Appendix A. Plots of System Performance Check

The plots are shown as follows.

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

System Check_Head_835MHz_131122

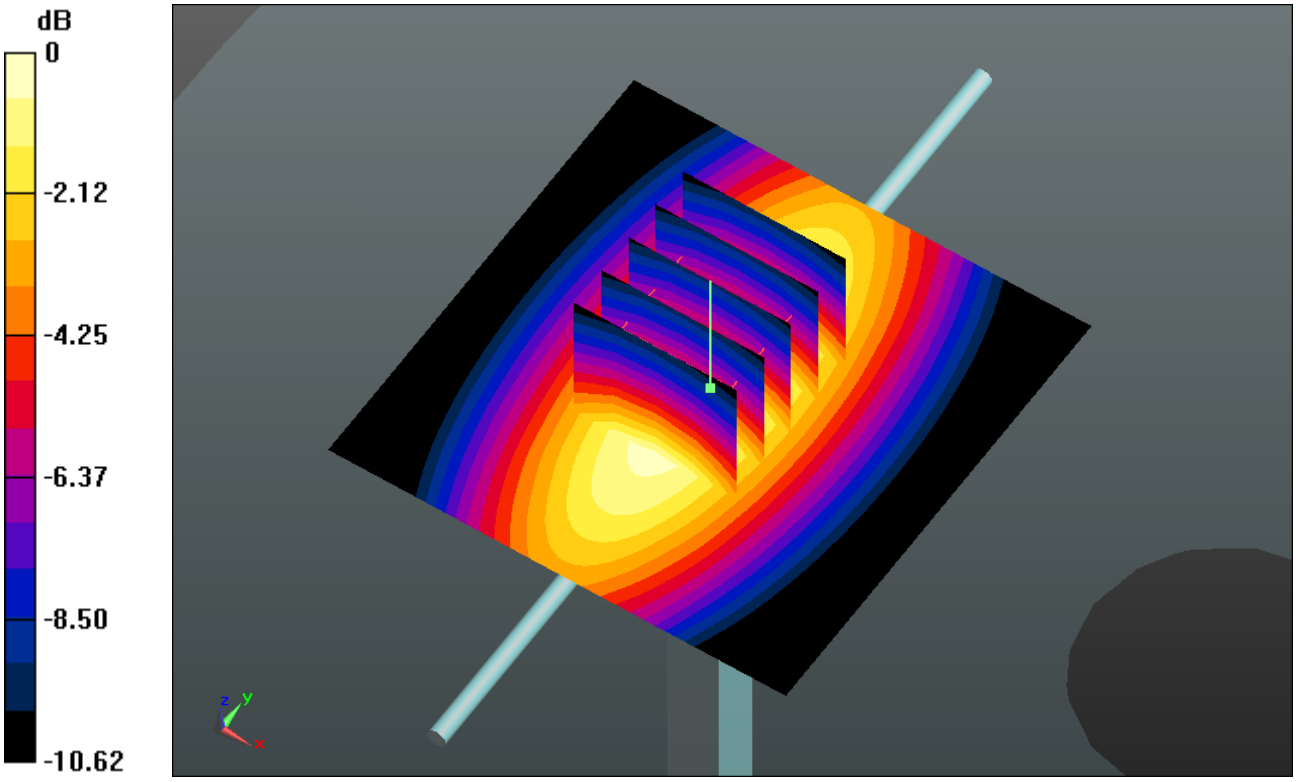
DUT: D835V2 - SN:4d091

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_131122 Medium parameters used: f = 835 MHz; σ = 0.905 mho/m; ε_r = 42.233; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 3.074 mW/g

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 53.783 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.628 W/kg
SAR(1 g) = 2.42 mW/g; SAR(10 g) = 1.59 mW/g
Maximum value of SAR (measured) = 3.077 mW/g



