Appendix A.   *Plots of System Performance Check*

The plots are shown as follows.

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Page Number   : A1 of A1

Report Issued Date : Jun. 27, 2012

Report Version   : Rev. 01

System Check_Body_835MHz_20120327

DUT: D835V2 - SN: 4d091

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_120327 Medium parameters used: f = 835 MHz; σ = 0.974 mho/m; ε_r = 54.252;

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
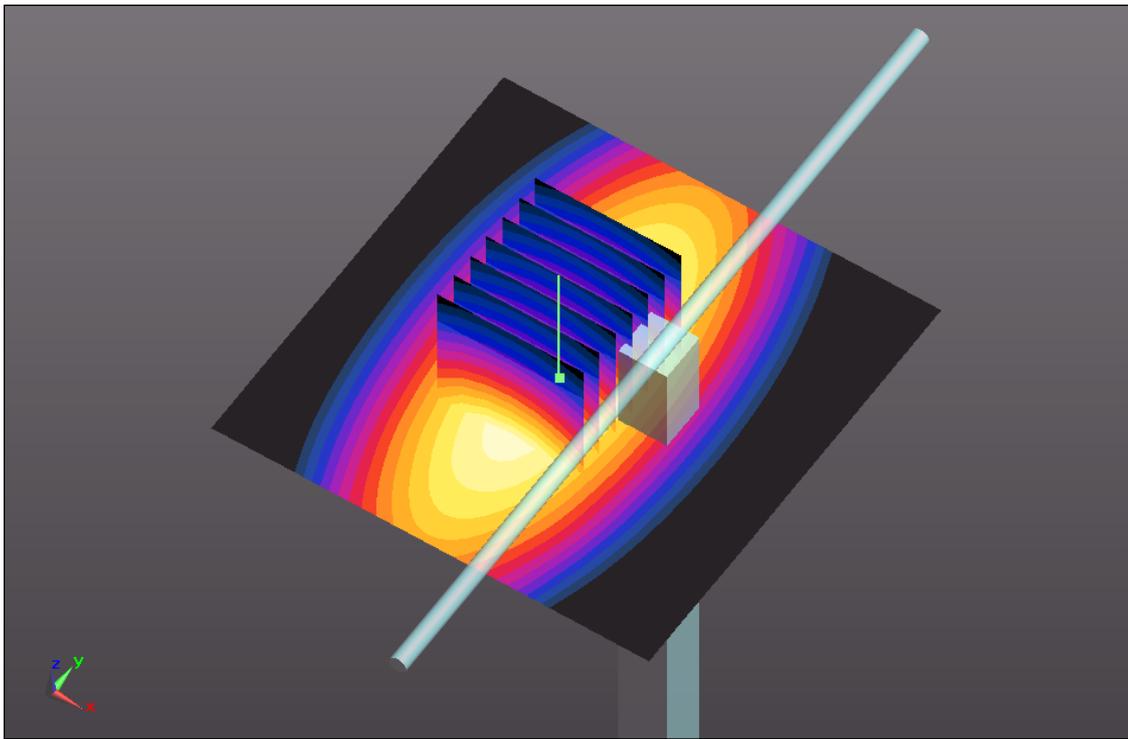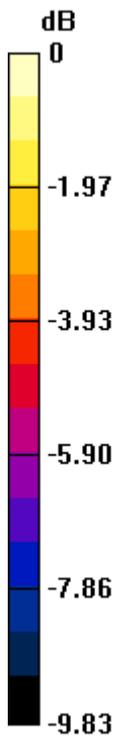Maximum value of SAR (interpolated) = 2.716 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, y=5mm, dz=5mm
Reference Value = 52.803 V/m; Power Drift = -0.00065 dB
Peak SAR (extrapolated) = 3.705 W/kg
SAR(1 g) = 2.51 mW/g; SAR(10 g) = 1.67 mW/g
Maximum value of SAR (measured) = 2.702 mW/g

0 dB = 2.700mW/g

System Check_Body_1900MHz_20120327

DUT: D1900V2 - SN: 5d118

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120327 Medium parameters used: f = 1900 MHz; σ = 1.519 mho/m; ε_r =

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
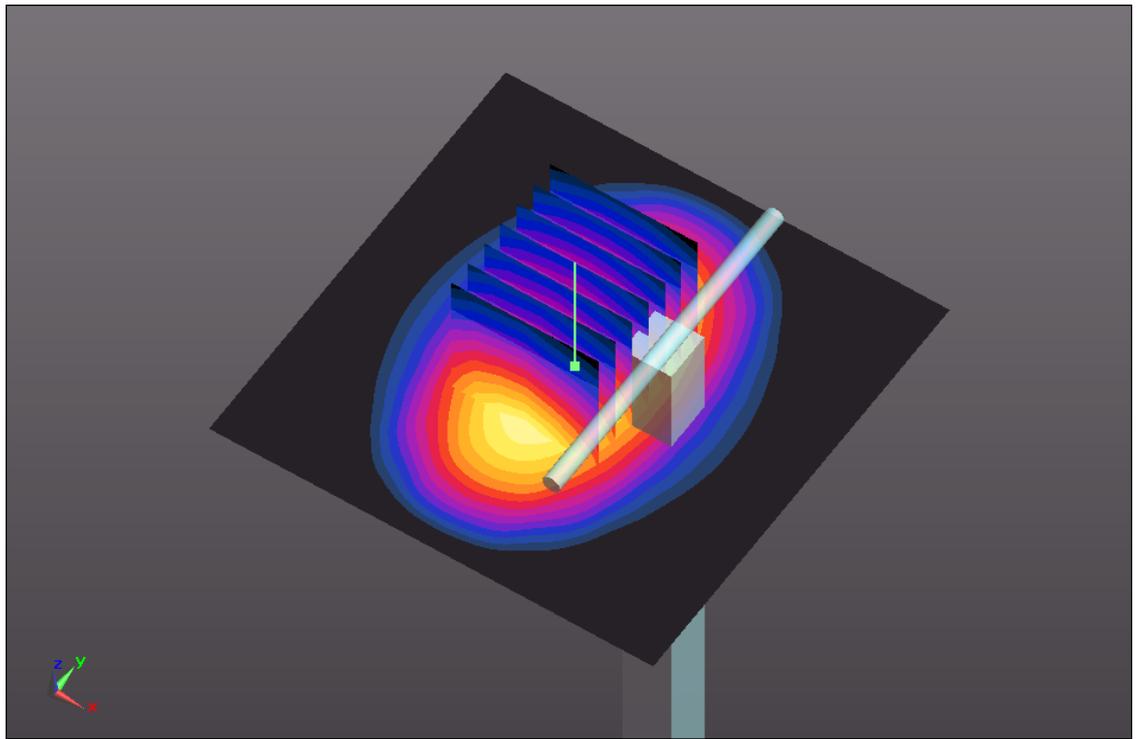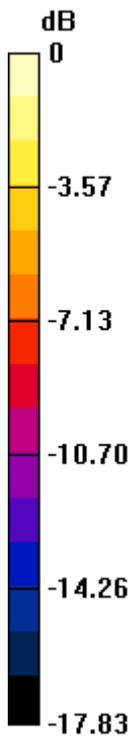Maximum value of SAR (interpolated) = 11.819 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 87.239 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 19.500 W/kg
SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.17 mW/g
Maximum value of SAR (measured) = 11.726 mW/g

0 dB = 11.730mW/g

System Check_Body_2450MHz_120612

DUT: D2450V2 - SN: 736

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120612 Medium parameters used: f = 2450 MHz; σ = 1.992 mho/m; ε_r =

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
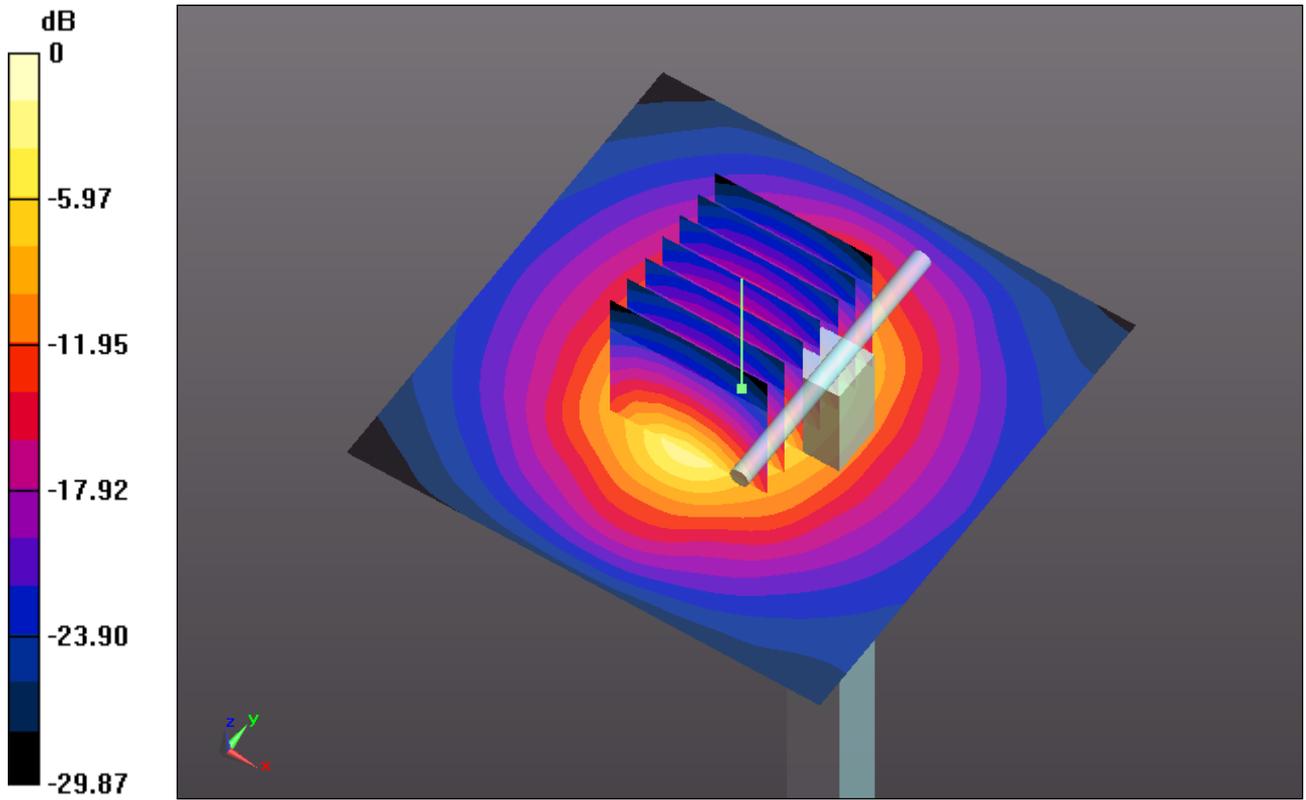Maximum value of SAR (interpolated) = 14.592 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 85.401 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 25.272 W/kg
SAR(1 g) = 12.7 mW/g; SAR(10 g) = 5.93 mW/g
Maximum value of SAR (measured) = 14.607 mW/g

0 dB = 14.590mW/g

Appendix B.   Plots of SAR Measurement

The plots are shown as follows.

