Appendix B.   Plots of SAR Measurement

The plots are shown as follows.

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Page Number   : B1 of B1
Report Issued Date : Sep. 28, 2012
Report Version   : Rev. 01

#01 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch777

DUT: 281701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_850_120831 Medium parameters used: f = 848.31 MHz; σ = 0.909 mho/m; ε_r =

41.432; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.3 ℃

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
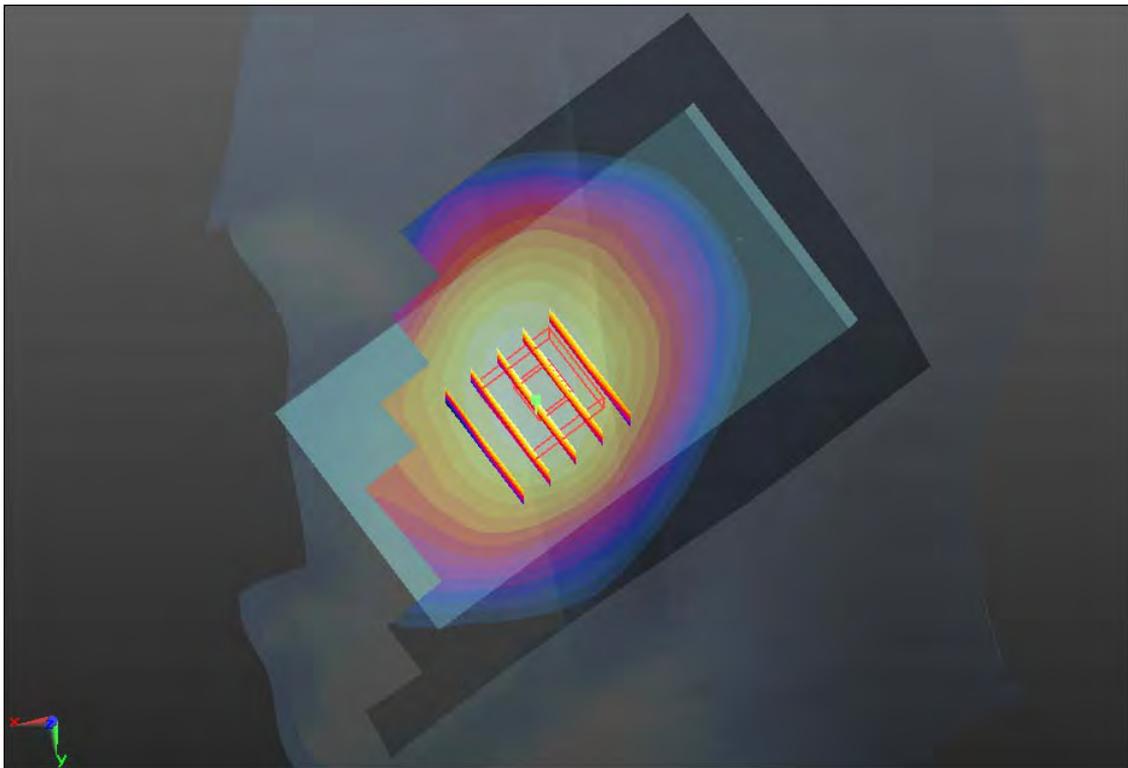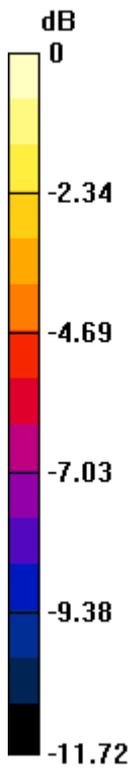Maximum value of SAR (interpolated) = 1.009 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.319 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.101 W/kg
SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.692 mW/g
Maximum value of SAR (measured) = 0.968 mW/g

0 dB = 0.970mW/g

#01 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch777_2D

DUT: 281701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_850_120831 Medium parameters used: f = 848.31 MHz; σ = 0.909 mho/m; ε_r =

41.432; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.3 ℃

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) = 1.009 mW/g

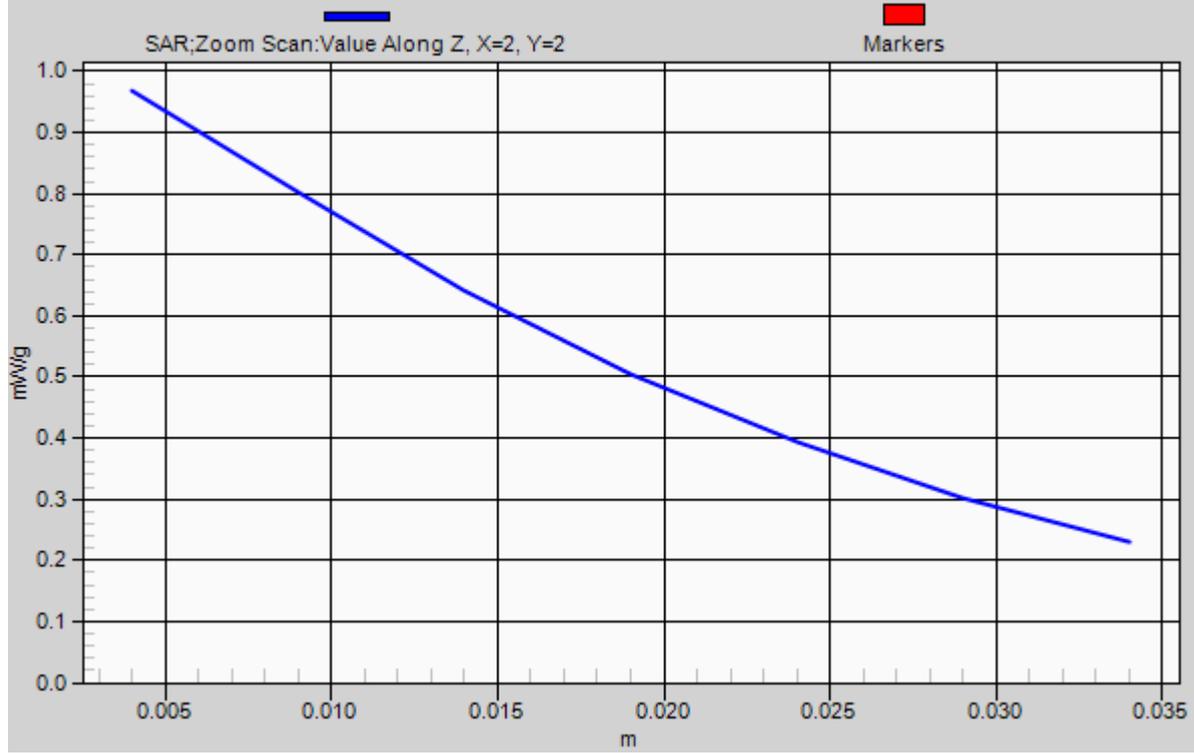**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.319 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.101 W/kg
SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.692 mW/g
Maximum value of SAR (measured) = 0.968 mW/g

1g/10g Averaged SAR

SAR;Zoom Scan:Value Along Z, X=2, Y=2   Markers

#146 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch777

DUT: 281701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_835_120904 Medium parameters used: f = 848.31 MHz; σ = 0.909 mho/m; ε$_r$ =

41.459; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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
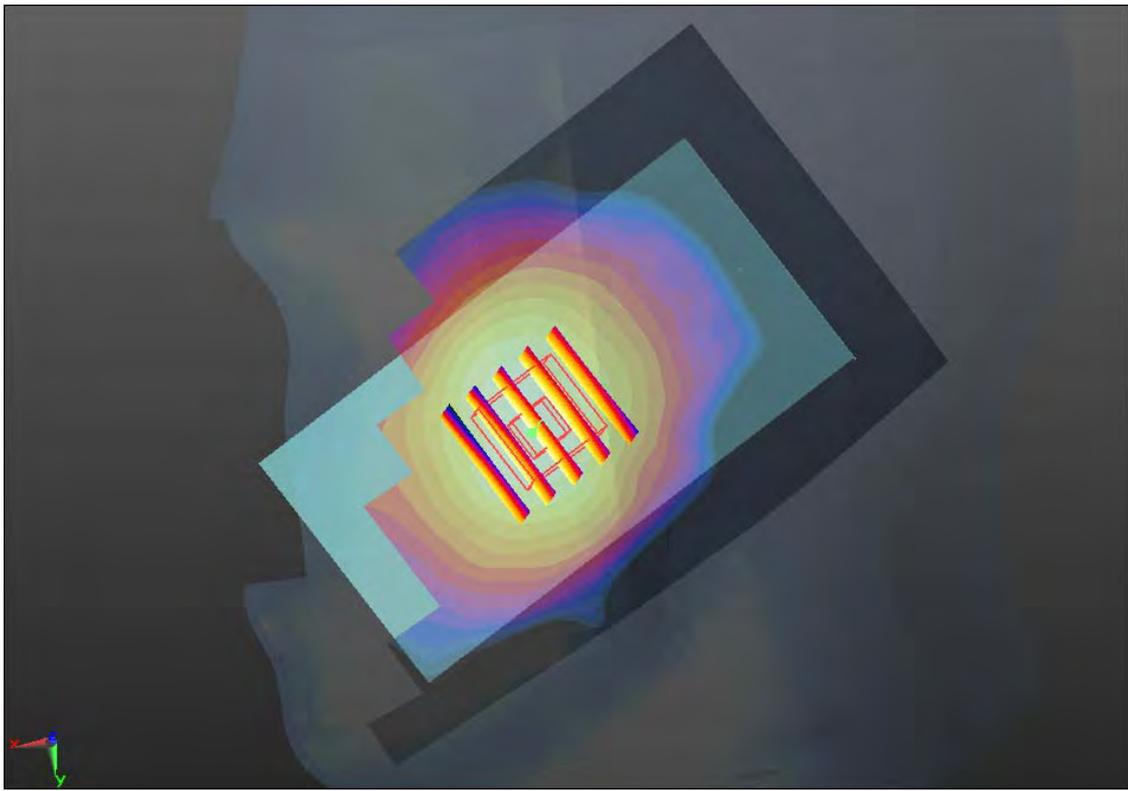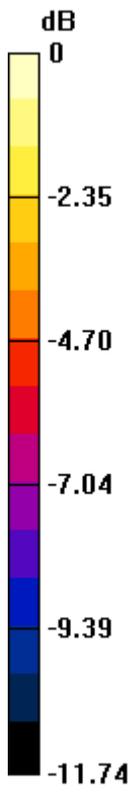Maximum value of SAR (interpolated) = 0.179 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.028 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.192 W/kg
SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.122 mW/g
Maximum value of SAR (measured) = 0.172 mW/g

0 dB = 0.170mW/g

#129 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch1013

DUT: 281701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_850_120831 Medium parameters used: f = 825 MHz; σ = 0.883 mho/m; ε_r = 41.605;

ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.3 ℃

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)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
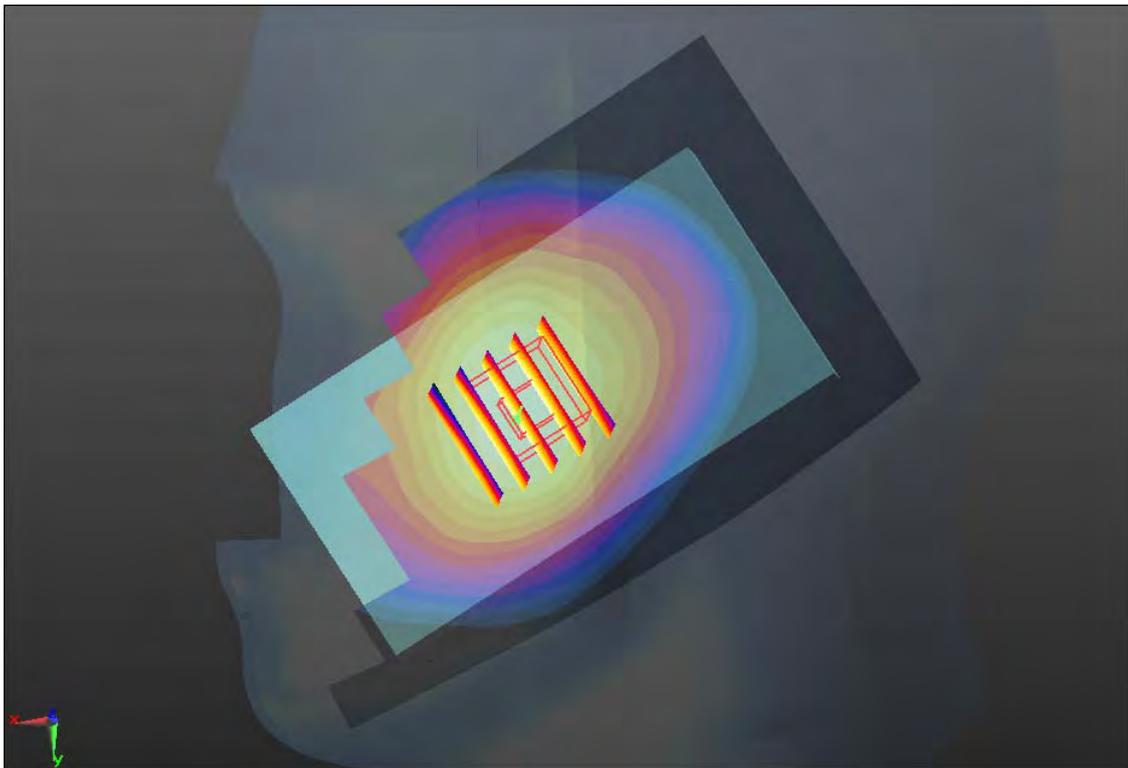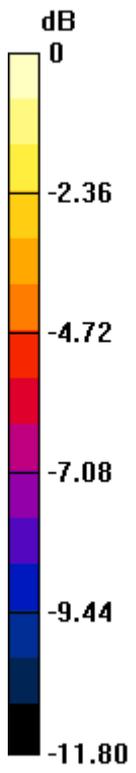Maximum value of SAR (interpolated) = 0.775 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.297 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.868 W/kg
SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.536 mW/g
Maximum value of SAR (measured) = 0.757 mW/g

0 dB = 0.760mW/g

#130 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch384

DUT: 281701

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: HSL_850_120831 Medium parameters used: f = 837 MHz; σ = 0.896 mho/m; ε_r = 41.504;

ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.3 ℃

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)

Ch384/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
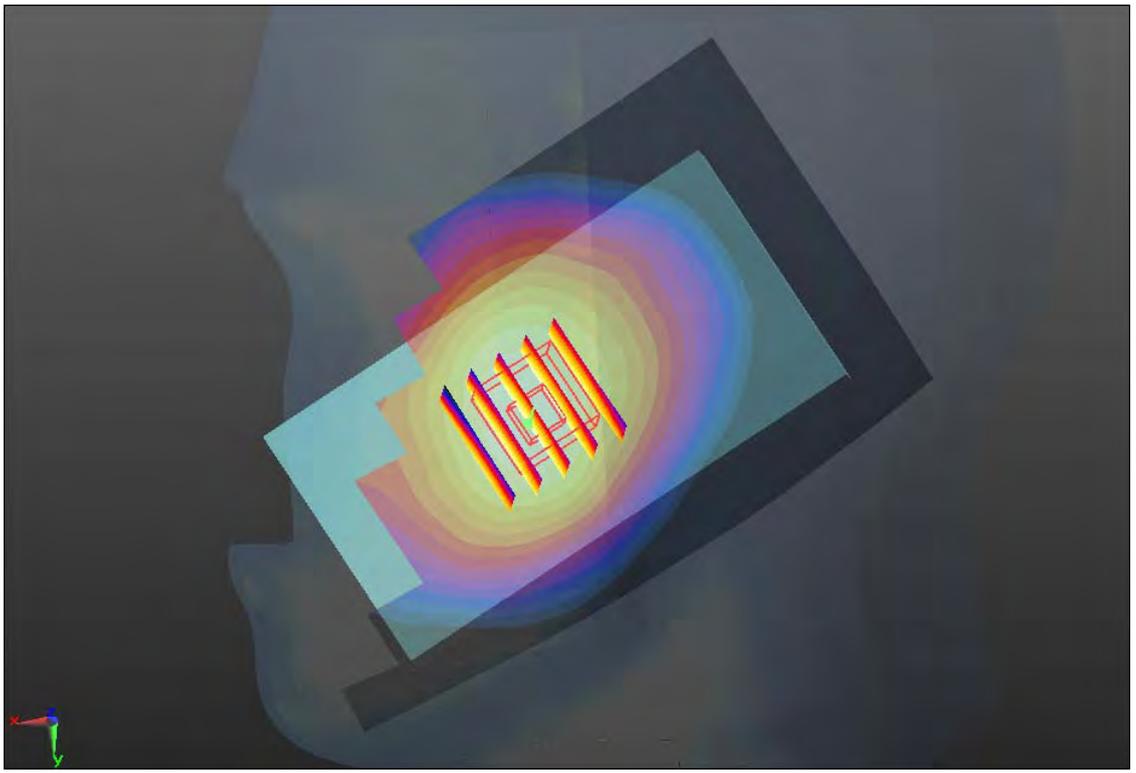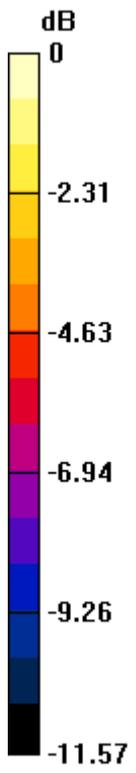Maximum value of SAR (interpolated) = 0.941 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.632 V/m; Power Drift = -0.0089 dB
Peak SAR (extrapolated) = 1.046 W/kg
SAR(1 g) = 0.879 mW/g; SAR(10 g) = 0.659 mW/g
Maximum value of SAR (measured) = 0.911 mW/g

0 dB = 0.910mW/g

#02 CDMA2000 BC0_RC3 SO55_Right Tilted_Ch777

DUT: 281701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_850_120831 Medium parameters used: f = 848.31 MHz; σ = 0.909 mho/m; ε_r =

41.432; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.3 ℃

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
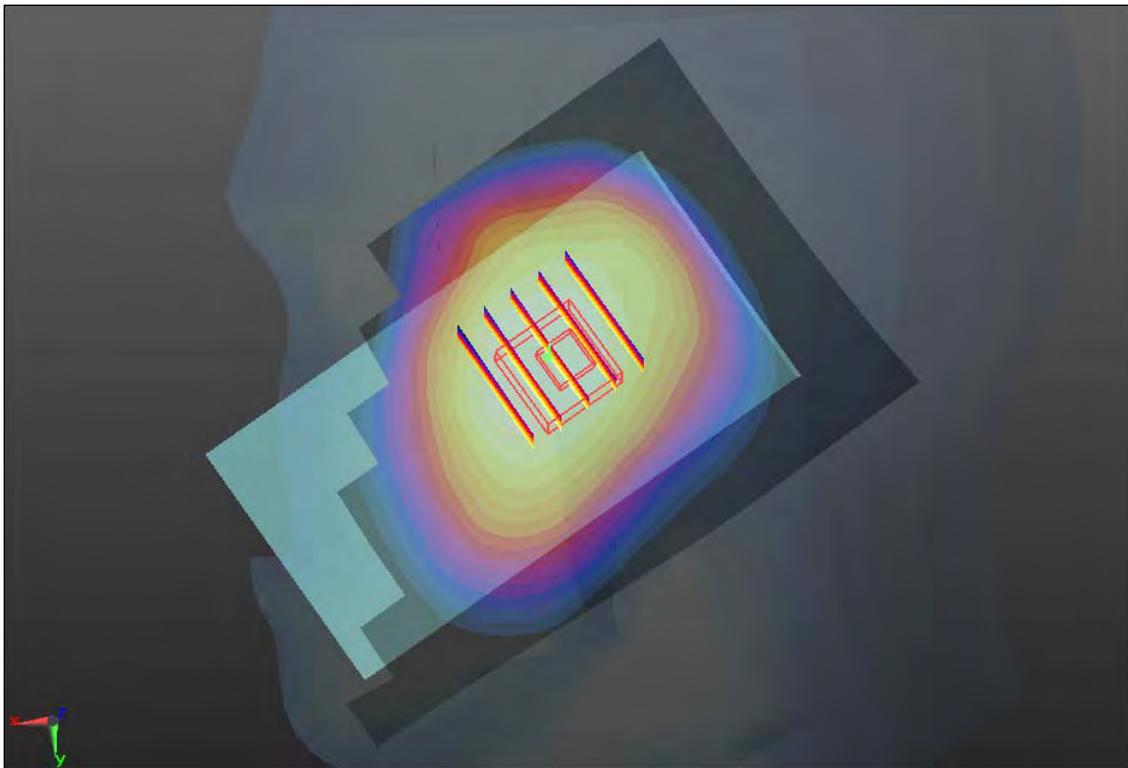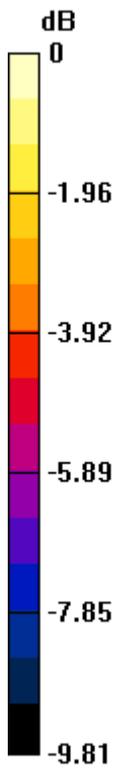Maximum value of SAR (interpolated) = 0.572 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.235 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.648 W/kg
SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.407 mW/g
Maximum value of SAR (measured) = 0.552 mW/g

0 dB = 0.550mW/g

#03 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch777

DUT: 281701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_850_120831 Medium parameters used: f = 848.31 MHz; σ = 0.909 mho/m; ε_r =

41.432; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.3 ℃

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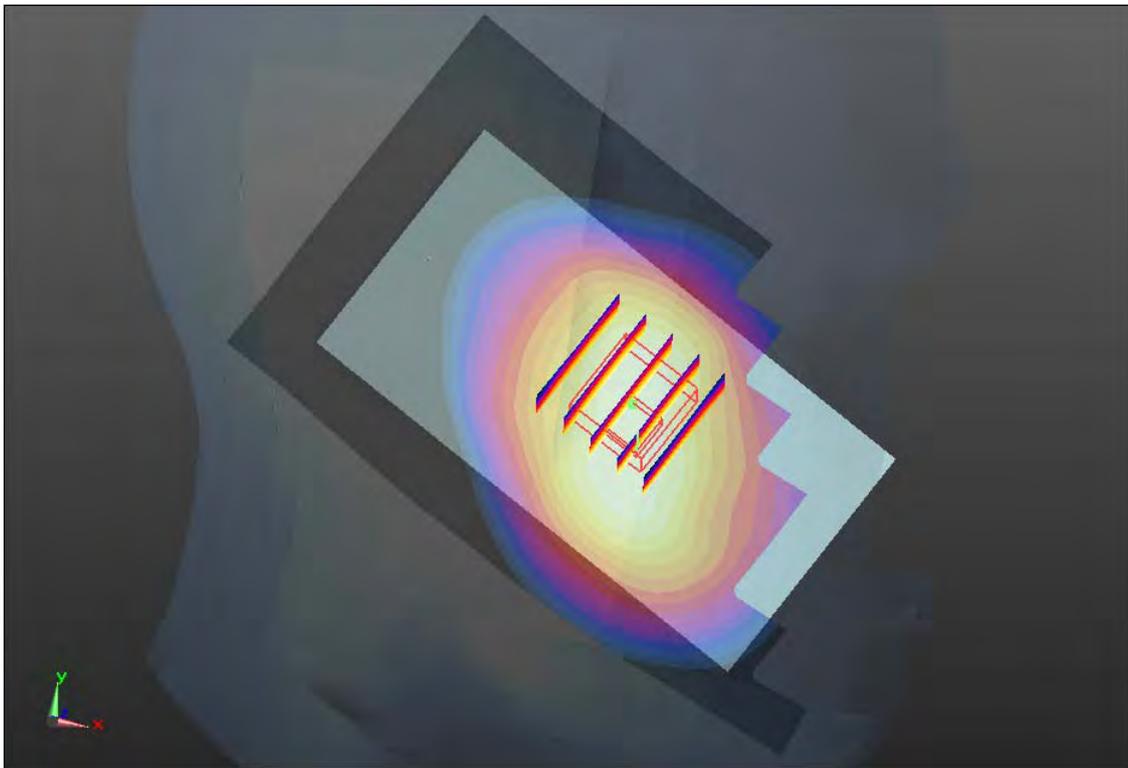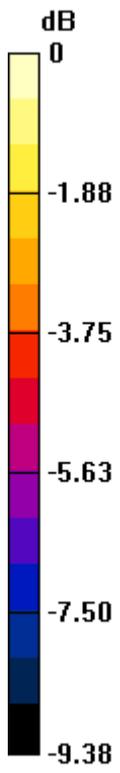Maximum value of SAR (interpolated) = 0.853 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.481 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.029 W/kg
SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.589 mW/g
Maximum value of SAR (measured) = 0.842 mW/g

0 dB = 0.840mW/g

#147 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch777

DUT: 281701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_835_120904 Medium parameters used: f = 848.31 MHz; σ = 0.909 mho/m; ε_r =

41.459; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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
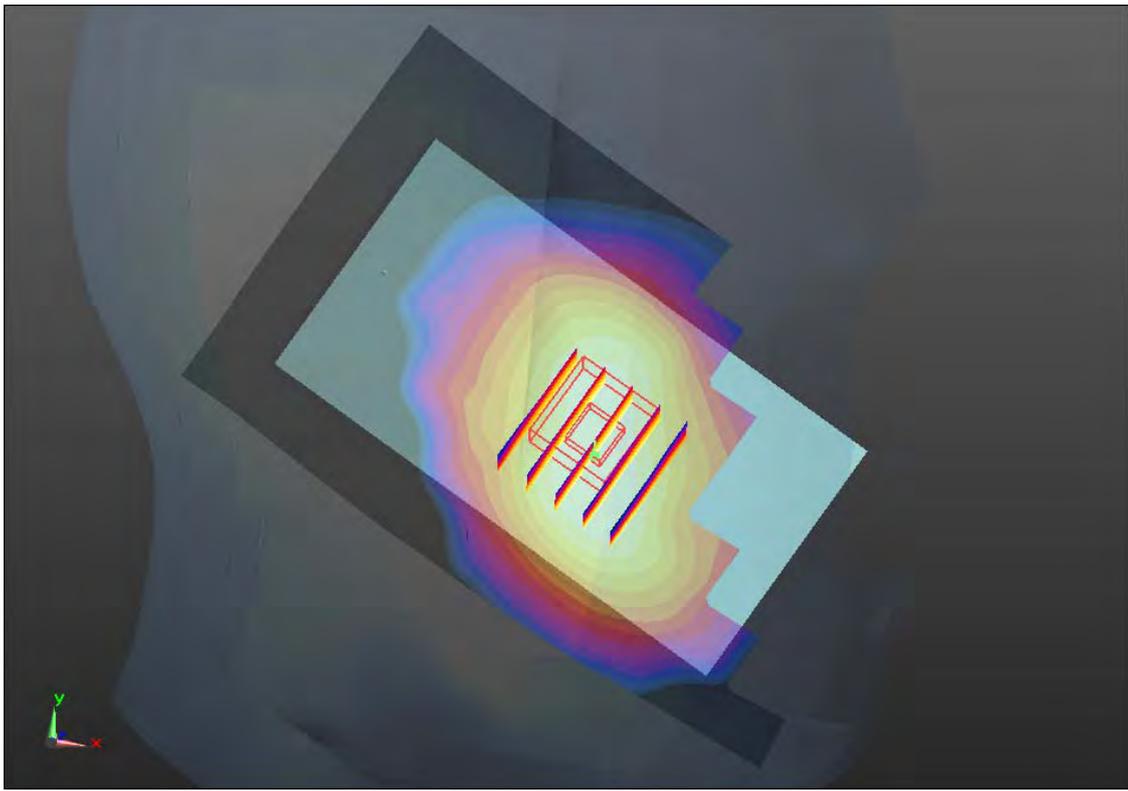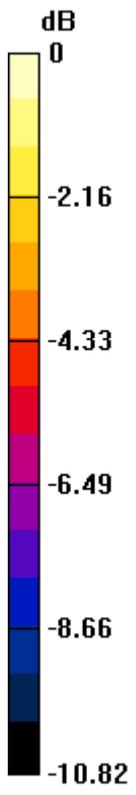Maximum value of SAR (interpolated) = 0.134 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.622 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.165 W/kg
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.132 mW/g

0 dB = 0.130mW/g

#04 CDMA2000 BC0_RC3 SO55_Left Tilted_Ch777

DUT: 281701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_850_120831 Medium parameters used: f = 848.31 MHz; σ = 0.909 mho/m; ε_r =

41.432; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.3 ℃

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
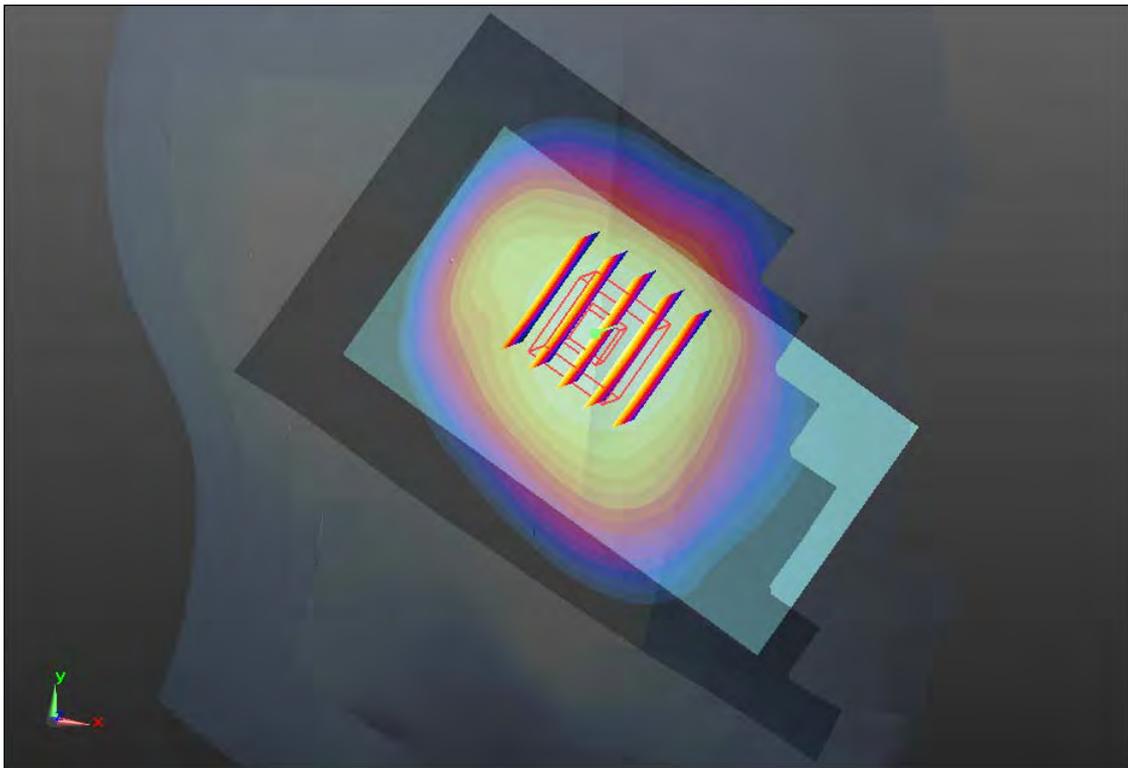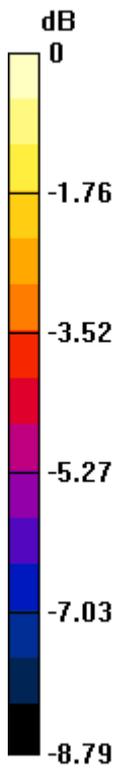Maximum value of SAR (interpolated) = 0.536 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.038 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.611 W/kg
SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.390 mW/g
Maximum value of SAR (measured) = 0.538 mW/g

0 dB = 0.540mW/g

#05 CDMA2000 BC1_RC3 SO55_Right Cheek_1175

DUT: 281701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1909 MHz; σ = 1.429 mho/m; ε_r =

40.636; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.271 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.219 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.716 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.634 mW/g
Maximum value of SAR (measured) = 1.213 mW/g
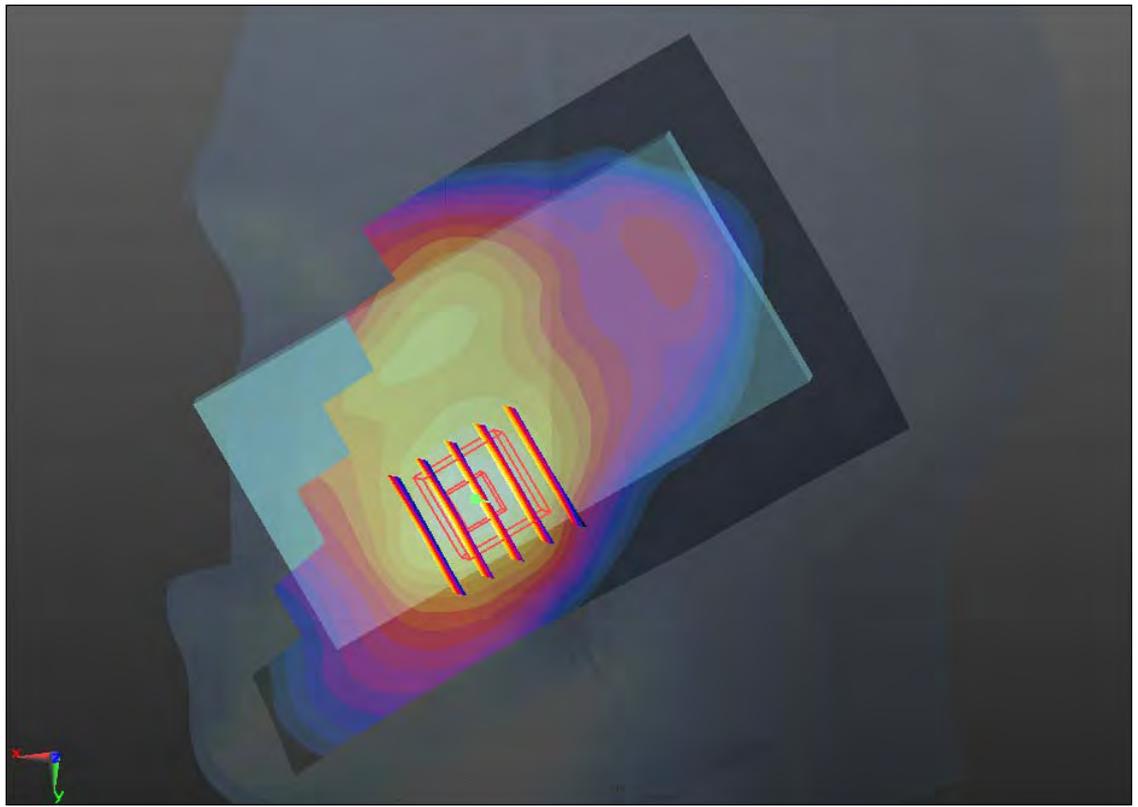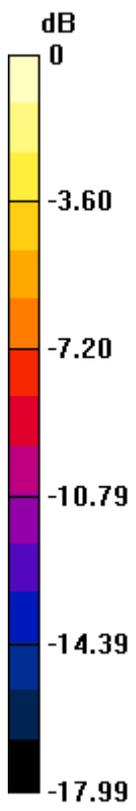
0 dB = 1.210mW/g

#133 CDMA2000 BC1_RC3 SO55_Right Cheek_25

DUT: 281701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1851.25 MHz; σ = 1.363 mho/m; ε_r =

40.812; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.319 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.440 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.757 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.687 mW/g
Maximum value of SAR (measured) = 1.258 mW/g
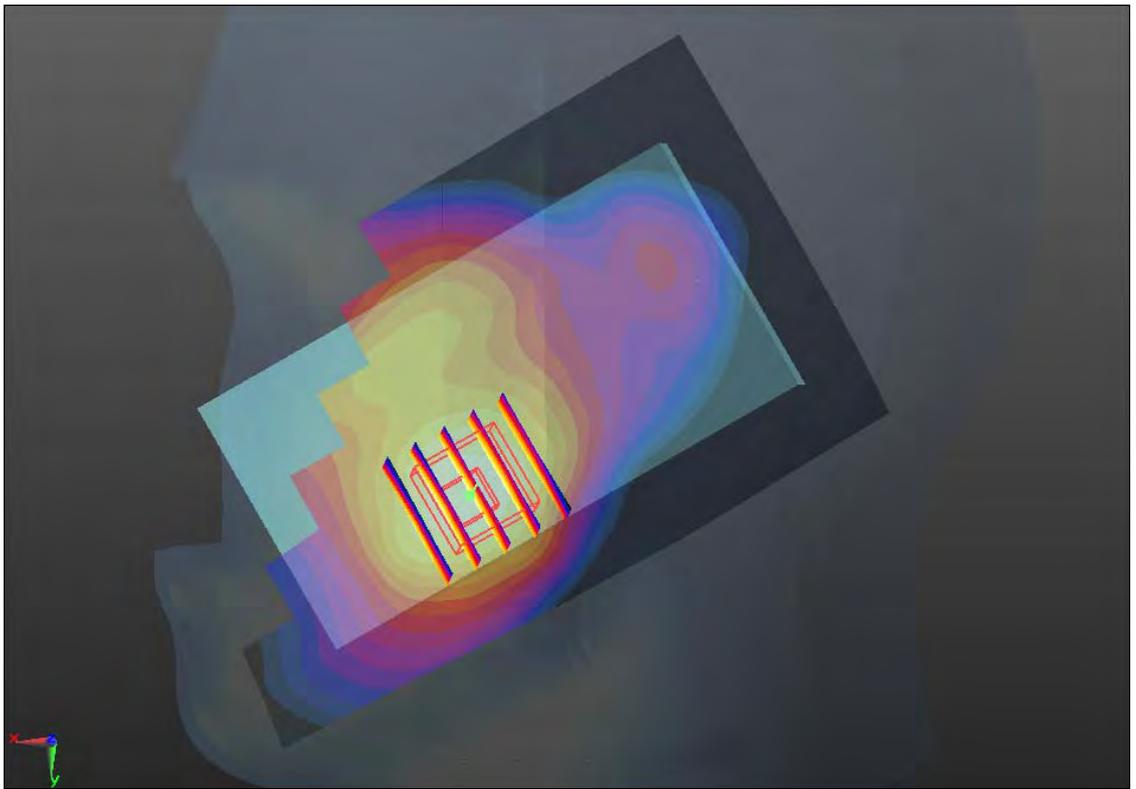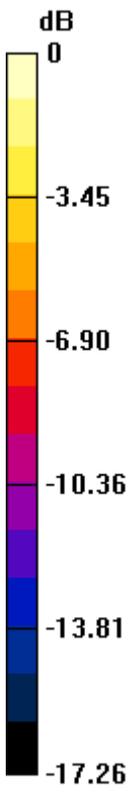
0 dB = 1.260mW/g

#134 CDMA2000 BC1_RC3 SO55_Right Cheek_600

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1880 MHz; σ = 1.399 mho/m; ε_r =

40.745; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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
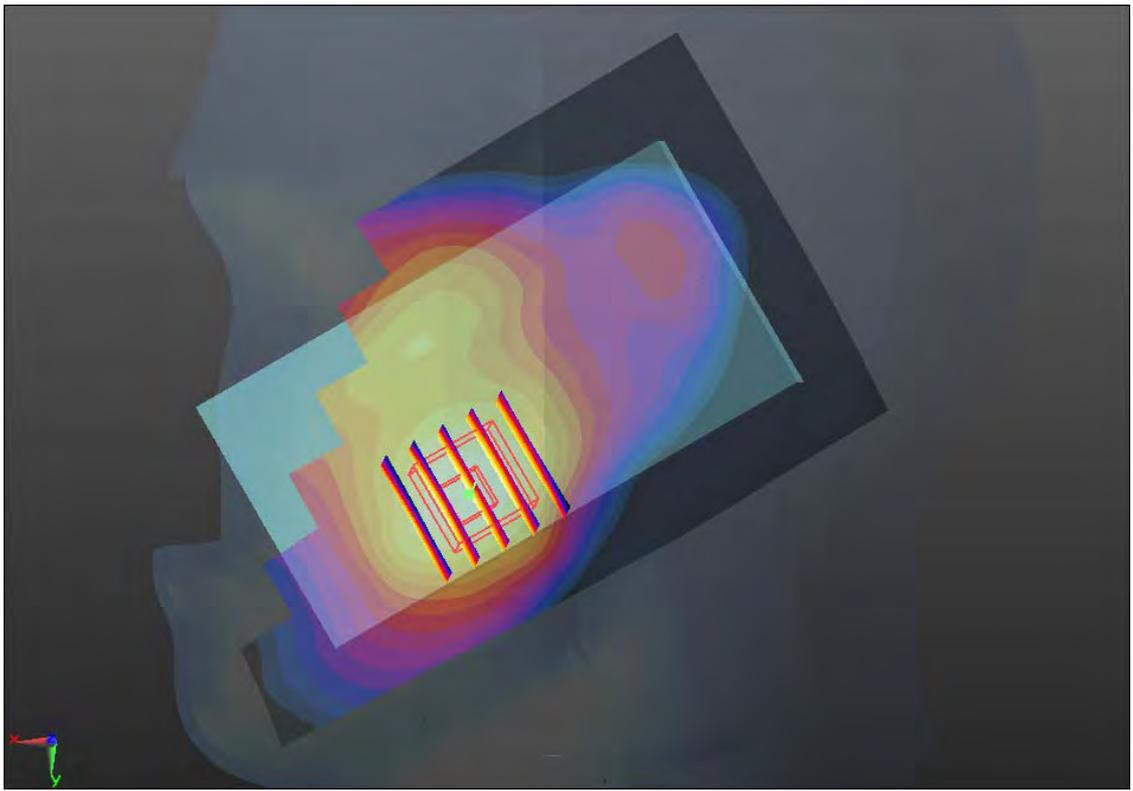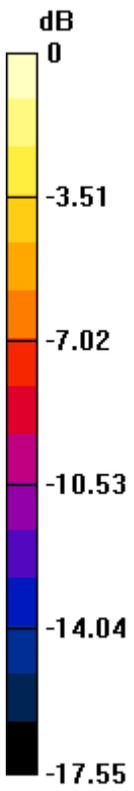Maximum value of SAR (interpolated) = 1.374 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.065 V/m; Power Drift = -0.0078 dB
Peak SAR (extrapolated) = 1.824 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.708 mW/g
Maximum value of SAR (measured) = 1.307 mW/g

0 dB = 1.310mW/g

#148 CDMA BC1_RC3 SO55_Right Cheek_600

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120904 Medium parameters used: f = 1880 MHz; σ = 1.432 mho/m; ε_r = 39.215; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.2 ℃

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
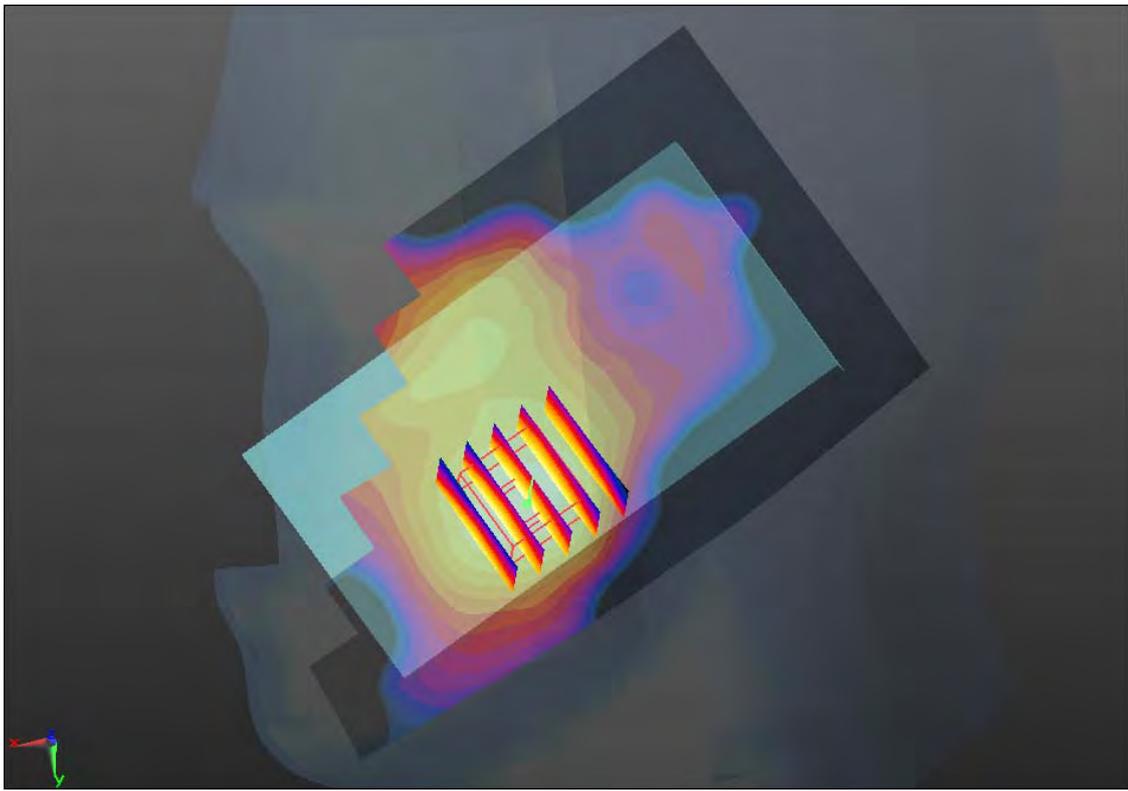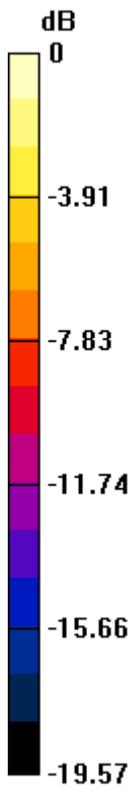Maximum value of SAR (interpolated) = 0.329 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.408 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.441 W/kg
SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.166 mW/g
Maximum value of SAR (measured) = 0.316 mW/g

0 dB = 0.320mW/g

#06 CDMA2000 BC1_RC3 SO55_Right Tilted_1175

DUT: 281701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1909 MHz; σ = 1.429 mho/m; ε_r =

40.636; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.260 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.905 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.390 W/kg
SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.124 mW/g
Maximum value of SAR (measured) = 0.236 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.905 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.101 mW/g
Maximum value of SAR (measured) = 0.171 mW/g
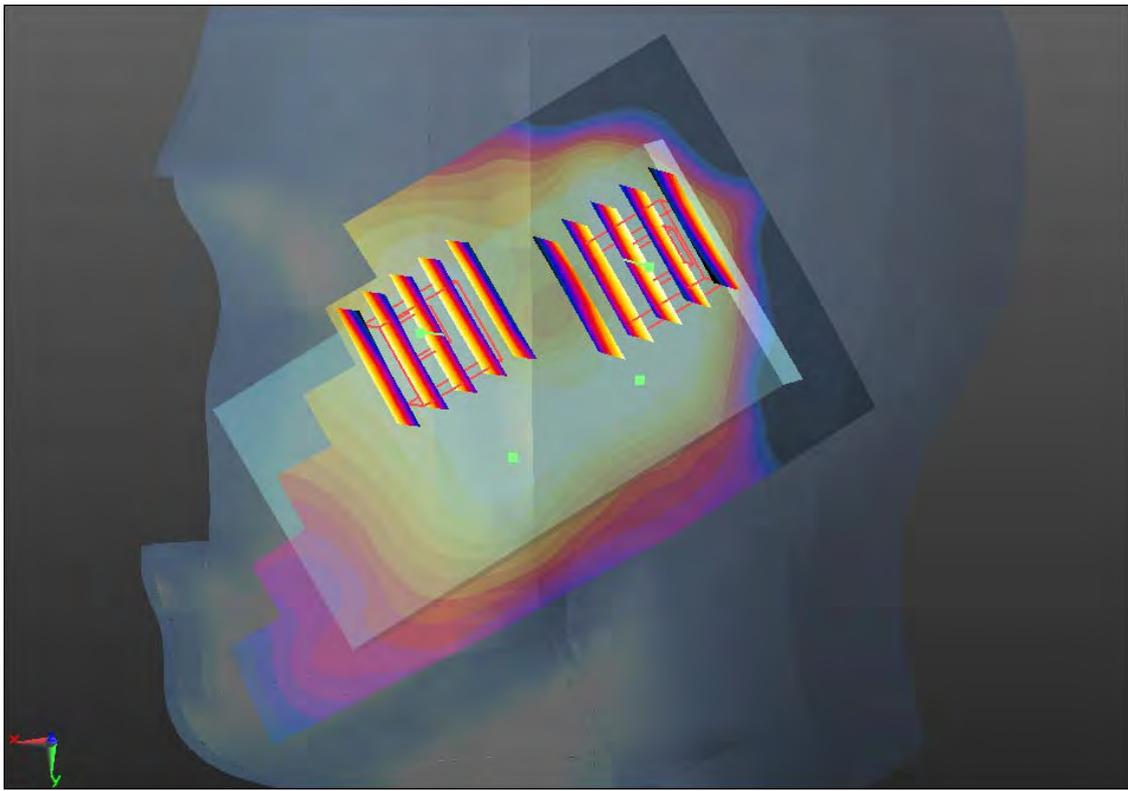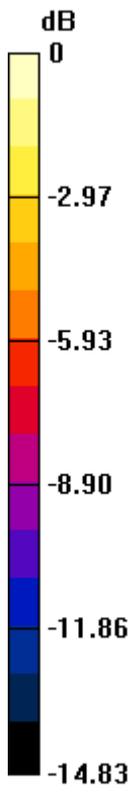
0 dB = 0.170mW/g

#07 CDMA2000 BC1_RC3 SO55_Left Cheek_1175

DUT: 281701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1909 MHz; σ = 1.429 mho/m; ε_r =

40.636; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
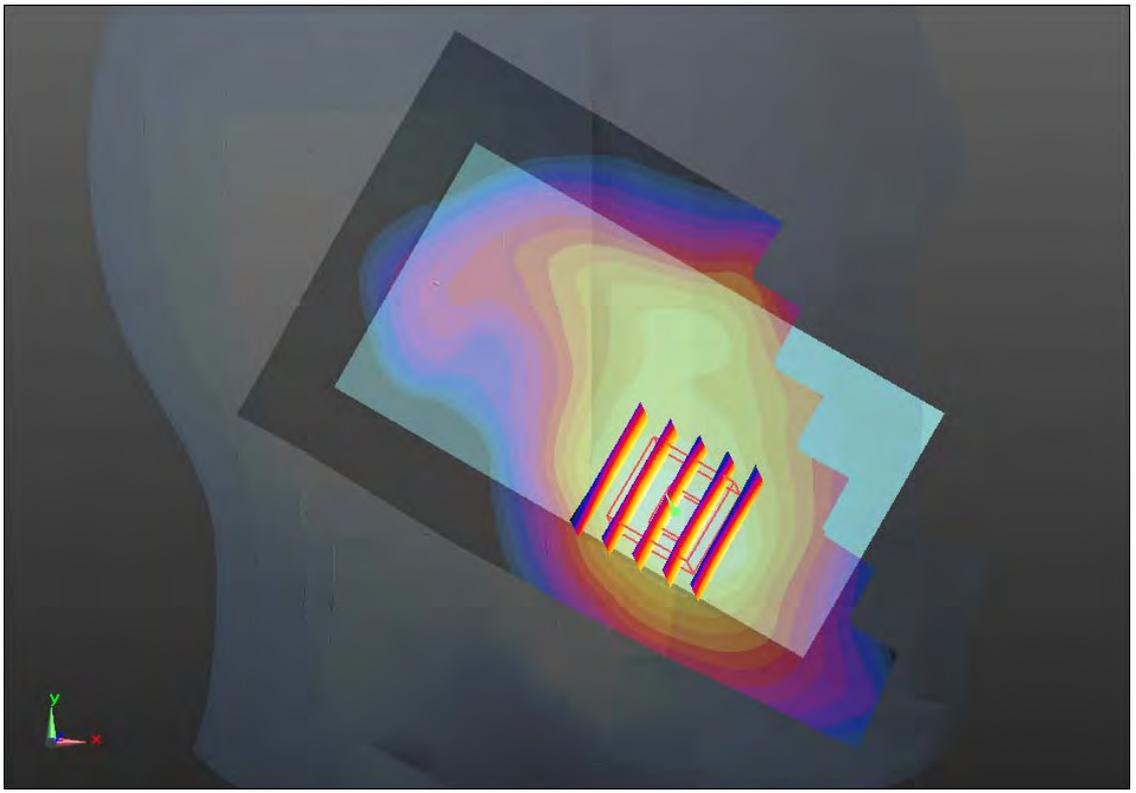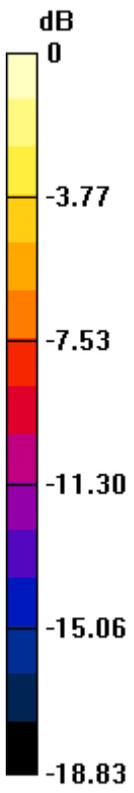Maximum value of SAR (interpolated) = 1.261 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.191 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.789 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.628 mW/g
Maximum value of SAR (measured) = 1.200 mW/g

0 dB = 1.200mW/g

#135 CDMA2000 BC1_RC3 SO55_Left Cheek_25

DUT: 281701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1851.25 MHz; σ = 1.363 mho/m; ε$_r$ =

40.812; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch25/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.307 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.364 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.872 W/kg
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.669 mW/g
Maximum value of SAR (measured) = 1.265 mW/g
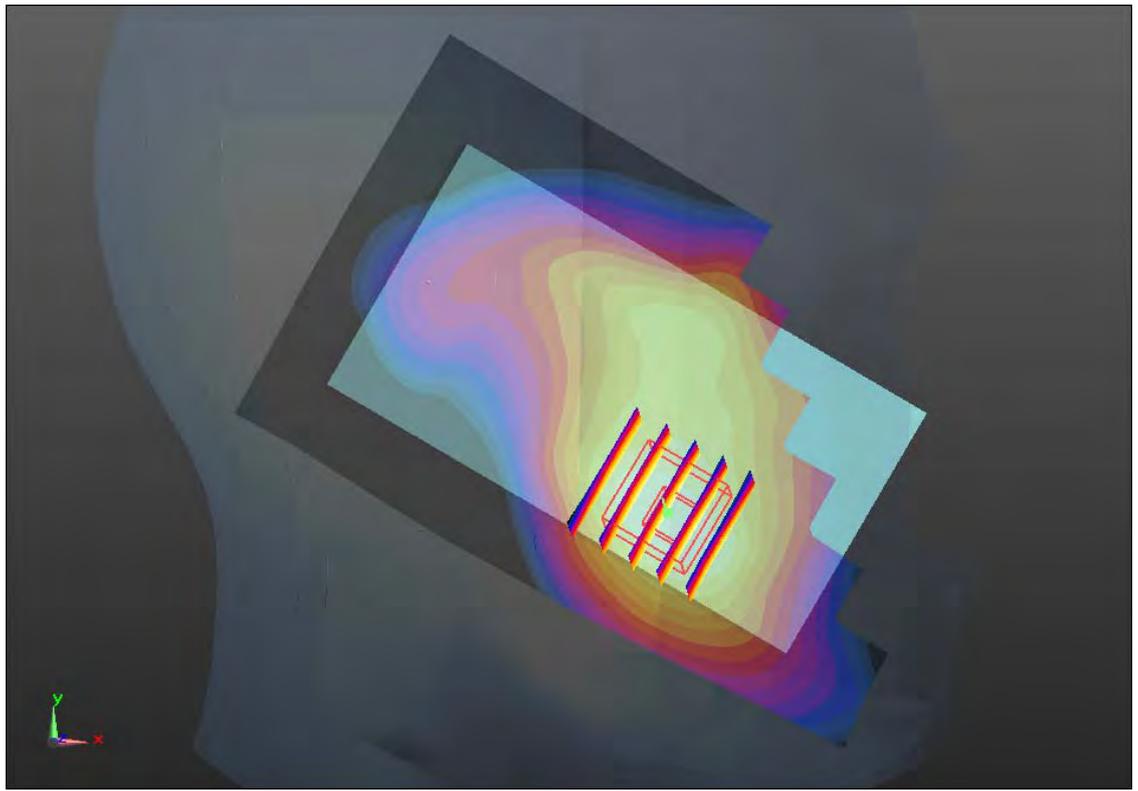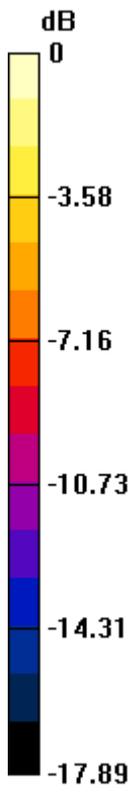
0 dB = 1.260mW/g

#136 CDMA2000 BC1_RC3 SO55_Left Cheek_600

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1880 MHz; σ = 1.399 mho/m; ε_r =

40.745; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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) = 1.358 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.946 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.966 W/kg
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.692 mW/g
Maximum value of SAR (measured) = 1.304 mW/g

0 dB = 1.300mW/g

#136 CDMA2000 BC1_RC3 SO55_Left Cheek_600_2D

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1880 MHz; σ = 1.399 mho/m; ε_r =

40.745; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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
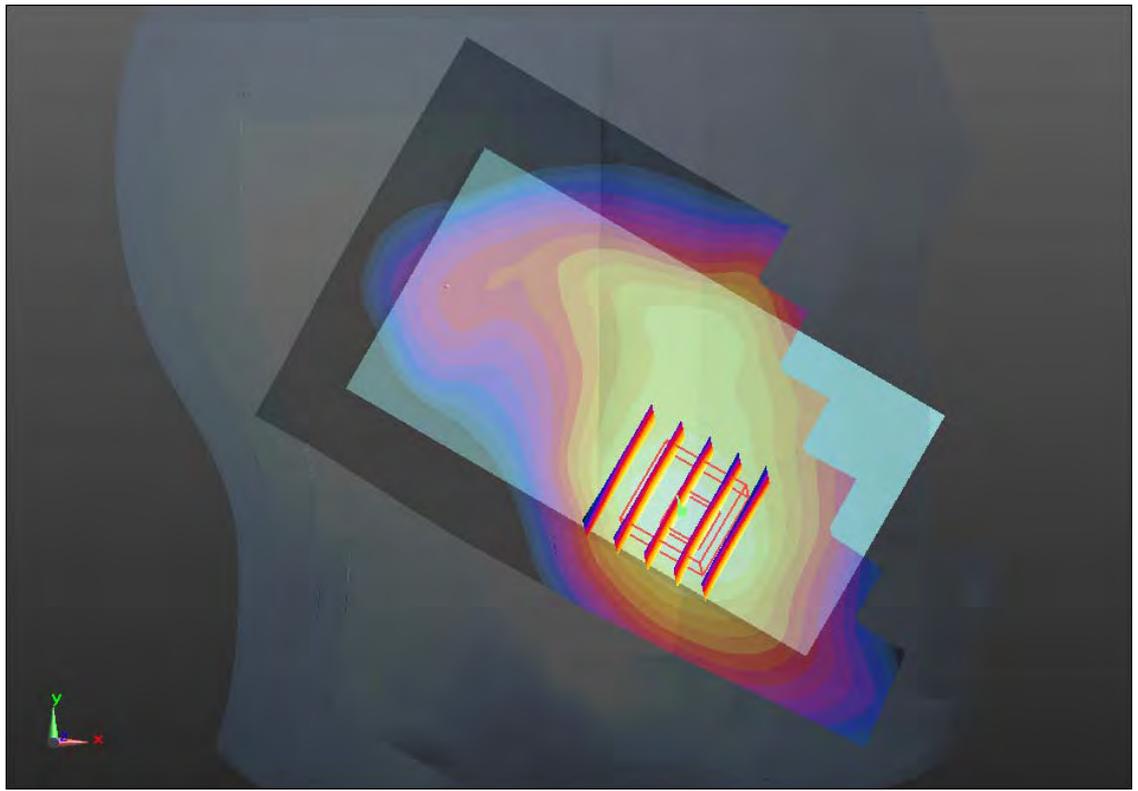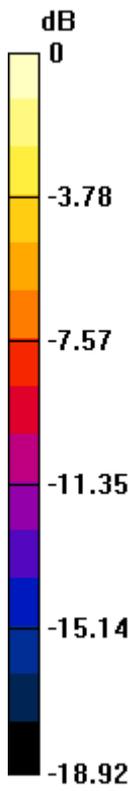Maximum value of SAR (interpolated) = 1.358 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.946 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.966 W/kg
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.692 mW/g
Maximum value of SAR (measured) = 1.304 mW/g

#149 CDMA BC1_RC3 SO55_Left Cheek_600

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120904 Medium parameters used: f = 1880 MHz; σ = 1.432 mho/m; ε_r =

39.215; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.2 ℃

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) = 0.313 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.222 V/m; Power Drift = 0.0069 dB
Peak SAR (extrapolated) = 0.417 W/kg
SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.146 mW/g
Maximum value of SAR (measured) = 0.278 mW/g
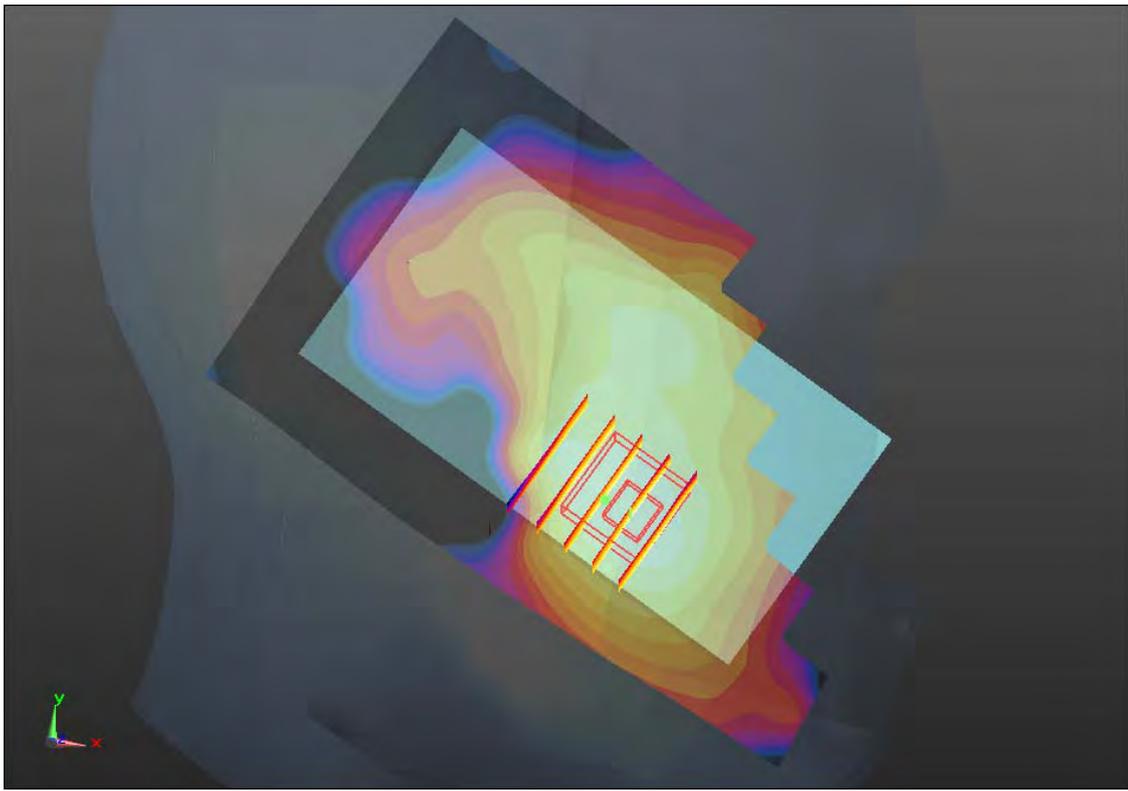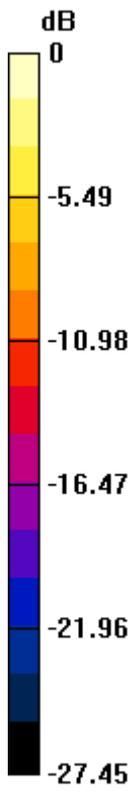
0 dB = 0.280mW/g

#08 CDMA2000 BC1_RC3 SO55_Left Tilted_1175

DUT: 281701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1909 MHz; σ = 1.429 mho/m; ε_r =

40.636; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch1175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.243 mW/g

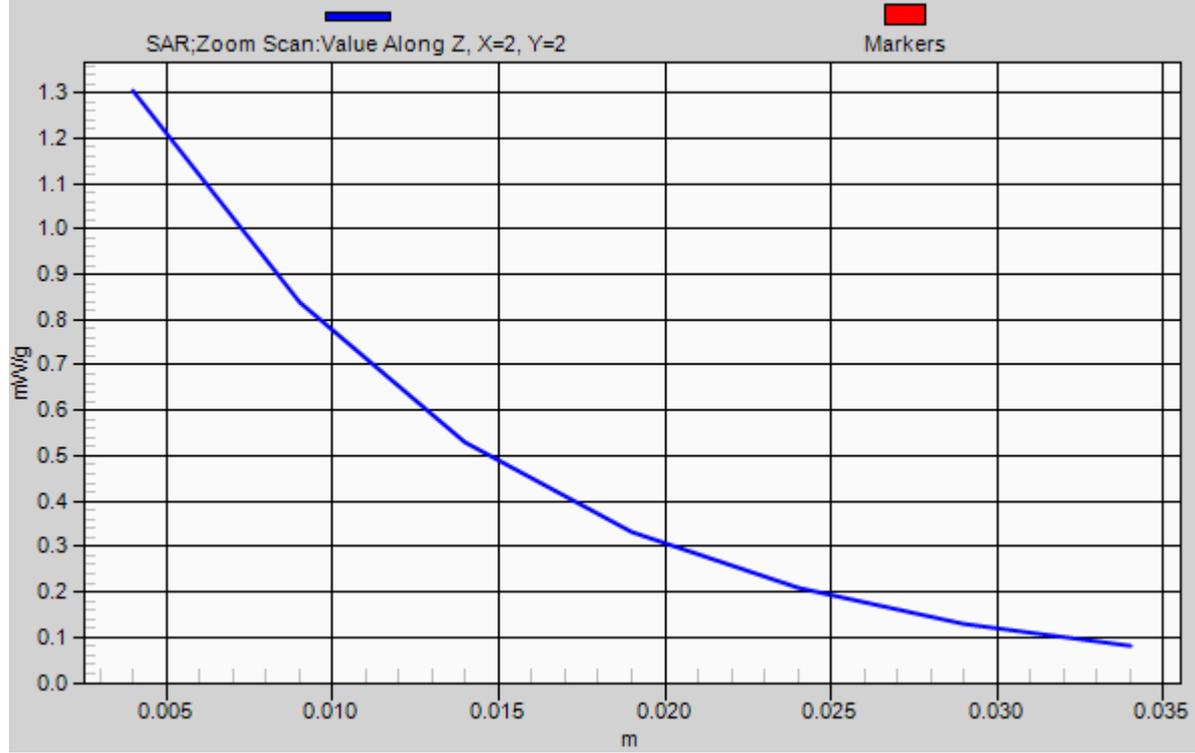**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.737 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR (measured) = 0.240 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.737 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.271 W/kg
SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.115 mW/g
Maximum value of SAR (measured) = 0.195 mW/g
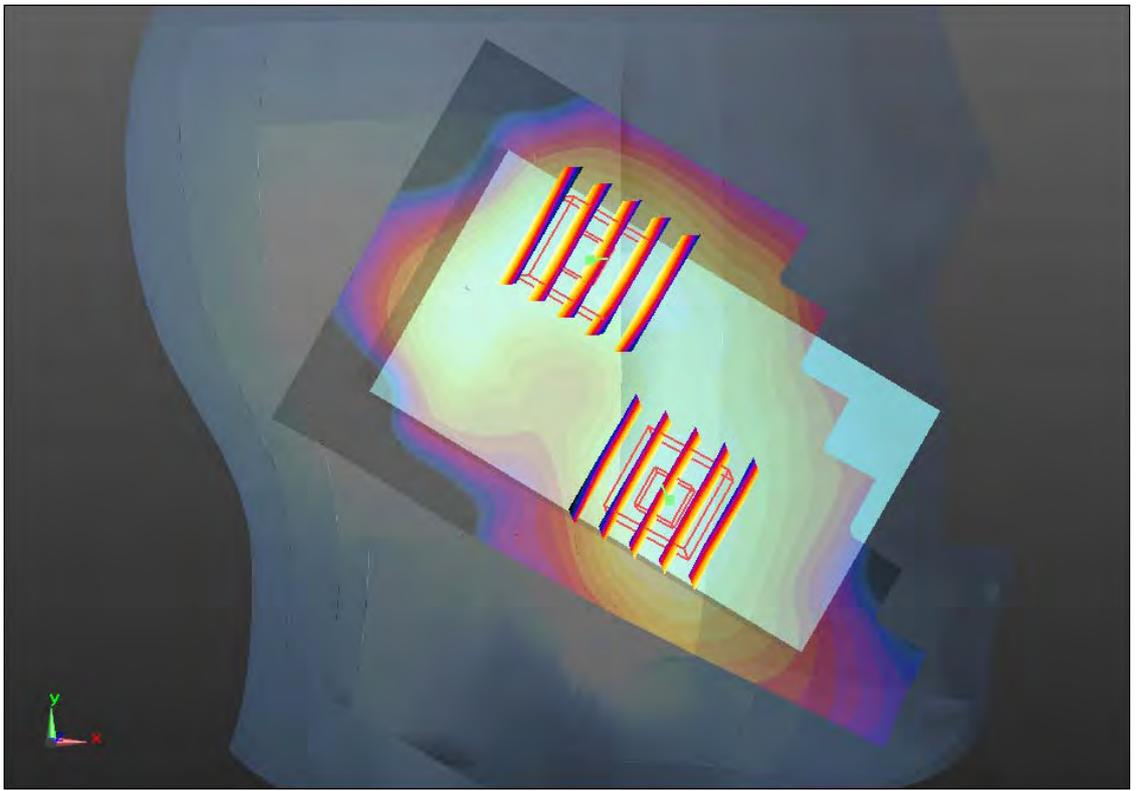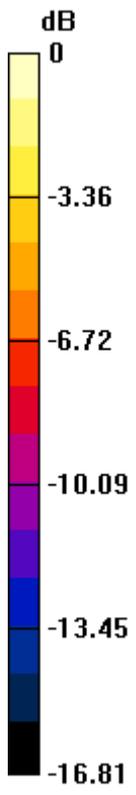
0 dB = 0.200mW/g

#09 CDMA2000 BC10_RC3 SO55_Right Cheek_Ch580

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_120831 Medium parameters used: f = 820.5 MHz; σ = 0.879 mho/m; ε_r =

41.656; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.3 ℃

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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.768 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.016 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.864 W/kg
SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.544 mW/g
Maximum value of SAR (measured) = 0.756 mW/g

0 dB = 0.760mW/g

#09 CDMA2000 BC10_RC3 SO55_Right Cheek_Ch580_2D

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_120831 Medium parameters used: f = 820.5 MHz; σ = 0.879 mho/m; ε_r =

41.656; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.3 ℃

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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
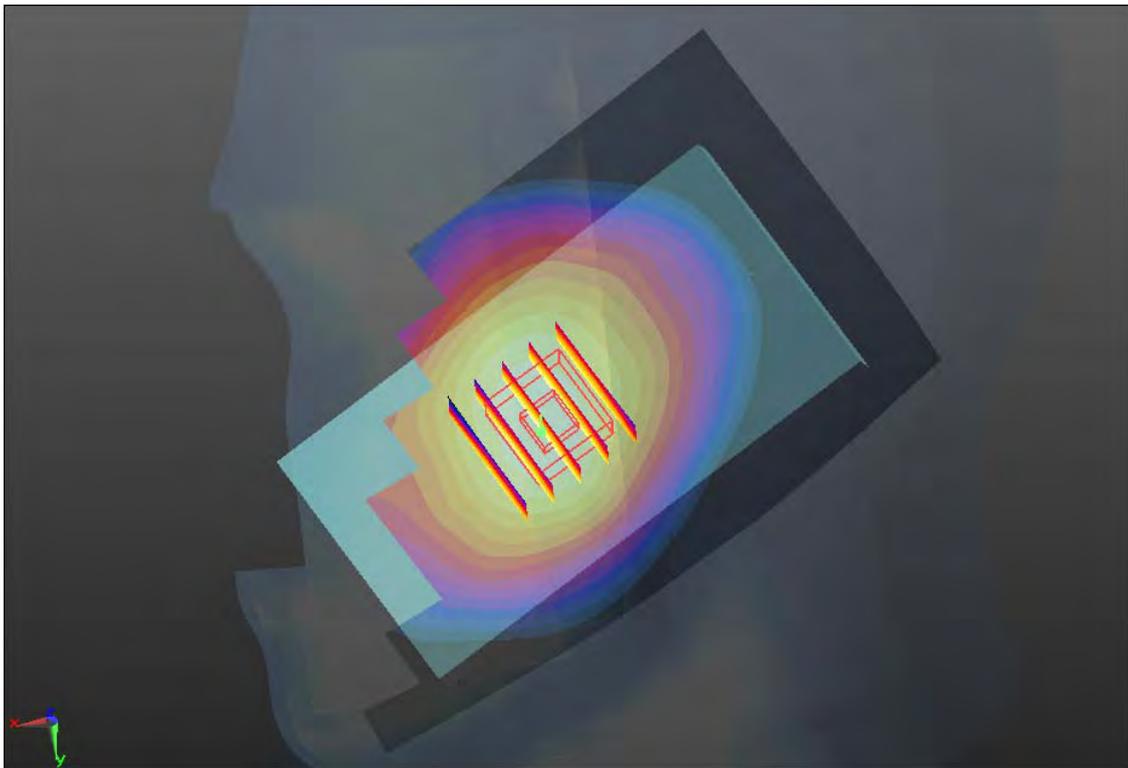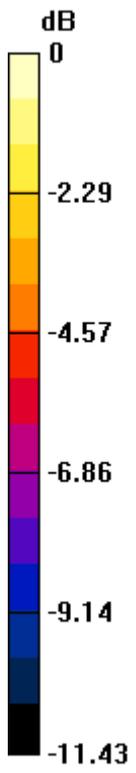Maximum value of SAR (interpolated) = 0.768 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.016 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.864 W/kg
SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.544 mW/g
Maximum value of SAR (measured) = 0.756 mW/g

1g/10g Averaged SAR

#150 CDMA2000 BC10_RC3 SO55_Right Cheek_Ch580

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_120904 Medium parameters used: f = 820.5 MHz; σ = 0.879 mho/m; ε_r =

41.679; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.140 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.217 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.155 W/kg
SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.139 mW/g
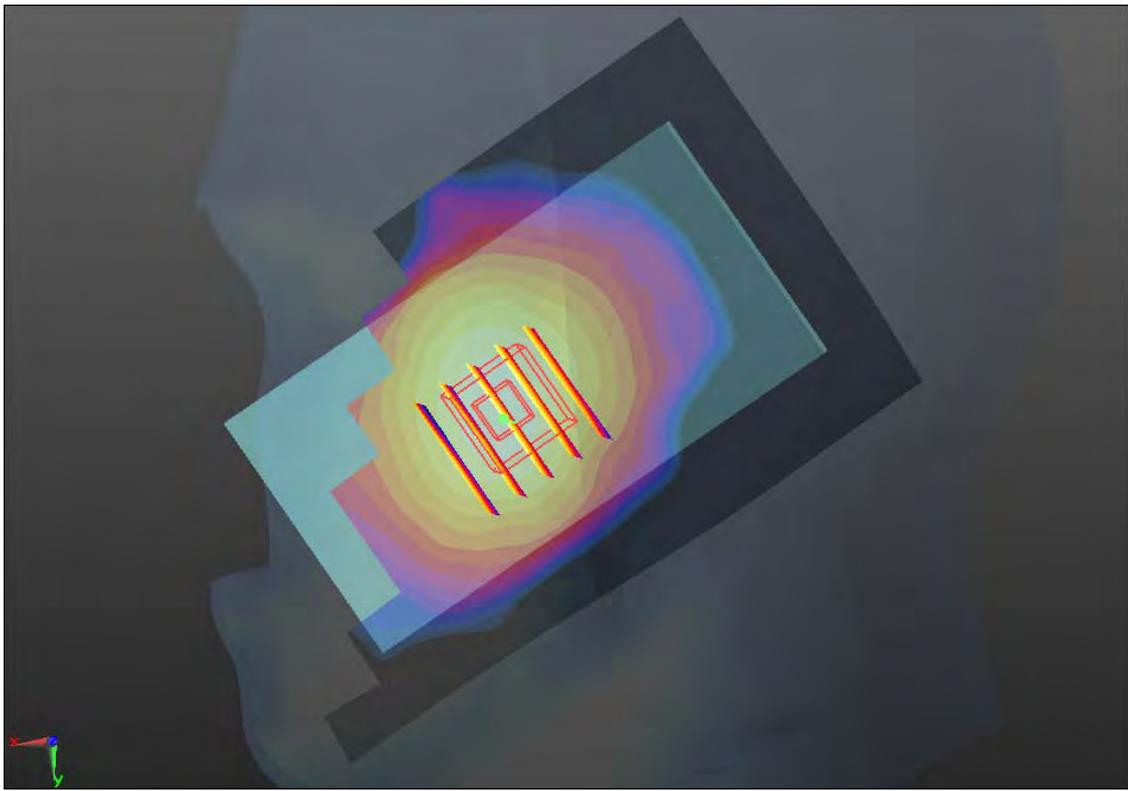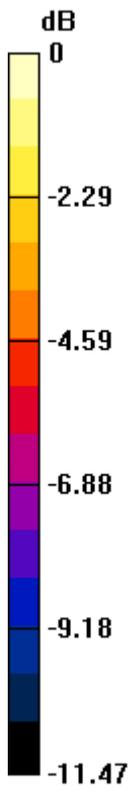
0 dB = 0.140mW/g

#10 CDMA2000 BC10_RC3 SO55_Right Tilted_Ch580

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_120831 Medium parameters used: f = 820.5 MHz; σ = 0.879 mho/m; ε_r =

41.656; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.3 ℃

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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.474 mW/g

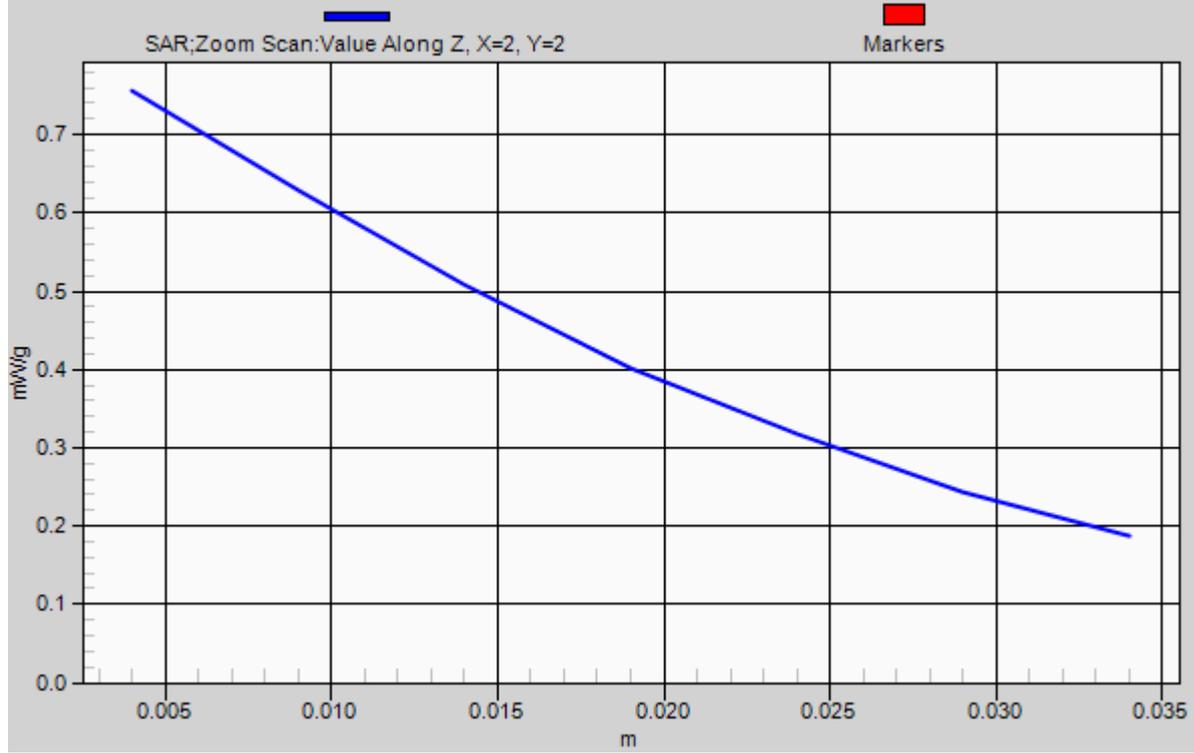**Ch580/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.540 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.532 W/kg
SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.338 mW/g
Maximum value of SAR (measured) = 0.460 mW/g

0 dB = 0.460mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012-8-31

#11 CDMA2000 BC10_RC3 SO55_Left Cheek_Ch580

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_120831 Medium parameters used: f = 820.5 MHz; σ = 0.879 mho/m; ε_r =

41.656; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.3 ℃

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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.647 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.298 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.769 W/kg
SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.462 mW/g
Maximum value of SAR (measured) = 0.669 mW/g
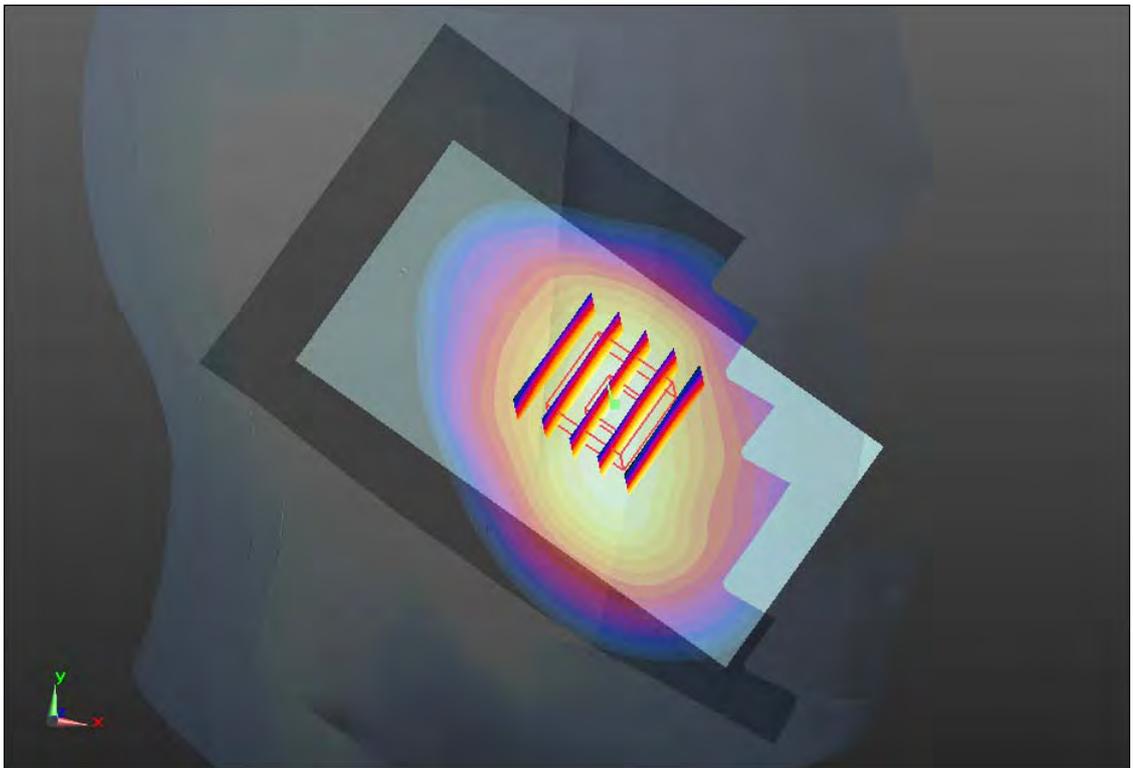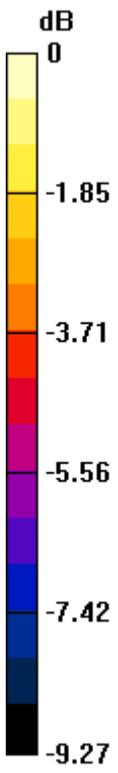
0 dB = 0.670mW/g

#151 CDMA2000 BC10_RC3 SO55_Left Cheek_Ch580

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_120904 Medium parameters used: f = 820.5 MHz; σ = 0.879 mho/m; ε_r = 41.679; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
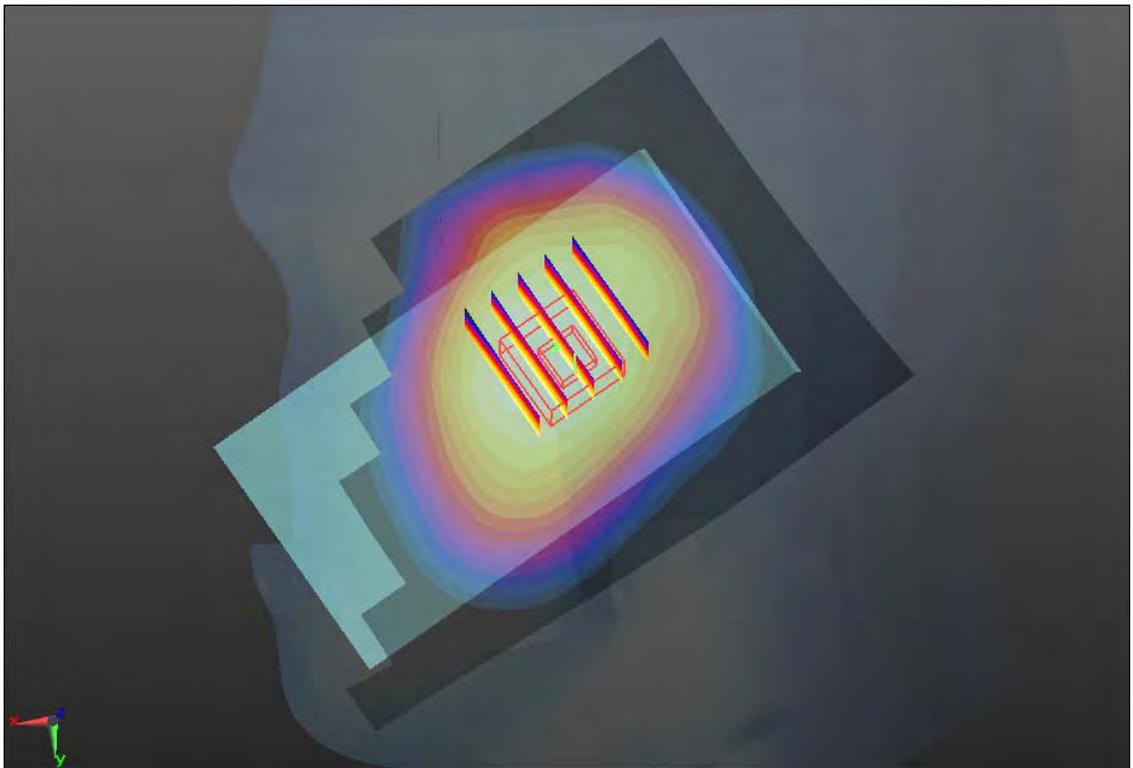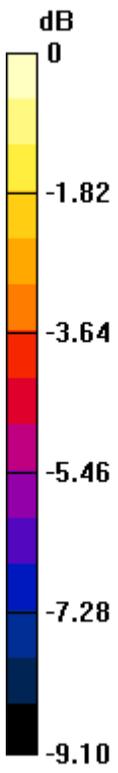Maximum value of SAR (interpolated) = 0.118 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.049 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.151 W/kg
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.087 mW/g
Maximum value of SAR (measured) = 0.124 mW/g
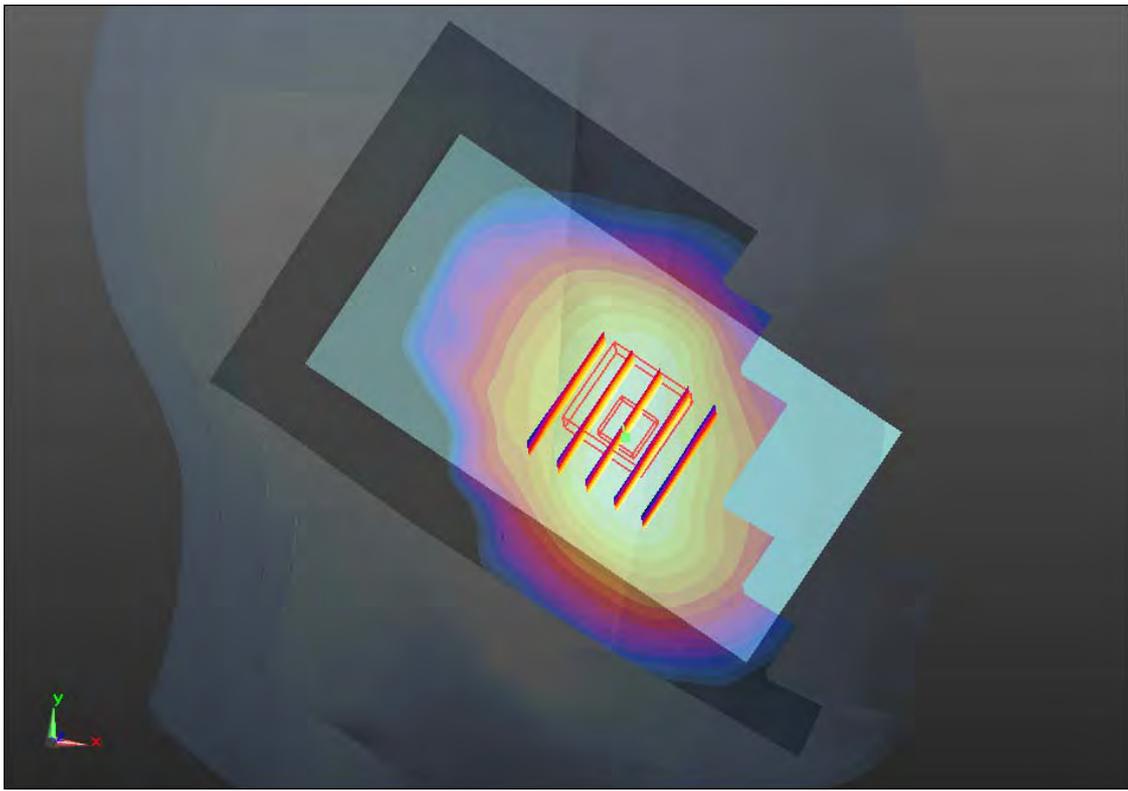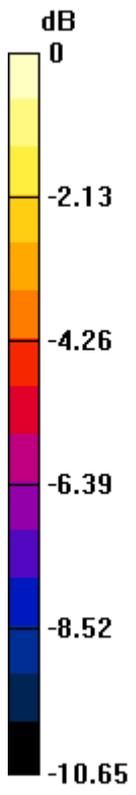
0 dB = 0.120mW/g

#12 CDMA2000 BC10_RC3 SO55_Left Tilted_Ch580

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_120831 Medium parameters used: f = 820.5 MHz; σ = 0.879 mho/m; ε_r =

41.656; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.3 ℃

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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.459 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.030 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.527 W/kg
SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.338 mW/g
Maximum value of SAR (measured) = 0.466 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.030 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.485 W/kg
SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.255 mW/g
Maximum value of SAR (measured) = 0.426 mW/g
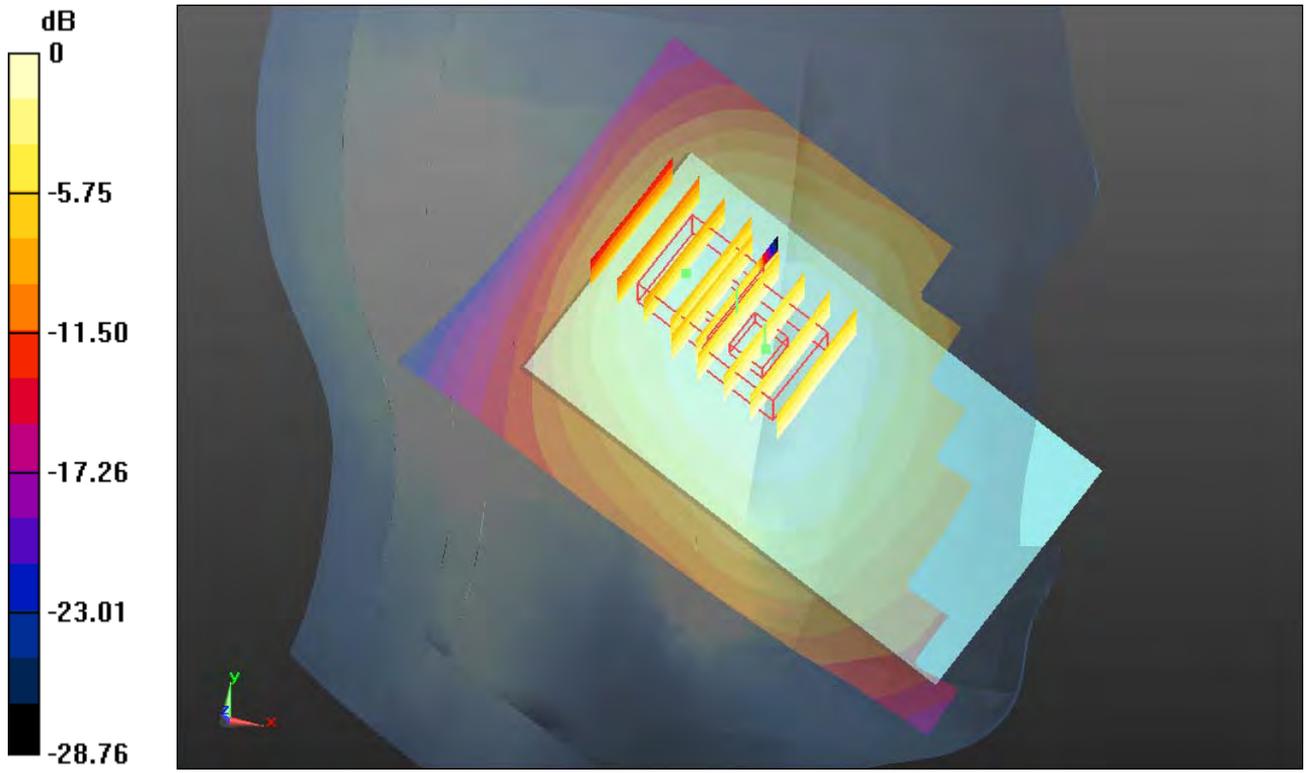
0 dB = 0.430mW/g