0 dB = 3.080mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.21

System Check_Head_1900MHz_131121

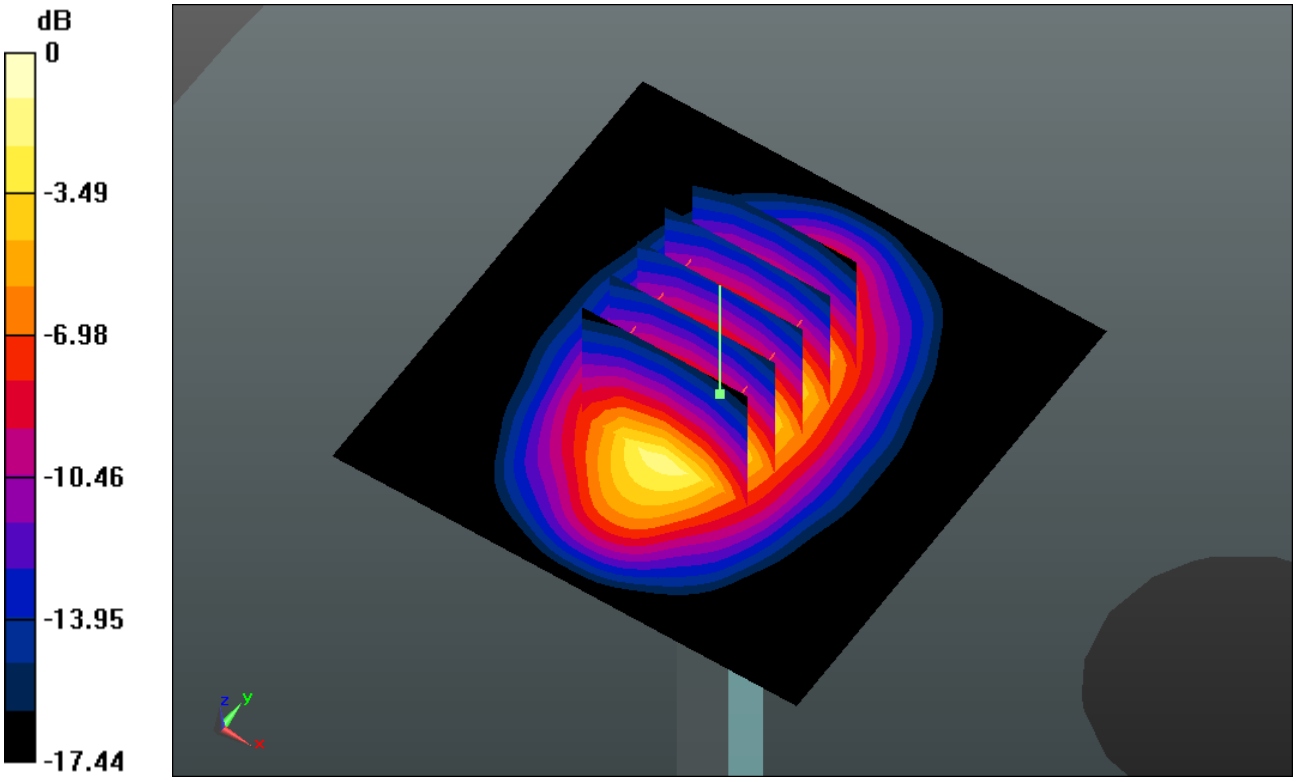
DUT: D1900V2 - SN:5d118

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131121 Medium parameters used: f = 1900 MHz; σ = 1.425 mho/m; ε_r = 38.89; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 14.306 mW/g

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 88.749 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 18.040 W/kg
SAR(1 g) = 9.91 mW/g; SAR(10 g) = 5.2 mW/g
Maximum value of SAR (measured) = 14.260 mW/g