#01 GSM850_GPRS12_Bottom Face_0cm_Ch128

DUT: 232102

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_120327 Medium parameters used: f = 824.2 MHz; σ = 0.964 mho/m; ε_r =

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm
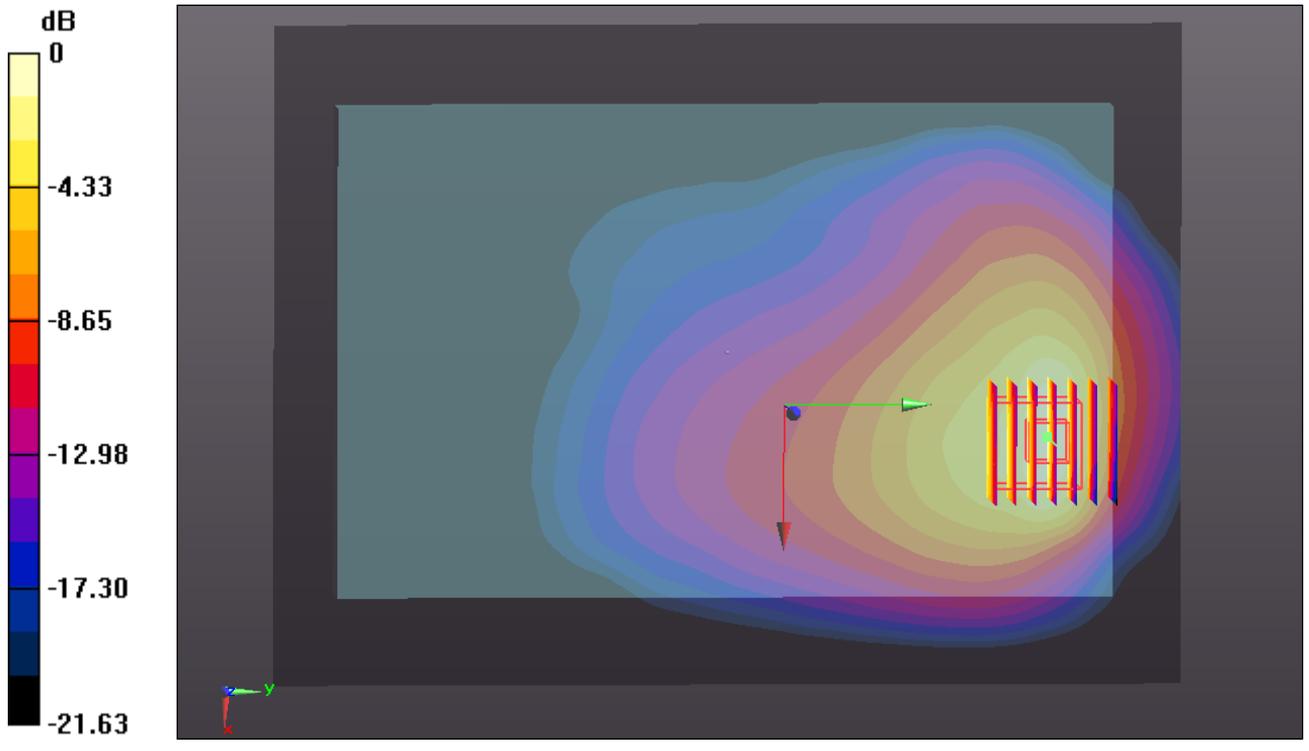Maximum value of SAR (interpolated) = 0.661 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.713 V/m; Power Drift = 0.135 dB
Peak SAR (extrapolated) = 1.230 W/kg
SAR(1 g) = 0.553 mW/g; SAR(10 g) = 0.276 mW/g
Maximum value of SAR (measured) = 0.646 mW/g

0 dB = 0.650mW/g

#01 GSM850_GPRS12_Bottom Face_0cm_Ch128_2D

DUT: 232102

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_120327 Medium parameters used: f = 824.2 MHz; σ = 0.964 mho/m; ε_r =
54.331; ρ = 1000 kg/m^3
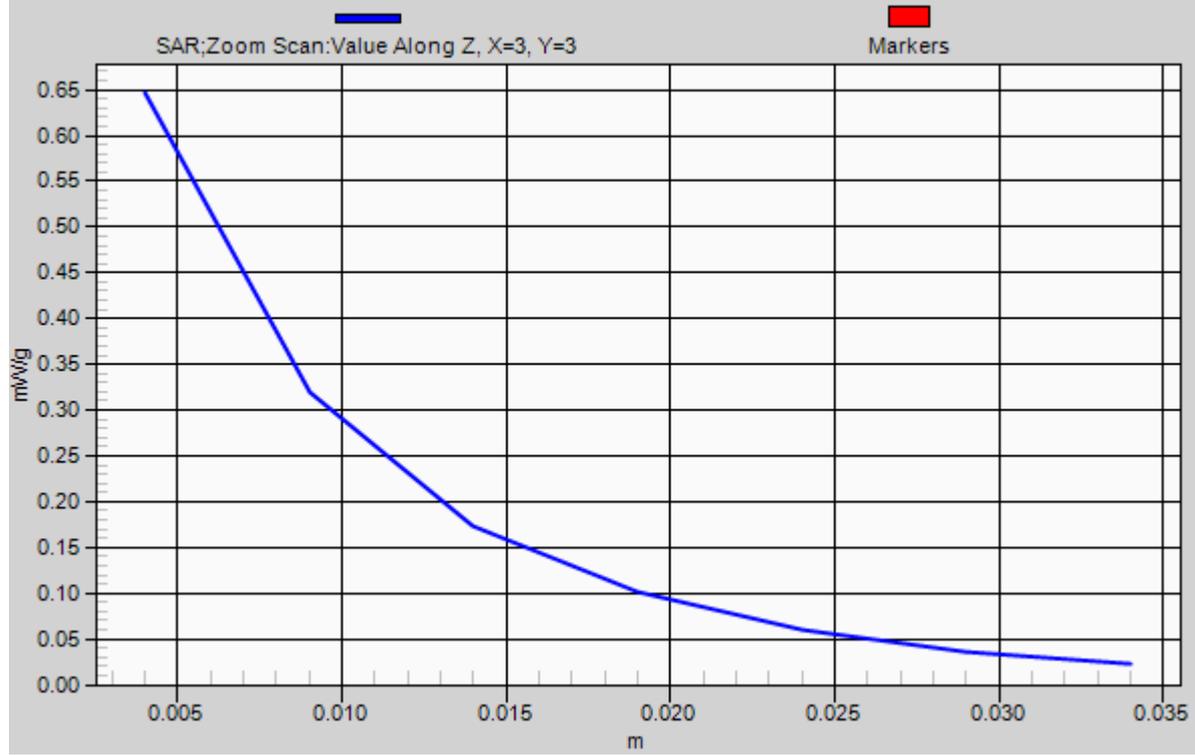Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.661 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.713 V/m; Power Drift = 0.135 dB
Peak SAR (extrapolated) = 1.230 W/kg
SAR(1 g) = 0.553 mW/g; SAR(10 g) = 0.276 mW/g
Maximum value of SAR (measured) = 0.646 mW/g

1g/10g Averaged SAR

#02 GSM850_GPRS12_Secondary Portrait_0cm_Ch128

DUT: 232102

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_120327 Medium parameters used: f = 824.2 MHz; σ = 0.964 mho/m; ε_r =