#13 LTE Band 25_QPSK(25 13)_10M_Right Cheek_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.047 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.390 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.026 W/kg
SAR(1 g) = 0.957 mW/g; SAR(10 g) = 0.457 mW/g
Maximum value of SAR (measured) = 1.110 mW/g
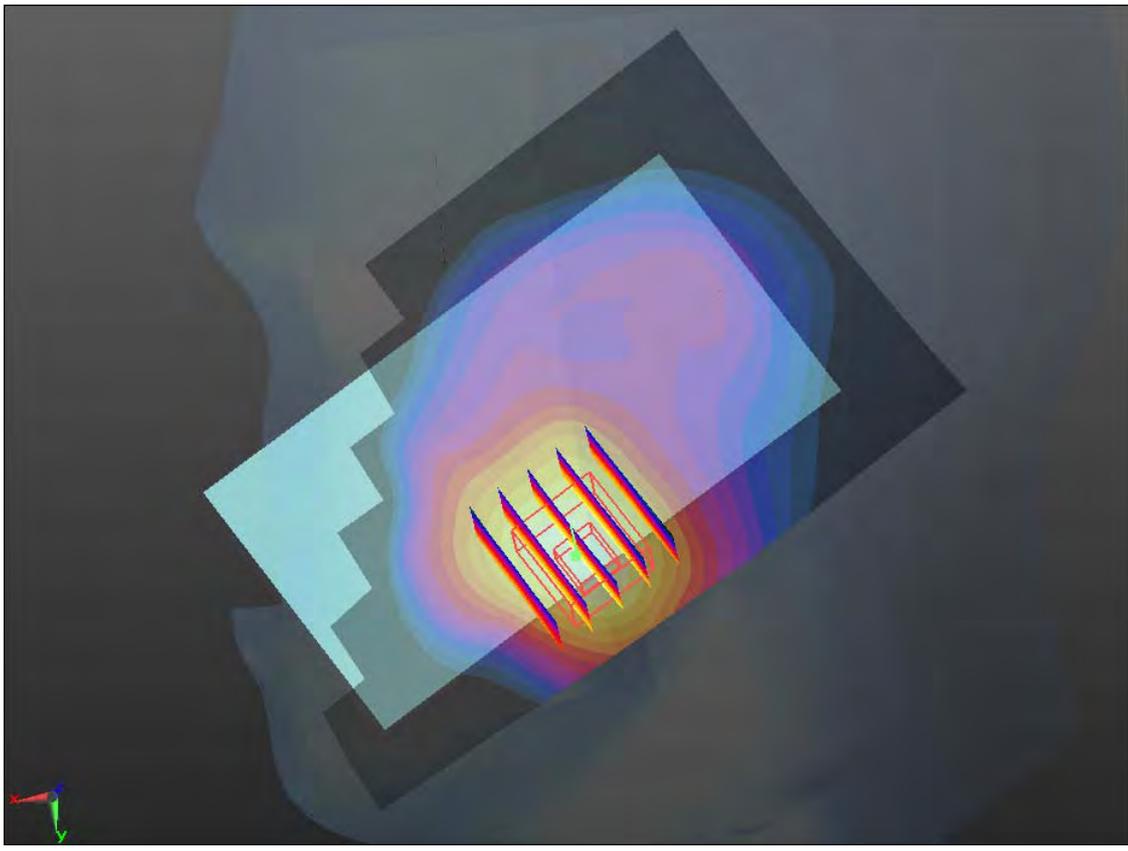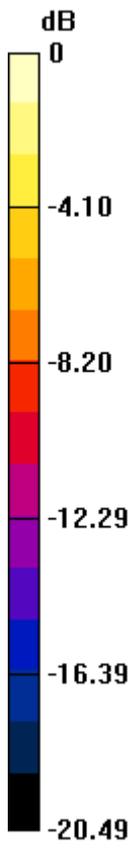
0 dB = 1.110mW/g

#126 LTE Band 25_QPSK(25 13)_10M_Right Cheek_26090

DUT: 281701

Communication System: LTE; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1855 MHz; σ = 1.367 mho/m; ε_r =

40.78; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26090/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.962 mW/g

Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.879 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.850 W/kg
SAR(1 g) = 0.895 mW/g; SAR(10 g) = 0.430 mW/g
Maximum value of SAR (measured) = 1.052 mW/g
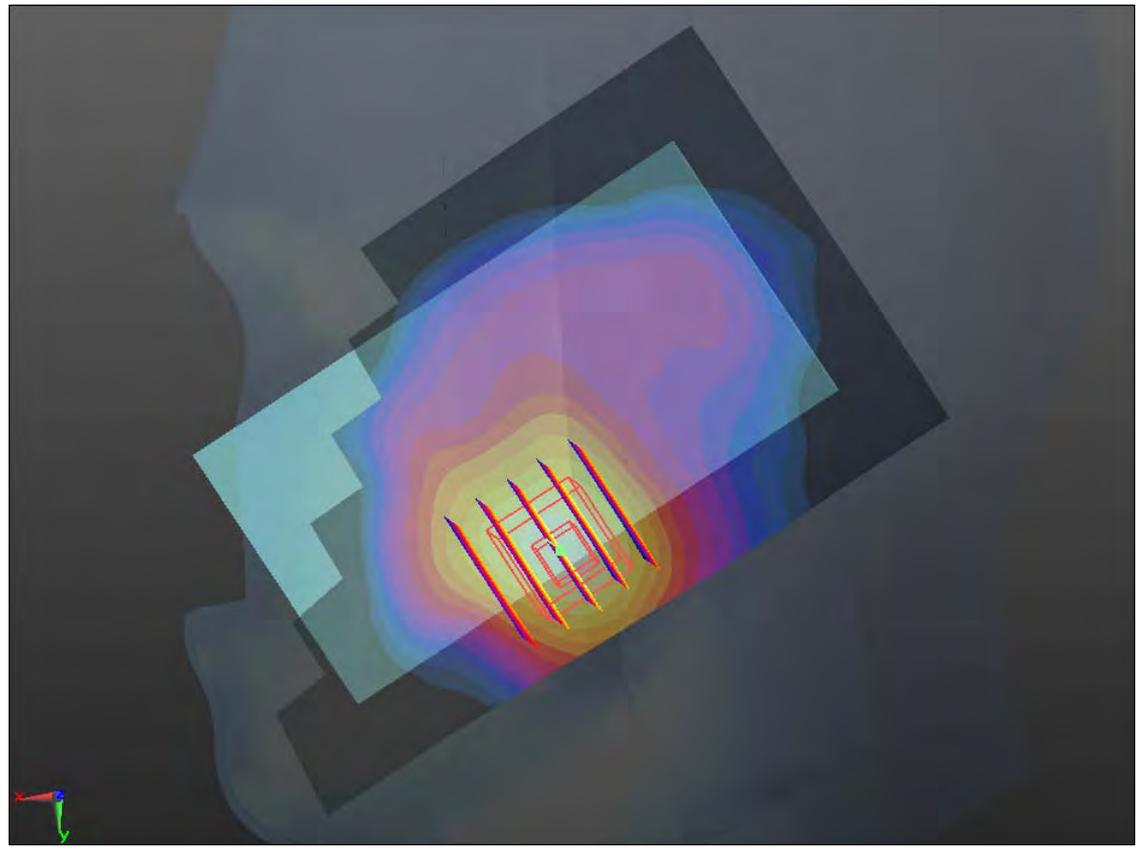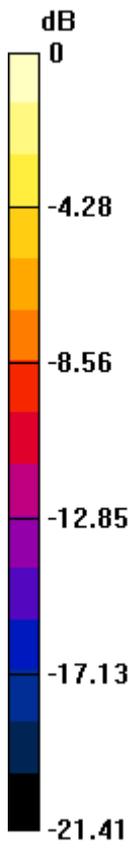
0 dB = 1.050mW/g

#127 LTE Band 25_QPSK(25 13)_10M_Right Cheek_26640

DUT: 281701

Communication System: LTE; Frequency: 1910 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1910 MHz; σ = 1.43 mho/m; $ε_r$ = 40.64;

$ρ = 1000$ kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26640/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.948 mW/g

Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.800 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.883 W/kg
SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.418 mW/g
Maximum value of SAR (measured) = 1.023 mW/g
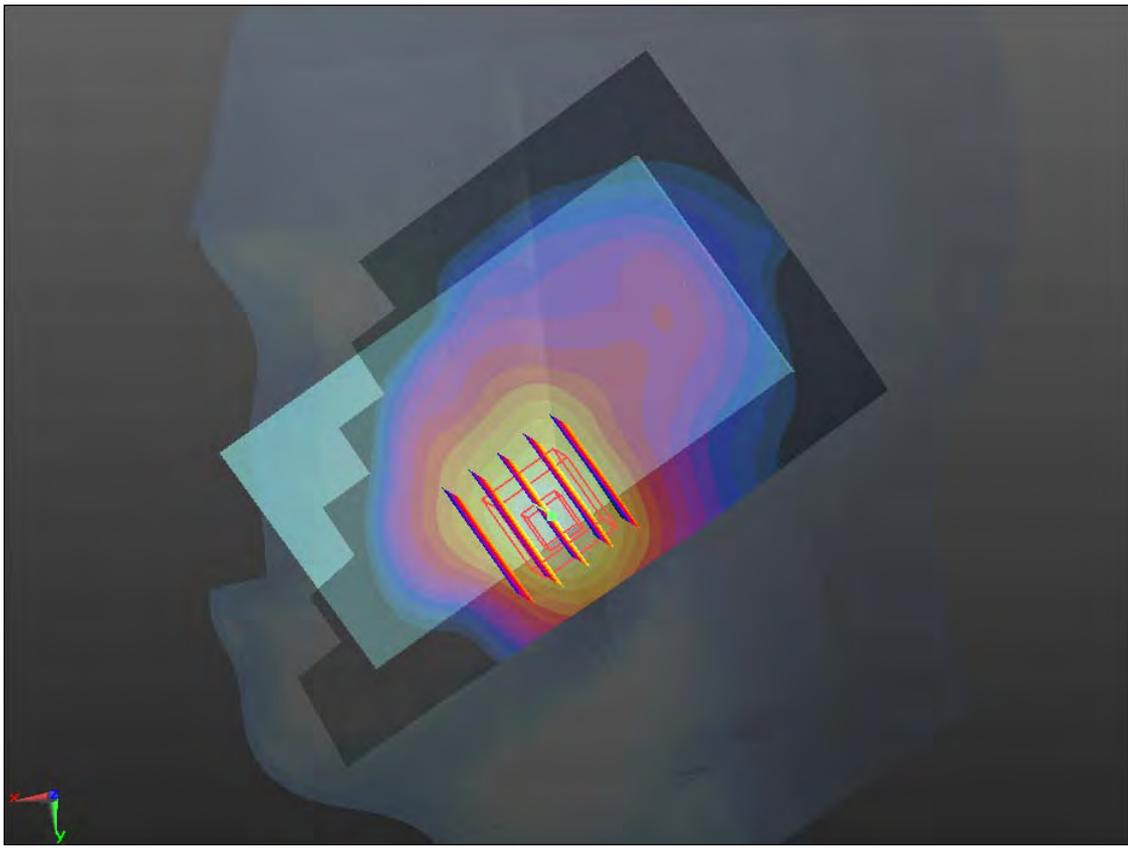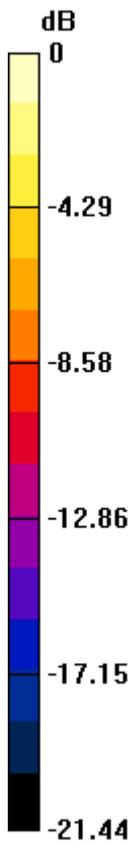
0 dB = 1.020mW/g

#17 LTE Band 25_QPSK(1 0)_10M_Right Cheek_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.508 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.954 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.785 W/kg
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.665 mW/g
Maximum value of SAR (measured) = 1.561 mW/g

0 dB = 1.560mW/g

#17 LTE Band 25_QPSK(1 0)_10M_Right Cheek_26365_2D

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =
40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.508 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.954 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.785 W/kg
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.665 mW/g
Maximum value of SAR (measured) = 1.561 mW/g

1g/10g Averaged SAR

#152 LTE Band 25_QPSK(1 0)_10M_Right Cheek_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120904 Medium parameters used: f = 1882.5 MHz; σ = 1.435 mho/m; ε_r =

39.208; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.2 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
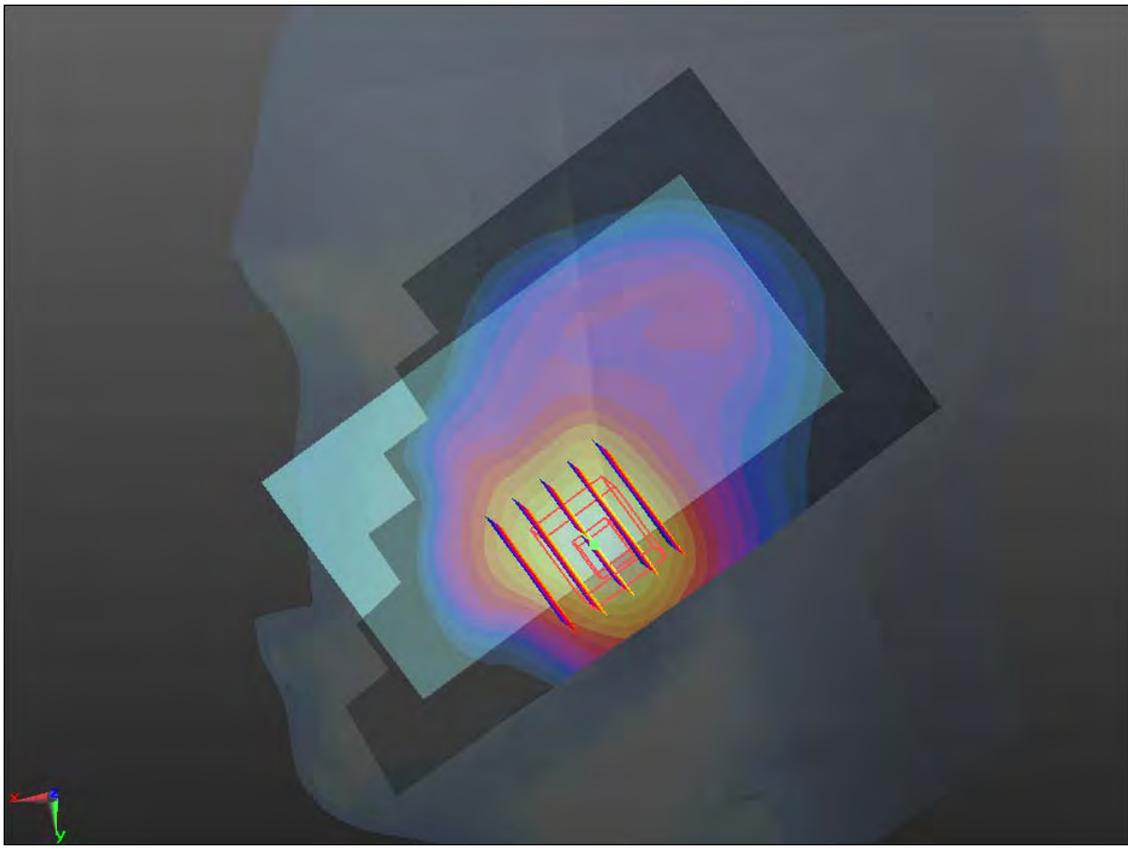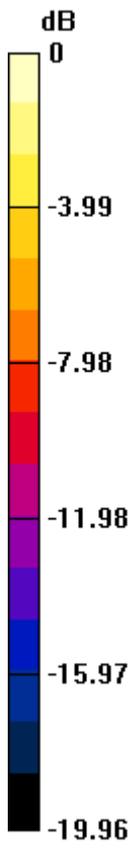Maximum value of SAR (interpolated) = 0.376 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.714 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.675 W/kg
SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.382 mW/g
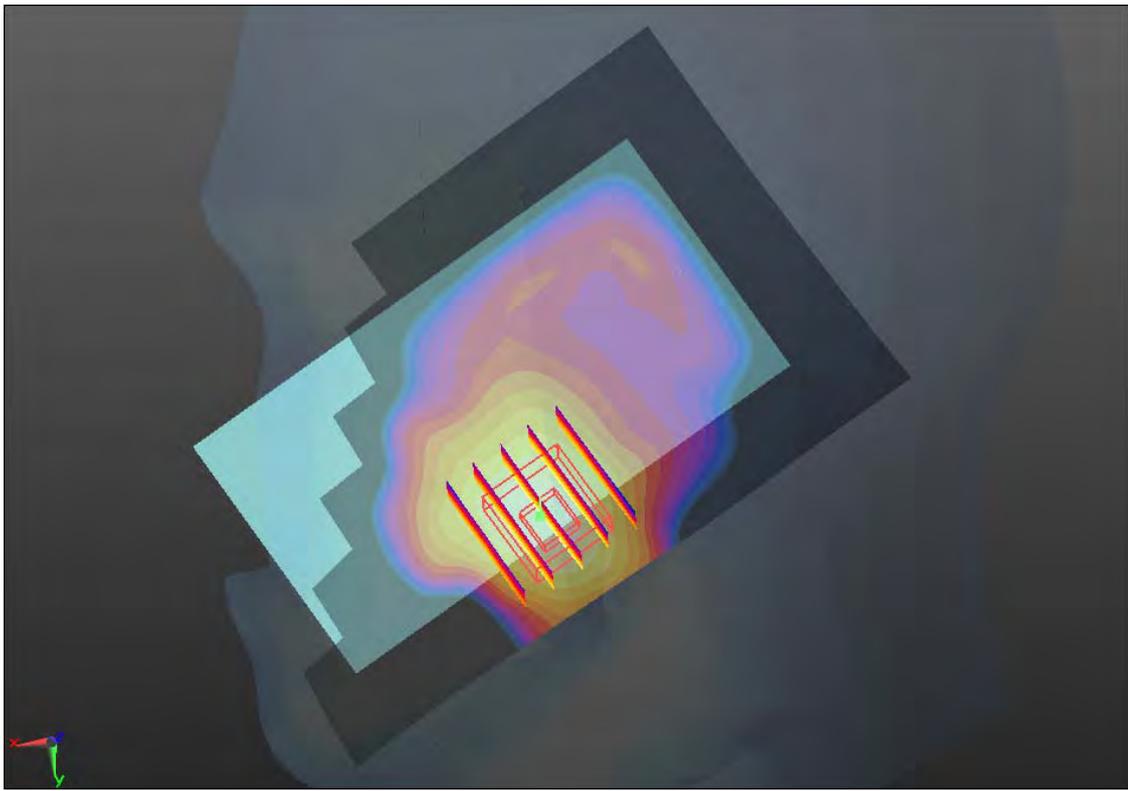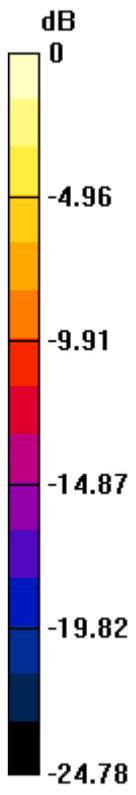
0 dB = 0.380mW/g

#21 LTE Band 25_QPSK(1 49)_10M_Right Cheek_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; $ε_r$ =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.231 mW/g

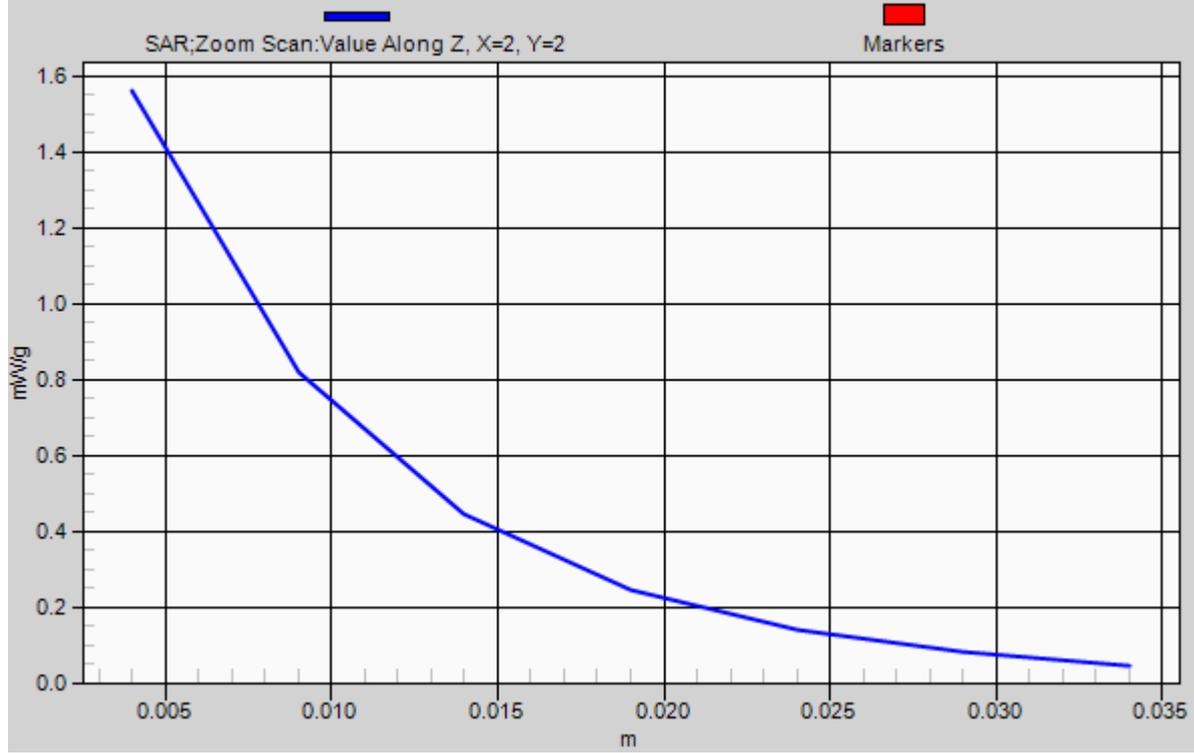**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.236 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.336 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.544 mW/g
Maximum value of SAR (measured) = 1.306 mW/g
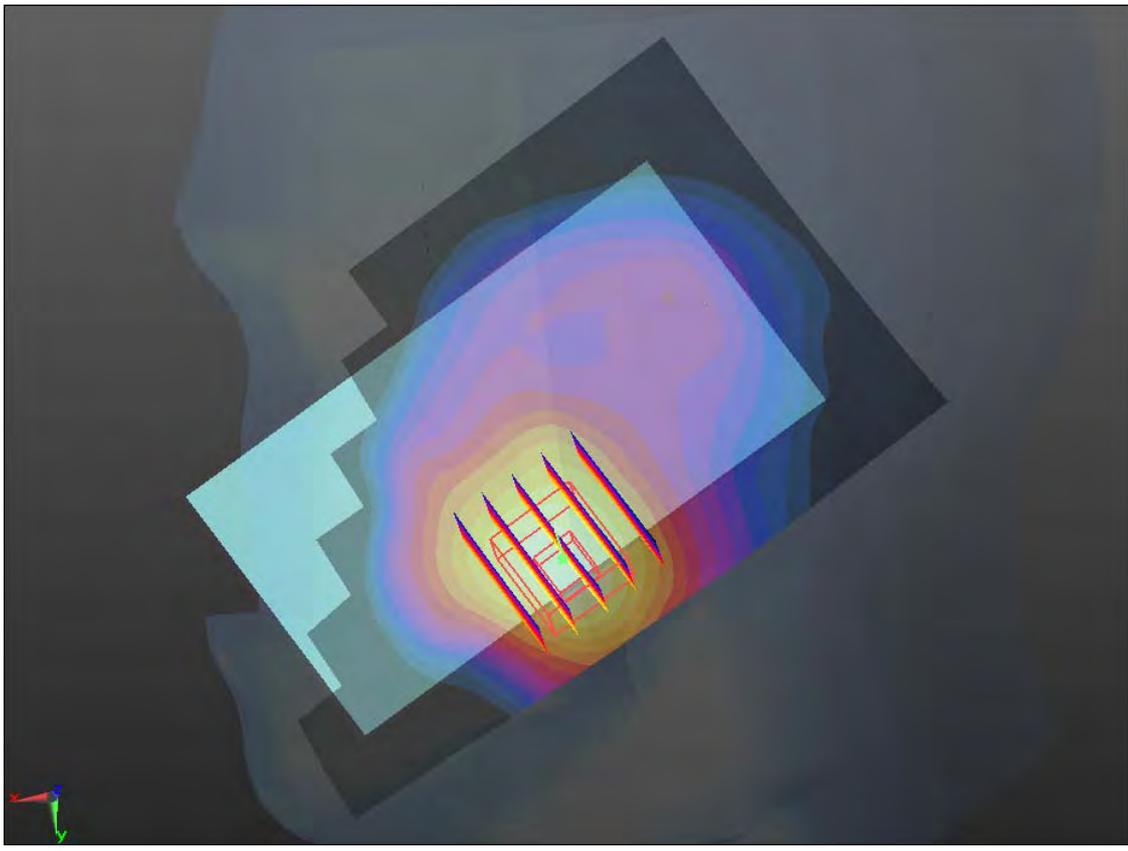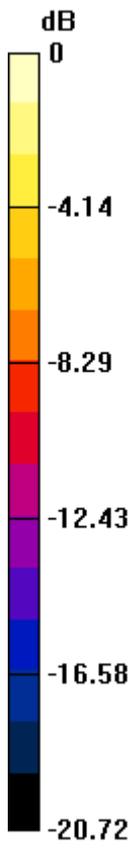
0 dB = 1.310mW/g

#25 LTE Band 25_16QAM(25 13)_10M_Right Cheek_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.818 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.525 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.595 W/kg
SAR(1 g) = 0.767 mW/g; SAR(10 g) = 0.366 mW/g
Maximum value of SAR (measured) = 0.889 mW/g
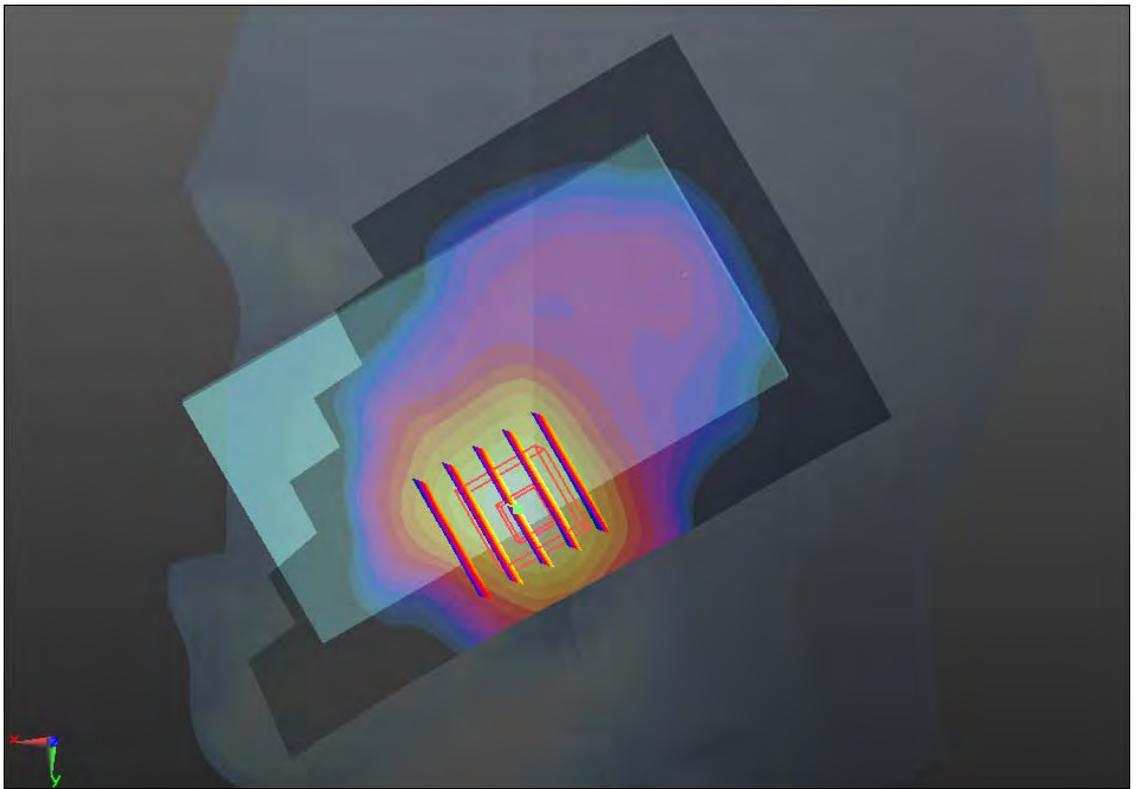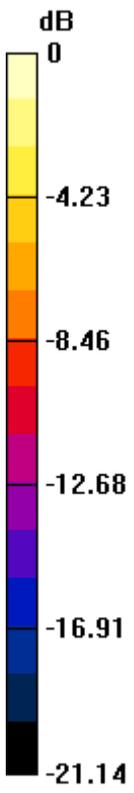
0 dB = 0.890mW/g

#29 LTE Band 25_16QAM(1 0)_10M_Right Cheek_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε$_r$ =
40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.205 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.046 V/m; Power Drift = 0.0071 dB
Peak SAR (extrapolated) = 2.316 W/kg
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.536 mW/g
Maximum value of SAR (measured) = 1.281 mW/g
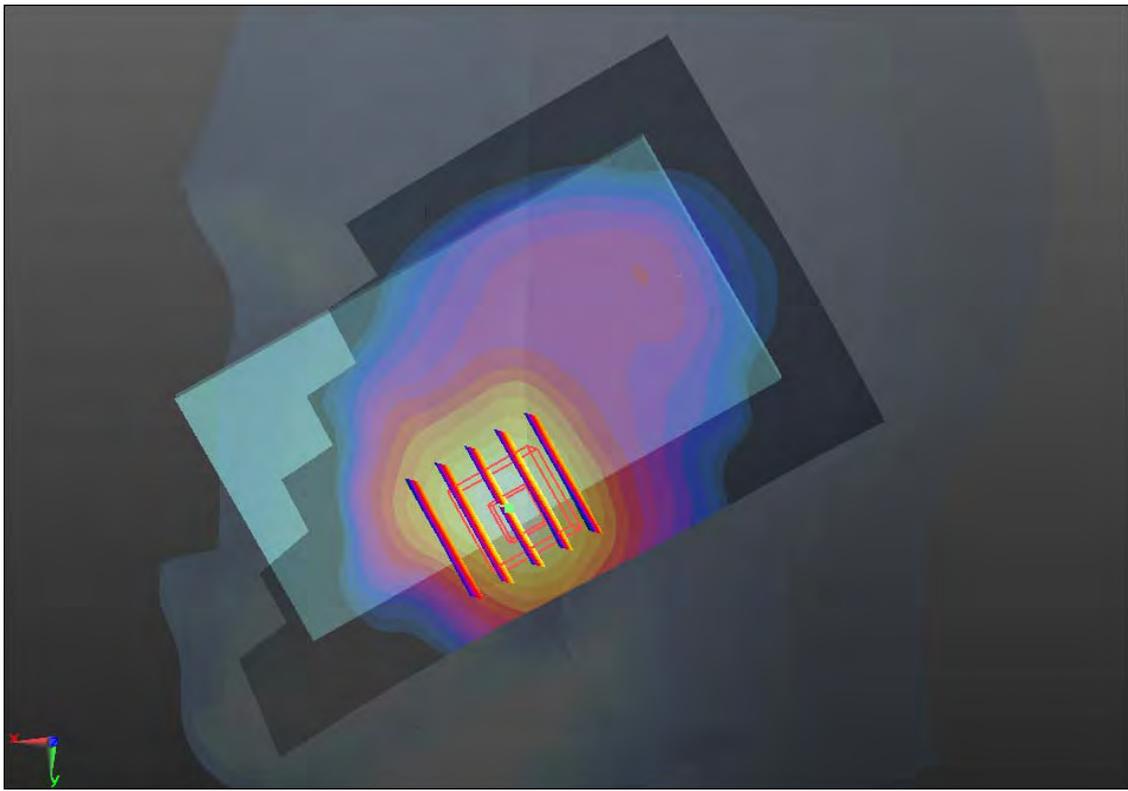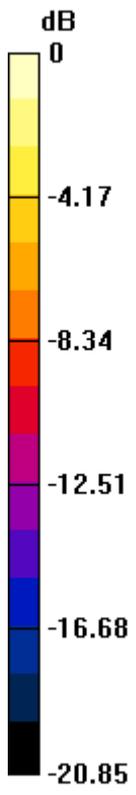
0 dB = 1.280mW/g

#33 LTE Band 25_16QAM(1 49)_10M_Right Cheek_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε$_r$ =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.997 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.343 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.936 W/kg
SAR(1 g) = 0.926 mW/g; SAR(10 g) = 0.445 mW/g
Maximum value of SAR (measured) = 1.065 mW/g
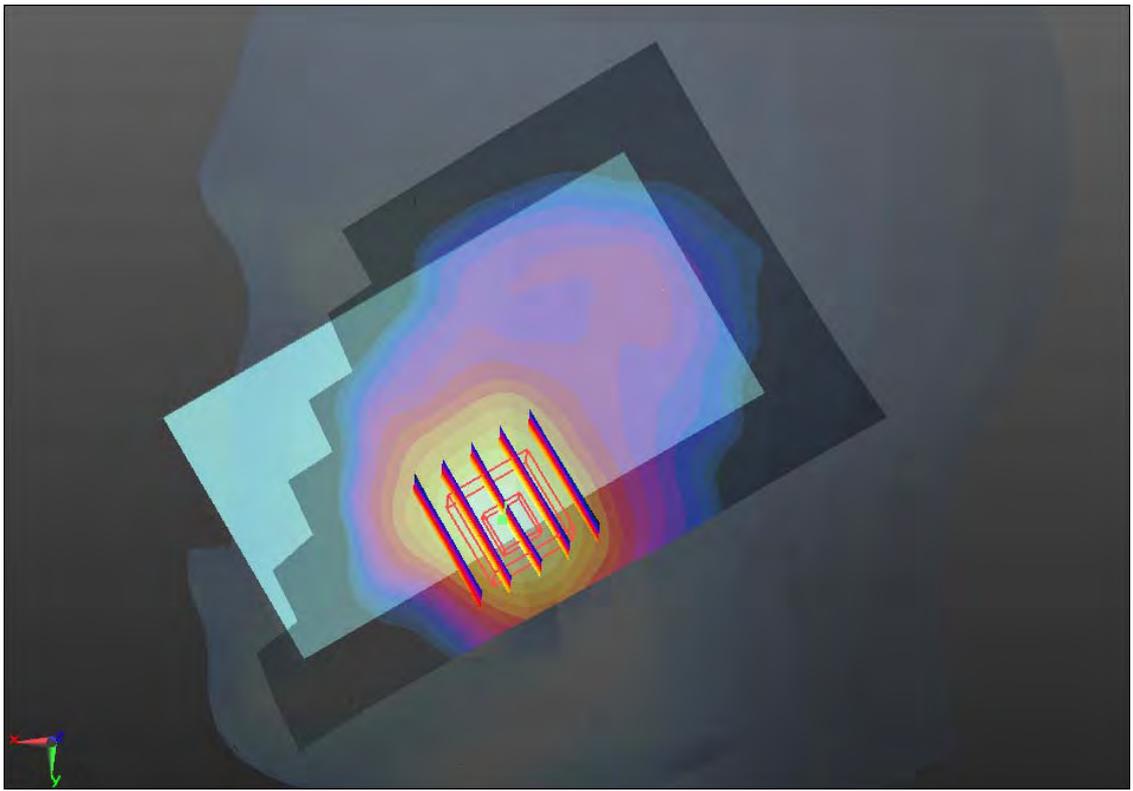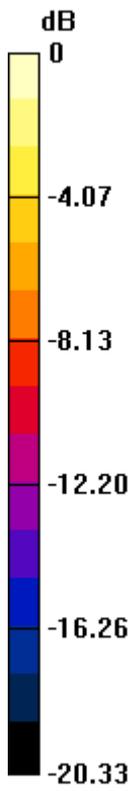
0 dB = 1.070mW/g

#14 LTE Band 25_QPSK(25 13)_10M_Right Tilted_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.171 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.583 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.243 W/kg
SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.157 mW/g
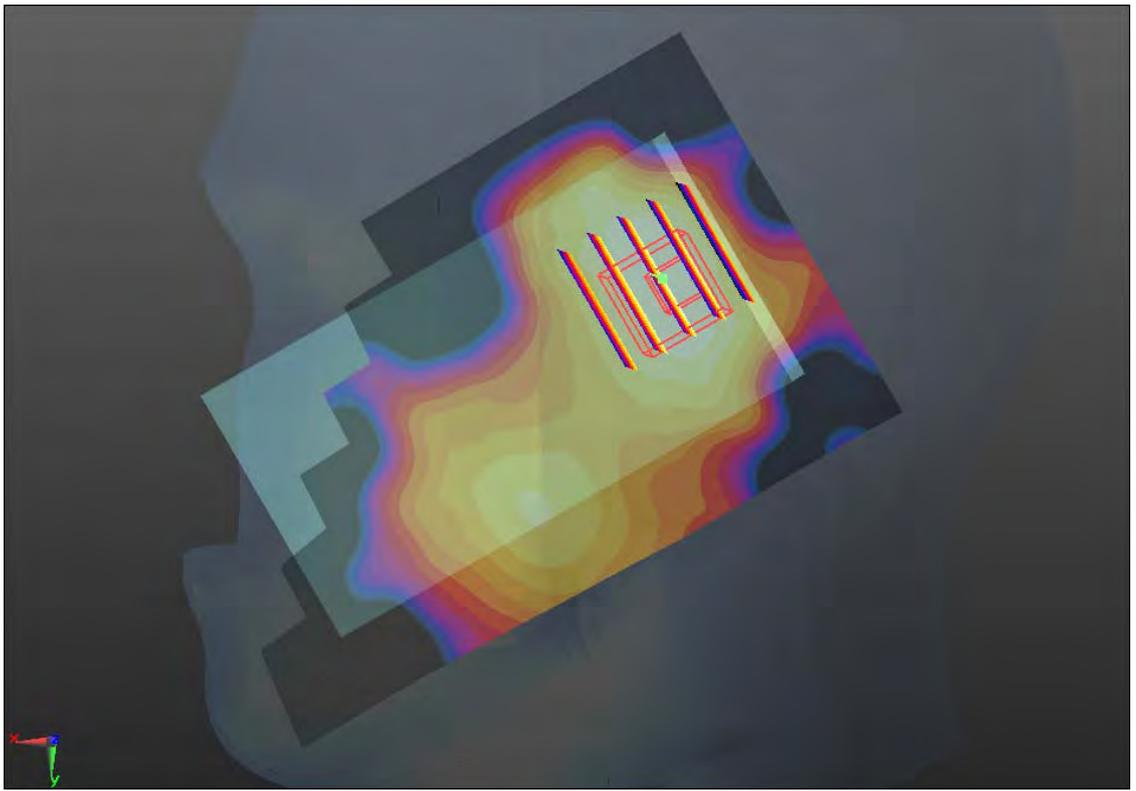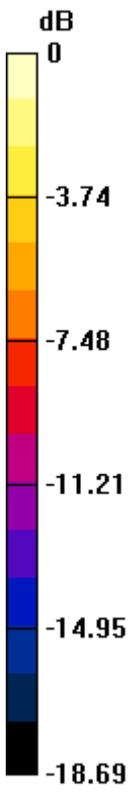
0 dB = 0.160mW/g

#18 LTE Band 25_QPSK(1 0)_10M_Right Tilted_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.248 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.731 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.373 W/kg
SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.128 mW/g
Maximum value of SAR (measured) = 0.237 mW/g

0 dB = 0.240mW/g

#18 LTE Band 25_QPSK(1 0)_10M_Right Tilted_26365_2D

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.248 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.731 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.373 W/kg
SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.128 mW/g
Maximum value of SAR (measured) = 0.237 mW/g

1g/10g Averaged SAR

SAR;Zoom Scan:Value Along Z, X=2, Y=2

Markers
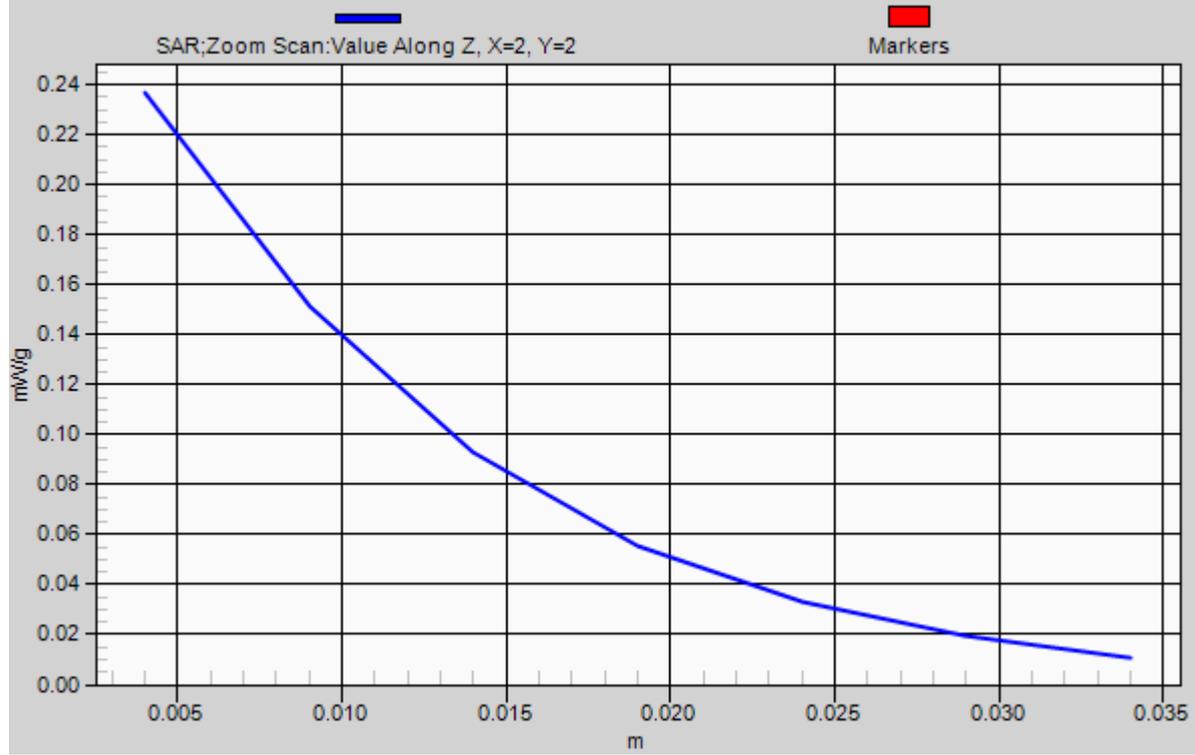
#22 LTE Band 25_QPSK(1 49)_10M_Right Tilted_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.202 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.582 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.300 W/kg
SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.193 mW/g

dB
0

-3.55

-7.11

-10.66

-14.22

-17.77
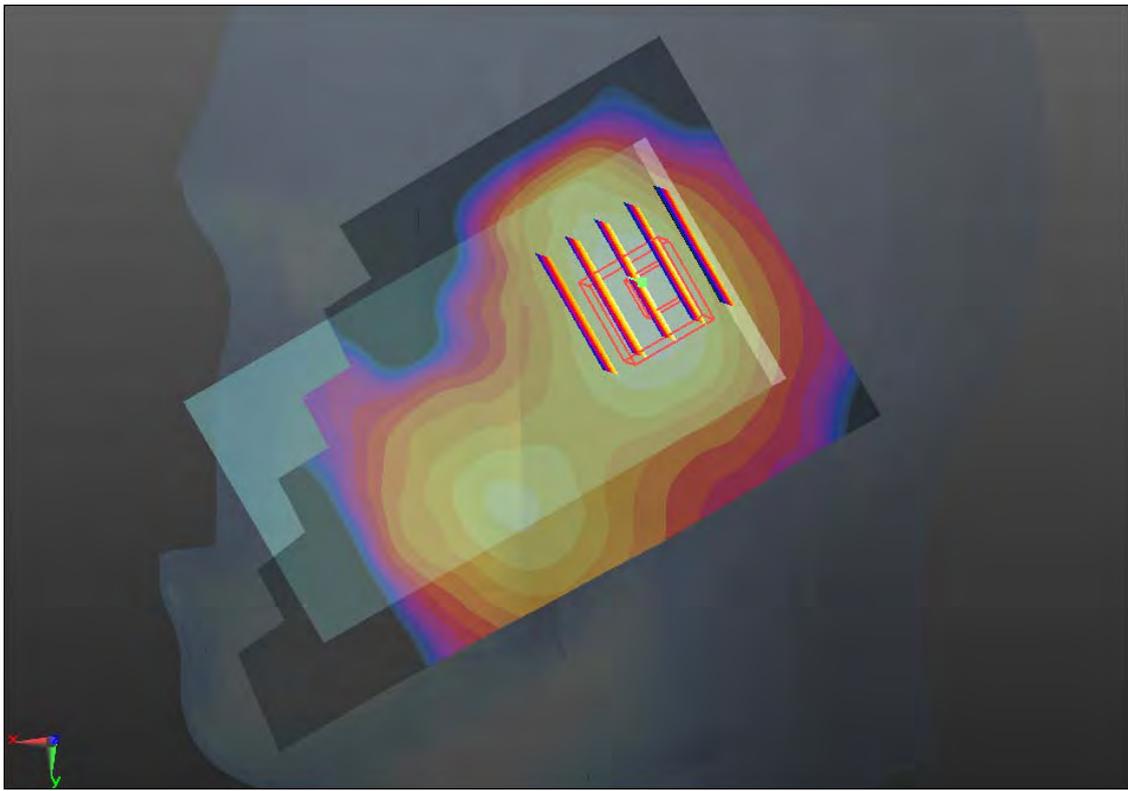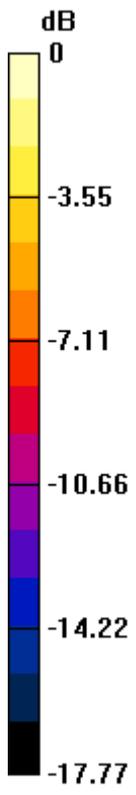
0 dB = 0.190mW/g

#26 LTE Band 25_16QAM(25 13)_10M_Right Tilted_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
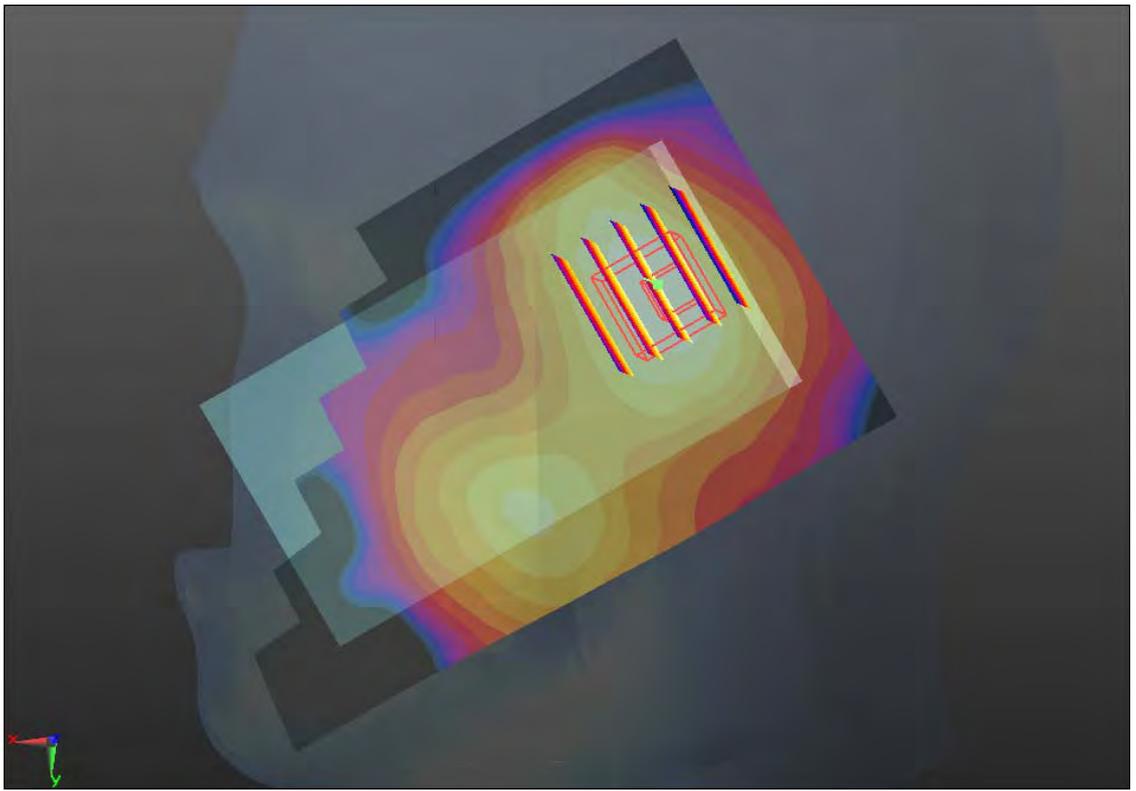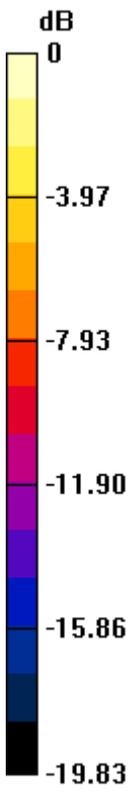Maximum value of SAR (interpolated) = 0.125 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.962 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.184 W/kg
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.065 mW/g
Maximum value of SAR (measured) = 0.120 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.962 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.129 W/kg
SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.089 mW/g
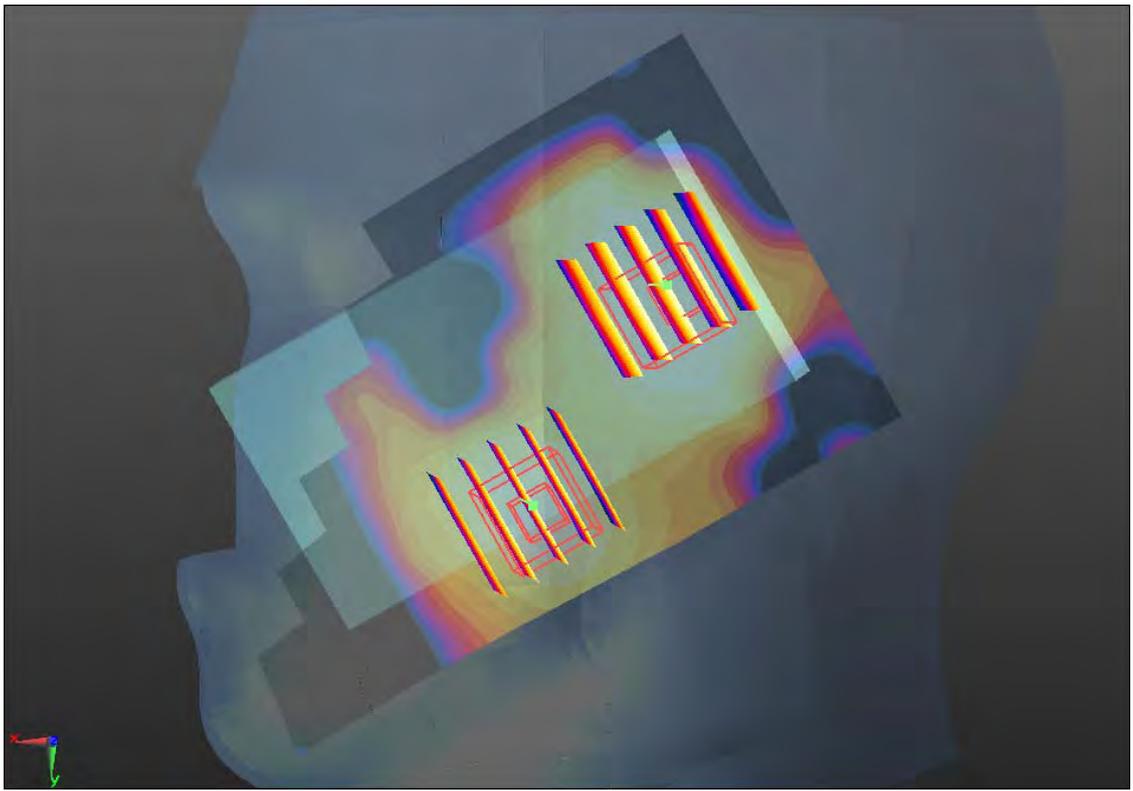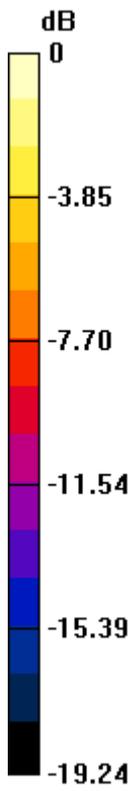
0 dB = 0.090mW/g

#30 LTE Band 25_16QAM(1 0)_10M_Right Tilted_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; $ε_r$ = 40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.188 mW/g

**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.955 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.173 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.955 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.190 W/kg
SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.131 mW/g
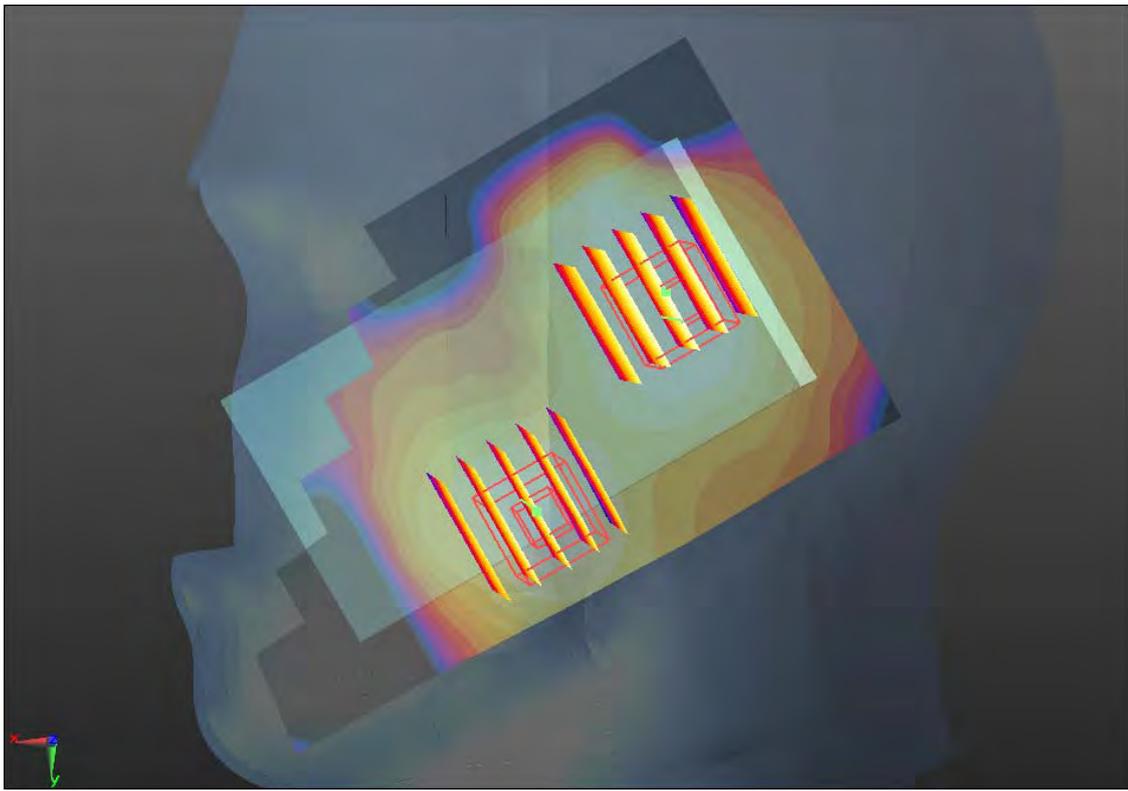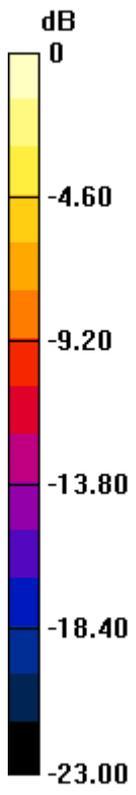
0 dB = 0.130mW/g

#34 LTE Band 25_16QAM(1 49)_10M_Right Tilted_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.151 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.881 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.217 W/kg
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.143 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.881 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.157 W/kg
SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.108 mW/g
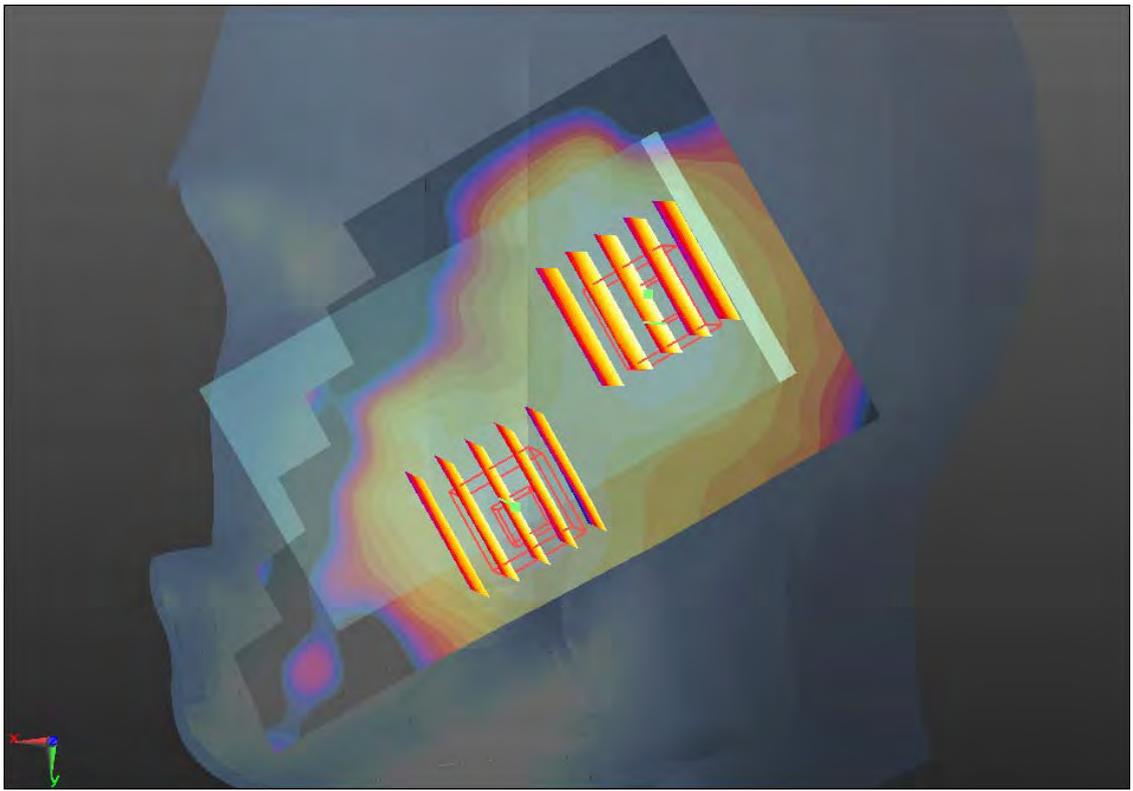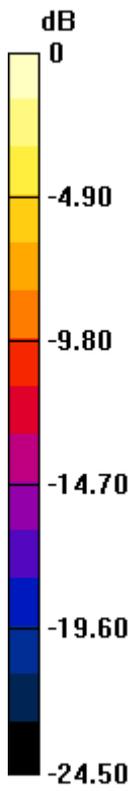
0 dB = 0.110mW/g

#15 LTE Band 25_QPSK(25 13)_10M_Left Cheek_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.707 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.802 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.281 W/kg
SAR(1 g) = 0.640 mW/g; SAR(10 g) = 0.332 mW/g
Maximum value of SAR (measured) = 0.683 mW/g
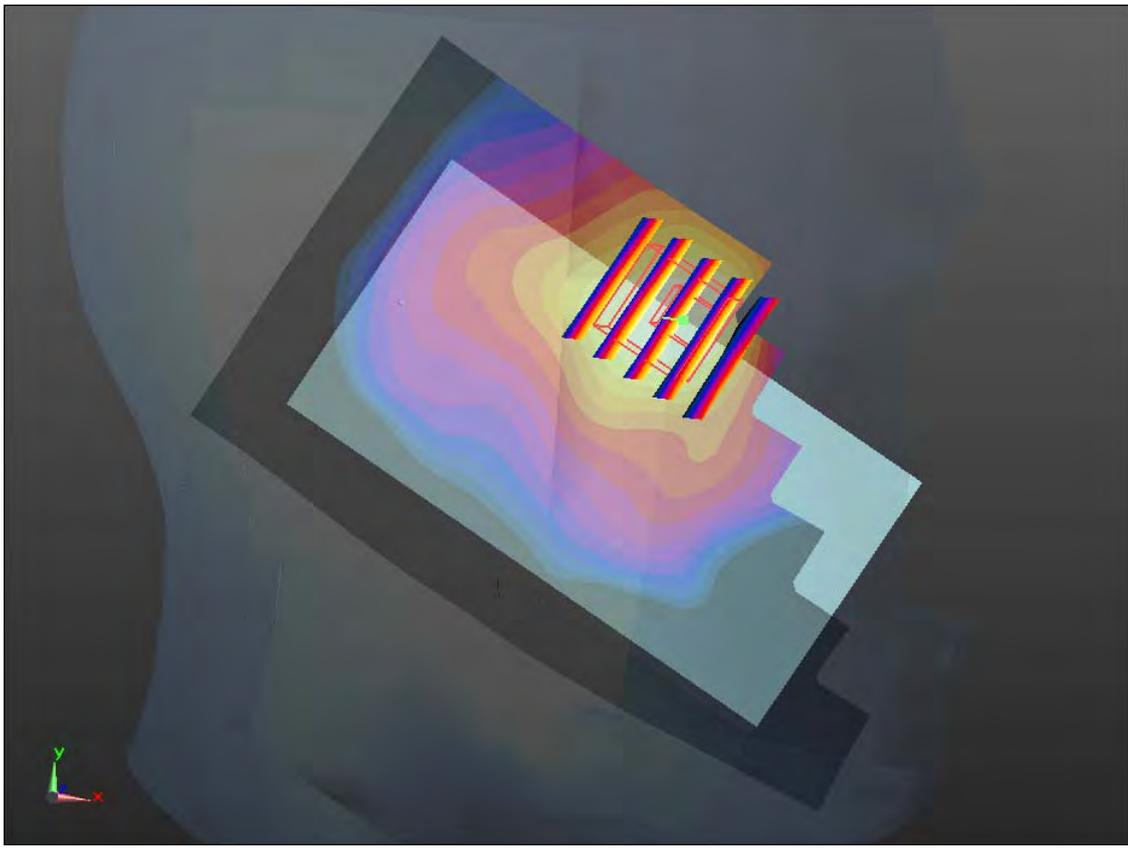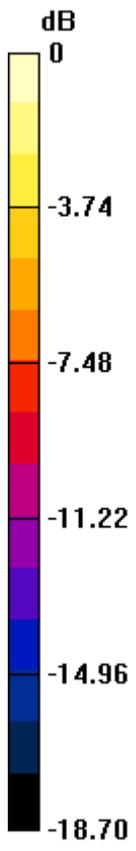
0 dB = 0.680mW/g

#19 LTE Band 25_QPSK(1 0)_10M_Left Cheek_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.029 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.558 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.866 W/kg
SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.486 mW/g
Maximum value of SAR (measured) = 0.997 mW/g

0 dB = 1.000mW/g

#19 LTE Band 25_QPSK(1 0)_10M_Left Cheek_26365_2D

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.029 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.558 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.866 W/kg
SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.486 mW/g
Maximum value of SAR (measured) = 0.997 mW/g

1g/10g Averaged SAR

#153 LTE Band 25_QPSK(1 0)_10M_Left Cheek_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120904 Medium parameters used: f = 1882.5 MHz; σ = 1.435 mho/m; ε_r =

39.208; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.2 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.243 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.822 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.418 W/kg
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.231 mW/g
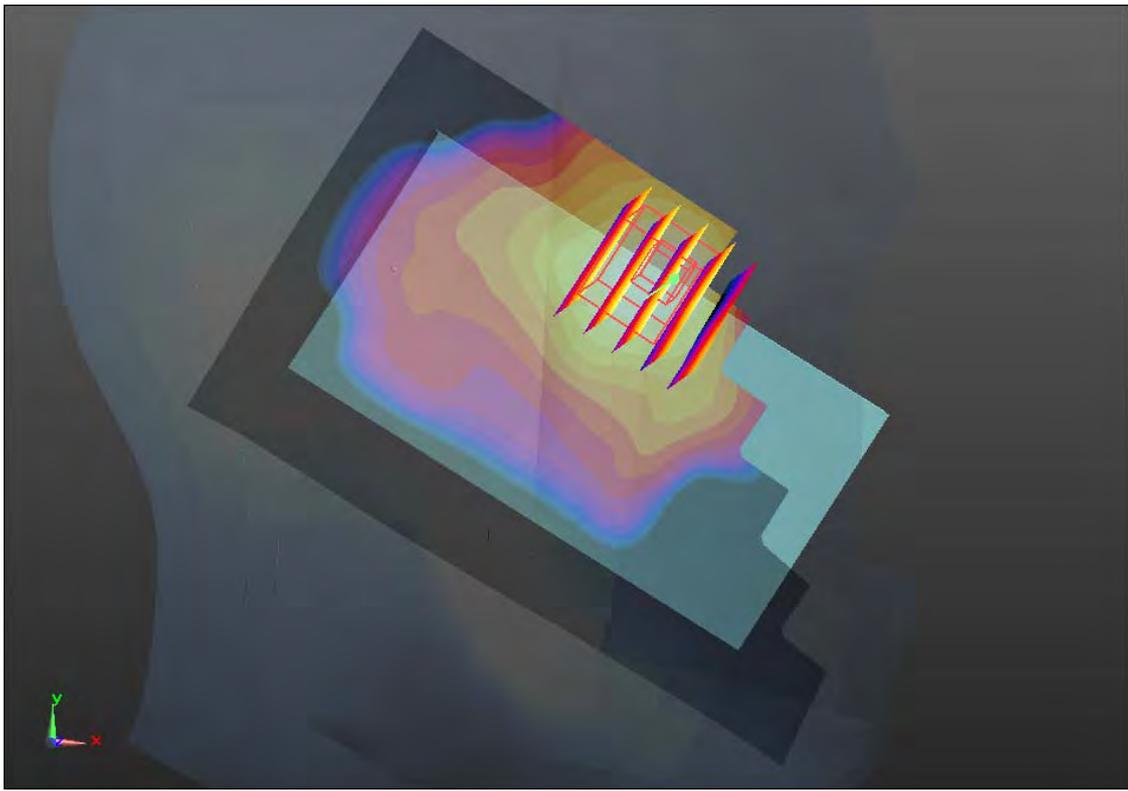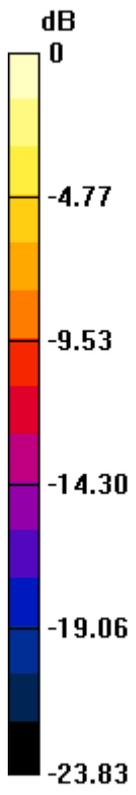
0 dB = 0.230mW/g

#23 LTE Band 25_QPSK(1 49)_10M_Left Cheek_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r = 40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): 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 = 7.512 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.520 W/kg
SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.403 mW/g
Maximum value of SAR (measured) = 0.830 mW/g
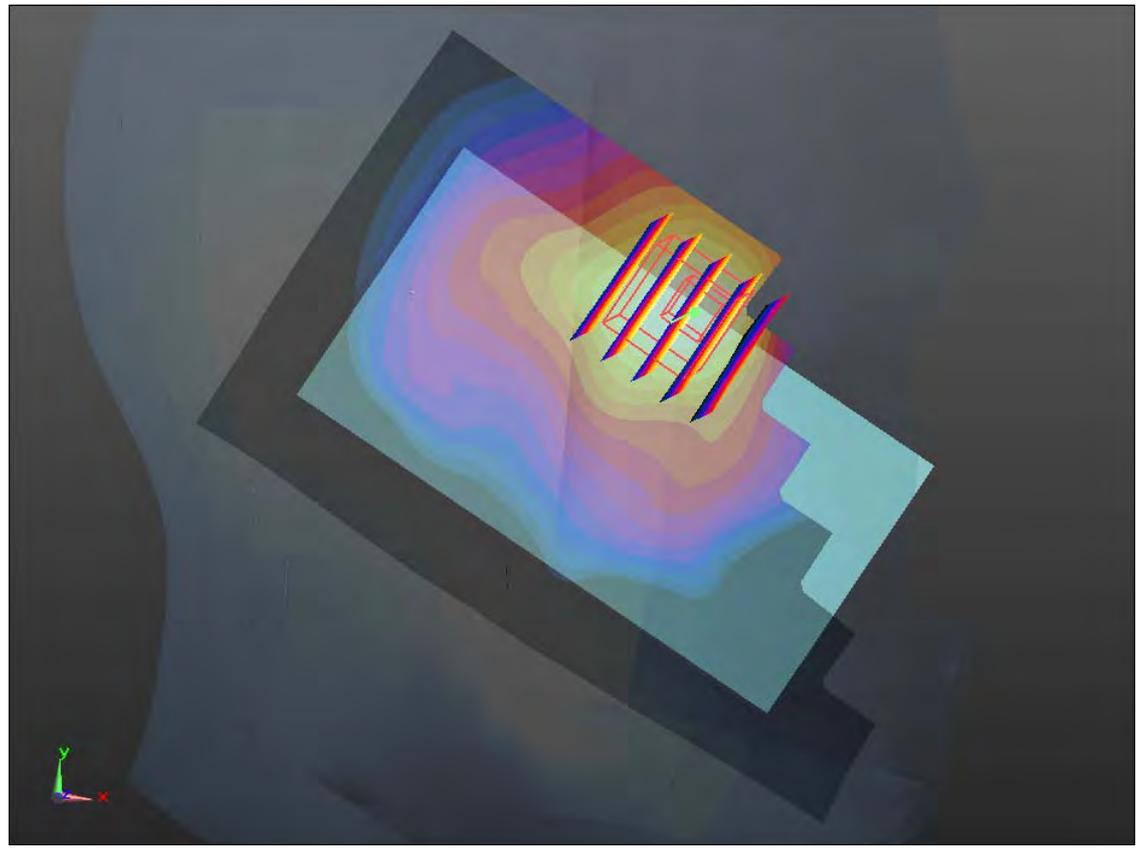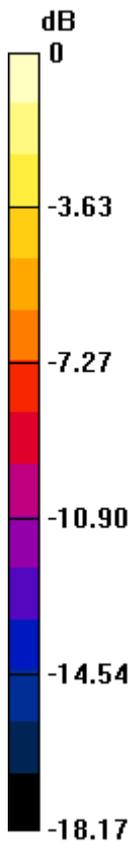
0 dB = 0.830mW/g

#27 LTE Band 25_16QAM(25 13)_10M_Left Cheek_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
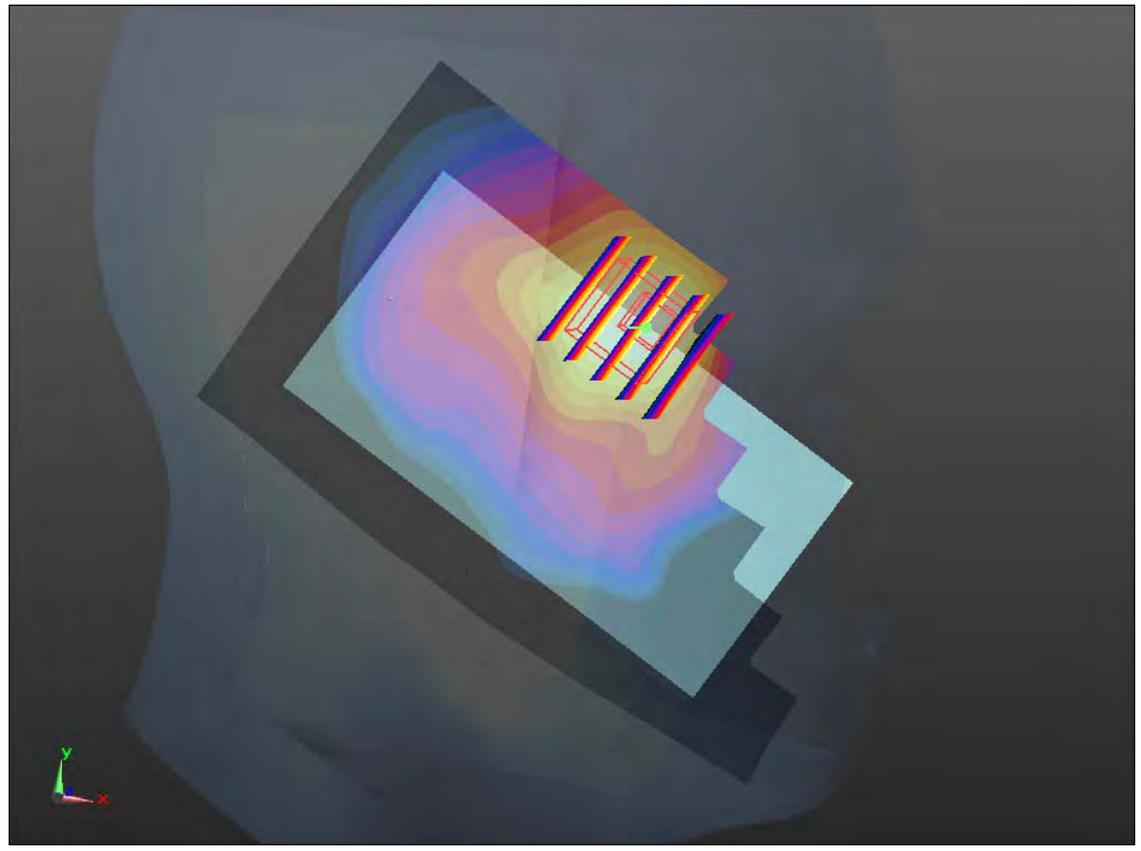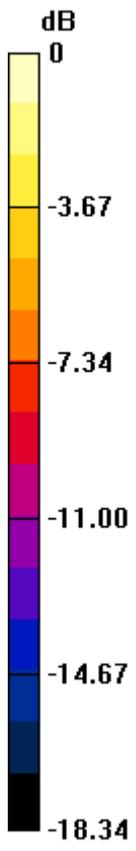Maximum value of SAR (interpolated) = 0.549 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.963 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.938 W/kg
SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.254 mW/g
Maximum value of SAR (measured) = 0.516 mW/g
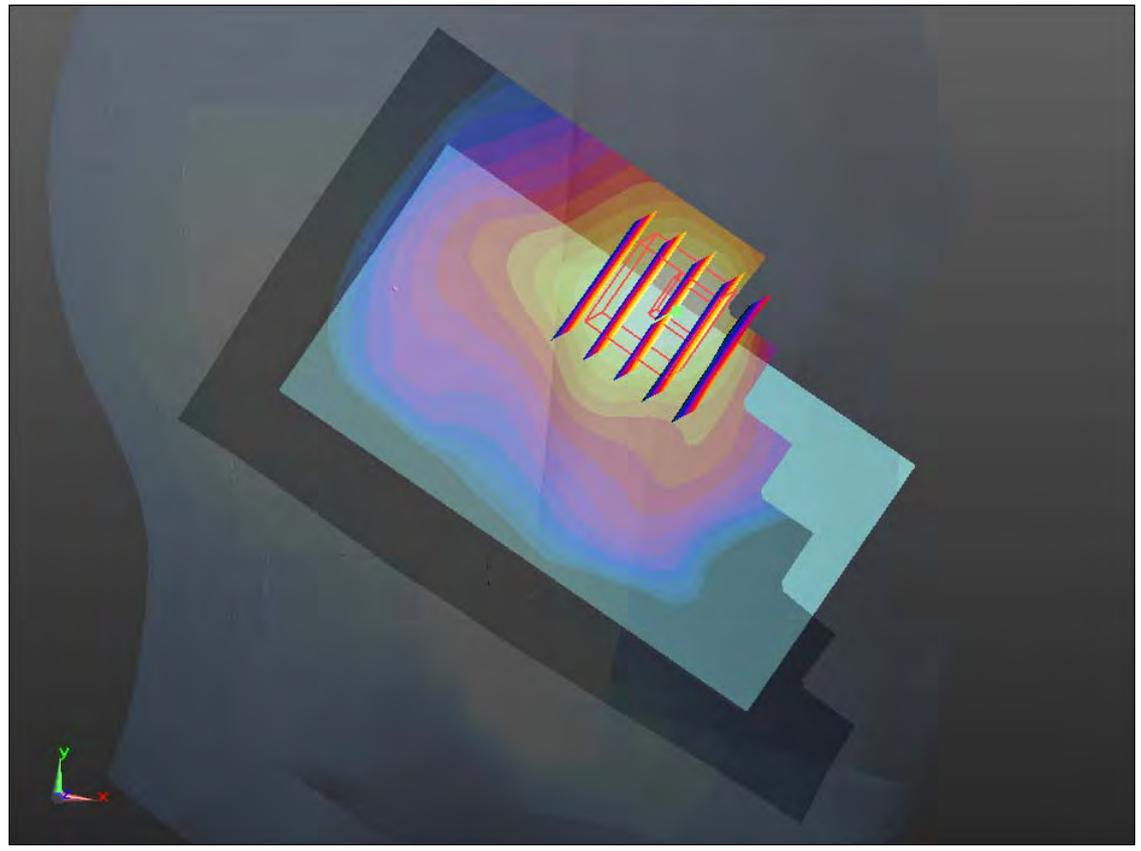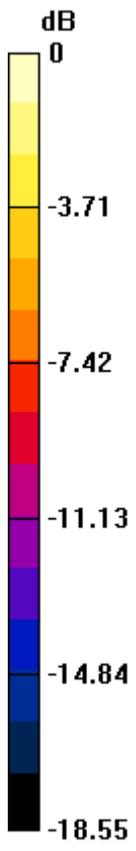
0 dB = 0.520mW/g

#31 LTE Band 25_16QAM(1 0)_10M_Left Cheek_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.812 mW/g

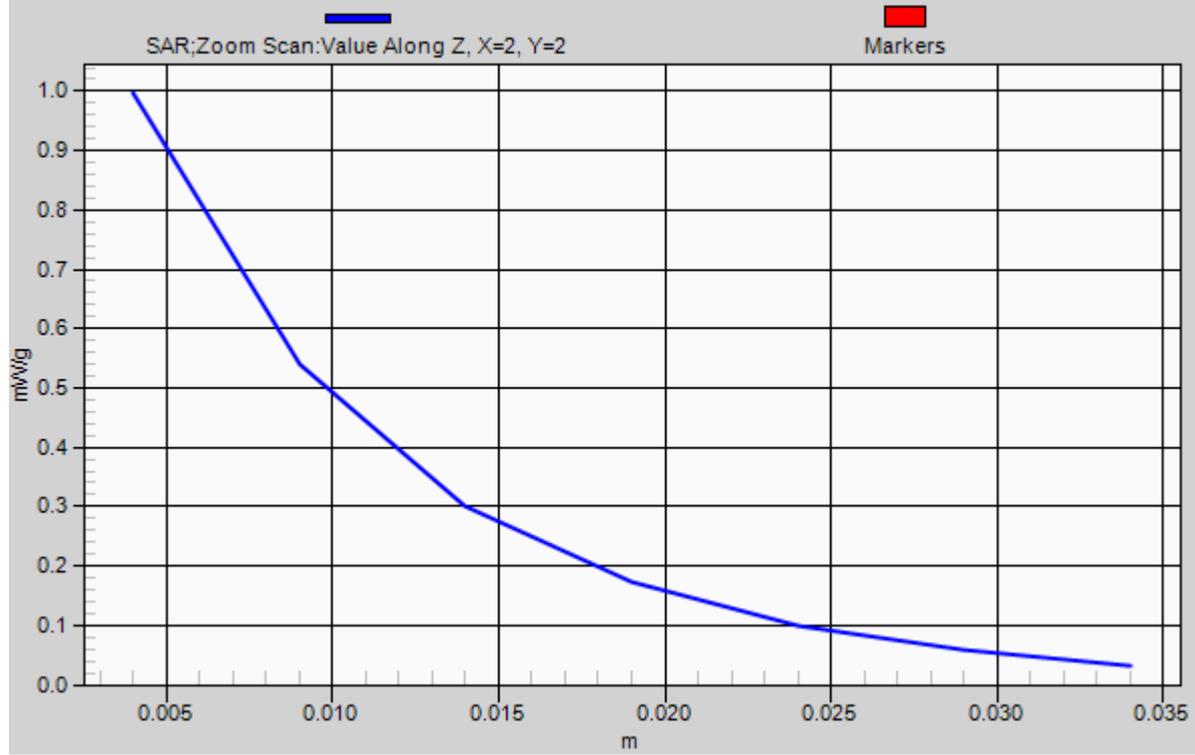**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.420 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.448 W/kg
SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.379 mW/g
Maximum value of SAR (measured) = 0.780 mW/g
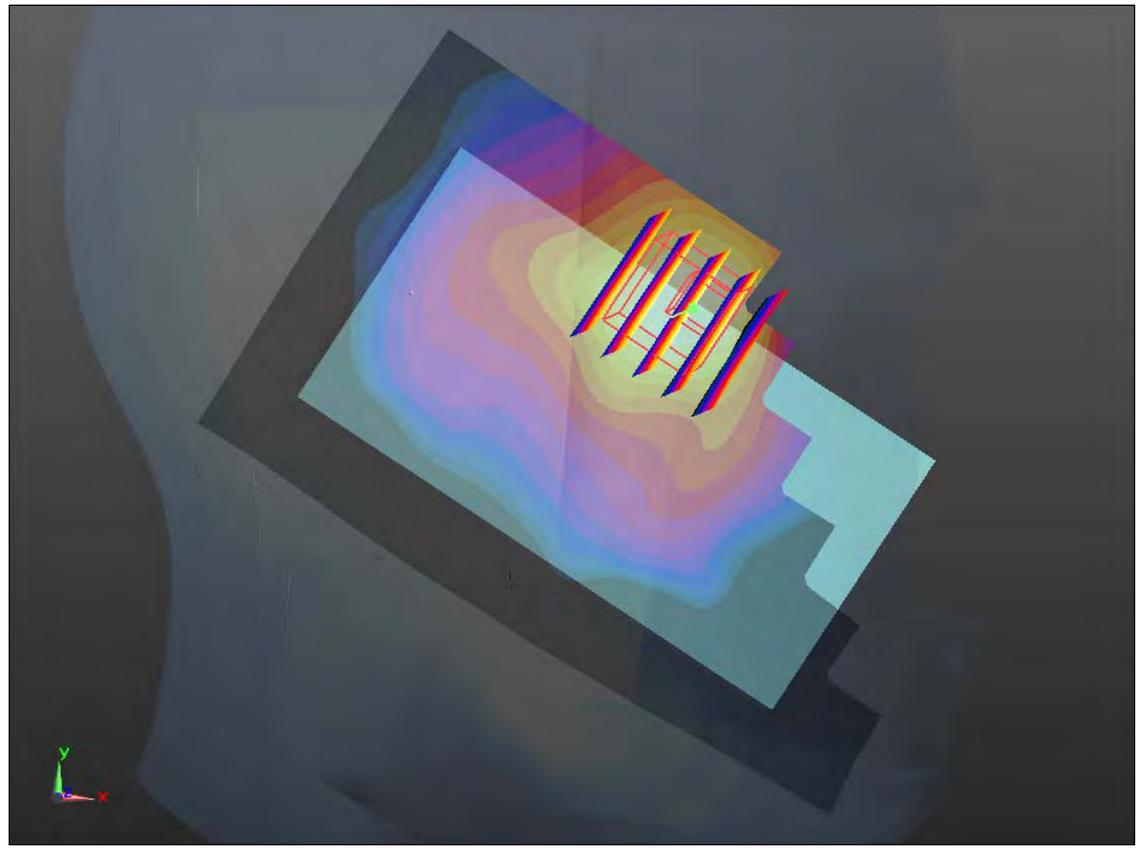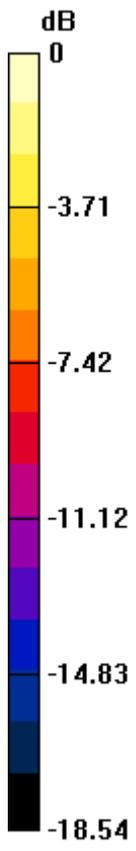
0 dB = 0.780mW/g

#35 LTE Band 25_16QAM(1 49)_10M_Left Cheek_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r = 40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.678 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.547 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.209 W/kg
SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.318 mW/g
Maximum value of SAR (measured) = 0.654 mW/g
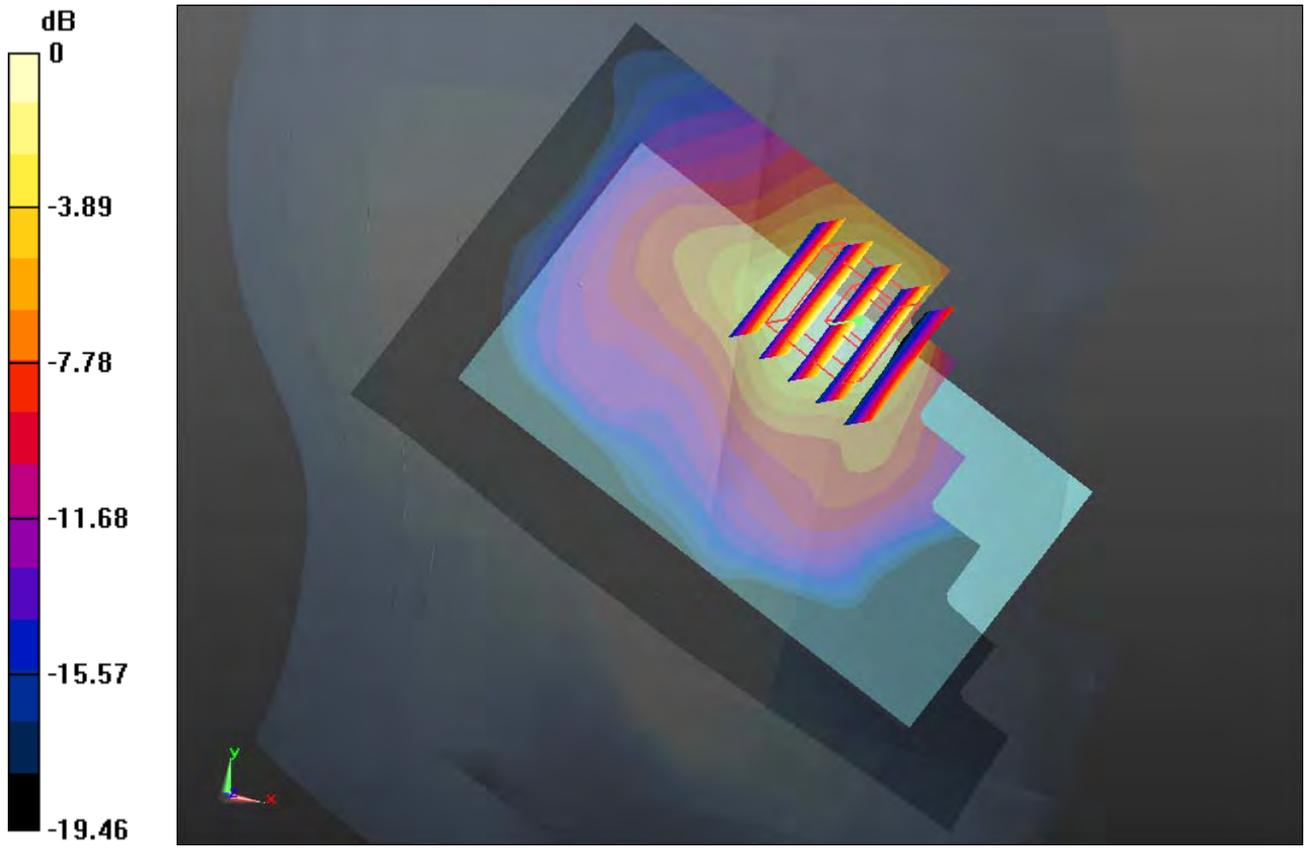
0 dB = 0.650mW/g

#16 LTE Band 25_QPSK(25 13)_10M_Left Tilted_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.214 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.304 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.314 W/kg
SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.211 mW/g
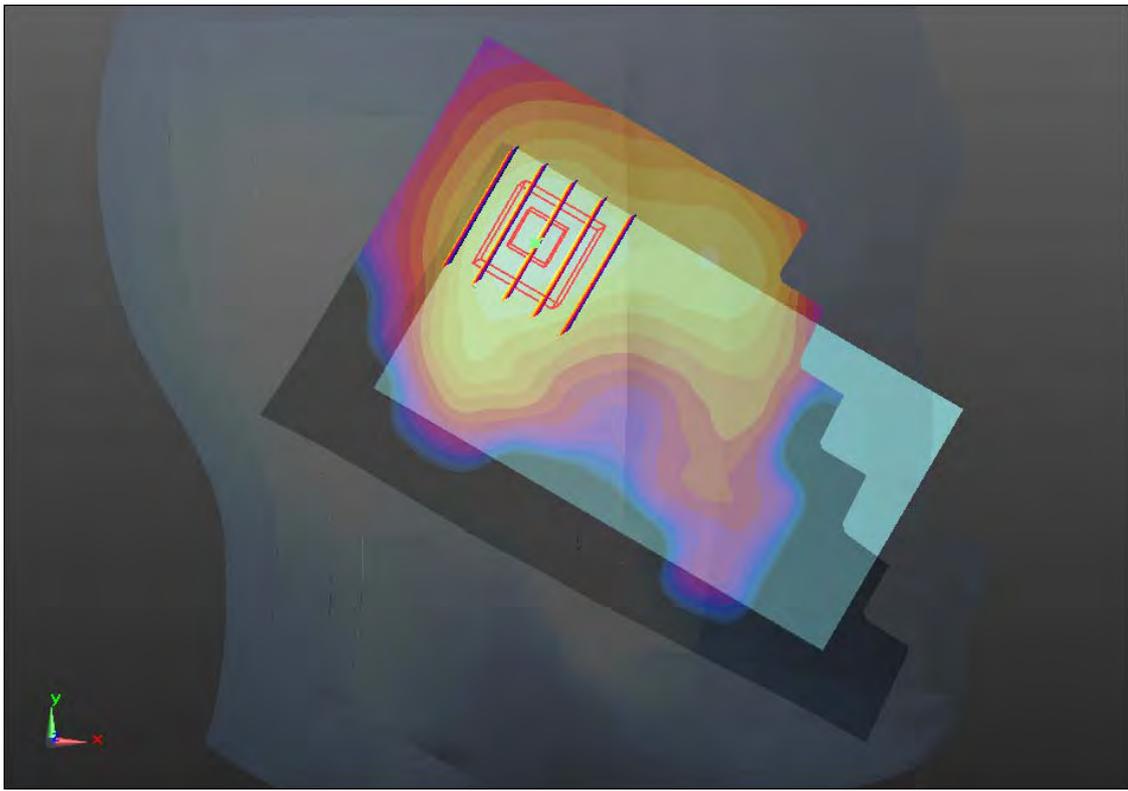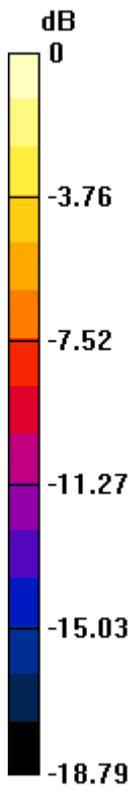
0 dB = 0.210mW/g

#20 LTE Band 25_QPSK(1 0)_10M_Left Tilted_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.306 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.745 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.430 W/kg
SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.157 mW/g
Maximum value of SAR (measured) = 0.299 mW/g

0 dB = 0.300mW/g

#20 LTE Band 25_QPSK(1 0)_10M_Left Tilted_26365_2D

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.306 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.745 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.430 W/kg
SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.157 mW/g
Maximum value of SAR (measured) = 0.299 mW/g