0 dB = 14.260mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

System Check_Head_2450MHz_131122

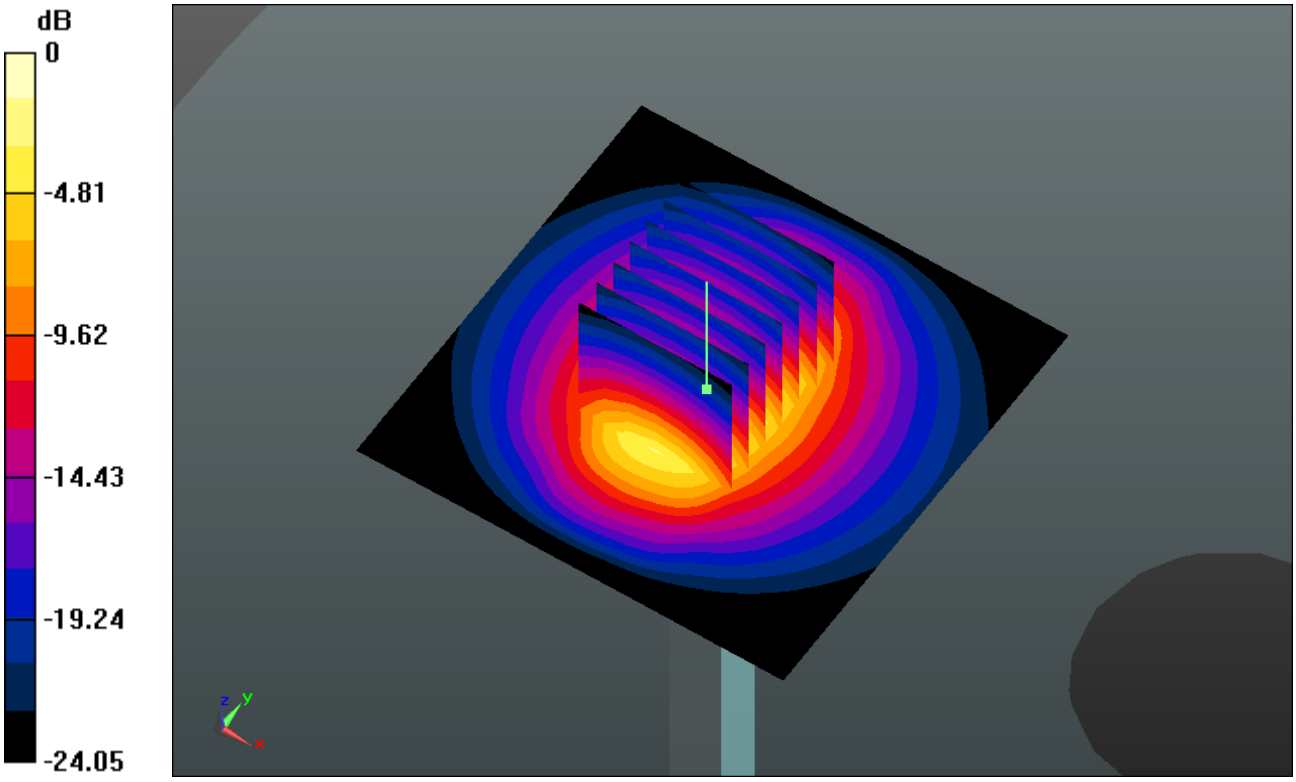
DUT: D2450V2 - SN:840

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_131122 Medium parameters used: f = 2450 MHz; σ = 1.817 mho/m; ε_r = 39.195; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.05, 7.05, 7.05); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (71x71x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 20.984 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 90.907 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 27.988 W/kg
SAR(1 g) = 13.1 mW/g; SAR(10 g) = 5.9 mW/g
Maximum value of SAR (measured) = 20.394 mW/g