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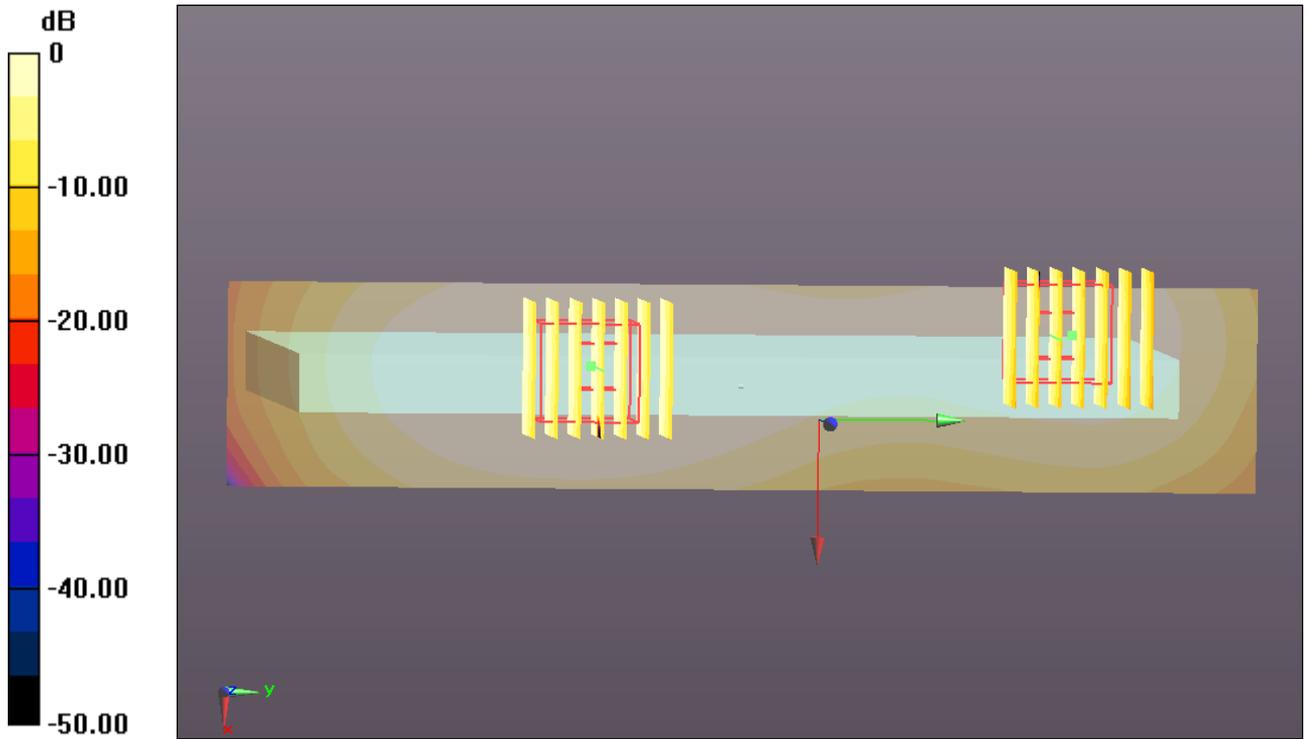Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.058 mW/g

Ch128/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.200 V/m; Power Drift = 0.147 dB
Peak SAR (extrapolated) = 0.090 W/kg
SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.035 mW/g.
Maximum value of SAR (measured) = 0.058 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.200 V/m; Power Drift = 0.147 dB
Peak SAR (extrapolated) = 0.060 W/kg
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.041 mW/g

0 dB = 0.040mW/g

#03 GSM850_GPRS12_Secondary Landscape_0cm_Ch128

DUT: 232102

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_835_120327 Medium parameters used: f = 824.2 MHz; σ = 0.964 mho/m; ε_r =

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
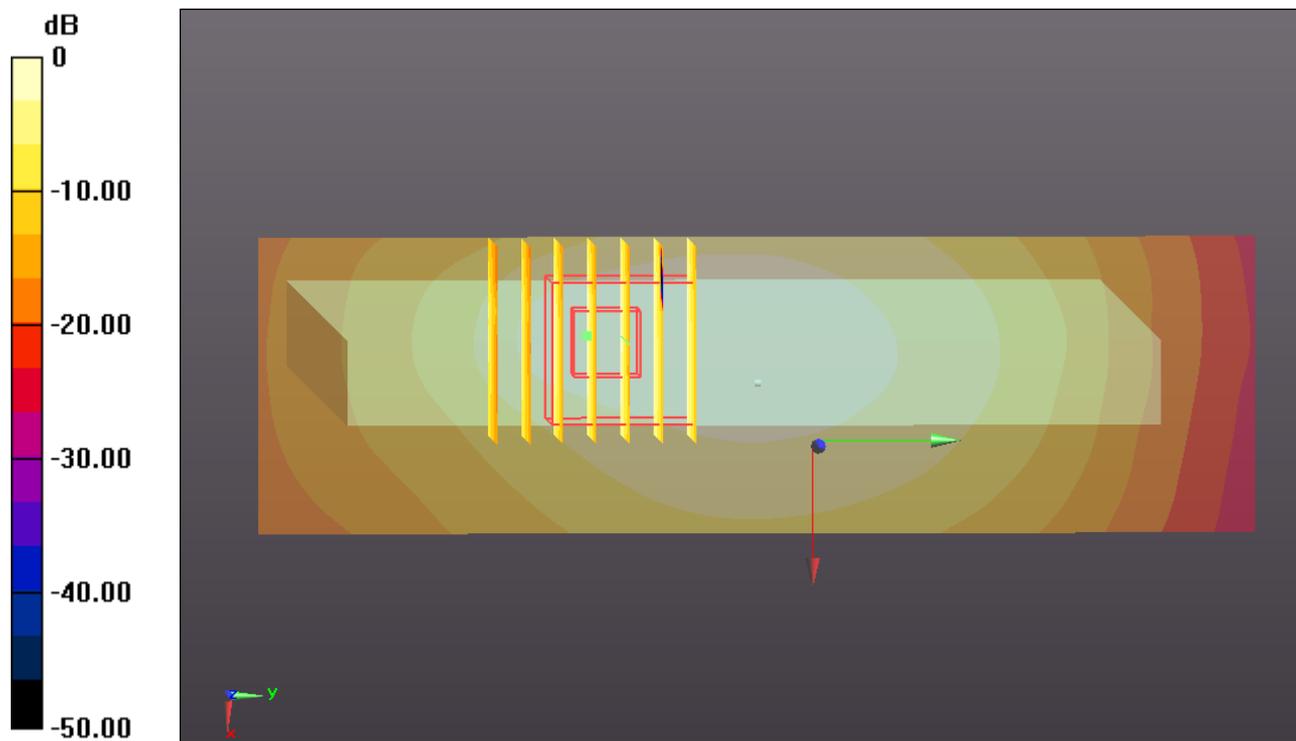Maximum value of SAR (interpolated) = 0.359 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.761 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.774 W/kg
SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.147 mW/g
Maximum value of SAR (measured) = 0.350 mW/g

0 dB = 0.350mW/g

#04 GSM1900_GPRS12_Bottom Face_0cm_Ch512

DUT: 232102

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120327 Medium parameters used: f = 1850.2 MHz; σ = 1.459 mho/m; ε_r =
53.59; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm
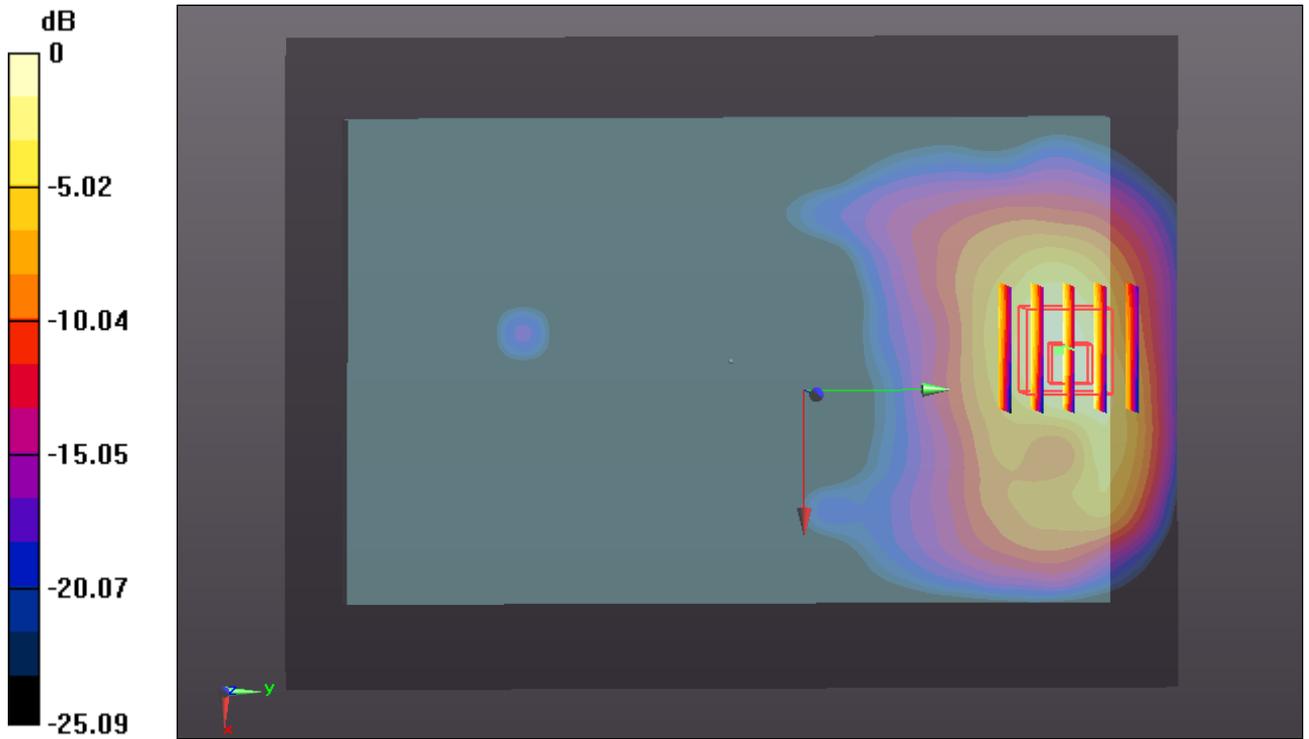Maximum value of SAR (interpolated) = 0.672 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.470 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.416 W/kg
SAR(1 g) = 0.666 mW/g; SAR(10 g) = 0.328 mW/g
Maximum value of SAR (measured) = 0.727 mW/g

0 dB = 0.730mW/g

#04 GSM1900_GPRS12_Bottom Face_0cm_Ch512_2D

DUT: 232102

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120327 Medium parameters used: f = 1850.2 MHz; σ = 1.459 mho/m; ε_r =

