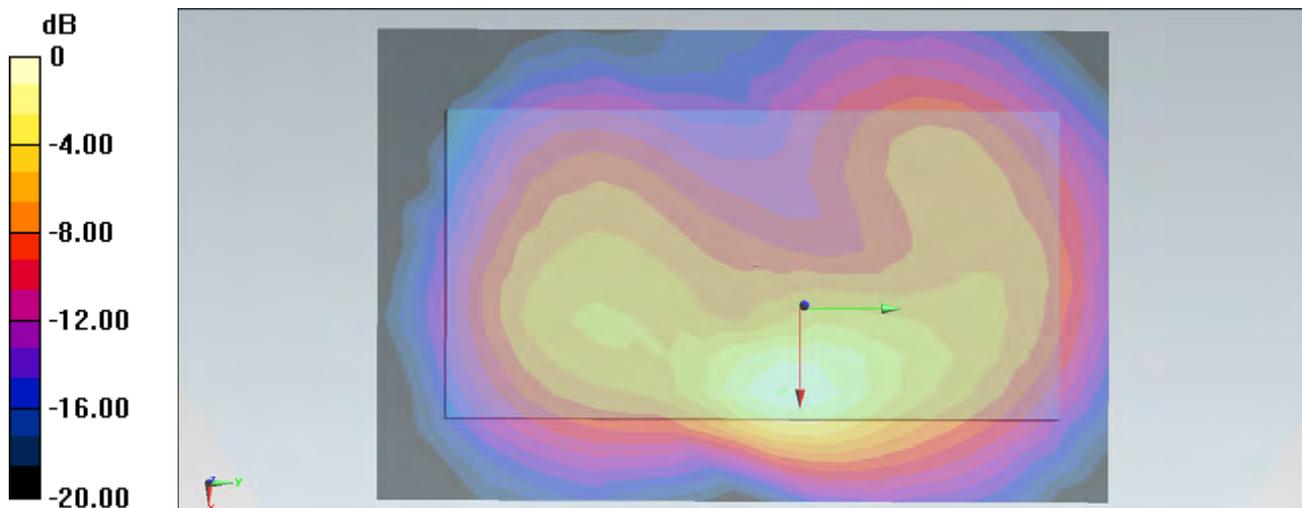
Reference Value = 7.676 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.088 mW/g

SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.266 mW/g

Total Absorbed Power = 0.0208497 W

Maximum value of SAR (measured) = 0.636 mW/g



0 dB = 0.640 mW/g

#107 802.11b_Back_1cm_1M_Ch11_Headset_volume scan

DUT: 270201

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

Medium: MSL_2450_120902 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.015$ mho/m; $\epsilon_r = 54.25$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

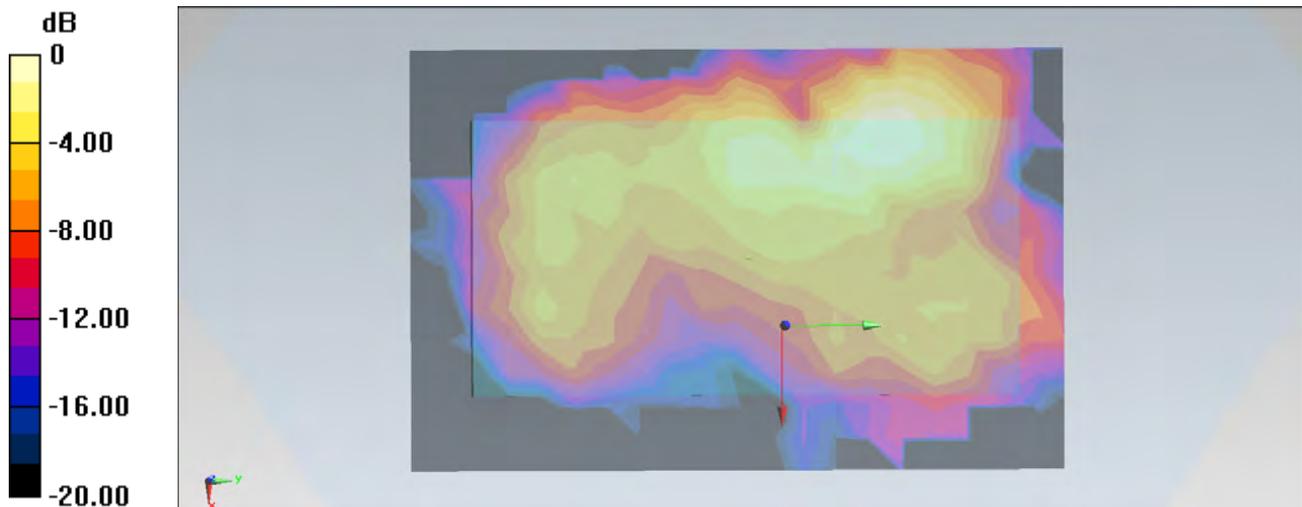
Reference Value = 2.359 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.100 mW/g