0 dB = 20.390mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

System Check_Body_835MHz_131122

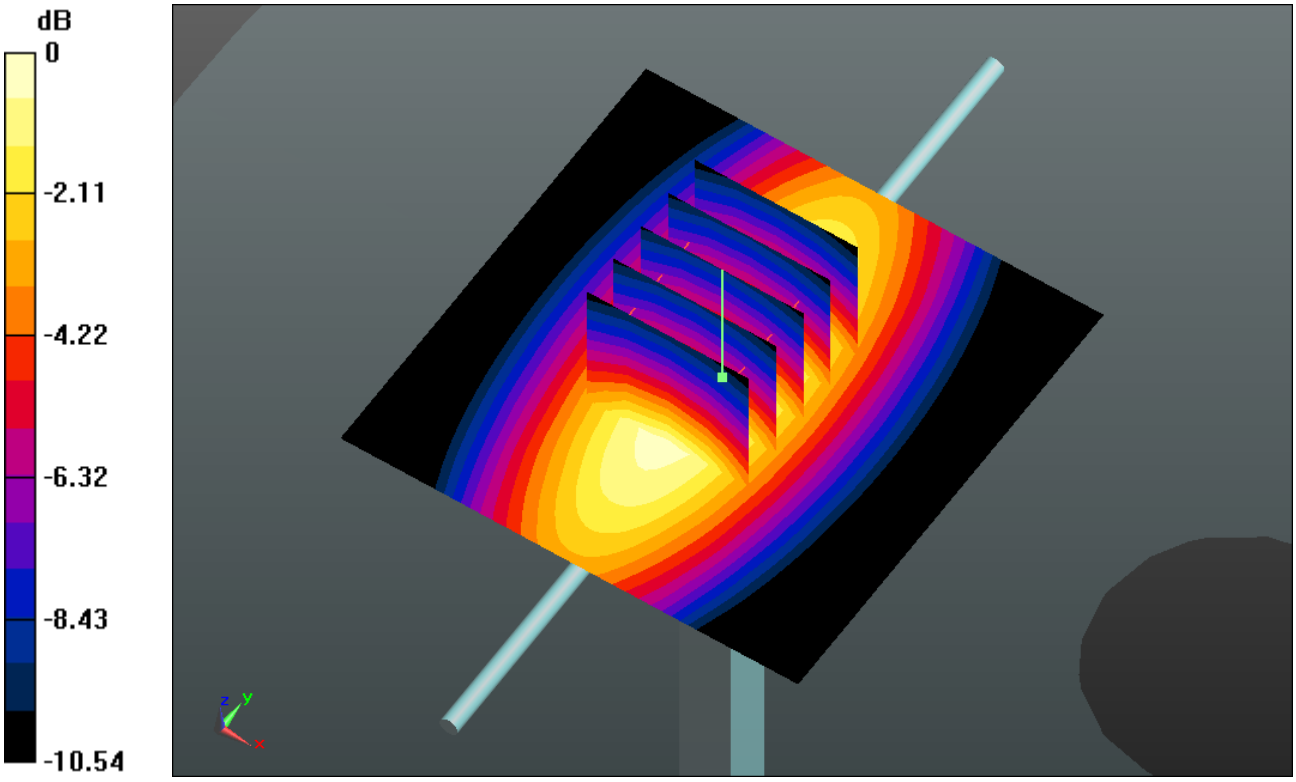
DUT: D835V2 - SN:4d091

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_131122 Medium parameters used: f = 835 MHz; σ = 0.983 mho/m; ε_r = 54.851; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.877 mW/g

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 49.780 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.359 W/kg
SAR(1 g) = 2.25 mW/g; SAR(10 g) = 1.48 mW/g
Maximum value of SAR (measured) = 2.860 mW/g