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.672 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
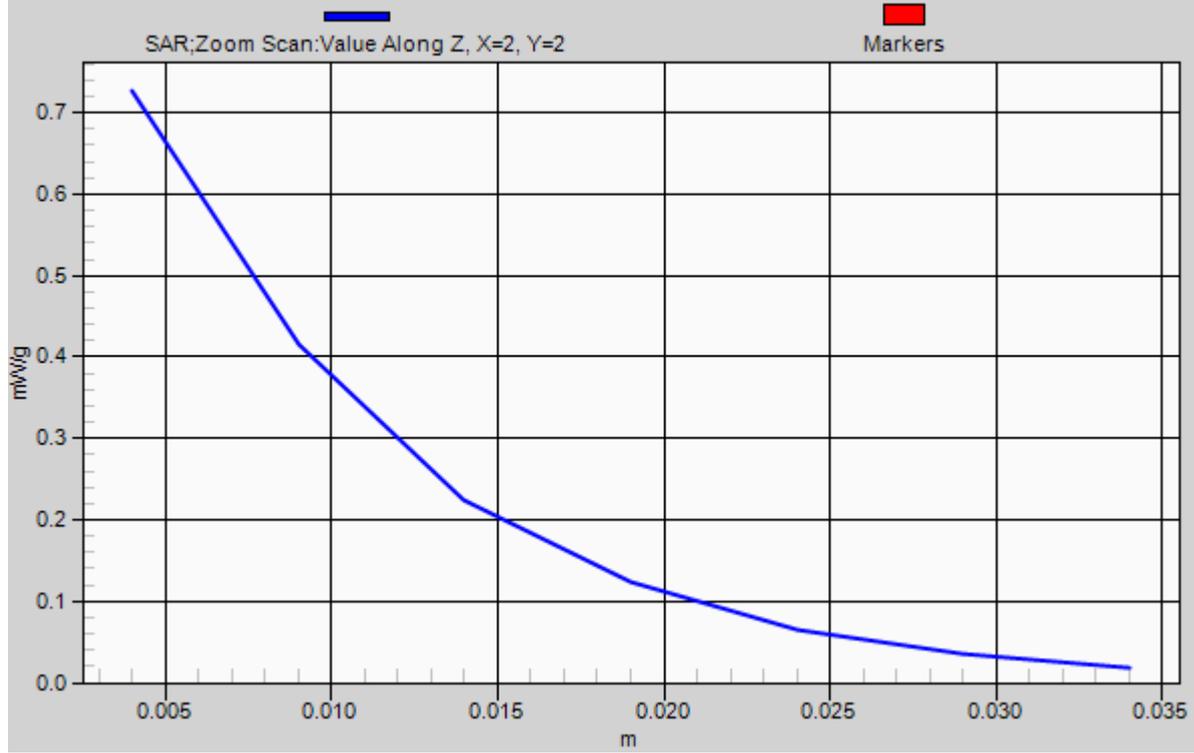Reference Value = 0.470 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.416 W/kg
SAR(1 g) = 0.666 mW/g; SAR(10 g) = 0.328 mW/g
Maximum value of SAR (measured) = 0.727 mW/g

#05 GSM1900_GPRS12_Secondary Portrait_0cm_Ch512

DUT: 232102

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120327 Medium parameters used: f = 1850.2 MHz; σ = 1.459 mho/m; ε_r =

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm
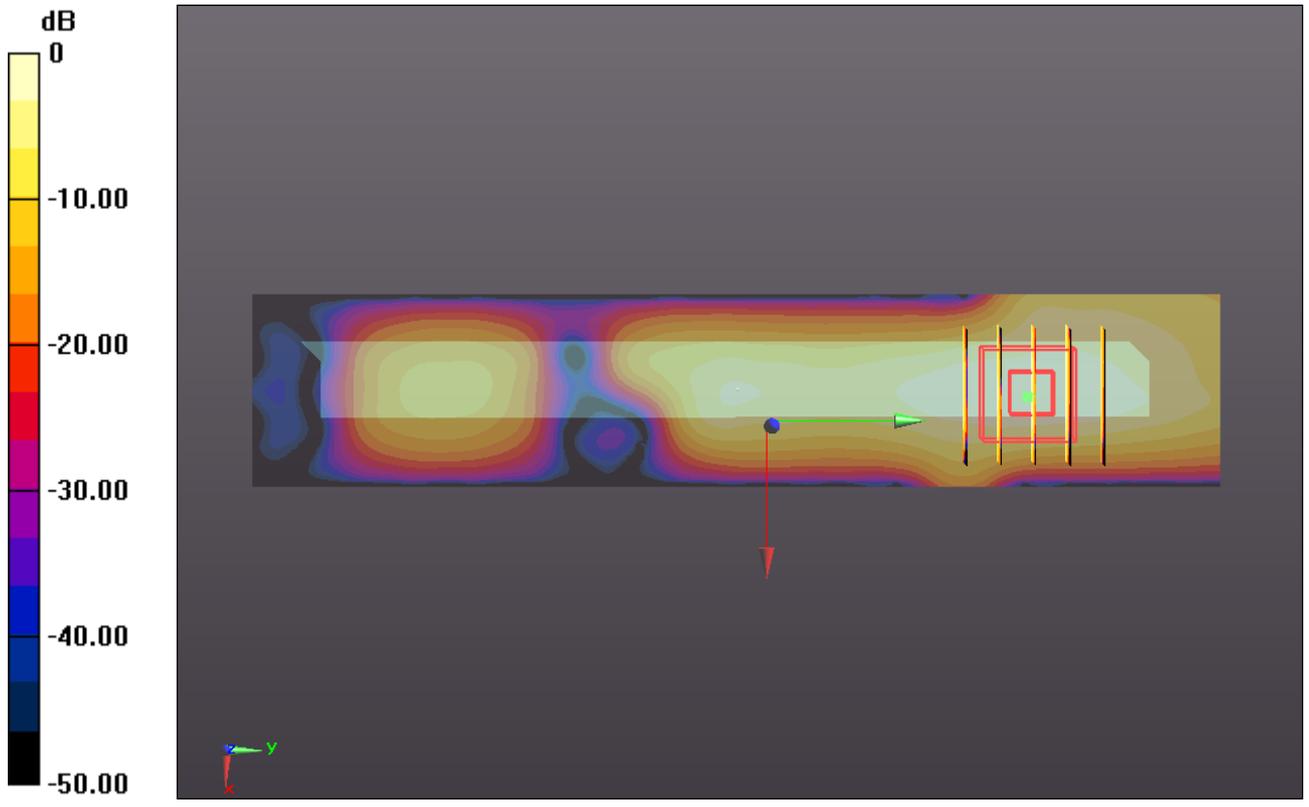Maximum value of SAR (interpolated) = 0.053 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.313 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.055 W/kg
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.038 mW/g

0 dB = 0.050mW/g

#06 GSM1900_GPRS12_Secondary Landscape_0cm_Ch512

DUT: 232102

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120327 Medium parameters used: f = 1850.2 MHz; σ = 1.459 mho/m; ε_r =

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
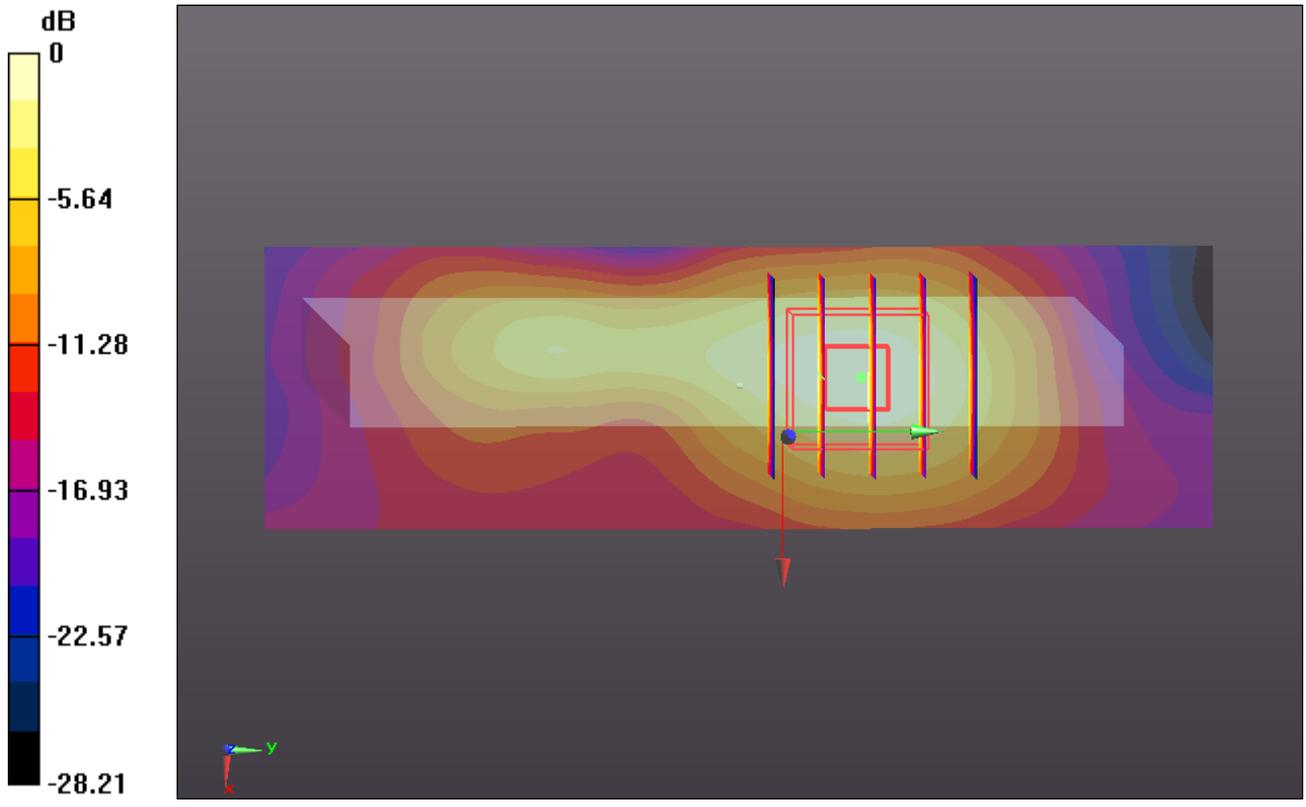Maximum value of SAR (interpolated) = 0.763 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.217 V/m; Power Drift = 0.126 dB
Peak SAR (extrapolated) = 0.989 W/kg
SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.320 mW/g
Maximum value of SAR (measured) = 0.642 mW/g