1g/10g Averaged SAR
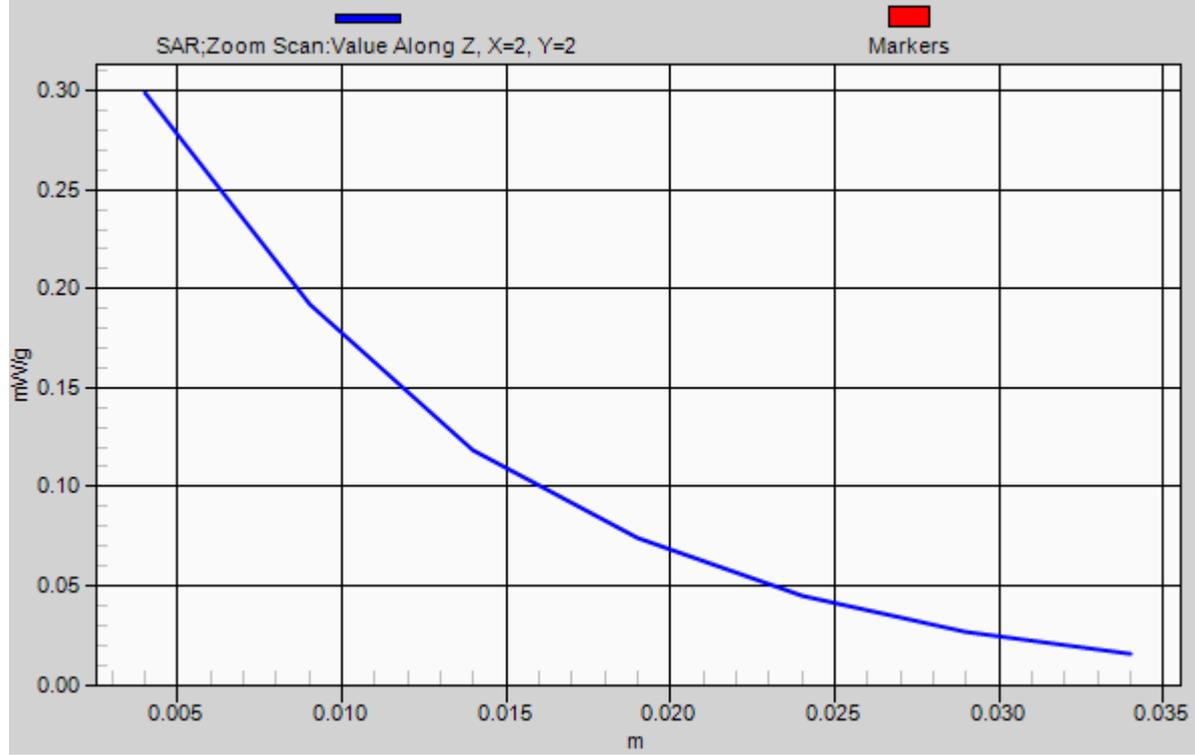
#24 LTE Band 25_QPSK(1 49)_10M_Left Tilted_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.269 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.214 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.398 W/kg
SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.137 mW/g
Maximum value of SAR (measured) = 0.260 mW/g
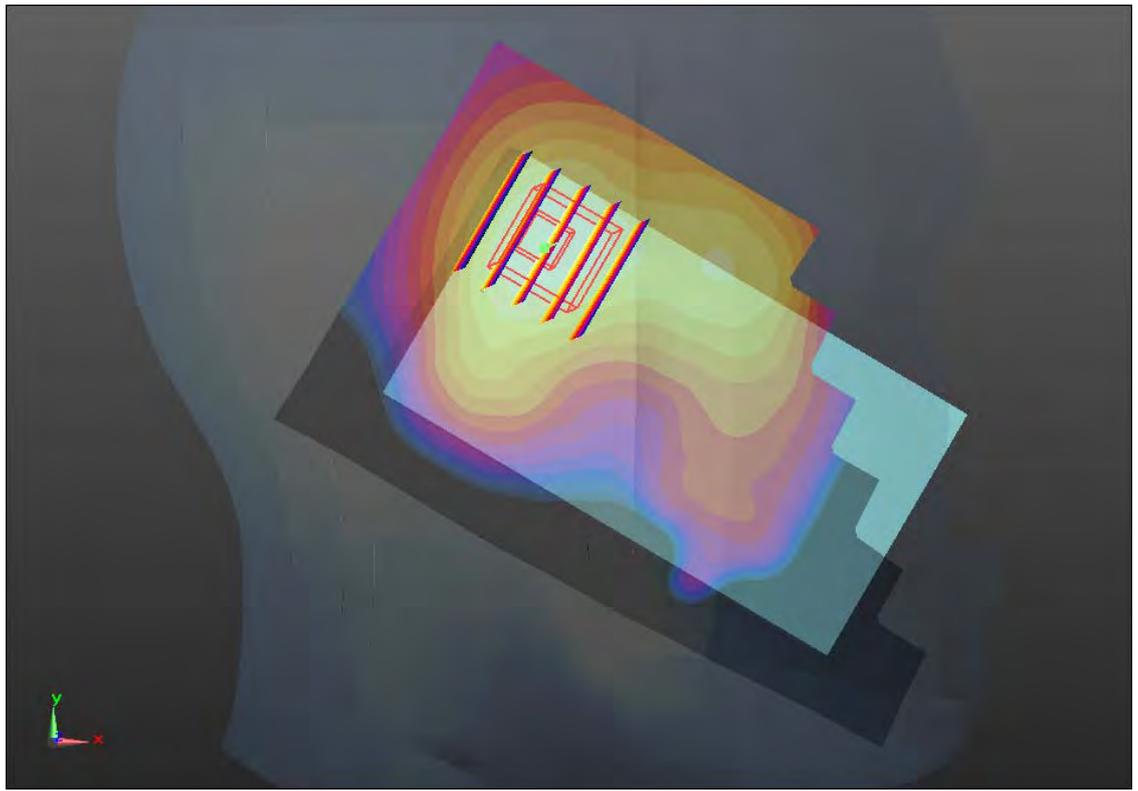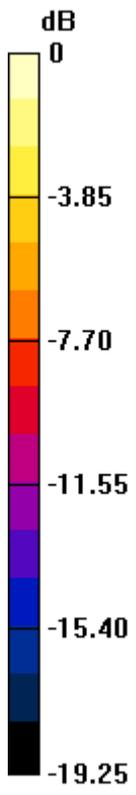
0 dB = 0.260mW/g

#28 LTE Band 25_16QAM(25 13)_10M_Left Tilted_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.163 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.062 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.248 W/kg
SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.163 mW/g
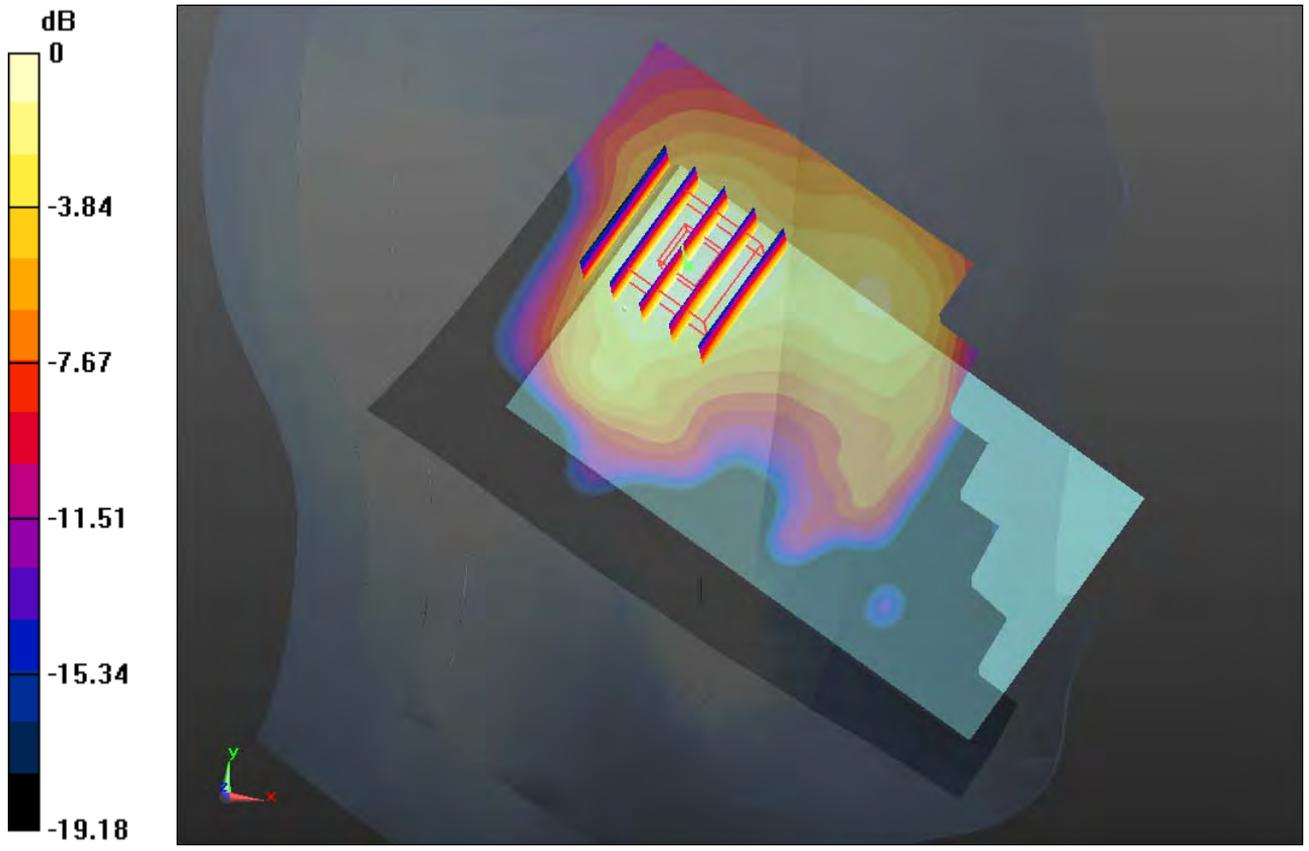
0 dB = 0.160mW/g

#32 LTE Band 25_16QAM(1 0)_10M_Left Tilted_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
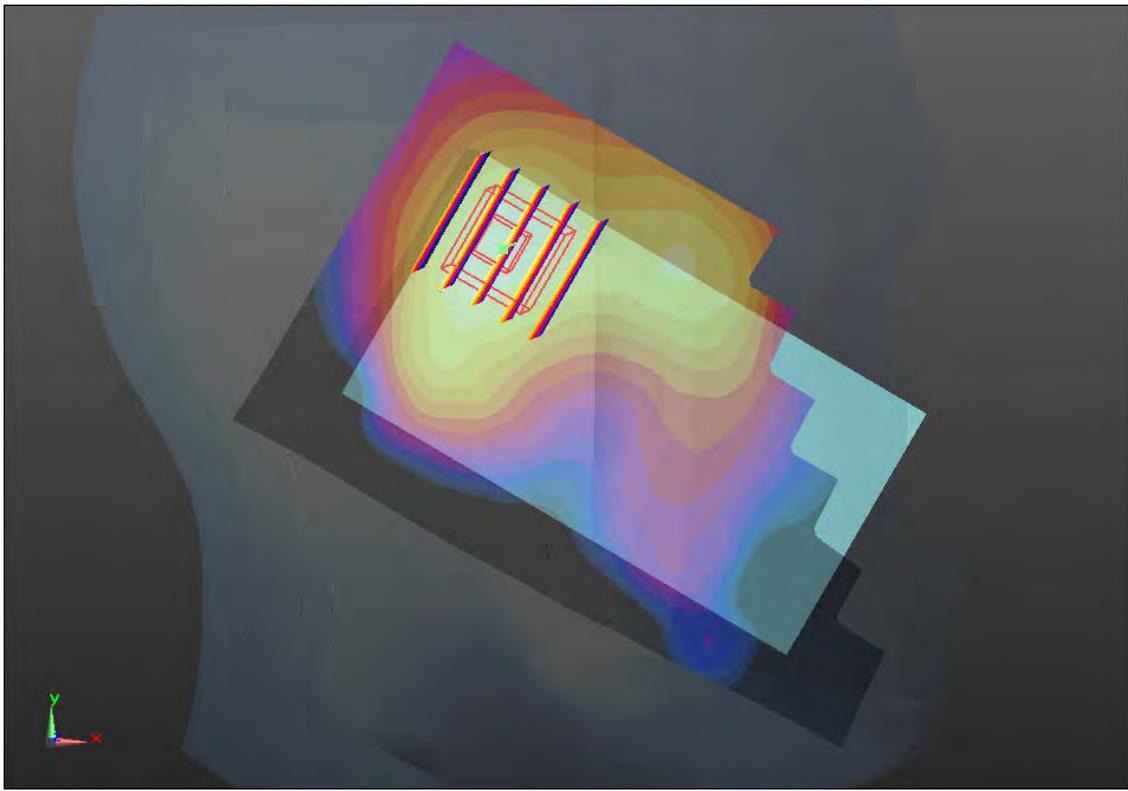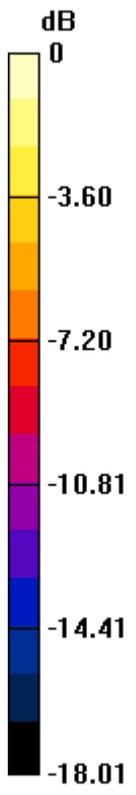Maximum value of SAR (interpolated) = 0.238 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.365 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.350 W/kg
SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.124 mW/g
Maximum value of SAR (measured) = 0.236 mW/g

0 dB = 0.240mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012-9-3

#36 LTE Band 25_16QAM(1 49)_10M_Left Tilted_26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.402 mho/m; ε_r =

40.737; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：21.5 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.208 mW/g

## Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.040 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.307 W/kg
SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.208 mW/g
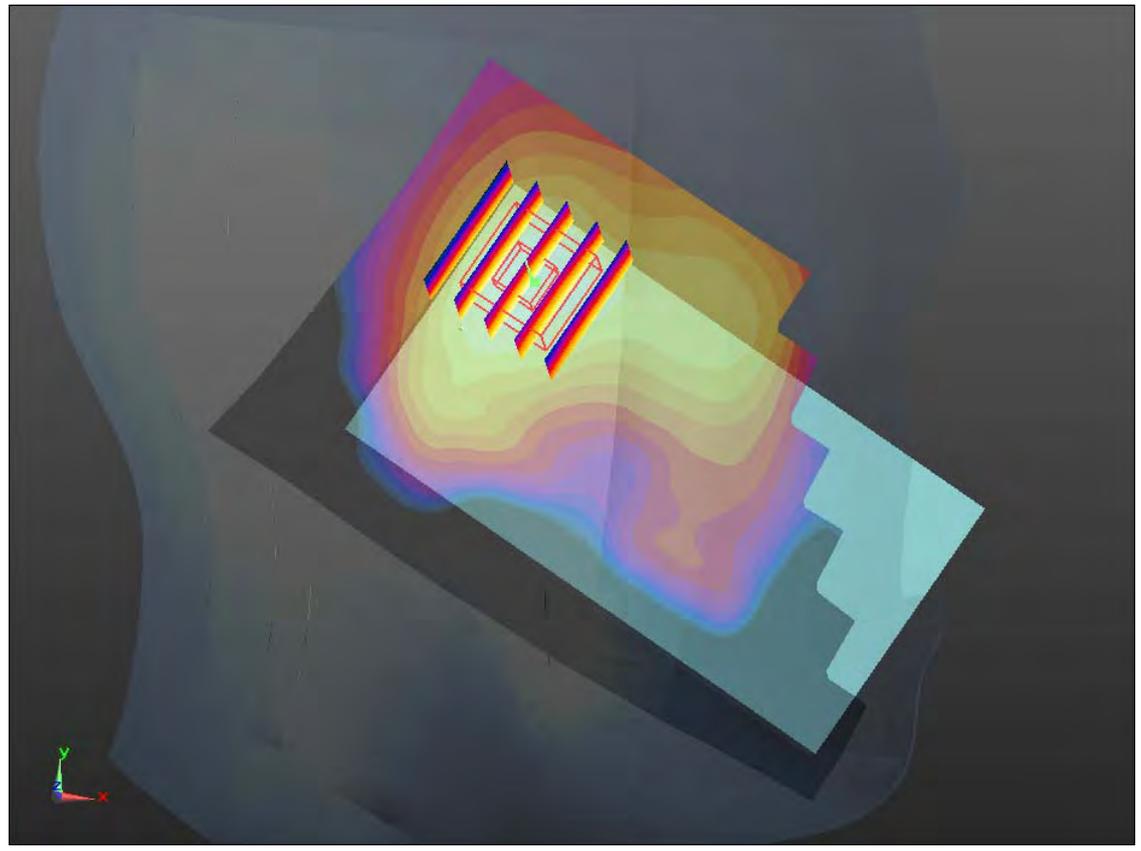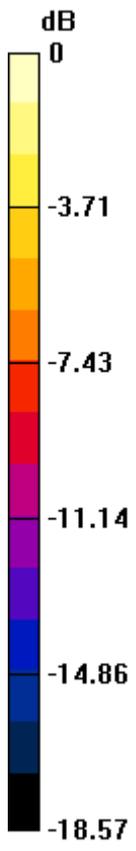
0 dB = 0.210mW/g

#37 802.11b_Right Cheek_Ch11

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120904 Medium parameters used: f = 2462 MHz; σ = 1.838 mho/m; ε_r =

37.893; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.3 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- 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) = 0.104 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.728 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.172 W/kg
SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.102 mW/g
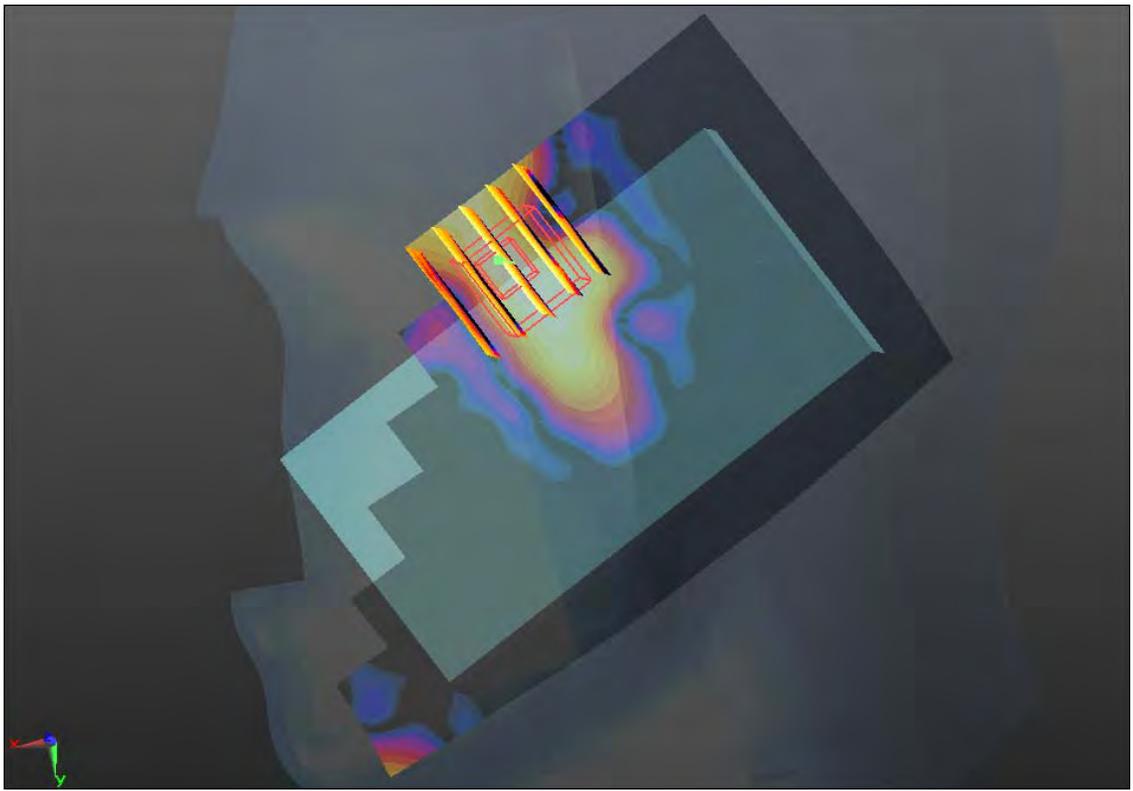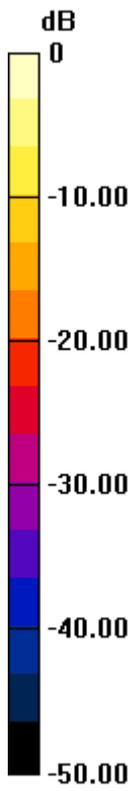
0 dB = 0.100mW/g

#38 802.11b_Right Tilted_Ch11

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120904 Medium parameters used: f = 2462 MHz; σ = 1.838 mho/m; ε_r =

37.893; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.3 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- 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) = 0.051 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.795 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.067 W/kg
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.044 mW/g
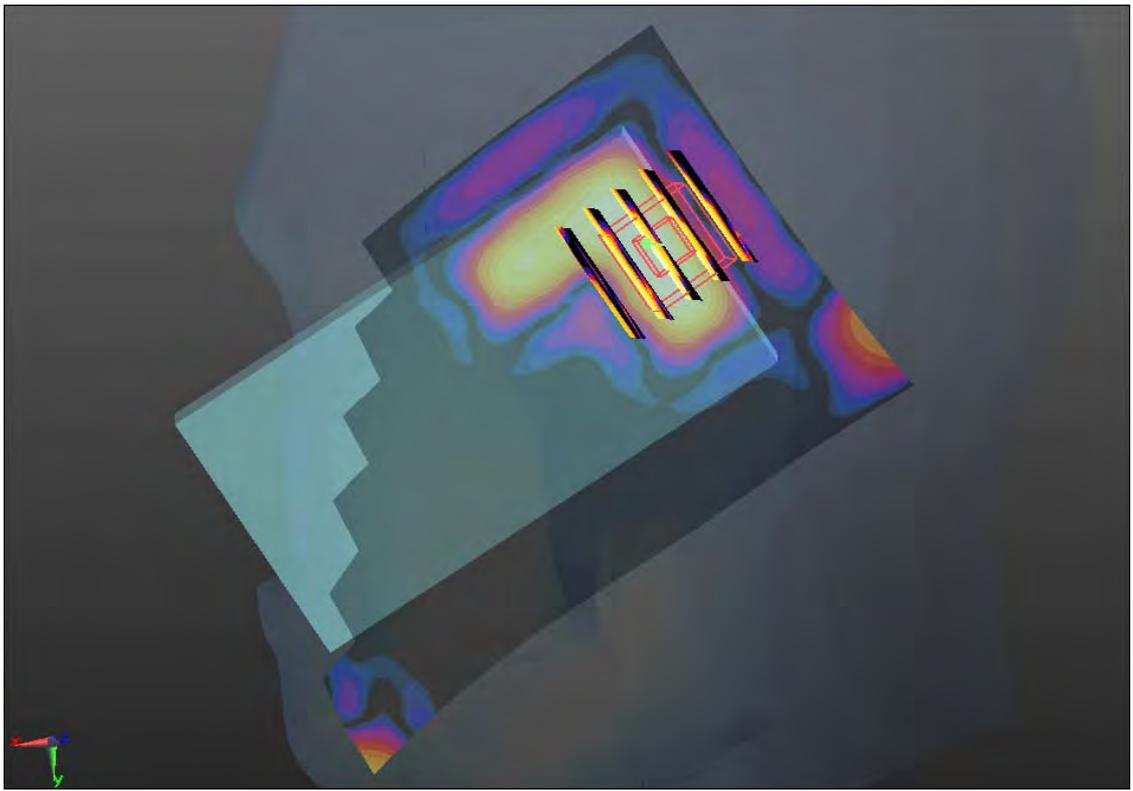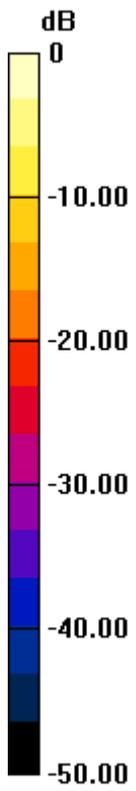
0 dB = 0.040mW/g

#39 802.11b_Left Cheek_Ch11

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120904 Medium parameters used: f = 2462 MHz; σ = 1.838 mho/m; ε_r =

37.893; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.3 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
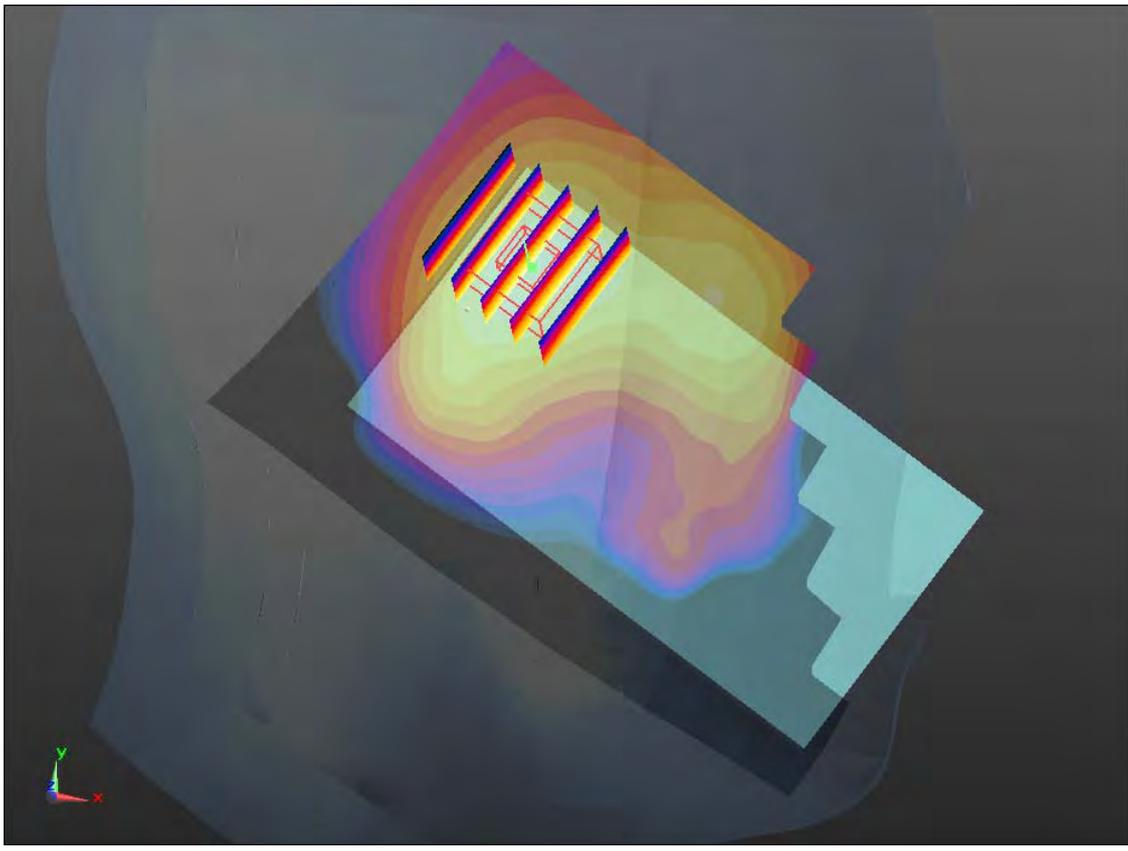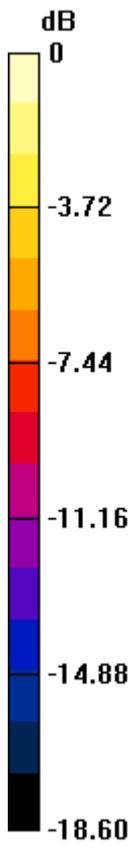Maximum value of SAR (interpolated) = 0.147 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.804 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.387 W/kg
SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.162 mW/g

0 dB = 0.160mW/g

#39 802.11b_Left Cheek_Ch11_2D

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120904 Medium parameters used: f = 2462 MHz; σ = 1.838 mho/m; ε_r =

37.893; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.3 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- 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) = 0.147 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.804 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.387 W/kg
SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.162 mW/g

1g/10g Averaged SAR

SAR;Zoom Scan:Value Along Z, X=2, Y=2   Markers

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012-9-4

#40 802.11b_Left Tilted_Ch11

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120904 Medium parameters used: f = 2462 MHz; σ = 1.838 mho/m; ε_r =

37.893; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.3 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- 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) = 0.032 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.375 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.056 W/kg
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.037 mW/g
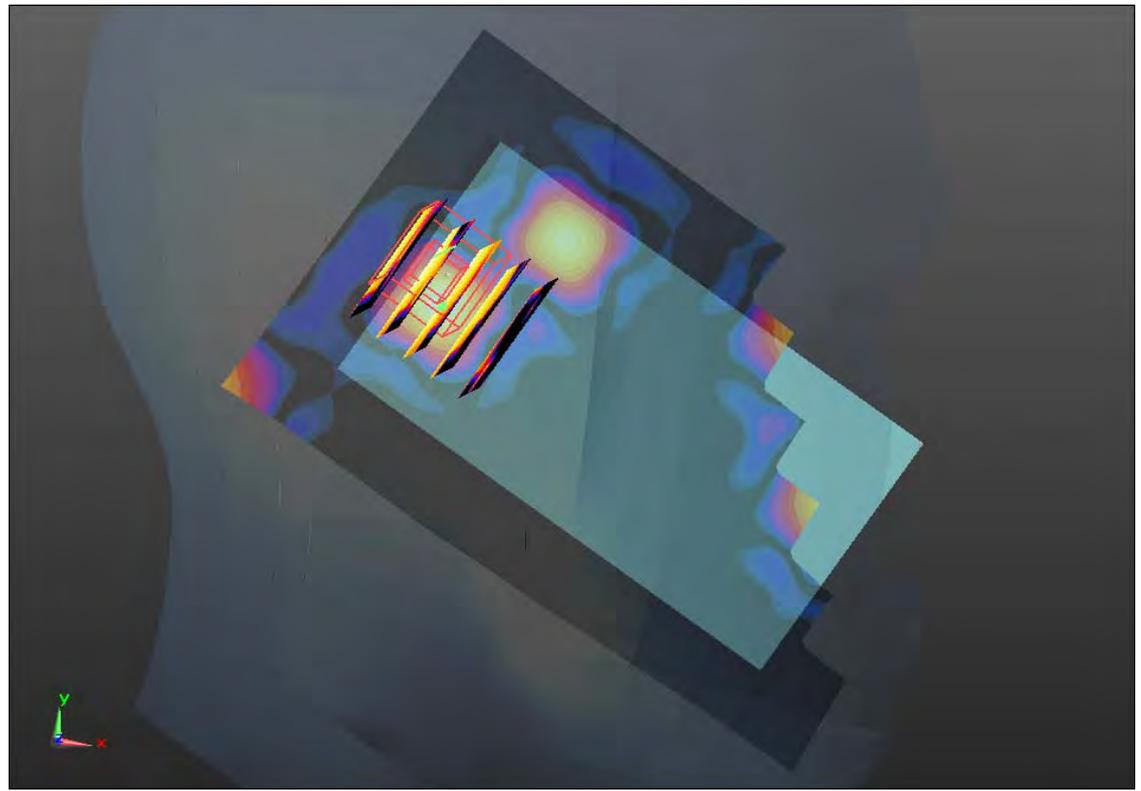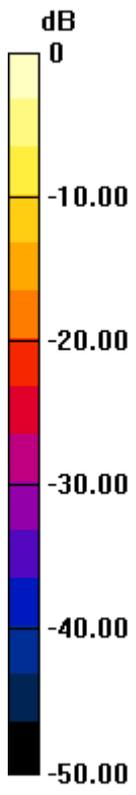
0 dB = 0.040mW/g

#47 CDMA2000 BC0_RTAP 153.6_Front_1cm_Ch777

DUT: 281701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 848.31 MHz; σ = 0.987 mho/m; ε_r =

54.162; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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) = 0.961 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.527 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.205 W/kg
SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.668 mW/g
Maximum value of SAR (measured) = 0.963 mW/g
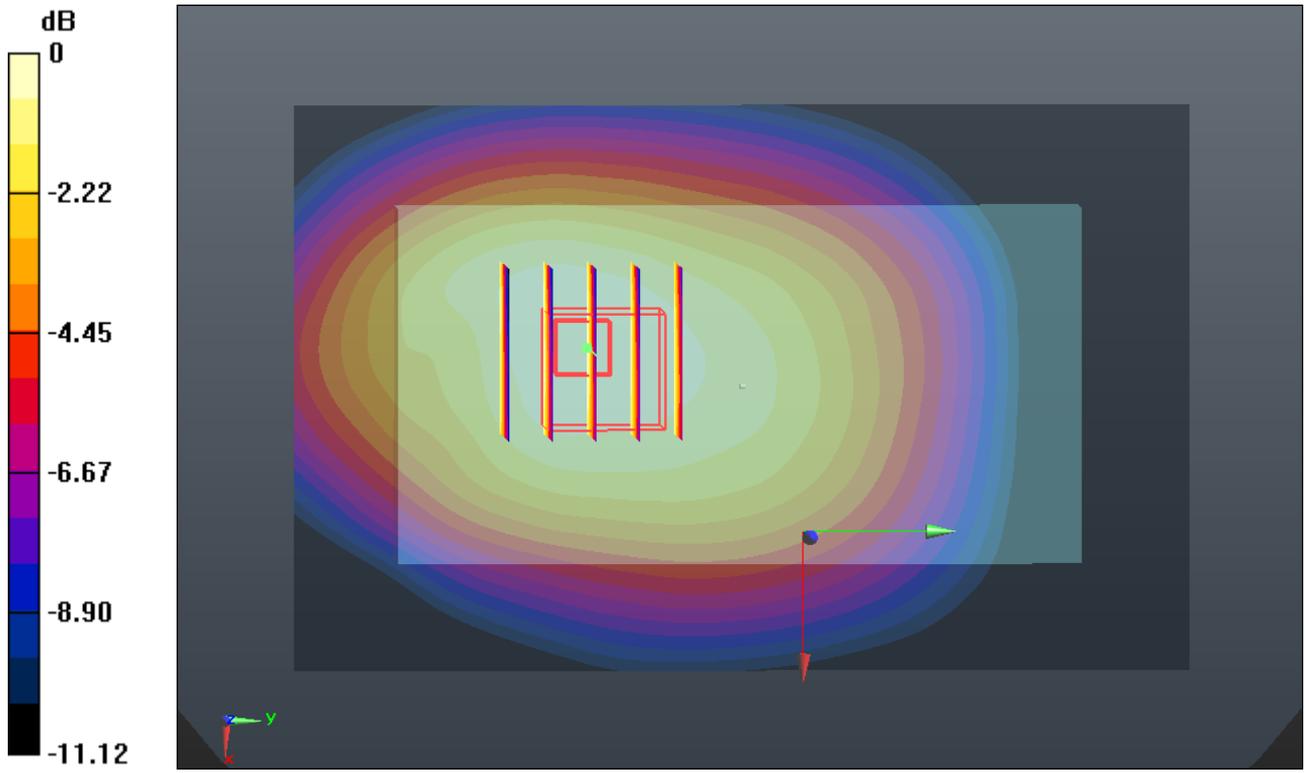
0 dB = 0.960mW/g

#122 CDMA2000 BC0_RTAP 153.6_Front_1cm_Ch1013

DUT: 281701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 825 MHz; σ = 0.965 mho/m; ε_r = 54.352;

ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
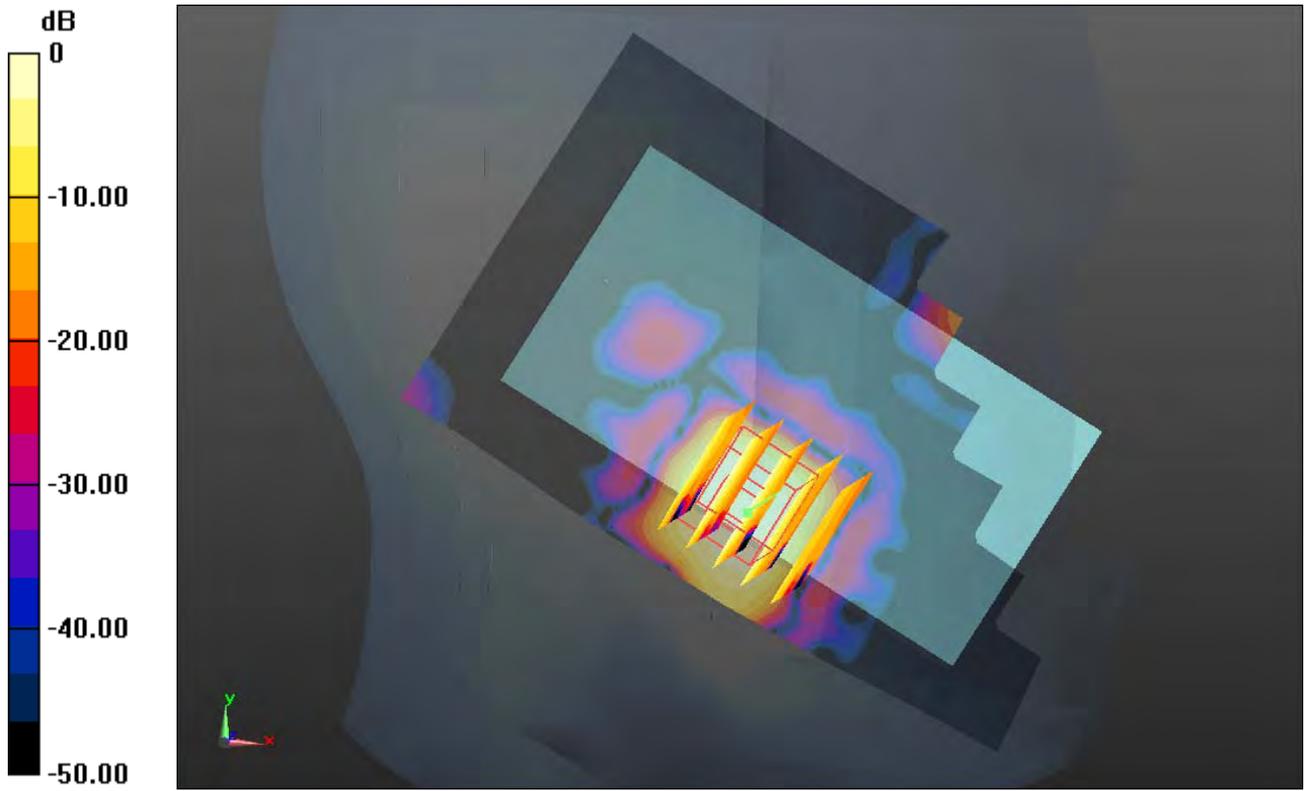Maximum value of SAR (interpolated) = 0.803 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.537 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.129 W/kg
SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.583 mW/g
Maximum value of SAR (measured) = 0.793 mW/g
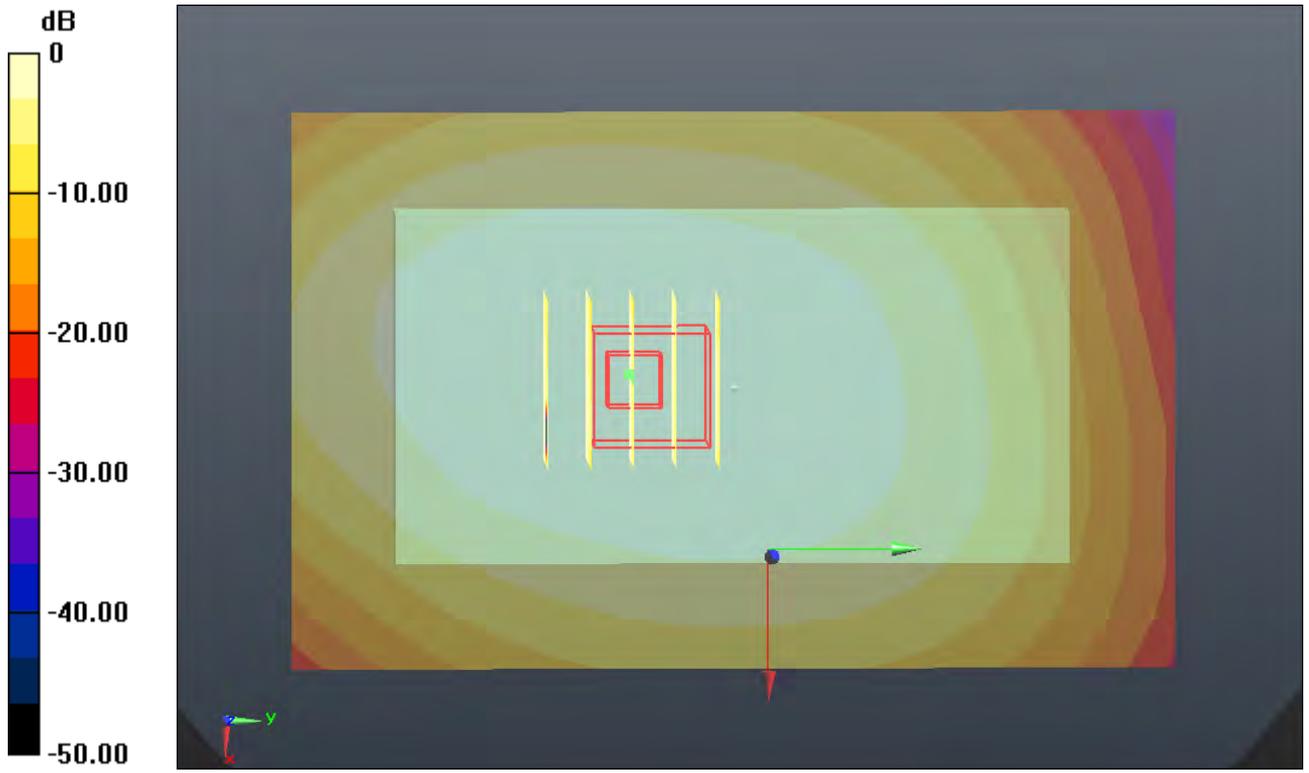
0 dB = 0.790mW/g

#123 CDMA2000 BC0_RTAP 153.6_Front_1cm_Ch384

DUT: 281701

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 837 MHz; σ = 0.976 mho/m; $ε_r$ = 54.265;

ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch384/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.028 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.381 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.274 W/kg
SAR(1 g) = 0.972 mW/g; SAR(10 g) = 0.720 mW/g
Maximum value of SAR (measured) = 1.018 mW/g
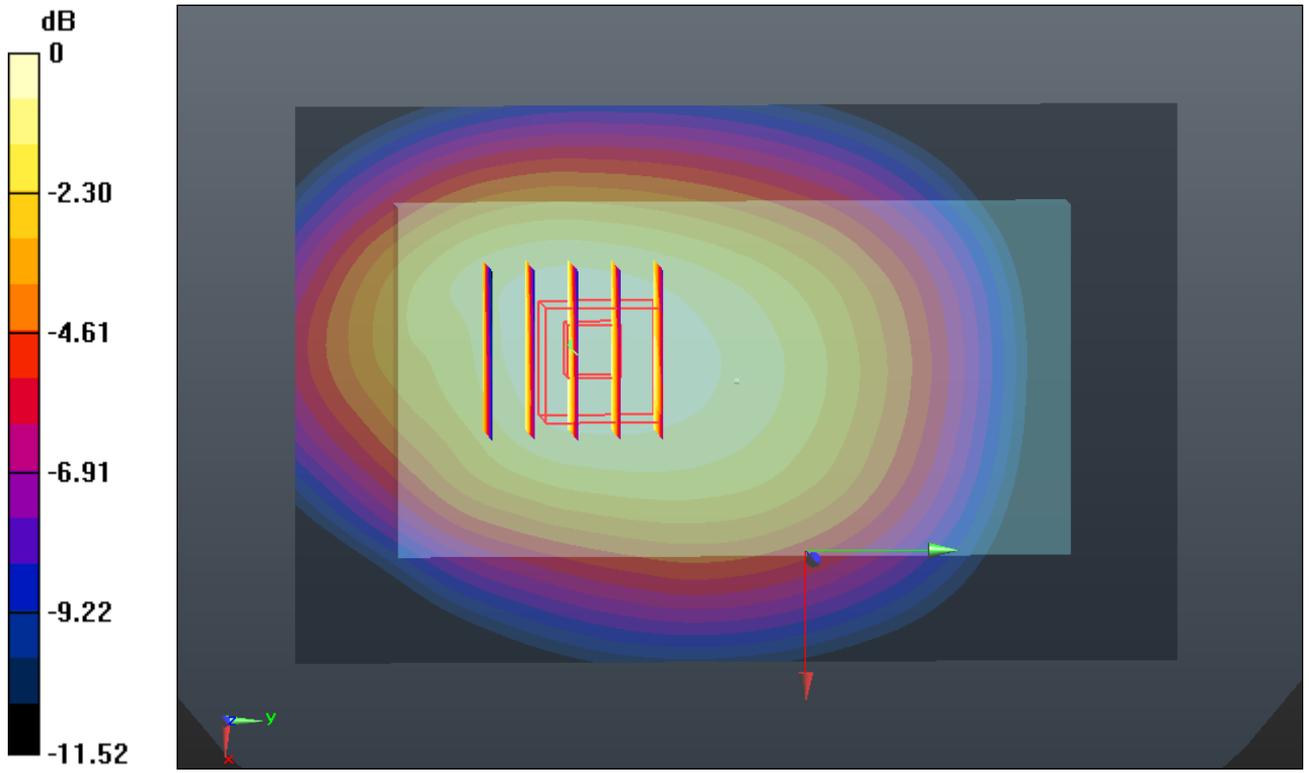
0 dB = 1.020mW/g

#48 CDMA2000 BC0_RTAP 153.6_Back_1cm_Ch777

DUT: 281701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 848.31 MHz; σ = 0.987 mho/m; ε_r =

54.162; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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) = 1.215 mW/g

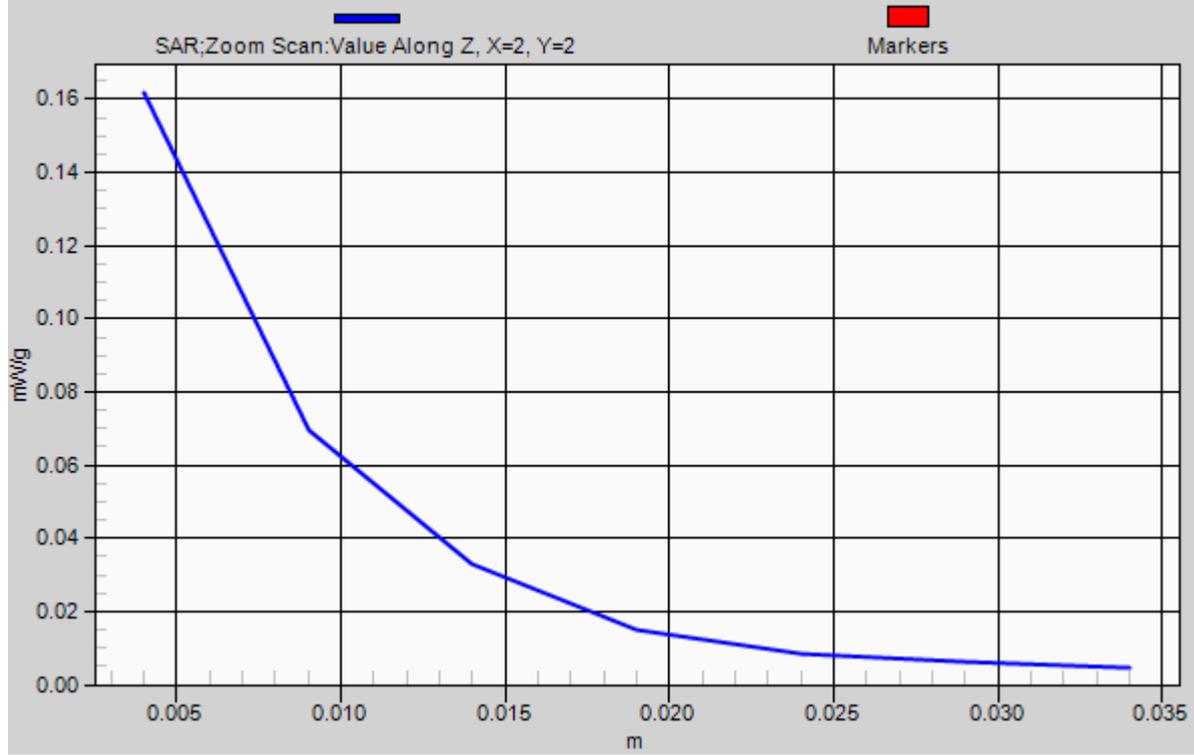**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.340 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.441 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.798 mW/g
Maximum value of SAR (measured) = 1.196 mW/g
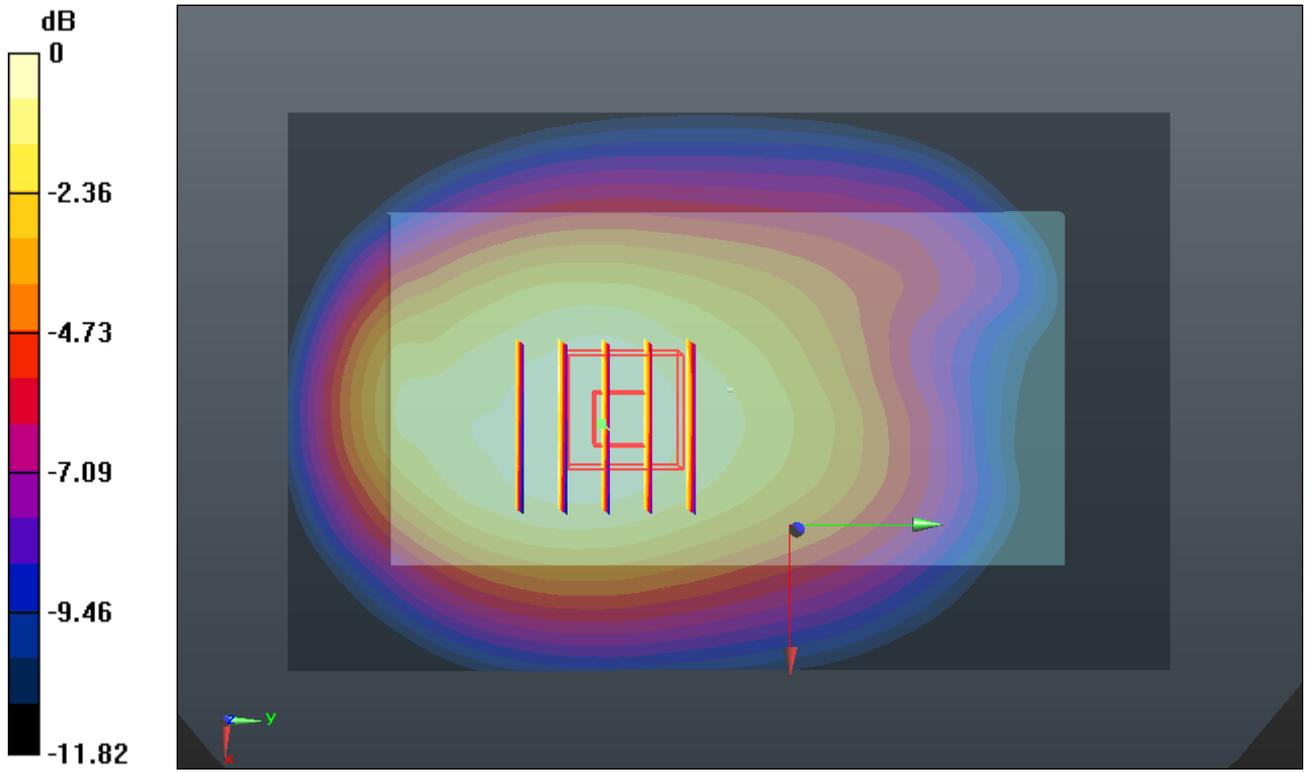
0 dB = 1.200mW/g

#120 CDMA2000 BC0_RTAP 153.6_Back_1cm_Ch1013

DUT: 281701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 825 MHz; σ = 0.965 mho/m; ε_r = 54.352;

ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.946 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.622 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.146 W/kg
SAR(1 g) = 0.906 mW/g; SAR(10 g) = 0.678 mW/g
Maximum value of SAR (measured) = 0.954 mW/g

0 dB = 0.950mW/g

#121 CDMA2000 BC0_RTAP 153.6_Back_1cm_Ch384

DUT: 281701

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 837 MHz; σ = 0.976 mho/m; ε_r = 54.265;

ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch384/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.336 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.116 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.689 W/kg
SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.912 mW/g
Maximum value of SAR (measured) = 1.331 mW/g

0 dB = 1.330mW/g

#121 CDMA2000 BC0_RTAP 153.6_Back_1cm_Ch384_2D

DUT: 281701

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 837 MHz; σ = 0.976 mho/m; ε_r = 54.265;

ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch384/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.336 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.116 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.689 W/kg
SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.912 mW/g
Maximum value of SAR (measured) = 1.331 mW/g

1g/10g Averaged SAR

SAR;Zoom Scan:Value Along Z, X=2, Y=2

Markers
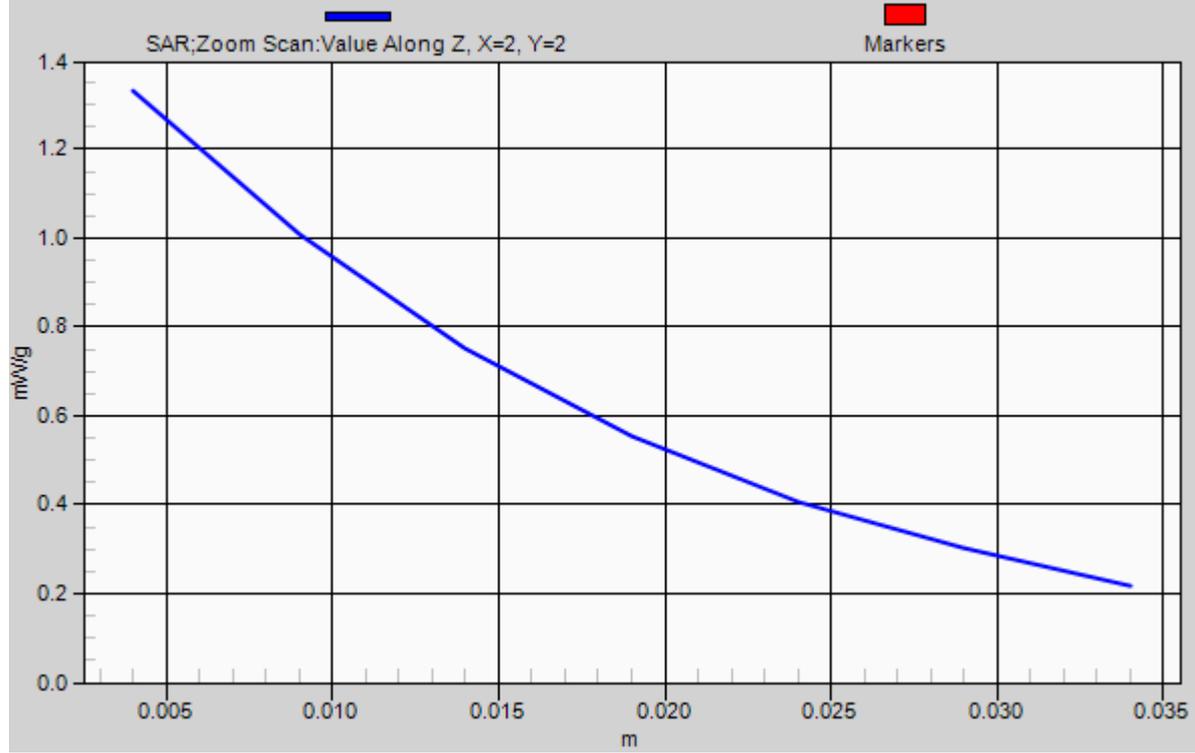
#49 CDMA2000 BC0_RTAP153.6_Left Side_1cm_Ch777

DUT: 281701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 848.31 MHz; σ = 0.987 mho/m; ε_r =

54.162; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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 (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.798 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.853 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.032 W/kg
SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.511 mW/g
Maximum value of SAR (measured) = 0.802 mW/g
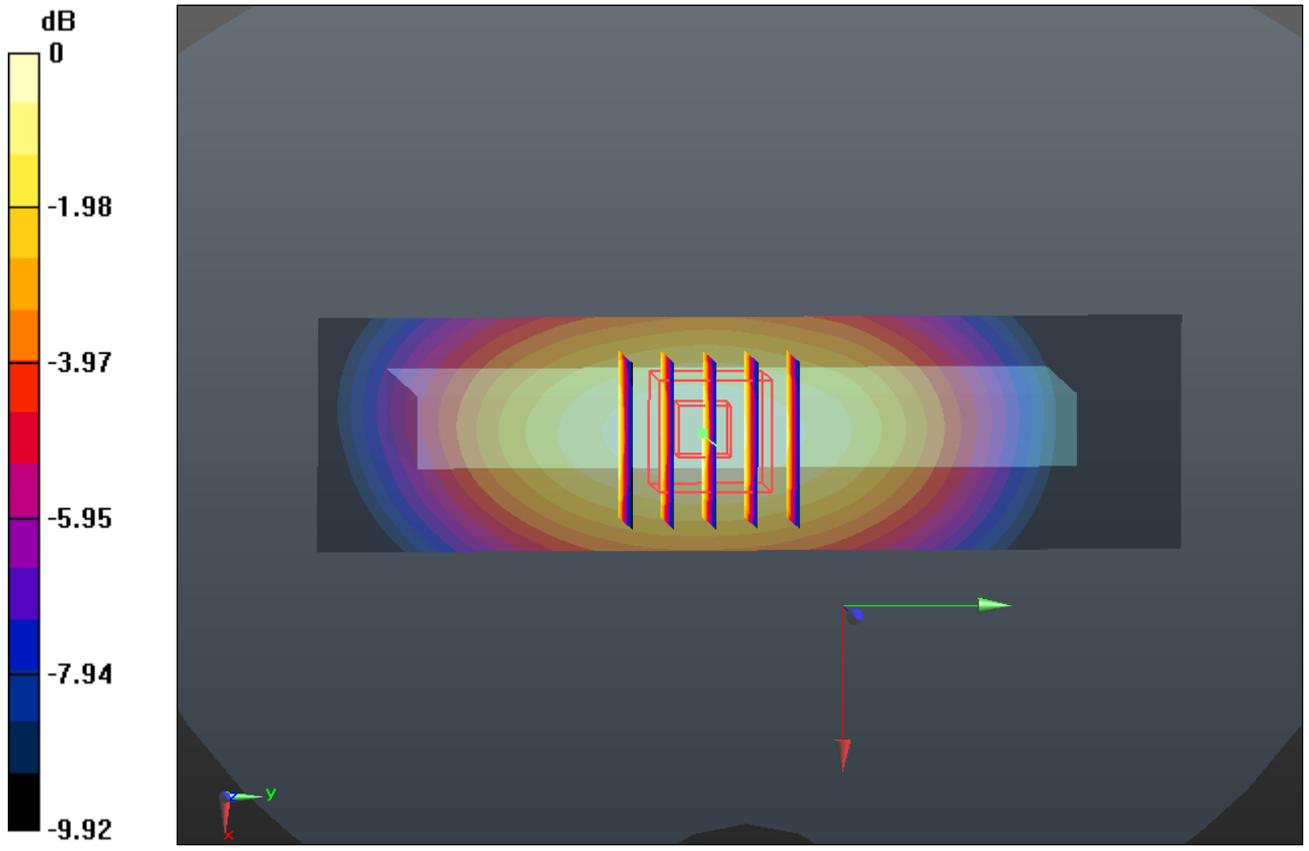
0 dB = 0.800mW/g

#50 CDMA2000 BC0_RTAP153.6_Right Side_1cm_Ch777

DUT: 281701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 848.31 MHz; σ = 0.987 mho/m; ε$_r$ =

54.162; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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 (31x111x1): Measurement grid: dx=15mm, dy=15mm
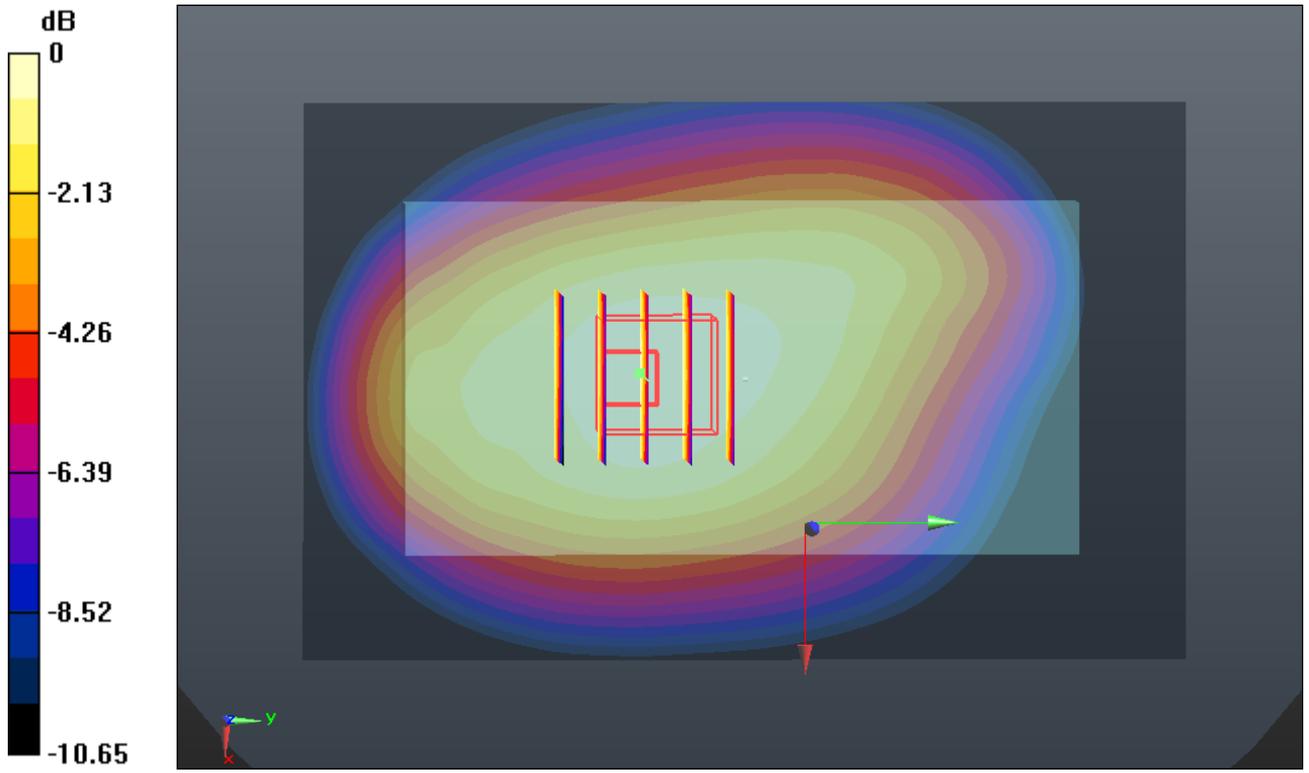Maximum value of SAR (interpolated) = 0.689 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.299 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.871 W/kg
SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.455 mW/g
Maximum value of SAR (measured) = 0.689 mW/g
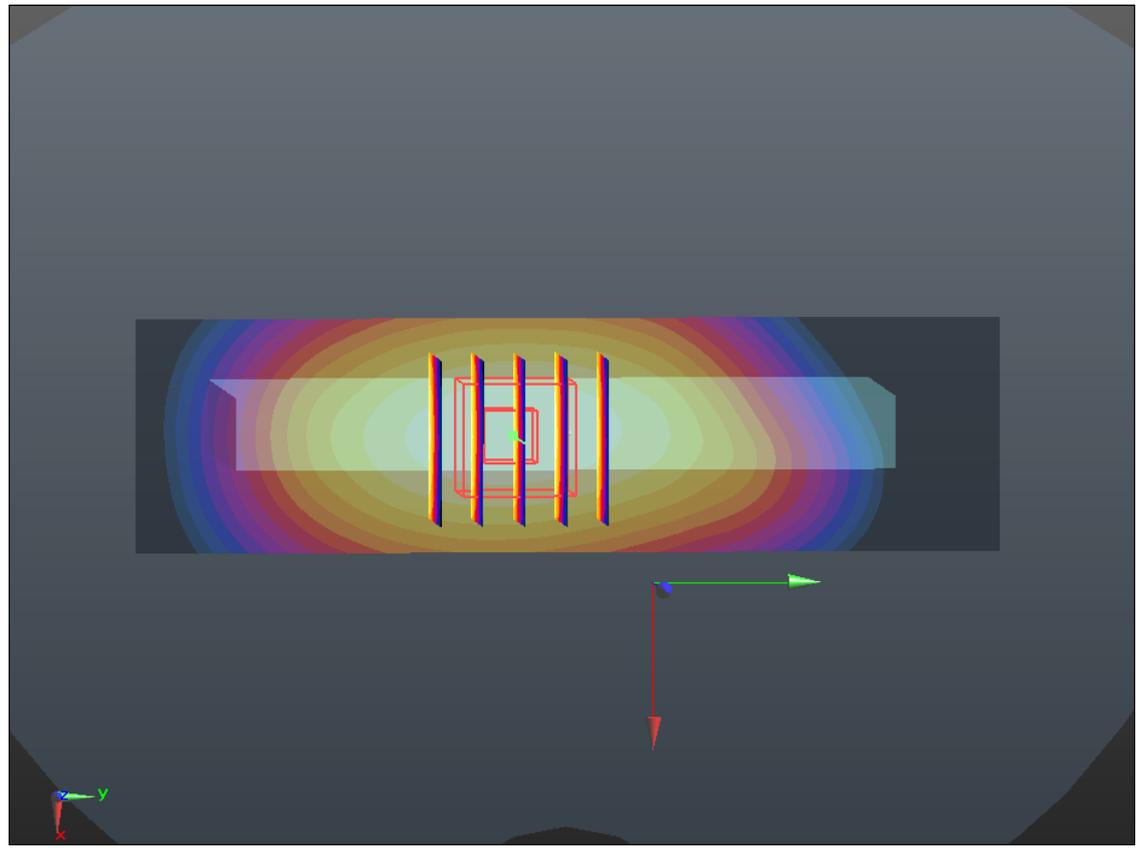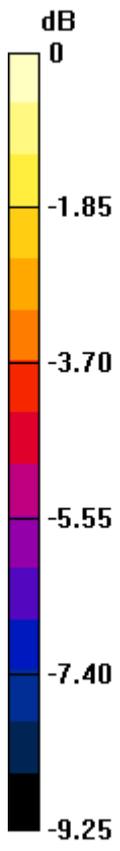
0 dB = 0.690mW/g

#51 CDMA2000 BC0_RTAP153.6_Bottom Side_1cm_Ch777

DUT: 281701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 848.31 MHz; σ = 0.987 mho/m; ε_r =

54.162; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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 (31x71x1): Measurement grid: dx=15mm, dy=15mm
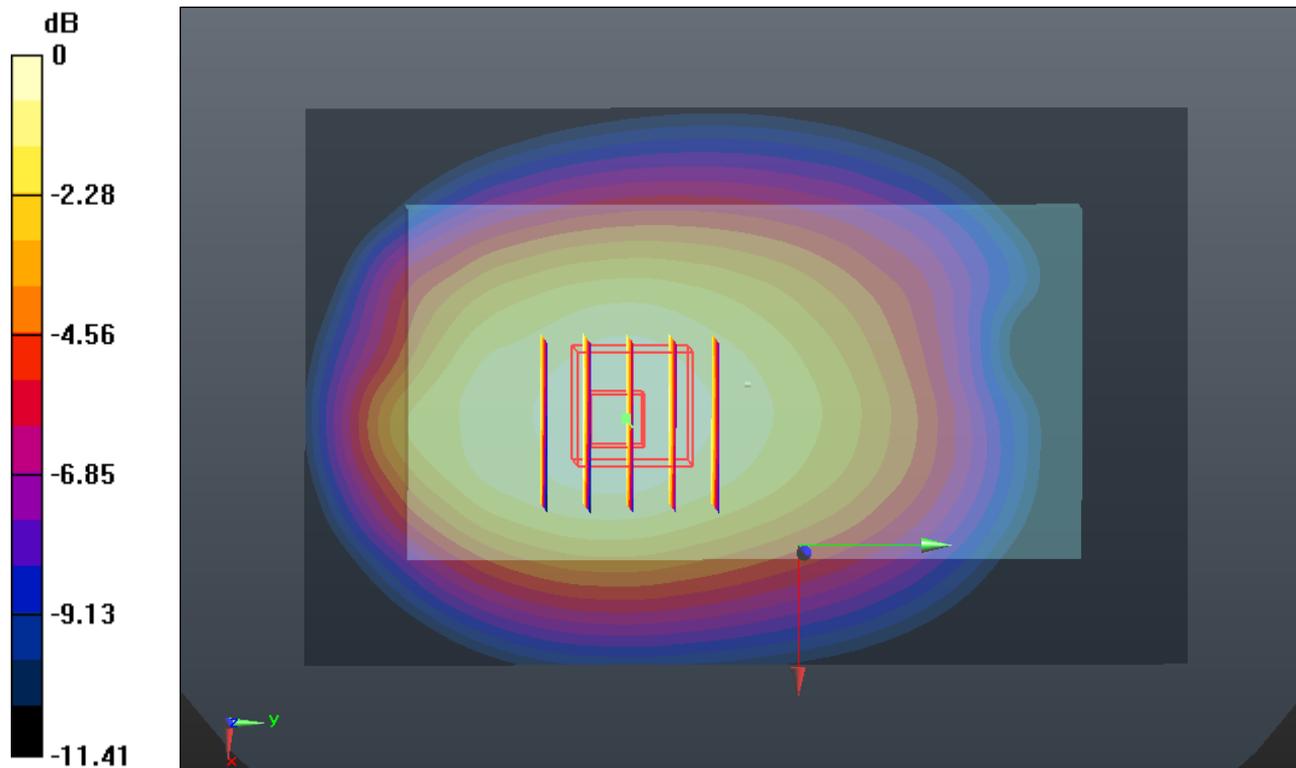Maximum value of SAR (interpolated) = 0.216 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.949 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.320 W/kg
SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.217 mW/g
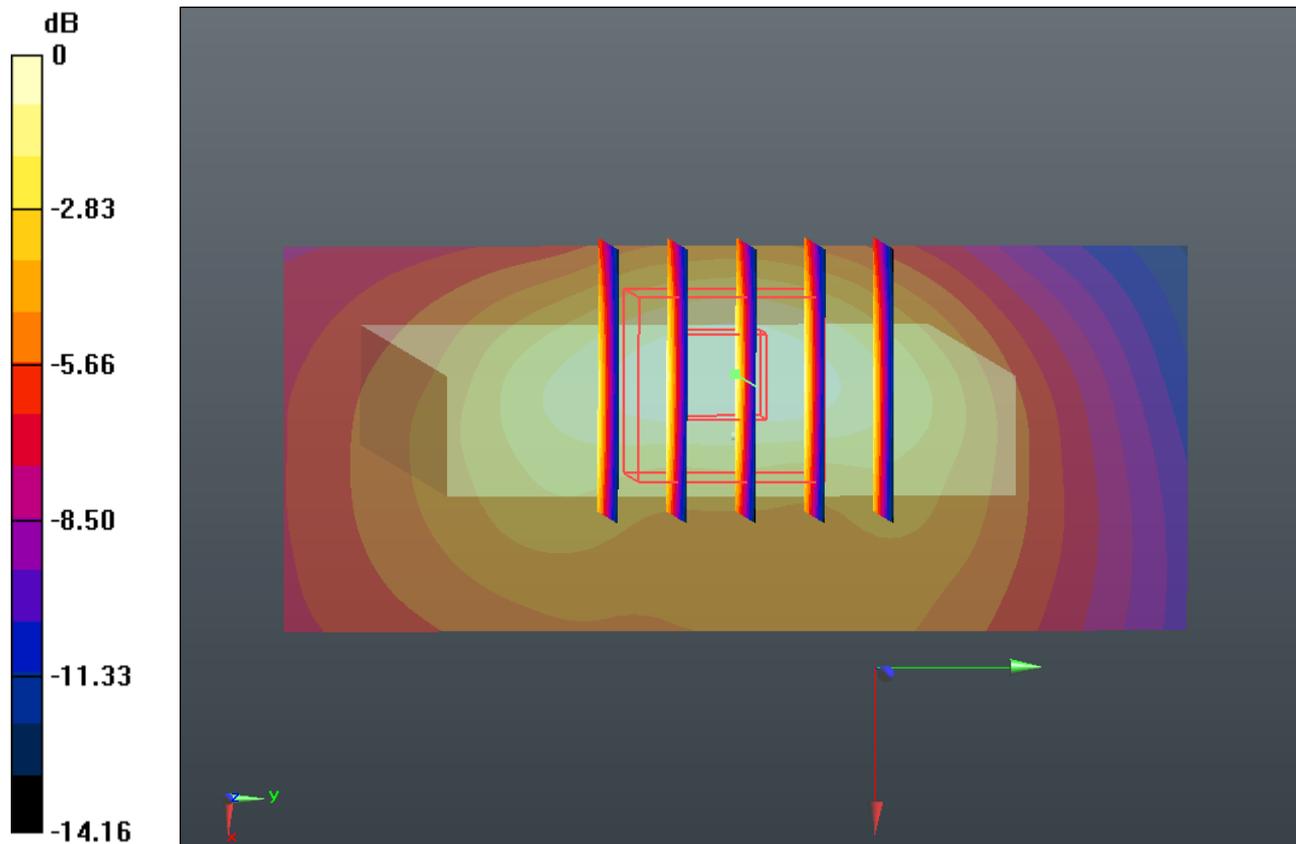
0 dB = 0.220mW/g

#58 CDMA2000 BC1_RTAP153.6_Front_1cm_Ch1175

DUT: 281701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1909 MHz; σ = 1.536 mho/m; $ε_r$ =

53.957; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 1.250 mW/g

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.398 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.854 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.643 mW/g
Maximum value of SAR (measured) = 1.209 mW/g
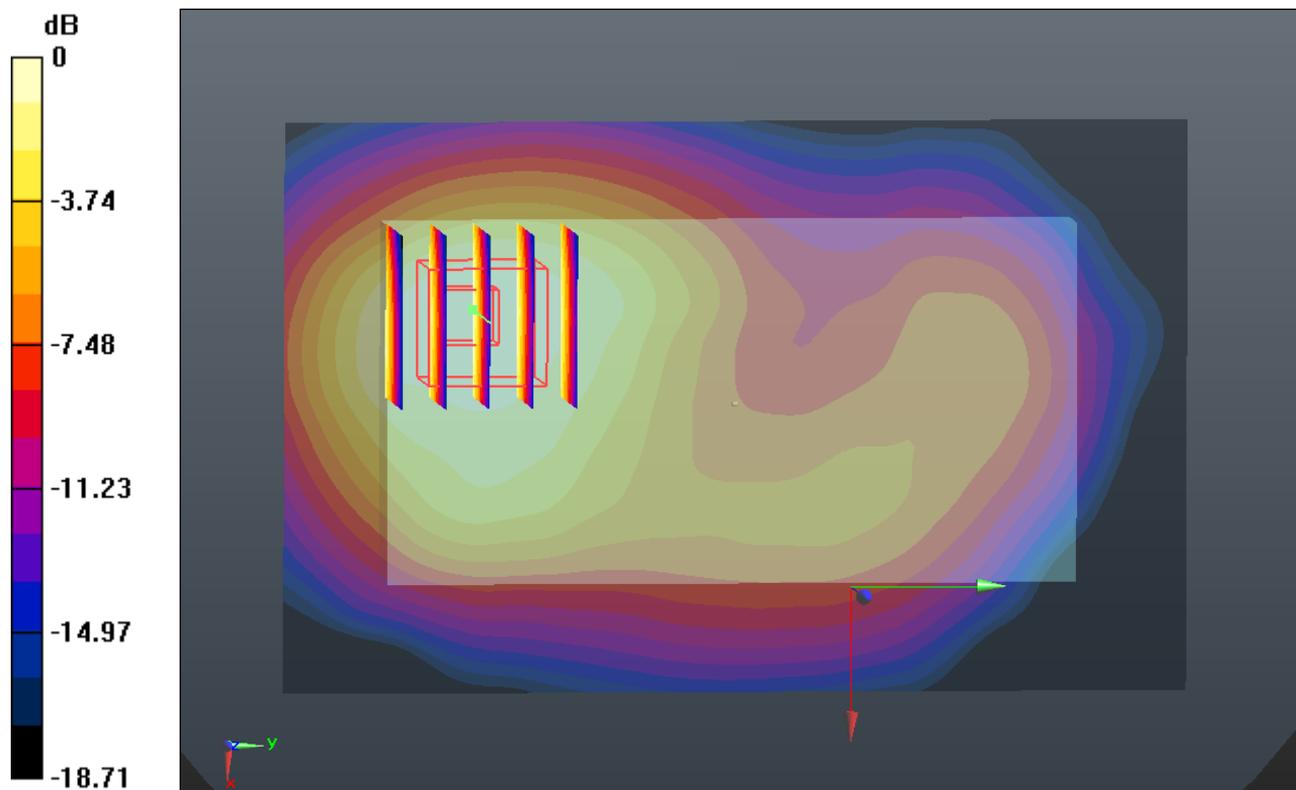
0 dB = 1.210mW/g

#128 CDMA2000 BC1_RTAP153.6_Front_1cm_Ch25

DUT: 281701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1851.25 MHz; σ = 1.47 mho/m; ε_r =

54.078; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 1.159 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.080 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 1.732 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.607 mW/g
Maximum value of SAR (measured) = 1.134 mW/g
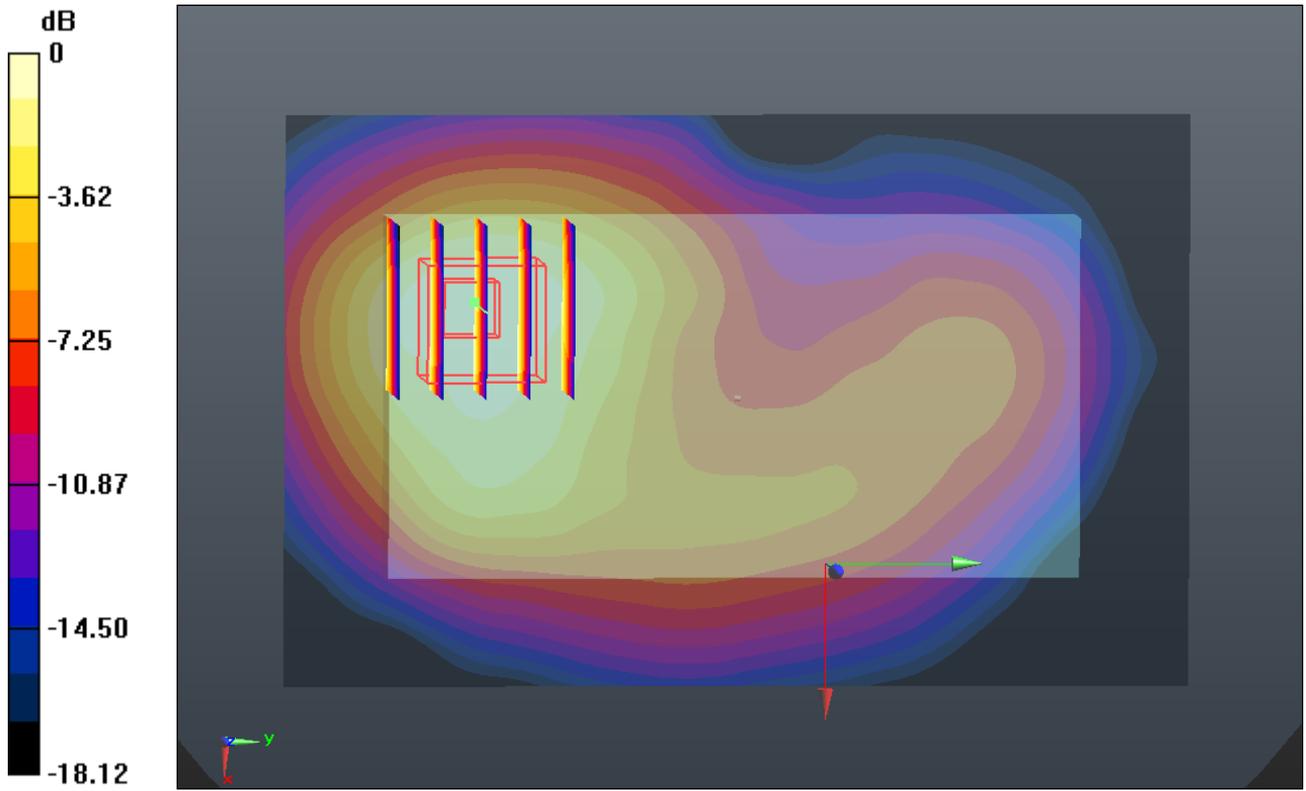
0 dB = 1.130mW/g

#143 CDMA2000 BC1_RTAP153.6_Front_1cm_Ch600

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε$_r$ =

54.011; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 1.286 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.253 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.875 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.663 mW/g
Maximum value of SAR (measured) = 1.235 mW/g
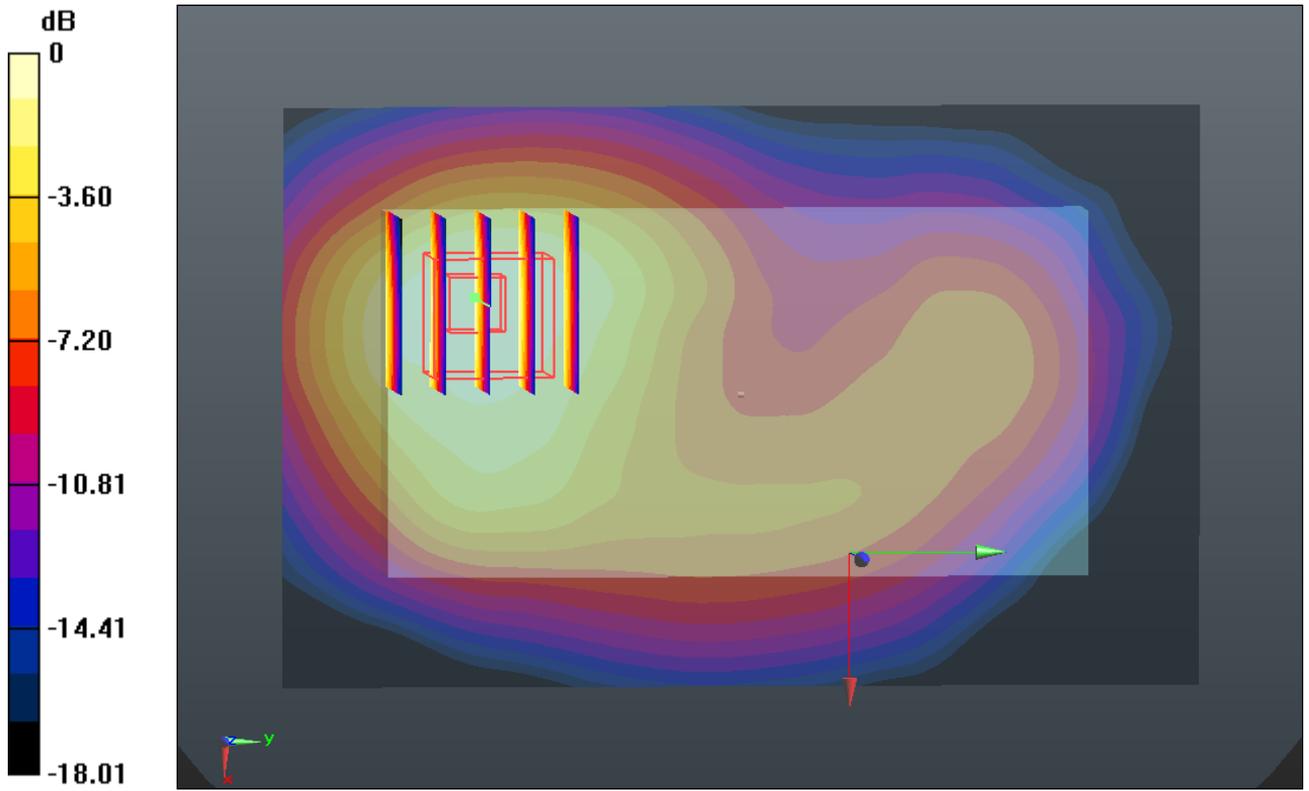
0 dB = 1.230mW/g

#59 CDMA2000 BC1_RTAP153.6_Back_1cm_Ch1175

DUT: 281701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1909 MHz; σ = 1.536 mho/m; ε_r =

53.957; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

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) = 1.456 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.848 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.310 W/kg
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.739 mW/g
Maximum value of SAR (measured) = 1.456 mW/g
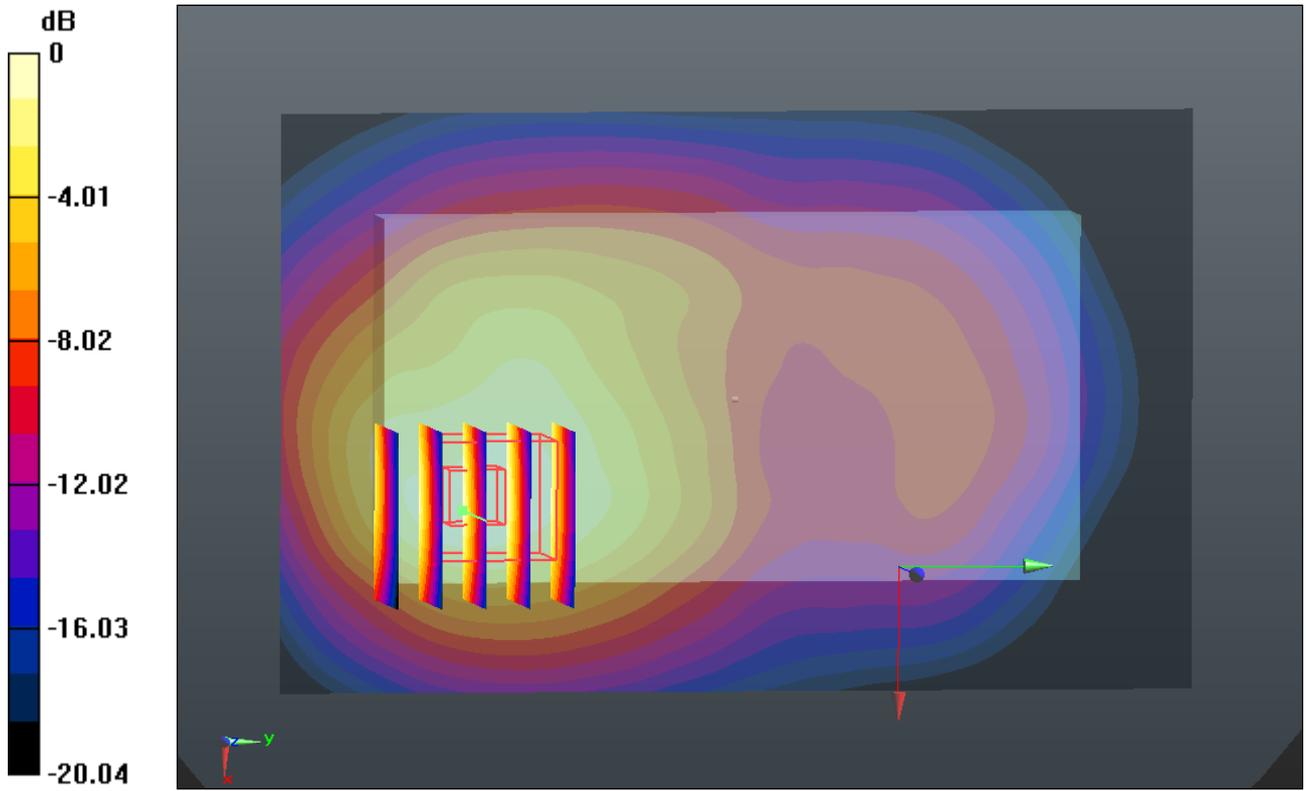
0 dB = 1.460mW/g

#144 CDMA2000 BC1_RTAP153.6_Back_1cm_Ch25

DUT: 281701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1851.25 MHz; σ = 1.47 mho/m; $ε_r$ =

54.078; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 1.377 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.648 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.157 W/kg
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.689 mW/g
Maximum value of SAR (measured) = 1.340 mW/g
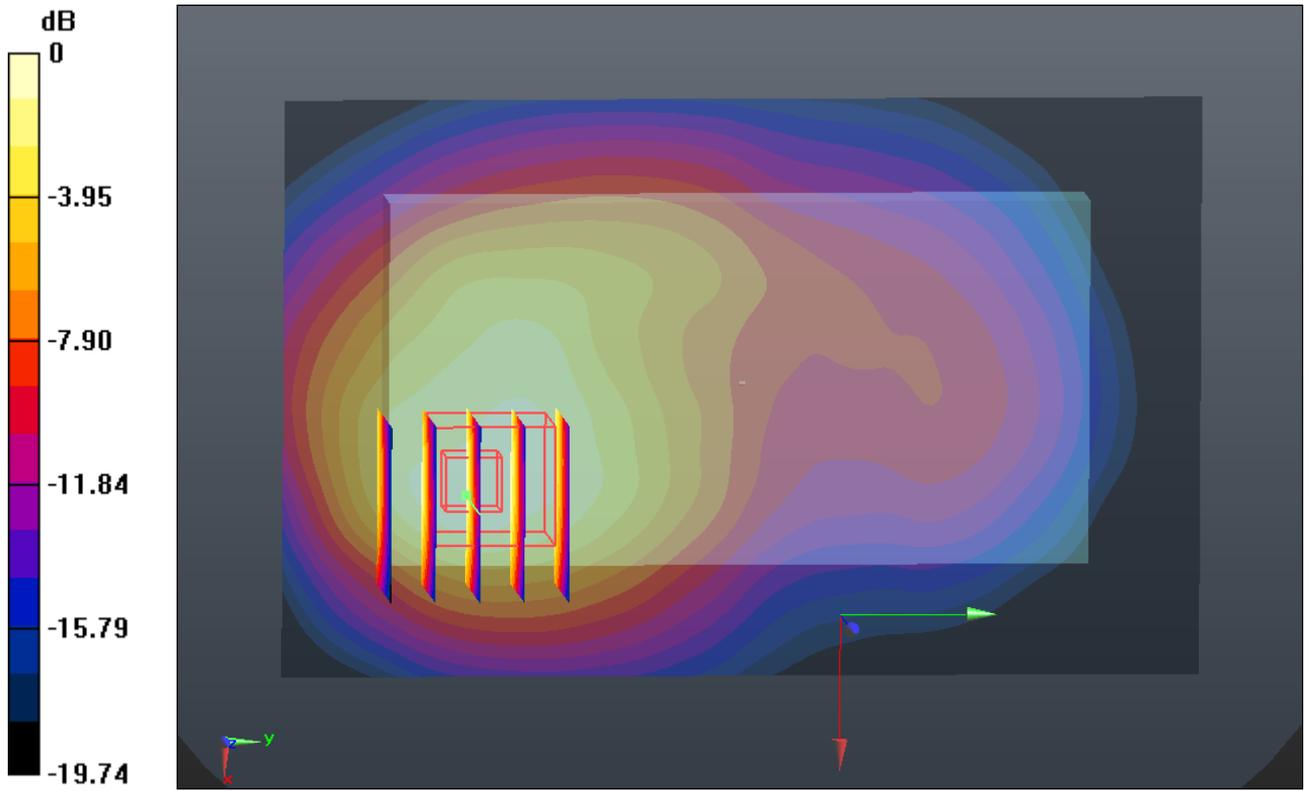
0 dB = 1.340mW/g

#145 CDMA2000 BC1_RTAP153.6_Back_1cm_Ch600

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r =

54.011; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 1.495 mW/g
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.879 V/m; Power Drift = -0.0083 dB
Peak SAR (extrapolated) = 2.333 W/kg
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.762 mW/g
Maximum value of SAR (measured) = 1.515 mW/g

0 dB = 1.510mW/g

 #145 CDMA2000 BC1_RTAP153.6_Back_1cm_Ch600_2D

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r =

54.011; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 1.495 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.879 V/m; Power Drift = -0.0083 dB
Peak SAR (extrapolated) = 2.333 W/kg
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.762 mW/g
Maximum value of SAR (measured) = 1.515 mW/g