0 dB = 2.860mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.21

System Check_Body_1900MHz_131121

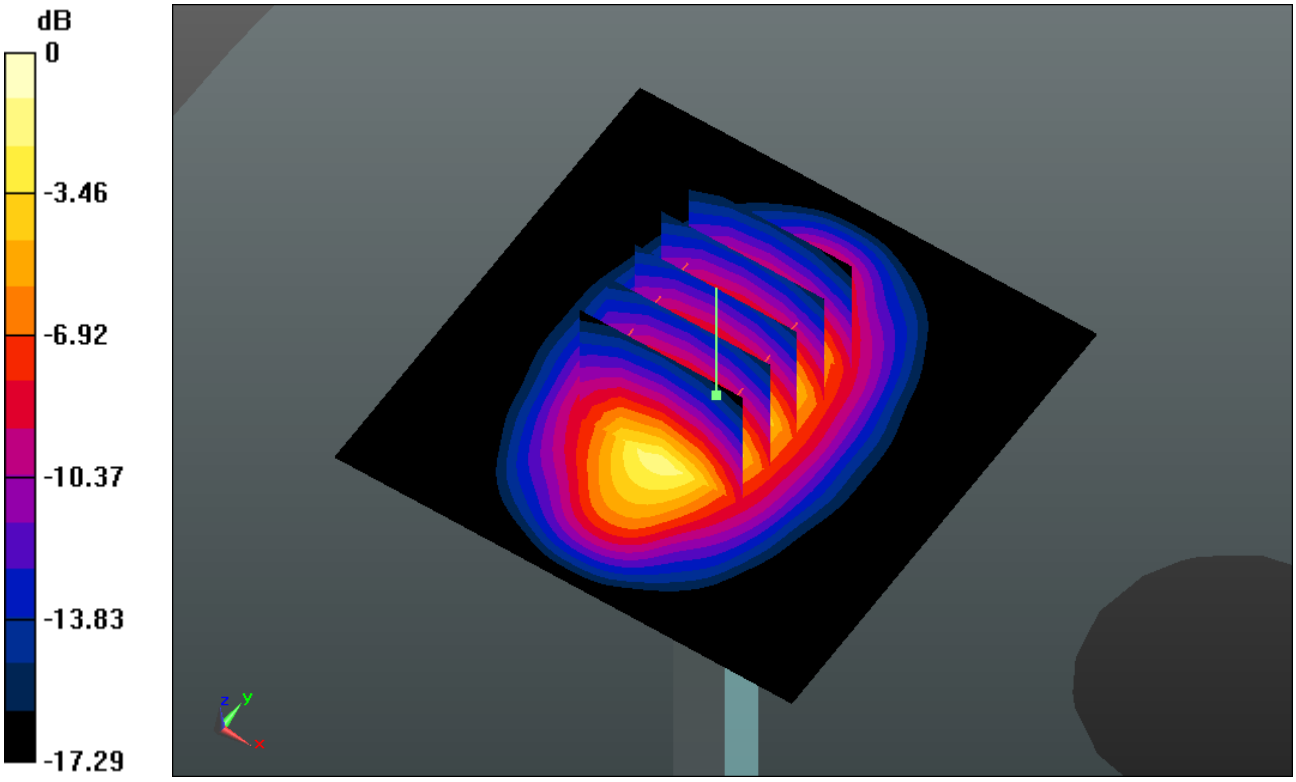
DUT: D1900V2 - SN:5d118

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131121 Medium parameters used: f = 1900 MHz; σ = 1.555 mho/m; ε_r = 53.533; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 14.658 mW/g

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 87.566 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 17.973 W/kg
SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.4 mW/g
Maximum value of SAR (measured) = 14.613 mW/g