0 dB = 0.760mW/g

#07 WCDMA V_RMC12.K_Bottom Face_0cm_Ch4182

DUT: 232102

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_120327 Medium parameters used: f = 836.4 MHz; σ = 0.976 mho/m; ε_r =

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm
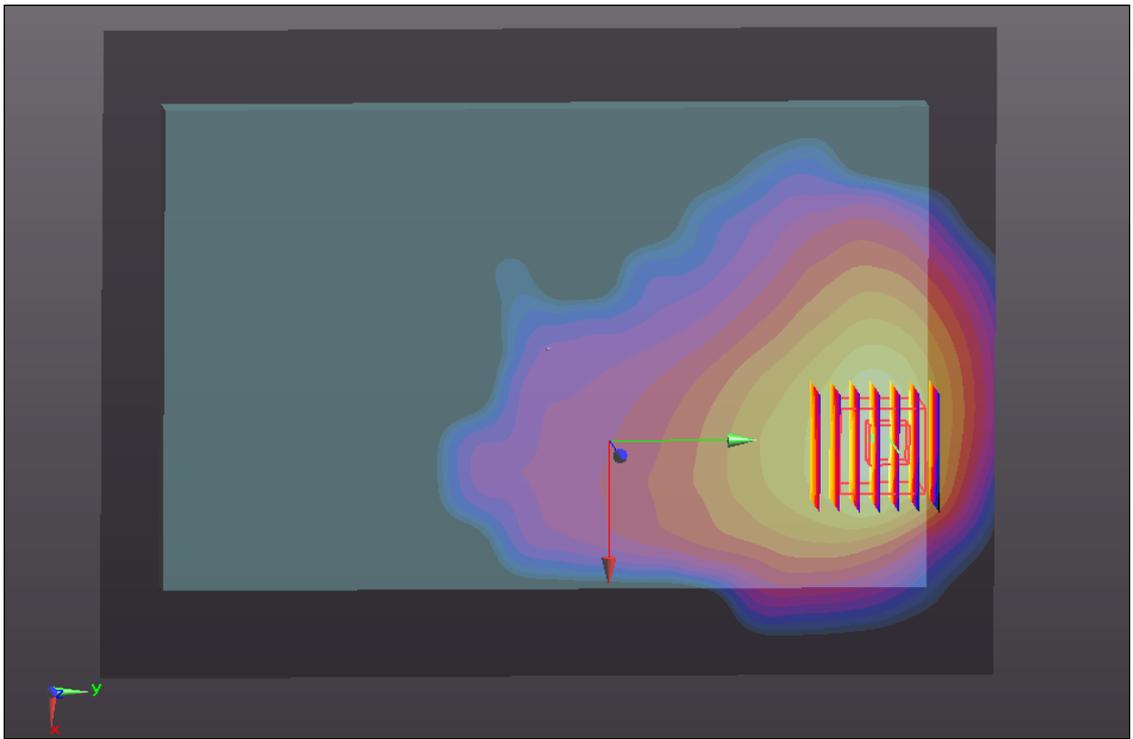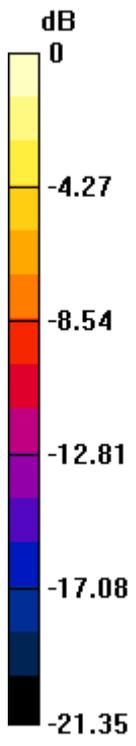Maximum value of SAR (interpolated) = 0.287 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.426 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.643 W/kg
SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.330 mW/g

0 dB = 0.330mW/g

#07 WCDMA V_RMC12.K_Bottom Face_0cm_Ch4182_2D

DUT: 232102

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_120327 Medium parameters used: f = 836.4 MHz; σ = 0.976 mho/m; ε_r =

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.287 mW/g

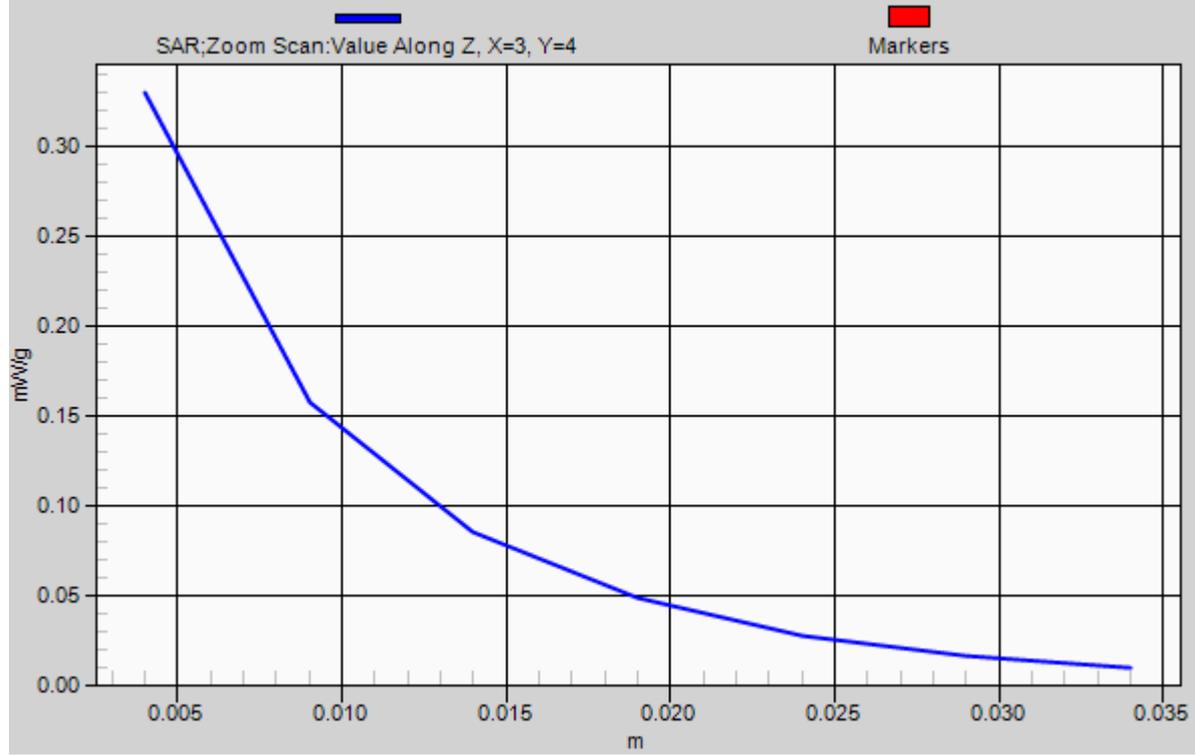**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.426 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.643 W/kg
SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.330 mW/g

1g/10g Averaged SAR

#08 WCDMA V_RMC12.2K_Secondary Portrait_0cm_Ch4182

DUT: 232102

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_120327 Medium parameters used: f = 836.4 MHz; σ = 0.976 mho/m; ε_r =

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (31x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.037 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.174 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.065 W/kg
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.023 mW/g
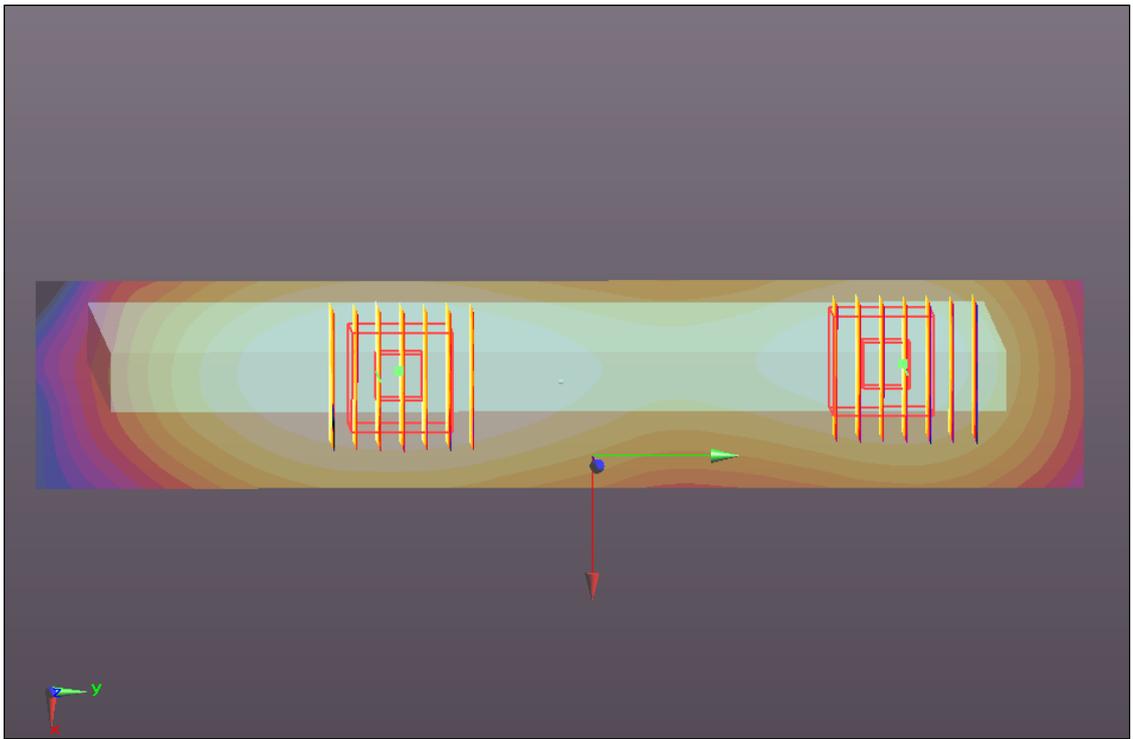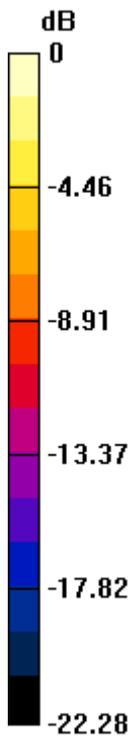Maximum value of SAR (measured) = 0.039 mW/g