1g/10g Averaged SAR
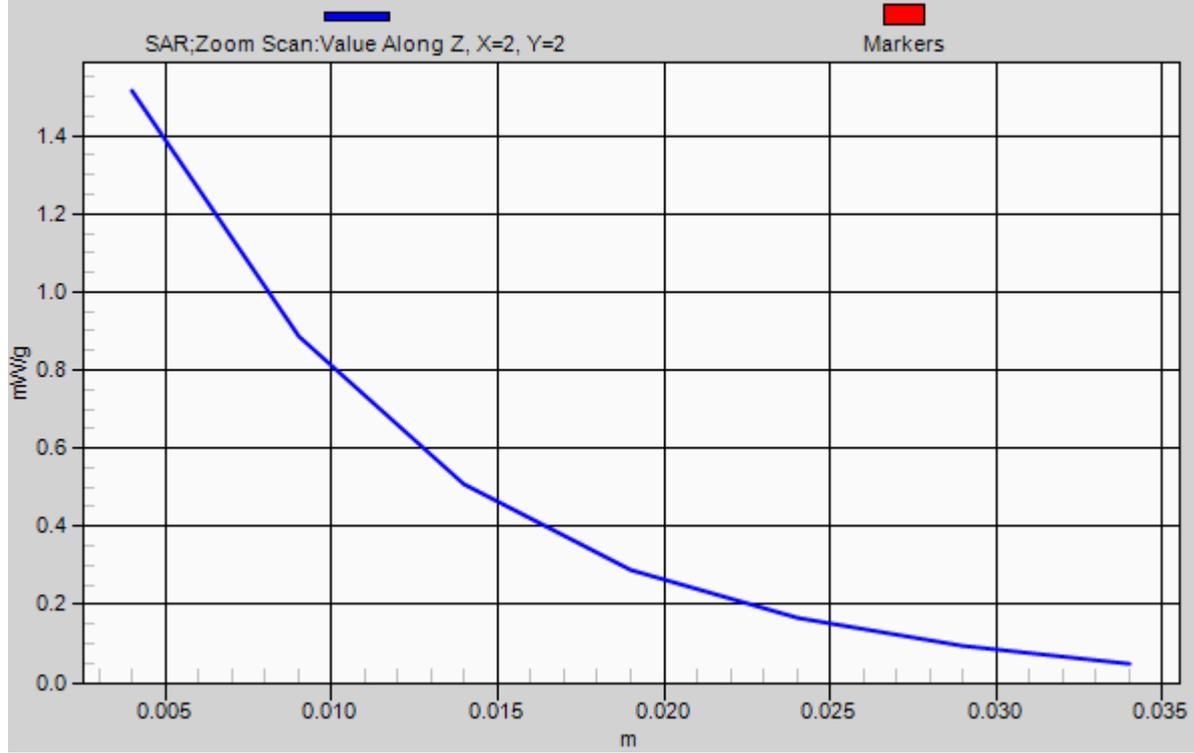
#60 CDMA2000 BC1_RTAP153.6_Left Side_1cm_Ch1175

DUT: 281701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1909 MHz; σ = 1.536 mho/m; ε$_r$ =

53.957; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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 (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.670 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.985 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.961 W/kg
SAR(1 g) = 0.583 mW/g; SAR(10 g) = 0.333 mW/g
Maximum value of SAR (measured) = 0.643 mW/g
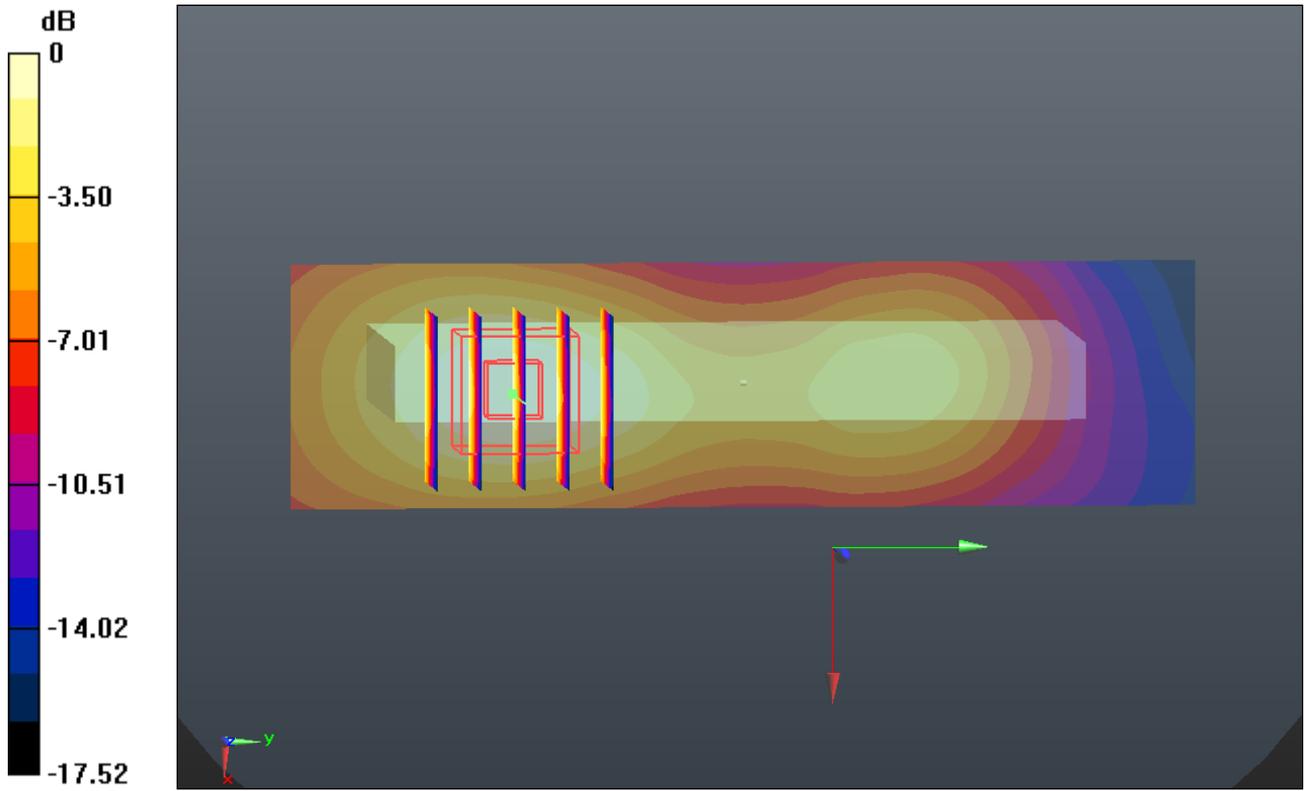
0 dB = 0.640mW/g

#61 CDMA2000 BC1_RTAP153.6_Right Side_1cm_Ch1175

DUT: 281701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1909 MHz; σ = 1.536 mho/m; ϵ_r =

53.957; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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 (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.361 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.475 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.546 W/kg
SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.196 mW/g
Maximum value of SAR (measured) = 0.369 mW/g
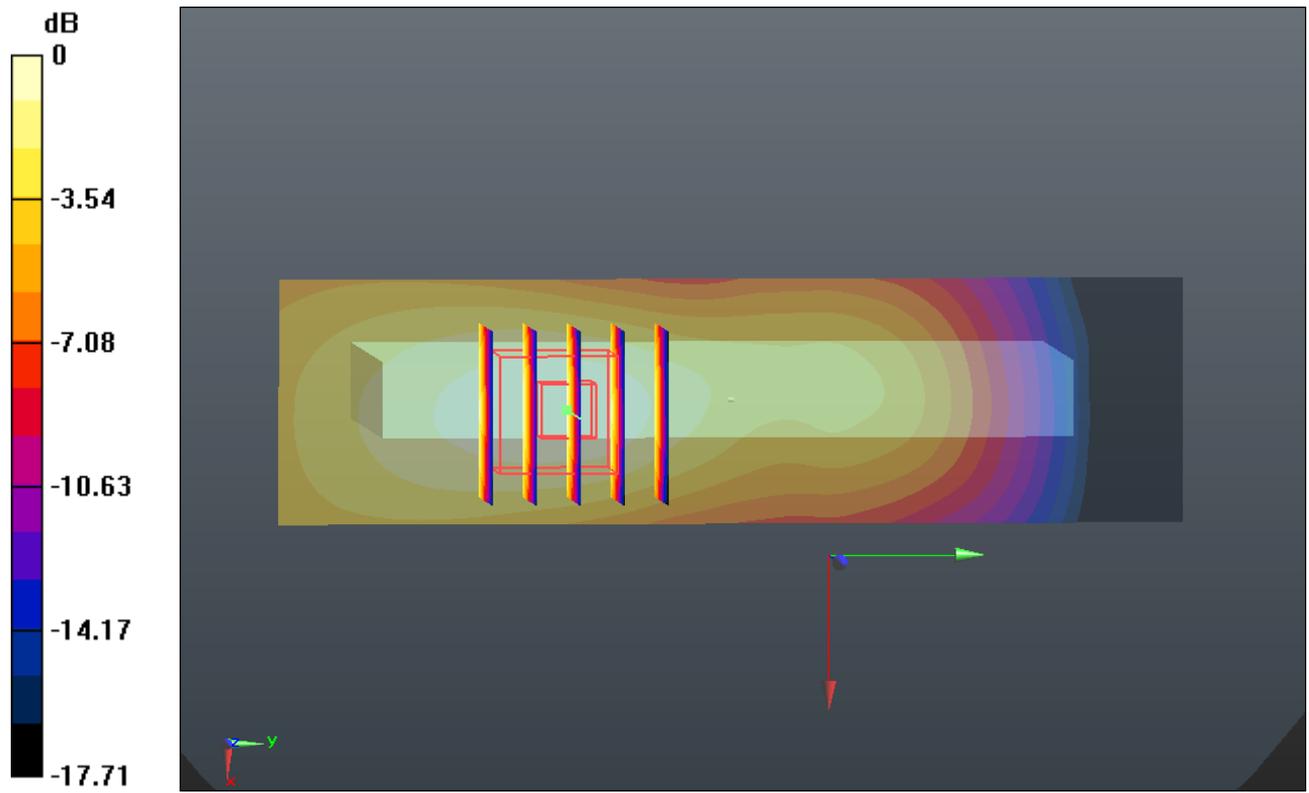
0 dB = 0.370mW/g

#62 CDMA2000 BC1_RTAP153.6_Bottom Side_1cm_Ch1175

DUT: 281701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1909 MHz; σ = 1.536 mho/m; ε_r =

53.957; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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
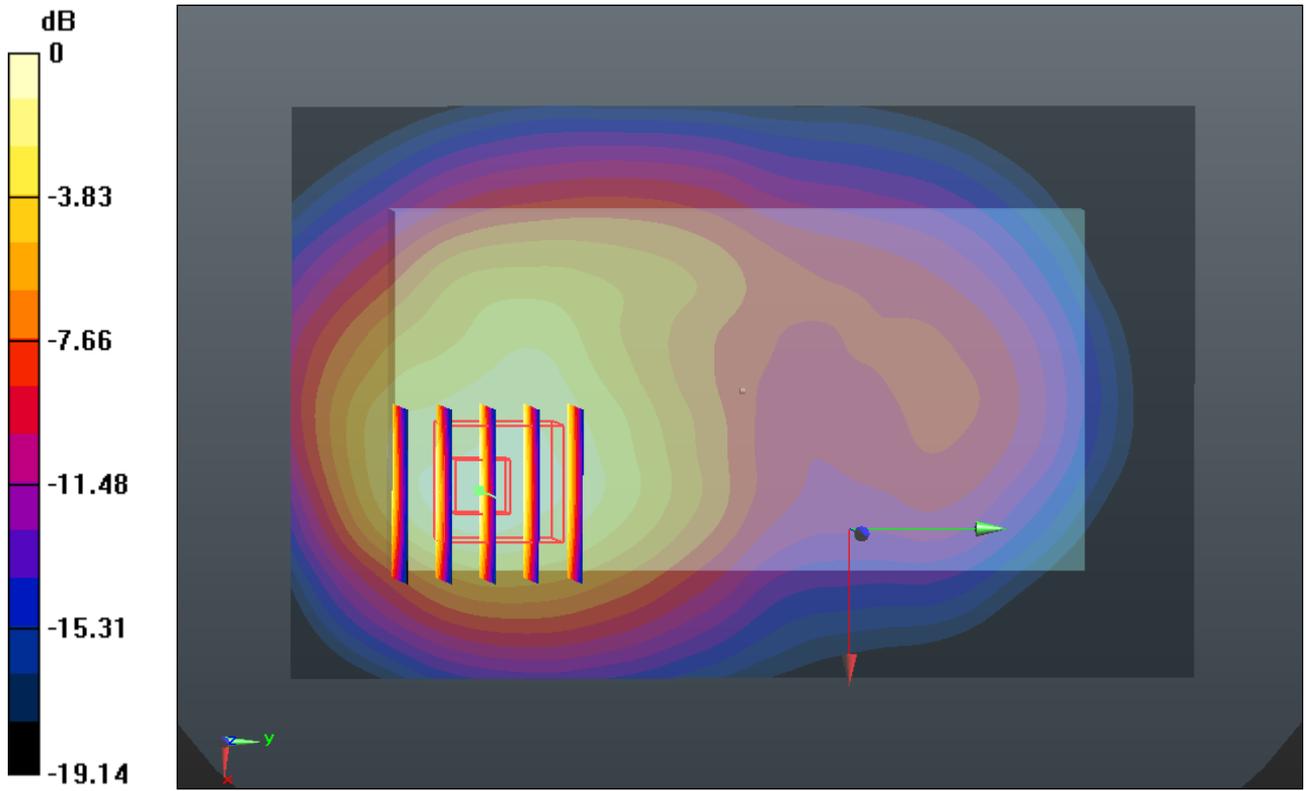Maximum value of SAR (interpolated) = 0.694 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.826 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.109 W/kg
SAR(1 g) = 0.640 mW/g; SAR(10 g) = 0.346 mW/g
Maximum value of SAR (measured) = 0.719 mW/g
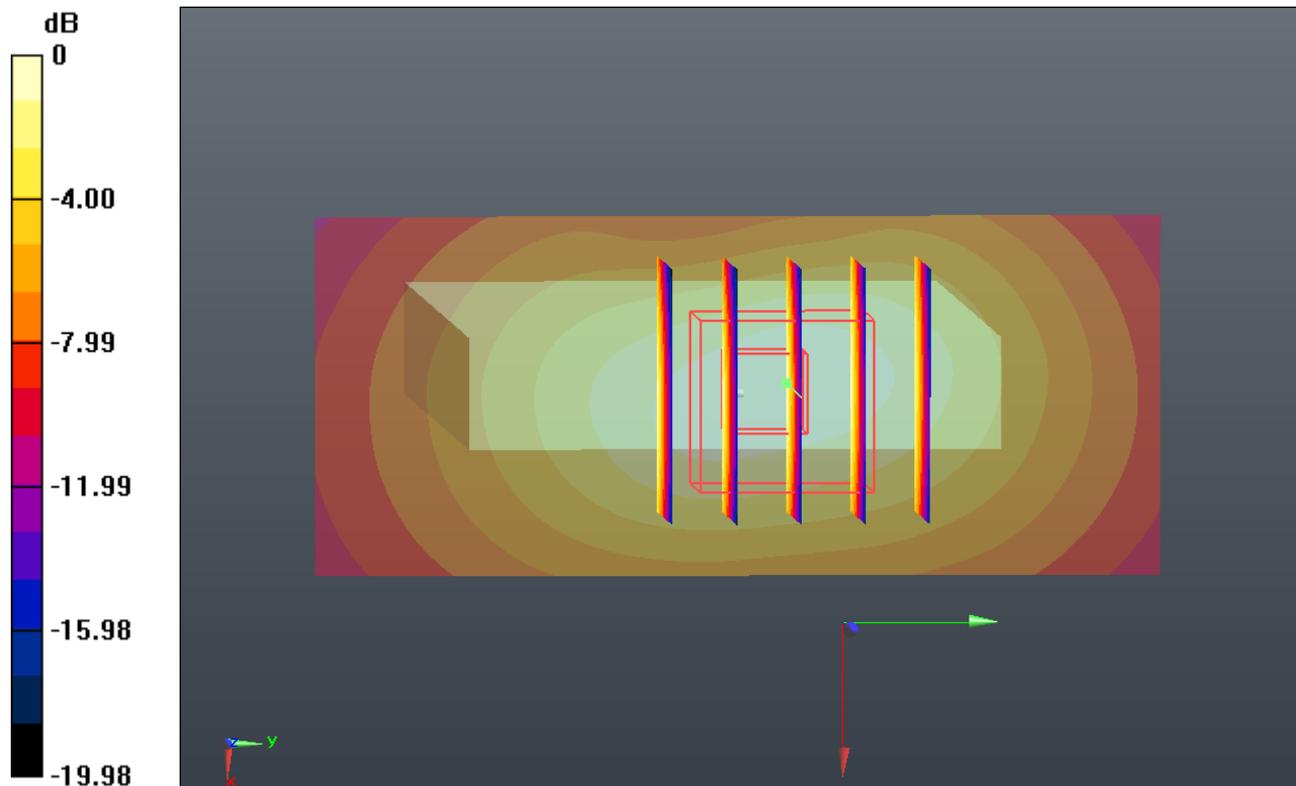
0 dB = 0.720mW/g

#69 CDMA2000 BC10_RTAP 153.6_Front_1cm_Ch580

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 820.5 MHz; σ = 0.961 mho/m; ε_r =

54.394; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.884 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.433 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.116 W/kg
SAR(1 g) = 0.847 mW/g; SAR(10 g) = 0.626 mW/g
Maximum value of SAR (measured) = 0.899 mW/g
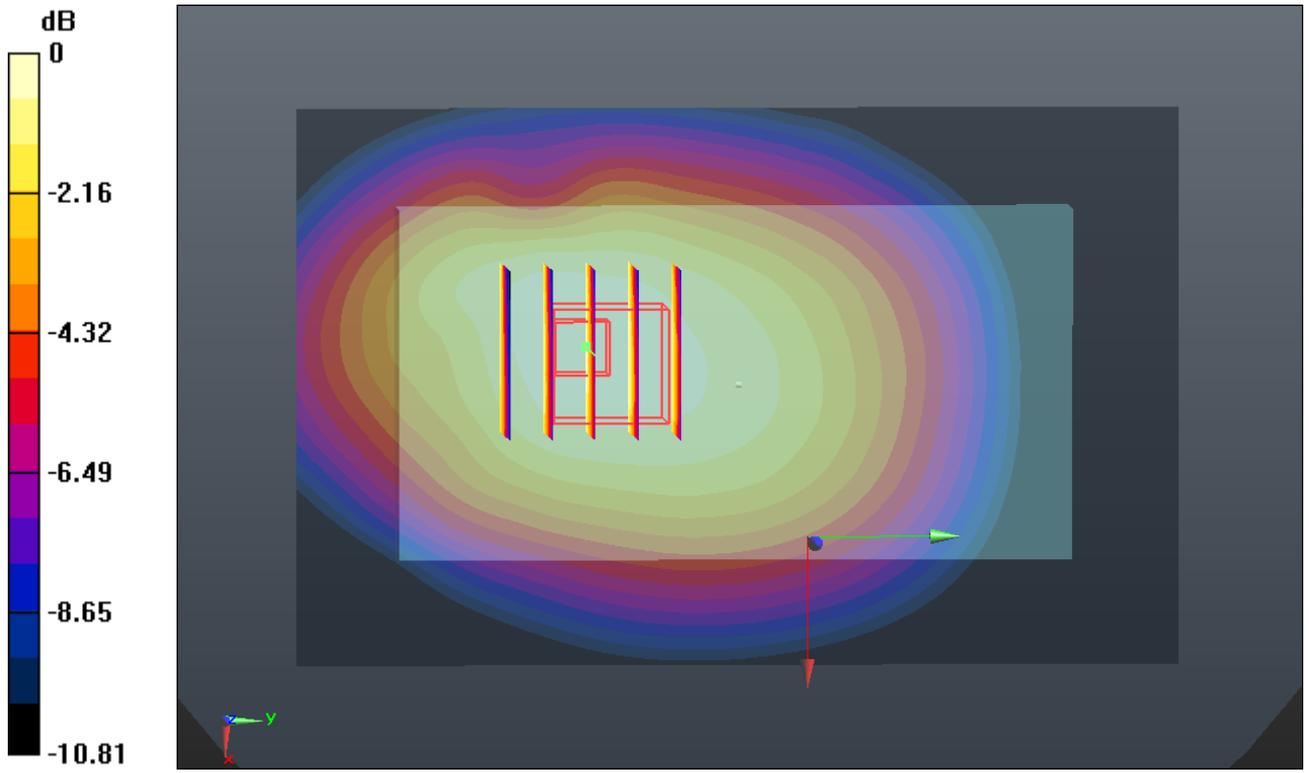
0 dB = 0.900mW/g

#124 CDMA2000 BC10_RTAP 153.6_Front_1cm_Ch476

DUT: 281701

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 817.9 MHz; σ = 0.958 mho/m; ε_r = 54.417; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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) = 0.709 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.908 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.924 W/kg
SAR(1 g) = 0.680 mW/g; SAR(10 g) = 0.499 mW/g
Maximum value of SAR (measured) = 0.718 mW/g
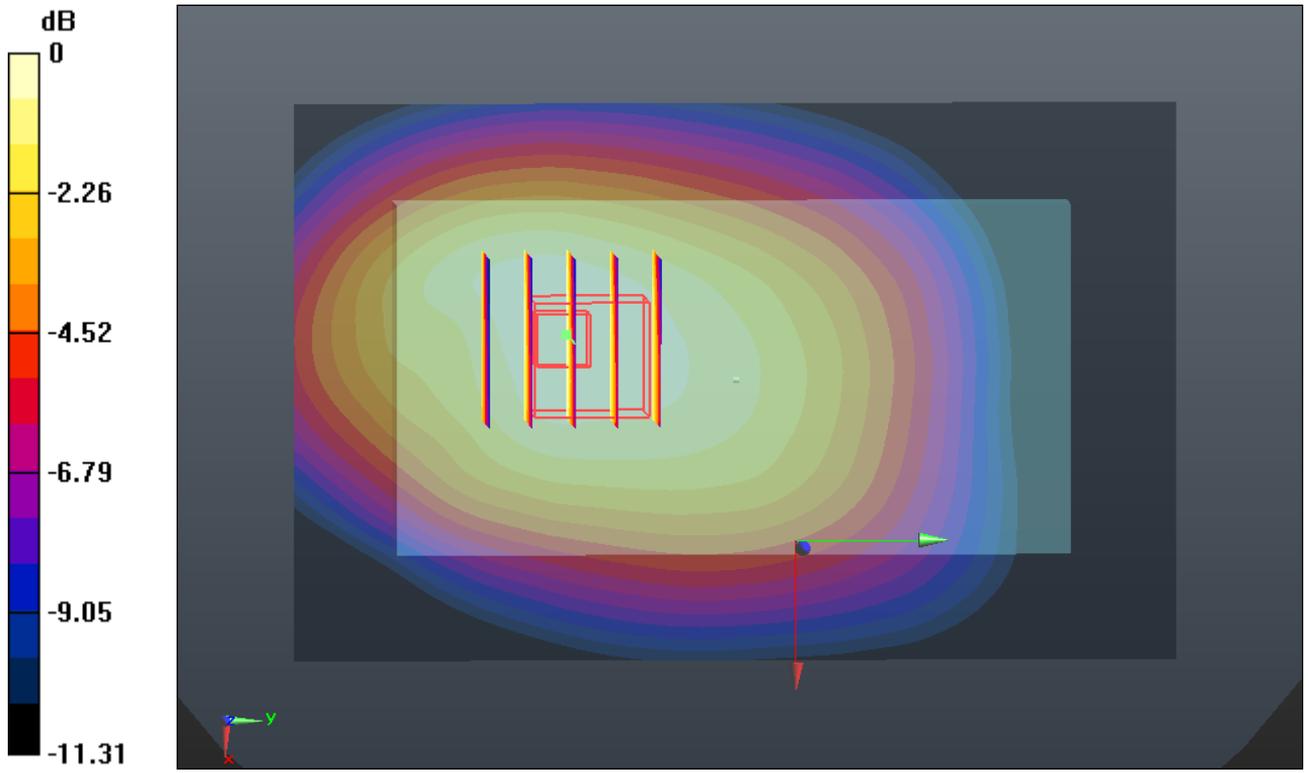
0 dB = 0.720mW/g

#125 CDMA2000 BC10_RTAP 153.6_Front_1cm_Ch684

DUT: 281701

Communication System: CDMA2000; Frequency: 823.1 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 823.1 MHz; σ = 0.963 mho/m; ε_r =

54.37; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch684/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.843 mW/g

Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.975 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.013 W/kg
SAR(1 g) = 0.806 mW/g; SAR(10 g) = 0.611 mW/g
Maximum value of SAR (measured) = 0.848 mW/g
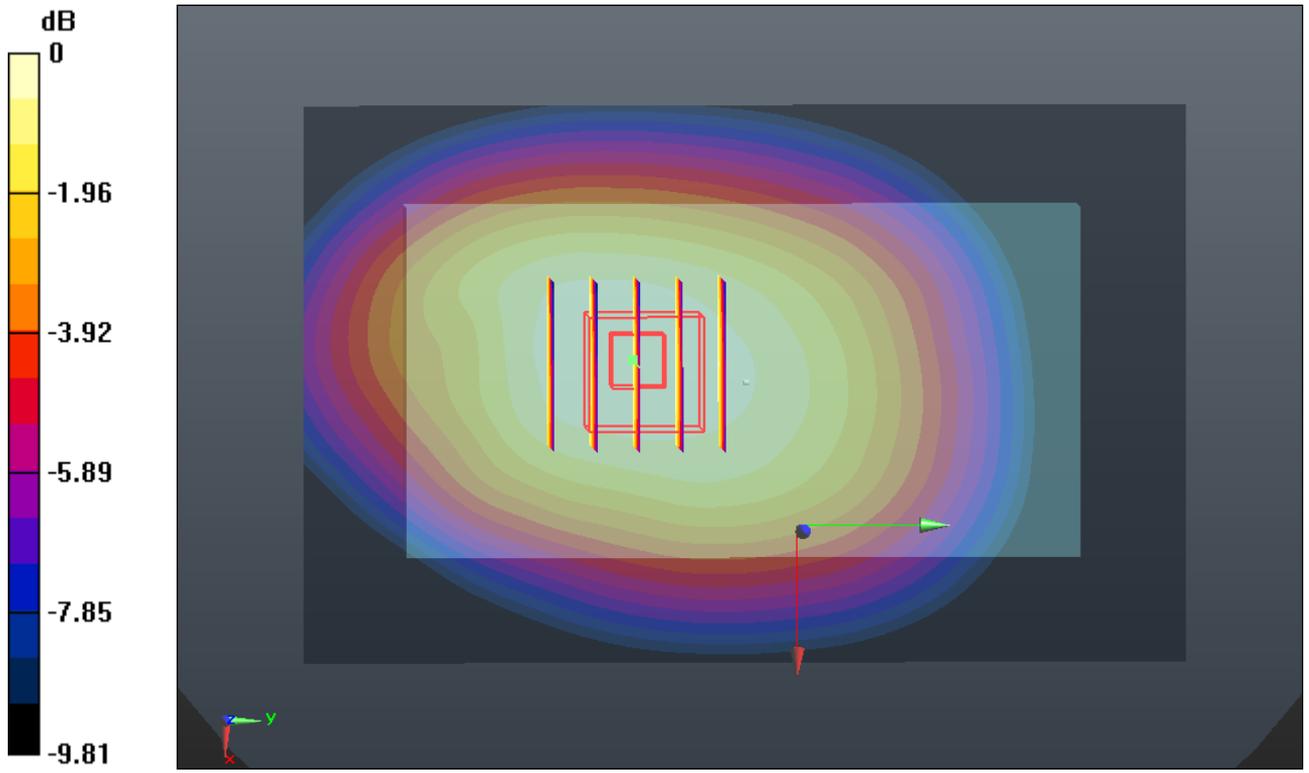
0 dB = 0.850mW/g

#70 CDMA2000 BC10_RTAP 153.6_Back_1cm_Ch580

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 820.5 MHz; σ = 0.961 mho/m; ε_r =

54.394; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.216 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.242 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.530 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.832 mW/g
Maximum value of SAR (measured) = 1.207 mW/g

0 dB = 1.210mW/g

#70 CDMA2000 BC10_RTAP 153.6_Back_1cm_Ch580_2D

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 820.5 MHz; σ = 0.961 mho/m; ε_r =

54.394; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.216 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.242 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.530 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.832 mW/g
Maximum value of SAR (measured) = 1.207 mW/g

1g/10g Averaged SAR
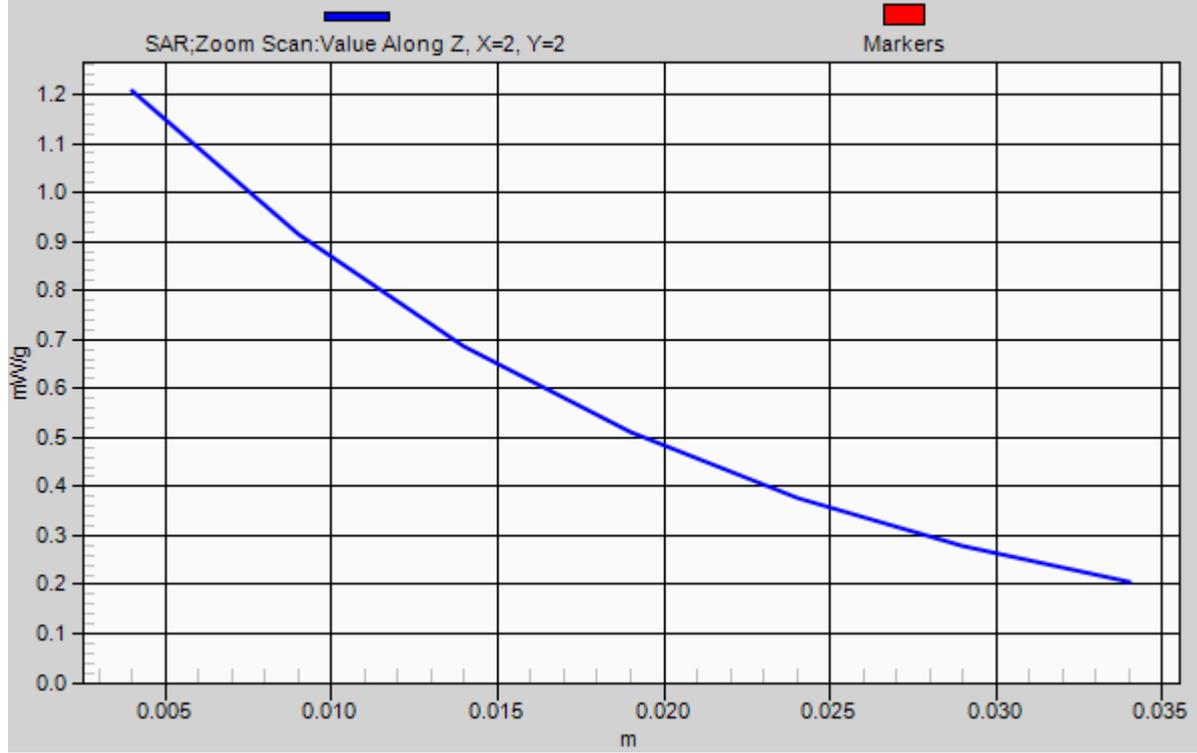
#118 CDMA2000 BC10_RTAP 153.6_Back_1cm_Ch476

DUT: 281701

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 817.9 MHz; σ = 0.958 mho/m; ε_r =

54.417; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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) = 0.953 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.261 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.087 W/kg
SAR(1 g) = 0.888 mW/g; SAR(10 g) = 0.634 mW/g
Maximum value of SAR (measured) = 0.966 mW/g
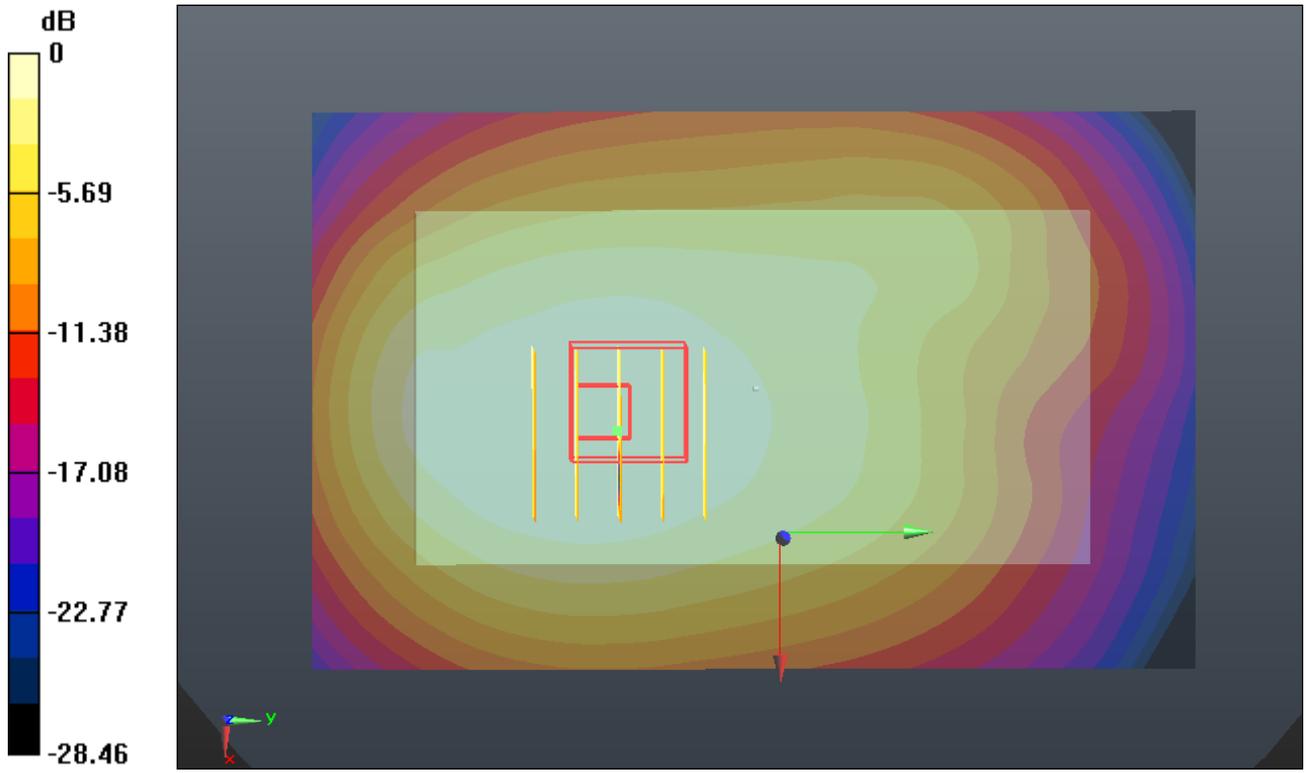
0 dB = 0.970mW/g

#119 CDMA2000 BC10_RTAP 153.6_Back_1cm_Ch684

DUT: 281701

Communication System: CDMA2000; Frequency: 823.1 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 823.1 MHz; σ = 0.963 mho/m; ε_r =

54.37; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch684/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.092 mW/g

Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.238 V/m; Power Drift = 0.0048 dB
Peak SAR (extrapolated) = 1.309 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.762 mW/g
Maximum value of SAR (measured) = 1.067 mW/g

0 dB = 1.070mW/g
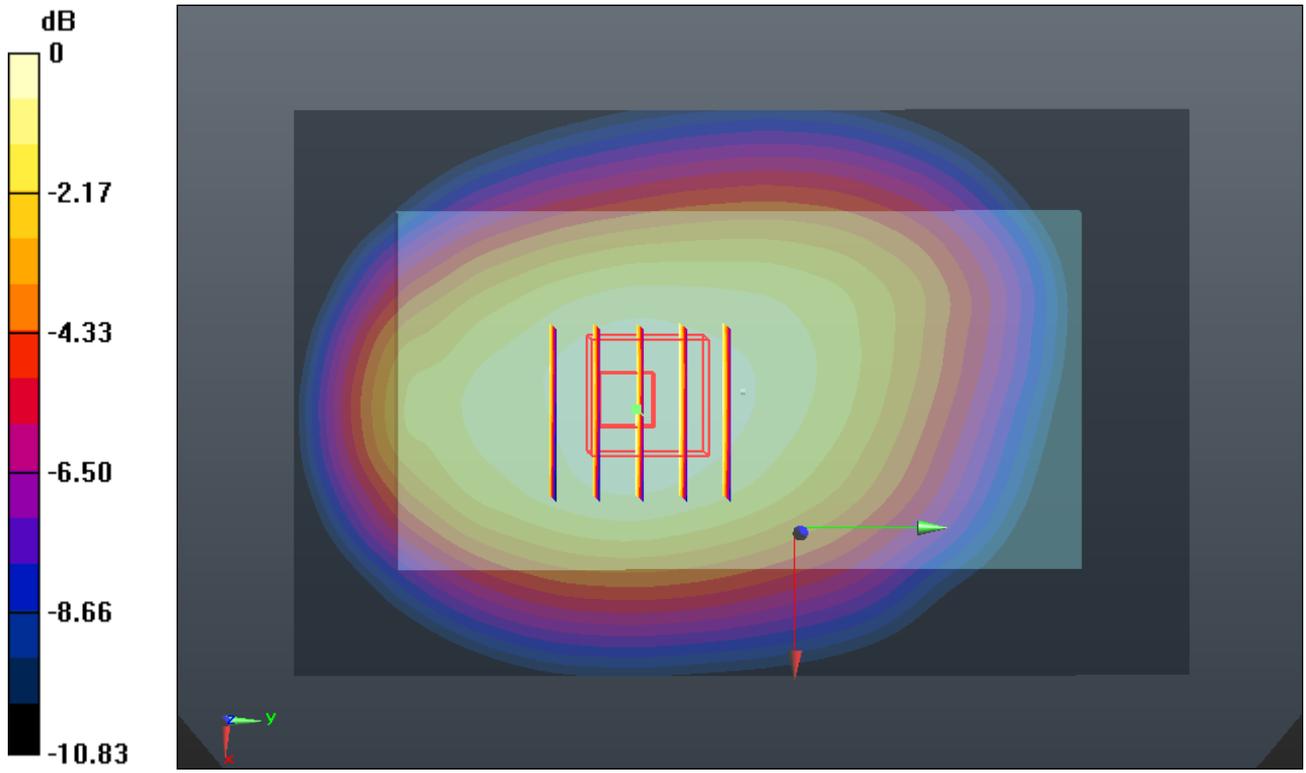
#71 CDMA2000 BC10_RTAP153.6_Left Side_1cm_Ch580

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 820.5 MHz; σ = 0.961 mho/m; ε_r =

54.394; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch580/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
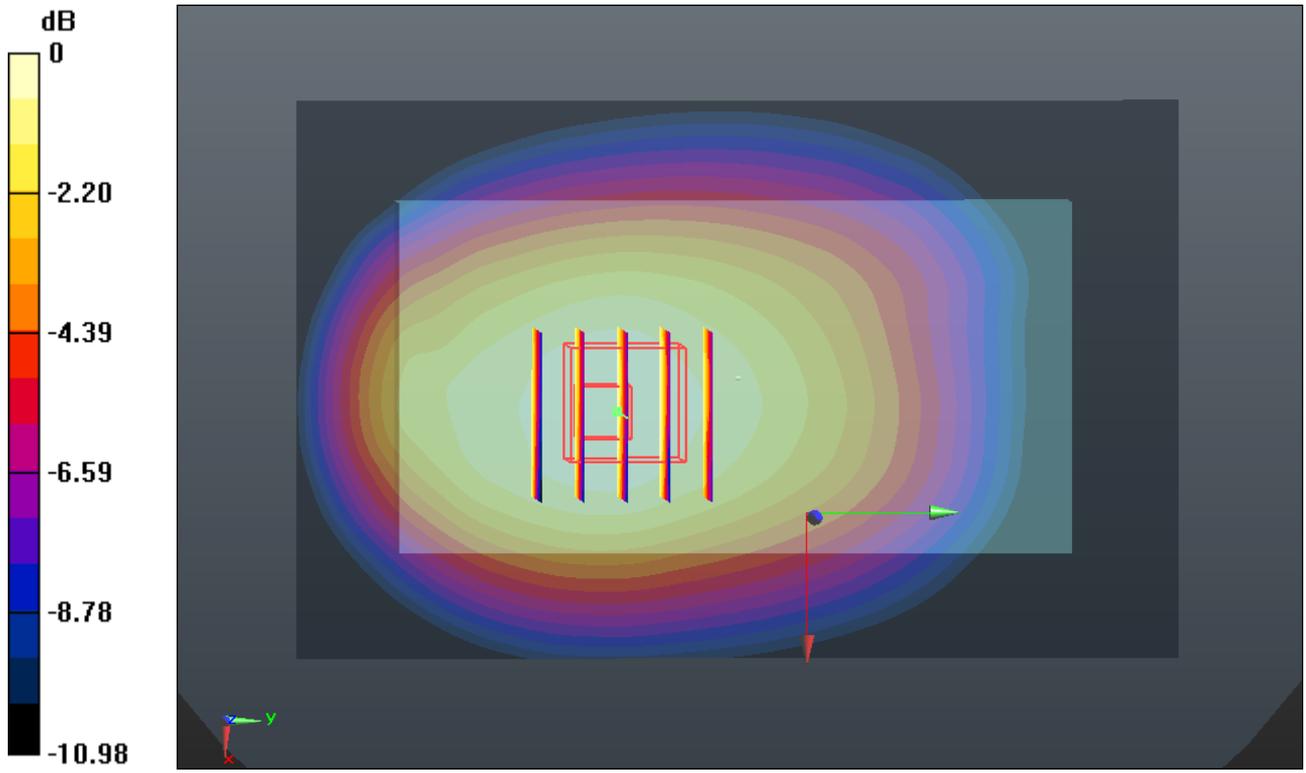Maximum value of SAR (interpolated) = 0.766 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.709 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.993 W/kg
SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.499 mW/g
Maximum value of SAR (measured) = 0.765 mW/g
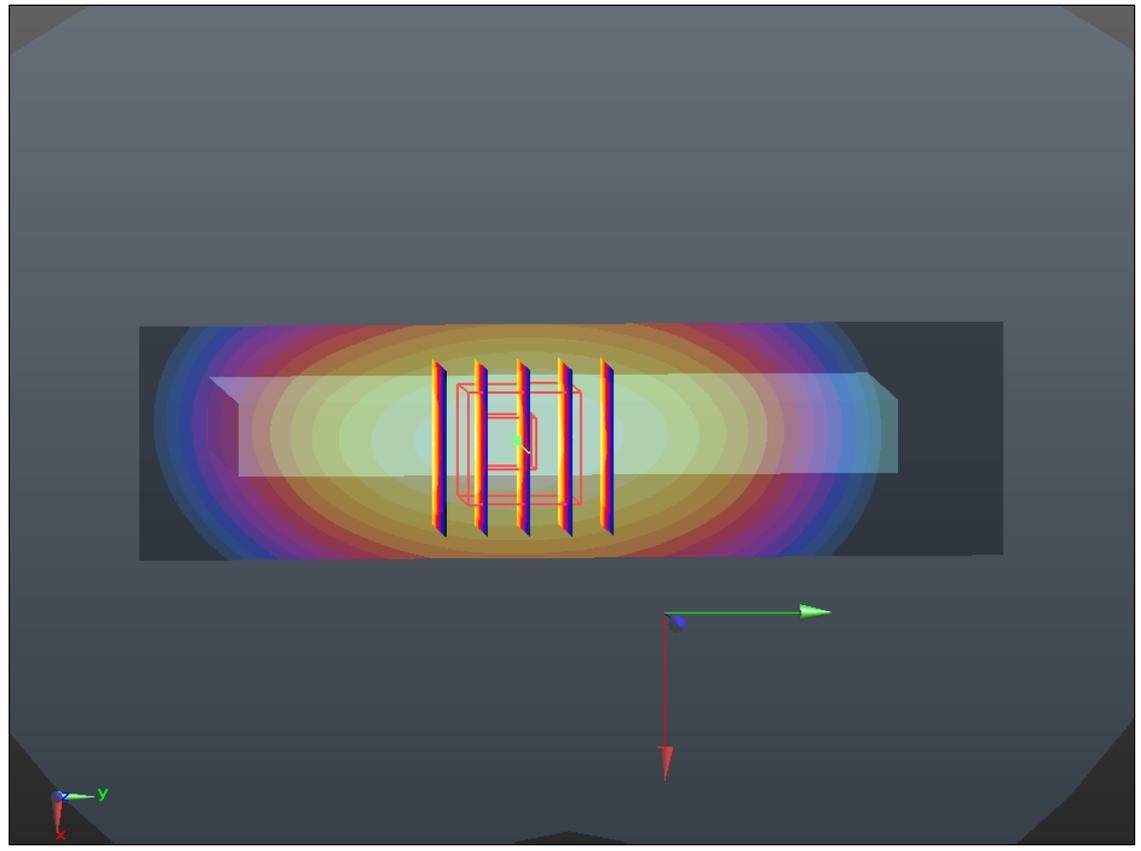
0 dB = 0.760mW/g

#72 CDMA2000 BC10_RTAP153.6_Right Side_1cm_Ch580

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 820.5 MHz; σ = 0.961 mho/m; ε_r =

54.394; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch580/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.737 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.310 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.949 W/kg
SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.497 mW/g
Maximum value of SAR (measured) = 0.747 mW/g

0 dB = 0.750mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012-9-2

#73 CDMA2000 BC10_RTAP153.6_Bottom Side_1cm_Ch580

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 820.5 MHz; σ = 0.961 mho/m; ε_r =

54.394; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch580/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.157 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.443 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.240 W/kg
SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.160 mW/g
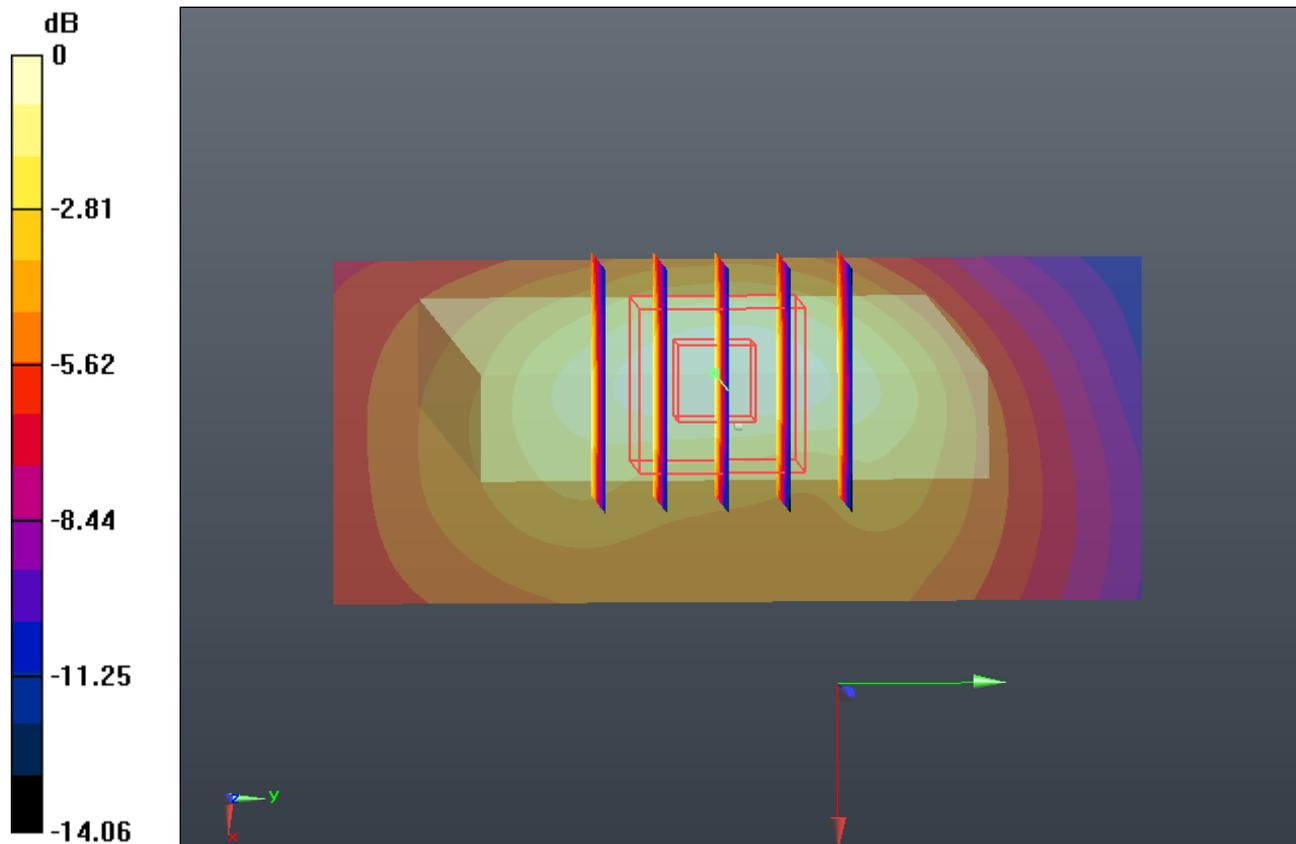
0 dB = 0.160mW/g

#74 LTE Band 25_QPSK(25 13)_10M_Front_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r = 54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 0.336 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.843 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.538 W/kg
SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.341 mW/g

0 dB = 0.340mW/g

#82 LTE Band 25_QPSK(1 0)_10M_Front_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =

54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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
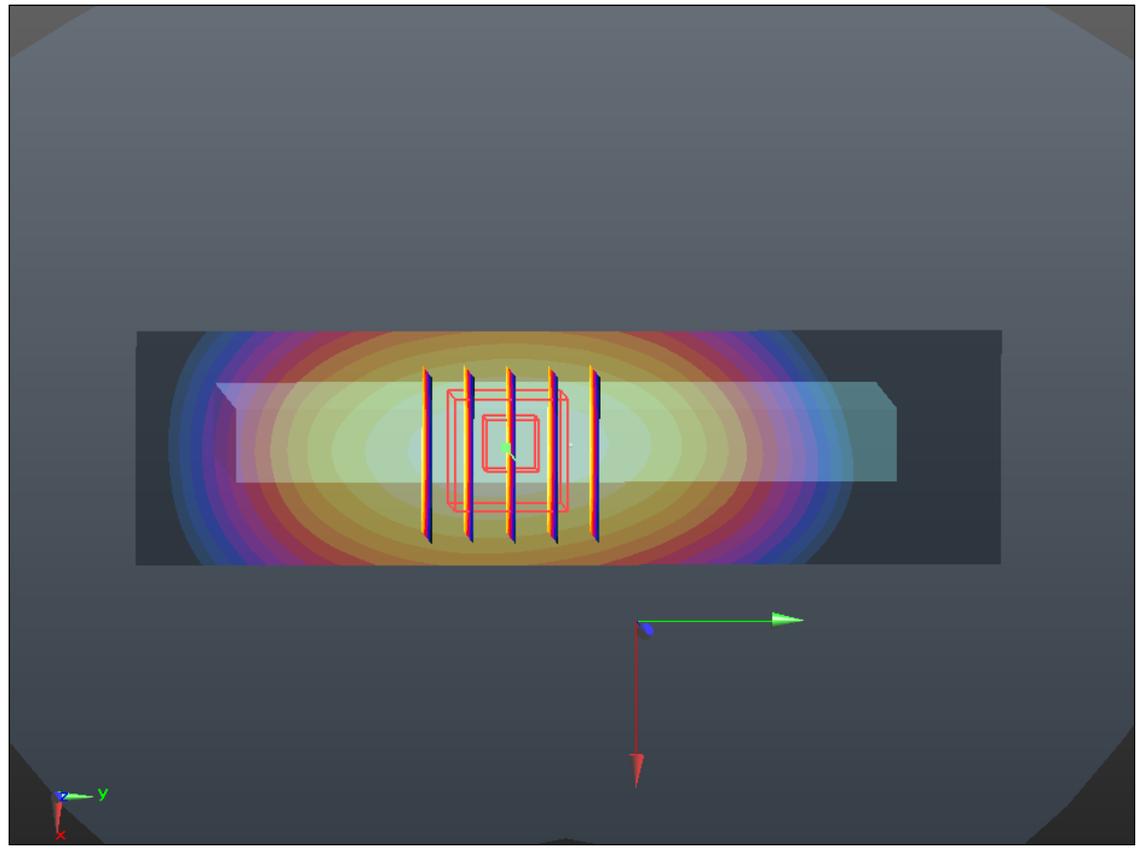Maximum value of SAR (interpolated) = 0.503 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.658 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.757 W/kg
SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.251 mW/g
Maximum value of SAR (measured) = 0.488 mW/g

0 dB = 0.490mW/g

#82 LTE Band 25_QPSK(1 0)_10M_Front_1cm_Ch26365_2D

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r = 54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 0.503 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.658 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.757 W/kg
SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.251 mW/g
Maximum value of SAR (measured) = 0.488 mW/g

1g/10g Averaged SAR

#165 LTE Band 25_QPSK(1 0)_10M_Front_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.51 mho/m; ε_r =

54.008; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.140 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.150 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.214 W/kg
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.137 mW/g
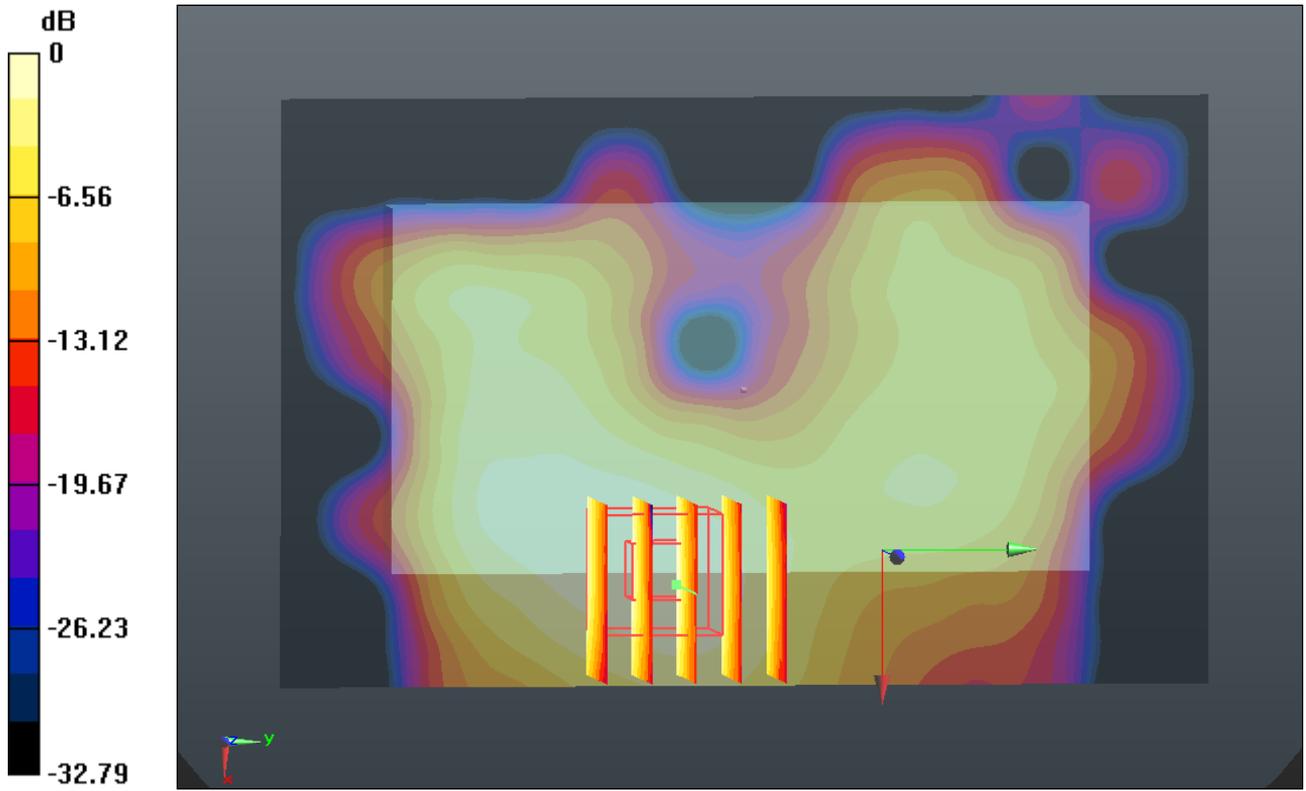
0 dB = 0.140mW/g

#86 LTE Band 25_QPSK(1 49)_10M_Front_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =

54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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
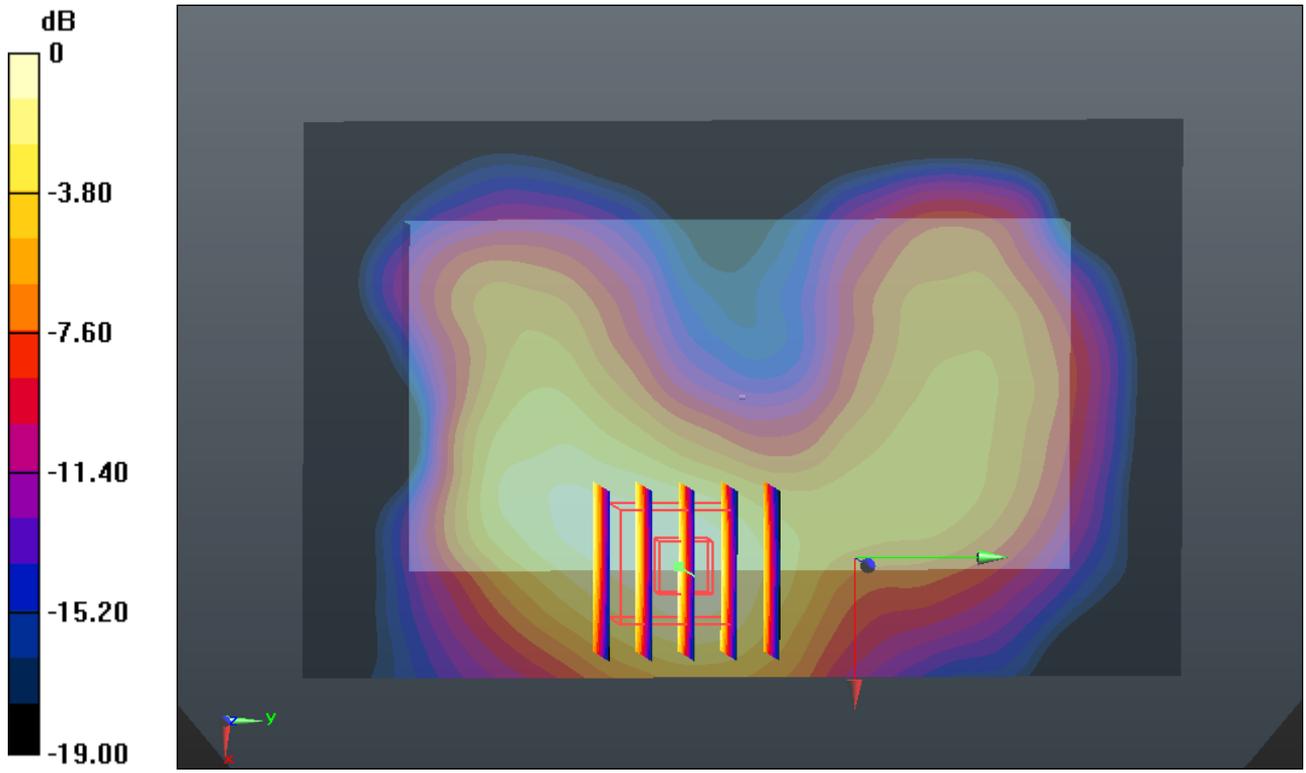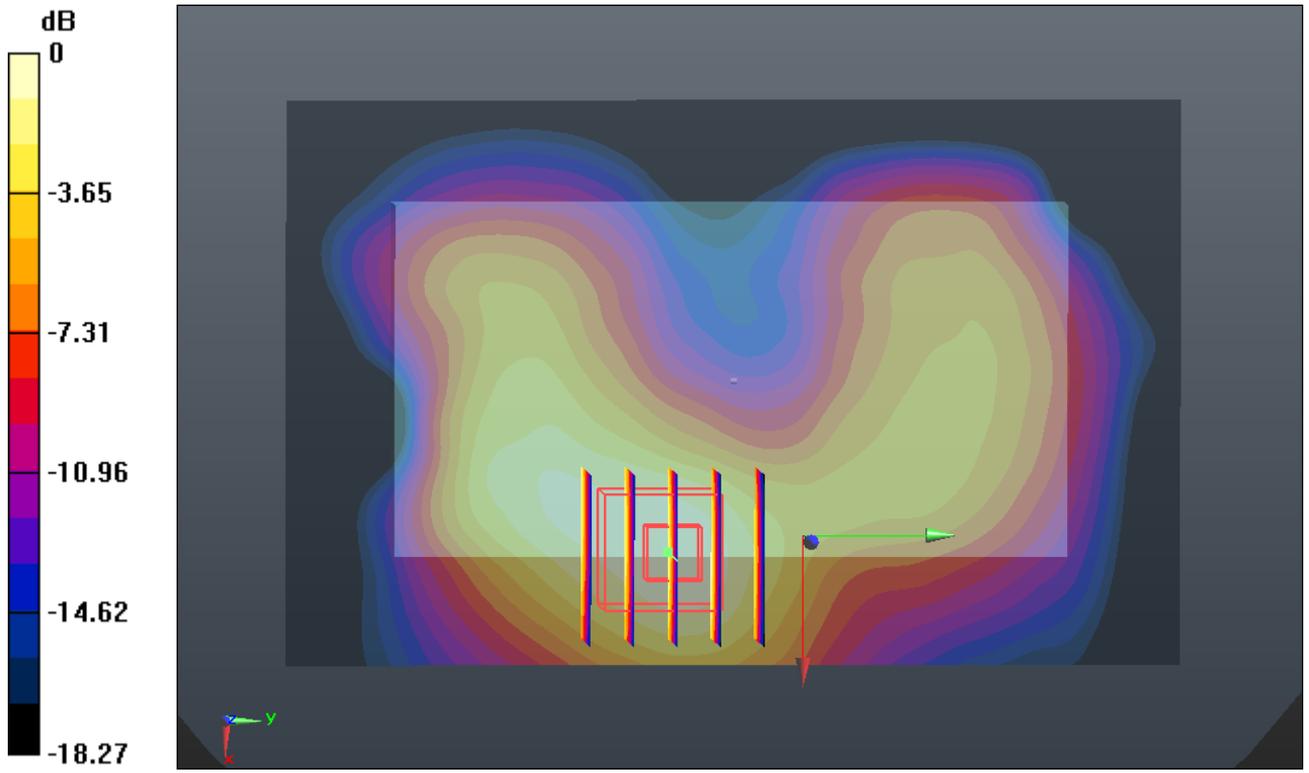Maximum value of SAR (interpolated) = 0.408 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.694 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.644 W/kg
SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.207 mW/g
Maximum value of SAR (measured) = 0.407 mW/g
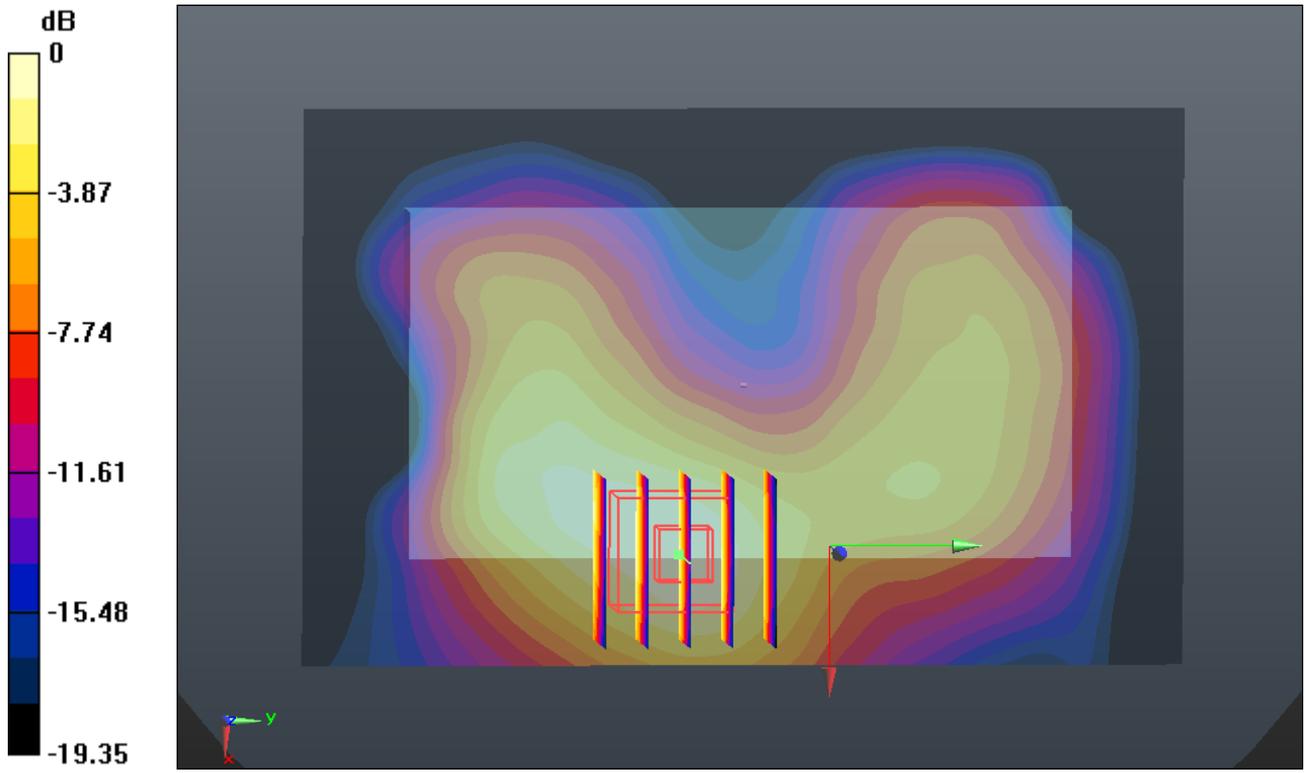
0 dB = 0.410mW/g

#90 LTE Band 25_16QAM(25 13)_10M_Front_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =

54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 0.265 mW/g

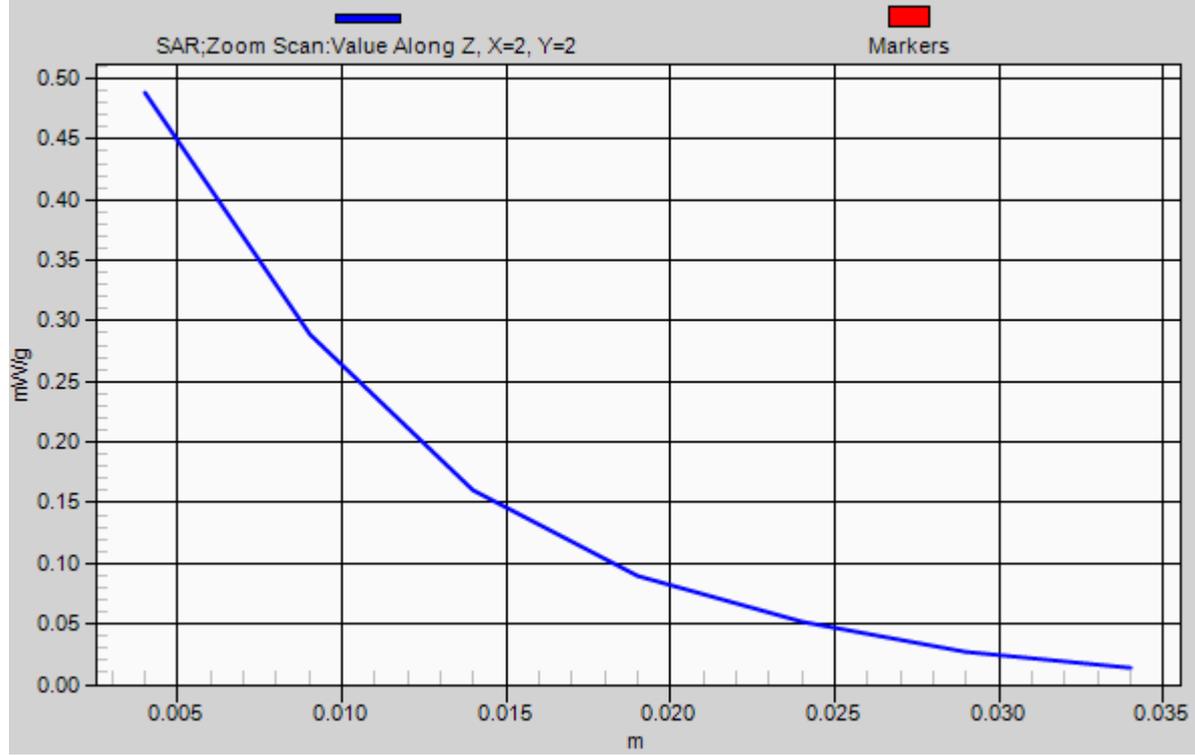**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.467 V/m; Power Drift = 0.007 dB
Peak SAR (extrapolated) = 0.435 W/kg
SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.132 mW/g
Maximum value of SAR (measured) = 0.268 mW/g
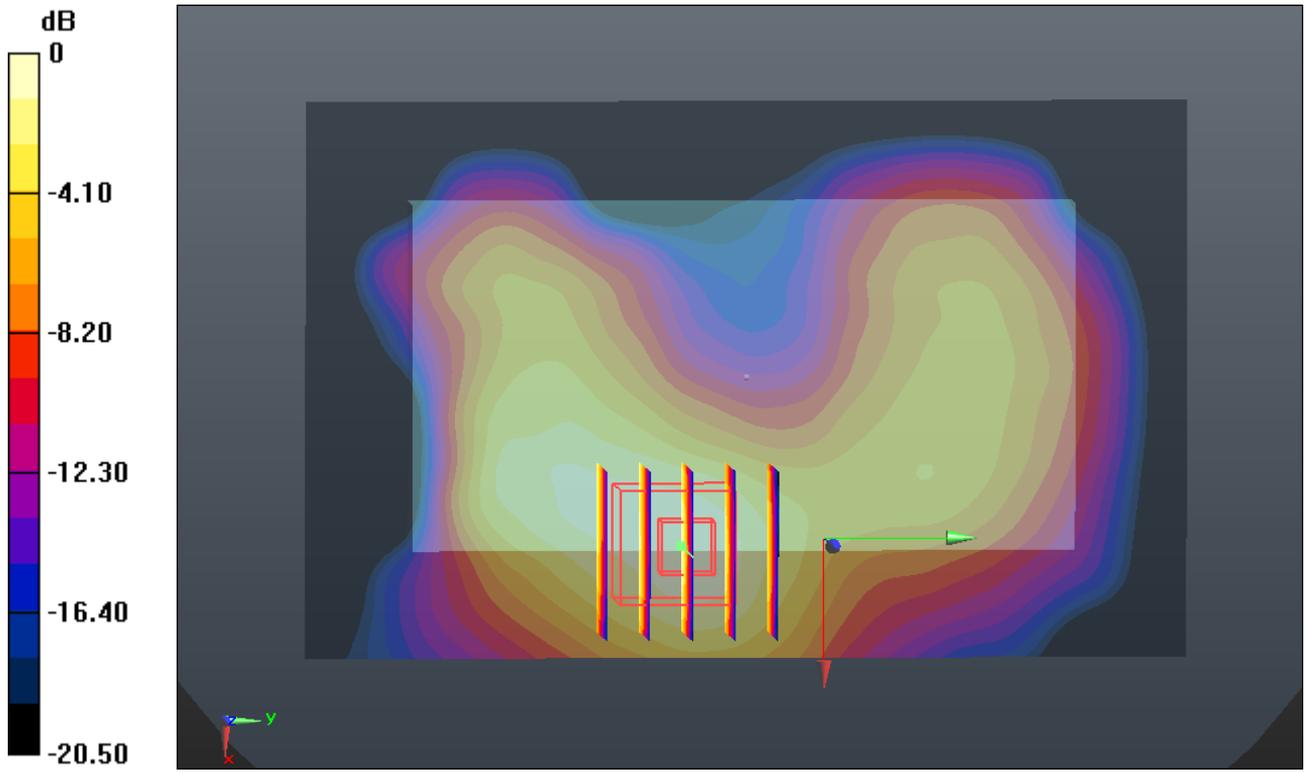
0 dB = 0.270mW/g

#94 LTE Band 25_16QAM(1 0)_10M_Front_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =
54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 0.398 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.787 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.623 W/kg
SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.201 mW/g
Maximum value of SAR (measured) = 0.398 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.787 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.589 W/kg
SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.184 mW/g
Maximum value of SAR (measured) = 0.385 mW/g
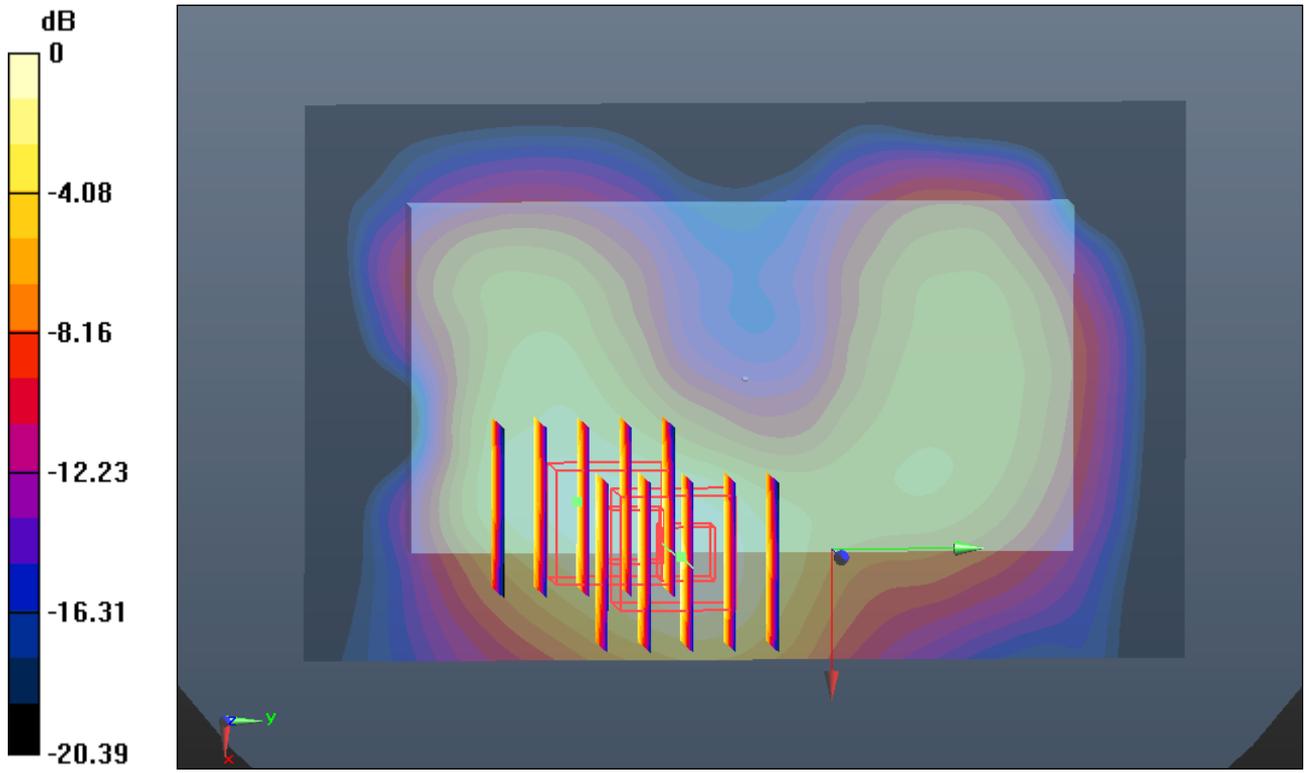
0 dB = 0.380mW/g

#98 LTE Band 25_16QAM(1 49)_10M_Front_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =

54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 0.322 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.734 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.508 W/kg
SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.163 mW/g
Maximum value of SAR (measured) = 0.321 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.734 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.475 W/kg
SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.153 mW/g
Maximum value of SAR (measured) = 0.315 mW/g
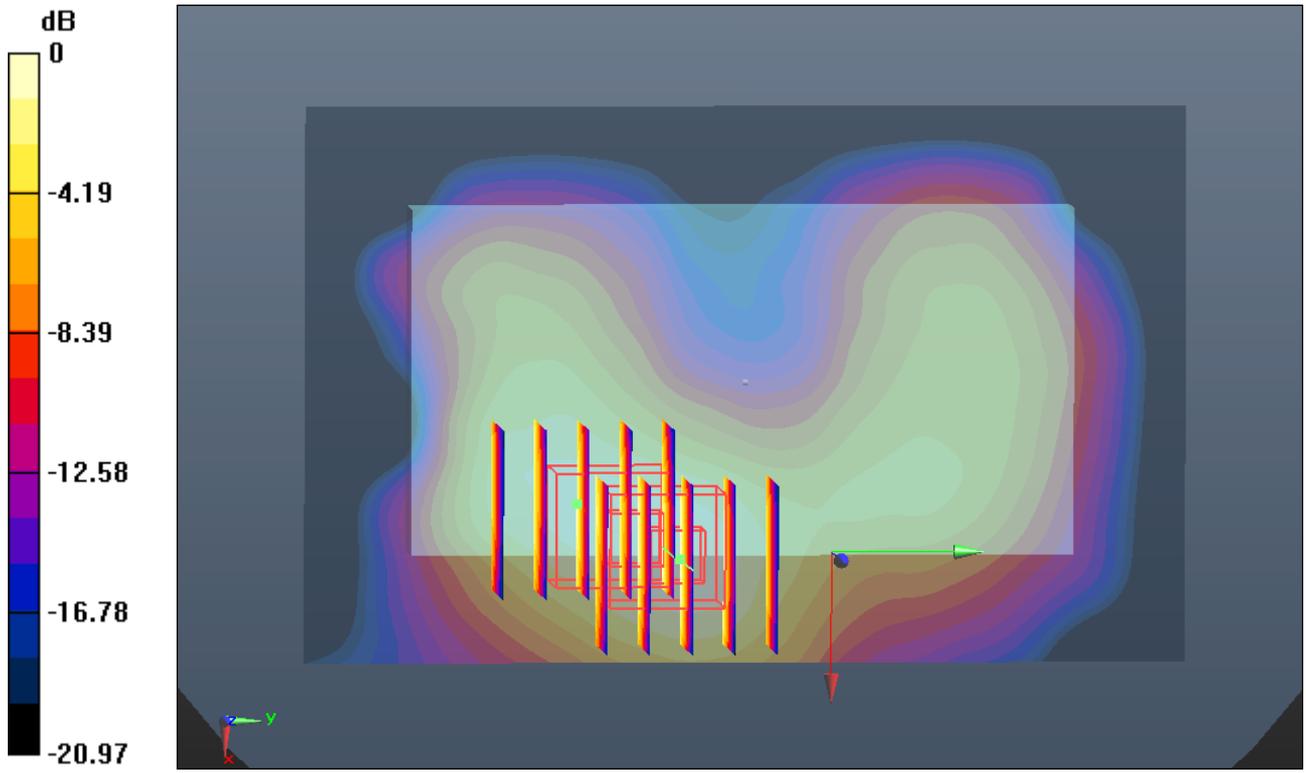
0 dB = 0.320mW/g

#75 LTE Band 25_QPSK(25 13)_10M_Back_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =

54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 0.963 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.900 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.564 W/kg
SAR(1 g) = 0.860 mW/g; SAR(10 g) = 0.460 mW/g
Maximum value of SAR (measured) = 0.954 mW/g
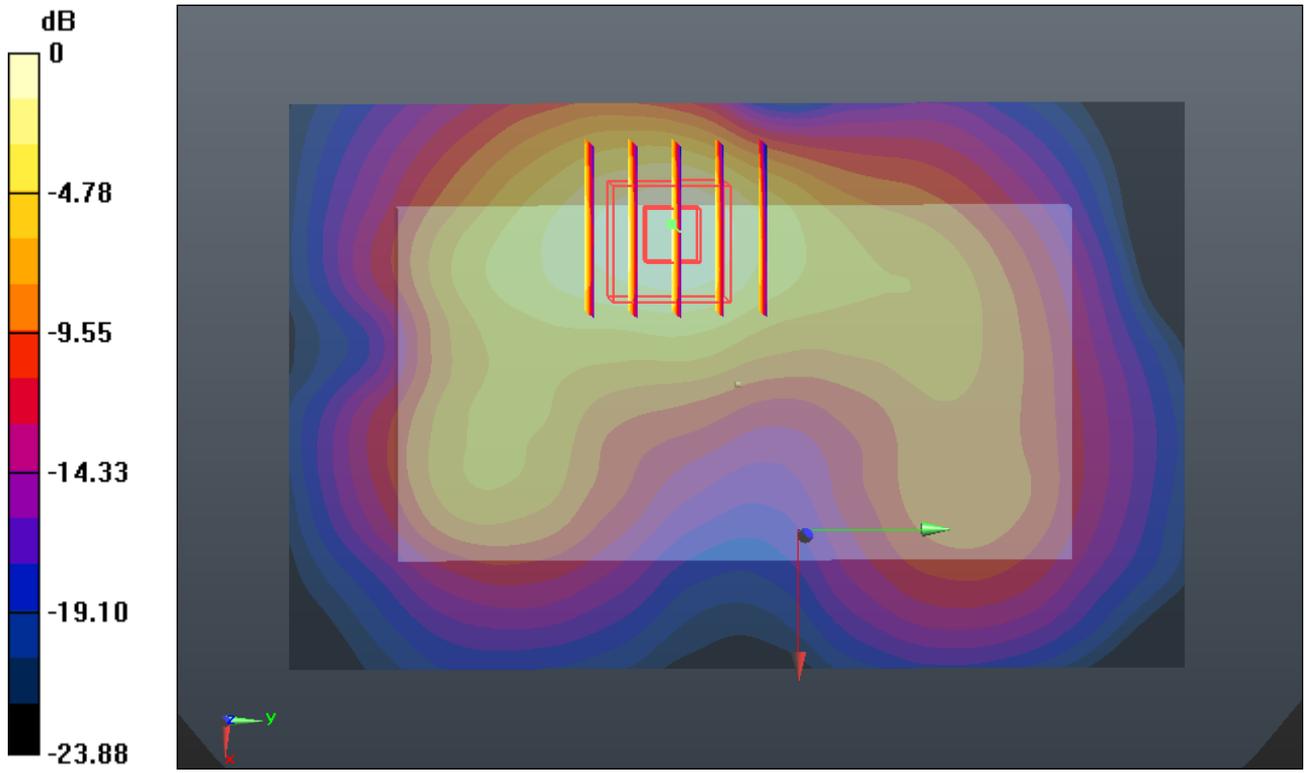
0 dB = 0.950mW/g

#106 LTE Band 25_QPSK(25 13)_10M_Back_1cm_Ch26090

DUT: 281701

Communication System: LTE; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1855 MHz; σ = 1.473 mho/m; ε_r =

54.957; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 0.853 mW/g

Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.071 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.330 W/kg
SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.390 mW/g
Maximum value of SAR (measured) = 0.823 mW/g
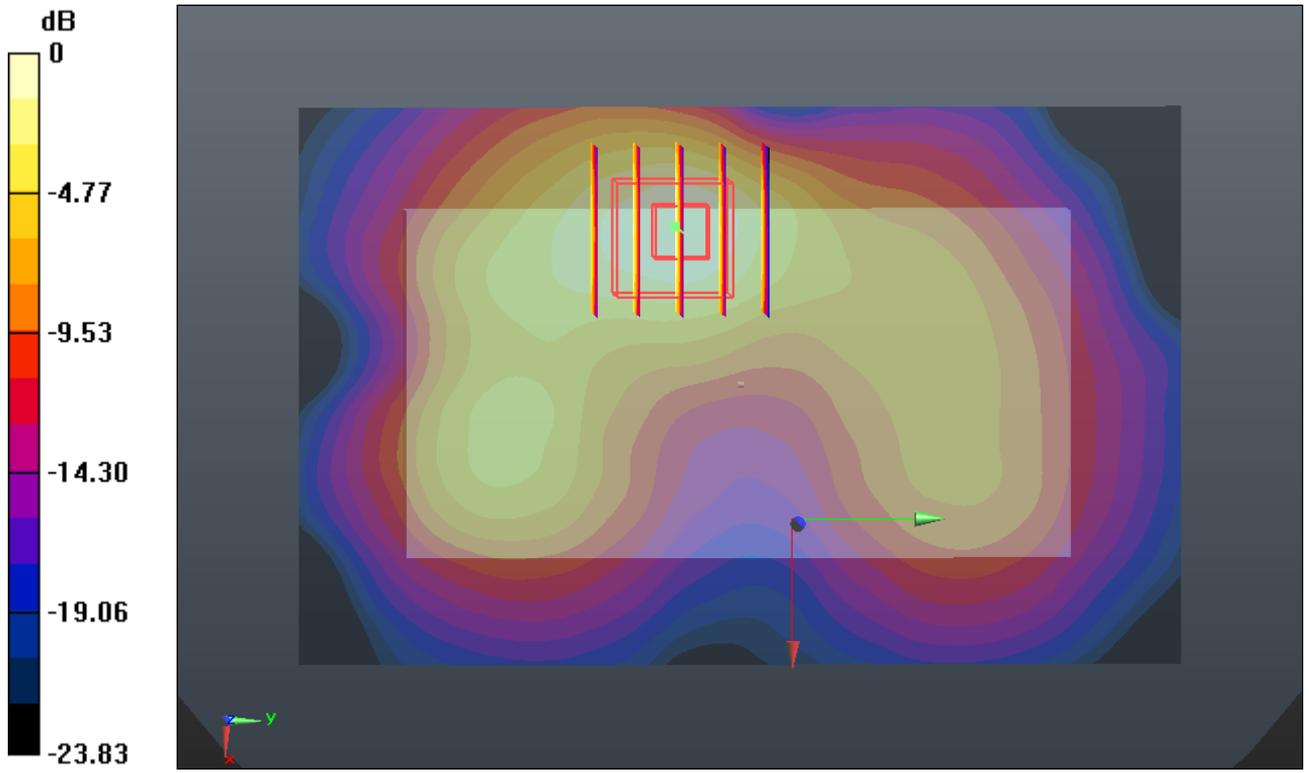
0 dB = 0.820mW/g

#107 LTE Band 25_QPSK(25 13)_10M_Back_1cm_Ch26640

DUT: 281701

Communication System: LTE; Frequency: 1910 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1910 MHz; σ = 1.536 mho/m; ε_r =

54.849; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 0.858 mW/g

Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.590 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.387 W/kg
SAR(1 g) = 0.779 mW/g; SAR(10 g) = 0.425 mW/g
Maximum value of SAR (measured) = 0.857 mW/g
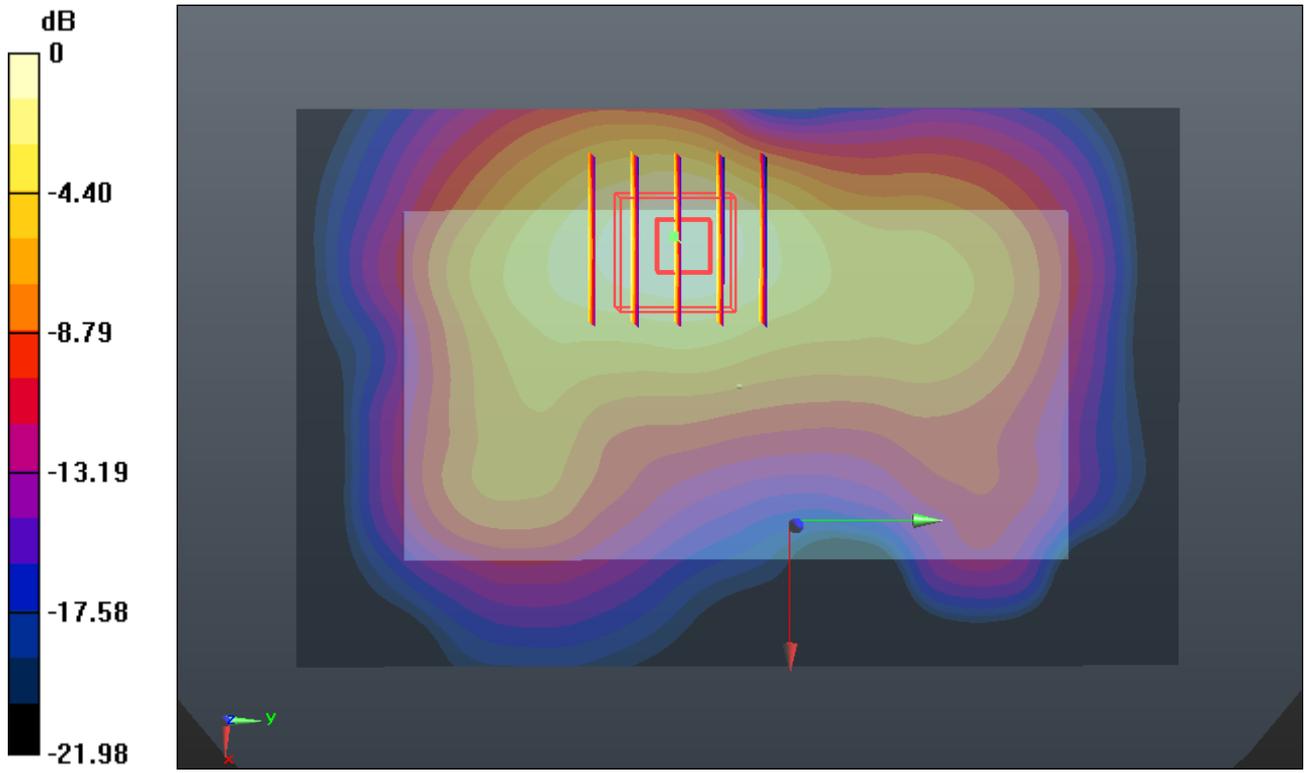
0 dB = 0.860mW/g

#83 LTE Band 25_QPSK(1 0)_10M_Back_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =

54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 1.357 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.941 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.121 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.641 mW/g
Maximum value of SAR (measured) = 1.322 mW/g

0 dB = 1.320mW/g

#83 LTE Band 25_QPSK(1 0)_10M_Back_1cm_Ch26365_2D

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r = 54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 1.357 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.941 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.121 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.641 mW/g
Maximum value of SAR (measured) = 1.322 mW/g

1g/10g Averaged SAR

#166 LTE Band 25_QPSK(1 0)_10M_Back_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.51 mho/m; ε_r =

54.008; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.346 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.353 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.611 W/kg
SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.174 mW/g
Maximum value of SAR (measured) = 0.368 mW/g
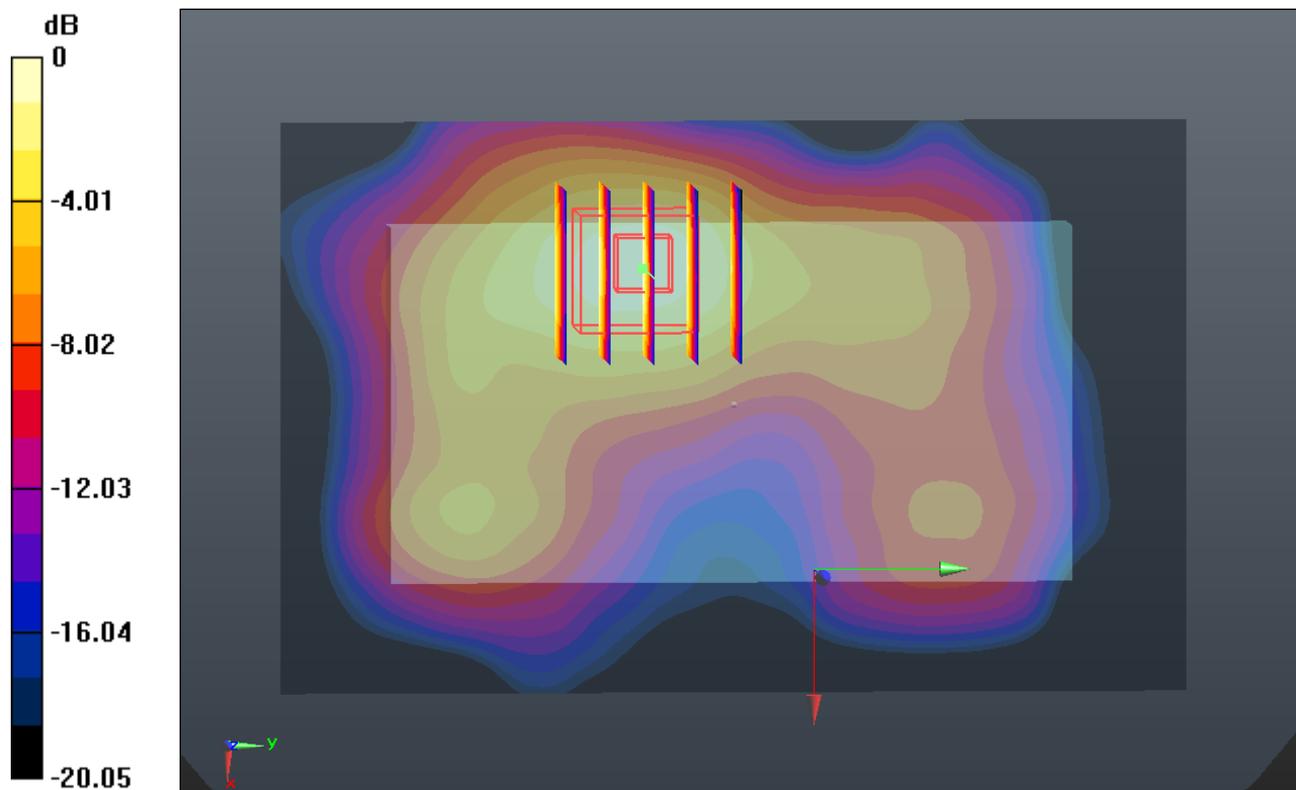
0 dB = 0.370mW/g

#87 LTE Band 25_QPSK(1 49)_10M_Back_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =

54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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
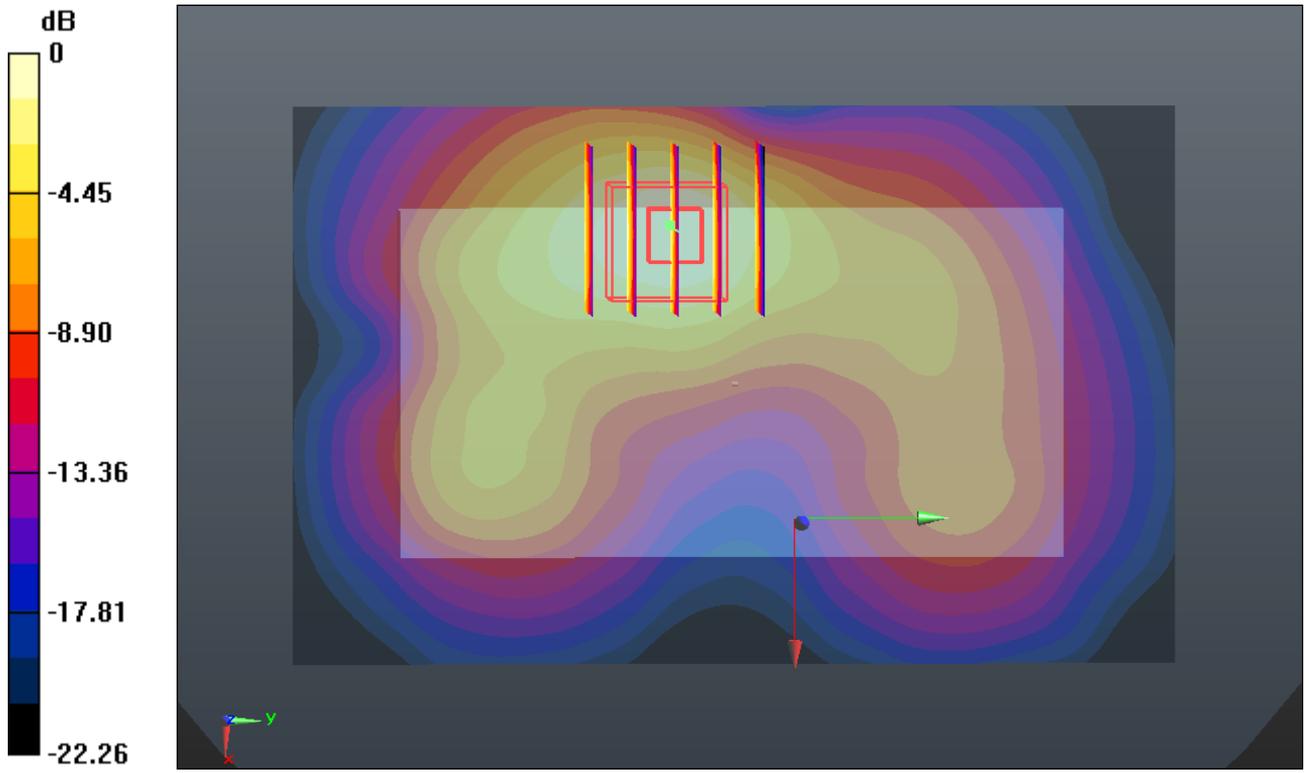Maximum value of SAR (interpolated) = 1.154 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.198 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.847 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.558 mW/g
Maximum value of SAR (measured) = 1.149 mW/g
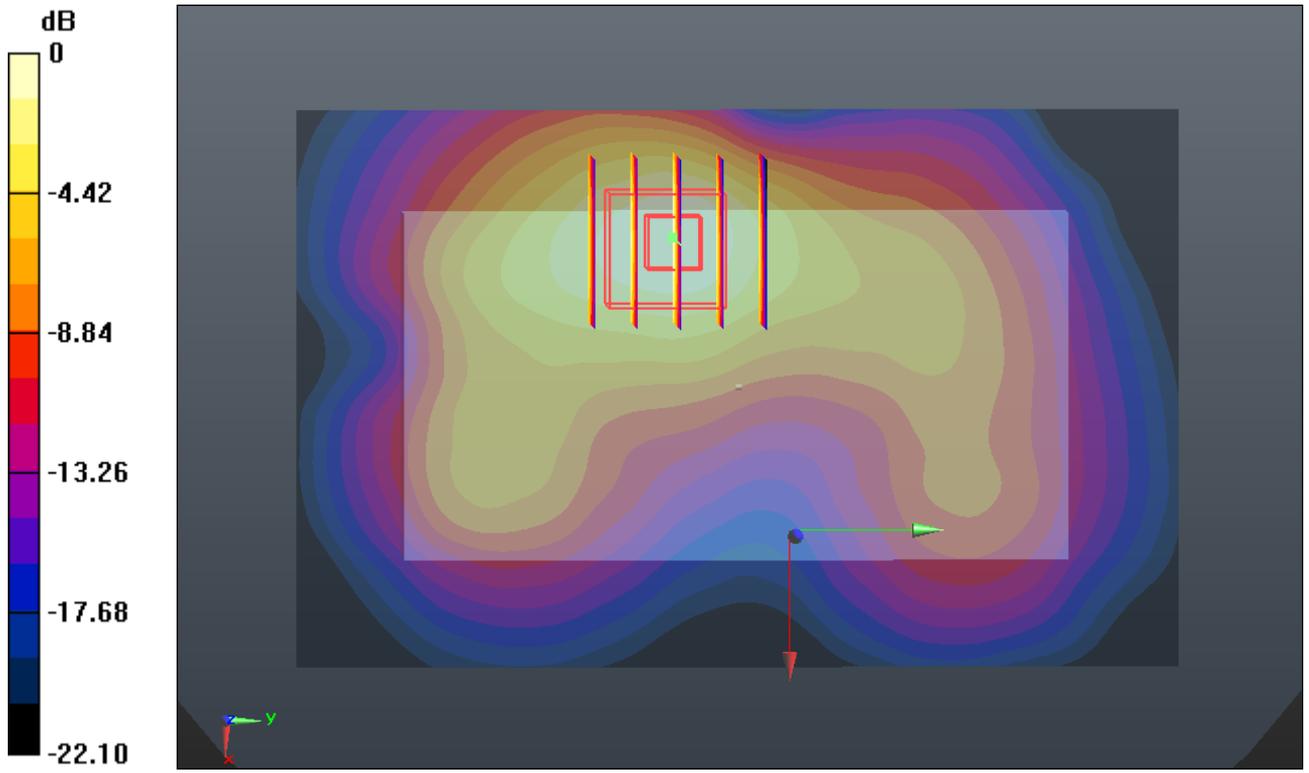
0 dB = 1.150mW/g

#91 LTE Band 25_16QAM(25 13)_10M_Back_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =

54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 0.703 mW/g

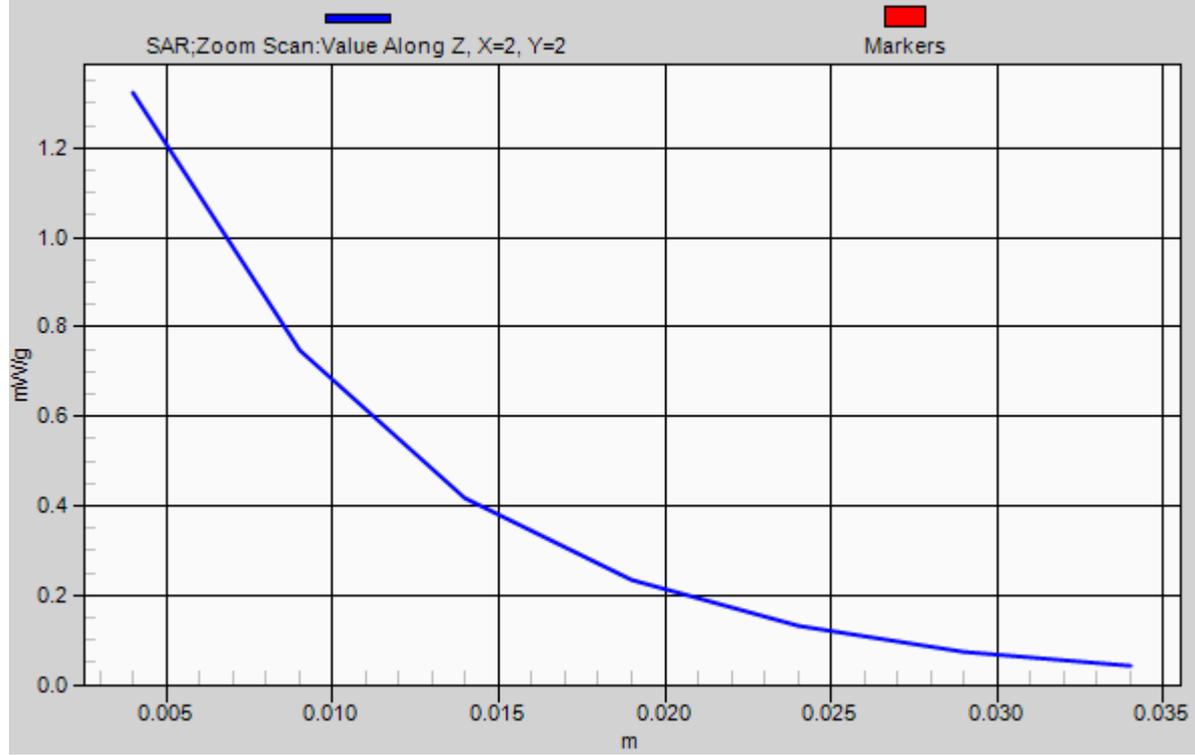**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.592 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.158 W/kg
SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.332 mW/g
Maximum value of SAR (measured) = 0.697 mW/g
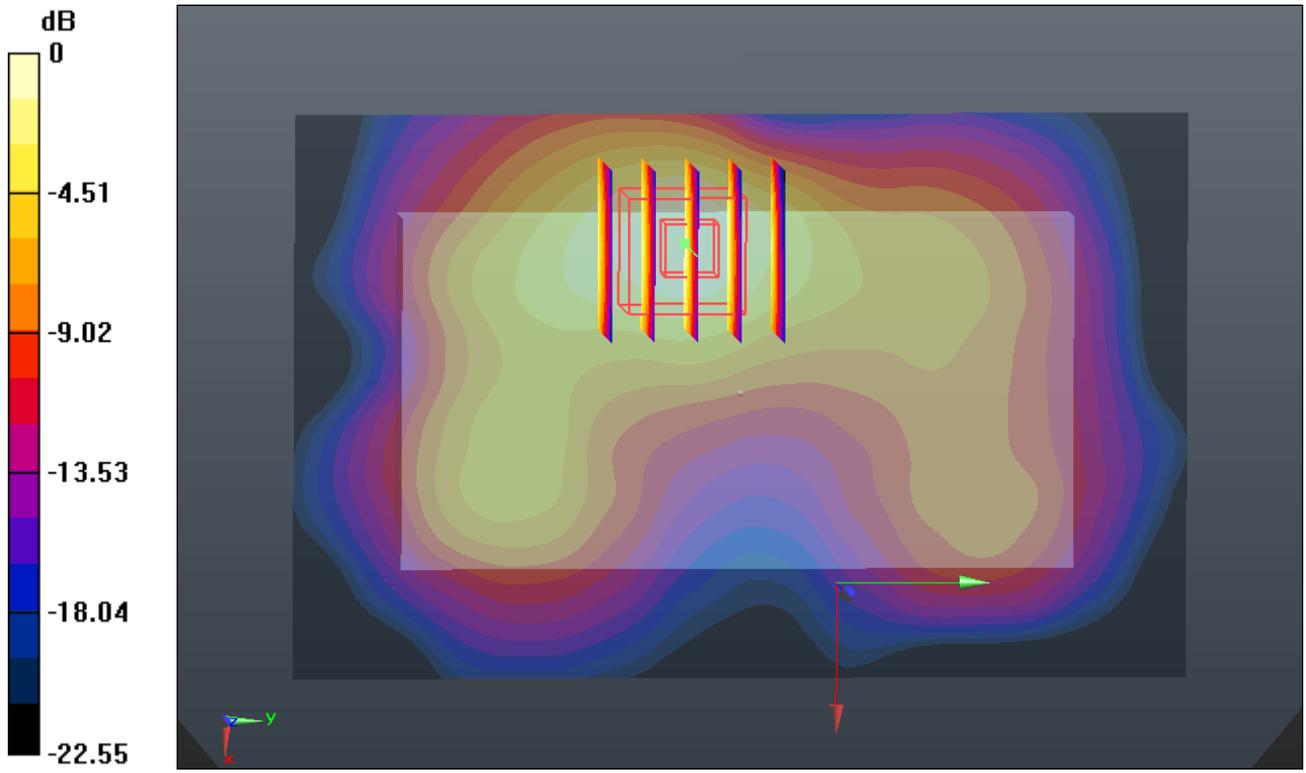
0 dB = 0.700mW/g

#95 LTE Band 25_16QAM(1 0)_10M_Back_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =

54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 0.978 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.058 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.554 W/kg
SAR(1 g) = 0.875 mW/g; SAR(10 g) = 0.472 mW/g
Maximum value of SAR (measured) = 0.971 mW/g
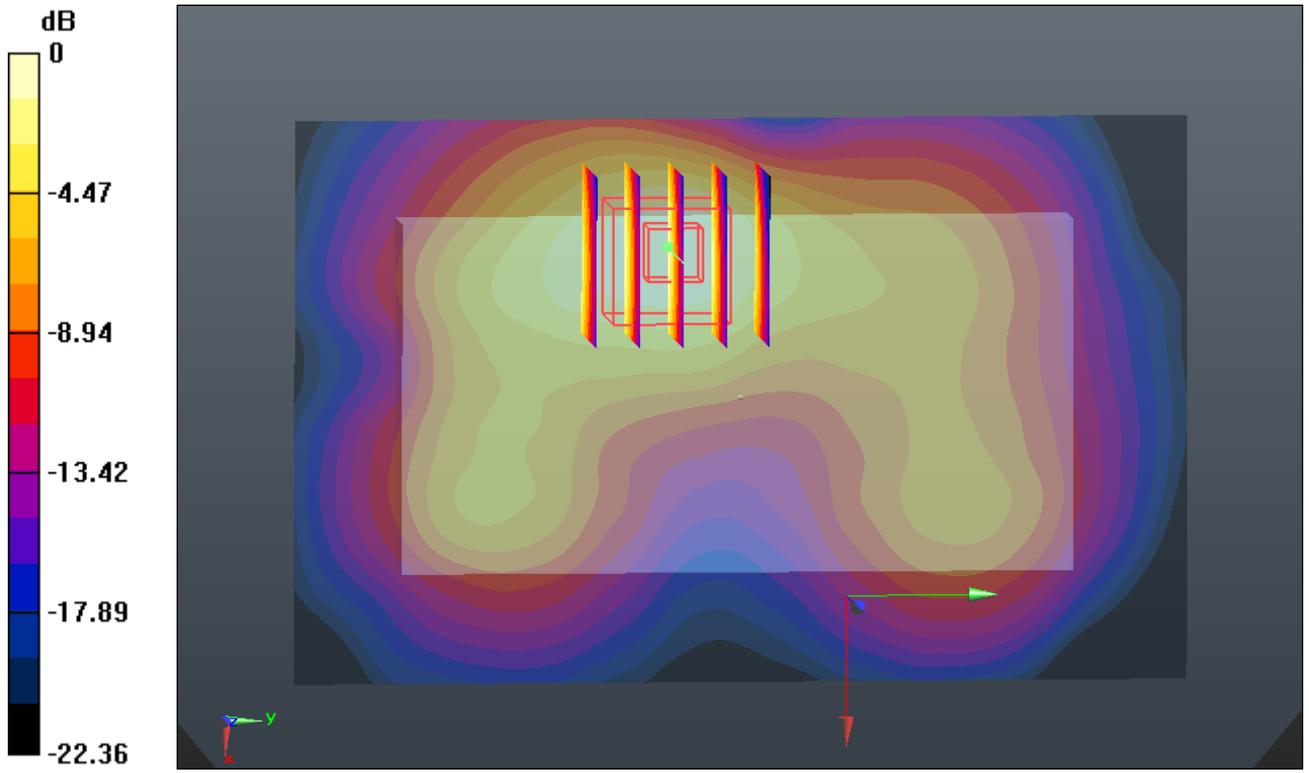
0 dB = 0.970mW/g

#99 LTE Band 25_16QAM(1 49)_10M_Back_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =

54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 0.827 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.096 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.330 W/kg
SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.403 mW/g
Maximum value of SAR (measured) = 0.825 mW/g
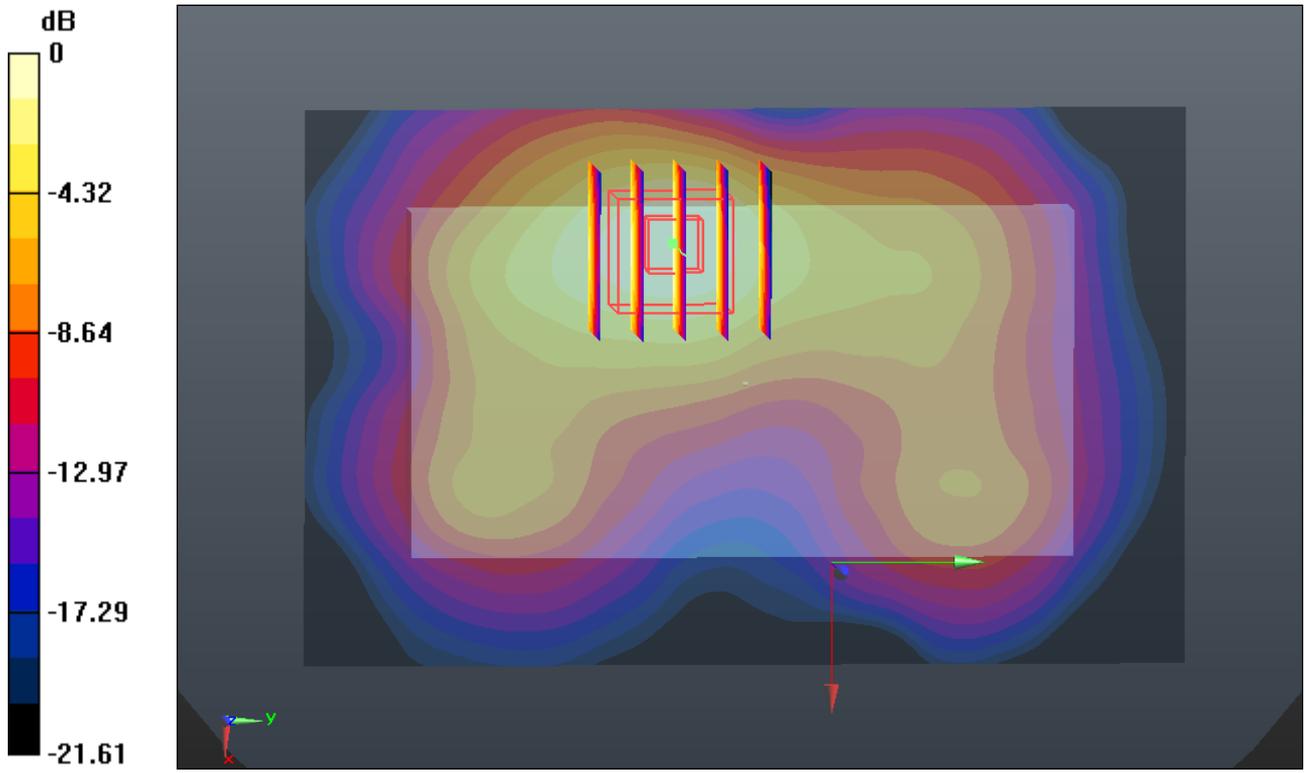
0 dB = 0.830mW/g

#76 LTE Band 25_QPSK(25 13)_10M_Right Side_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =

54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 0.981 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.504 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.475 W/kg
SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.475 mW/g
Maximum value of SAR (measured) = 0.946 mW/g
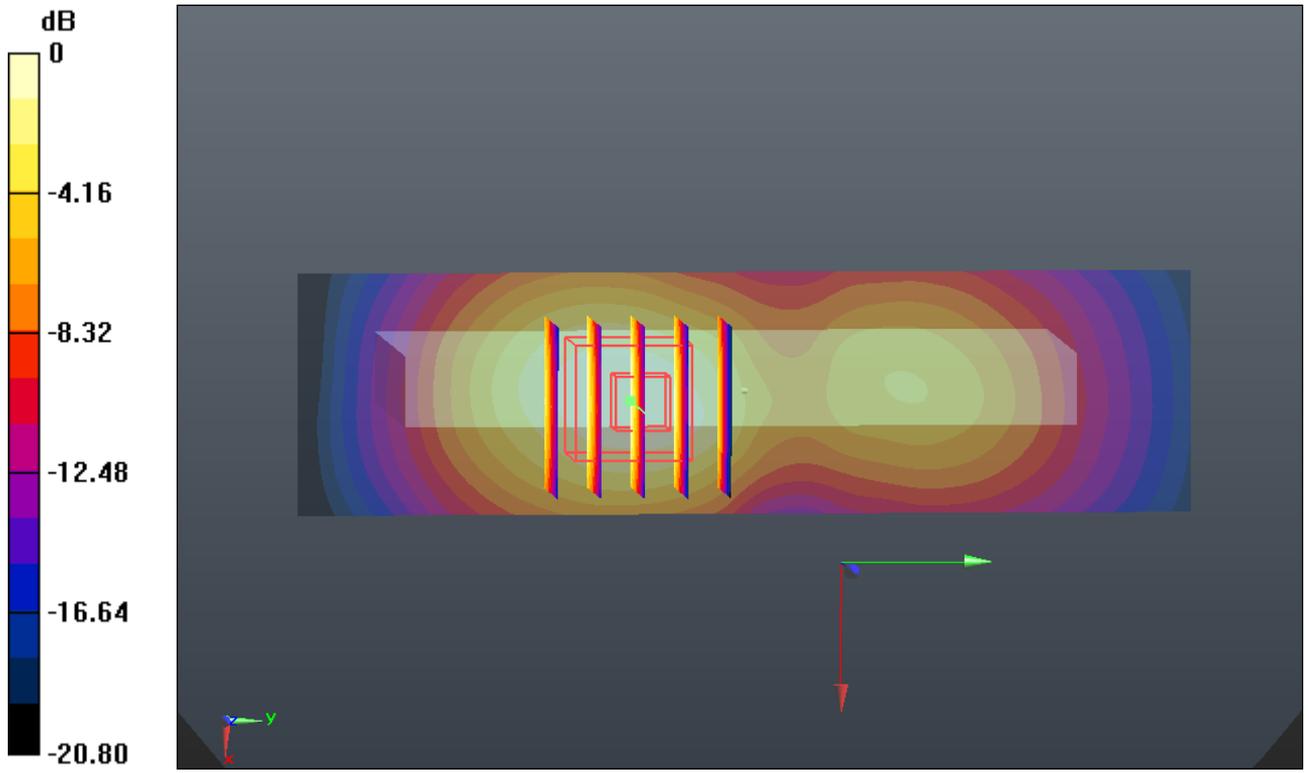
0 dB = 0.950mW/g

#131 LTE Band 25_QPSK(25 13)_10M_Right Side_1cm_Ch26090

DUT: 281701

Communication System: LTE; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1855 MHz; σ = 1.473 mho/m; ε_r =

54.957; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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 (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.953 mW/g

Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.472 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.428 W/kg
SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.455 mW/g
Maximum value of SAR (measured) = 0.923 mW/g
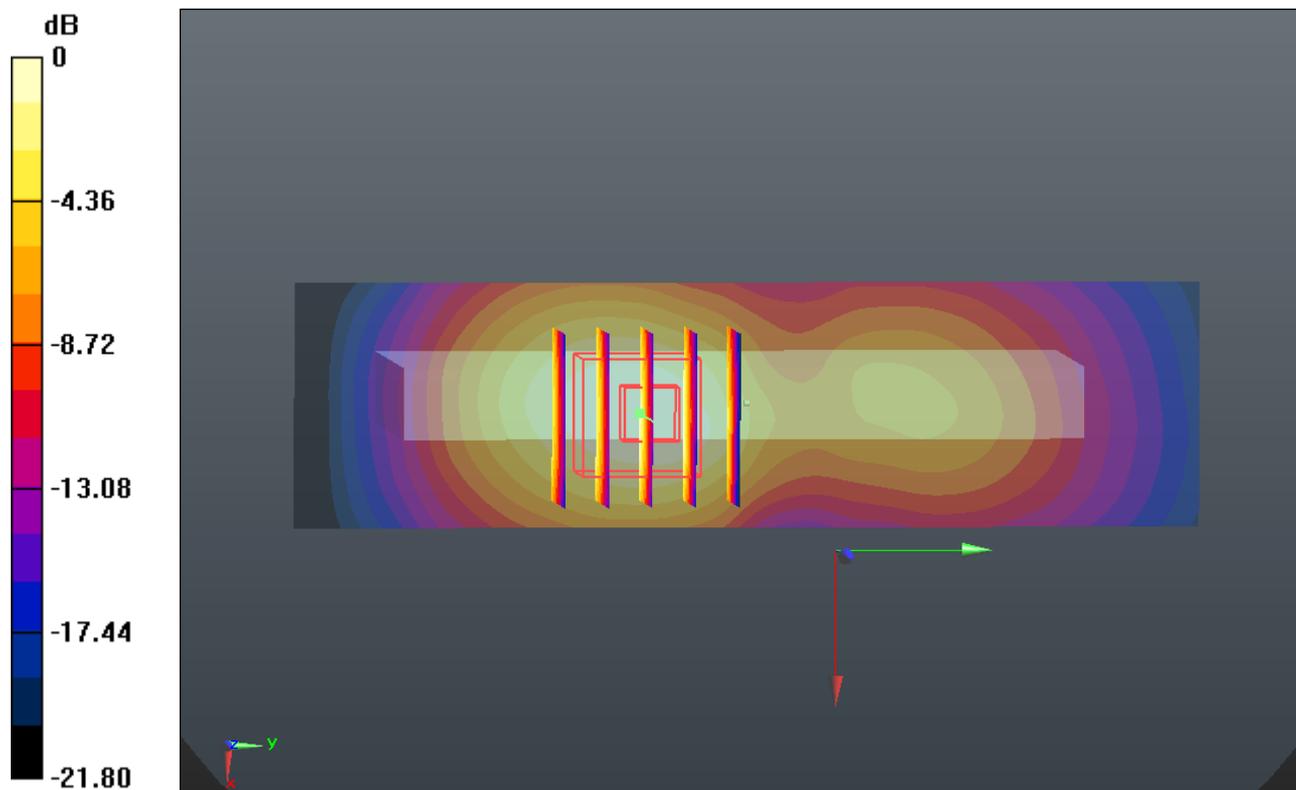
0 dB = 0.920mW/g

#132 LTE Band 25_QPSK(25 13)_10M_Right Side_1cm_Ch26640

DUT: 281701

Communication System: LTE; Frequency: 1910 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1910 MHz; σ = 1.536 mho/m; ε_r =

54.849; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 0.856 mW/g

Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.028 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.291 W/kg
SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.418 mW/g
Maximum value of SAR (measured) = 0.821 mW/g
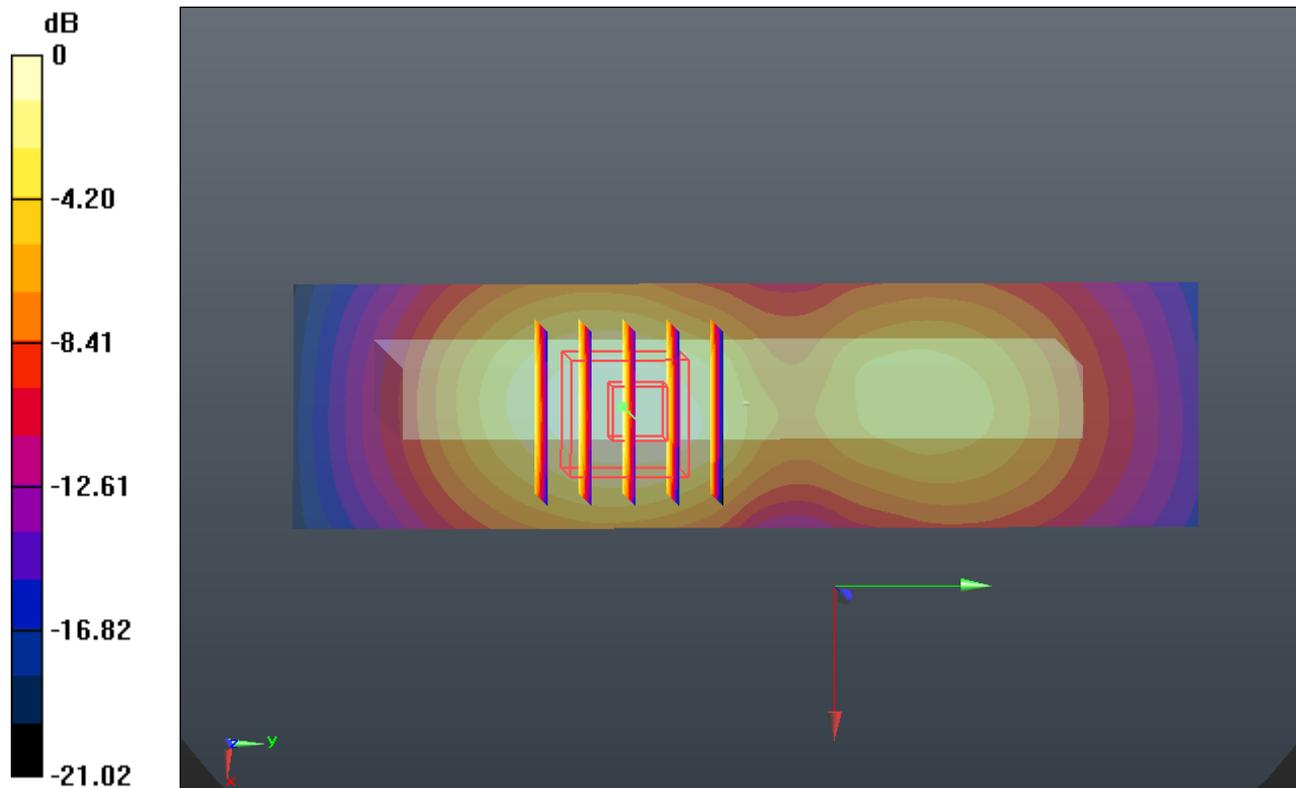
0 dB = 0.820mW/g

#84 LTE Band 25_QPSK(1 0)_10M_Right Side_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r = 54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 1.389 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.192 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 2.118 W/kg
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.682 mW/g
Maximum value of SAR (measured) = 1.357 mW/g

0 dB = 1.360mW/g

#84 LTE Band 25_QPSK(1 0)_10M_Right Side_1cm_Ch26365_2D

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r = 54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 1.389 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.192 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 2.118 W/kg
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.682 mW/g
Maximum value of SAR (measured) = 1.357 mW/g

1g/10g Averaged SAR

#167 LTE Band 25_QPSK(1 0)_10M_Right Side_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.51 mho/m; ε$_r$ =

54.008; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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)

Ch26365/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.337 mW/g
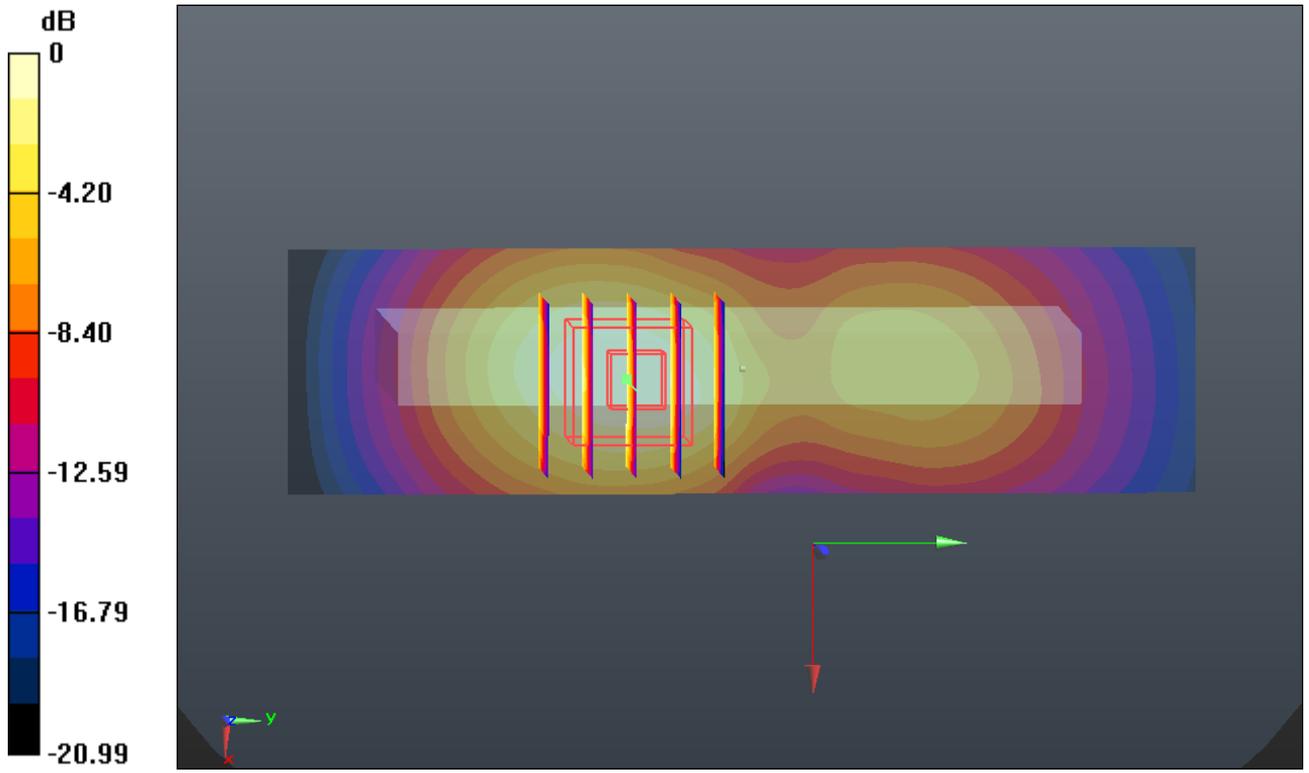
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.130 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.556 W/kg
SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.174 mW/g
Maximum value of SAR (measured) = 0.348 mW/g
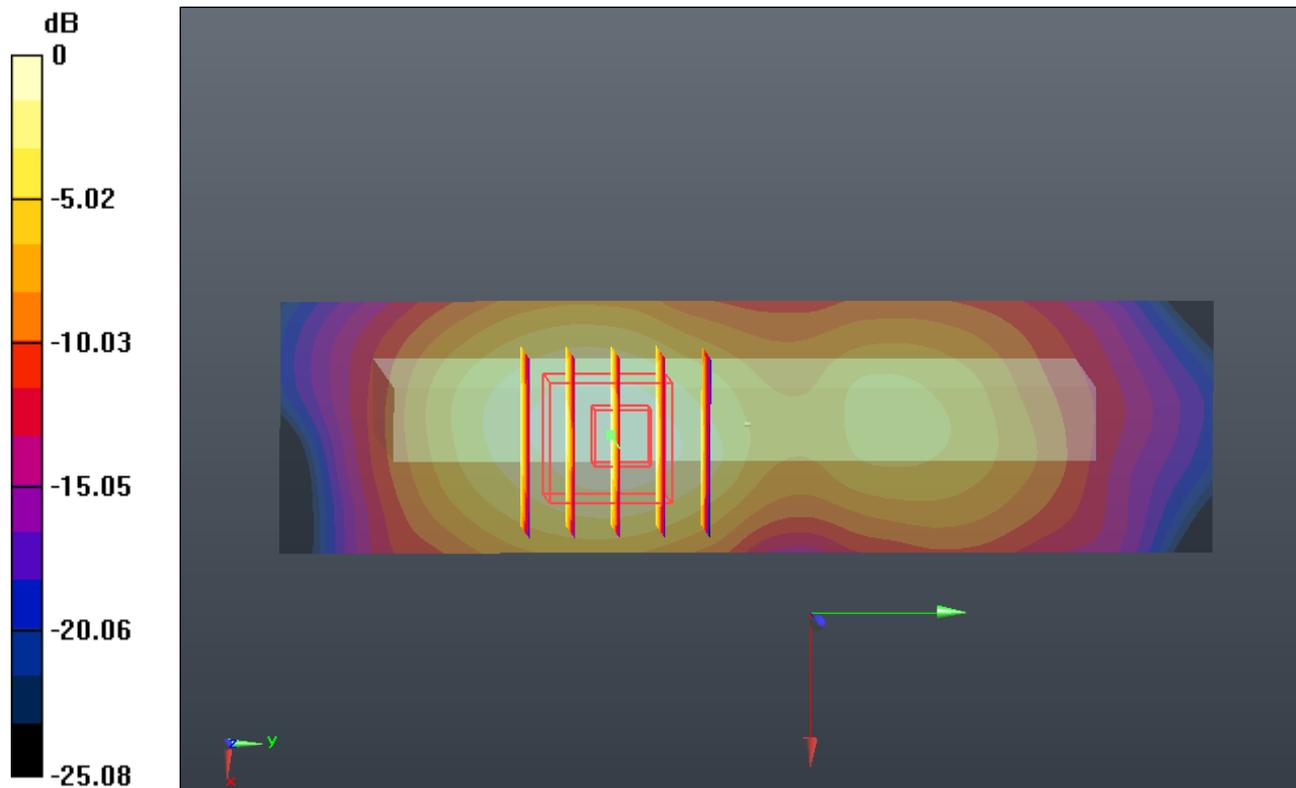
0 dB = 0.350mW/g

#88 LTE Band 25_QPSK(1 49)_10M_Right Side_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =

54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 1.199 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.985 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.790 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.585 mW/g
Maximum value of SAR (measured) = 1.168 mW/g
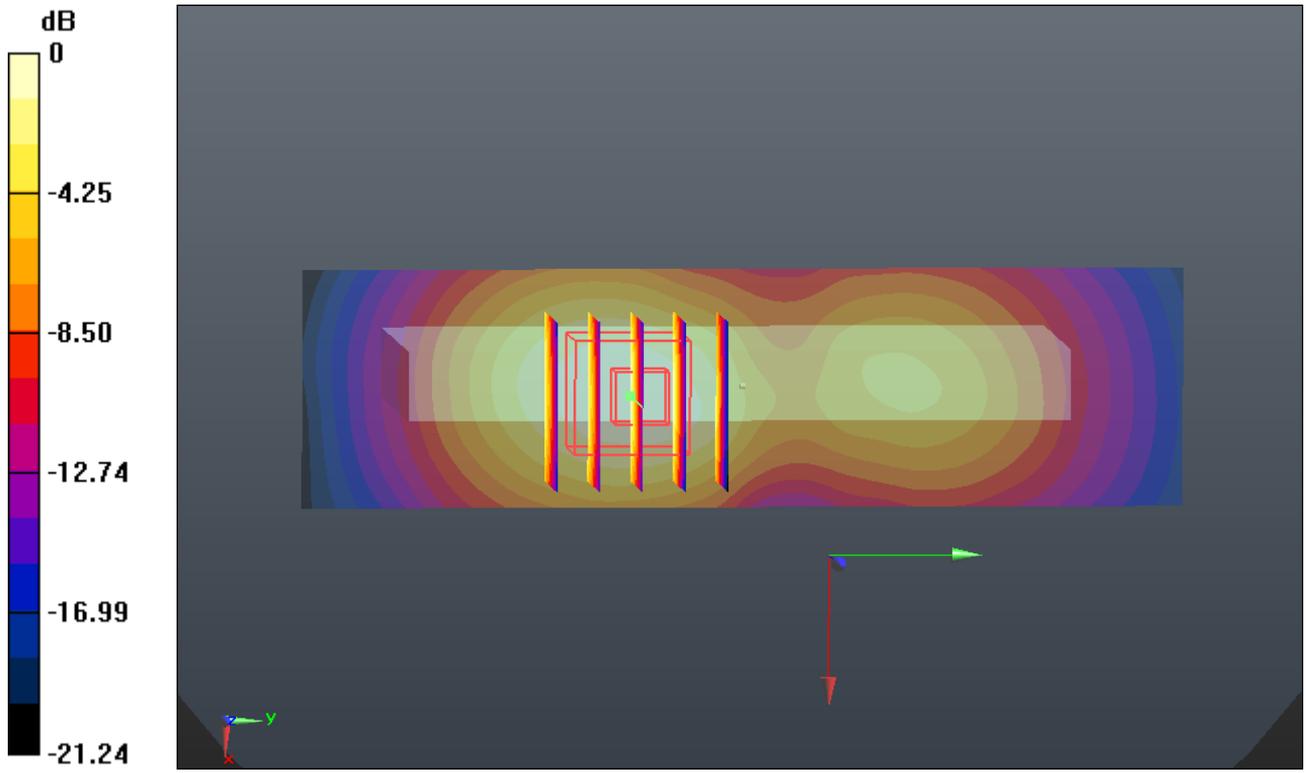
0 dB = 1.170mW/g

#92 LTE Band 25_16QAM(25 13)_10M_Right Side_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =

54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 0.749 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
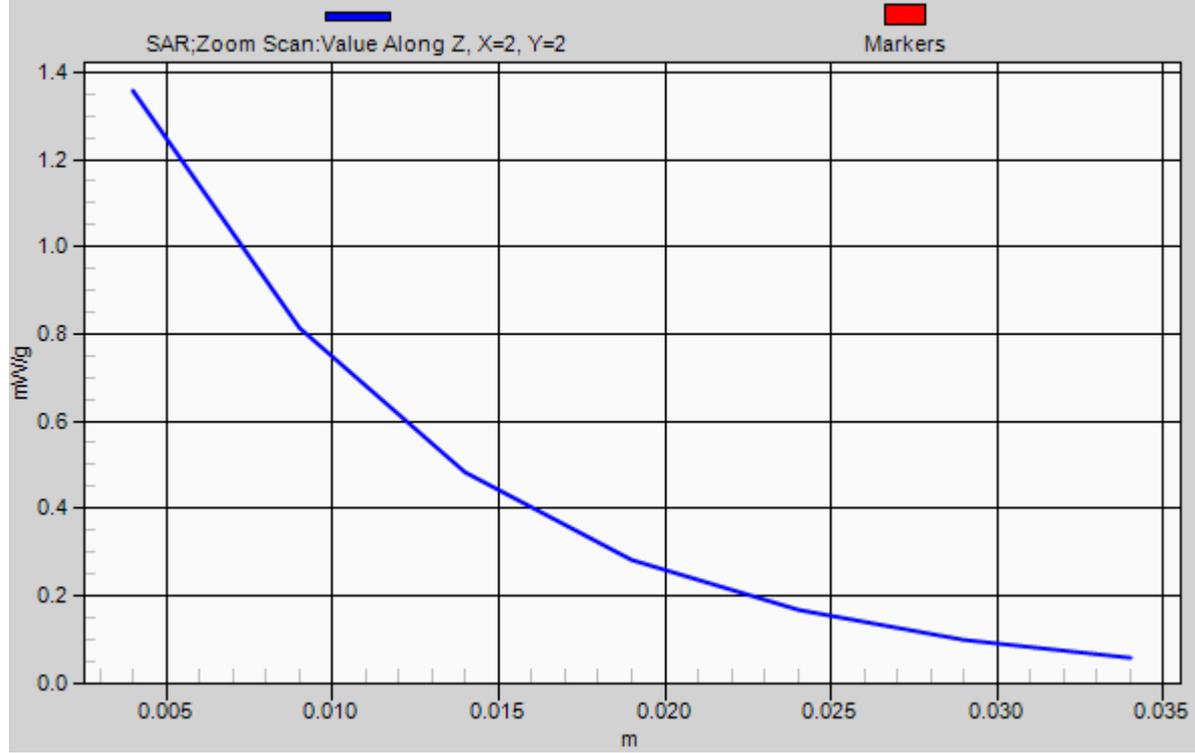Reference Value = 13.507 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.180 W/kg
SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.374 mW/g
Maximum value of SAR (measured) = 0.752 mW/g
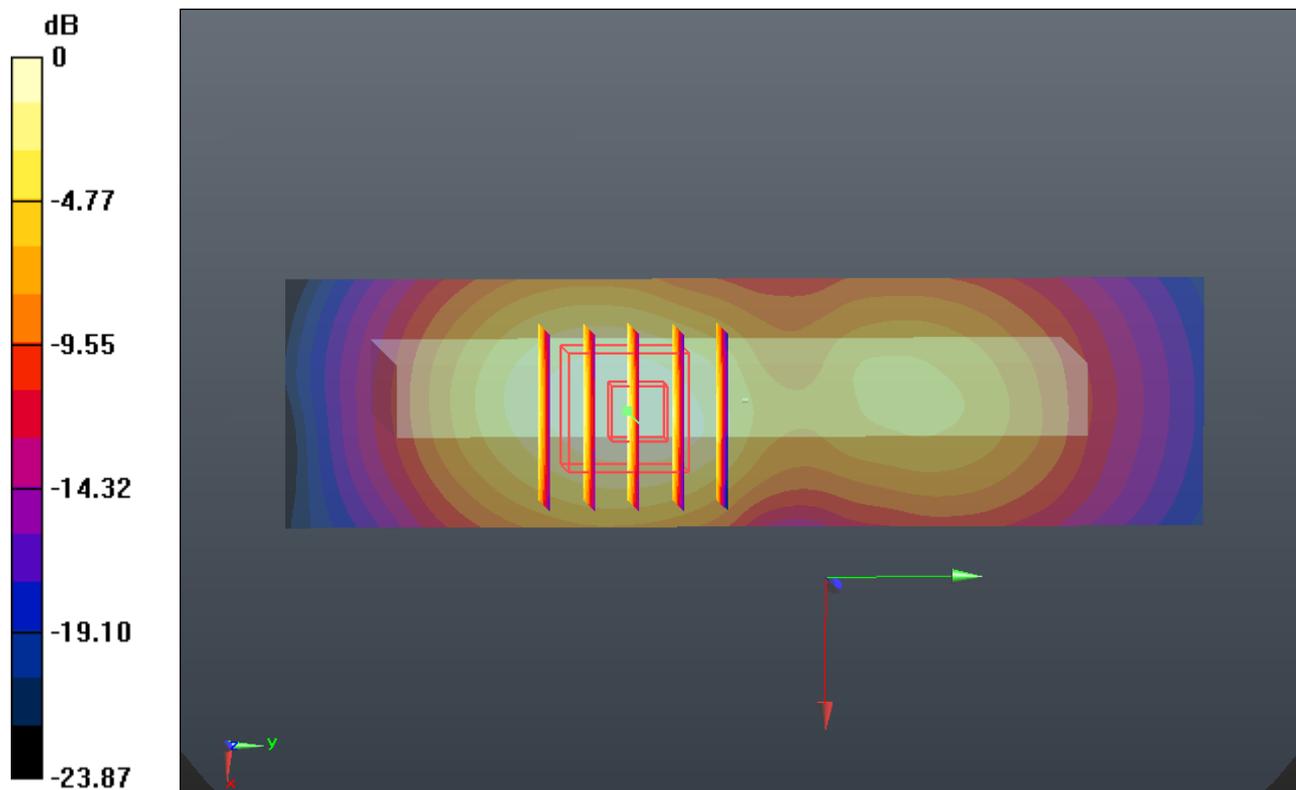
0 dB = 0.750mW/g

#96 LTE Band 25_16QAM(1 0)_10M_Right Side_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =

54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 1.083 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.264 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.645 W/kg
SAR(1 g) = 0.962 mW/g; SAR(10 g) = 0.530 mW/g
Maximum value of SAR (measured) = 1.054 mW/g
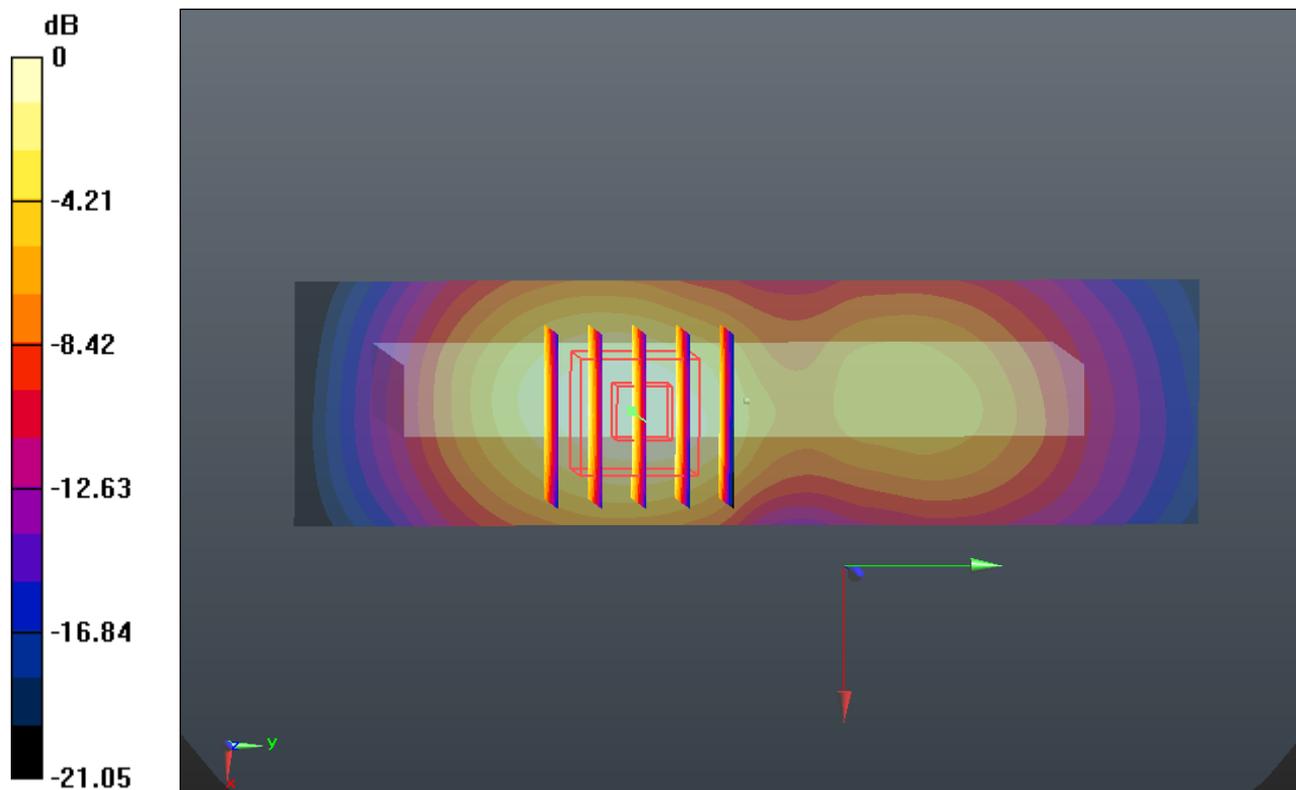
0 dB = 1.050mW/g

#100 LTE Band 25_16QAM(1 49)_10M_Right Side_1cm_Ch26365

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =

54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 0.948 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.121 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.428 W/kg
SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.464 mW/g
Maximum value of SAR (measured) = 0.922 mW/g
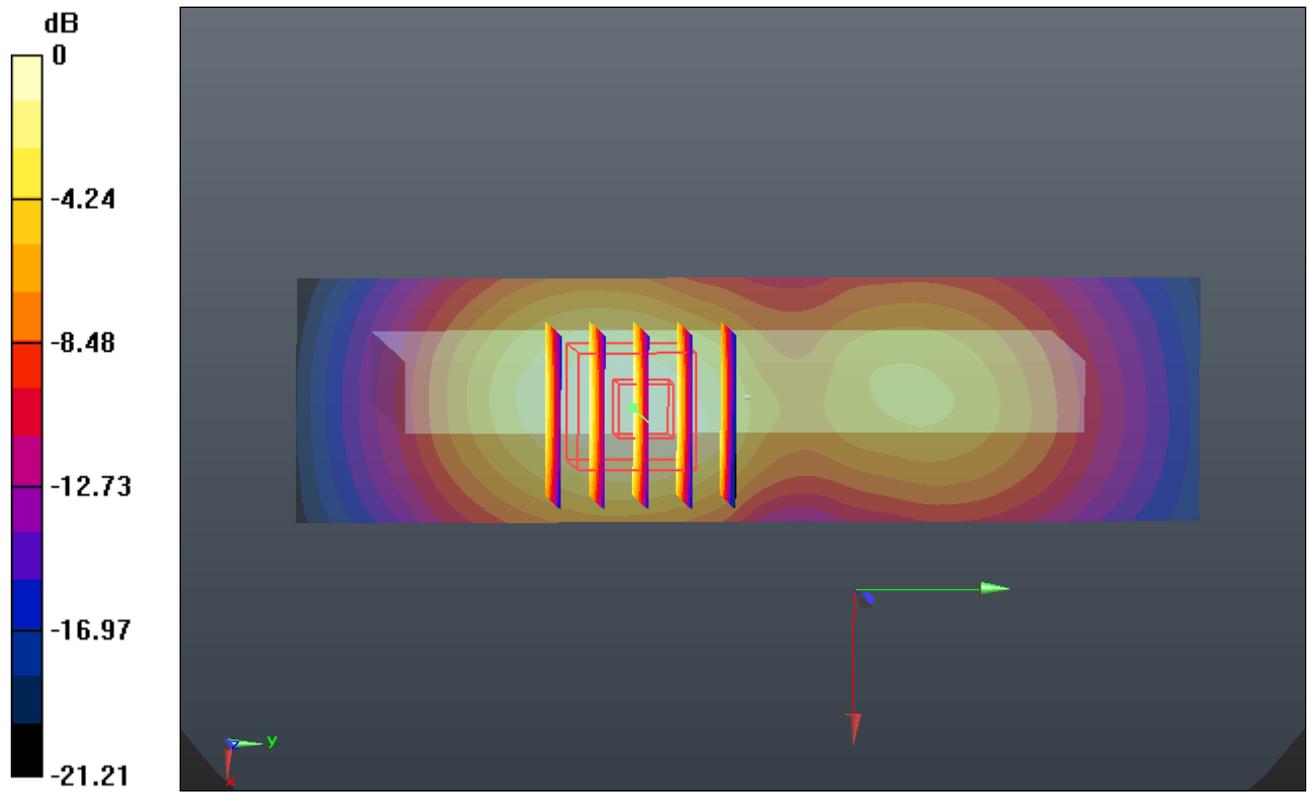
0 dB = 0.920mW/g

#102 802.11b_Front_1cm_Ch11

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120904 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε$_r$ =

53.408; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

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) = 0.103 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.154 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.067 W/kg
SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.048 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.154 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.042 W/kg
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.029 mW/g
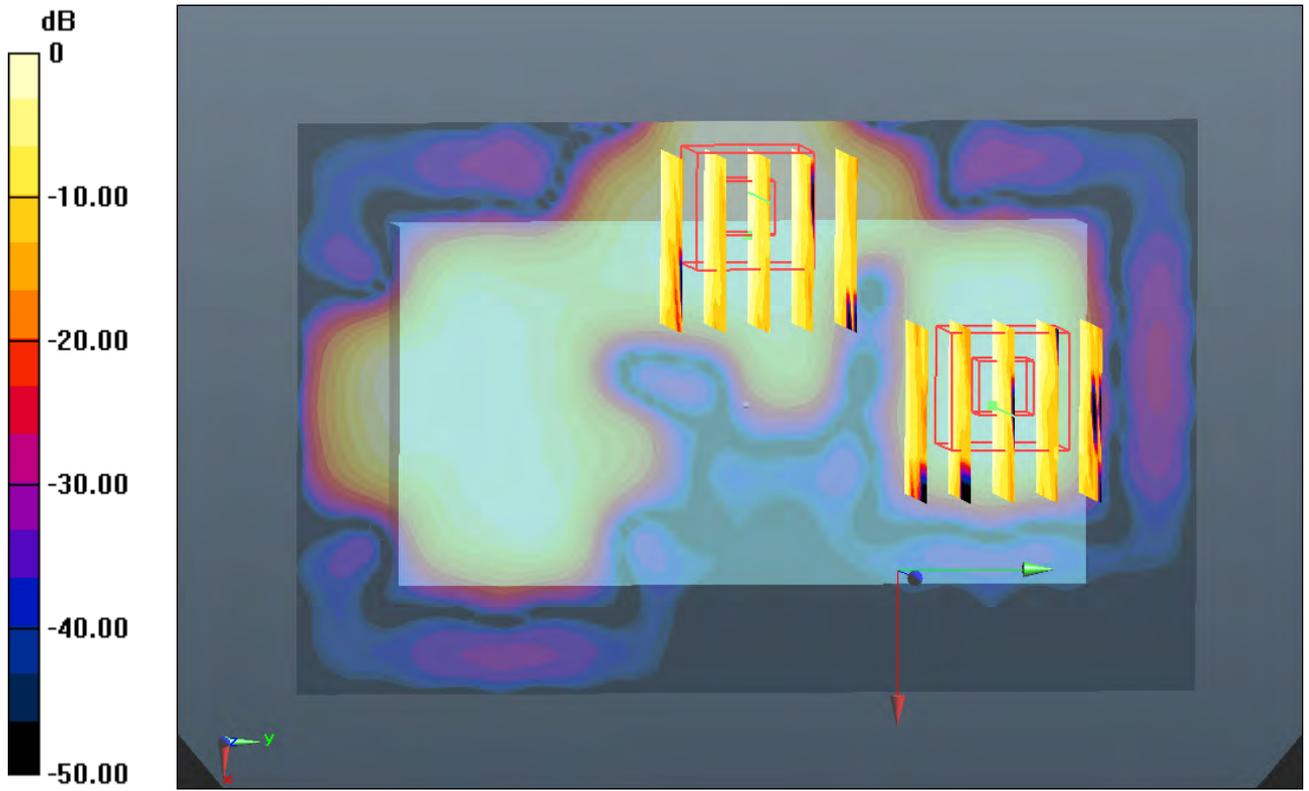
0 dB = 0.030mW/g

#103 802.11b_Back_1cm_Ch11

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120904 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r =

53.408; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.4 ℃

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) = 0.133 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.790 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.127 mW/g

0 dB = 0.130mW/g

#103 802.11b_Back_1cm_Ch11_2D

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120904 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r =

53.408; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.4 ℃

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) = 0.133 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.790 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.127 mW/g

1g/10g Averaged SAR
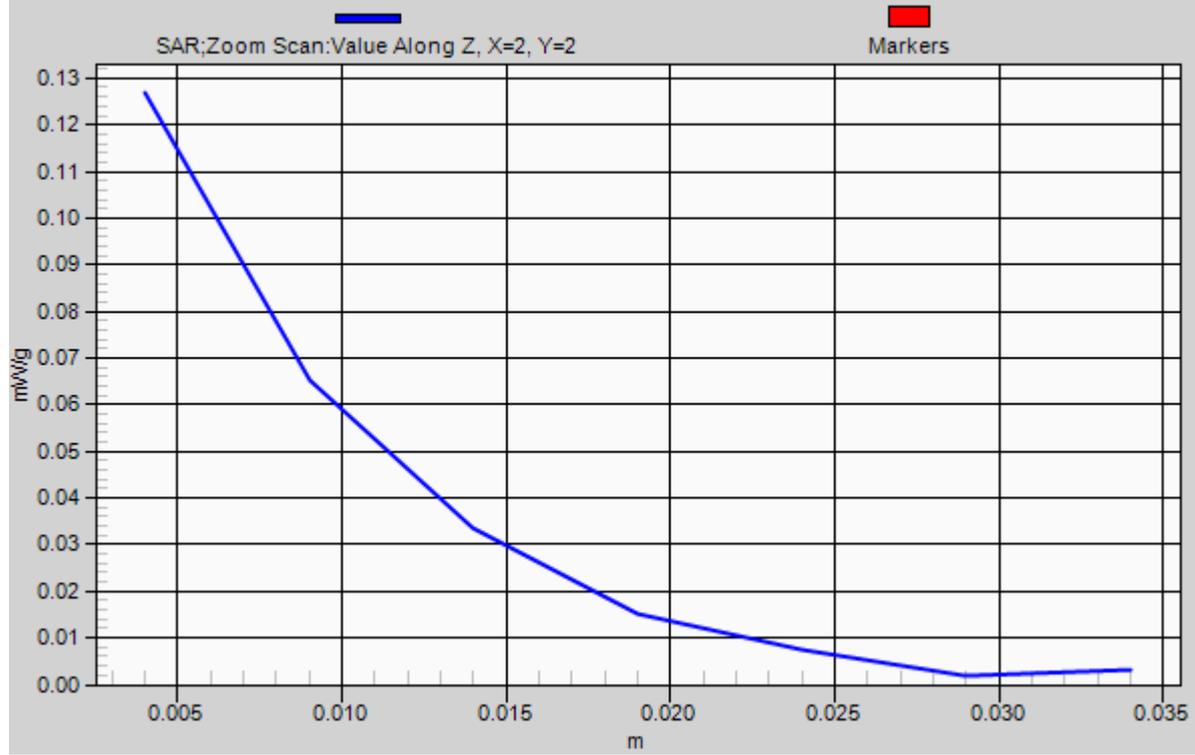
#104 802.11b_Left Side_1cm_Ch11

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120904 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε_r =

53.408; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.4 ℃

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
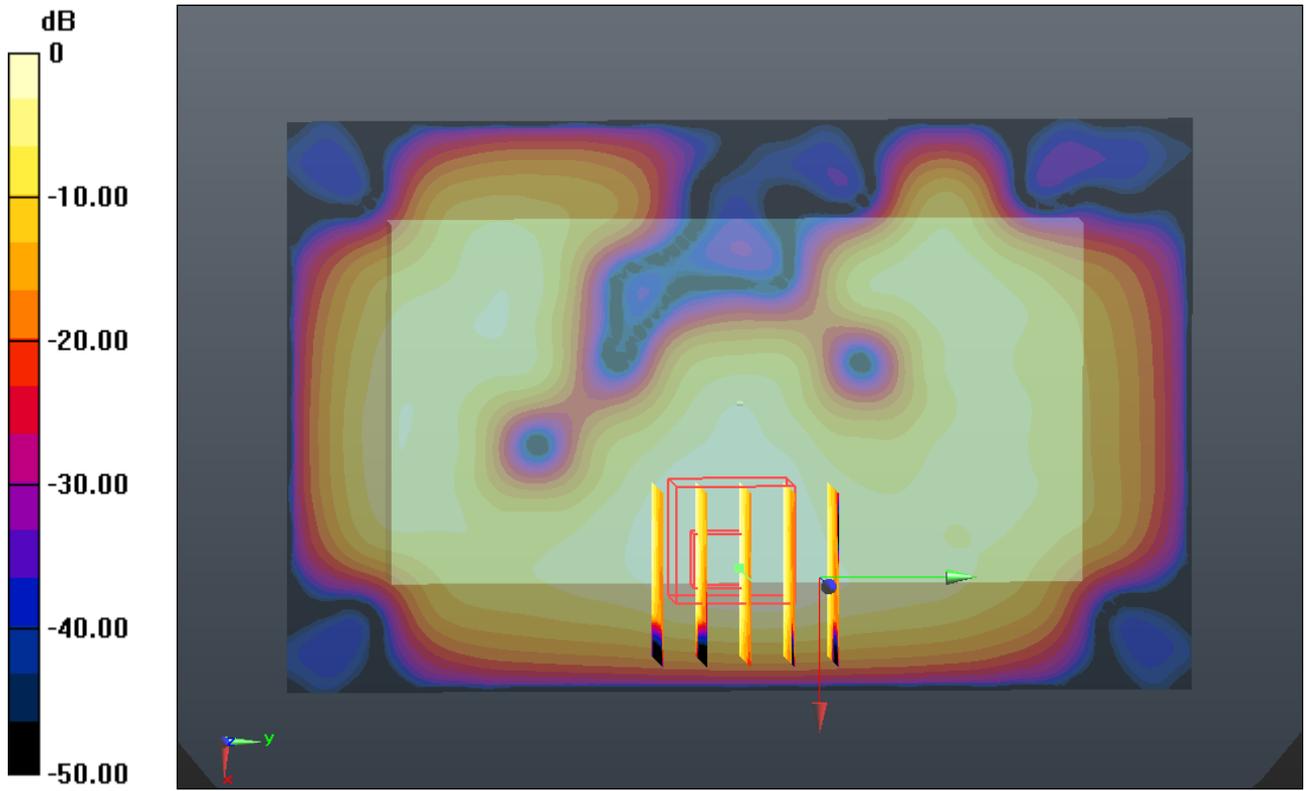Maximum value of SAR (interpolated) = 0.123 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.408 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.345 W/kg
SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.117 mW/g
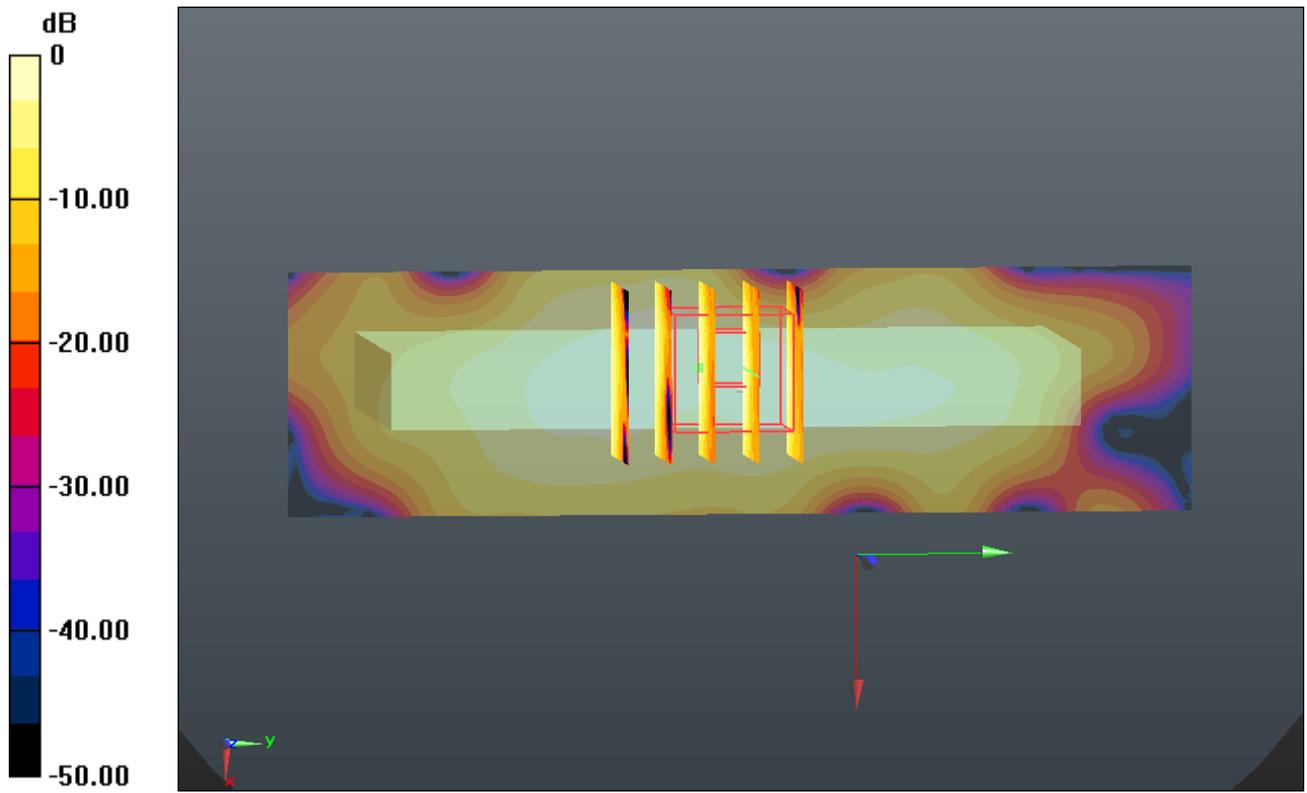
0 dB = 0.120mW/g

#41 CDMA2000 BC0_RC3 SO32_Front_1cm_Ch777

DUT: 281701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 848.31 MHz; σ = 0.987 mho/m; ε_r =

54.162; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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) = 0.954 mW/g

**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.600 V/m; Power Drift = 0.0012 dB
Peak SAR (extrapolated) = 1.207 W/kg
SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.666 mW/g
Maximum value of SAR (measured) = 0.950 mW/g
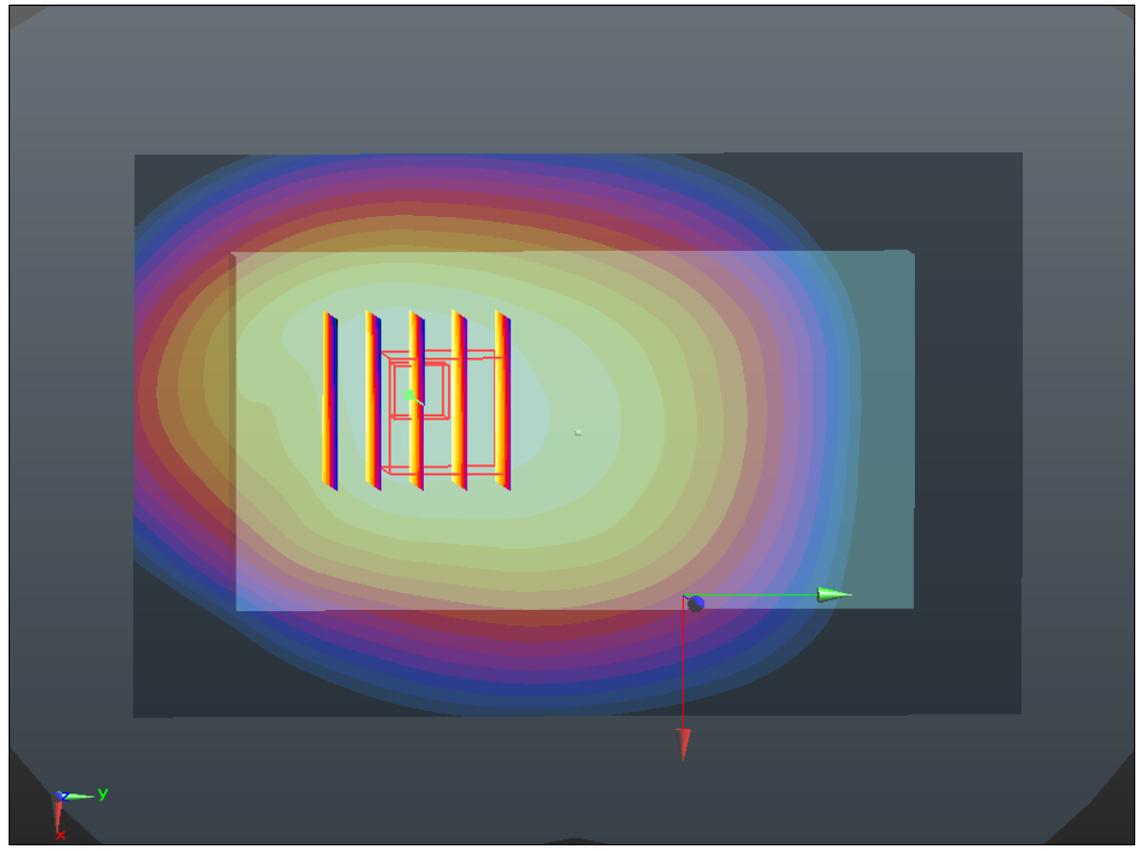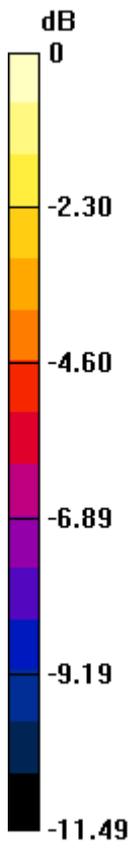
0 dB = 0.950mW/g

#78 CDMA2000 BC0_RC3 SO32_Front_1cm_Ch1013

DUT: 281701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 825 MHz; σ = 0.965 mho/m; ε_r = 54.352;

ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.814 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.844 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.965 W/kg
SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.594 mW/g
Maximum value of SAR (measured) = 0.813 mW/g
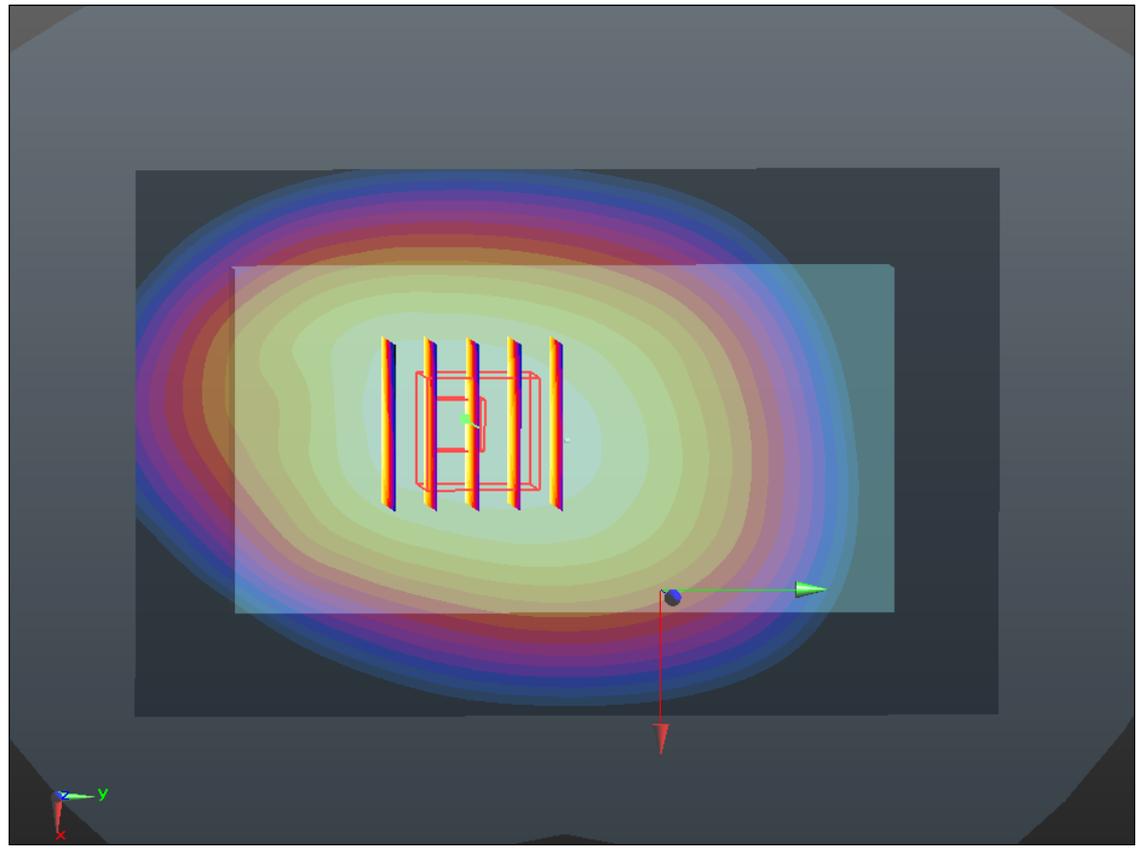
0 dB = 0.810mW/g

#79 CDMA2000 BC0_RC3 SO32_Front_1cm_Ch384

DUT: 281701

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 837 MHz; σ = 0.976 mho/m; $ε_r$ = 54.265;

ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch384/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.023 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.691 V/m; Power Drift = 0.0022 dB
Peak SAR (extrapolated) = 1.271 W/kg
SAR(1 g) = 0.985 mW/g; SAR(10 g) = 0.733 mW/g
Maximum value of SAR (measured) = 1.035 mW/g
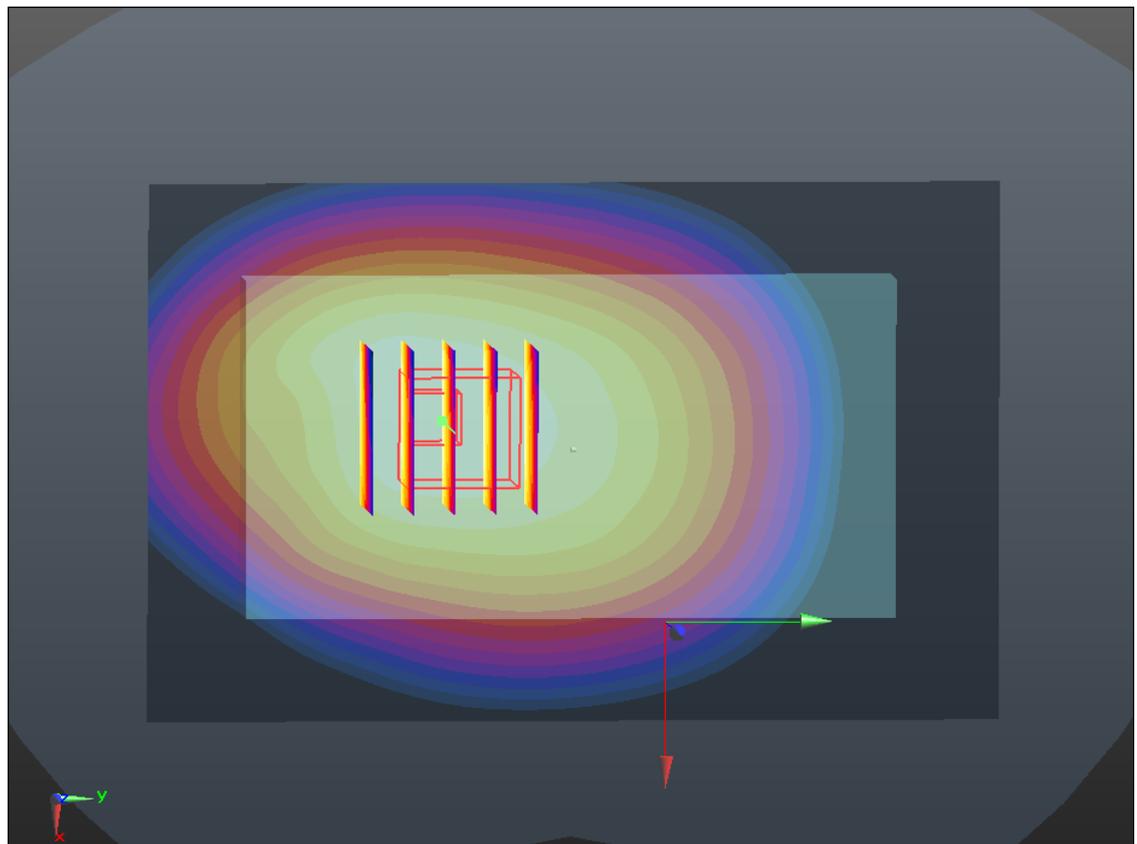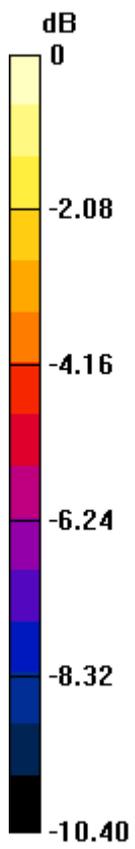
0 dB = 1.030mW/g

#155 CDMA2000 BC0_RC3 SO32_Front_1cm_Ch384

DUT: 281701

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_120904 Medium parameters used: f = 837 MHz; σ = 0.979 mho/m; ε_r = 54.364;

ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.1 ℃

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)

Ch384/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.185 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.935 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.224 W/kg
SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.128 mW/g
Maximum value of SAR (measured) = 0.181 mW/g

0 dB = 0.180mW/g

#42 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch777

DUT: 281701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 848.31 MHz; σ = 0.987 mho/m; ε_r =

54.162; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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) = 1.169 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.534 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.518 W/kg
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.798 mW/g
Maximum value of SAR (measured) = 1.188 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.534 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.428 W/kg
SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.554 mW/g
Maximum value of SAR (measured) = 0.953 mW/g

0 dB = 0.950mW/g

#110 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013

DUT: 281701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 825 MHz; σ = 0.965 mho/m; ε_r = 54.352;

ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
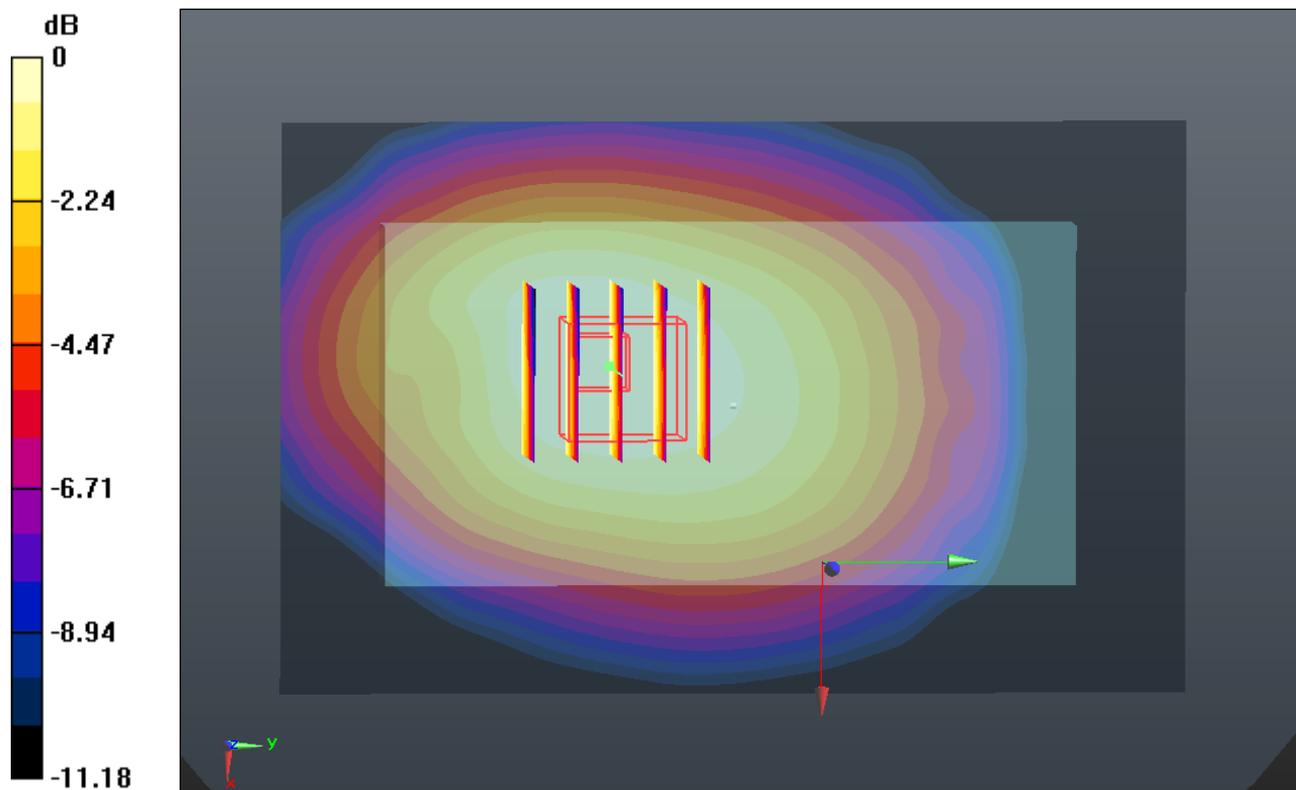Maximum value of SAR (interpolated) = 0.943 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.241 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.117 W/kg
SAR(1 g) = 0.890 mW/g; SAR(10 g) = 0.670 mW/g
Maximum value of SAR (measured) = 0.931 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.241 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.031 W/kg
SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.422 mW/g
Maximum value of SAR (measured) = 0.705 mW/g
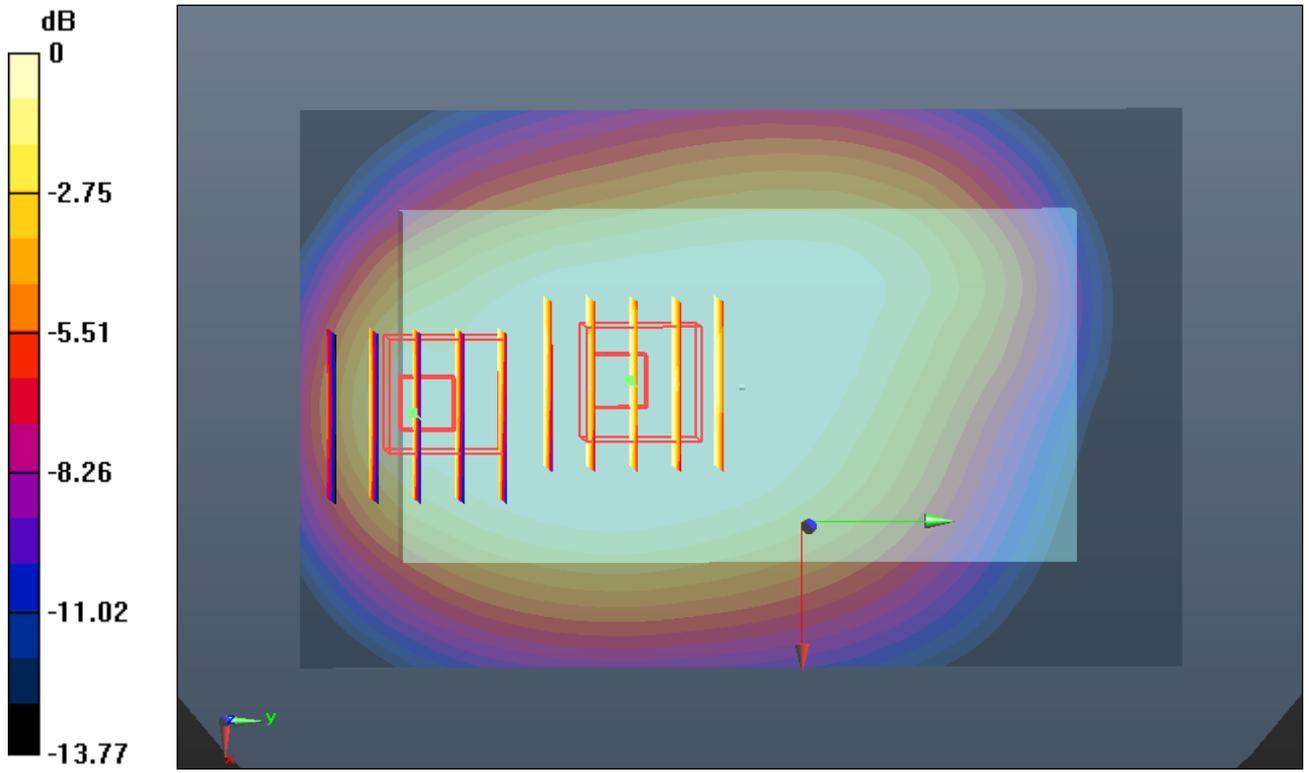
0 dB = 0.710mW/g

#111 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch384

DUT: 281701

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 837 MHz; σ = 0.976 mho/m; ε_r = 54.265;

ρ = 1000 kg/m^3
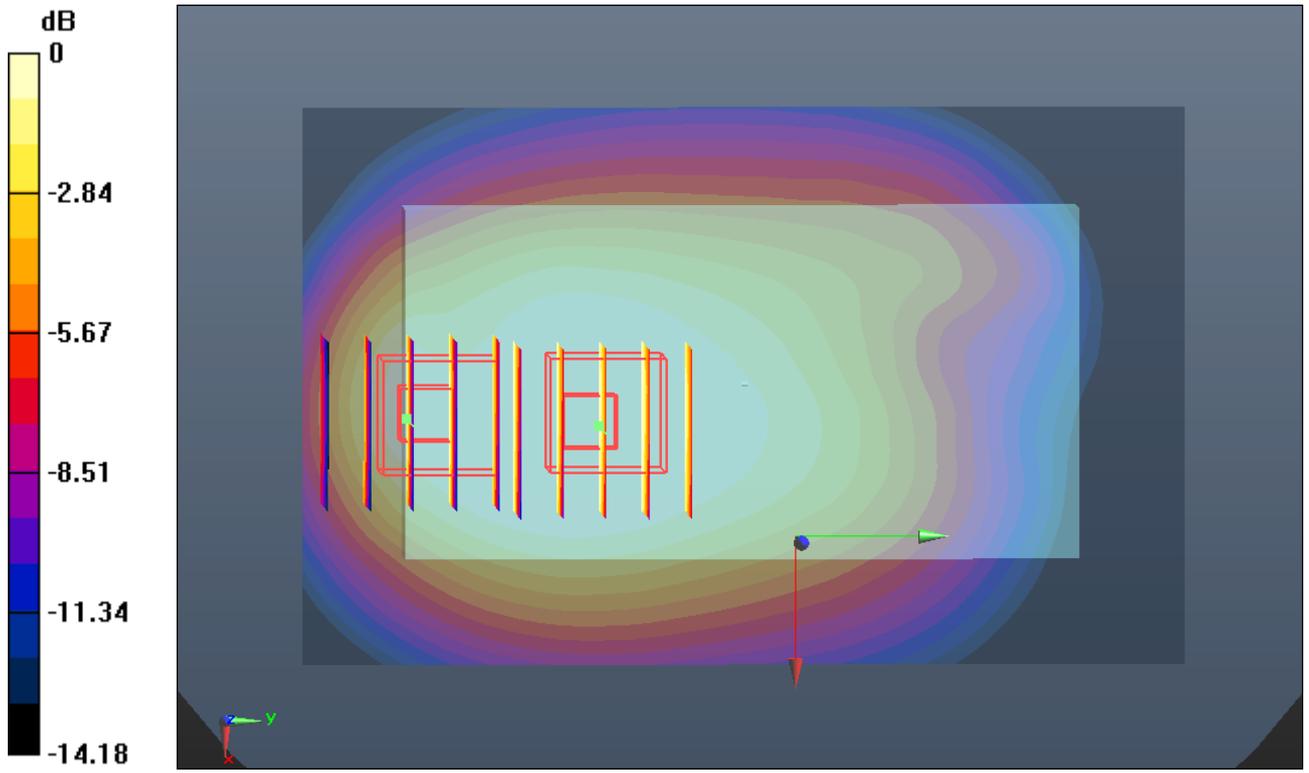Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch384/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.276 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.044 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.633 W/kg
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.885 mW/g
Maximum value of SAR (measured) = 1.281 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.044 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.425 W/kg
SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.582 mW/g
Maximum value of SAR (measured) = 0.980 mW/g

0 dB = 0.980mW/g

#111 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch384_2D

DUT: 281701

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 837 MHz; σ = 0.976 mho/m; ε_r = 54.265;

ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch384/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.276 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.044 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.633 W/kg
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.885 mW/g
Maximum value of SAR (measured) = 1.281 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.044 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.425 W/kg
SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.582 mW/g
Maximum value of SAR (measured) = 0.980 mW/g

1g/10g Averaged SAR

#156 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch384

DUT: 281701

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium: MSL_835_120904 Medium parameters used: f = 837 MHz; σ = 0.979 mho/m; ε_r = 54.364;

ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.1 ℃

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)