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.018 mW/g

Total Absorbed Power = 0.00127976 W

Maximum value of SAR (measured) = 0.050 mW/g



0 dB = 0.050 mW/g

#113 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch1175_Earphone_volume scan

DUT: 270201

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120901 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.539$ mho/m; $\epsilon_r = 54.655$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

- ε Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- ε Sensor-Surface: 4mm (Mechanical Surface Detection)
- ε Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- ε Phantom: SAM2; Type: SAM; Serial: TP-1477
- ε Measurement SW: DASYS2, Version 52.8 (2)

#133 LTE Band 25_QPSK(1 49)_10M_Back_1cm_Ch26365_Earphone_volume scan

DUT: 270201

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120901 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 54.701$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

- ε Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012/6/20;
- ε Sensor-Surface: 4mm (Mechanical Surface Detection)
- ε Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- ε Phantom: SAM2; Type: SAM; Serial: TP-1477
- ε Measurement SW: DASYS2, Version 52.8 (2)

#107 802.11b_Back_1cm_1M_Ch11_Earphone_volume scan

DUT: 270201

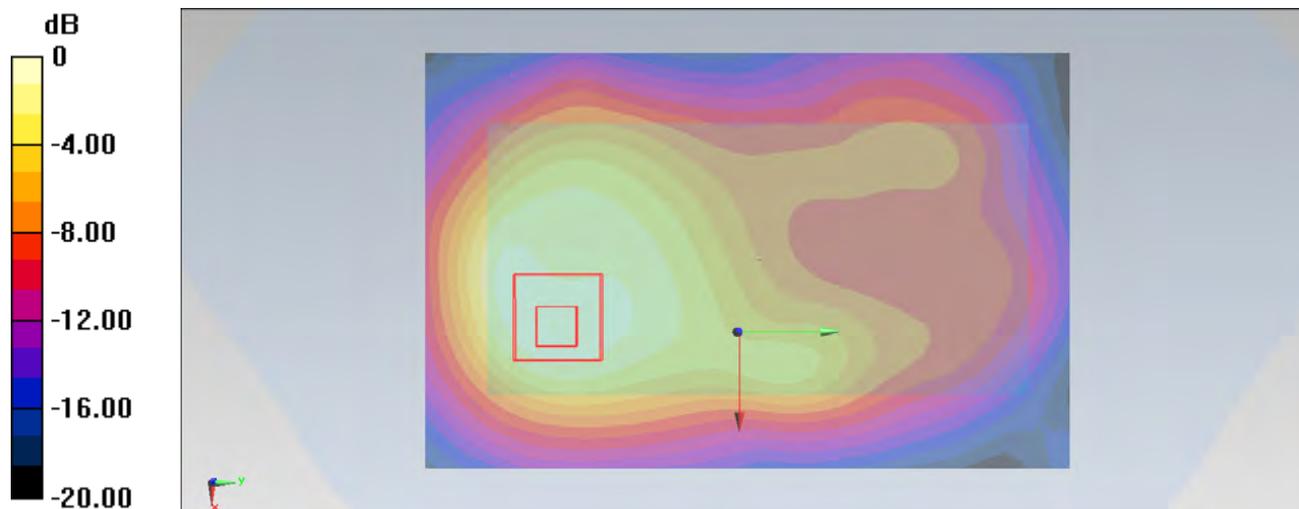
Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120902 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.015$ mho/m; $\epsilon_r = 54.25$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

- ε Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- ε Sensor-Surface: 4mm (Mechanical Surface Detection)
- ε Electronics: DAE4 Sn1210; Calibrated: 2011/11/18
- ε Phantom: SAM2; Type: SAM; Serial: TP-1477

Multi Band Result:

SAR(1 g) = 1.56 mW/g; SAR(10 g) = 0.910 mW/g

Maximum value of SAR (interpolated) = 2.67 W/kg



0 dB = 2.67 W/kg = 8.53 dB W/kg