Ch4182/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.174 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.043 W/kg
SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.031 mW/g

0 dB = 0.030mW/g

#09 WCDMA V_RMC12.K_Secondary Landscape_0cm_Ch4182

DUT: 232102

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_120327 Medium parameters used: f = 836.4 MHz; σ = 0.976 mho/m; ε_r = 54.241; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
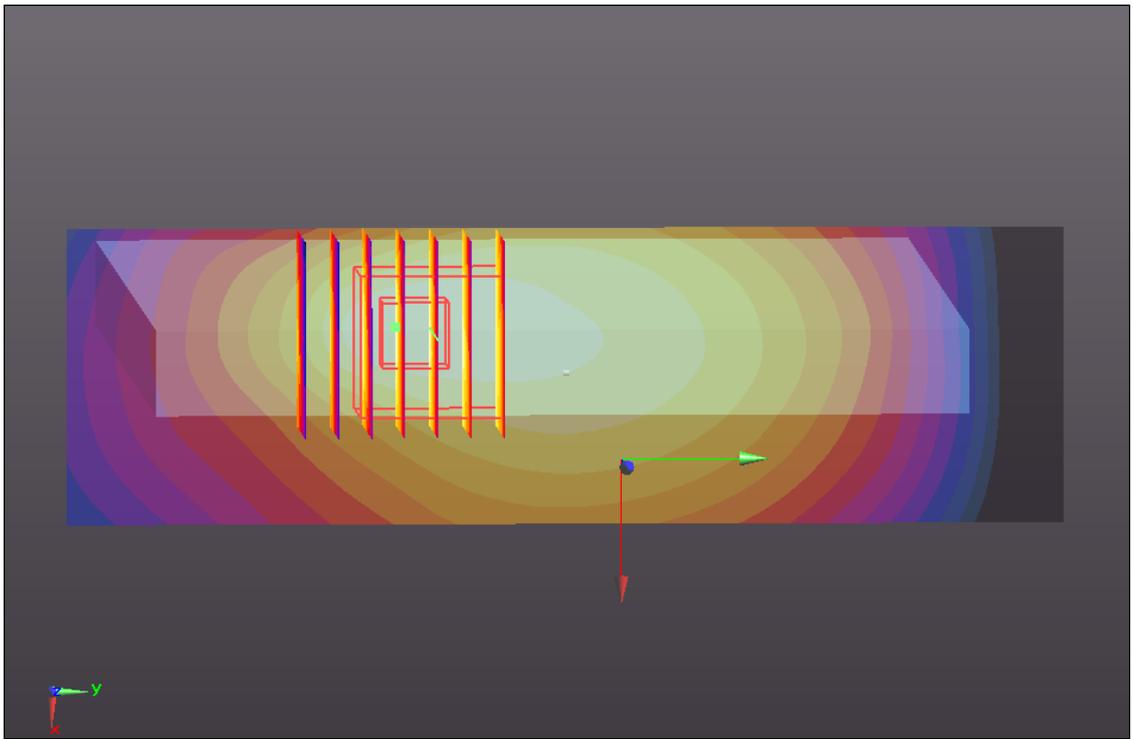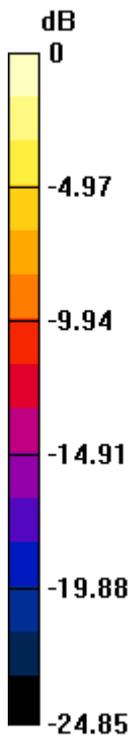Maximum value of SAR (interpolated) = 0.179 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.964 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.393 W/kg
SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.173 mW/g

0 dB = 0.170mW/g

#10 WCDMA II_RMC12.K_Bottom Face_0cm_Ch9400

DUT: 232102

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120327 Medium parameters used: f = 1880 MHz; σ = 1.498 mho/m; ε_r = 53.575; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm
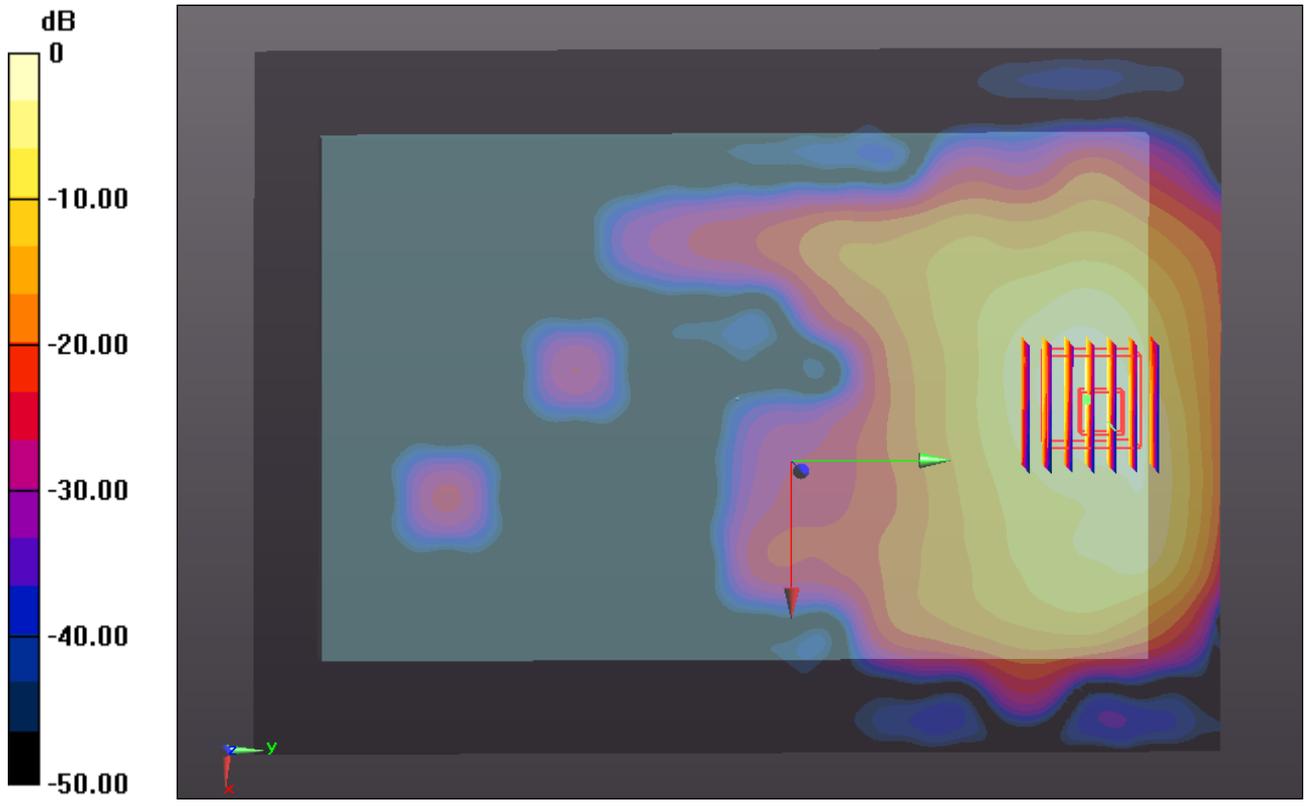Maximum value of SAR (interpolated) = 0.763 mW/g

Ch9400/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.889 W/kg
SAR(1 g) = 0.762 mW/g; SAR(10 g) = 0.347 mW/g
Maximum value of SAR (measured) = 0.865 mW/g

0 dB = 0.760mW/g

#10 WCDMA II_RMC12.K_Bottom Face_0cm_Ch9400_2D

DUT: 232102

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120327 Medium parameters used: f = 1880 MHz; σ = 1.498 mho/m; ε_r =

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.763 mW/g

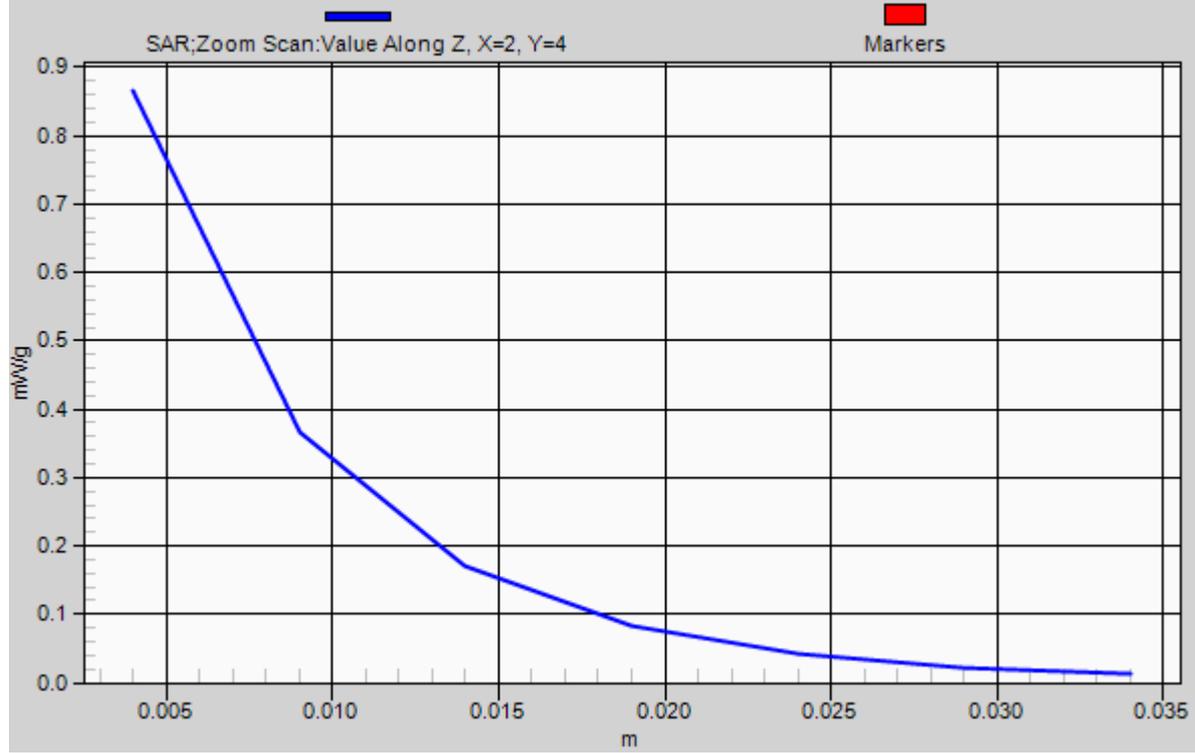## Ch9400/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift =0.19 dB
Peak SAR (extrapolated) = 1.889 W/kg
SAR(1 g) = 0.762 mW/g; SAR(10 g) = 0.347 mW/g
Maximum value of SAR (measured) = 0.865 mW/g