Ch384/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
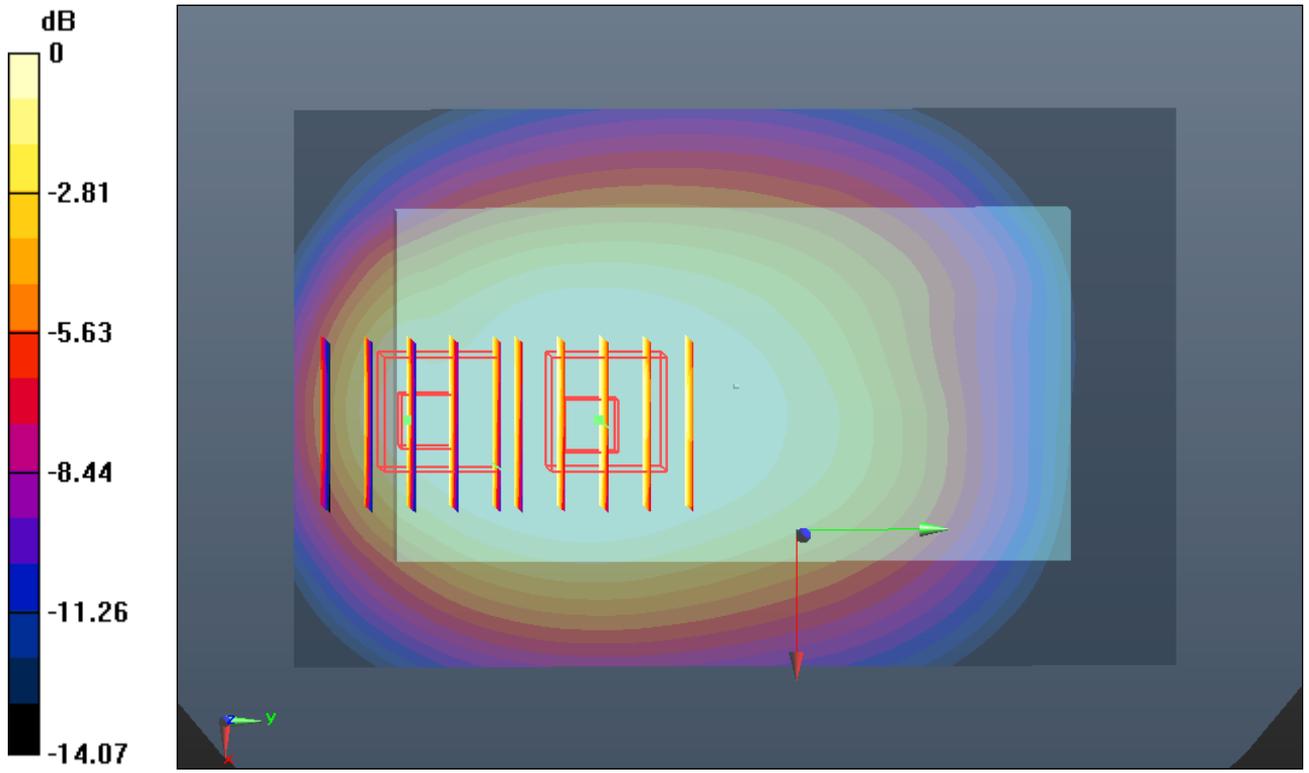Maximum value of SAR (interpolated) = 0.229 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.690 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.298 W/kg
SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.161 mW/g
Maximum value of SAR (measured) = 0.236 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.690 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.118 mW/g
Maximum value of SAR (measured) = 0.218 mW/g
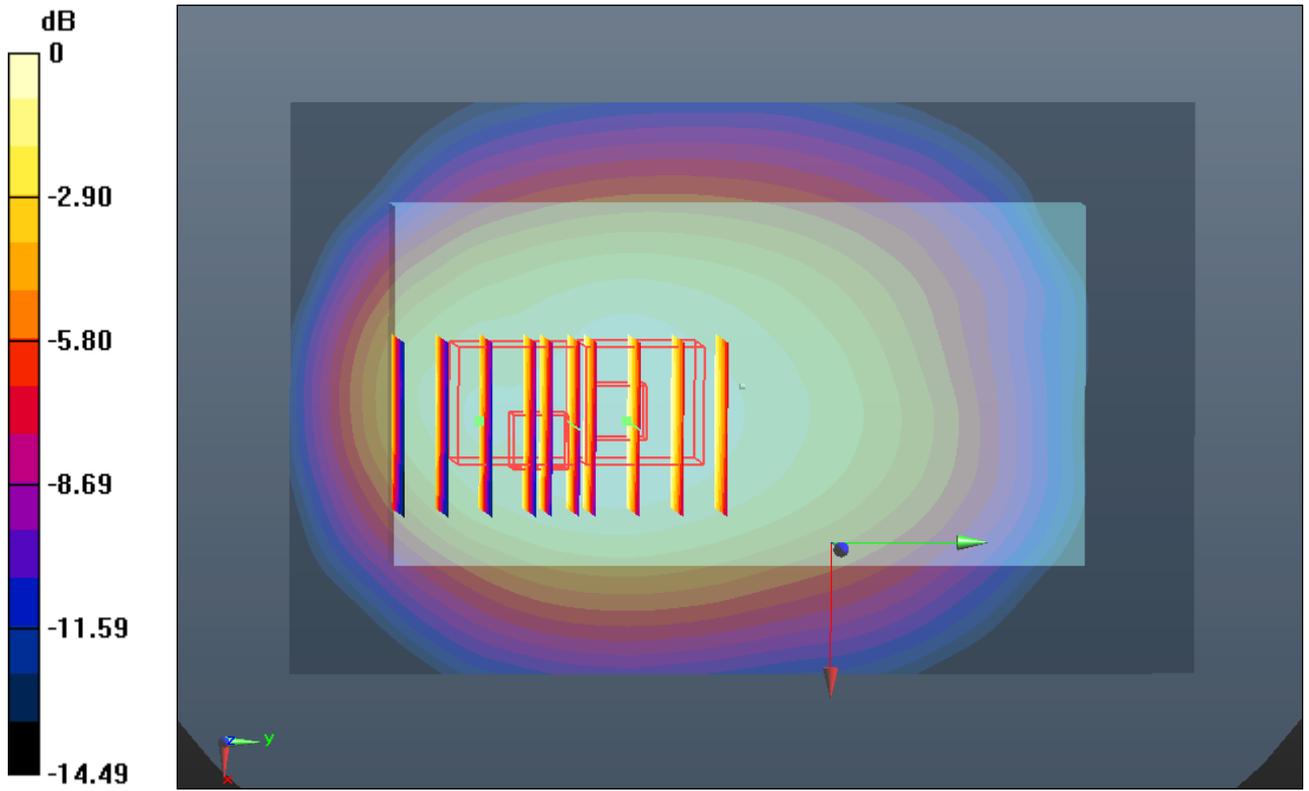
0 dB = 0.220mW/g

#46 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch384_Headset

DUT: 281701

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 837 MHz; σ = 0.976 mho/m; ε_r = 54.265;

ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch384/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.987 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.590 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.276 W/kg
SAR(1 g) = 0.951 mW/g; SAR(10 g) = 0.688 mW/g
Maximum value of SAR (measured) = 0.991 mW/g

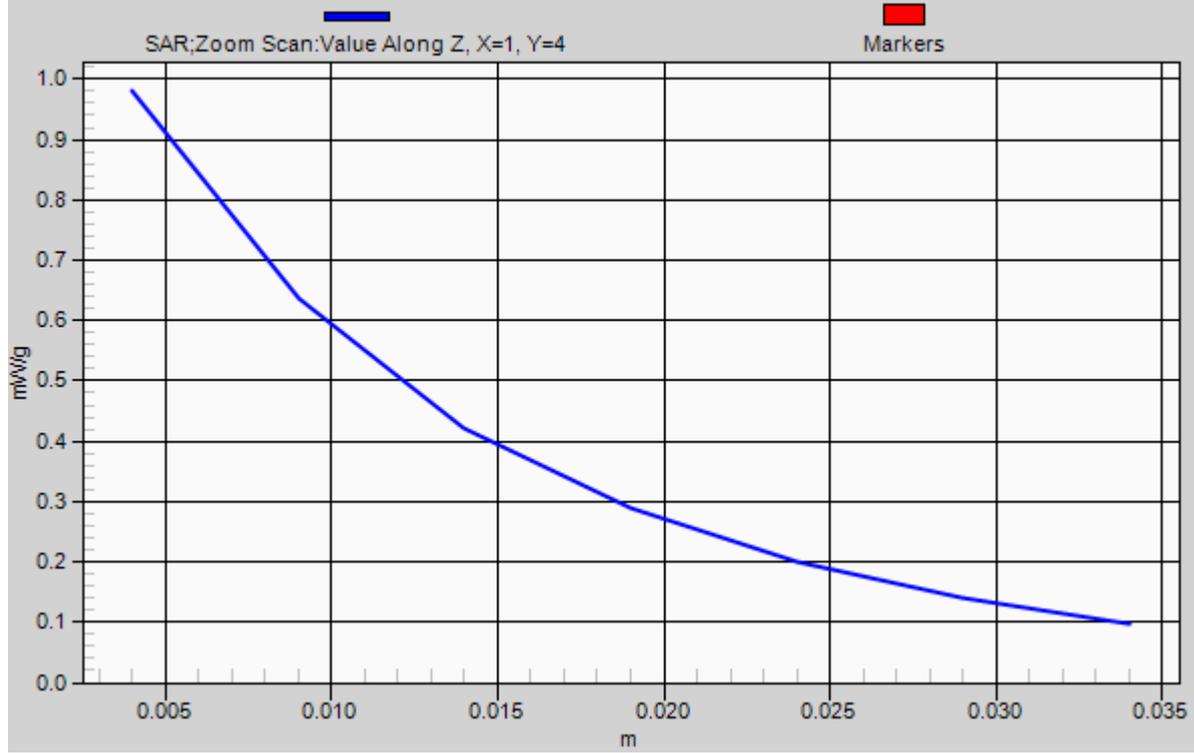**Ch384/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.590 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.286 W/kg
SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.483 mW/g
Maximum value of SAR (measured) = 0.862 mW/g
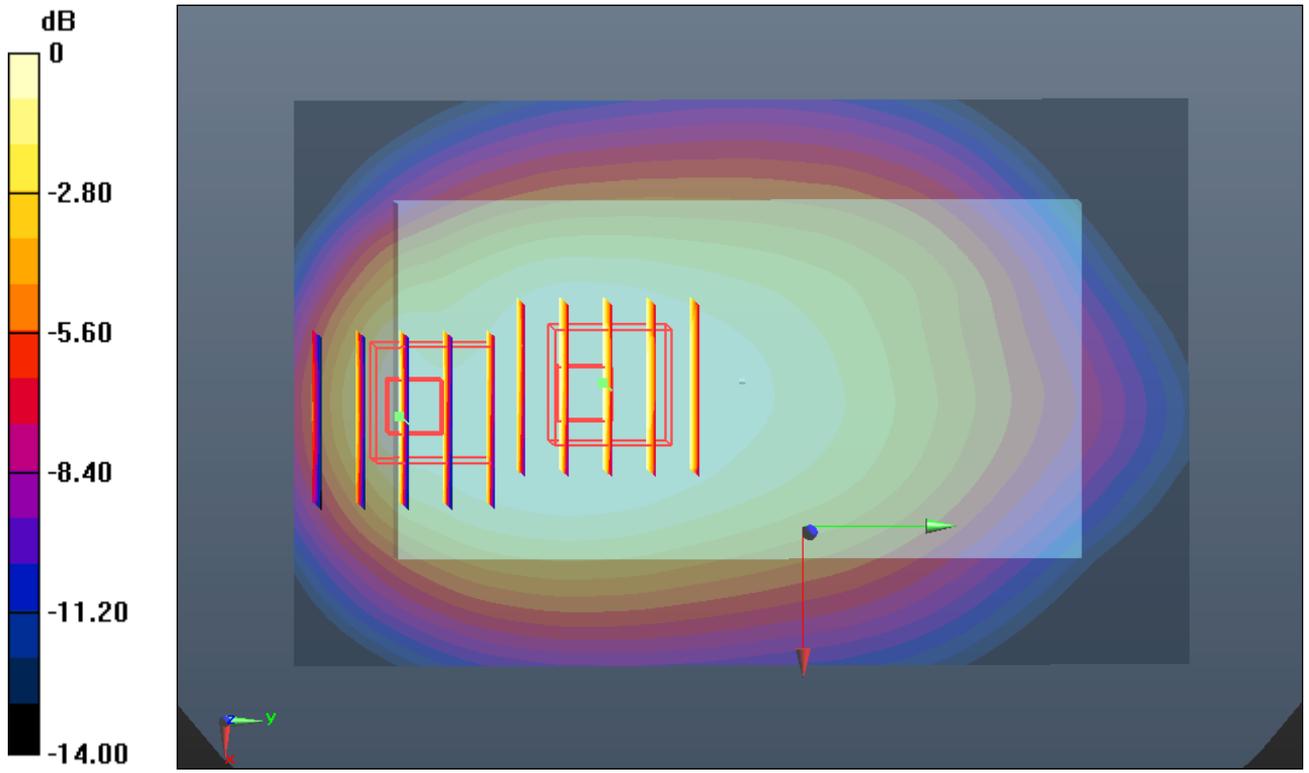
0 dB = 0.860mW/g

#157 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch384_Headset

DUT: 281701

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_120904 Medium parameters used: f = 837 MHz; σ = 0.979 mho/m; ε_r = 54.364;

ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.1 ℃

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)

Ch384/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.182 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.575 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.237 W/kg
SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.124 mW/g
Maximum value of SAR (measured) = 0.184 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.575 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.164 mW/g
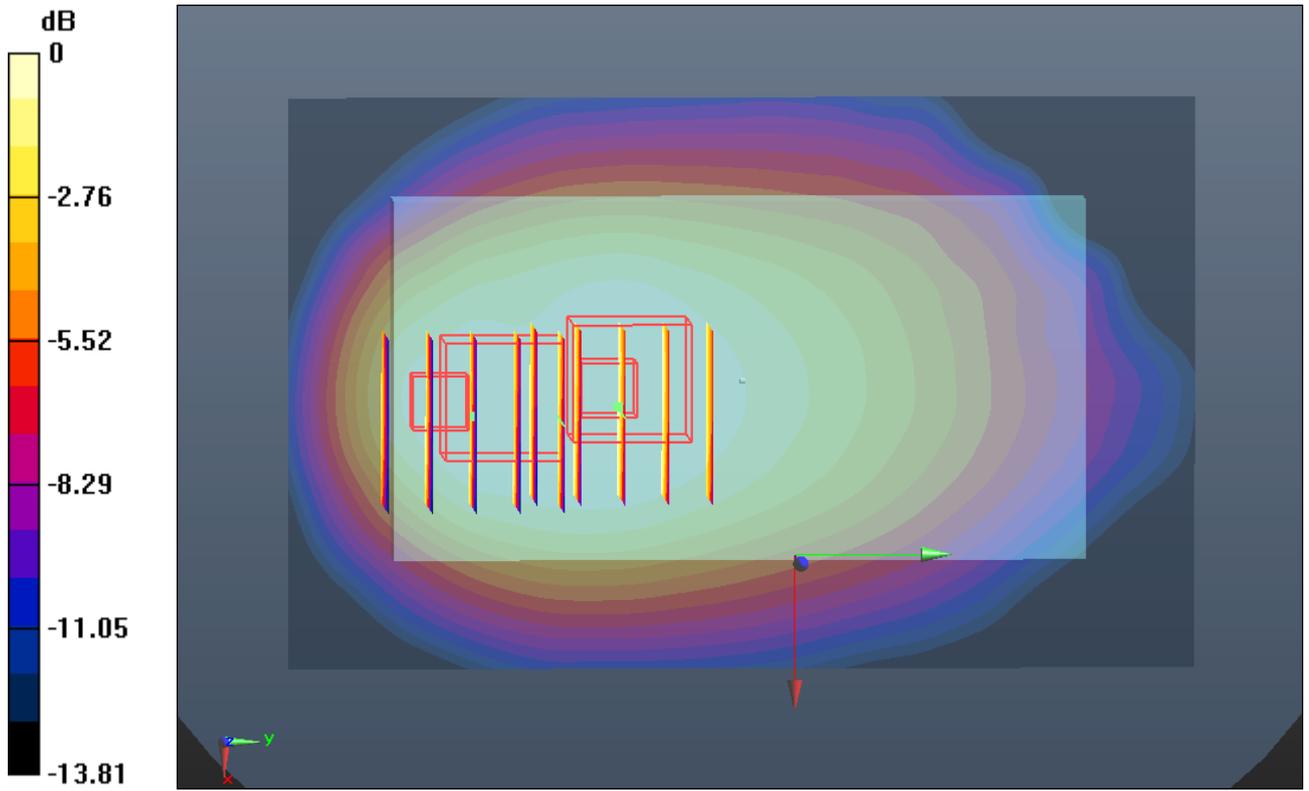
0 dB = 0.160mW/g

#112 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch1013_Headset

DUT: 281701

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 825 MHz; σ = 0.965 mho/m; ε_r = 54.352;

ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch1013/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.817 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.022 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.988 W/kg
SAR(1 g) = 0.780 mW/g; SAR(10 g) = 0.580 mW/g
Maximum value of SAR (measured) = 0.819 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.022 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.010 W/kg
SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.389 mW/g
Maximum value of SAR (measured) = 0.674 mW/g
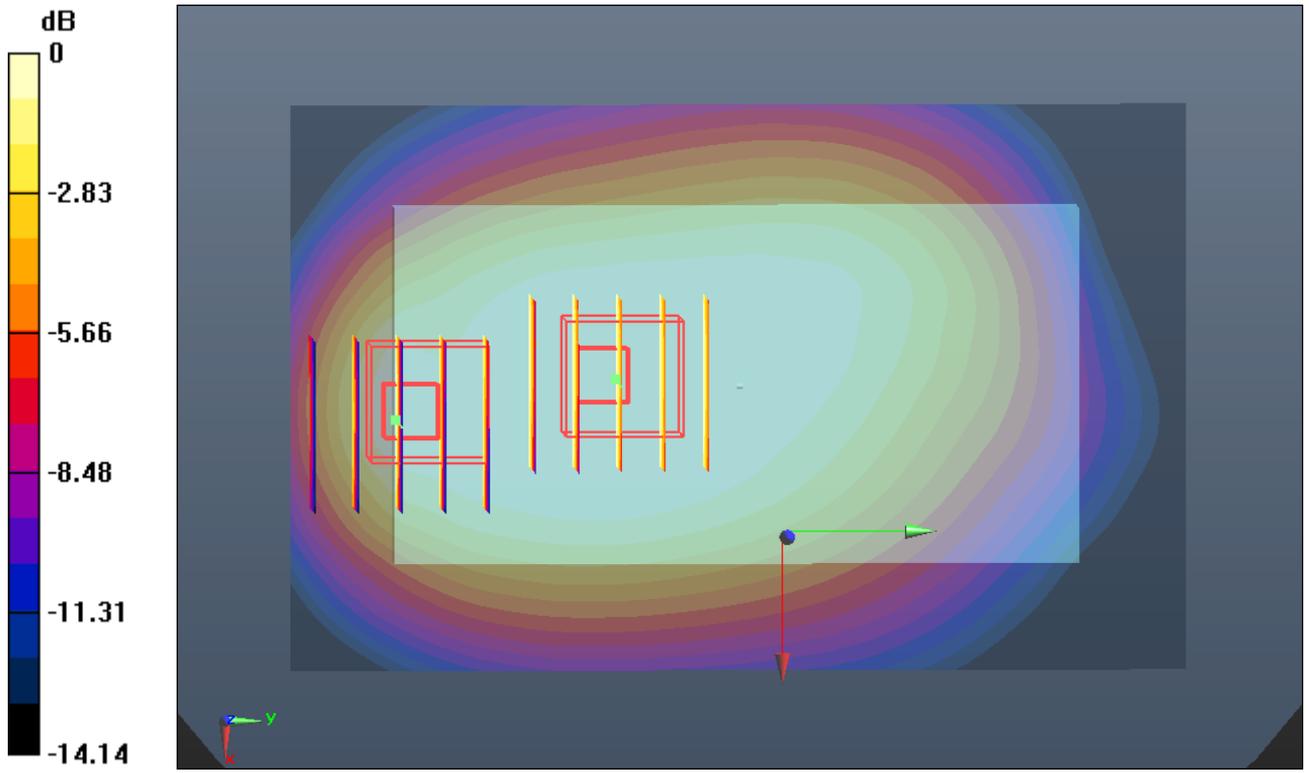
0 dB = 0.670mW/g

#113 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch777_Headset

DUT: 281701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 848.31 MHz; σ = 0.987 mho/m; ε_r =

54.162; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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) = 0.836 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.616 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.052 W/kg
SAR(1 g) = 0.793 mW/g; SAR(10 g) = 0.566 mW/g
Maximum value of SAR (measured) = 0.844 mW/g

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.616 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.311 W/kg
SAR(1 g) = 0.773 mW/g; SAR(10 g) = 0.454 mW/g
Maximum value of SAR (measured) = 0.864 mW/g

0 dB = 0.860mW/g

#52 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch1175

DUT: 281701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1909 MHz; σ = 1.536 mho/m; ε_r =

53.957; ρ = 1000 kg/m^3
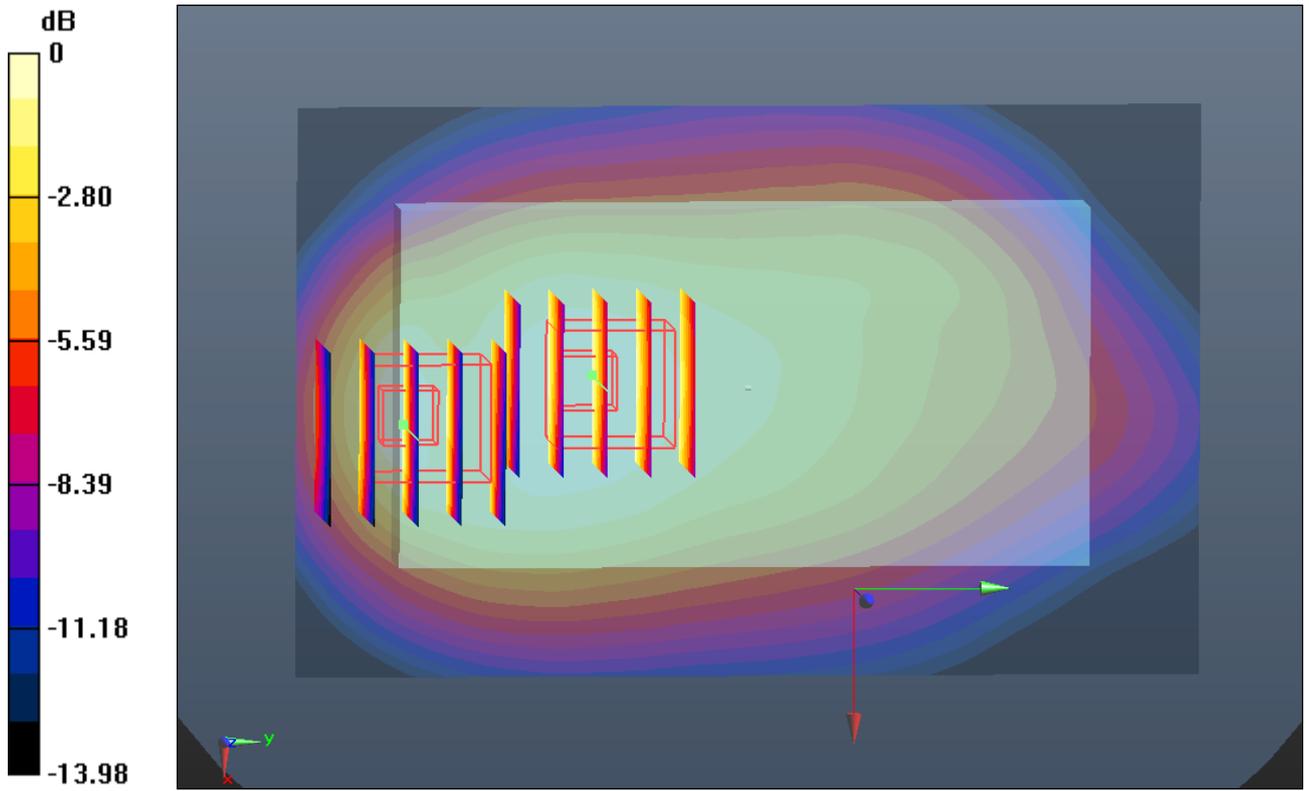Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 1.232 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.347 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.834 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.636 mW/g
Maximum value of SAR (measured) = 1.192 mW/g
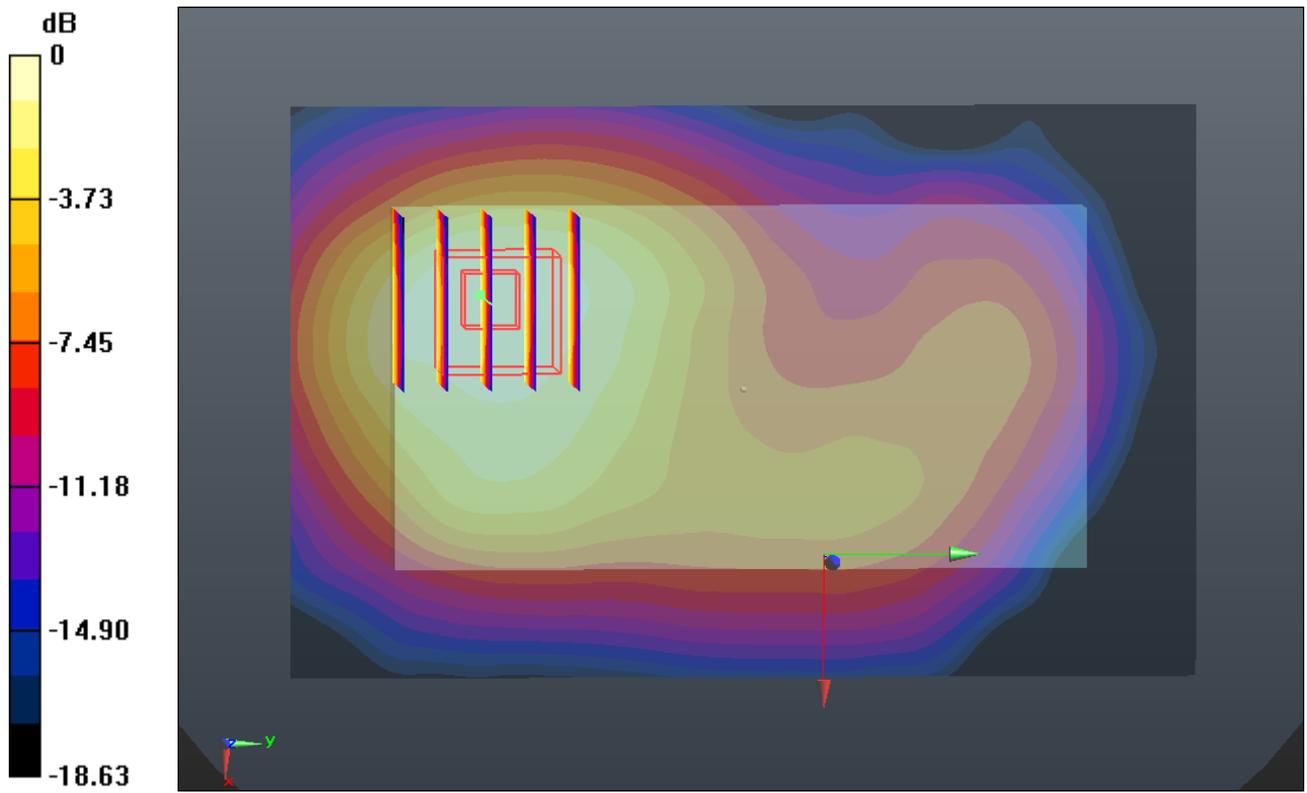
0 dB = 1.190mW/g

#139 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch25

DUT: 281701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1851.25 MHz; σ = 1.47 mho/m; ε_r =

54.078; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 1.172 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.727 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.736 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.620 mW/g
Maximum value of SAR (measured) = 1.157 mW/g
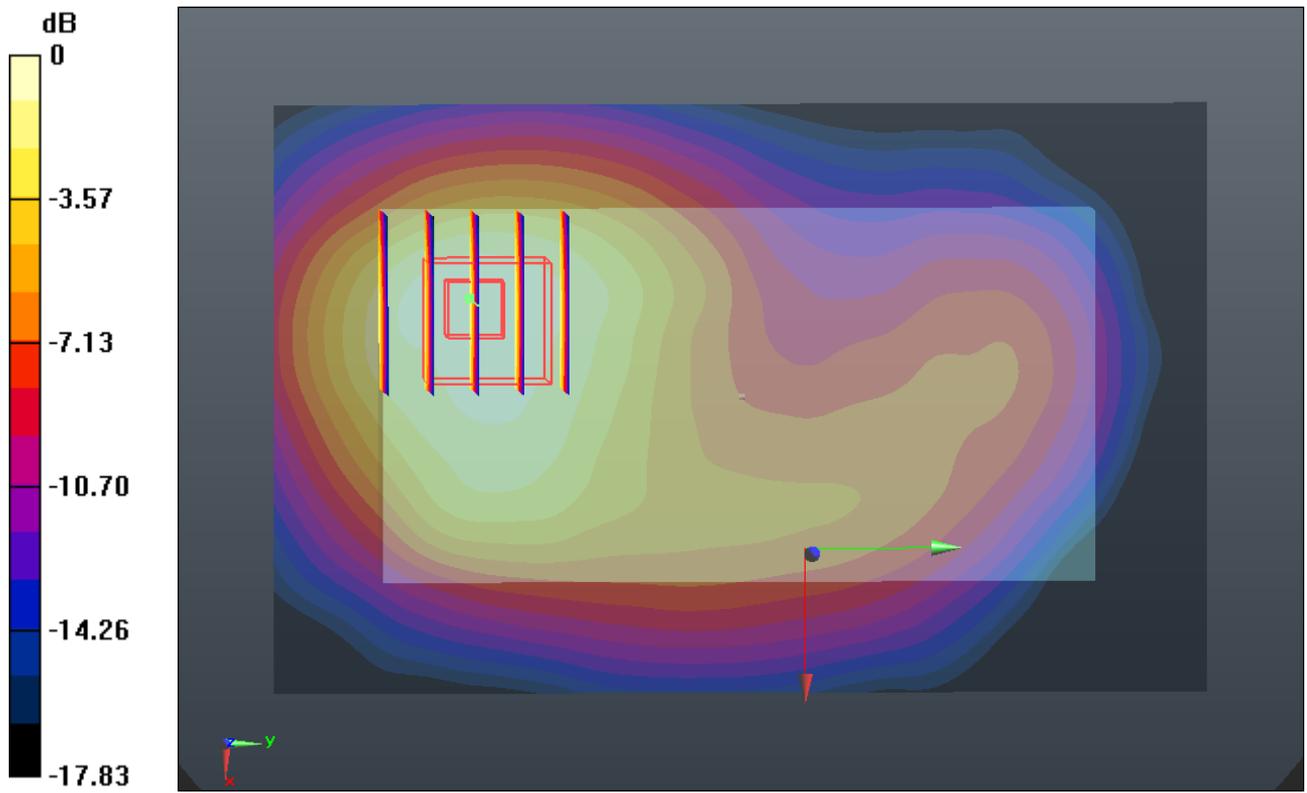
0 dB = 1.160mW/g

#140 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch600

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; $ε_r$ =

54.011; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 1.269 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.976 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.845 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.666 mW/g
Maximum value of SAR (measured) = 1.221 mW/g
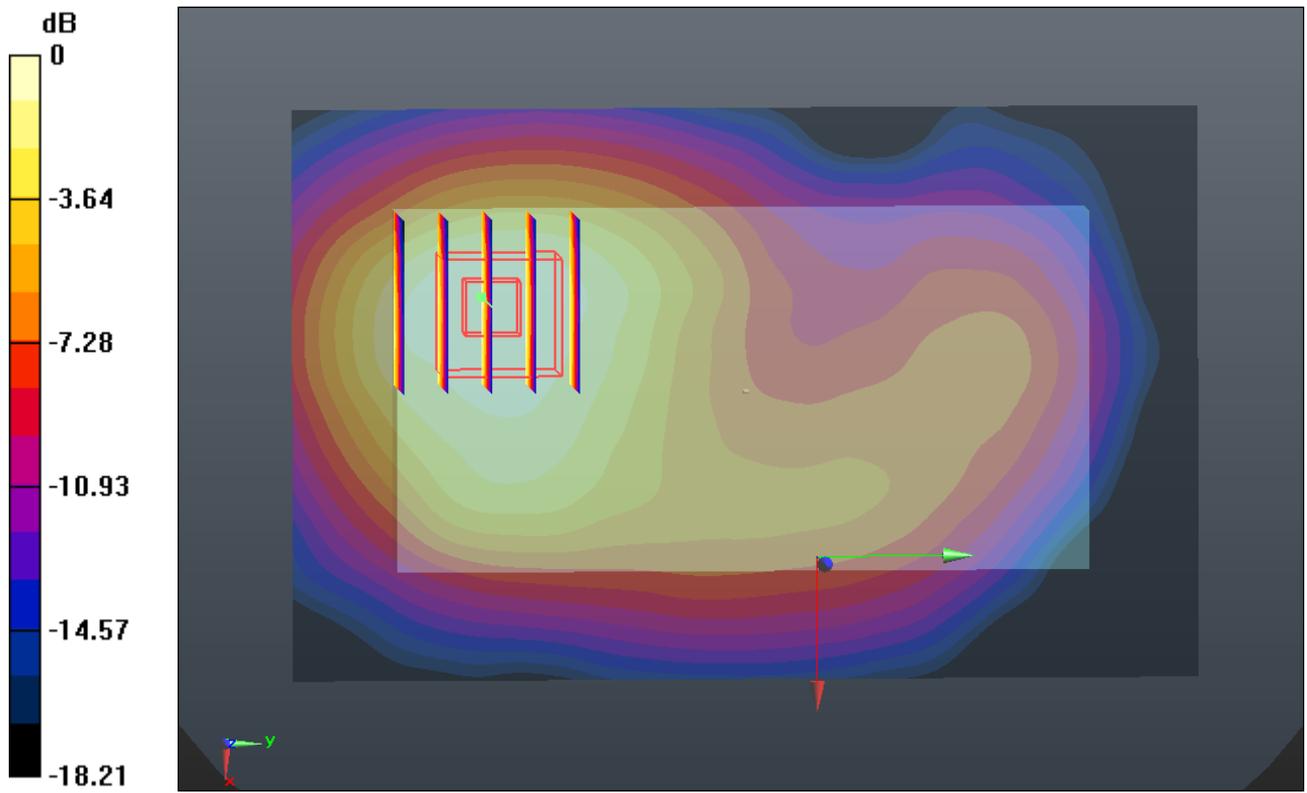
0 dB = 1.220mW/g

#159 CDMA2000 BC1_RC3 SO32_Front_1cm_Ch600

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r =

54.011; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 0.242 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.700 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.368 W/kg
SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.128 mW/g
Maximum value of SAR (measured) = 0.241 mW/g
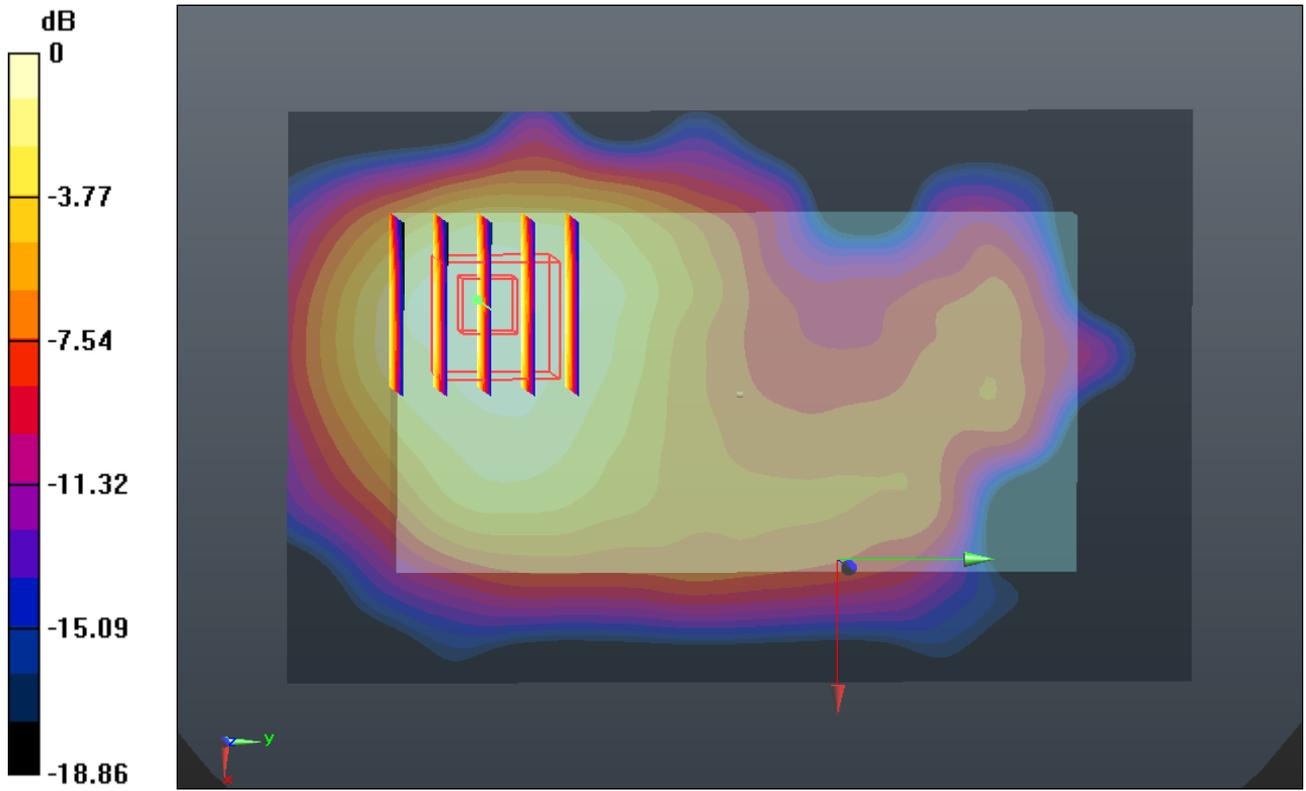
0 dB = 0.240mW/g

#53 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch1175

DUT: 281701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1909 MHz; σ = 1.536 mho/m; ε_r =

53.957; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 1.487 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.621 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.262 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.731 mW/g
Maximum value of SAR (measured) = 1.449 mW/g
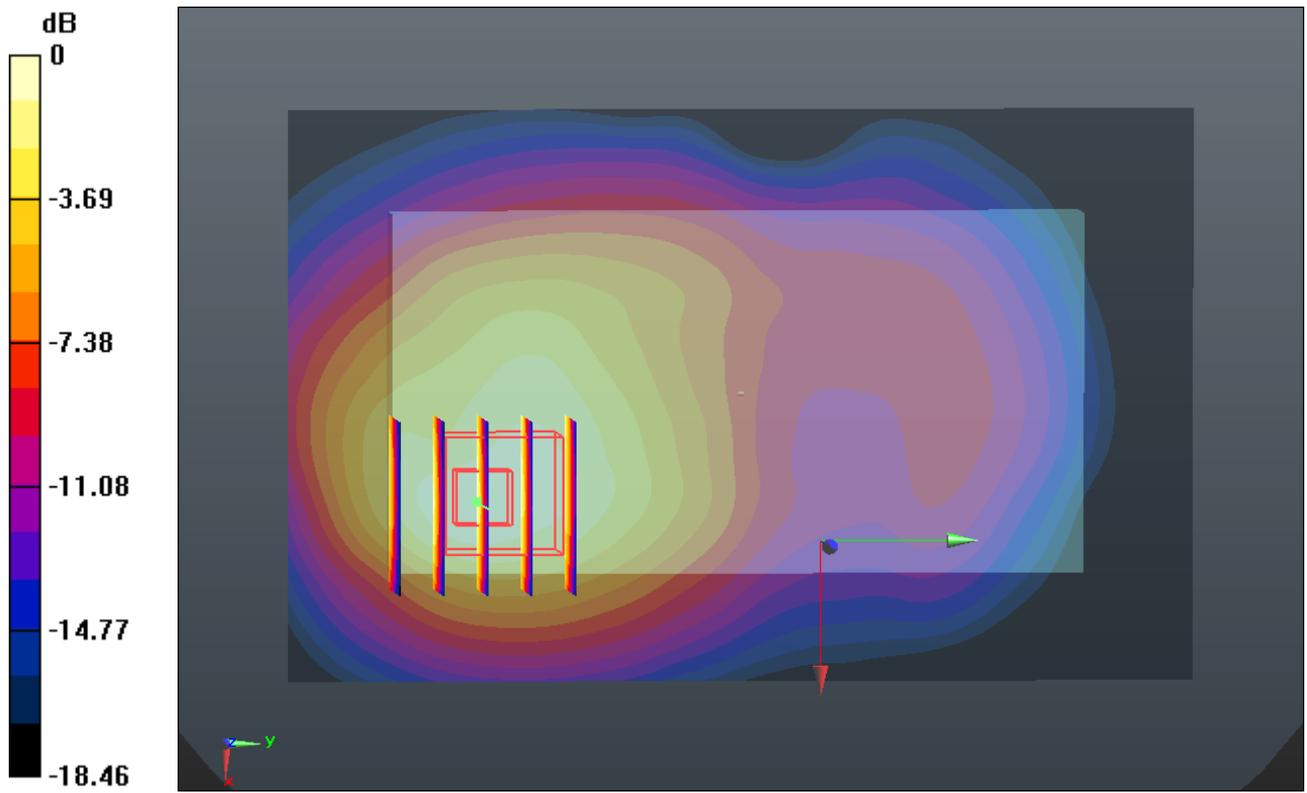
0 dB = 1.450mW/g

#137 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25

DUT: 281701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1851.25 MHz; σ = 1.47 mho/m; ε_r =

54.078; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 1.442 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.153 V/m; Power Drift = 0.00031 dB
Peak SAR (extrapolated) = 2.199 W/kg
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.727 mW/g
Maximum value of SAR (measured) = 1.420 mW/g
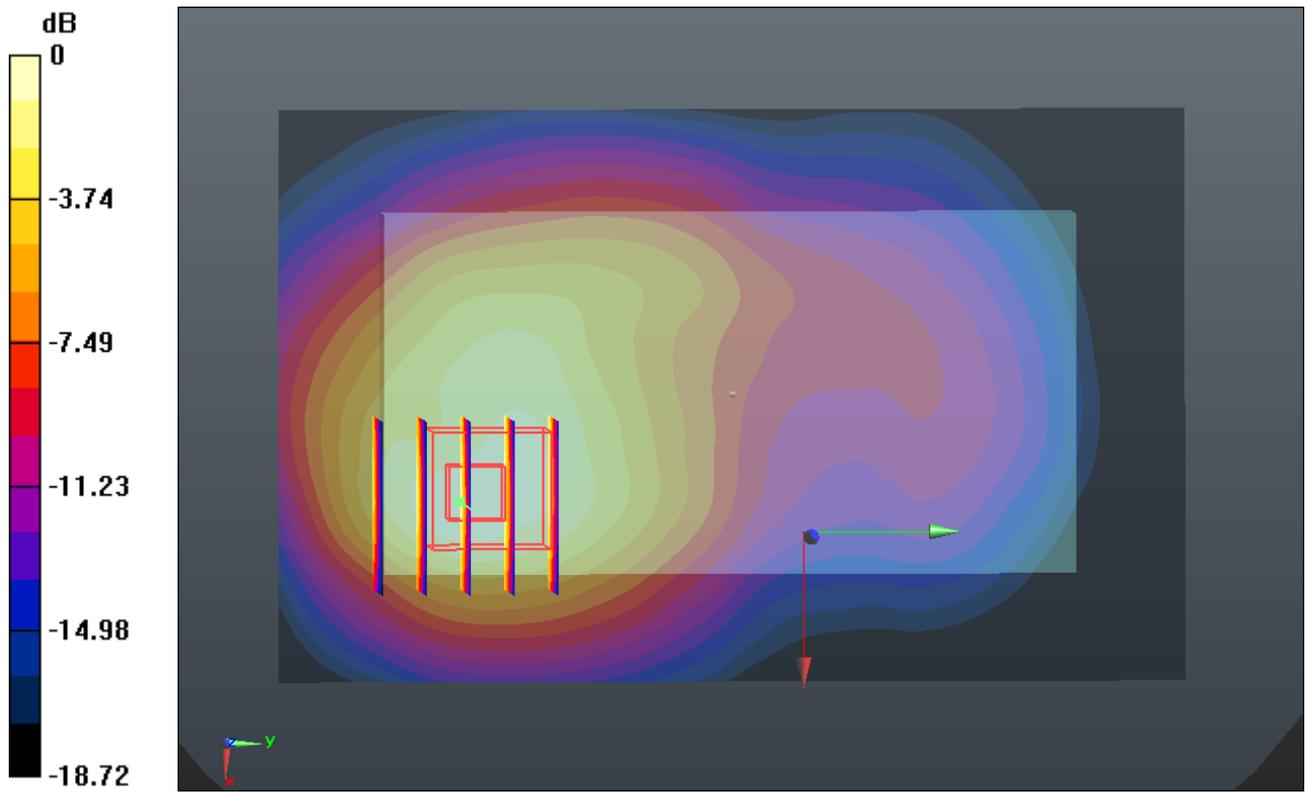
0 dB = 1.420mW/g

#138 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r =

54.011; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 1.535 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.333 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.342 W/kg
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.772 mW/g
Maximum value of SAR (measured) = 1.520 mW/g
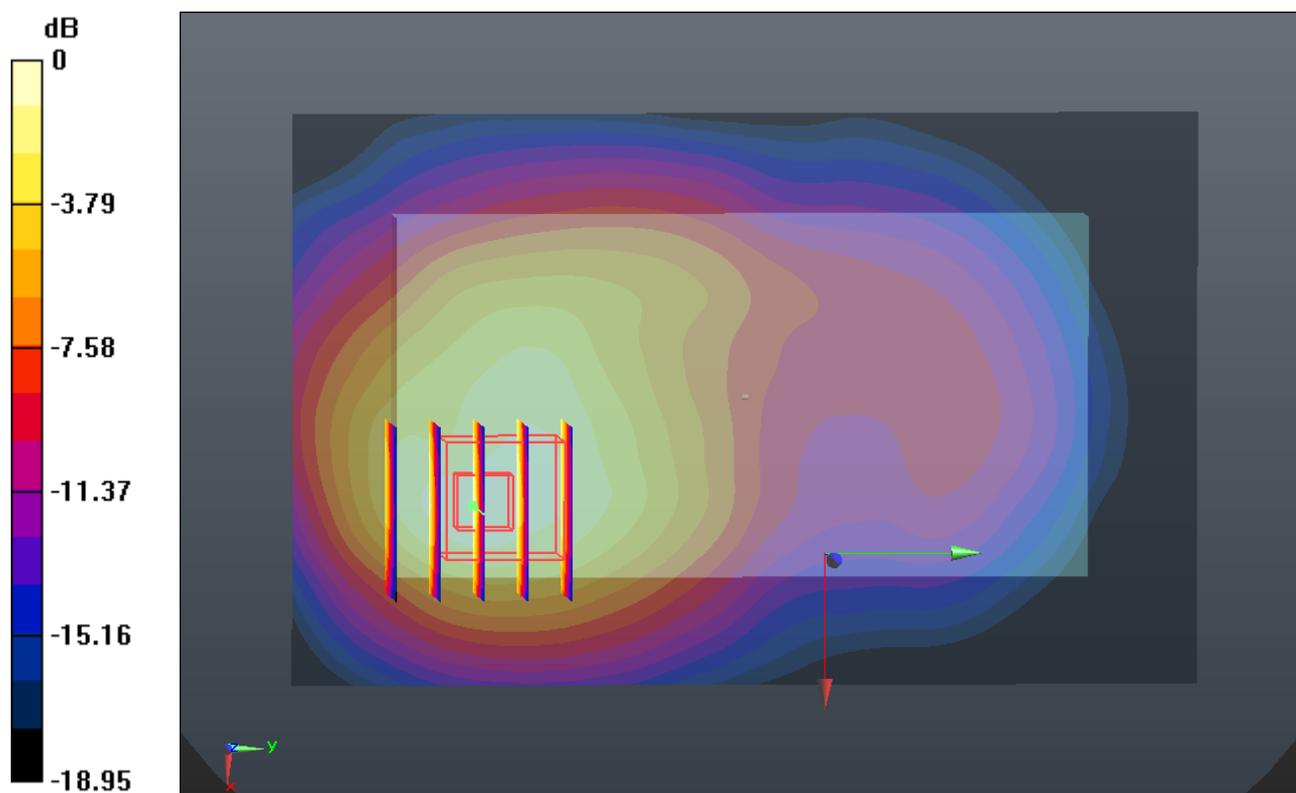
0 dB = 1.520mW/g

#160 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r =

54.011; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 0.287 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.296 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.447 W/kg
SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.145 mW/g
Maximum value of SAR (measured) = 0.284 mW/g
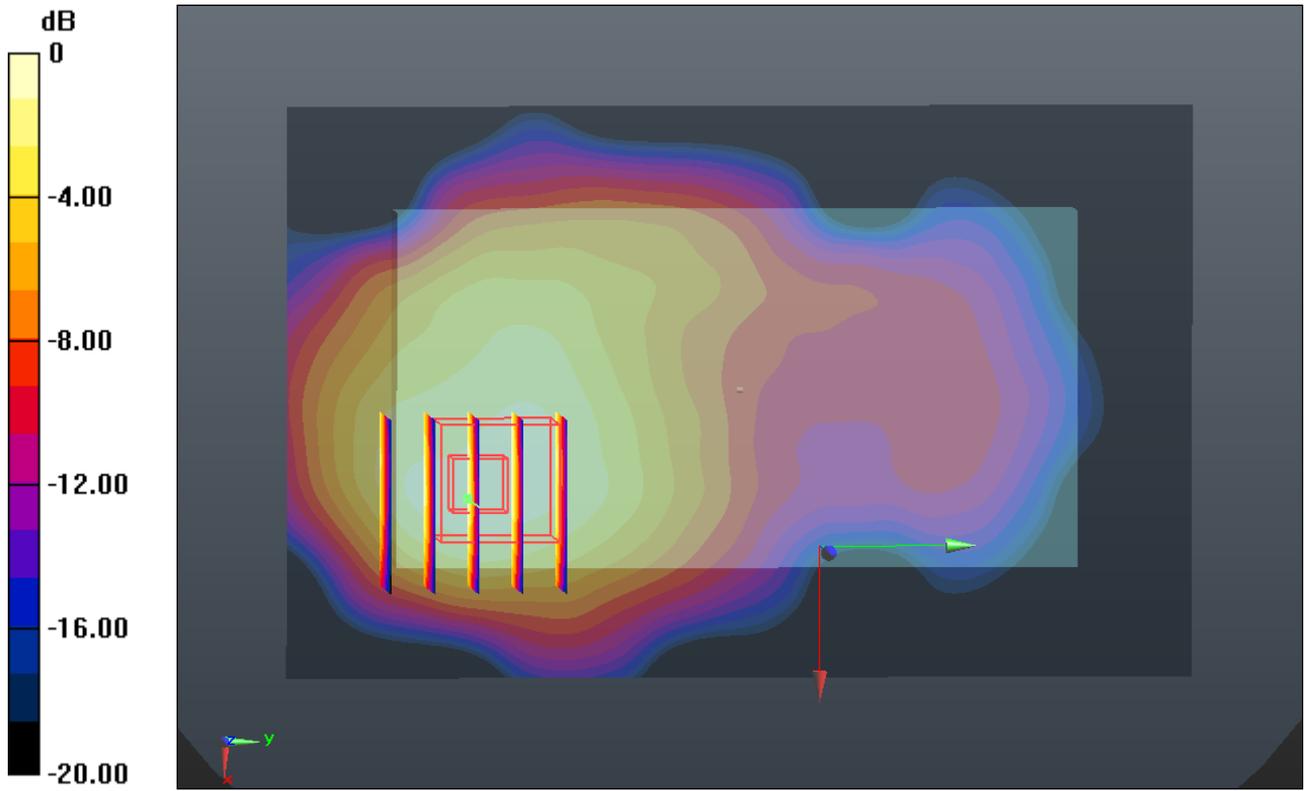
0 dB = 0.280mW/g

#57 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600_Headset

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r =

54.011; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 1.550 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.672 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.421 W/kg
SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.774 mW/g
Maximum value of SAR (measured) = 1.568 mW/g

0 dB = 1.570mW/g

#57 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600_Headset_2D

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r =

54.011; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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
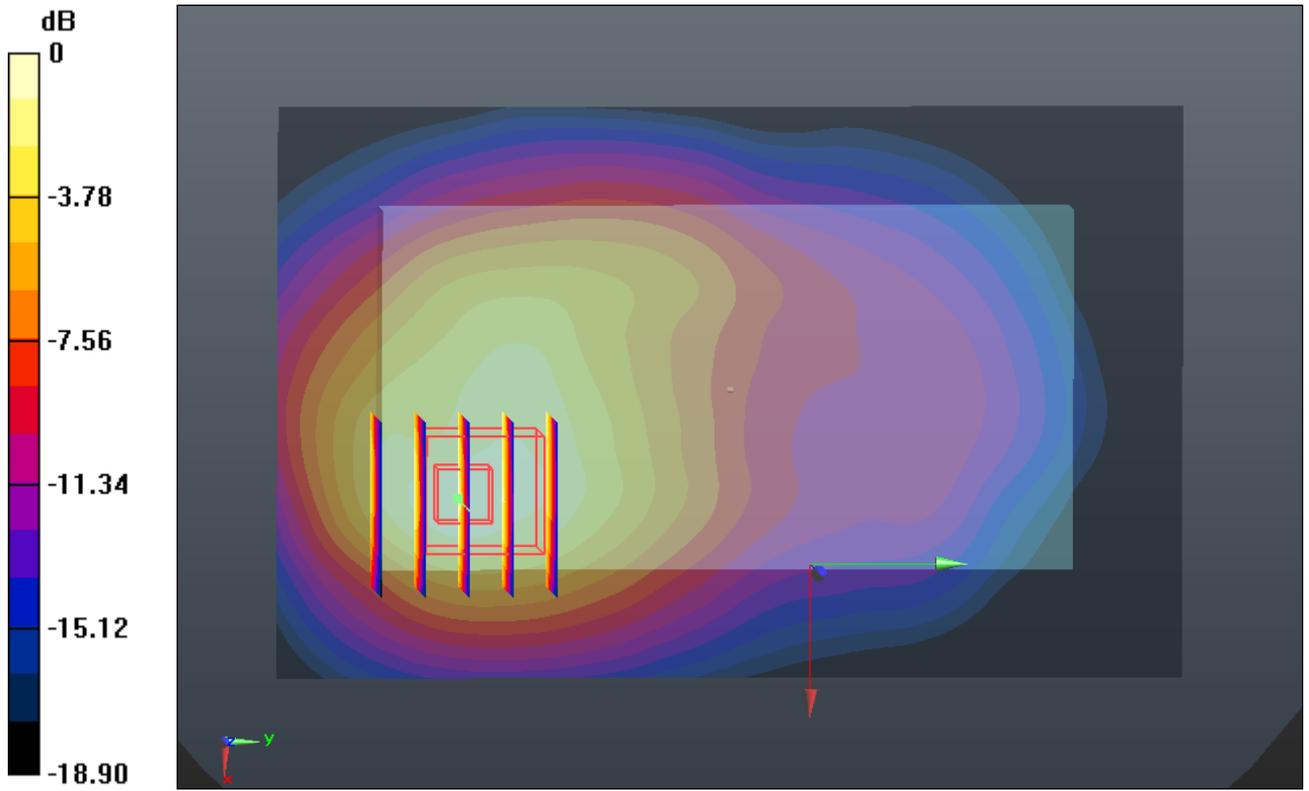Maximum value of SAR (interpolated) = 1.550 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.672 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.421 W/kg
SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.774 mW/g
Maximum value of SAR (measured) = 1.568 mW/g

#161 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600_Headset

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1880 MHz; σ = 1.507 mho/m; ε_r =

54.011; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 0.296 mW/g

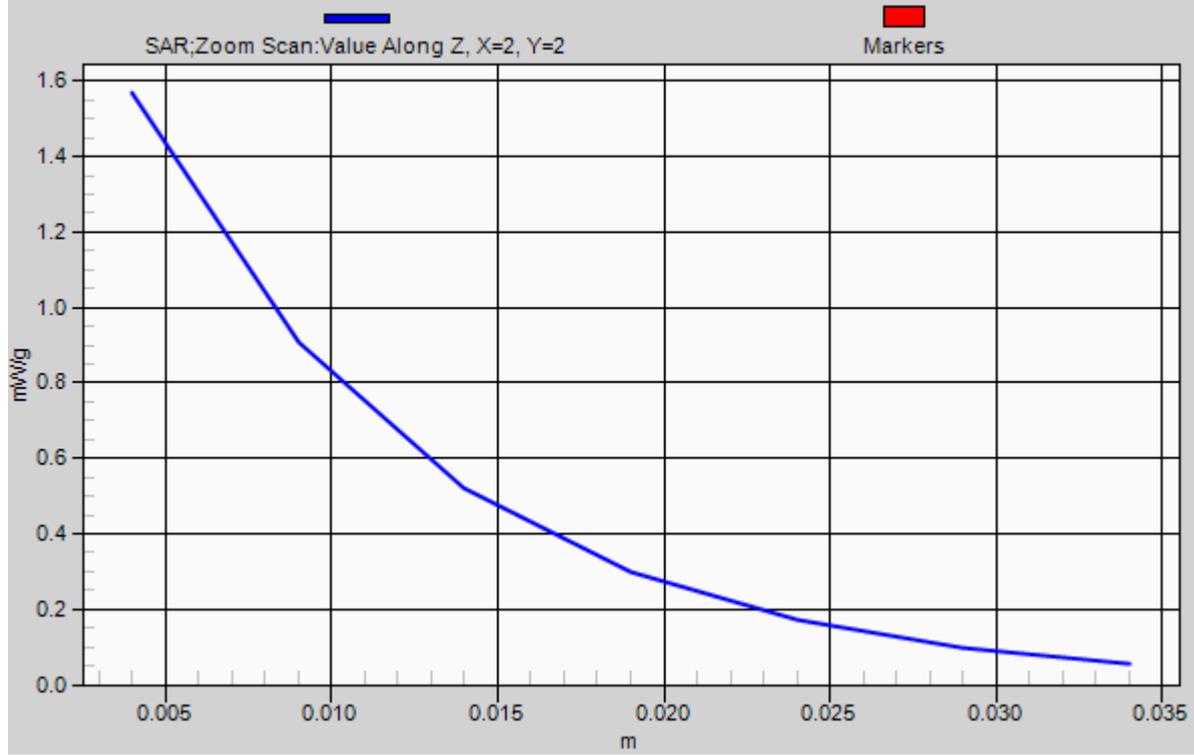**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.361 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.470 W/kg
SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.149 mW/g
Maximum value of SAR (measured) = 0.301 mW/g
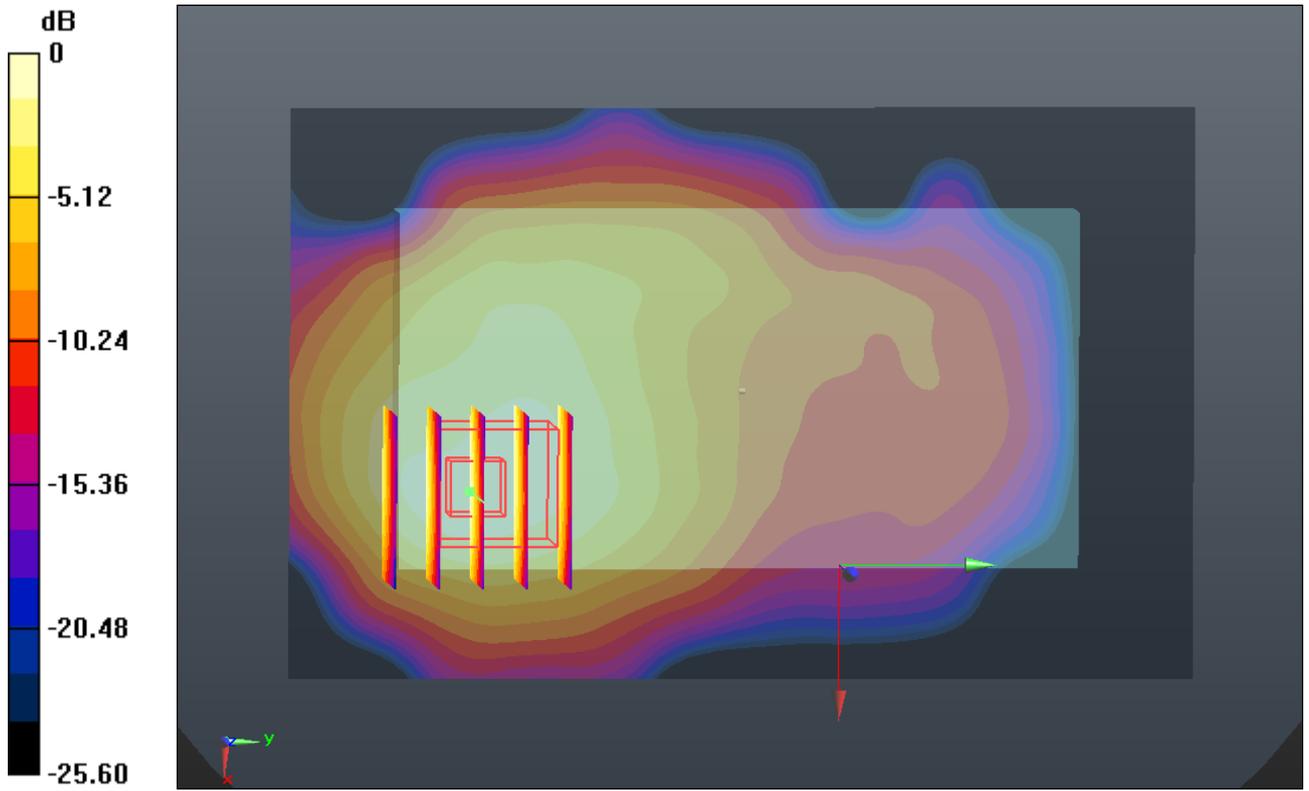
0 dB = 0.300mW/g

#141 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch25_Headset

DUT: 281701

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1851.25 MHz; σ = 1.47 mho/m; ε_r =

54.078; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 1.436 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.470 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.150 W/kg
SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.714 mW/g
Maximum value of SAR (measured) = 1.405 mW/g
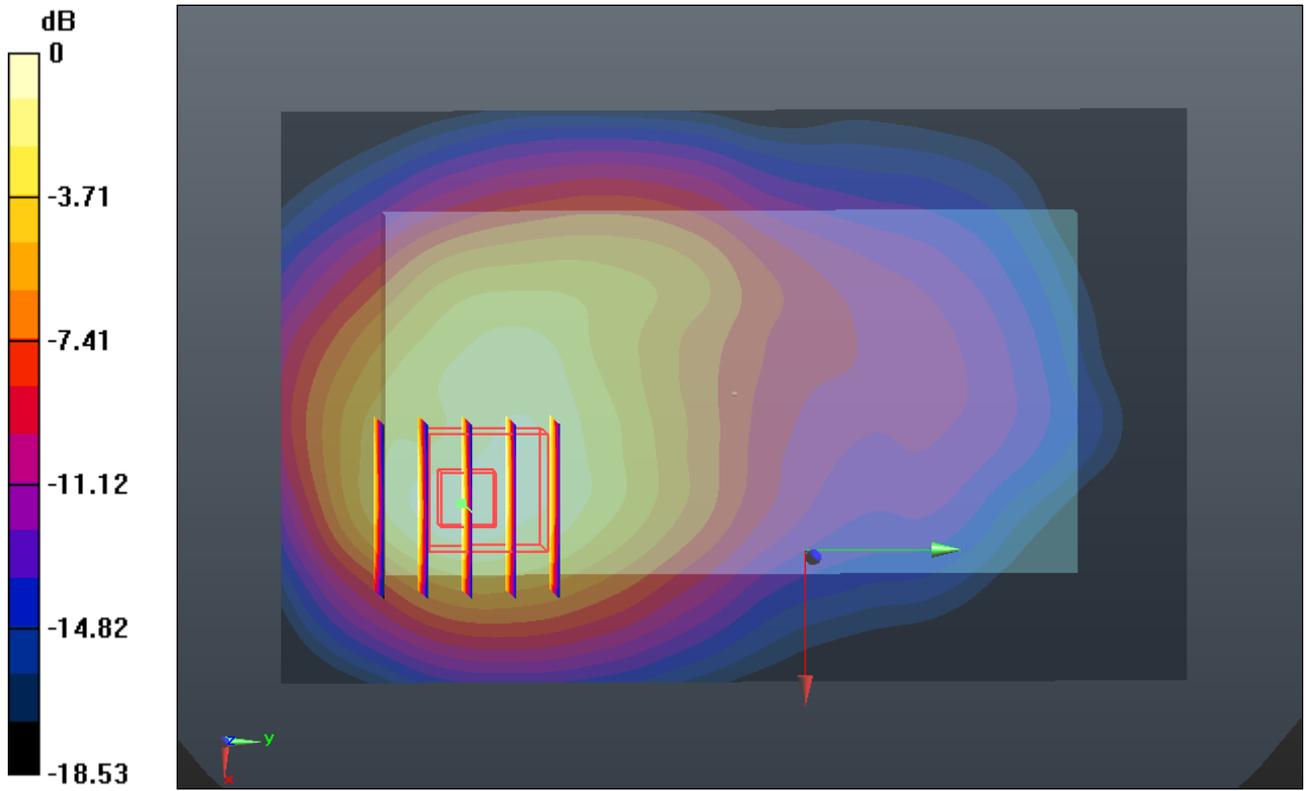
0 dB = 1.410mW/g

#142 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch1175_Headset

DUT: 281701

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1909 MHz; σ = 1.536 mho/m; ε$_r$ =

53.957; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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) = 1.516 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.792 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.347 W/kg
SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.757 mW/g
Maximum value of SAR (measured) = 1.507 mW/g

0 dB = 1.510mW/g
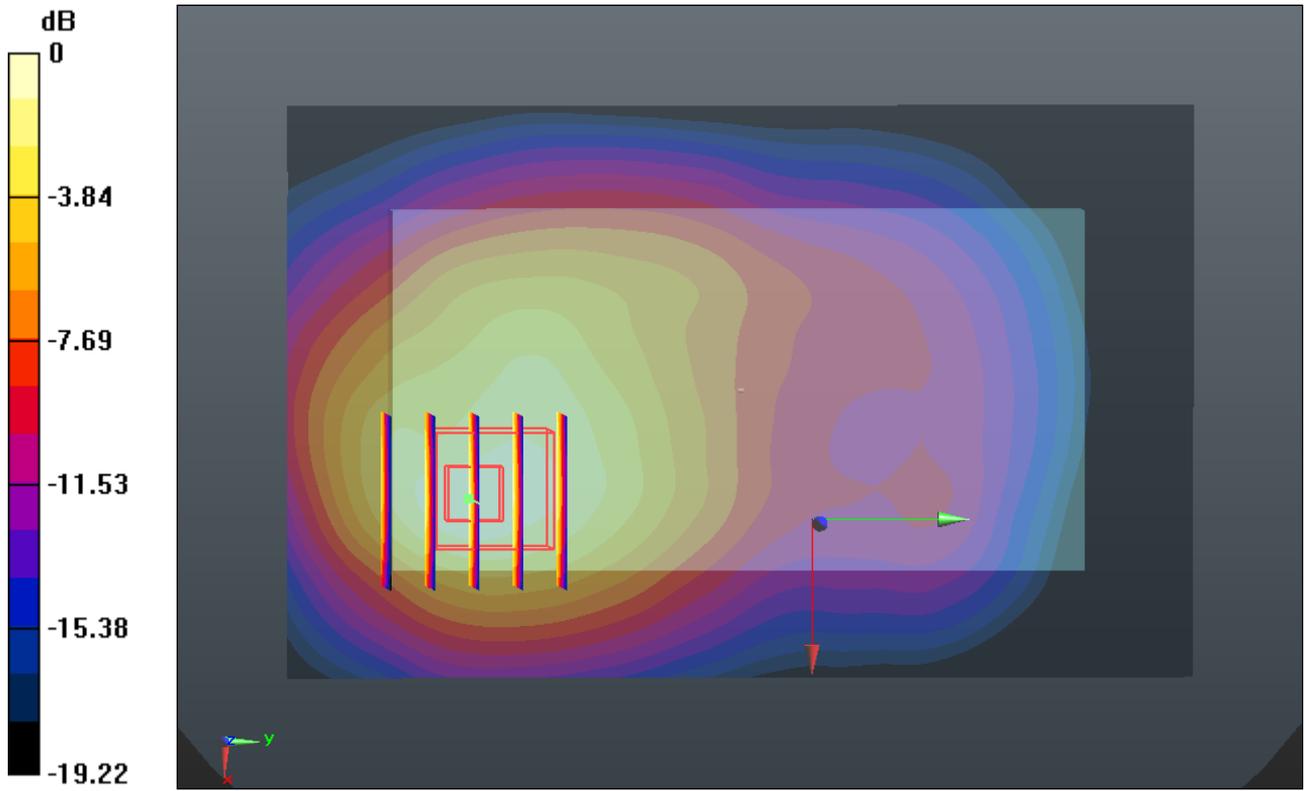
#63 CDMA2000 BC10_RC3 SO32_Front_1cm_Ch580

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 820.5 MHz; σ = 0.961 mho/m; ε_r =

54.394; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
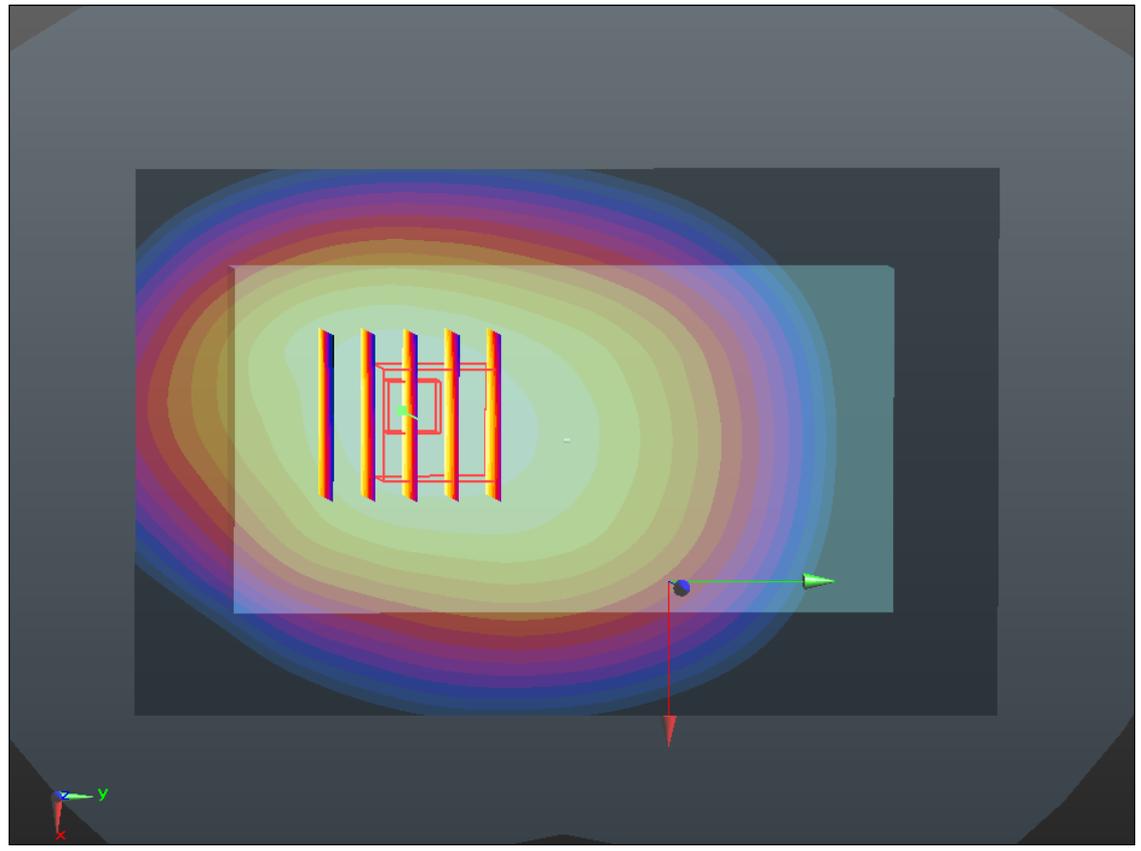Maximum value of SAR (interpolated) = 0.929 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.822 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.137 W/kg
SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.642 mW/g
Maximum value of SAR (measured) = 0.908 mW/g
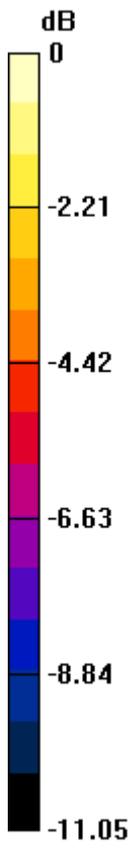
0 dB = 0.910mW/g

#80 CDMA2000 BC10_RC3 SO32_Front_1cm_Ch476

DUT: 281701

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 817.9 MHz; σ = 0.958 mho/m; ε_r =

54.417; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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) = 0.727 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.911 V/m; Power Drift = 0.0096 dB
Peak SAR (extrapolated) = 0.900 W/kg
SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.507 mW/g
Maximum value of SAR (measured) = 0.725 mW/g
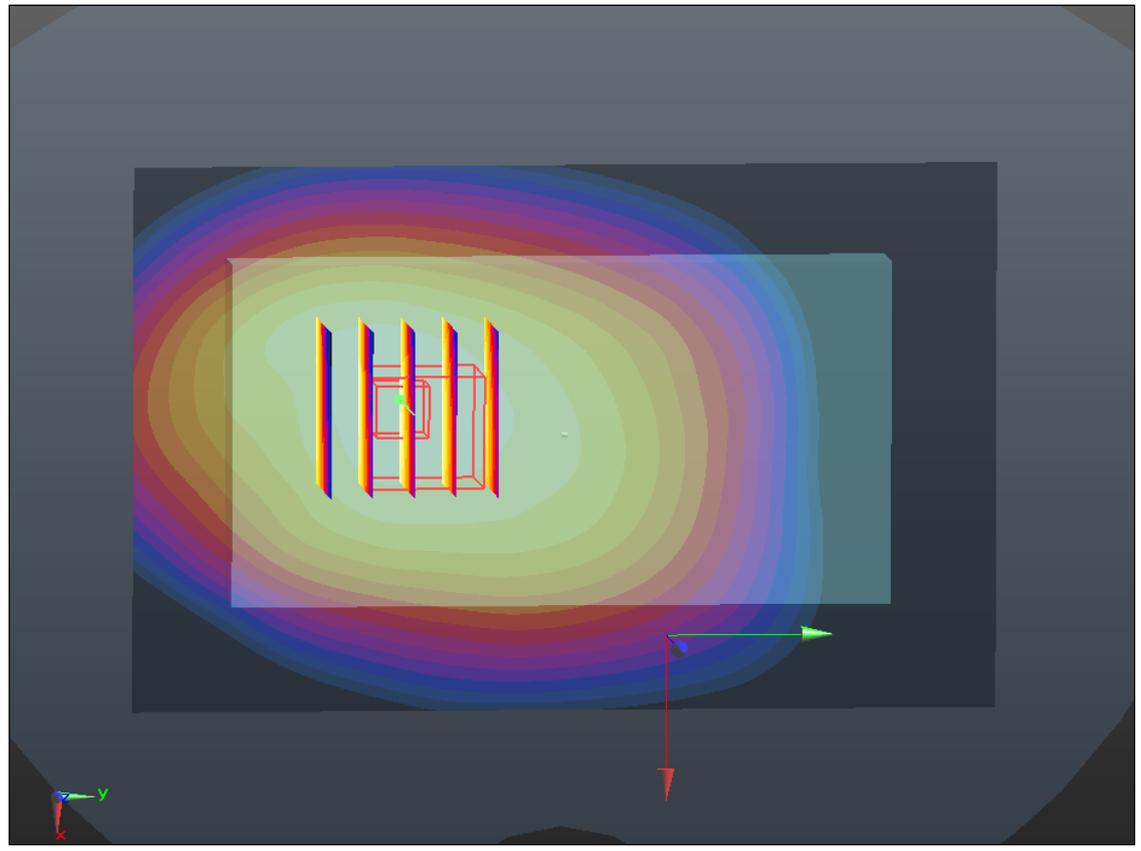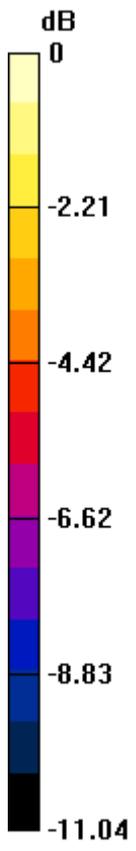
0 dB = 0.730mW/g

#81 CDMA2000 BC10_RC3 SO32_Front_1cm_Ch684

DUT: 281701

Communication System: CDMA2000; Frequency: 823.1 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 823.1 MHz; σ = 0.963 mho/m; ε_r =

54.37; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch684/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.867 mW/g

Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.462 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.052 W/kg
SAR(1 g) = 0.830 mW/g; SAR(10 g) = 0.630 mW/g
Maximum value of SAR (measured) = 0.871 mW/g

0 dB = 0.870mW/g

#64 CDMA2000 BC10_RC3 SO32_Back_1cm_Ch580

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 820.5 MHz; σ = 0.961 mho/m; ε_r =

54.394; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.293 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.033 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.581 W/kg
SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.890 mW/g
Maximum value of SAR (measured) = 1.273 mW/g

0 dB = 1.270mW/g

#64 CDMA2000 BC10_RC3 SO32_Back_1cm_Ch580_2D

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 820.5 MHz; σ = 0.961 mho/m; ε_r =

54.394; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
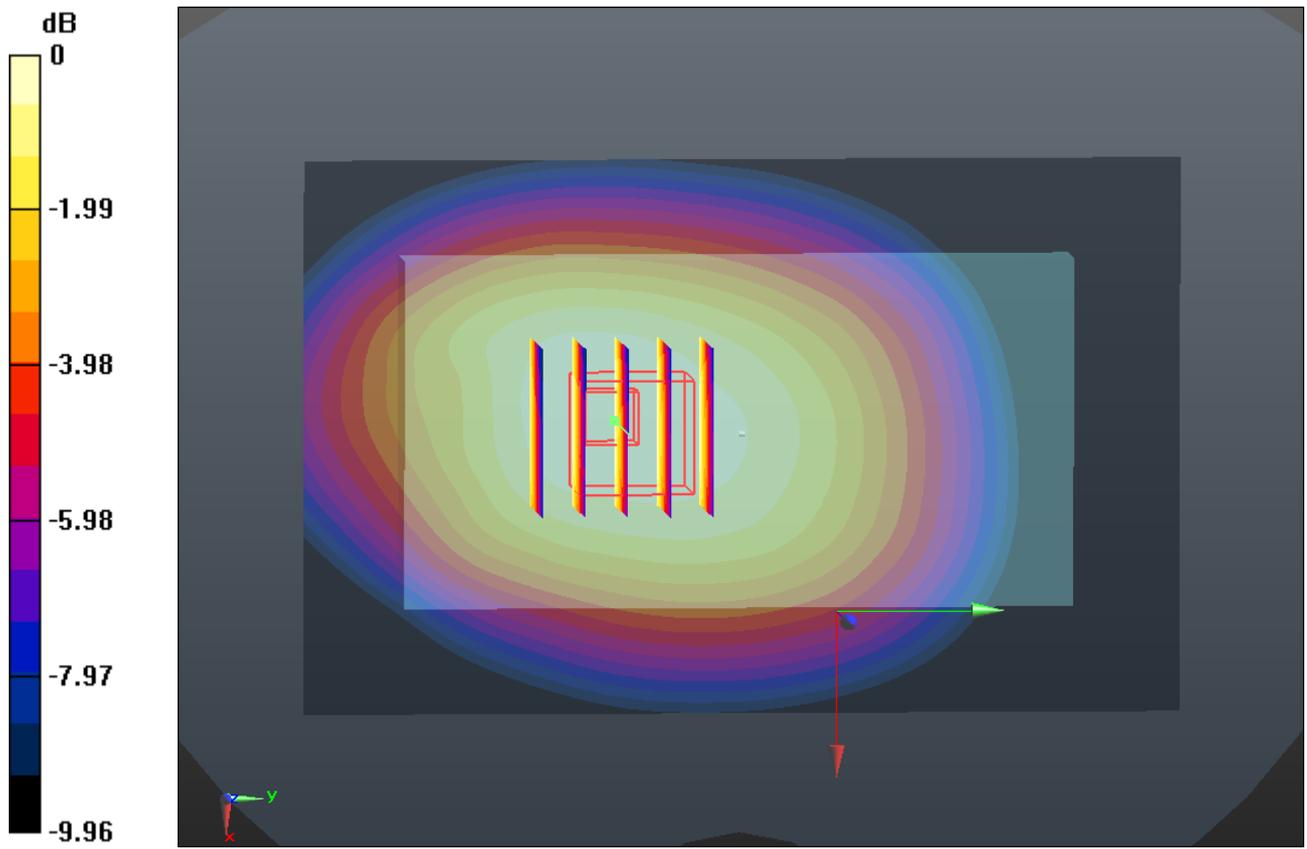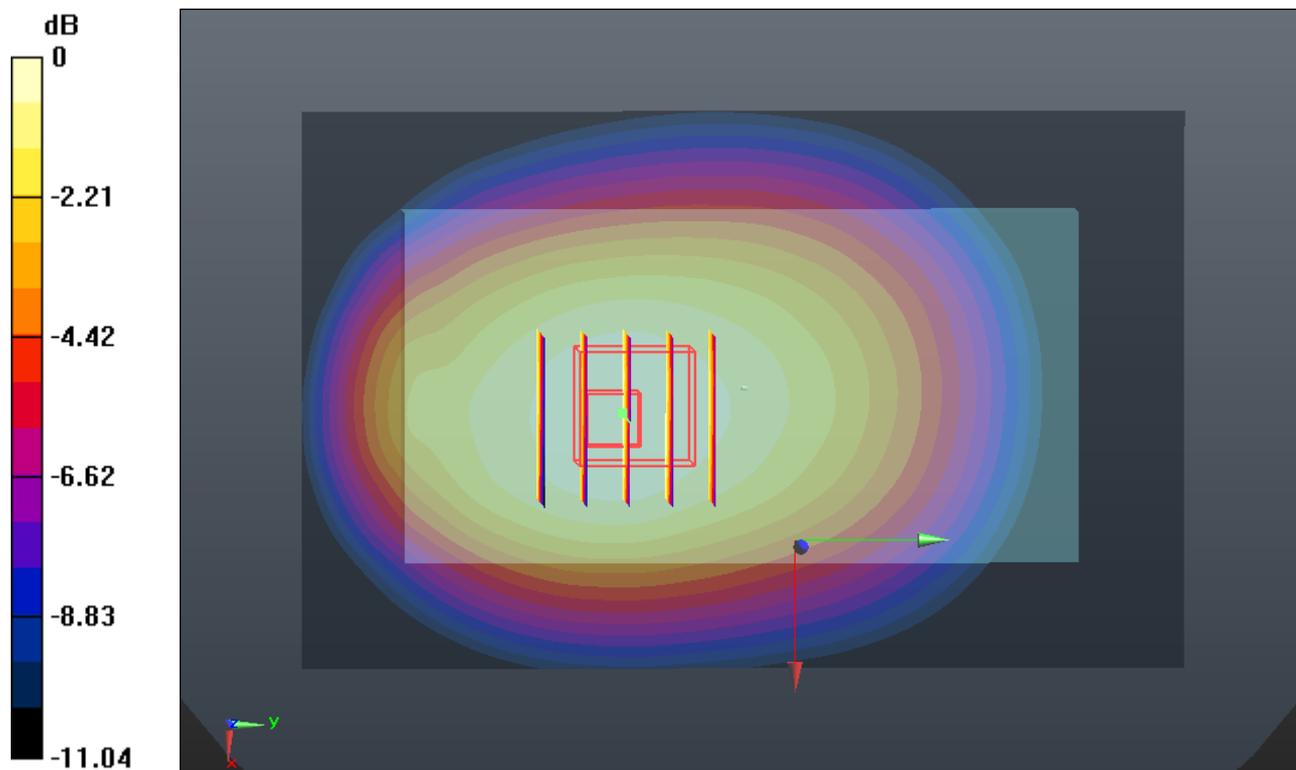Maximum value of SAR (interpolated) = 1.293 mW/g

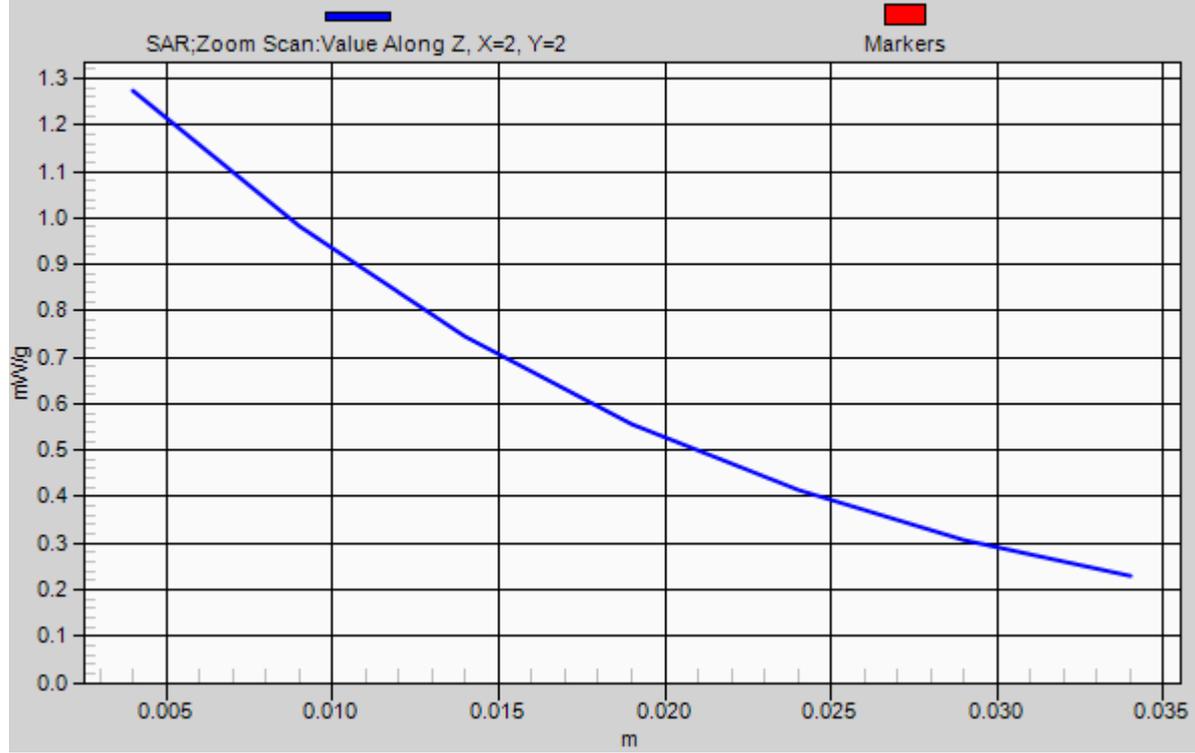**Ch580/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.033 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.581 W/kg
SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.890 mW/g
Maximum value of SAR (measured) = 1.273 mW/g

1g/10g Averaged SAR

#162 CDMA2000 BC10_RC3 SO32_Back_1cm_Ch580

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1
Medium: MSL_835_120904 Medium parameters used: f = 820.5 MHz; σ = 0.963 mho/m; ε_r =

54.494; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.1 ℃

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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.228 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.511 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.289 W/kg
SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.156 mW/g
Maximum value of SAR (measured) = 0.227 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.511 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.290 W/kg
SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.115 mW/g
Maximum value of SAR (measured) = 0.211 mW/g
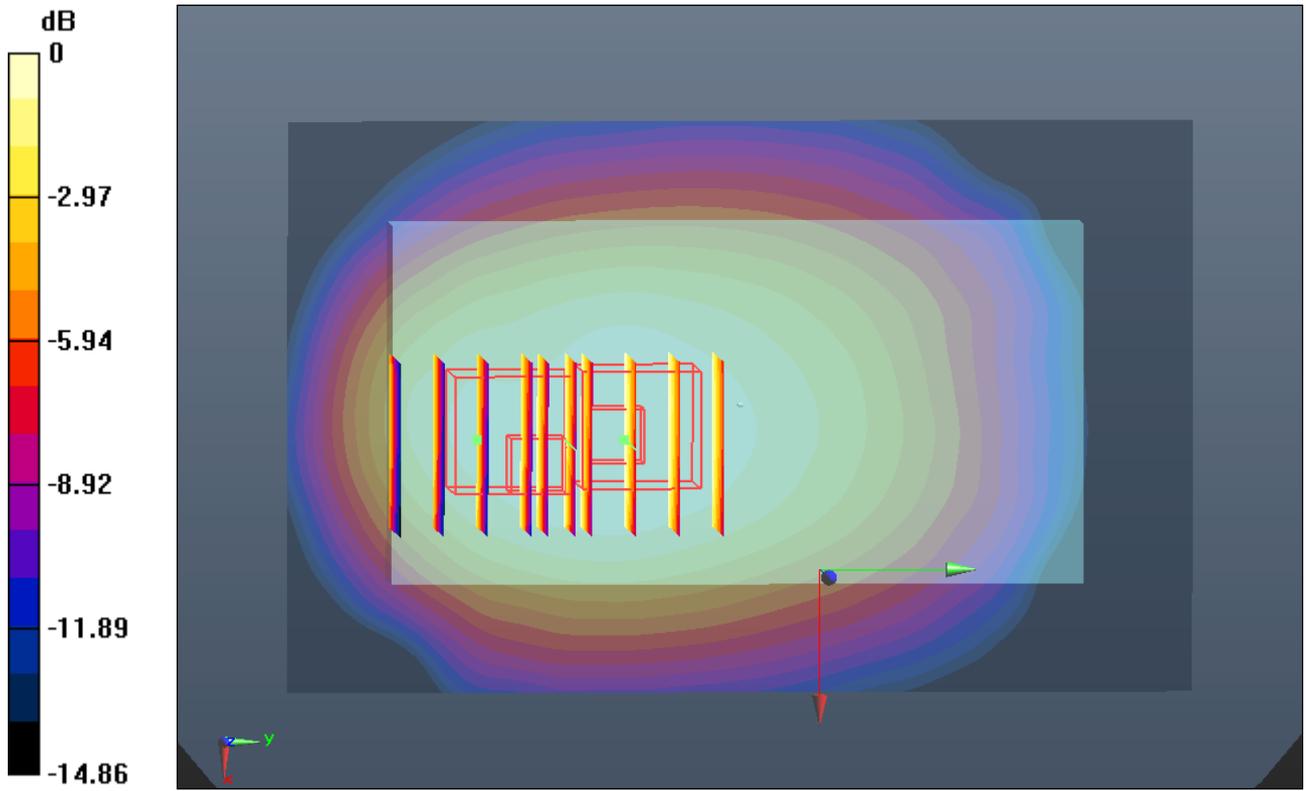
0 dB = 0.210mW/g

#114 CDMA2000 BC10_RC3 SO32_Back_1cm_Ch476

DUT: 281701

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 817.9 MHz; σ = 0.958 mho/m; ε_r =

54.417; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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) = 1.280 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.422 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.568 W/kg
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.884 mW/g
Maximum value of SAR (measured) = 1.253 mW/g
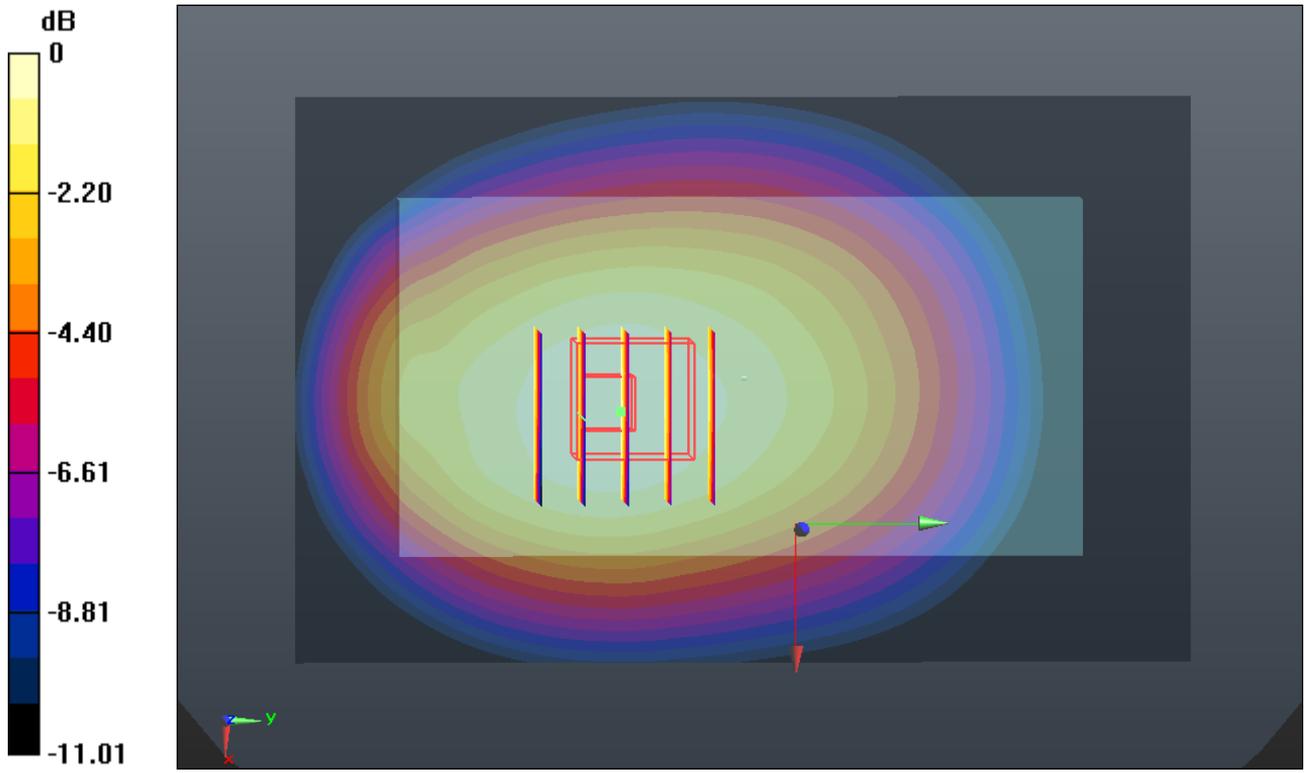
0 dB = 1.250mW/g

#115 CDMA2000 BC10_RC3 SO32_Back_1cm_Ch684

DUT: 281701

Communication System: CDMA2000; Frequency: 823.1 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 823.1 MHz; σ = 0.963 mho/m; ε_r =

54.37; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch684/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.069 mW/g

Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.699 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.328 W/kg
SAR(1 g) = 0.999 mW/g; SAR(10 g) = 0.738 mW/g
Maximum value of SAR (measured) = 1.044 mW/g
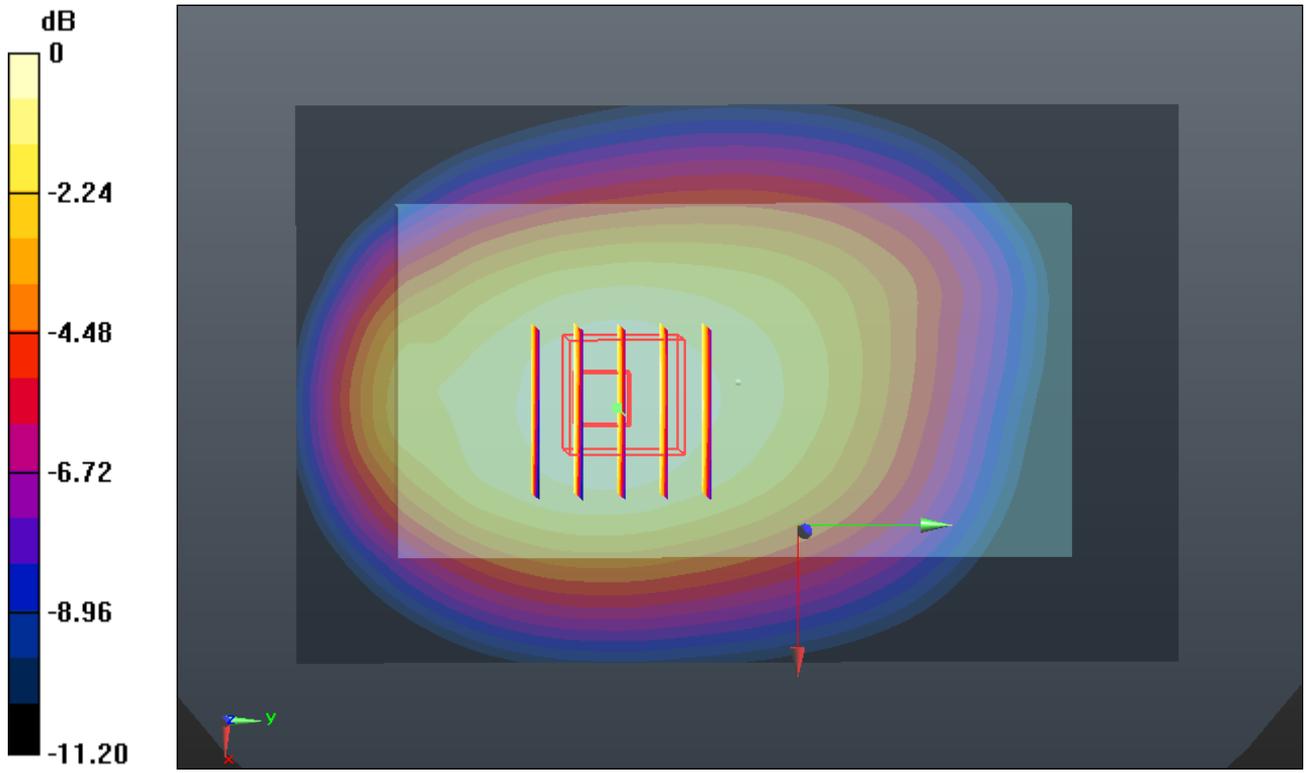
0 dB = 1.040mW/g

#68 CDMA2000 BC10_RC3 SO32_Back_1cm_Ch580_Headset

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 820.5 MHz; σ = 0.961 mho/m; ε_r =

54.394; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.910 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.236 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.147 W/kg
SAR(1 g) = 0.858 mW/g; SAR(10 g) = 0.621 mW/g
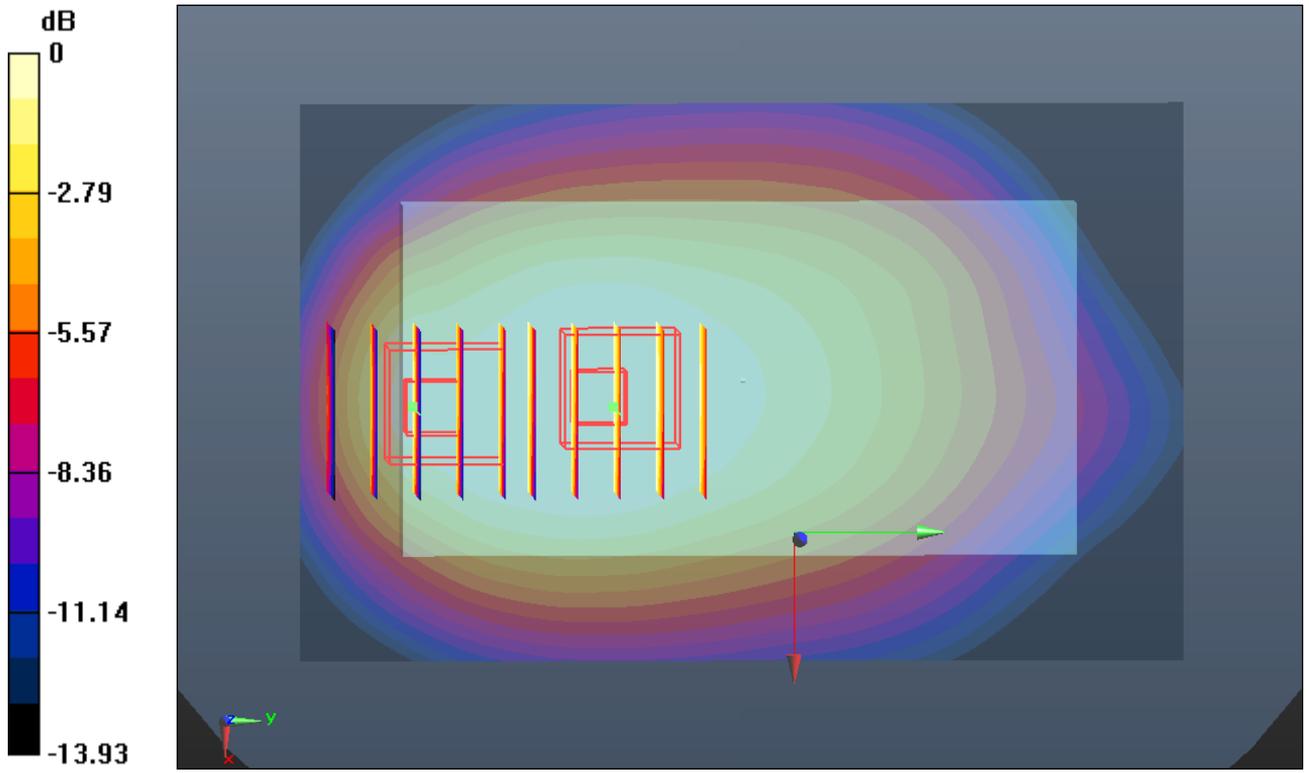Maximum value of SAR (measured) = 0.900 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.236 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.161 W/kg
SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.444 mW/g
Maximum value of SAR (measured) = 0.769 mW/g

0 dB = 0.770mW/g

#164 CDMA2000 BC10_RC3 SO32_Back_1cm_Ch580_Headset

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_120904 Medium parameters used: f = 820.5 MHz; σ = 0.963 mho/m; ε_r = 54.494; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.1 ℃

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)

Ch580/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.175 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.434 V/m; Power Drift = 0.00085 dB
Peak SAR (extrapolated) = 0.226 W/kg
SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.118 mW/g
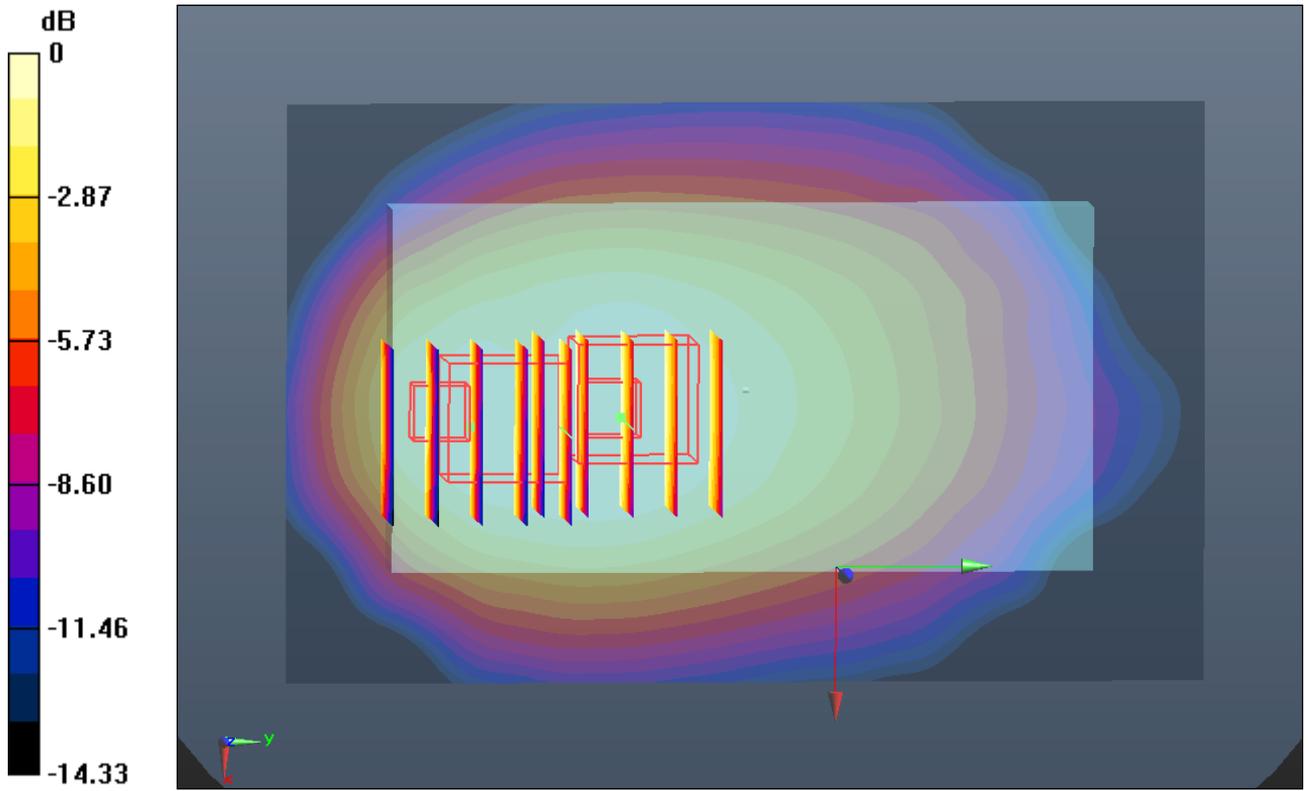Maximum value of SAR (measured) = 0.175 mW/g

Ch580/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.434 V/m; Power Drift = 0.00085 dB
Peak SAR (extrapolated) = 0.229 W/kg
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.089 mW/g
Maximum value of SAR (measured) = 0.158 mW/g

0 dB = 0.160mW/g

#116 CDMA2000 BC10_RC3 SO32_Back_1cm_Ch476_Headset

DUT: 281701

Communication System: CDMA2000; Frequency: 817.9 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 817.9 MHz; σ = 0.958 mho/m; ε_r =

54.417; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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) = 0.760 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.154 V/m; Power Drift = 0.0025 dB
Peak SAR (extrapolated) = 1.003 W/kg
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.533 mW/g
Maximum value of SAR (measured) = 0.776 mW/g

Ch476/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.154 V/m; Power Drift = 0.0025 dB
Peak SAR (extrapolated) = 1.114 W/kg
SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.414 mW/g
Maximum value of SAR (measured) = 0.736 mW/g
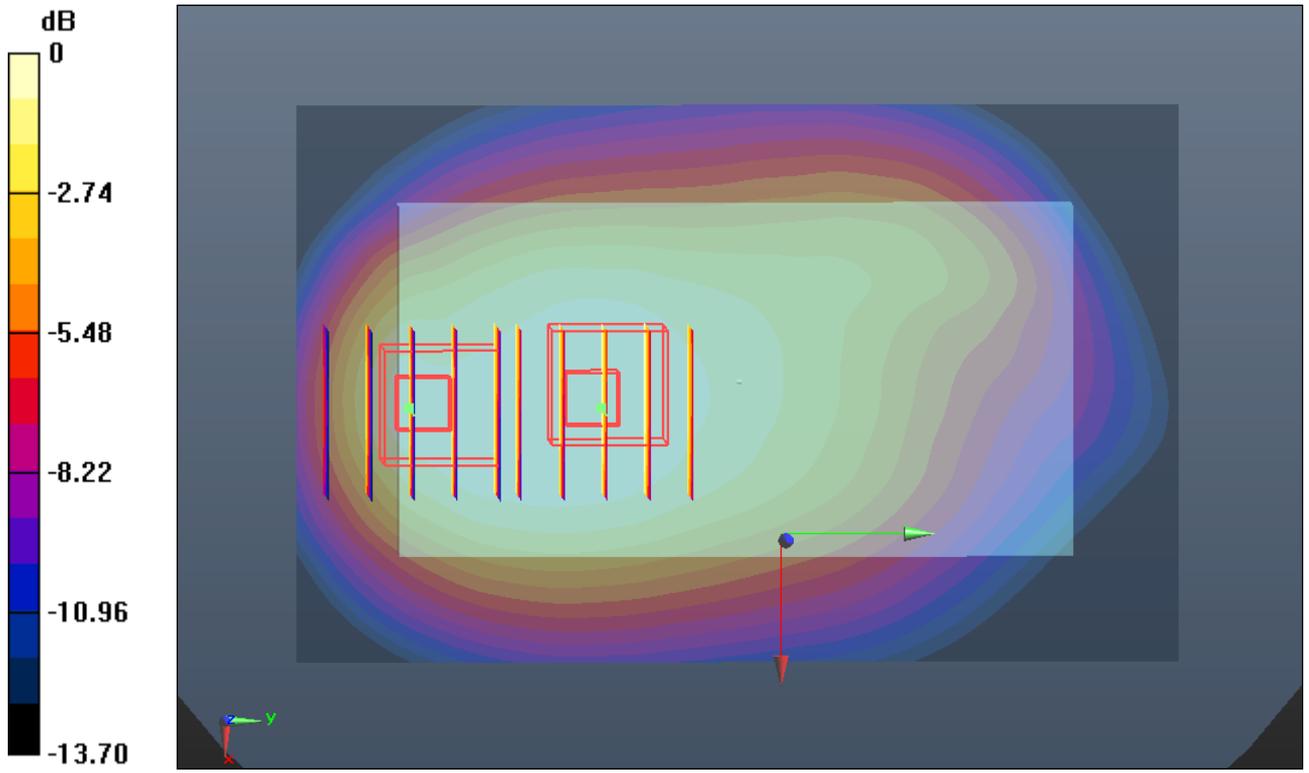
0 dB = 0.740mW/g

#117 CDMA2000 BC10_RC3 SO32_Back_1cm_Ch684_Headset

DUT: 281701

Communication System: CDMA2000; Frequency: 823.1 MHz;Duty Cycle: 1:1
Medium: MSL_835_120902 Medium parameters used: f = 823.1 MHz; σ = 0.963 mho/m; ε_r =

54.37; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.5 ℃

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)

Ch684/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.859 mW/g

Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.229 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.059 W/kg
SAR(1 g) = 0.822 mW/g; SAR(10 g) = 0.605 mW/g
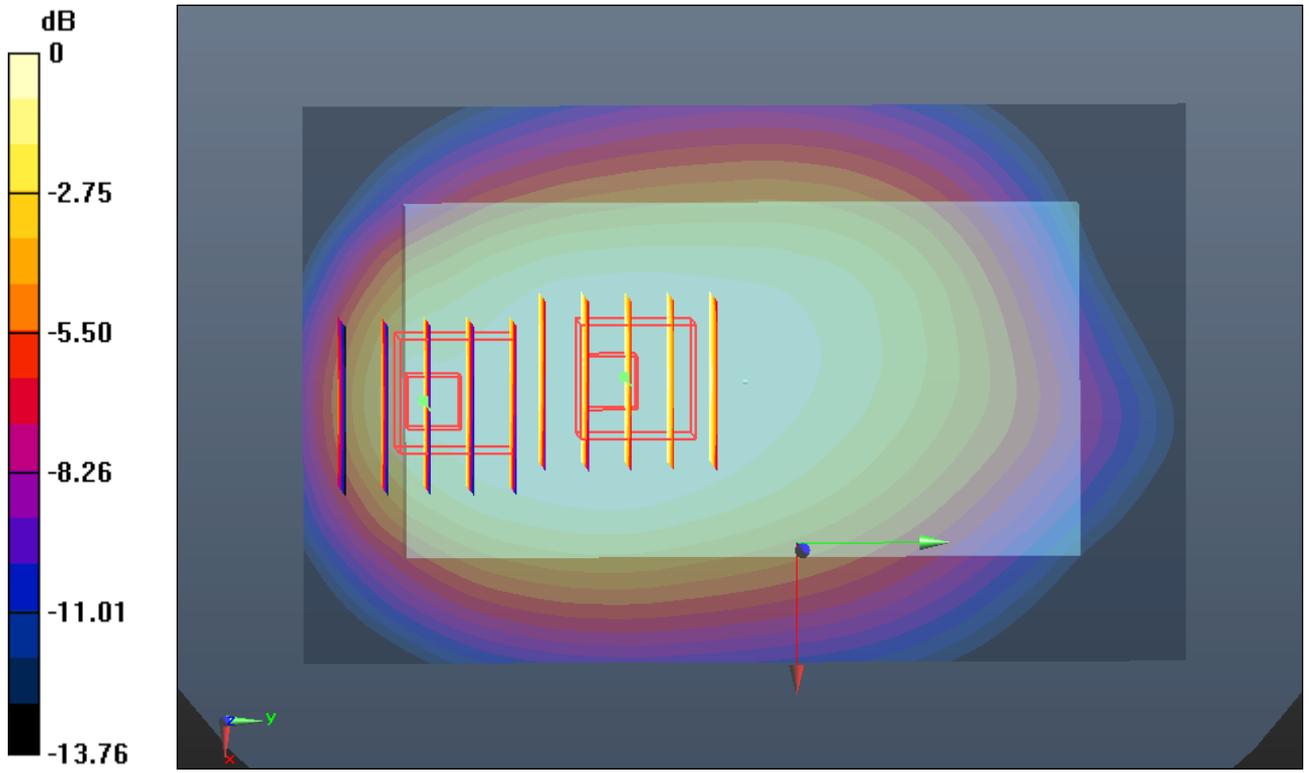Maximum value of SAR (measured) = 0.861 mW/g

Ch684/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.229 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.059 W/kg
SAR(1 g) = 0.650 mW/g; SAR(10 g) = 0.412 mW/g
Maximum value of SAR (measured) = 0.728 mW/g

0 dB = 0.730mW/g

#77 LTE Band 25_QPSK(25 13)_10M_Back_1cm_Ch26365_Headset

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r = 54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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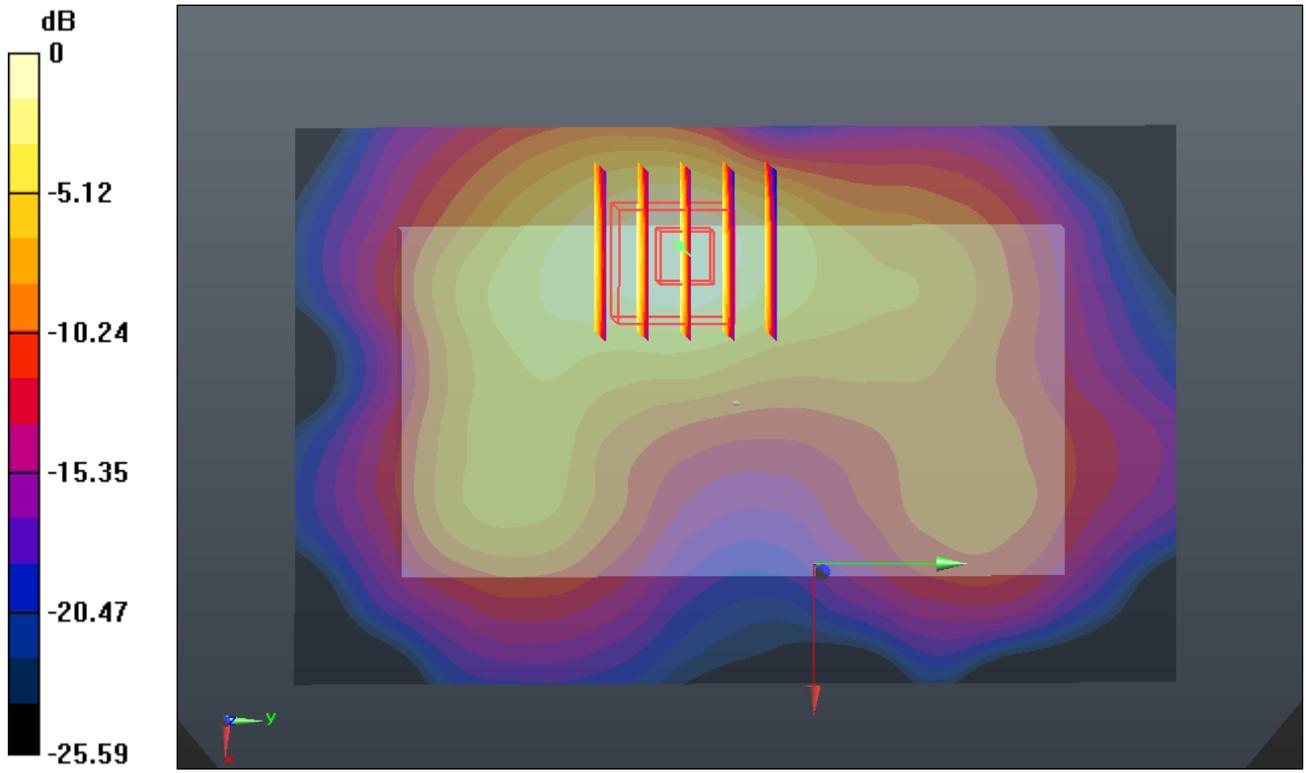Maximum value of SAR (interpolated) = 0.935 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.436 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.505 W/kg
SAR(1 g) = 0.838 mW/g; SAR(10 g) = 0.445 mW/g
Maximum value of SAR (measured) = 0.928 mW/g

0 dB = 0.930mW/g

#108 LTE Band 25_QPSK(25 13)_10M_Back_1cm_Ch26090_Headset

DUT: 281701

Communication System: LTE; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1855 MHz; σ = 1.473 mho/m; ε$_r$ =

54.957; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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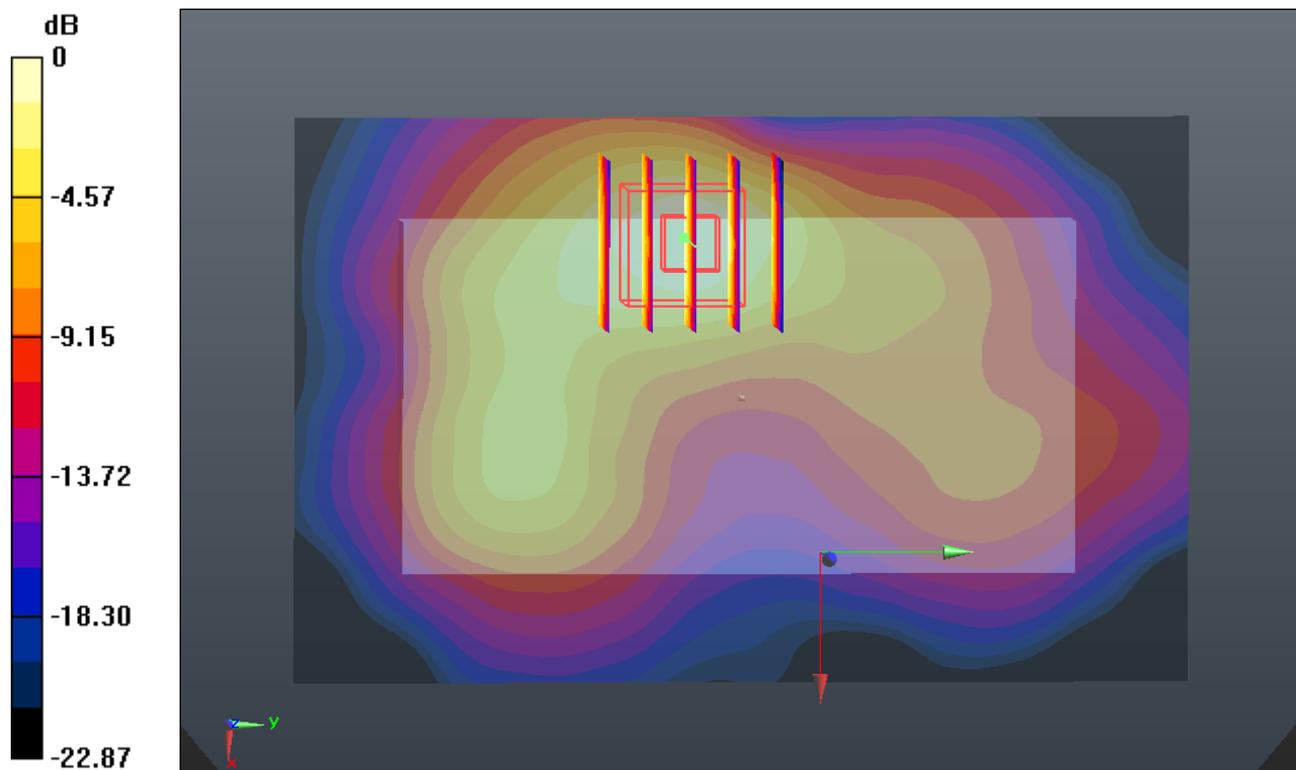Maximum value of SAR (interpolated) = 0.789 mW/g

Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.162 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.259 W/kg
SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.367 mW/g
Maximum value of SAR (measured) = 0.782 mW/g

0 dB = 0.780mW/g

#109 LTE Band 25_QPSK(25 13)_10M_Back_1cm_Ch26640_Headset

DUT: 281701

Communication System: LTE; Frequency: 1910 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1910 MHz; σ = 1.536 mho/m; ε_r =

54.849; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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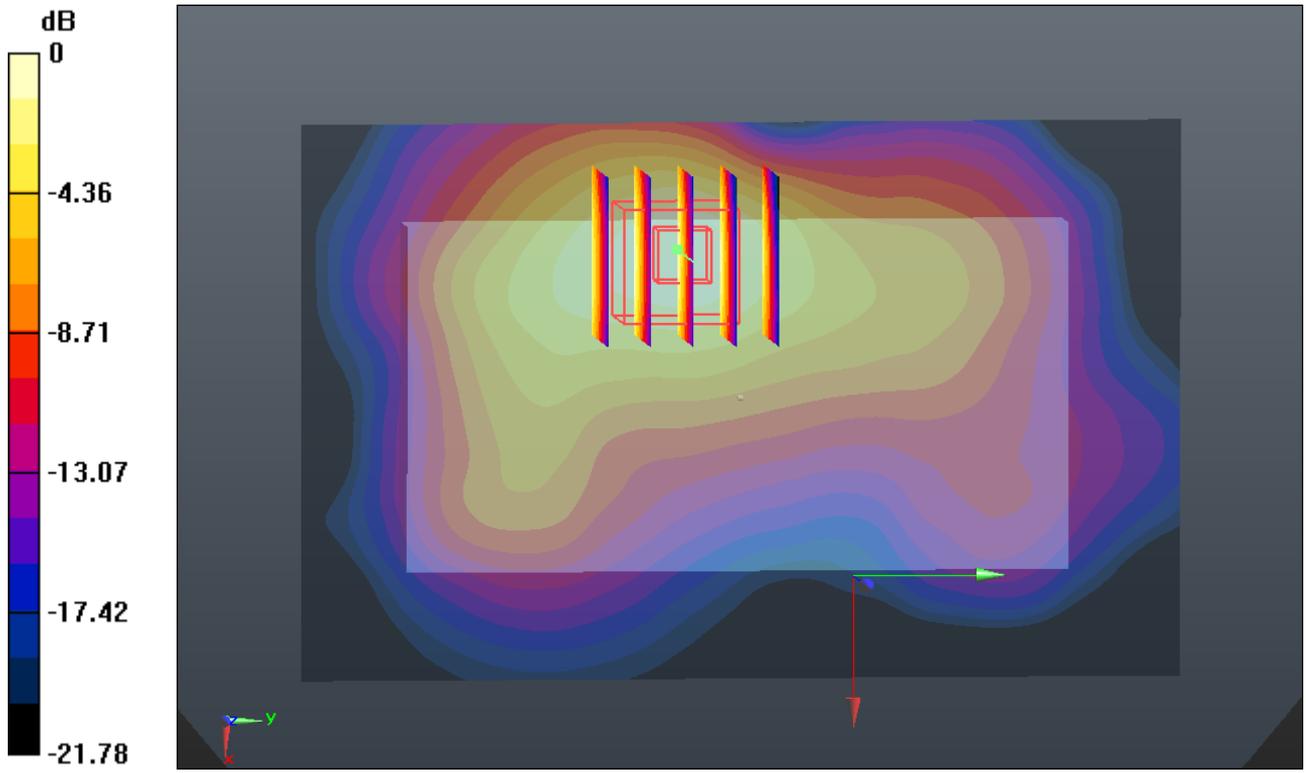Maximum value of SAR (interpolated) = 0.853 mW/g

Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.982 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.411 W/kg
SAR(1 g) = 0.787 mW/g; SAR(10 g) = 0.423 mW/g
Maximum value of SAR (measured) = 0.867 mW/g

0 dB = 0.870mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012-8-31

#85 LTE Band 25_QPSK(1 0)_10M_Back_1cm_Ch26365_Headset

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r = 54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 1.423 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.023 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.201 W/kg
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.675 mW/g
Maximum value of SAR (measured) = 1.405 mW/g

0 dB = 1.410mW/g

#85 LTE Band 25_QPSK(1 0)_10M_Back_1cm_Ch26365_Headset_2D

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =
54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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
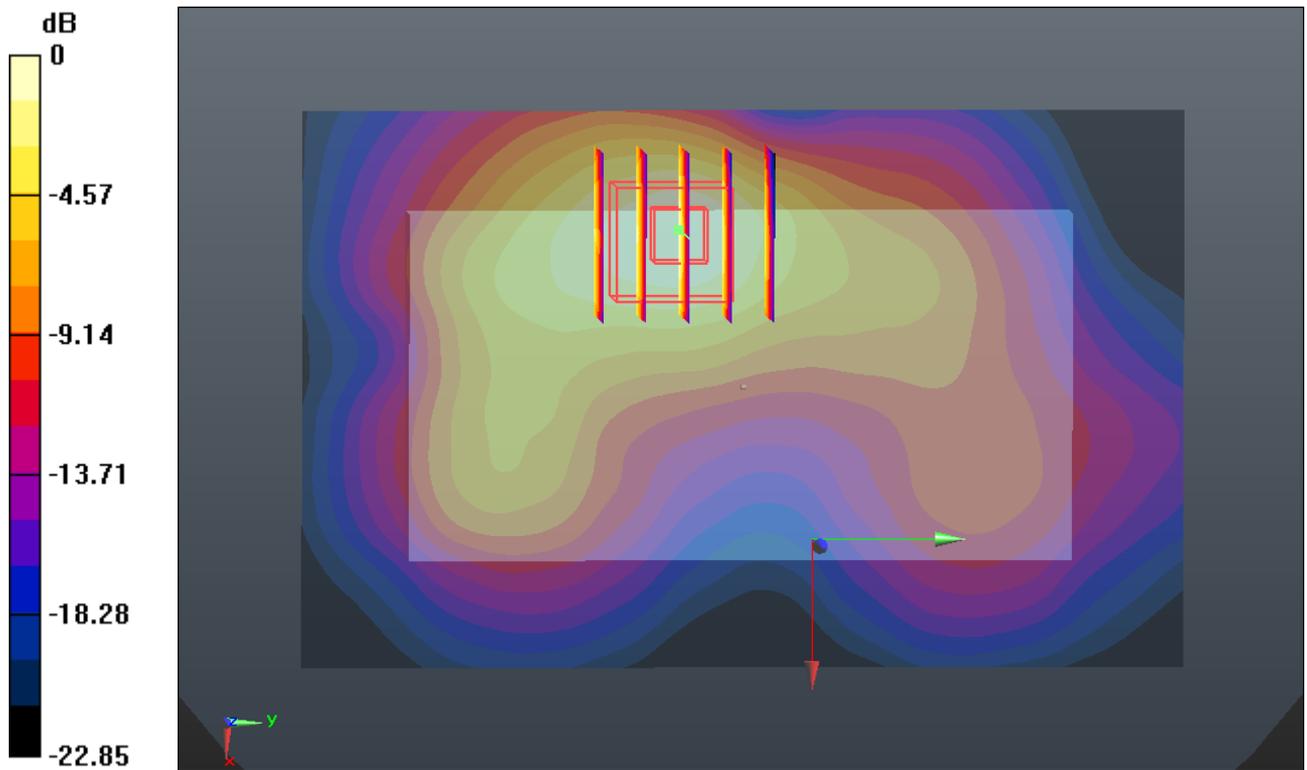Maximum value of SAR (interpolated) = 1.423 mW/g

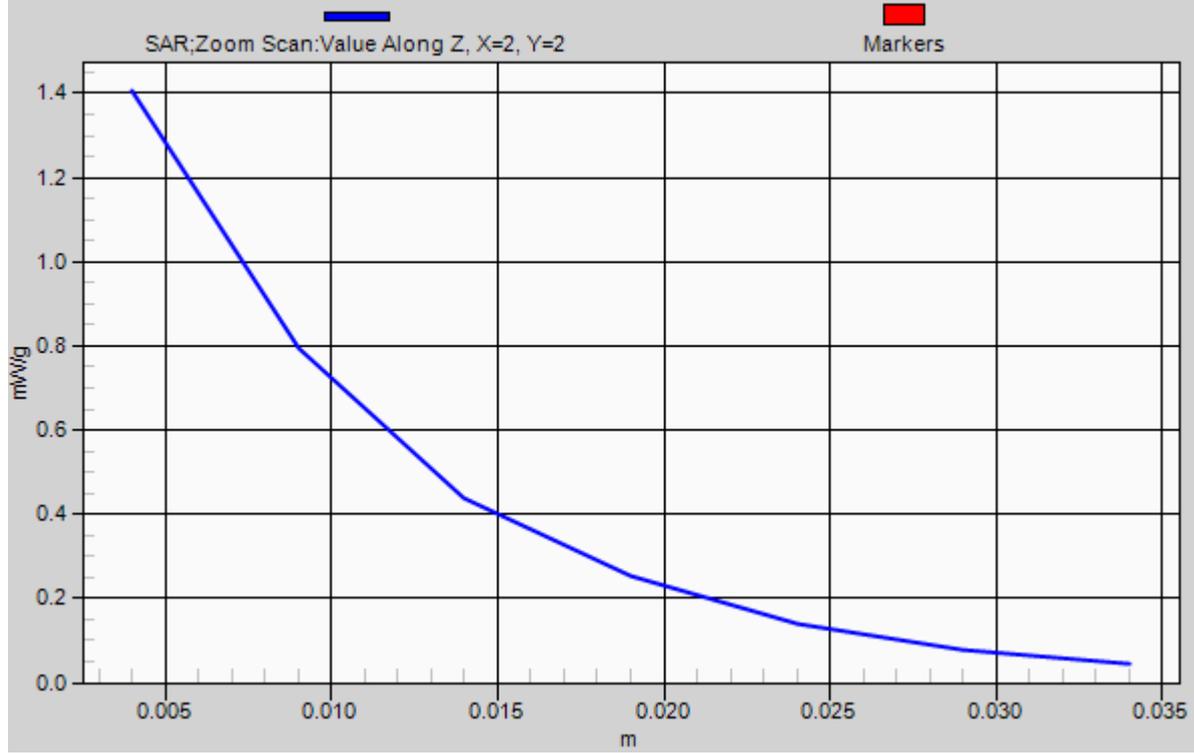**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.023 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.201 W/kg
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.675 mW/g
Maximum value of SAR (measured) = 1.405 mW/g

1g/10g Averaged SAR

#168 LTE Band 25_QPSK(1 0)_10M_Back_1cm_Ch26365_Headset

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120903 Medium parameters used: f = 1882.5 MHz; σ = 1.51 mho/m; ε_r =

54.008; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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)

Ch26365/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.372 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.225 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.620 W/kg
SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.377 mW/g
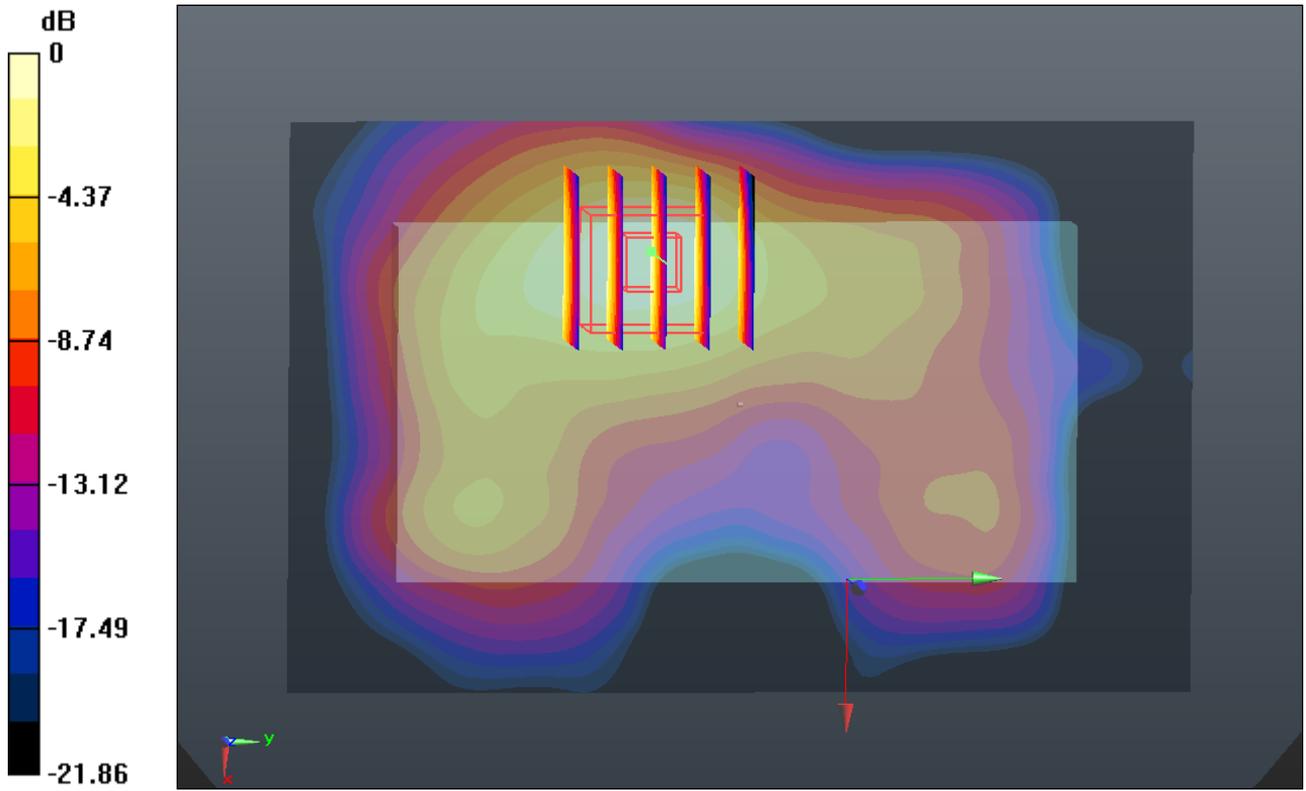
0 dB = 0.380mW/g

#89 LTE Band 25_QPSK(1 49)_10M_Back_1cm_Ch26365_Headset

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r =

54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 1.188 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.990 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.877 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.567 mW/g
Maximum value of SAR (measured) = 1.157 mW/g
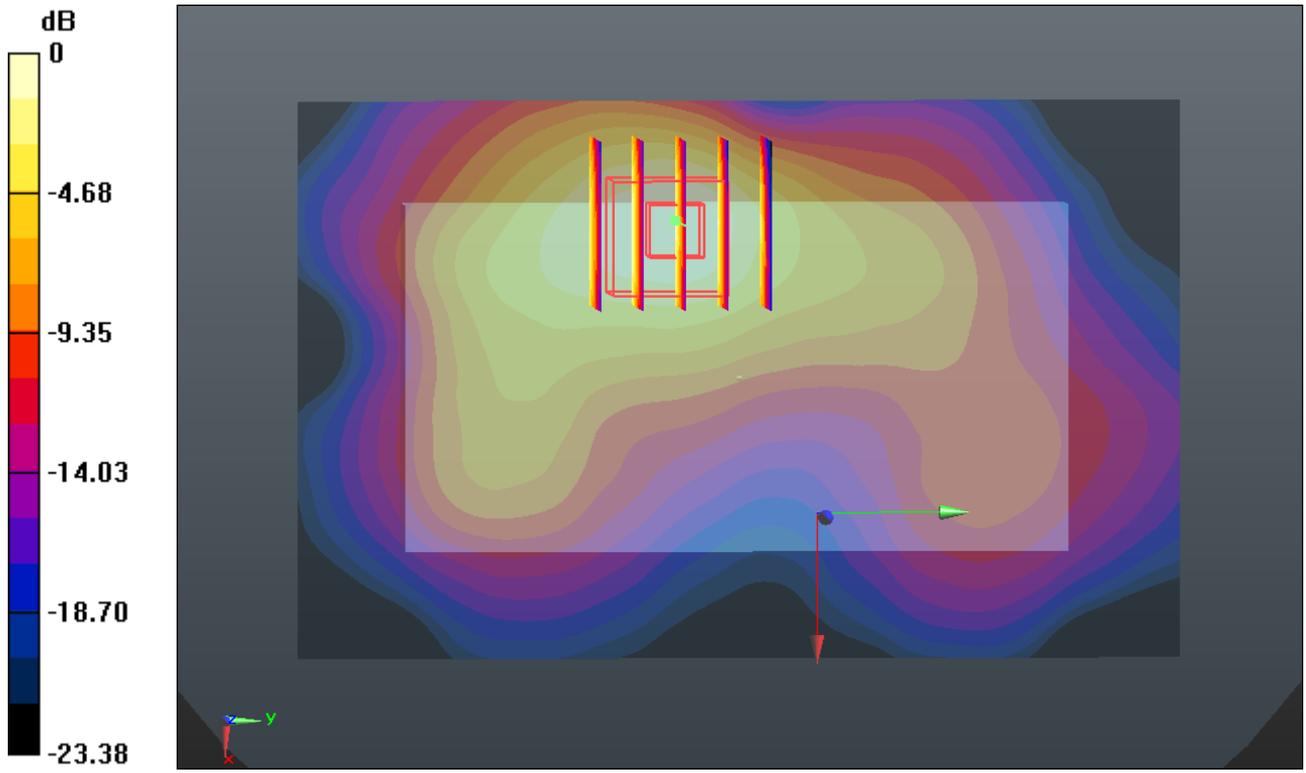
0 dB = 1.160mW/g

#93 LTE Band 25_16QAM(25 13)_10M_Back_1cm_Ch26365_Headset

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r = 54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 0.734 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.248 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.153 W/kg
SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.344 mW/g
Maximum value of SAR (measured) = 0.717 mW/g
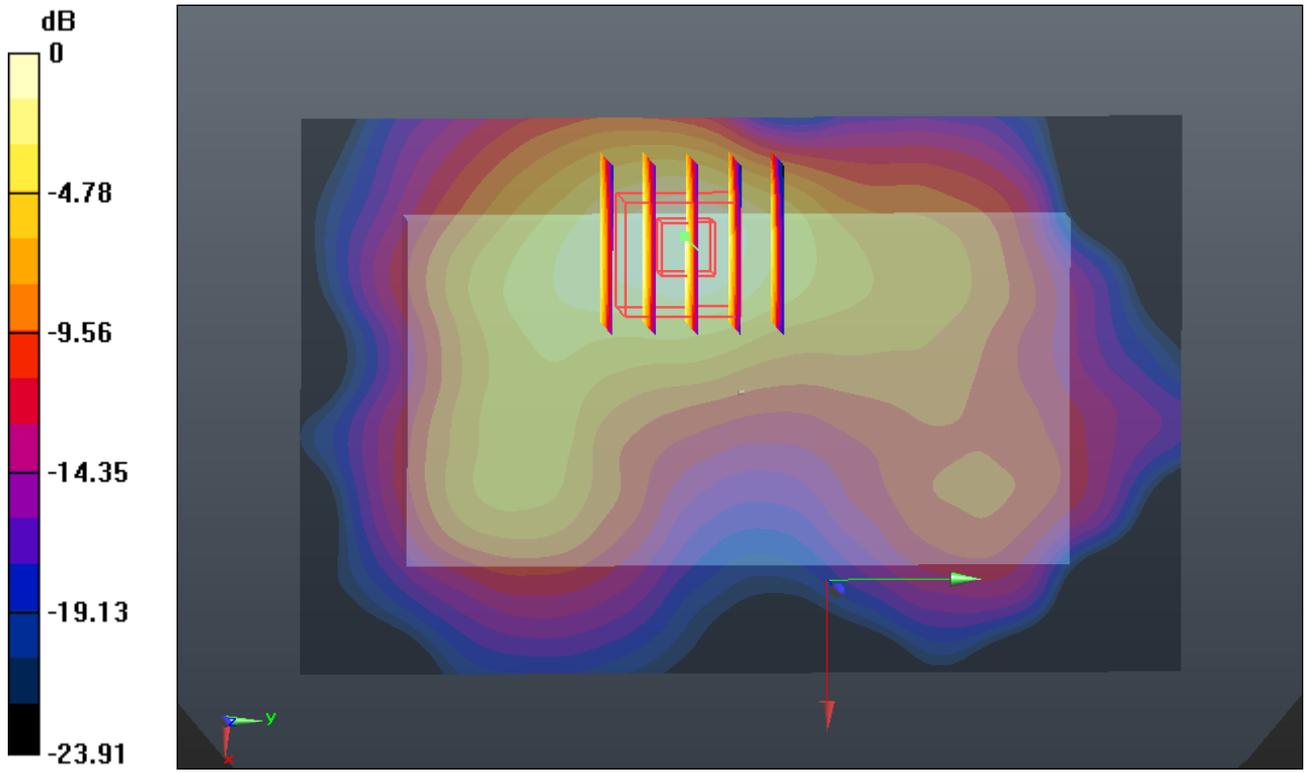
0 dB = 0.720mW/g

#97 LTE Band 25_16QAM(1 0)_10M_Back_1cm_Ch26365_Headset

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε$_r$ =

54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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) = 0.999 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.787 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.593 W/kg
SAR(1 g) = 0.889 mW/g; SAR(10 g) = 0.477 mW/g
Maximum value of SAR (measured) = 0.988 mW/g
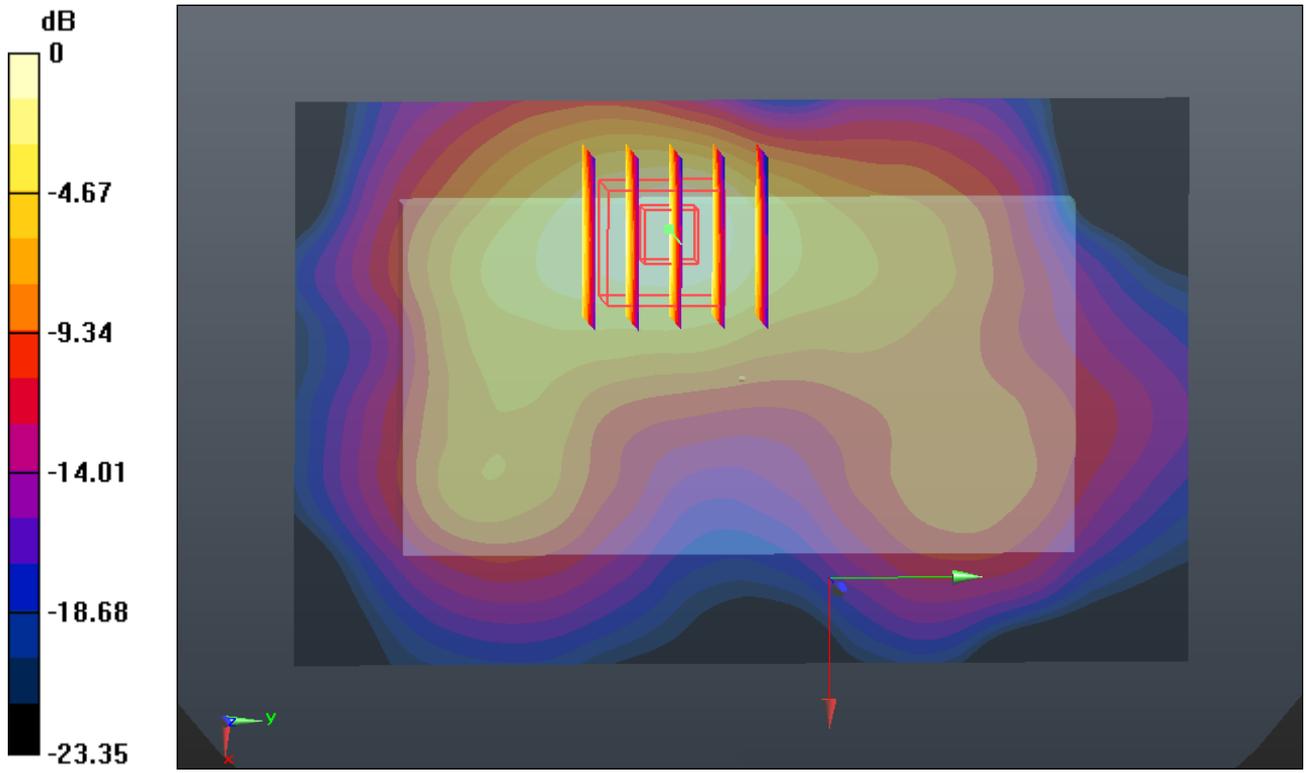
0 dB = 0.990mW/g

#101 LTE Band 25_16QAM(1 49)_10M_Back_1cm_Ch26365_Headset

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120831 Medium parameters used: f = 1882.5 MHz; σ = 1.509 mho/m; ε_r = 54.897; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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
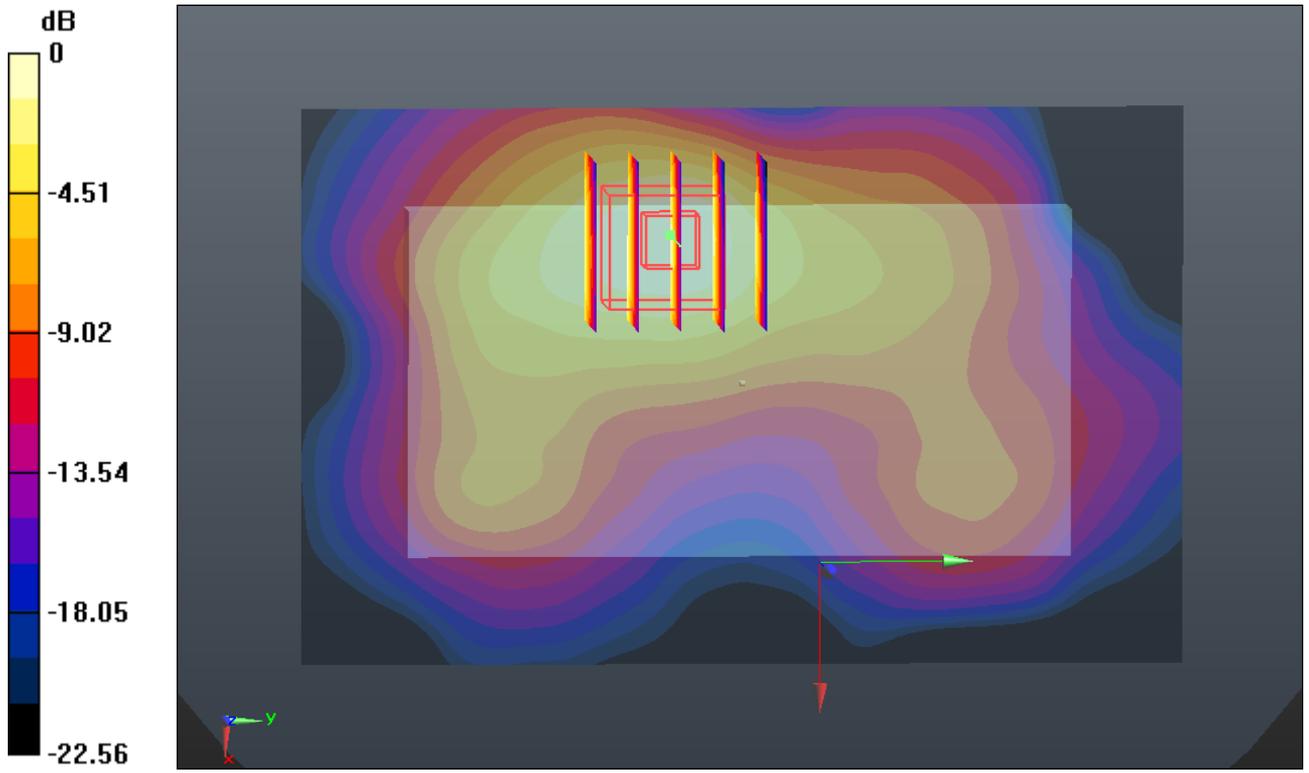Maximum value of SAR (interpolated) = 0.832 mW/g

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.959 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.327 W/kg
SAR(1 g) = 0.747 mW/g; SAR(10 g) = 0.404 mW/g
Maximum value of SAR (measured) = 0.830 mW/g

0 dB = 0.830mW/g

#105 802.11b_Back_1cm_Ch11_Headset

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120904 Medium parameters used: f = 2462 MHz; σ = 2.027 mho/m; ε$_r$ =

53.408; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.4 ℃

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
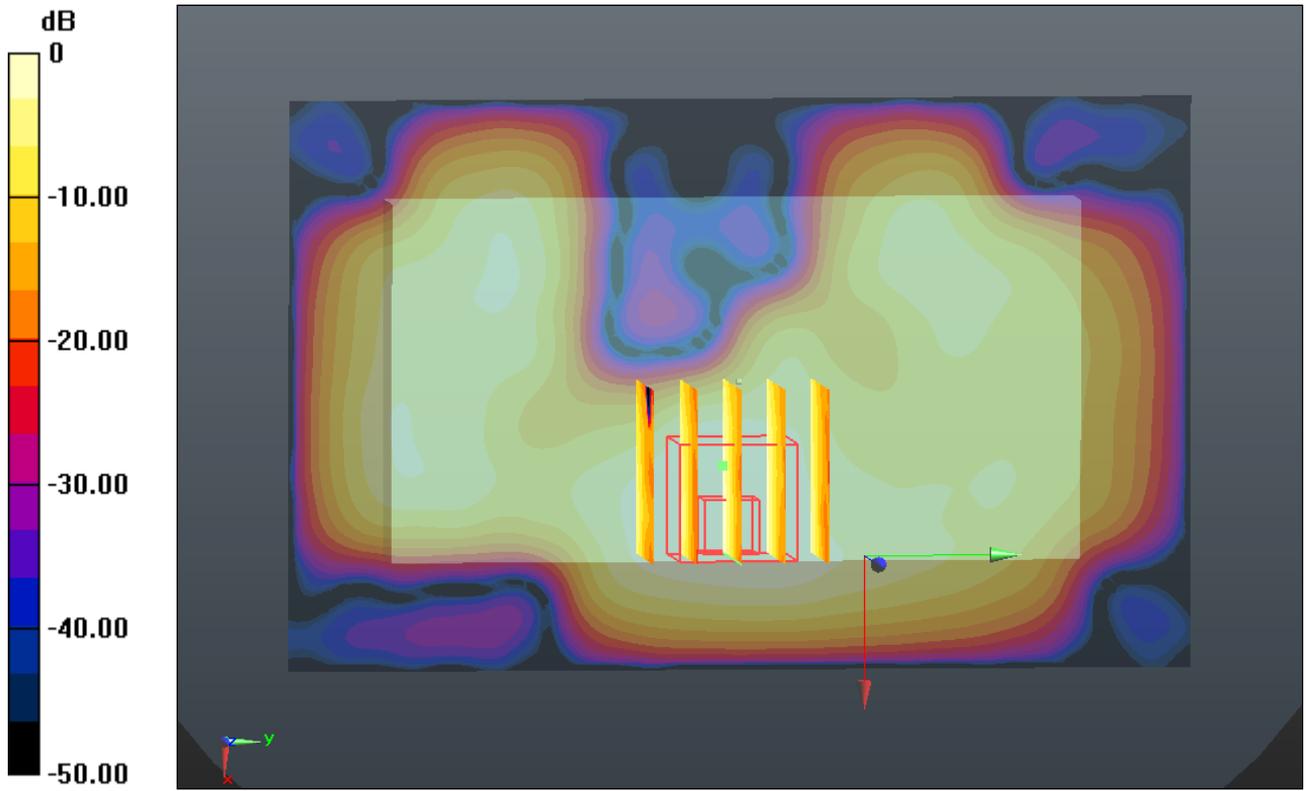Maximum value of SAR (interpolated) = 0.125 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.434 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.201 W/kg
SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.121 mW/g

0 dB = 0.120mW/g

#146 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch777_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_835_120906 Medium parameters used: f = 848.5 MHz; σ = 0.927 mho/m; ε_r = 40.88;

ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.1 ℃

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)

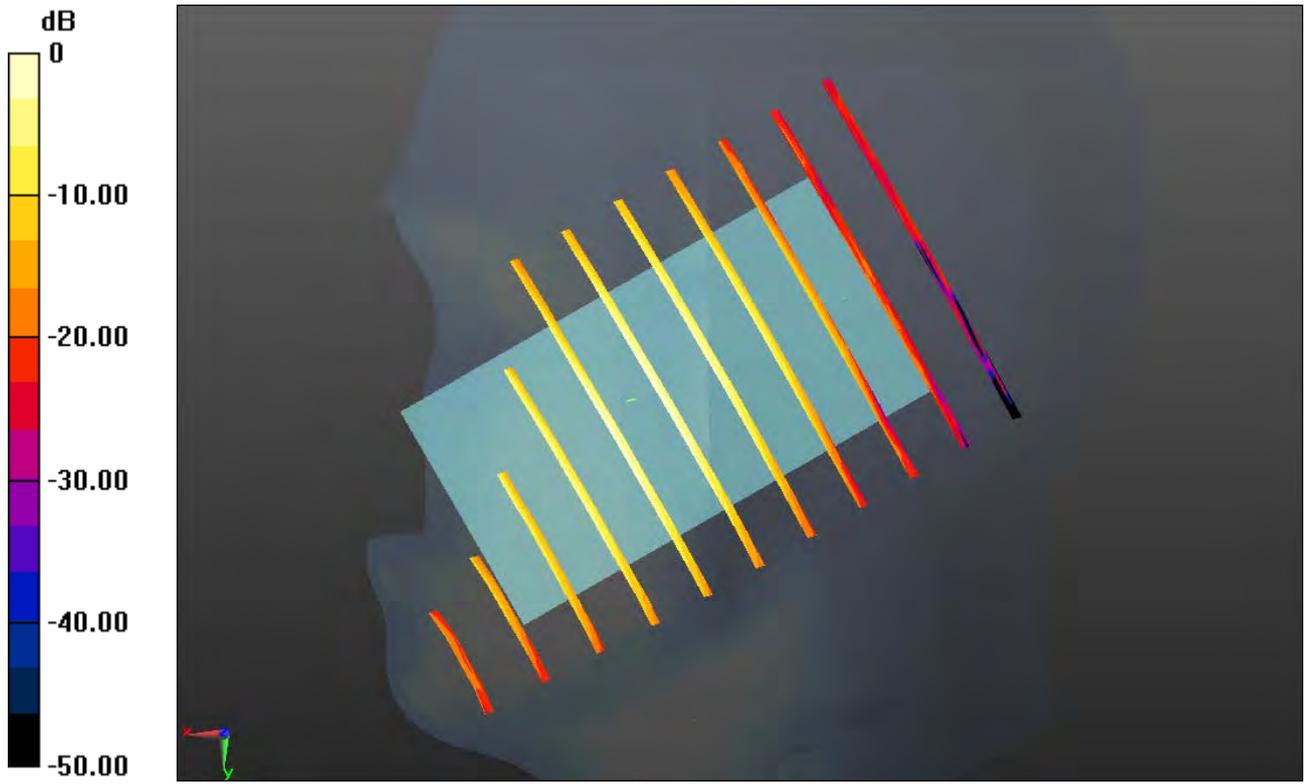**Ch777/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.924 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.268 W/kg
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.121 mW/g
Total Absorbed Power = 0.0118885 W
Maximum value of SAR (measured) = 0.162 mW/g

0 dB = 0.160mW/g

#17 LTE Band 25_QPSK(1 0)_10M_Right Cheek_26365_volume scan

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120906 Medium parameters used: f = 1882.5 MHz; σ = 1.424 mho/m; ε_r =

39.992; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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)

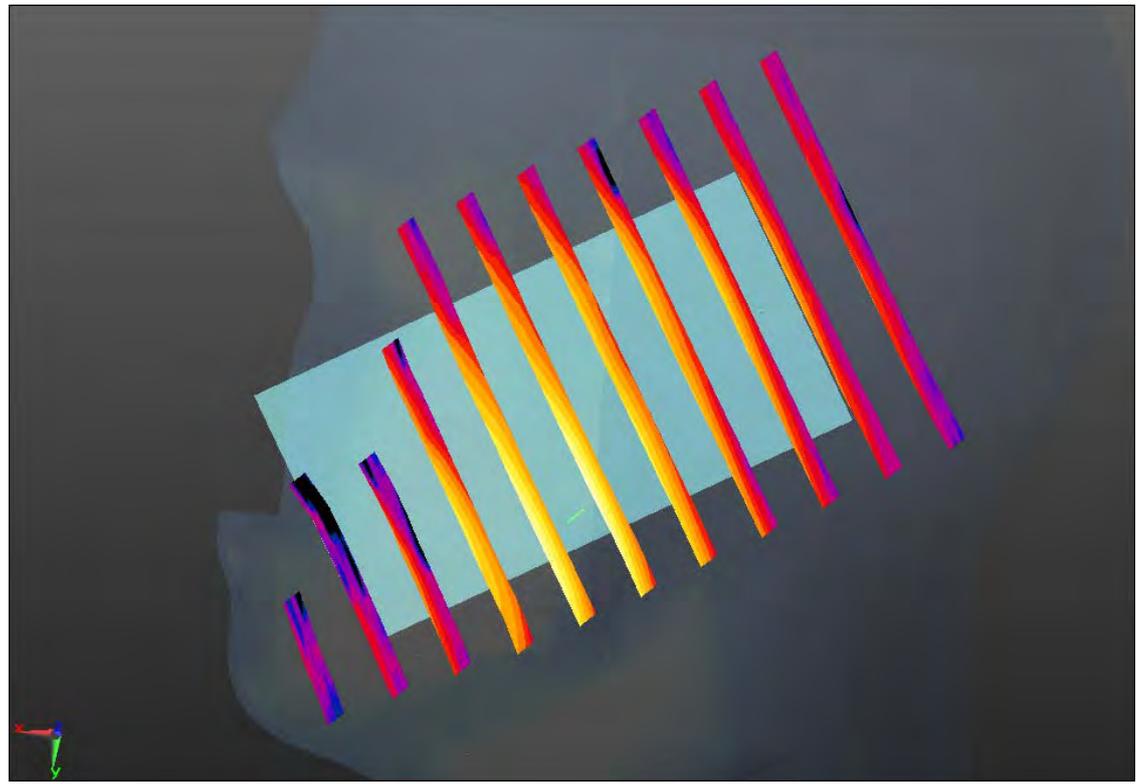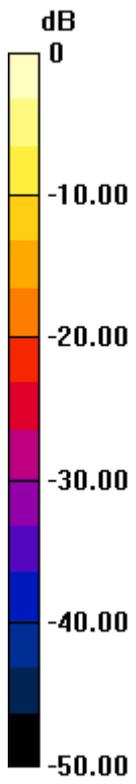**Ch26365/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.964 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.605 W/kg
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.633 mW/g
Total Absorbed Power = 0.0265816 W
Maximum value of SAR (measured) = 1.477 mW/g

0 dB = 1.480mW/g

#37 802.11b_Right Cheek_Ch11_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120906 Medium parameters used: f = 2462 MHz; σ = 1.842 mho/m; ε_r =

40.039; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

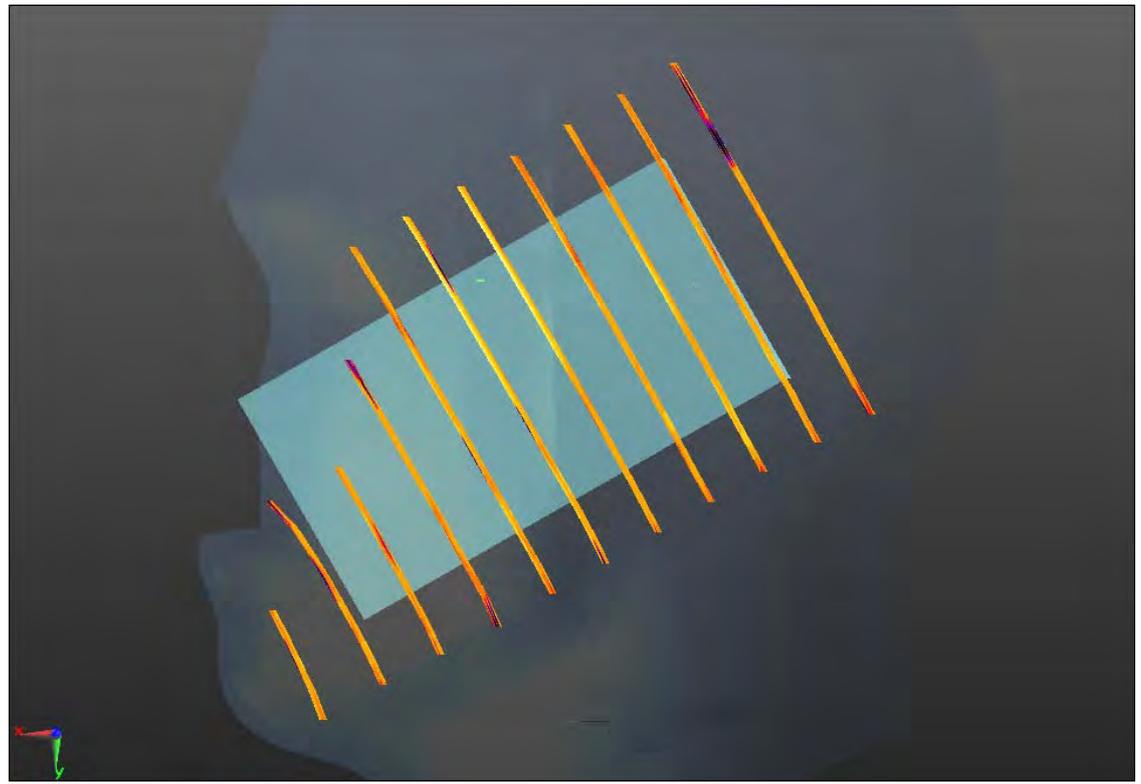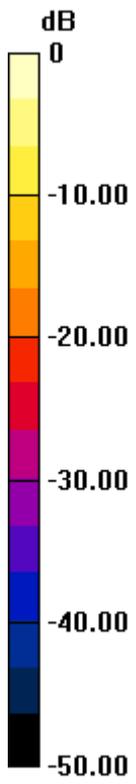**Ch777/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.788 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.178 W/kg
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.030 mW/g
Total Absorbed Power = 0.000562474 W
Maximum value of SAR (measured) = 0.098 mW/g

0 dB = 0.100mW/g

#146 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch777_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_835_120906 Medium parameters used: f = 848.5 MHz; σ = 0.927 mho/m; ε_r = 40.88; ρ =

1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

#17 LTE Band 25_QPSK(1 0)_10M_Right Cheek_26365_volume scan

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1900_120906 Medium parameters used: f = 1882.5 MHz; σ = 1.424 mho/m; ε_r = 39.992;

ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

#37 802.11b_Right Cheek_Ch11_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_2450_120906 Medium parameters used: f = 2462 MHz; σ = 1.842 mho/m; ε_r = 40.039; ρ

= 1000 kg/m^3
Phantom section: Right Section
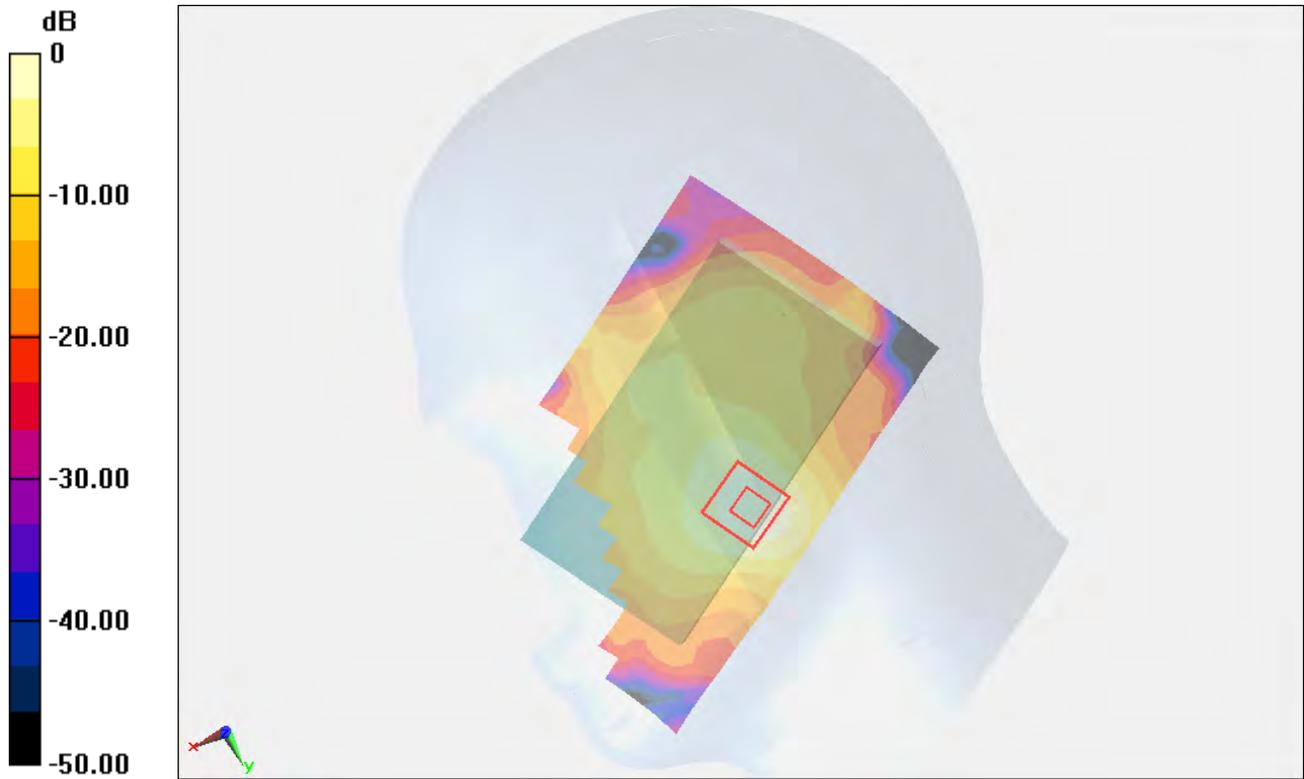Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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

Multi Band Result:

SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.708 mW/g

Maximum value of SAR (interpolated) = 2.64 W/kg

0 dB = 2.64 W/kg = 8.43 dB W/kg

#148 CDMA BC1_RC3 SO55_Right Cheek_600_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120906 Medium parameters used: f = 1880 MHz; σ = 1.422 mho/m; ε_r =

40.001; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

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)

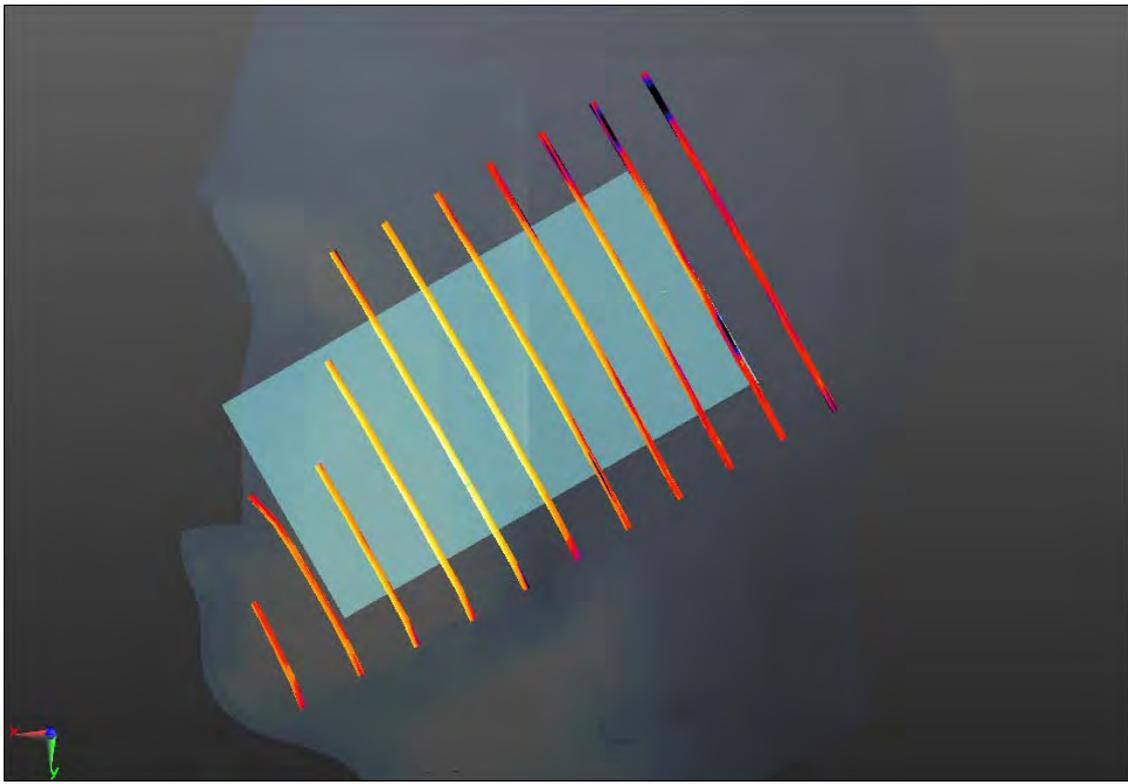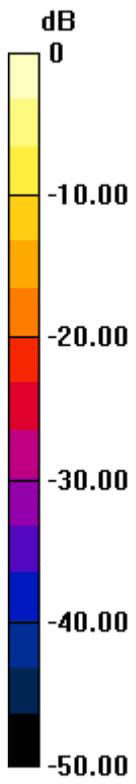**Ch600/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.952 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.421 W/kg
SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.141 mW/g
Total Absorbed Power = 0.0103916 W
Maximum value of SAR (measured) = 0.251 mW/g

0 dB = 0.250mW/g

#17 LTE Band 25_QPSK(1 0)_10M_Right Cheek_26365_volume scan

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120906 Medium parameters used: f = 1882.5 MHz; σ = 1.424 mho/m; ε_r =

39.992; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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)

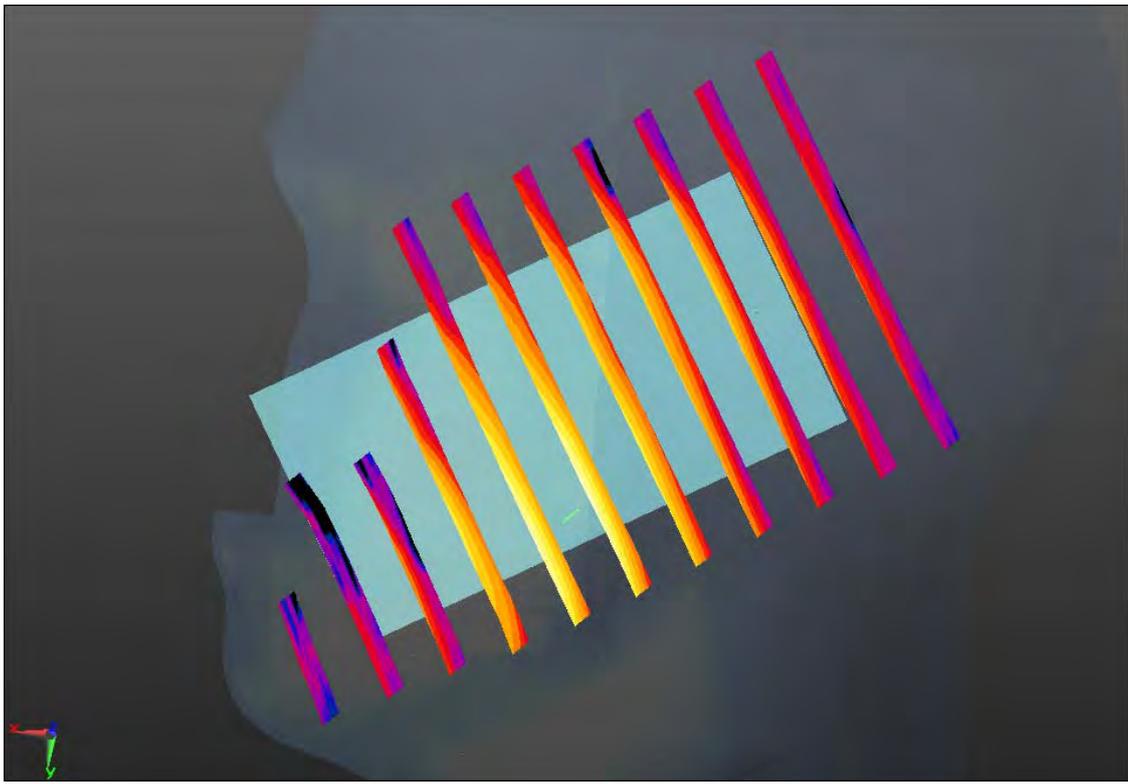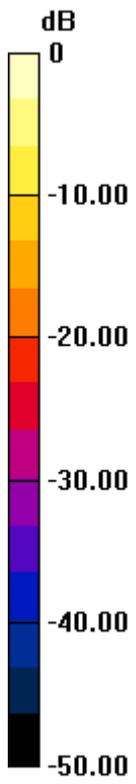**Ch26365/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.964 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.605 W/kg
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.633 mW/g
Total Absorbed Power = 0.0265816 W
Maximum value of SAR (measured) = 1.477 mW/g

0 dB = 1.480mW/g

#37 802.11b_Right Cheek_Ch11_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120906 Medium parameters used: f = 2462 MHz; σ = 1.842 mho/m; ε_r =

40.039; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

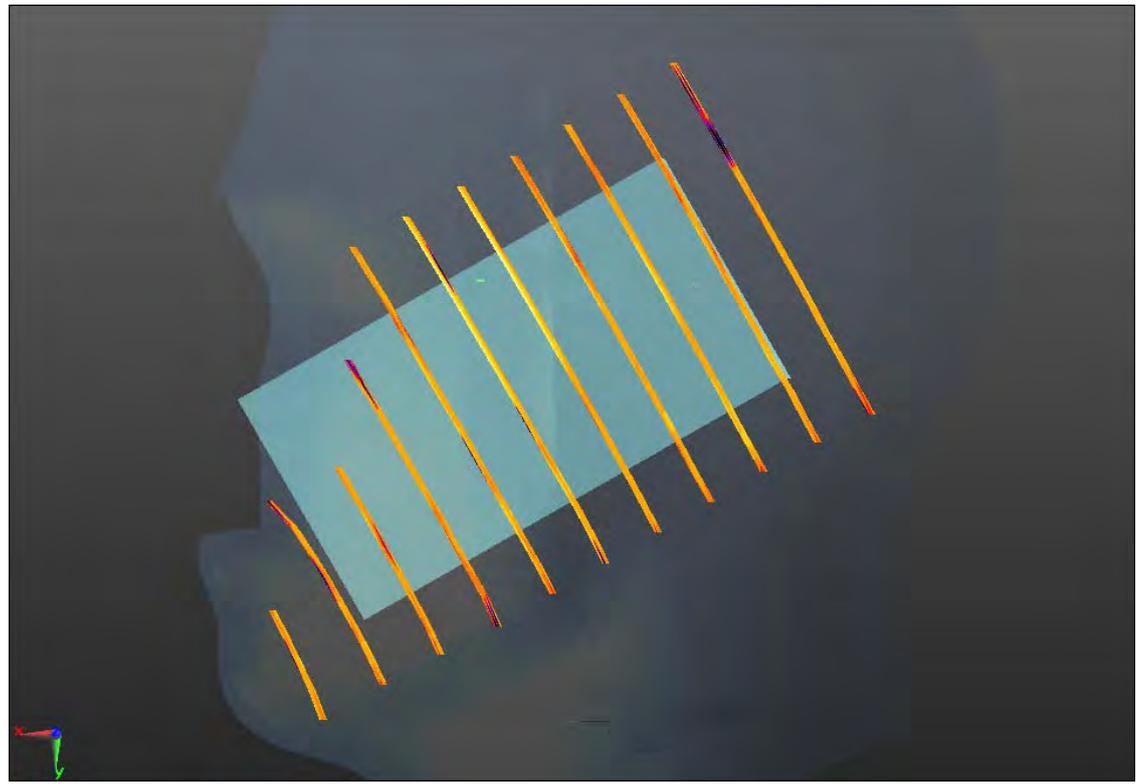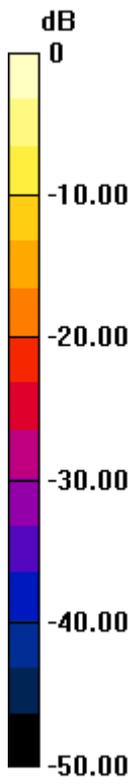**Ch777/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.788 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.178 W/kg
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.030 mW/g
Total Absorbed Power = 0.000562474 W
Maximum value of SAR (measured) = 0.098 mW/g

0 dB = 0.100mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/6

#148 CDMA BC1_RC3 SO55_Right Cheek_600_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1900_120906 Medium parameters used: f = 1880 MHz; σ = 1.422 mho/m; ε_r = 40.001; ρ

= 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/6

#17 LTE Band 25_QPSK(1 0)_10M_Right Cheek_26365_volume scan

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1900_120906 Medium parameters used: f = 1882.5 MHz; σ = 1.424 mho/m; ε_r = 39.992;

ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/9/6

#37 802.11b_Right Cheek_Ch11_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_2450_120906 Medium parameters used: f = 2462 MHz; σ = 1.842 mho/m; ε_r = 40.039; ρ

= 1000 kg/m^3
Phantom section: Right Section
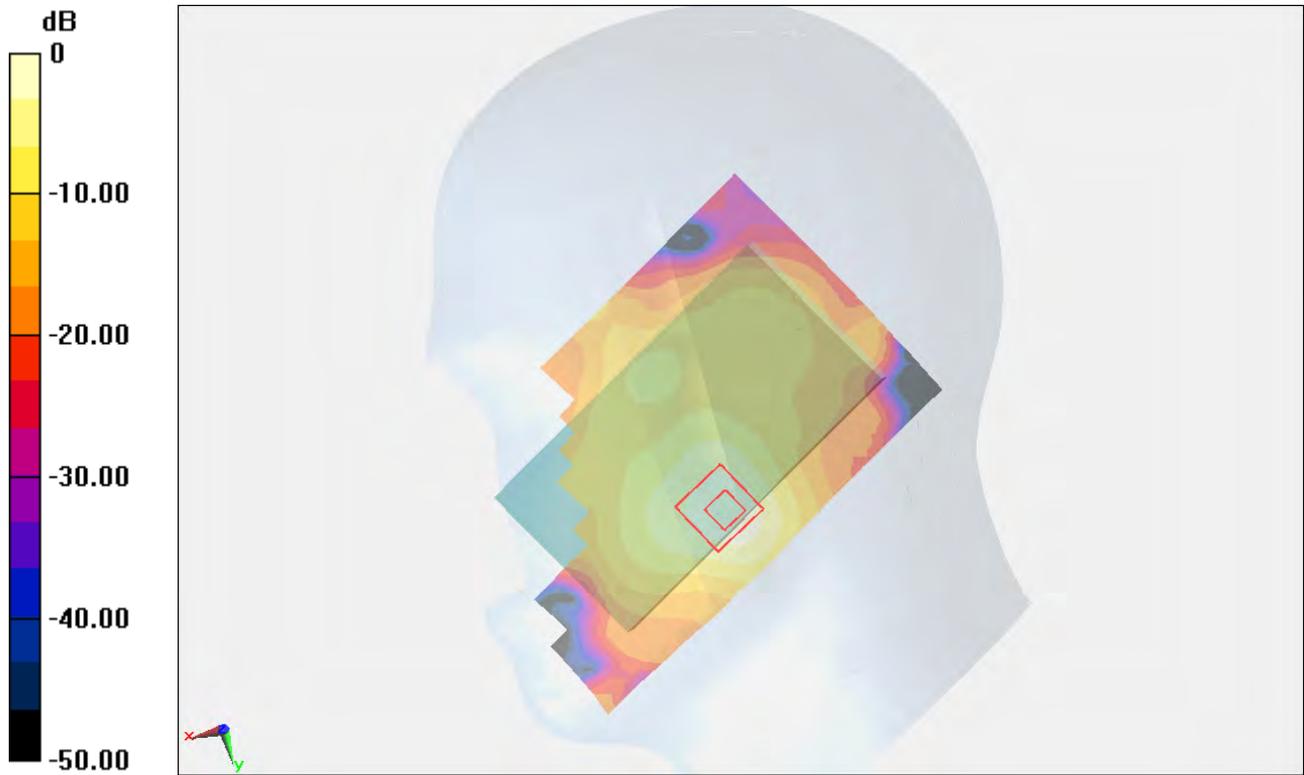Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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

Multi Band Result:

SAR(1 g) = 1.47 mW/g; SAR(10 g) = 0.745 mW/g

Maximum value of SAR (interpolated) = 2.78 mW/g

0 dB = 2.78 mW/g = 8.88 dB mW/g

#134 CDMA BC1_RC3 SO55_Right Cheek_600_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120906 Medium parameters used: f = 1880 MHz; σ = 1.422 mho/m; ε_r =

40.001; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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)

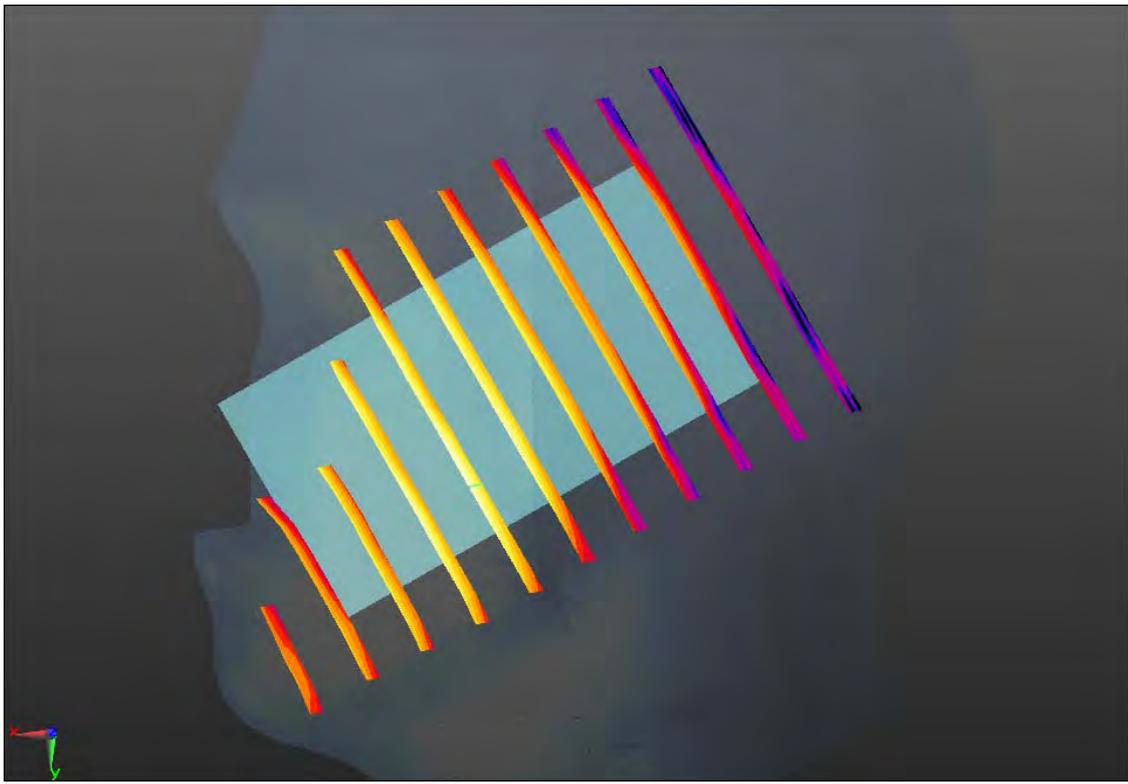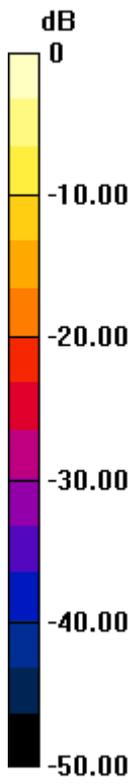**Ch600/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.714 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.889 W/kg
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.709 mW/g
Total Absorbed Power = 0.0604388 W
Maximum value of SAR (measured) = 1.257 mW/g

0 dB = 1.260mW/g

#152 LTE Band 25_QPSK(1 0)_10M_Right Cheek_26365_volume scan

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120906 Medium parameters used: f = 1882.5 MHz; σ = 1.424 mho/m; ε_r =

39.992; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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)

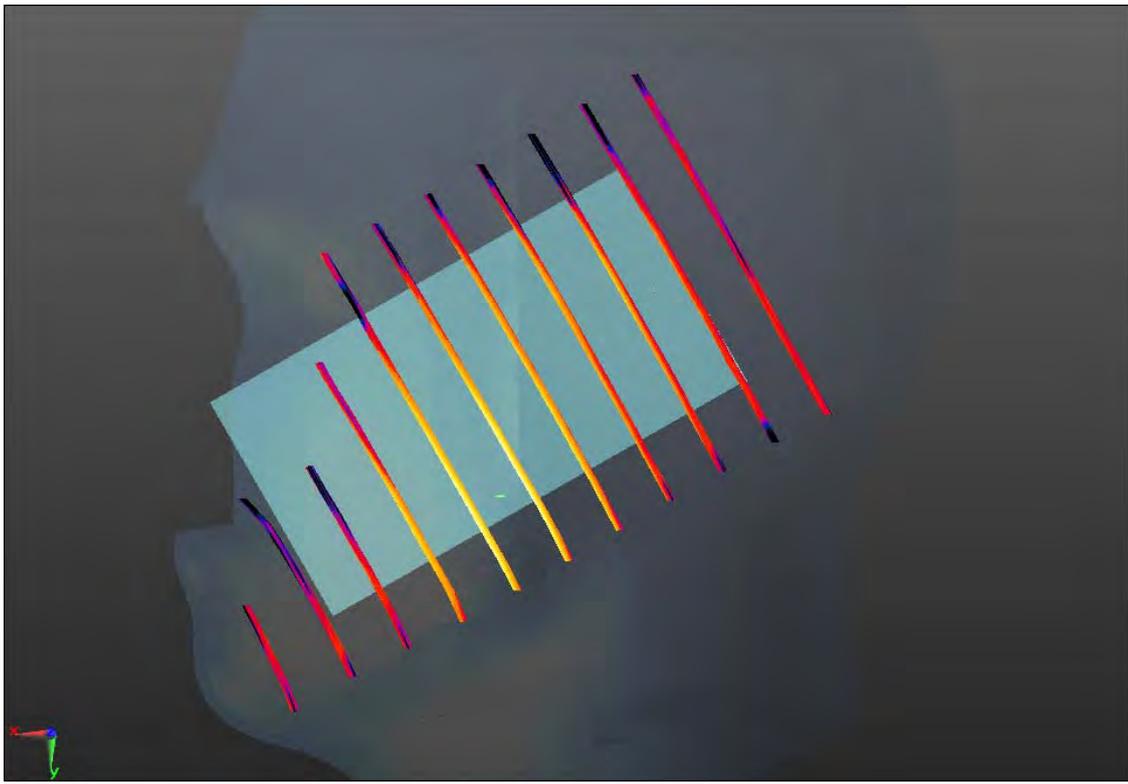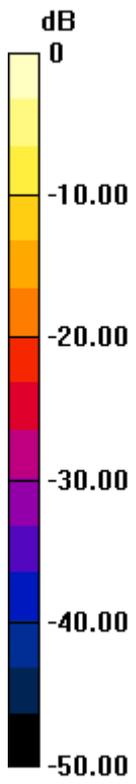**Ch26365/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.650 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.778 W/kg
SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.194 mW/g
Total Absorbed Power = 0.00664255 W
Maximum value of SAR (measured) = 0.454 mW/g

0 dB = 0.450mW/g

#37 802.11b_Right Cheek_Ch11_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120906 Medium parameters used: f = 2462 MHz; σ = 1.842 mho/m; ε_r =

40.039; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

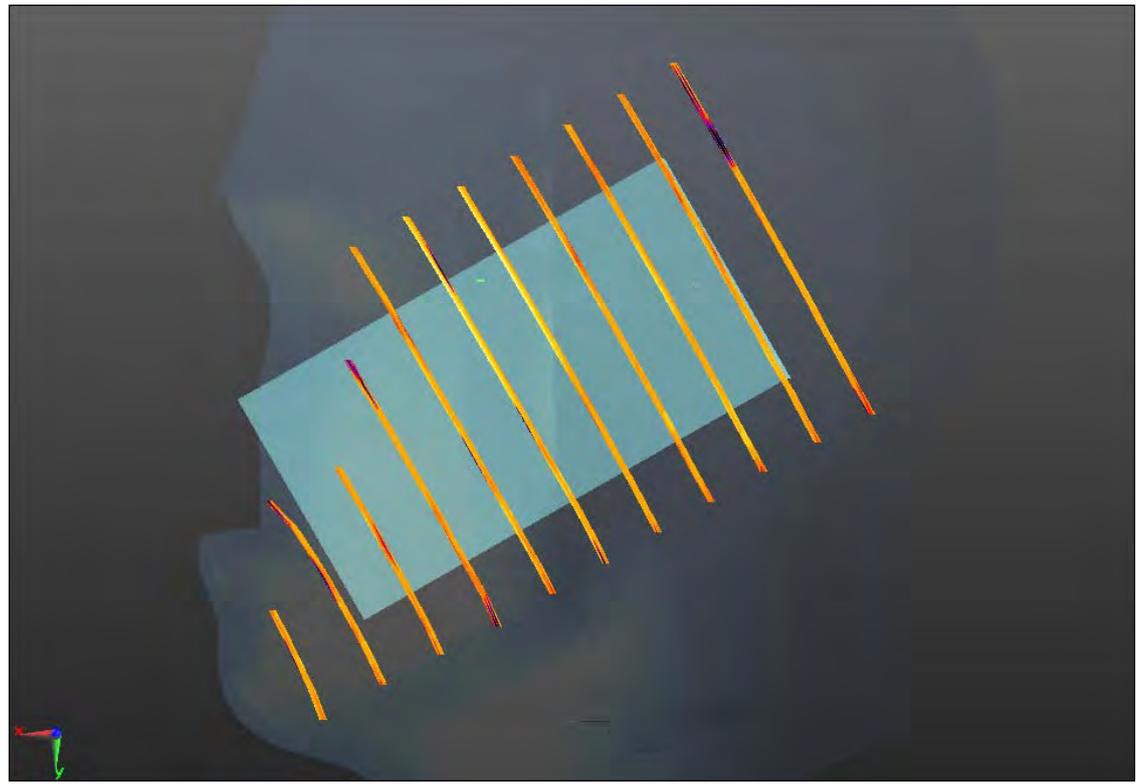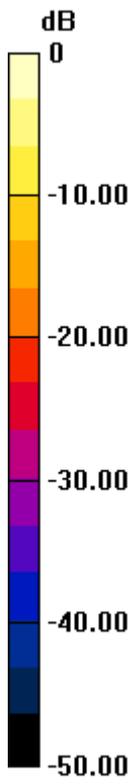**Ch777/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.788 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.178 W/kg
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.030 mW/g
Total Absorbed Power = 0.000562474 W
Maximum value of SAR (measured) = 0.098 mW/g

0 dB = 0.100mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/6

#134 CDMA BC1_RC3 SO55_Right Cheek_600_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1900_120906 Medium parameters used: f = 1880 MHz; σ = 1.422 mho/m; ε_r = 40.001; ρ

= 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/6

#152 LTE Band 25_QPSK(1 0)_10M_Right Cheek_26365_volume scan

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1900_120906 Medium parameters used: f = 1882.5 MHz; σ = 1.424 mho/m; ε_r = 39.992;

ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/6

#37 802.11b_Right Cheek_Ch11_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_2450_120906 Medium parameters used: f = 2462 MHz; σ = 1.842 mho/m; ε_r = 40.039; ρ

= 1000 kg/m^3
Phantom section: Right Section
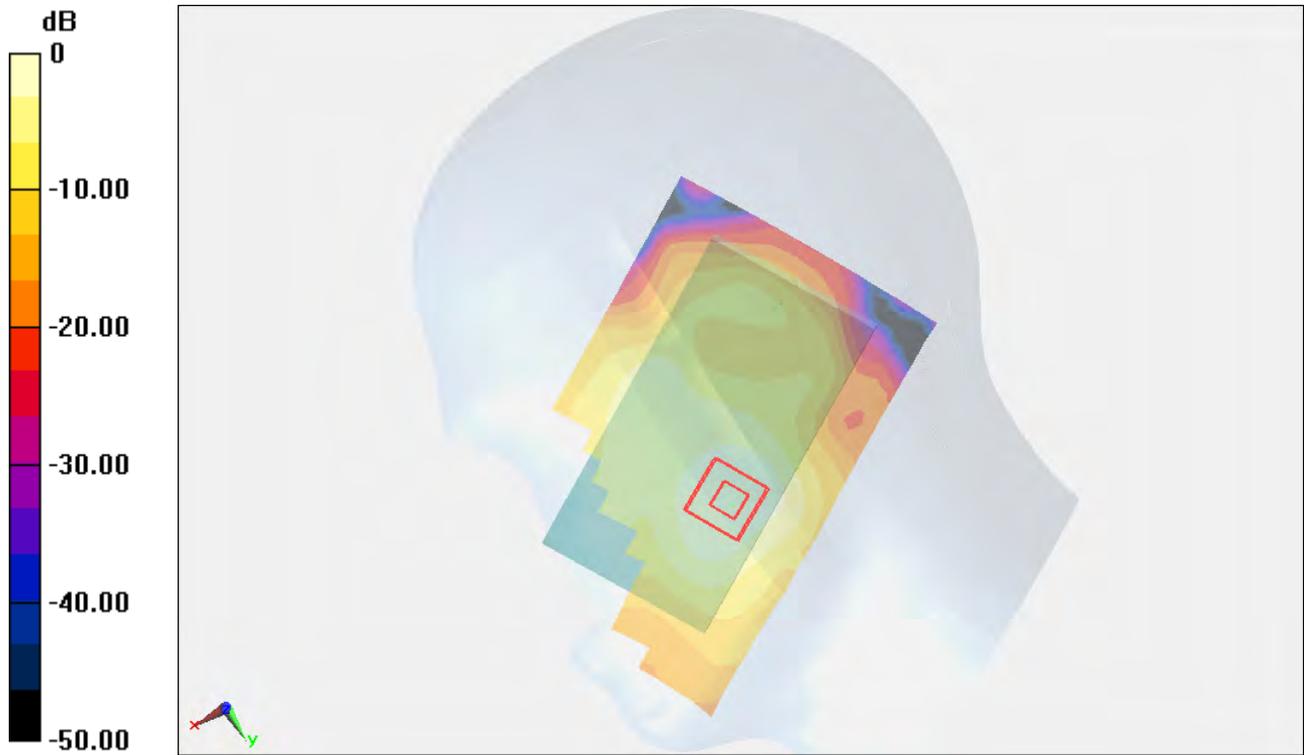Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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

Multi Band Result:

SAR(1 g) = 1.43 mW/g; SAR(10 g) = 0.863 mW/g

Maximum value of SAR (interpolated) = 2.23 W/kg

0 dB = 2.23 W/kg = 6.97 dB W/kg

#150 CDMA2000 BC10_RC3 SO55_Right Cheek_Ch580_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_120906 Medium parameters used: f = 820.5 MHz; σ = 0.903 mho/m; ε_r =

41.185; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.1 ℃

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)

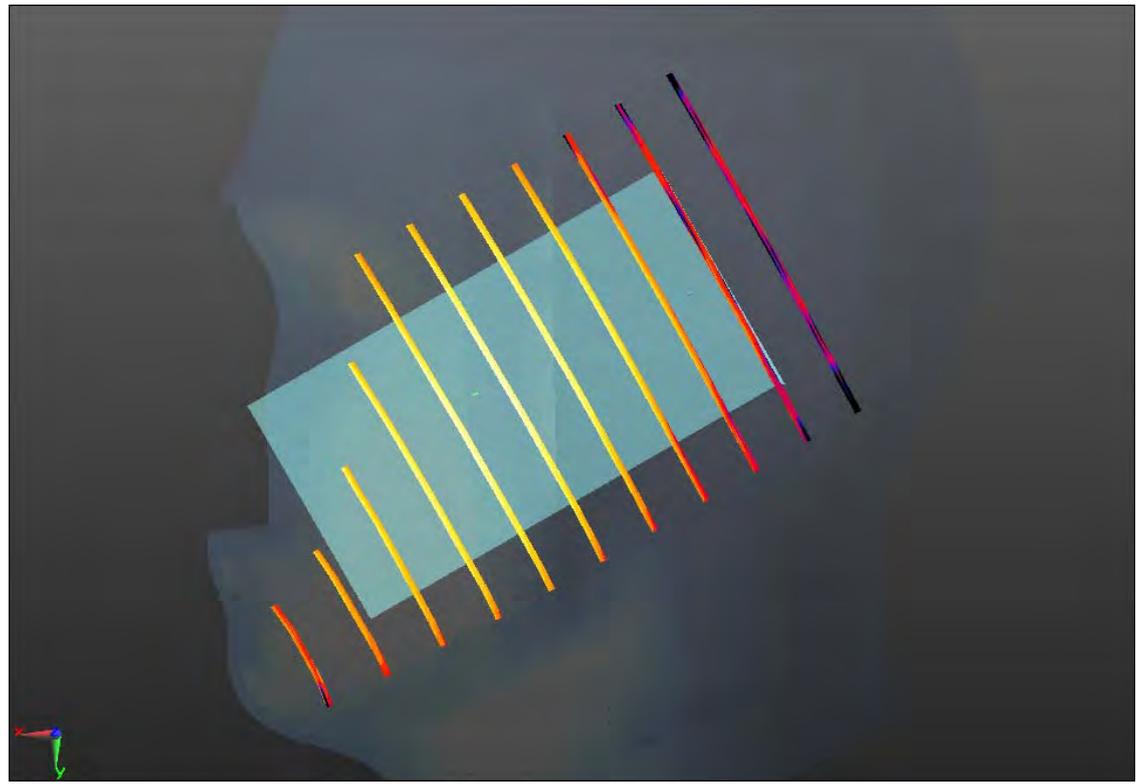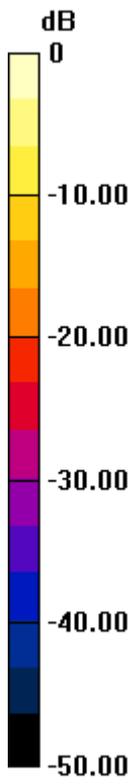**Ch580/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.732 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.152 W/kg
SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.100 mW/g
Total Absorbed Power = 0.00963181 W
Maximum value of SAR (measured) = 0.135 mW/g

0 dB = 0.140mW/g

#17 LTE Band 25_QPSK(1 0)_10M_Right Cheek_26365_volume scan

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120906 Medium parameters used: f = 1882.5 MHz; σ = 1.424 mho/m; ε_r =

39.992; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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)

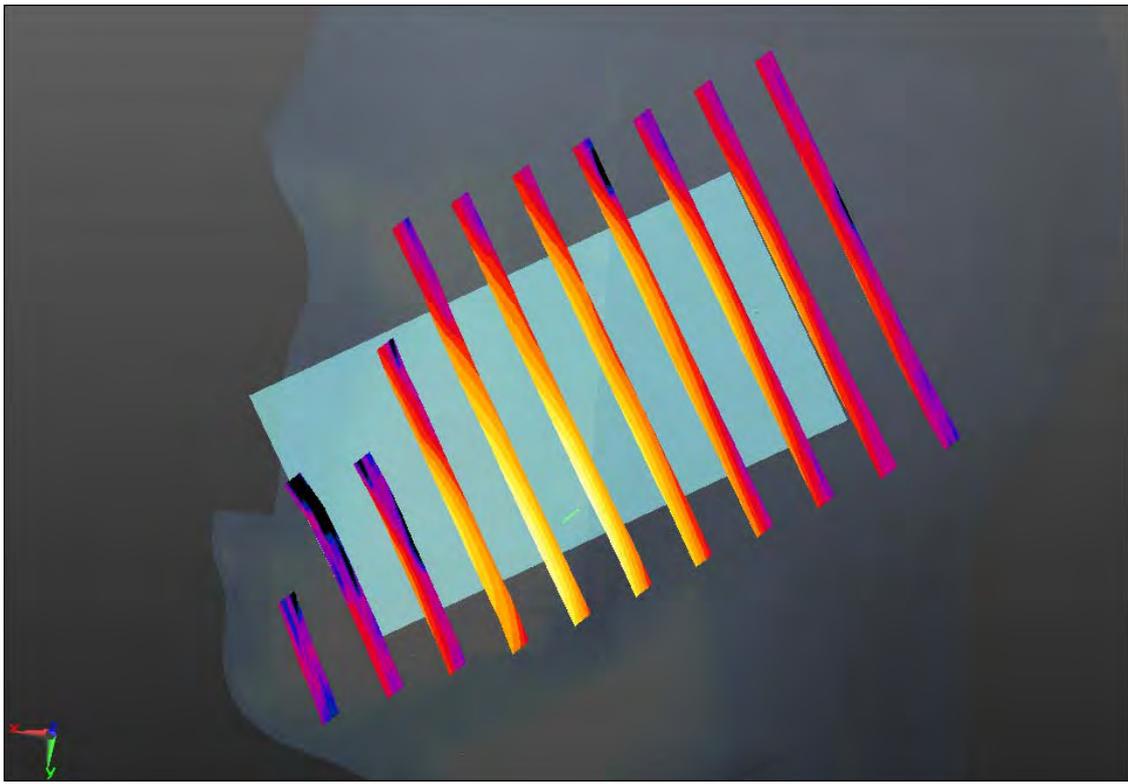**Ch26365/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.964 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.605 W/kg
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.633 mW/g
Total Absorbed Power = 0.0265816 W
Maximum value of SAR (measured) = 1.477 mW/g

0 dB = 1.480mW/g

#37 802.11b_Right Cheek_Ch11_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120906 Medium parameters used: f = 2462 MHz; σ = 1.842 mho/m; ε$_r$ =

40.039; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

Ch777/Volume Scan (14x21x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
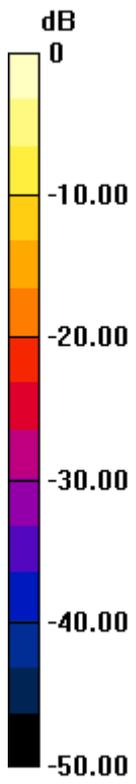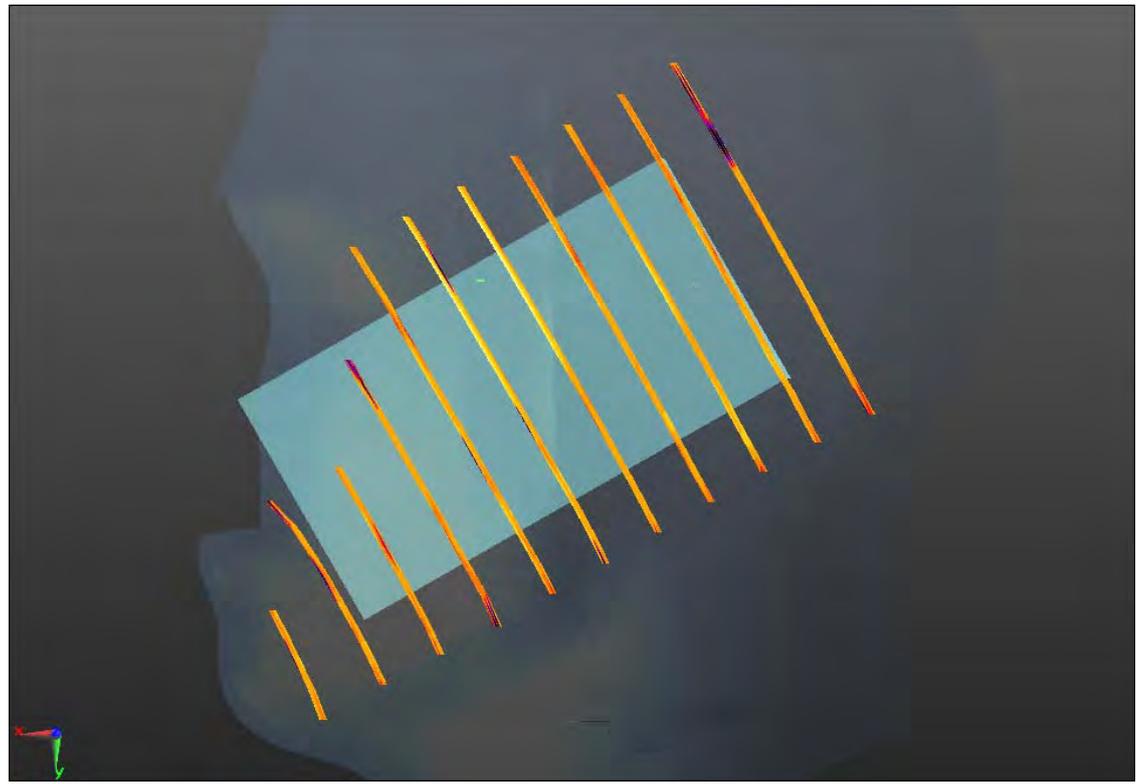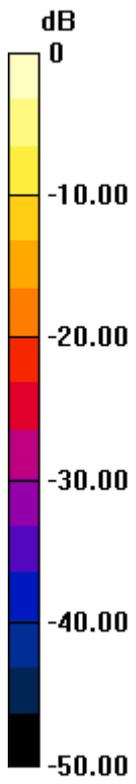Reference Value = 2.788 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.178 W/kg
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.030 mW/g
Total Absorbed Power = 0.000562474 W
Maximum value of SAR (measured) = 0.098 mW/g

0 dB = 0.100mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/6

#150 CDMA2000 BC10_RC3 SO55_Right Cheek_Ch580_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_835_120906 Medium parameters used: f = 820.5 MHz; σ = 0.903 mho/m; ε_r = 41.185; ρ =

1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/6

#17 LTE Band 25_QPSK(1 0)_10M_Right Cheek_26365_volume scan

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1900_120906 Medium parameters used: f = 1882.5 MHz; σ = 1.424 mho/m; ε_r = 39.992;

ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/6

#37 802.11b_Right Cheek_Ch11_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_2450_120906 Medium parameters used: f = 2462 MHz; σ = 1.842 mho/m; ε_r = 40.039; ρ

= 1000 kg/m^3
Phantom section: Right Section
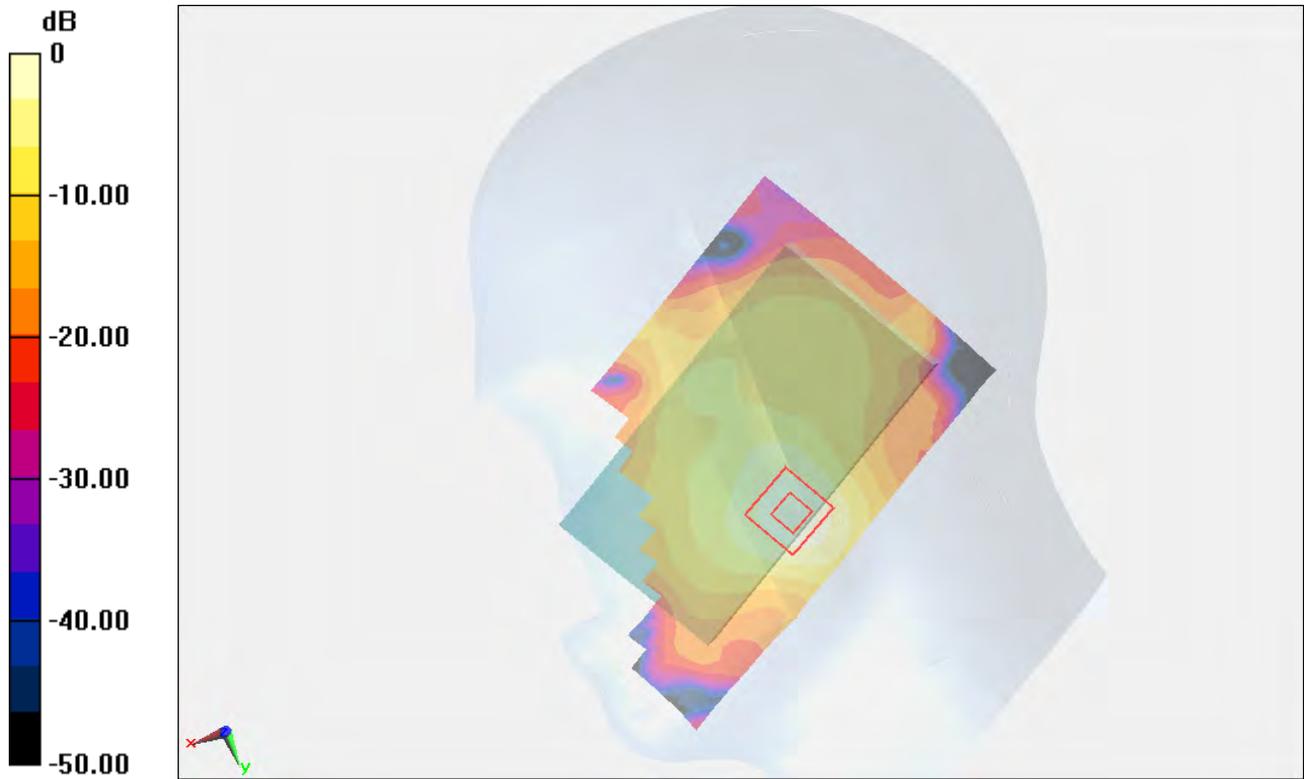Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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

Multi Band Result:
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.694 mW/g
Maximum value of SAR (interpolated) = 2.62 W/kg

0 dB = 2.62 W/kg = 8.37 dB W/kg

#136 CDMA BC1_RC3 SO55_Left Cheek_600_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120906 Medium parameters used: f = 1880 MHz; σ = 1.422 mho/m; ε_r =

40.001; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

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)

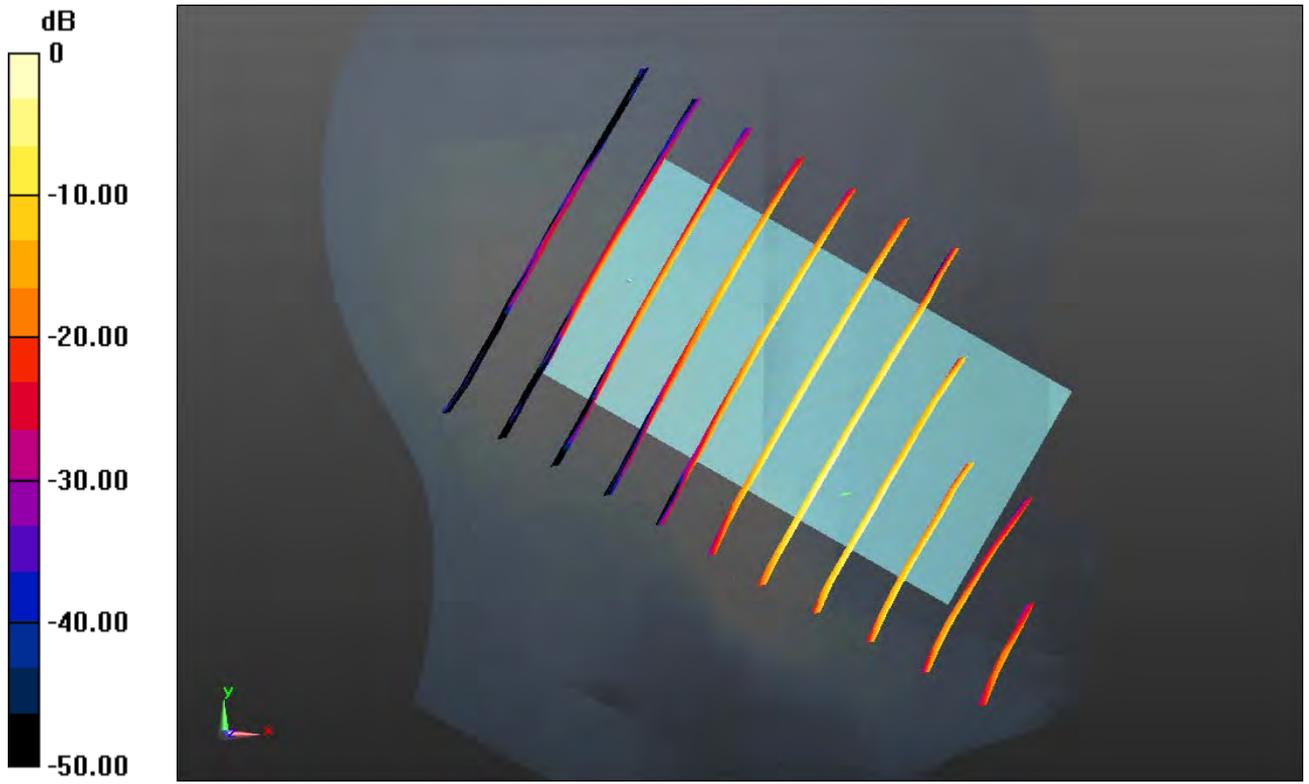**Ch600/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.873 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.963 W/kg
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.694 mW/g
Total Absorbed Power = 0.060198 W
Maximum value of SAR (measured) = 1.282 mW/g

0 dB = 1.280mW/g

#153 LTE Band 25_QPSK(1 0)_10M_Left Cheek_26365__volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120906 Medium parameters used: f = 1880 MHz; σ = 1.422 mho/m; ε_r =

40.001; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

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)

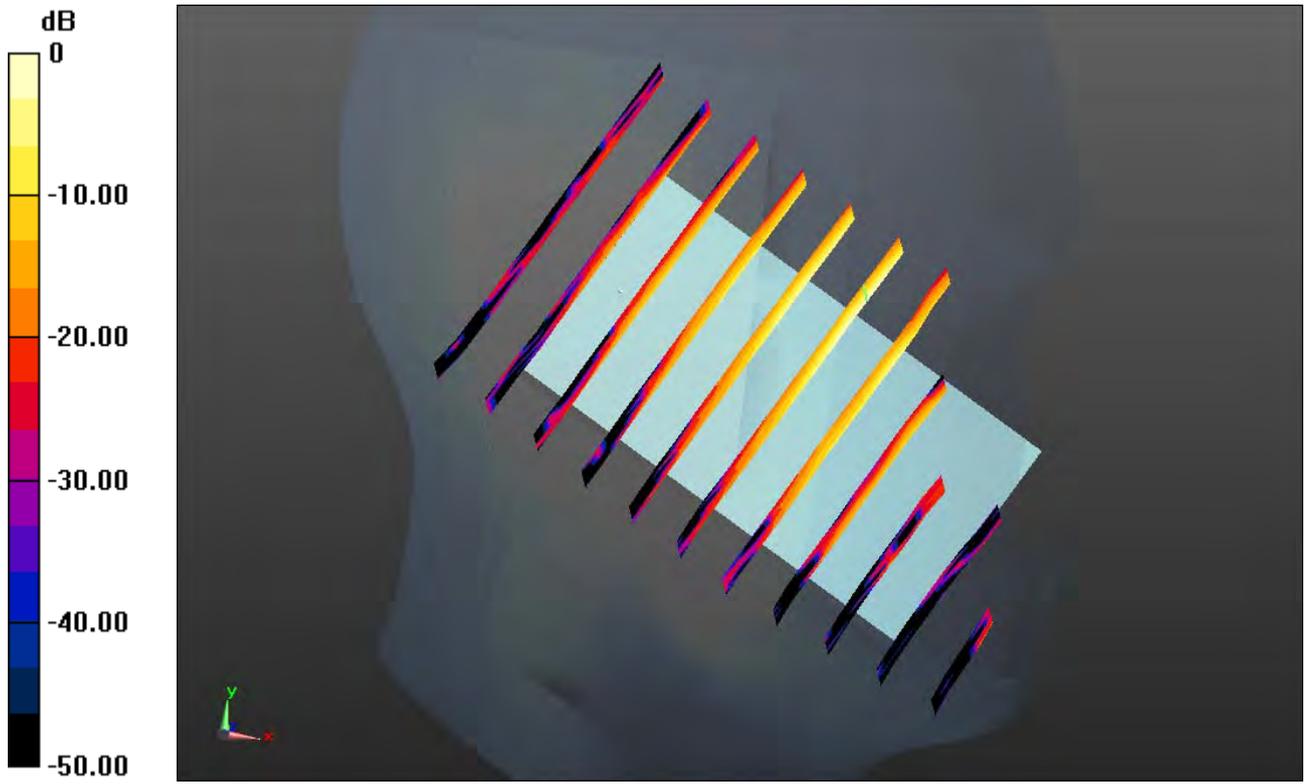**Ch600/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.128 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.795 W/kg
SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.133 mW/g
Total Absorbed Power = 0.00559604 W
Maximum value of SAR (measured) = 0.277 mW/g

0 dB = 0.280mW/g

#39 802.11b_Left Cheek_Ch11_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_120906 Medium parameters used: f = 2462 MHz; σ = 1.842 mho/m; ε_r =

40.039; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

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)

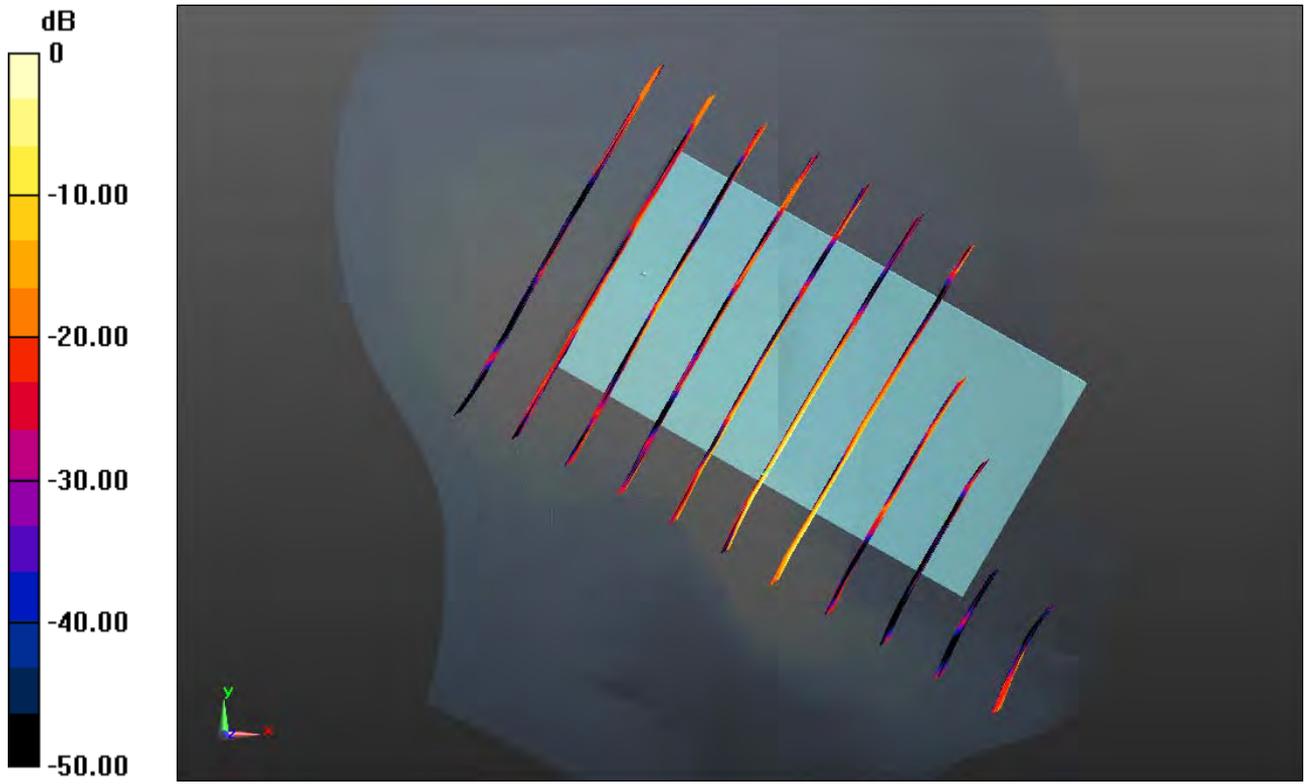**Ch777/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.713 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.382 W/kg
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.077 mW/g
Total Absorbed Power = 0.00148843 W
Maximum value of SAR (measured) = 0.196 mW/g

0 dB = 0.200mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/6

#136 CDMA BC1_RC3 SO55_Left Cheek_600_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1900_120906 Medium parameters used: f = 1880 MHz; σ = 1.422 mho/m; ε_r = 40.001; ρ

= 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/6

#153 LTE Band 25_QPSK(1 0)_10M_Left Cheek_26365_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_1900_120906 Medium parameters used: f = 1880 MHz; σ = 1.422 mho/m; ε_r = 40.001; ρ

= 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/6

#39 802.11b_Left Cheek_Ch11_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL_2450_120906 Medium parameters used: f = 2462 MHz; σ = 1.842 mho/m; ε_r = 40.039; ρ

= 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012/6/20;
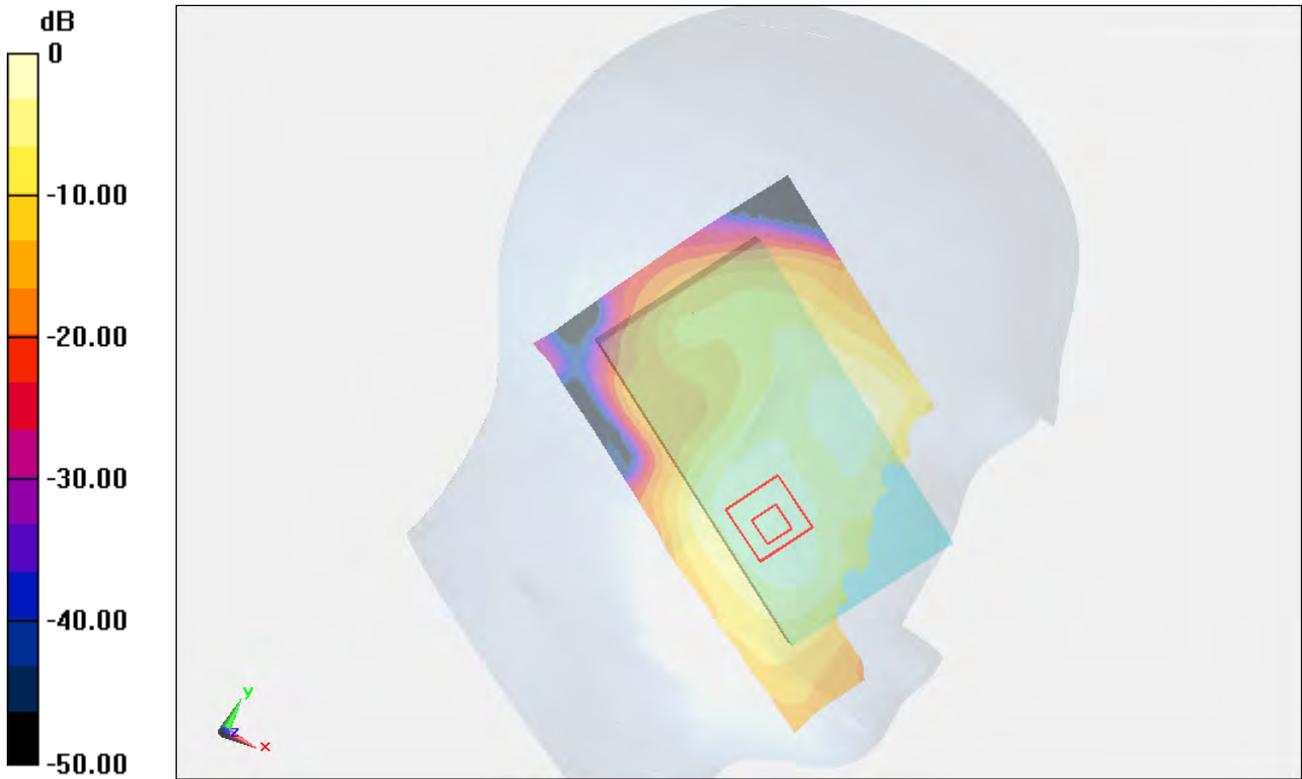- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)
- ¿ Electronics: DAE4 Sn1210; Calibrated: 2011/11/18

Multi Band Result:
SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.736 mW/g
Maximum value of SAR (interpolated) = 2.06 W/kg

0 dB = 2.06 W/kg = 6.28 dB W/kg

#111 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch384_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_120906 Medium parameters used: f = 837 MHz; σ = 0.979 mho/m; $ε_r$ = 54.377;

ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.4 ℃

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)

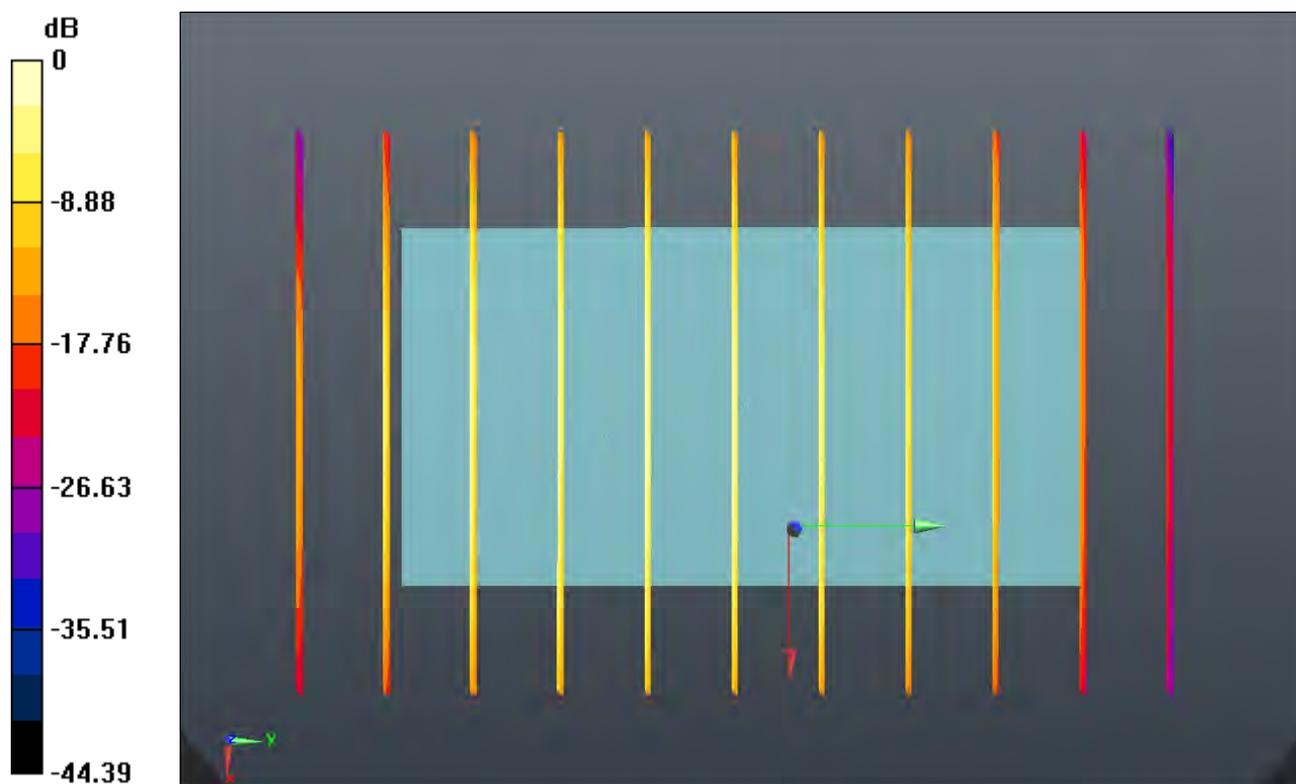**Ch384/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.721 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.685 W/kg
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.888 mW/g
Total Absorbed Power = 0.11901 W
Maximum value of SAR (measured) = 1.303 mW/g

0 dB = 1.300mW/g

#166 LTE Band 25_QPSK(1 0)_10M_Back_1cm_Ch26365_volume scan

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120905 Medium parameters used: f = 1882.5 MHz; σ = 1.511 mho/m; ε_r =

52.46; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.2 ℃

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)

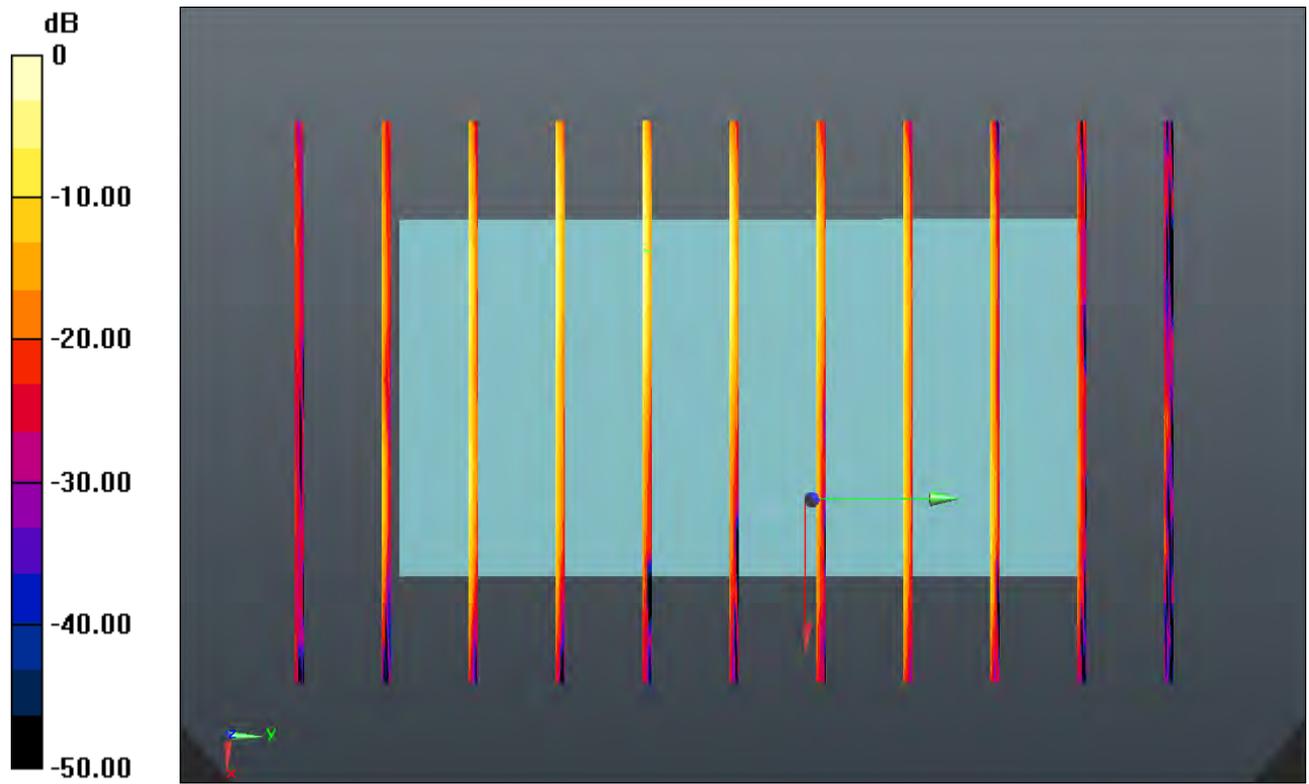**Ch26365/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.213 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.608 W/kg
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.170 mW/g
Total Absorbed Power = 0.0111836 W
Maximum value of SAR (measured) = 0.365 mW/g

0 dB = 0.370mW/g

#103 802.11b_Back_1cm_Ch11_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120905 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε$_r$ = 54.071; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.2 ℃

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)

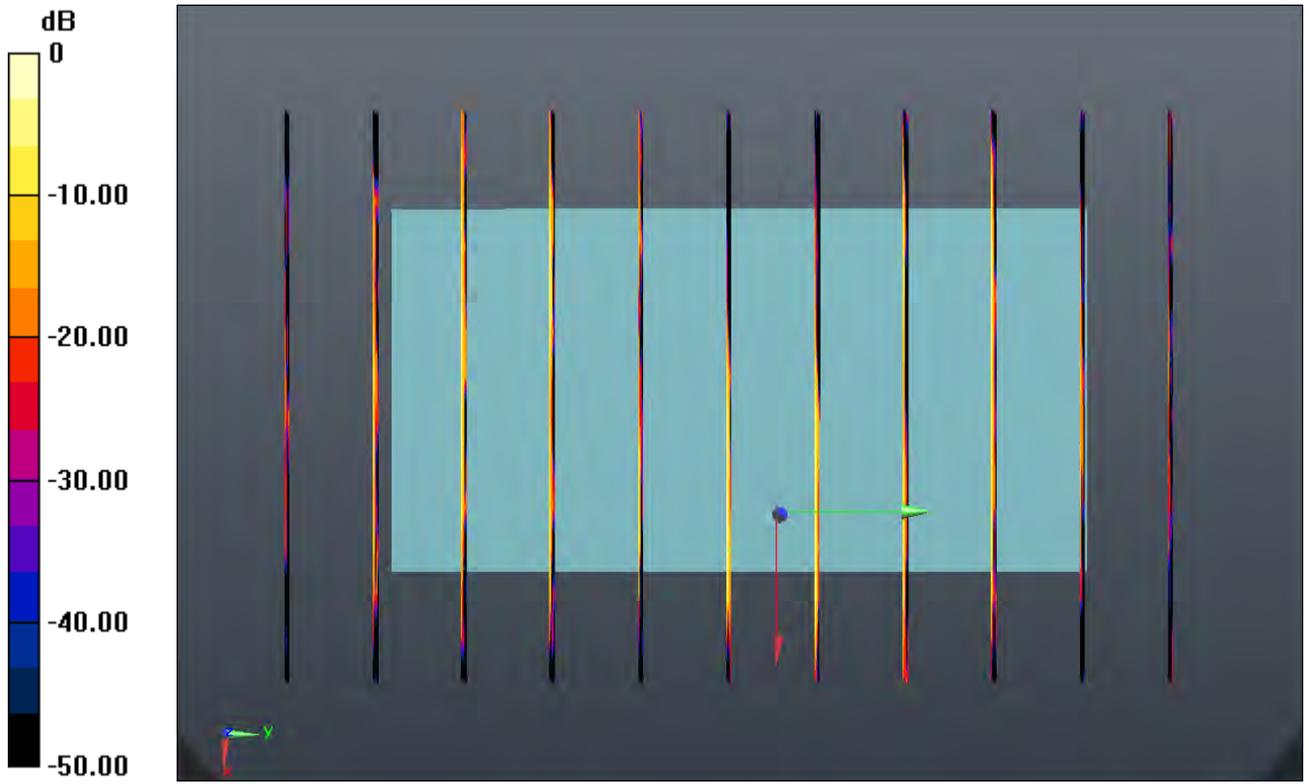**Ch11/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.693 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.051 mW/g
Total Absorbed Power = 0.00278856 W
Maximum value of SAR (measured) = 0.118 mW/g

0 dB = 0.120mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/6

#111 CDMA2000 BC0_RC3 SO32_Back_1cm_Ch384_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_835_120906 Medium parameters used: f = 837 MHz; σ = 0.979 mho/m; ε_r = 54.377; ρ =

1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/5

#166 LTE Band 25_QPSK(1 0)_10M_Back_1cm_Ch26365_volume scan

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120905 Medium parameters used : f = 1882.5 MHz; σ = 1.511 mho/m; ε_r = 52.46;

ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/5

#103 802.11b_Back_1cm_Ch11_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120905 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε_r = 54.071; ρ =

1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)

Multi Band Result:

SAR(1 g) = 1.5 mW/g; SAR(10 g) = 1.08 mW/g

Maximum value of SAR (interpolated) = 2.06 W/kg

0 dB = 2.06 W/kg = 6.28 dB W/kg

#138 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120905 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r =

52.468; ρ = 1000 kg/m^3
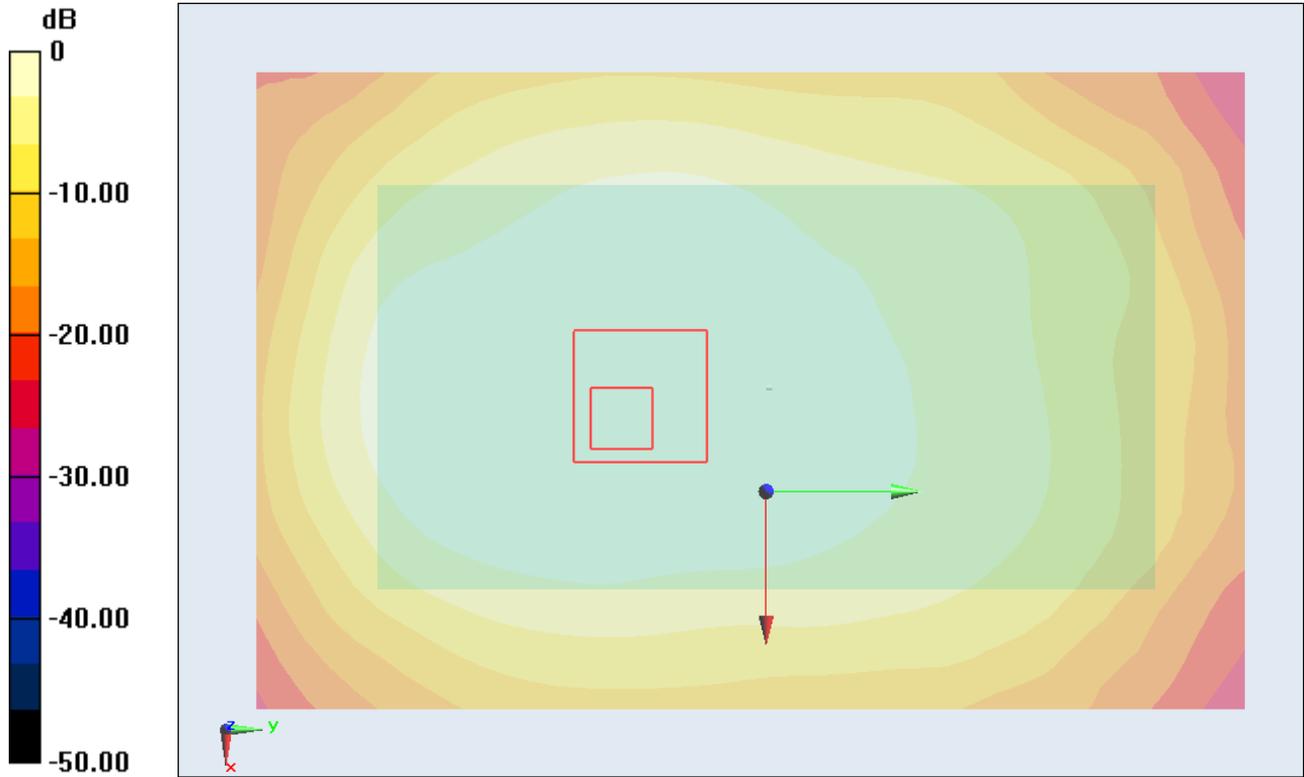Ambient Temperature：23.1 ℃；Liquid Temperature：21.2 ℃

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)

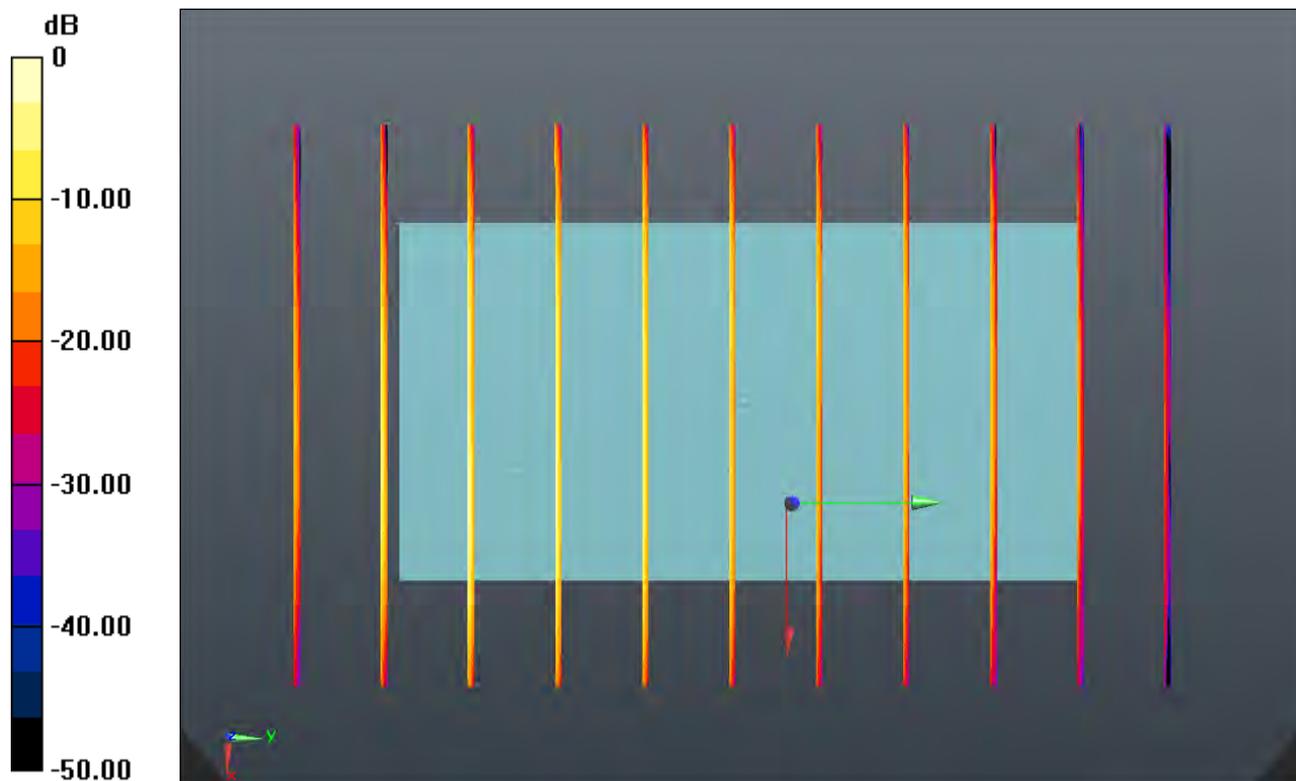**Ch26365/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.501 V/m; Power Drift = 0.0042 dB
Peak SAR (extrapolated) = 2.362 W/kg
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.735 mW/g
Total Absorbed Power = 0.0601538 W
Maximum value of SAR (measured) = 1.410 mW/g

0 dB = 1.410mW/g

#166 LTE Band 25_QPSK(1 0)_10M_Back_1cm_Ch26365_volume scan

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120905 Medium parameters used: f = 1882.5 MHz; σ = 1.511 mho/m; ε_r =

52.46; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.2 ℃

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)

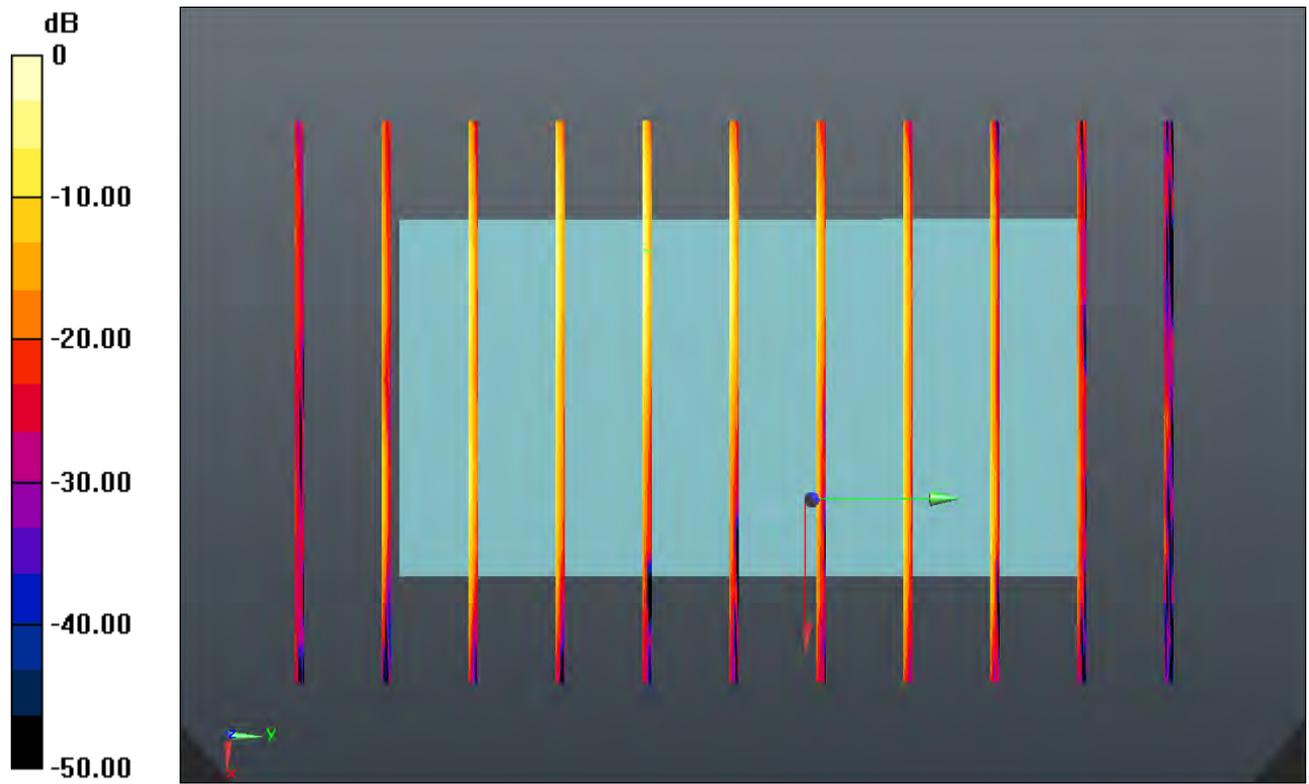**Ch26365/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.213 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.608 W/kg
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.170 mW/g
Total Absorbed Power = 0.0111836 W
Maximum value of SAR (measured) = 0.365 mW/g

0 dB = 0.370mW/g

#103 802.11b_Back_1cm_Ch11_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120905 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε$_r$ = 54.071; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.2 ℃

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)

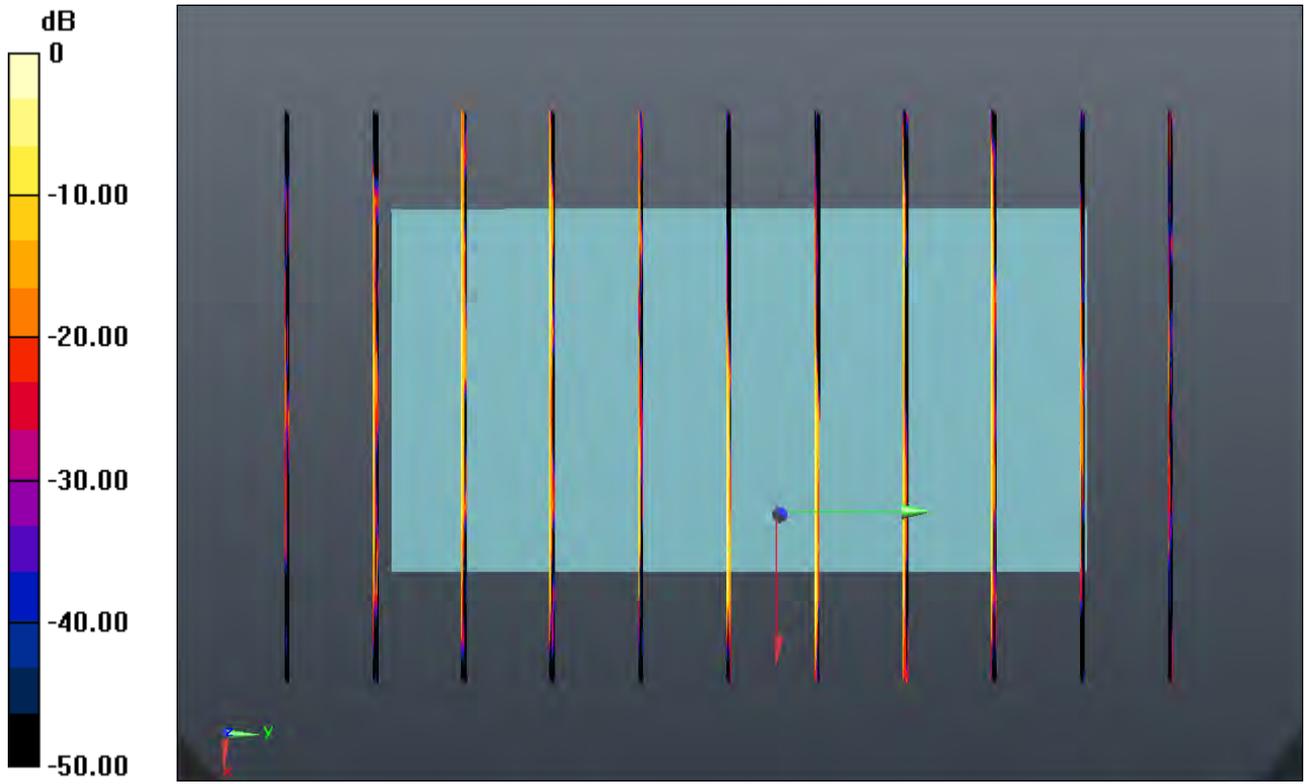**Ch11/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.693 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.051 mW/g
Total Absorbed Power = 0.00278856 W
Maximum value of SAR (measured) = 0.118 mW/g

0 dB = 0.120mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/5

#138 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120905 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ

= 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/5

#166 LTE Band 25_QPSK(1 0)_10M_Back_1cm_Ch26365_volume scan

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120905 Medium parameters used : f = 1882.5 MHz; σ = 1.511 mho/m; ε_r = 52.46;

ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/5

#103 802.11b_Back_1cm_Ch11_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120905 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε_r = 54.071; ρ =

1000 kg/m^3
Phantom section: Flat Section
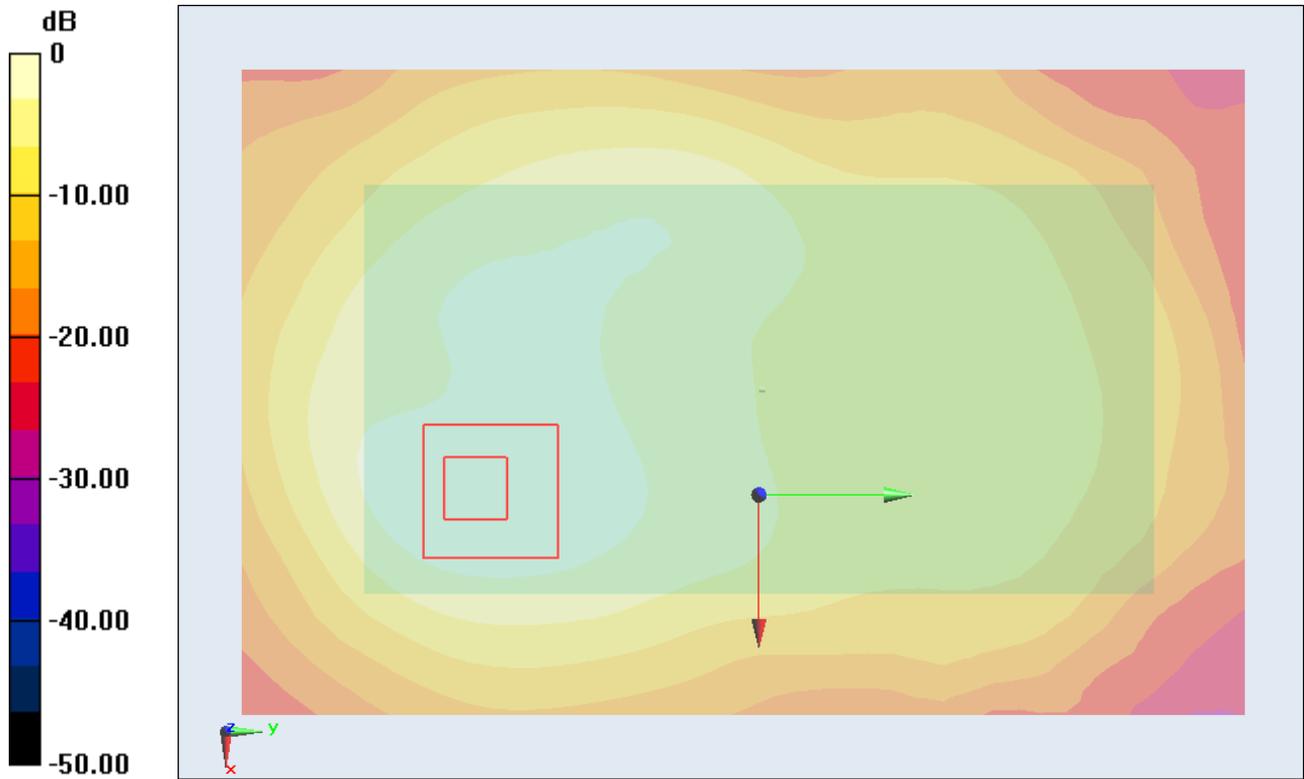Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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

Multi Band Result:
SAR(1 g) = 1.5 mW/g; SAR(10 g) = 0.818 mW/g
Maximum value of SAR (interpolated) = 2.61 W/kg

0 dB = 2.61 W/kg = 8.33 dB W/kg

#64 CDMA2000 BC10_RC3 SO32_Back_1cm_Ch580_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_120906 Medium parameters used: f = 820.5 MHz; σ = 0.963 mho/m; ε_r =

54.502; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.4 ℃

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)

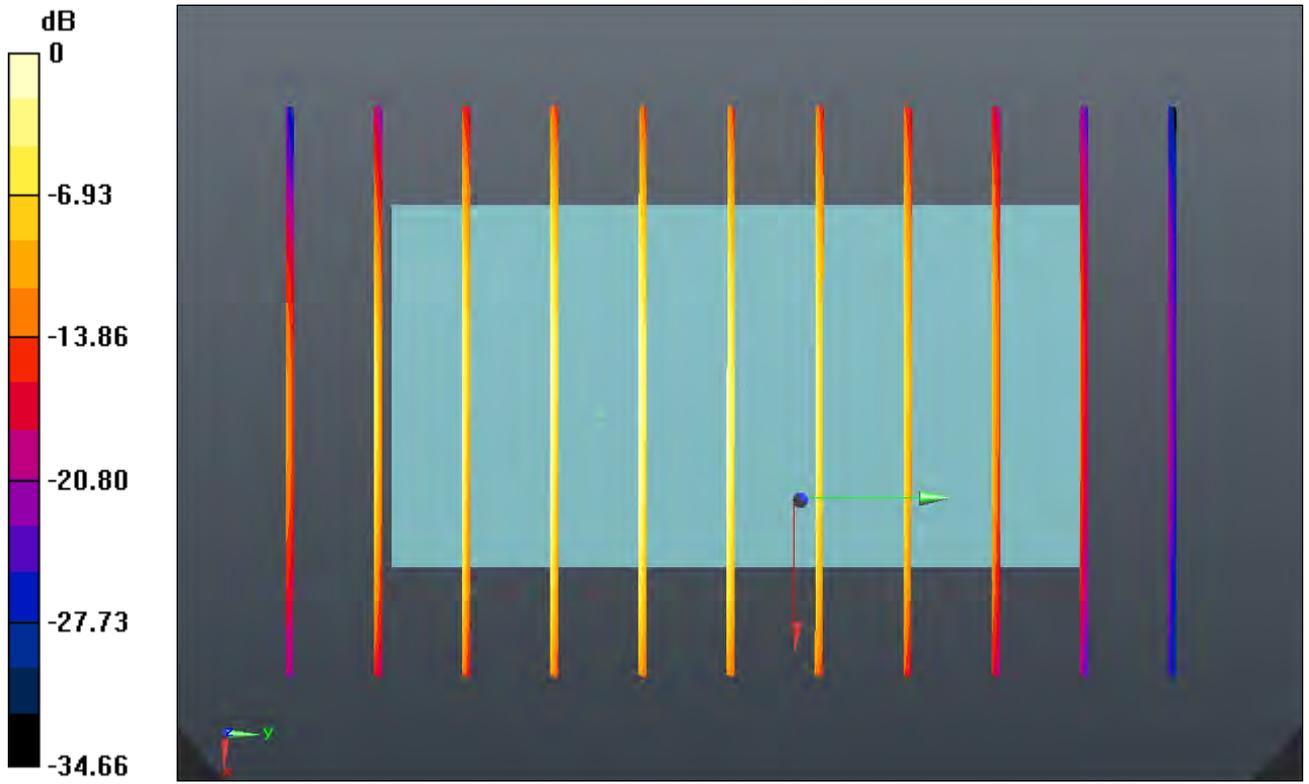**Ch580/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.800 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.601 W/kg
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.854 mW/g
Total Absorbed Power = 0.114917 W
Maximum value of SAR (measured) = 1.239 mW/g

0 dB = 1.240mW/g

#166 LTE Band 25_QPSK(1 0)_10M_Back_1cm_Ch26365_volume scan

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120905 Medium parameters used: f = 1882.5 MHz; σ = 1.511 mho/m; $ε_r$ =

52.46; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.2 ℃

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)

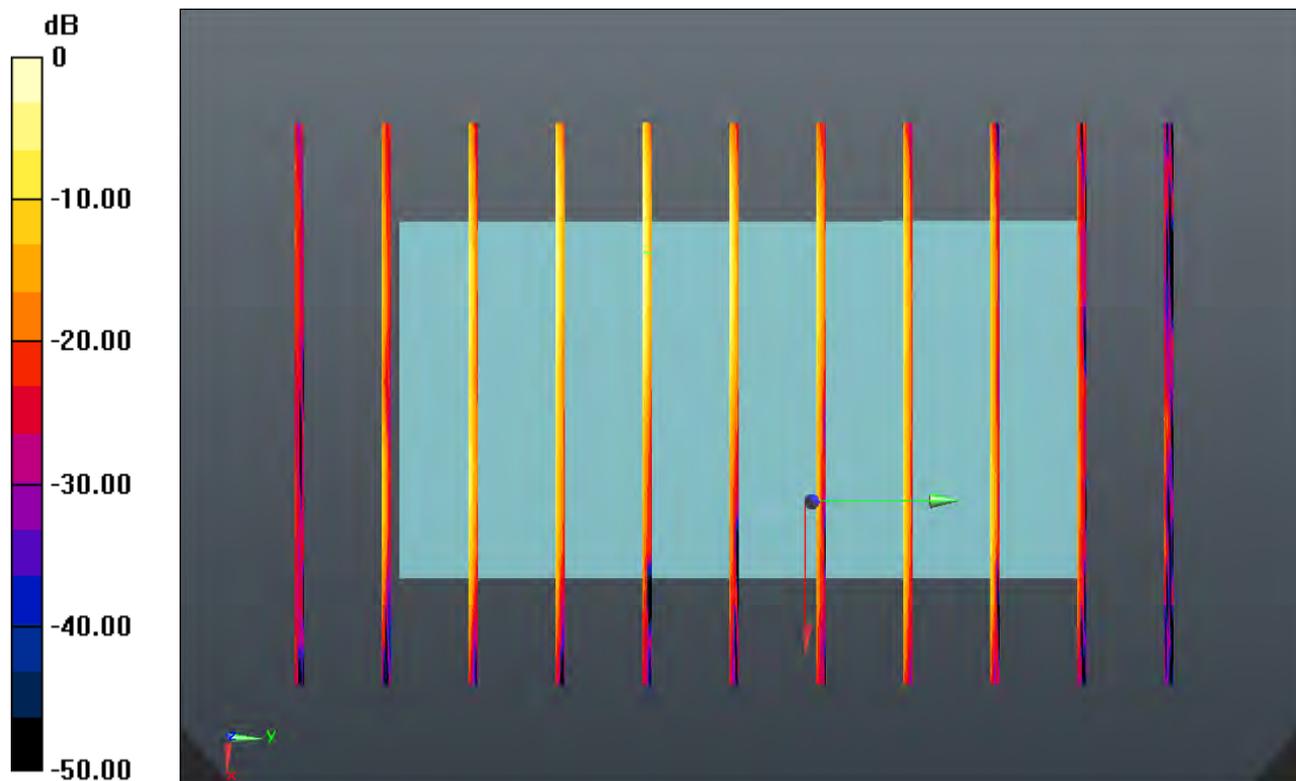**Ch26365/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.213 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.608 W/kg
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.170 mW/g
Total Absorbed Power = 0.0111836 W
Maximum value of SAR (measured) = 0.365 mW/g

0 dB = 0.370mW/g

#103 802.11b_Back_1cm_Ch11_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120905 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε_r = 54.071; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.2 ℃

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)

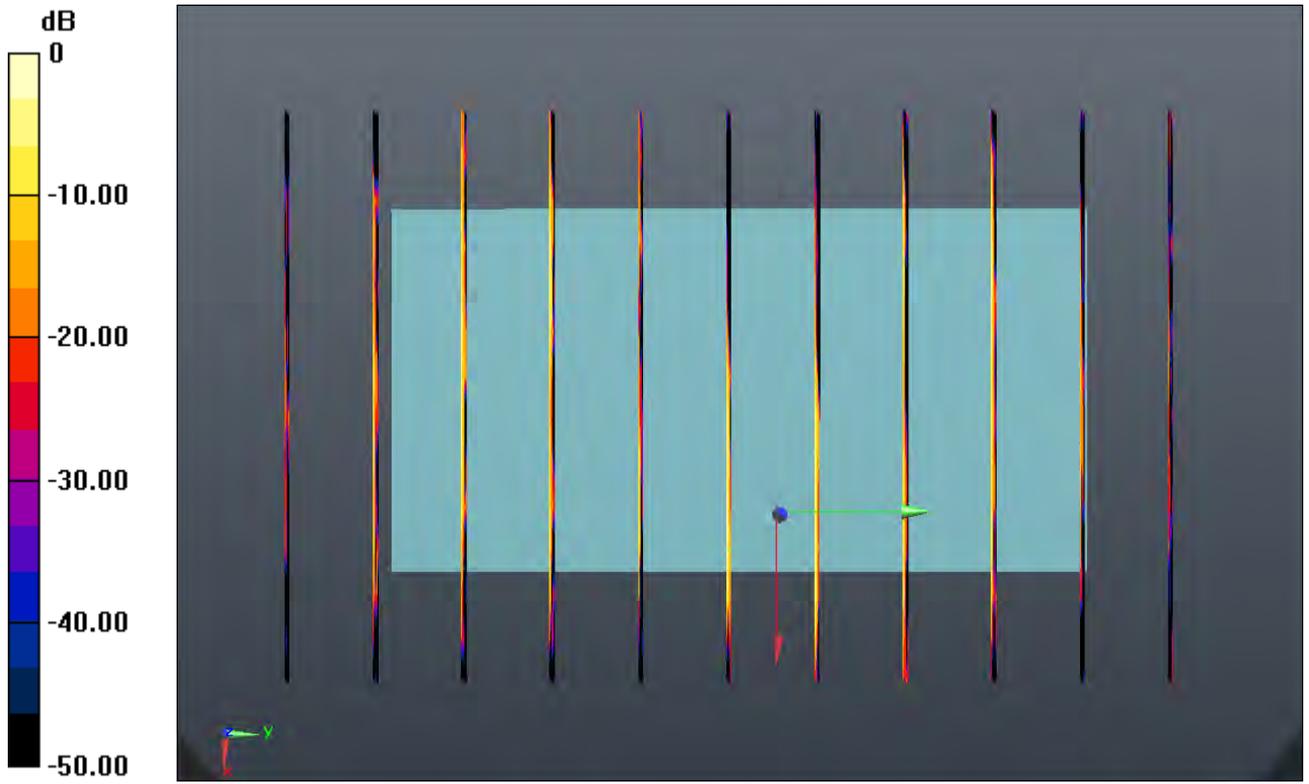**Ch11/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.693 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.051 mW/g
Total Absorbed Power = 0.00278856 W
Maximum value of SAR (measured) = 0.118 mW/g

0 dB = 0.120mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/6

#64 CDMA2000 BC10_RC3 SO32_Back_1cm_Ch580_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_835_120906 Medium parameters used : f = 820.5 MHz; σ = 0.963 mho/m; ε_r = 54.502; ρ

= 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/5

#166 LTE Band 25_QPSK(1 0)_10M_Back_1cm_Ch26365_volume scan

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120905 Medium parameters used : f = 1882.5 MHz; σ = 1.511 mho/m; ε_r = 52.46;

ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/5

#103 802.11b_Back_1cm_Ch11_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120905 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε_r = 54.071; ρ =

1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
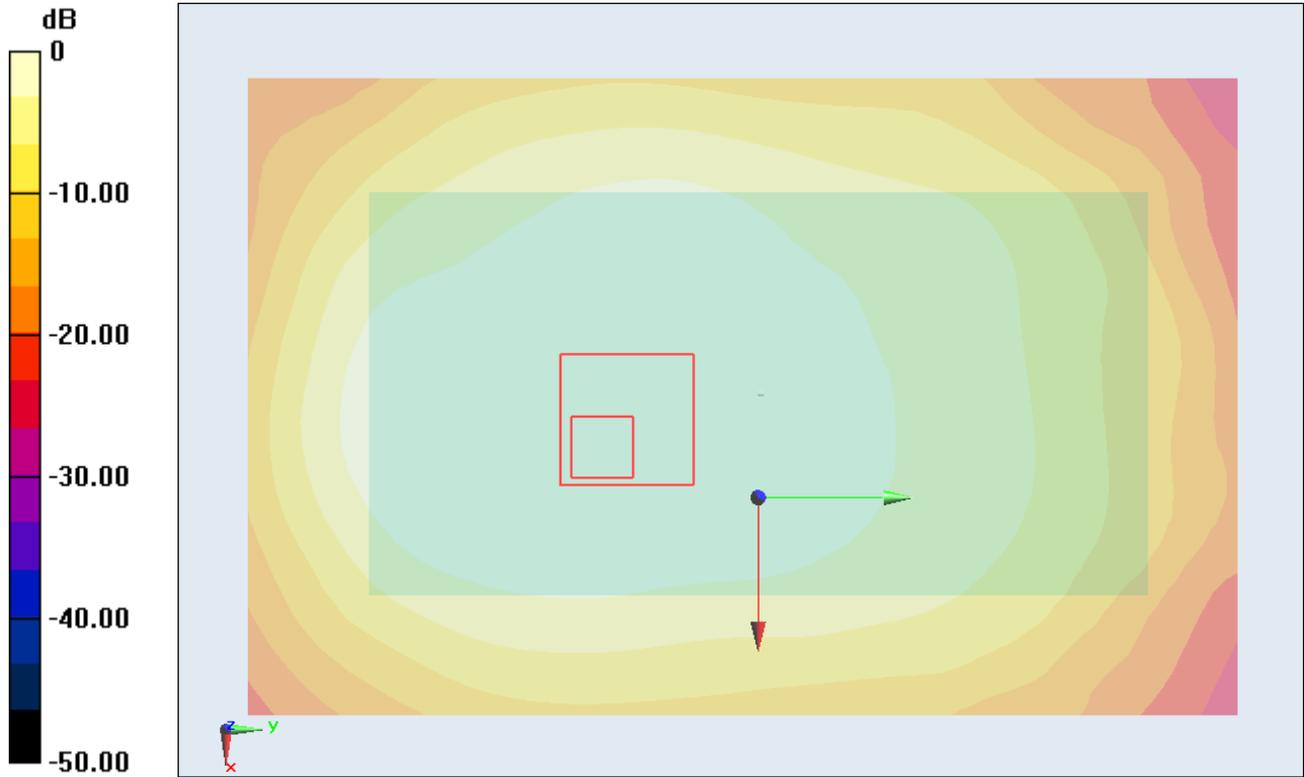
- ¿ Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)

Multi Band Result:

SAR(1 g) = 1.39 mW/g; SAR(10 g) = 1.01 mW/g

Maximum value of SAR (interpolated) = 1.92 W/kg

0 dB = 1.92 W/kg = 5.67 dB W/kg

#57 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600_Headset_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120905 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε$_r$ =

52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.1℃；Liquid Temperature：21.2℃

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)

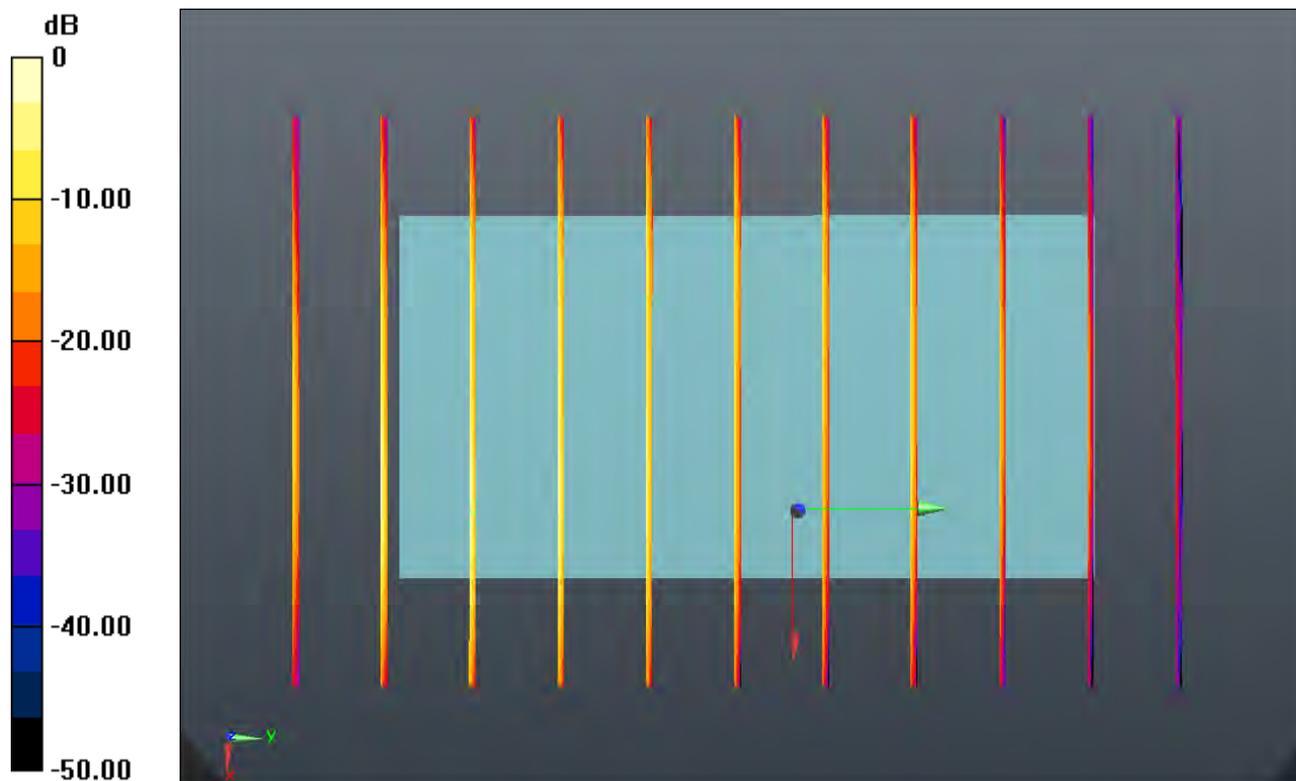**Ch600/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.388 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.375 W/kg
SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.758 mW/g
Total Absorbed Power = 0.0587475 W
Maximum value of SAR (measured) = 1.445 mW/g

0 dB = 1.450mW/g

#168 LTE Band 25_QPSK(1 0)_10M_Back_1cm_Ch26365_Headset_volume scan

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120905 Medium parameters used: f = 1882.5 MHz; σ = 1.511 mho/m; ε_r =

52.46; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：21.2 ℃

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)

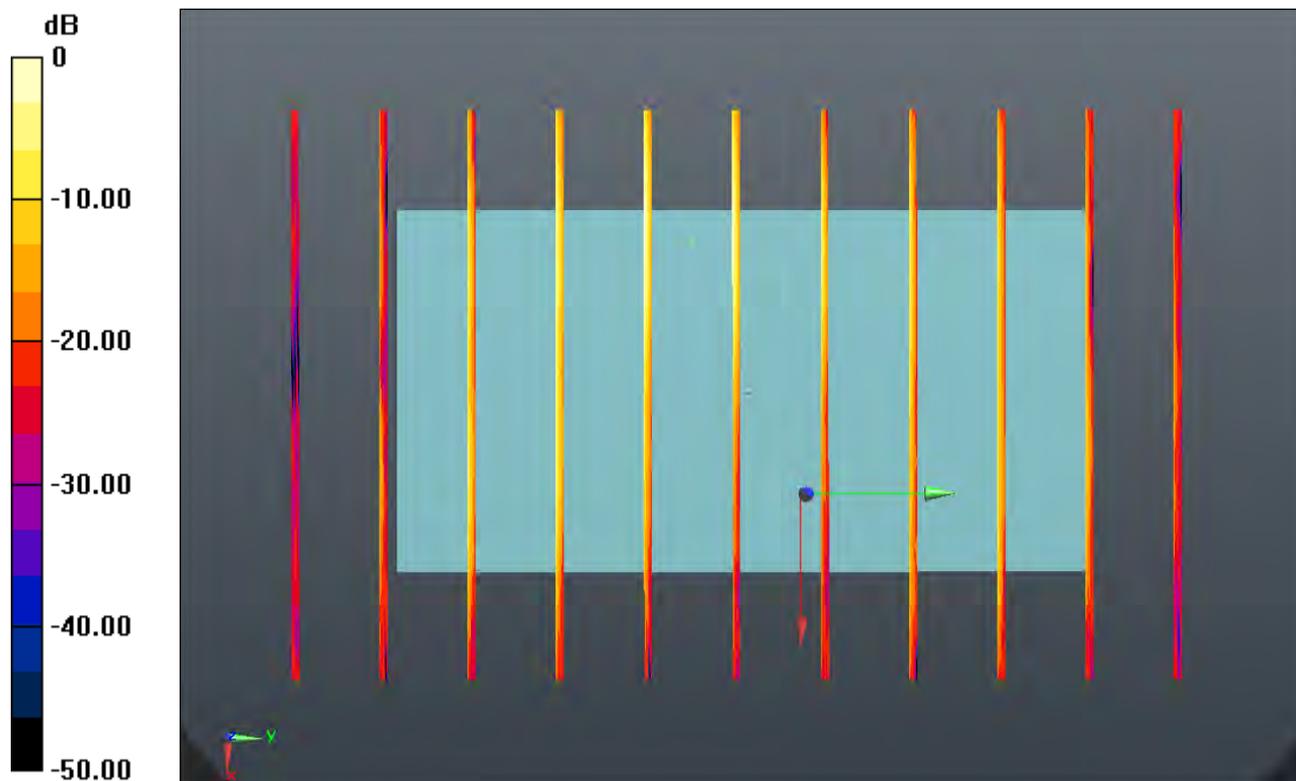**Ch26365/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.300 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.614 W/kg
SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.183 mW/g
Total Absorbed Power = 0.0127657 W
Maximum value of SAR (measured) = 0.373 mW/g

0 dB = 0.370mW/g

#105 802.11b_Back_1cm_Ch11_Headset_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120905 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; $ε_r$ = 54.071; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.2 ℃

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)

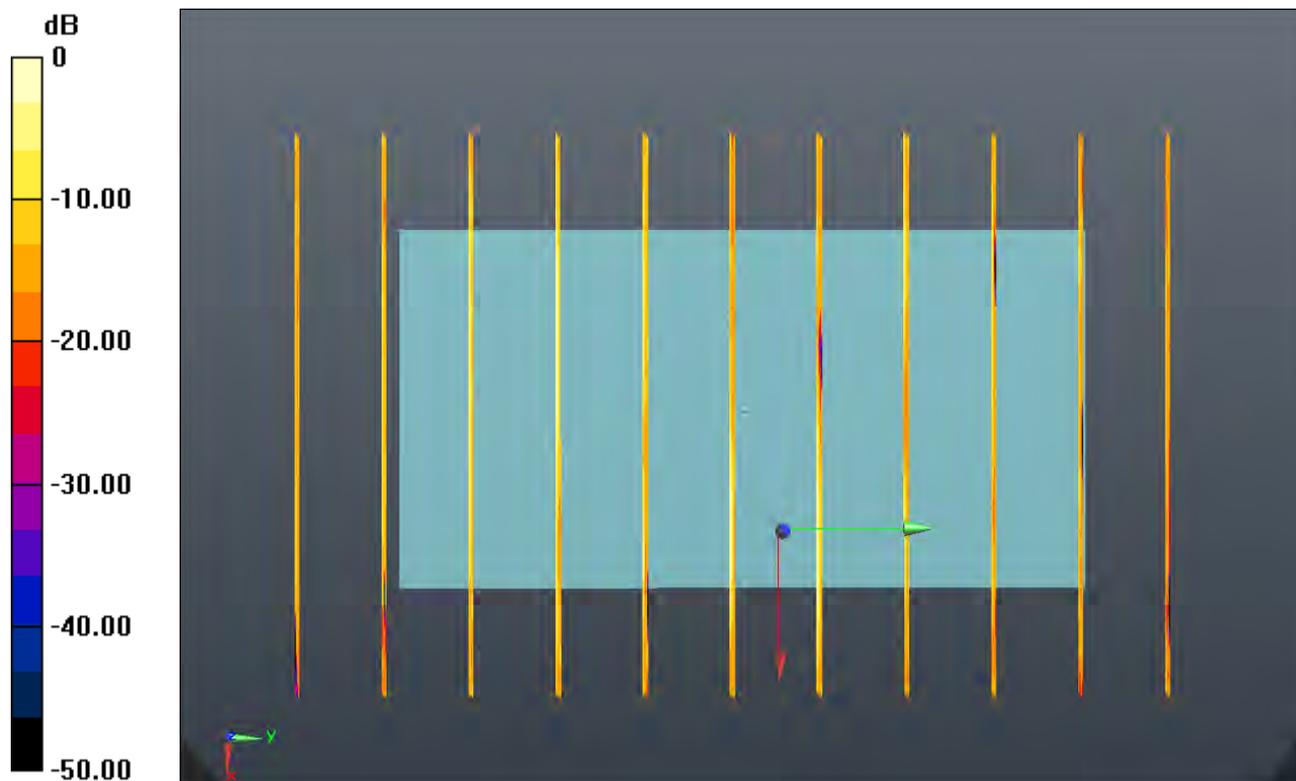**Ch11/Volume Scan (14x21x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.830 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.293 W/kg
SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.034 mW/g
Total Absorbed Power = 0.00141769 W
Maximum value of SAR (measured) = 0.077 mW/g

0 dB = 0.080mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/5

#57 CDMA2000 BC1_RC3 SO32_Back_1cm_Ch600_Headset_volume scan

DUT: 281701

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120905 Medium parameters used: f = 1880 MHz; σ = 1.509 mho/m; ε_r = 52.468; ρ

= 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/5

#168 LTE Band 25_QPSK(1 0)_10M_Back_1cm_Ch26365_Headset_volume scan

DUT: 281701

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_1900_120905 Medium parameters used : f = 1882.5 MHz; σ = 1.511 mho/m; ε_r = 52.46;

ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ 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)

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab   Date: 2012/9/5

#105 802.11b_Back_1cm_Ch11_Headset_volume scan

DUT: 281701

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL_2450_120905 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε_r = 54.071; ρ =

1000 kg/m^3
Phantom section: Flat Section
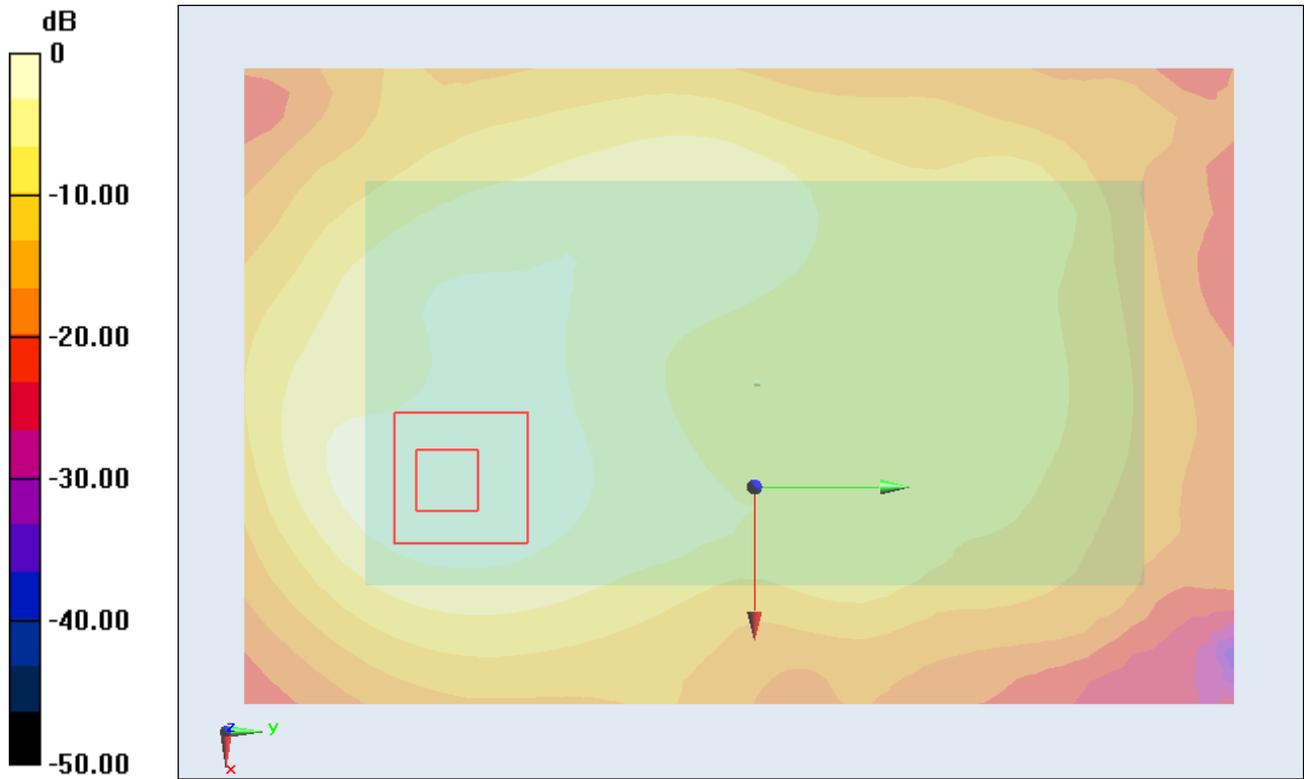Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- ¿ Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012/6/20;
- ¿ Sensor-Surface: 4mm (Mechanical Surface Detection)

Multi Band Result:
SAR(1 g) = 1.53 mW/g; SAR(10 g) = 0.846 mW/g
Maximum value of SAR (interpolated) = 2.60 W/kg

0 dB = 2.60 W/kg = 8.30 dB W/kg