1g/10g Averaged SAR

#11 WCDMA II_RMC12.2K_Secondary Portrait_0cm_Ch9400

DUT: 232102

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120327 Medium parameters used: f = 1880 MHz; σ = 1.498 mho/m; $ε_r$ =
53.575; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (51x161x1): Measurement grid: dx=15mm, dy=15mm
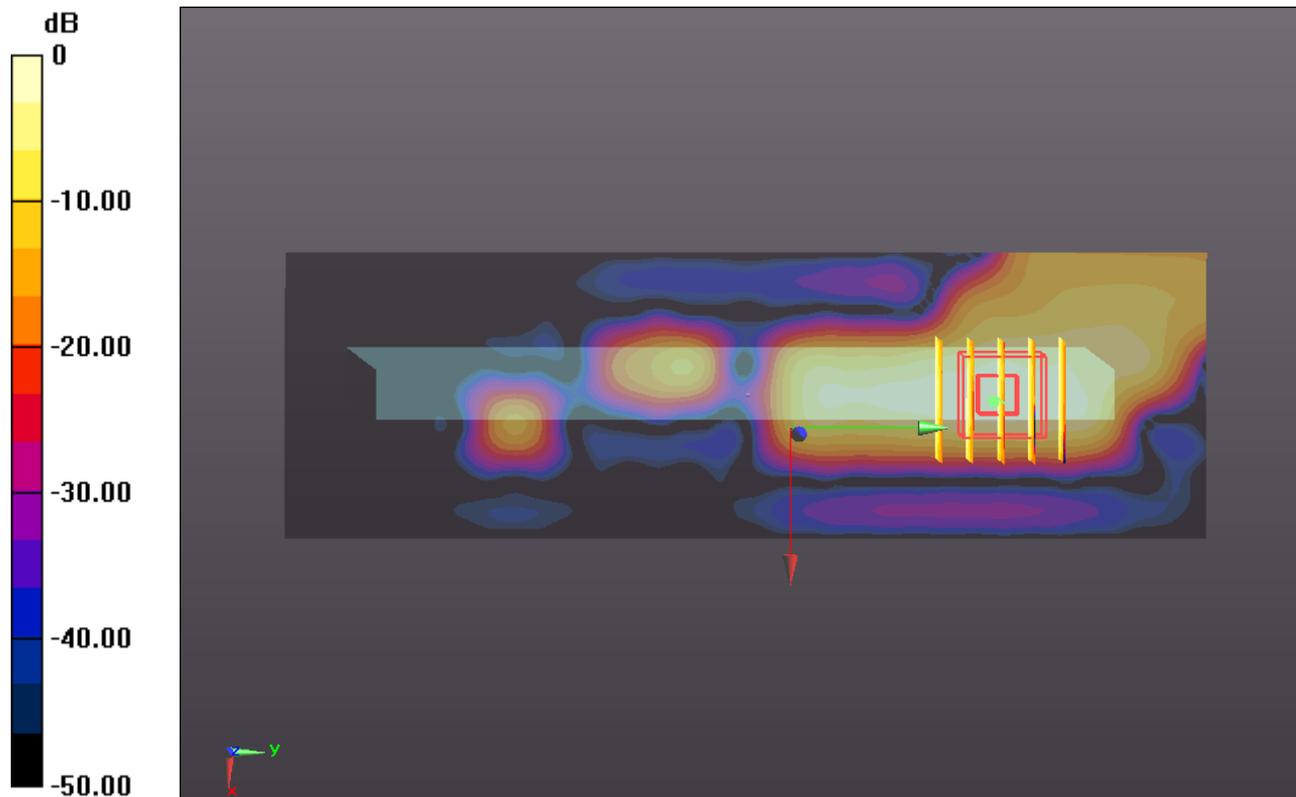Maximum value of SAR (interpolated) = 0.074 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.483 V/m; Power Drift = 0.132 dB
Peak SAR (extrapolated) = 0.062 W/kg
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.043 mW/g

0 dB = 0.070mW/g

#12 WCDMA II_RMC12.K_Secondary Landscape_0cm _Ch9400

DUT: 232102

Communication System: UMTS; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120327 Medium parameters used: f = 1880 MHz; σ = 1.498 mho/m; ε$_r$ =

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
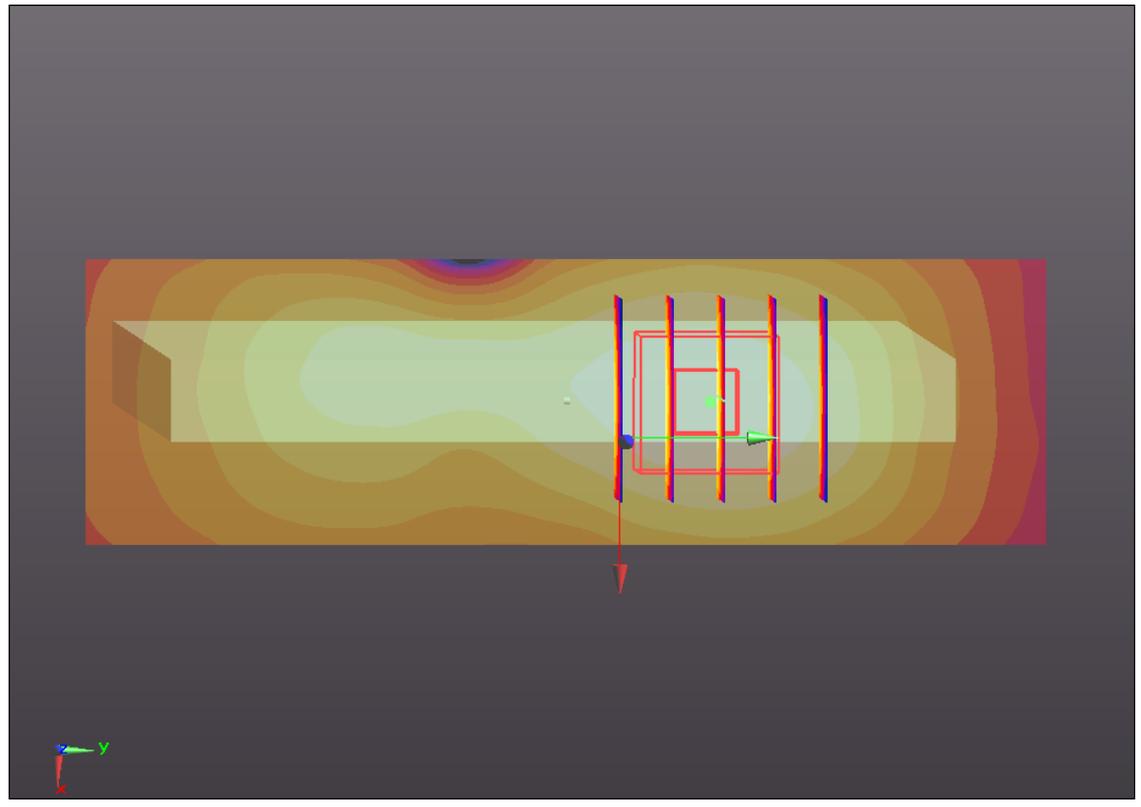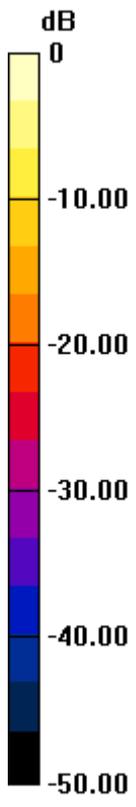Maximum value of SAR (interpolated) = 0.701 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.588 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.014 W/kg
SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.306 mW/g
Maximum value of SAR (measured) = 0.646 mW/g

0 dB = 0.700mW/g

#13 802.11b_Bottom Face_0cm_11M_Ch6

DUT: 232102

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120612 Medium parameters used: f = 2437 MHz; σ = 1.965 mho/m; ε_r = 54.326; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm
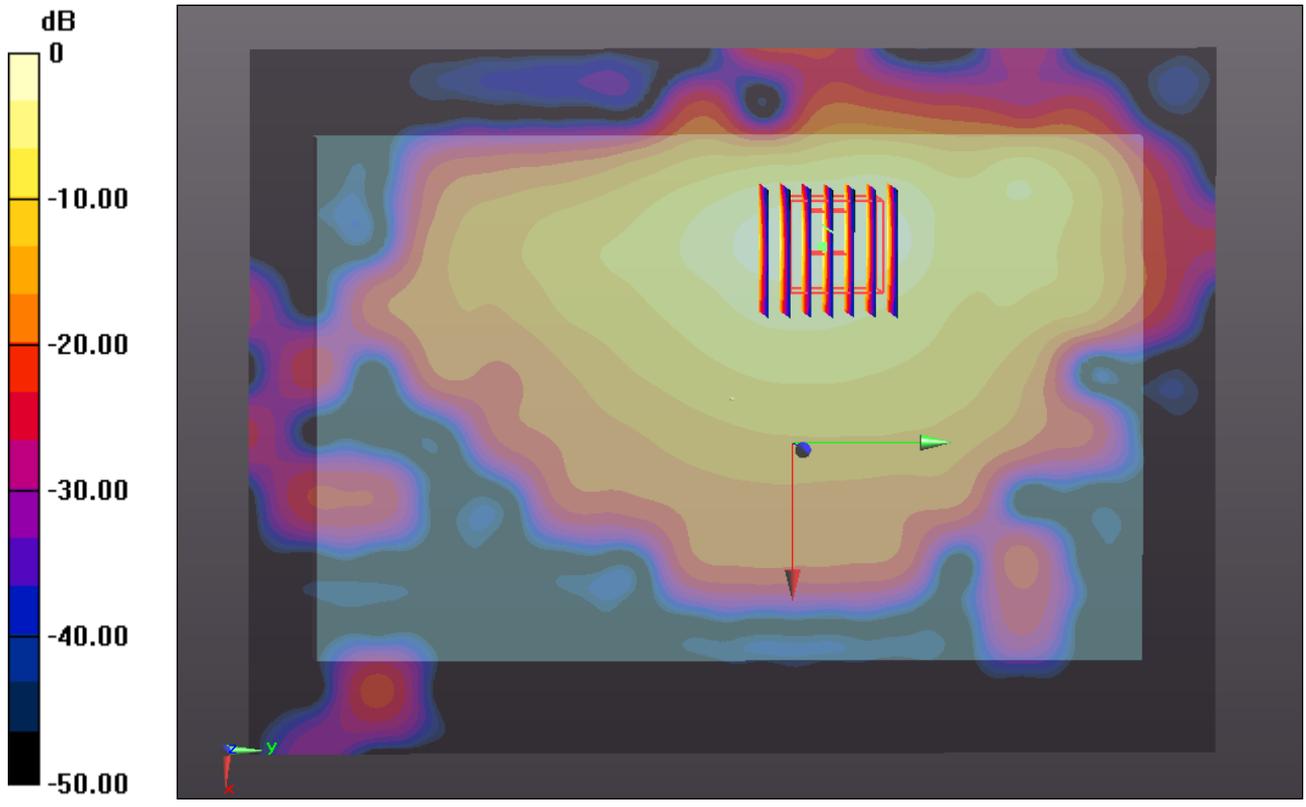Maximum value of SAR (interpolated) = 0.698 mW/g

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.812 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.710 W/kg
SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.295 mW/g
Maximum value of SAR (measured) = 0.812 mW/g

0 dB = 0.700mW/g

#13 802.11b_Bottom Face_0cm_11M_Ch6_2D

DUT: 232102

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120612 Medium parameters used: f = 2437 MHz; σ = 1.965 mho/m; ε_r =

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (111x151x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.698 mW/g

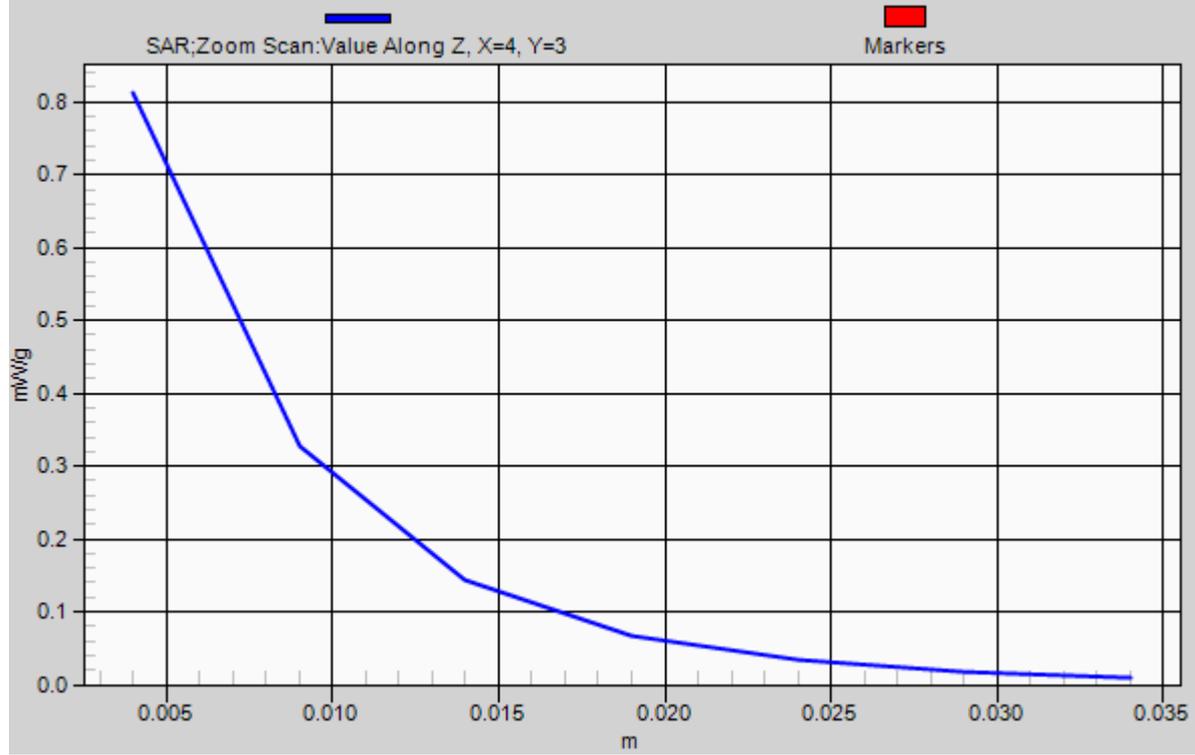**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.812 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.710 W/kg
SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.295 mW/g
Maximum value of SAR (measured) = 0.812 mW/g

1g/10g Averaged SAR

#14 802.11b_Primary Portrait_0cm_11M_Ch6

DUT: 232102

Communication System: WIFI; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120612 Medium parameters used: f = 2437 MHz; σ = 1.965 mho/m; ε_r = 54.326; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1079
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (41x151x1): Measurement grid: dx=15mm, dy=15mm
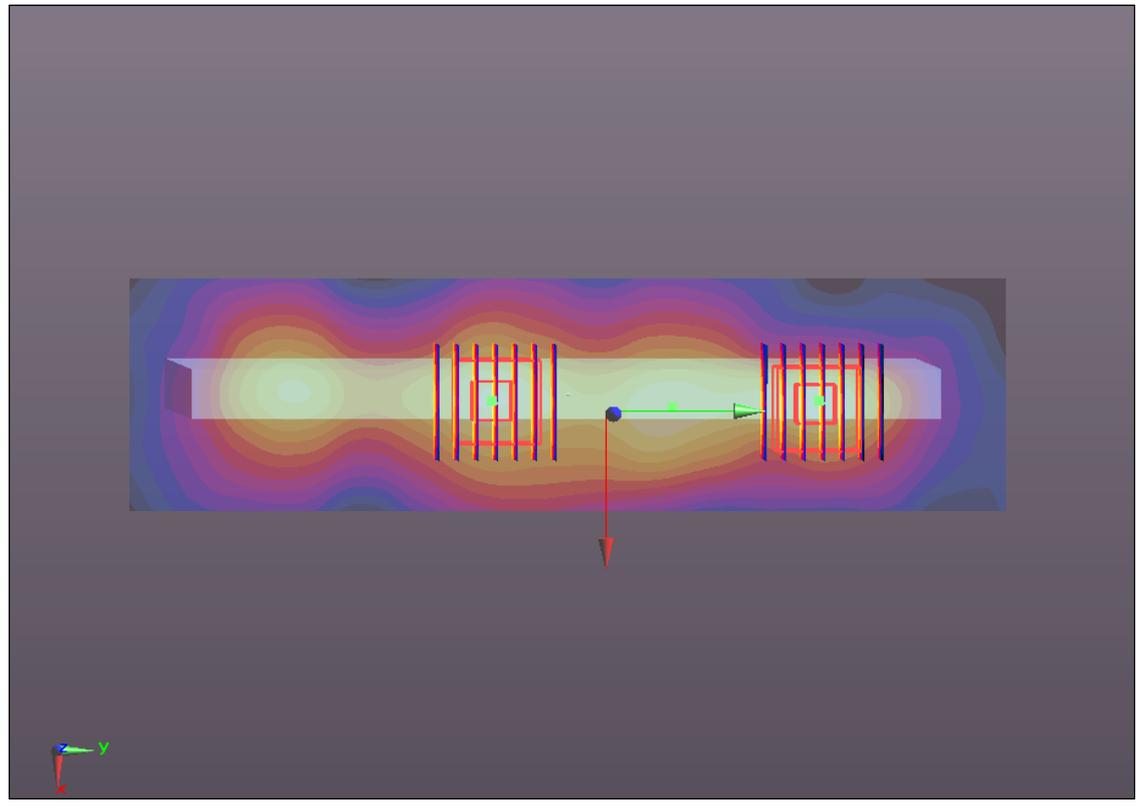Maximum value of SAR (interpolated) = 0.281 mW/g

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.264 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.443 W/kg
SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.100 mW/g
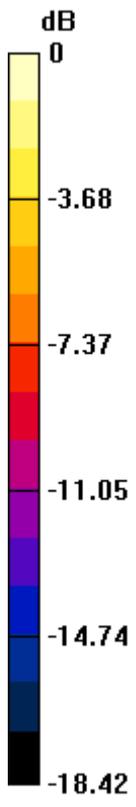Maximum value of SAR (measured) = 0.285 mW/g

Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.264 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.339 W/kg
SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.102 mW/g
Maximum value of SAR (measured) = 0.219 mW/g

0 dB = 0.280mW/g