0 dB = 14.610mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.21

System Check_Body_2450MHz_131121

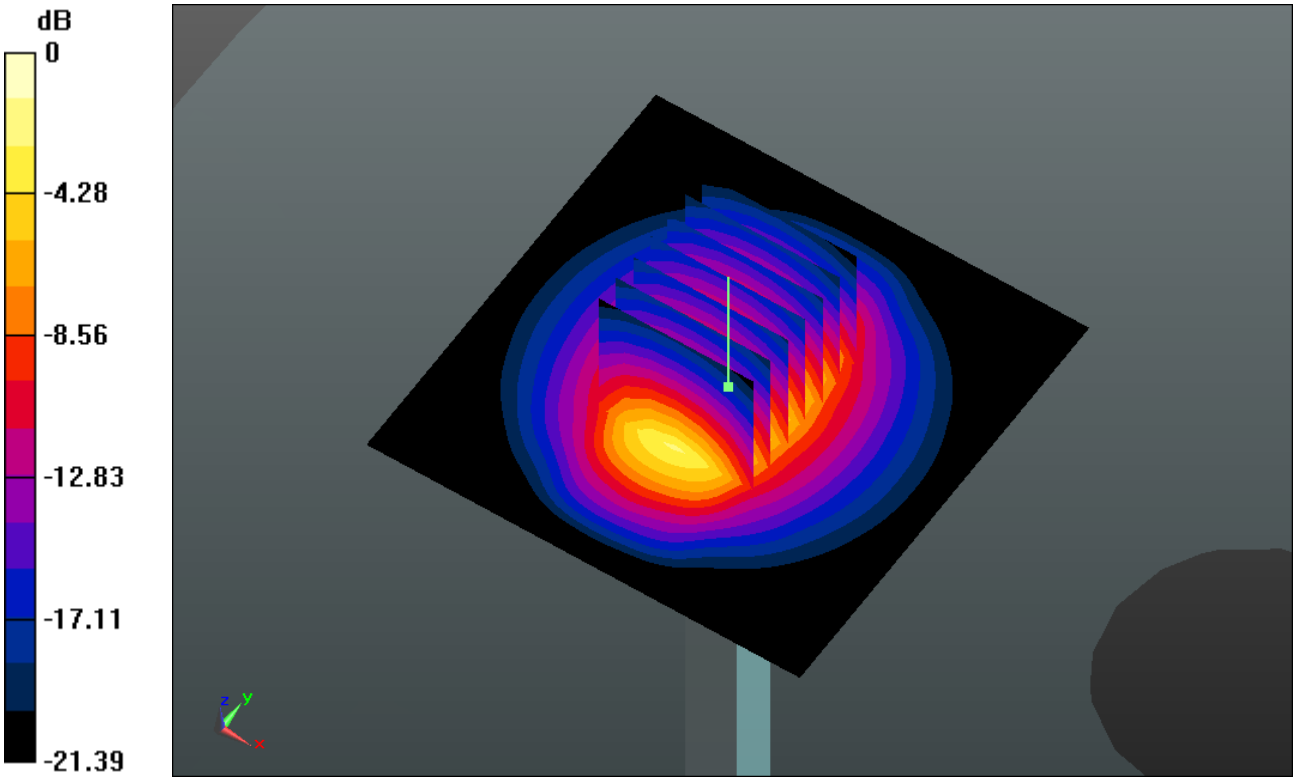
DUT: D2450V2 - SN:840

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_131121 Medium parameters used: f = 2450 MHz; σ = 1.94 mho/m; ε_r = 51.413; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7, 7, 7); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Pin=250mW/Area Scan (71x71x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 19.625 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 86.184 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 25.816 W/kg
SAR(1 g) = 12.6 mW/g; SAR(10 g) = 5.83 mW/g
Maximum value of SAR (measured) = 19.173 mW/g



0 dB = 19.170mW/g

Appendix B. Plots of SAR Measurement

The plots are shown as follows.

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

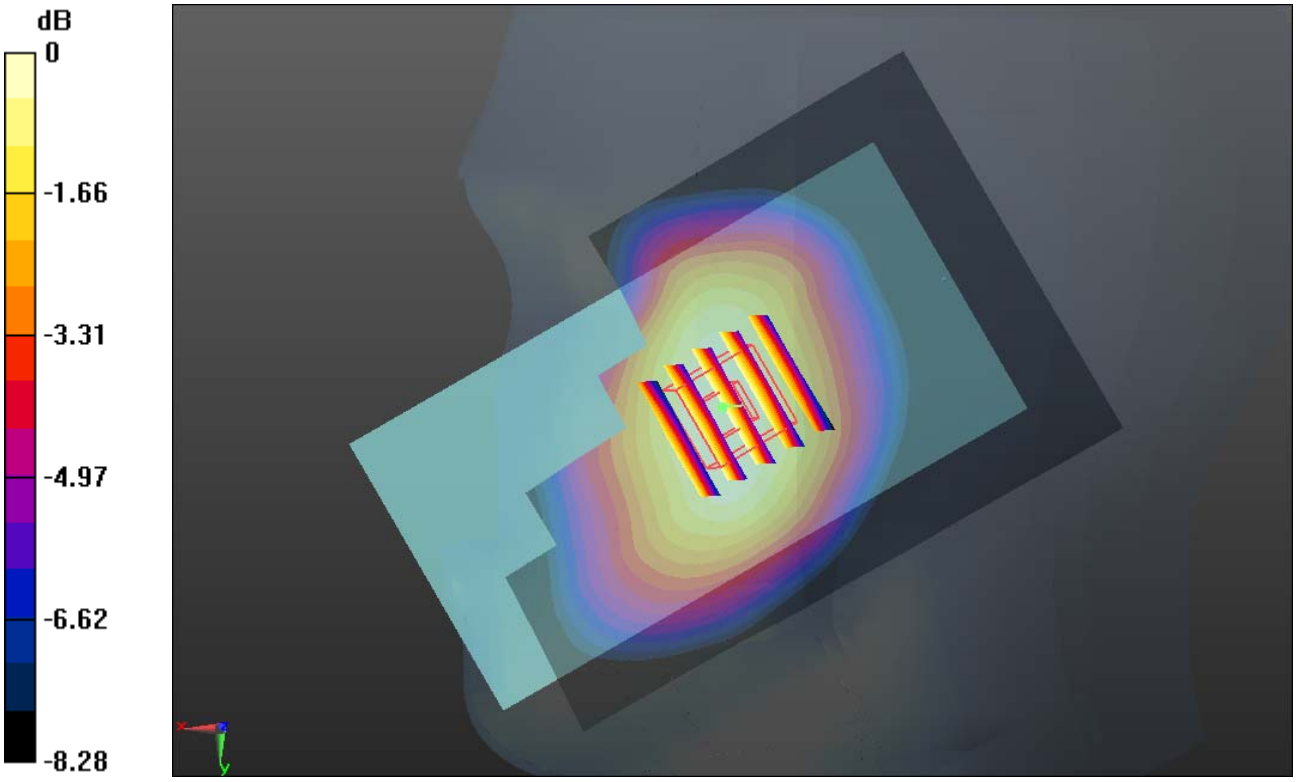
#01_GSM850_GSM Voice_Right Cheek_Ch128

Communication System: General GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_131122 Medium parameters used: f = 824.2 MHz; σ = 0.895 mho/m; ε_r = 42.361; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.258 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.571 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.279 W/kg
SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 0.257 mW/g



0 dB = 0.260mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

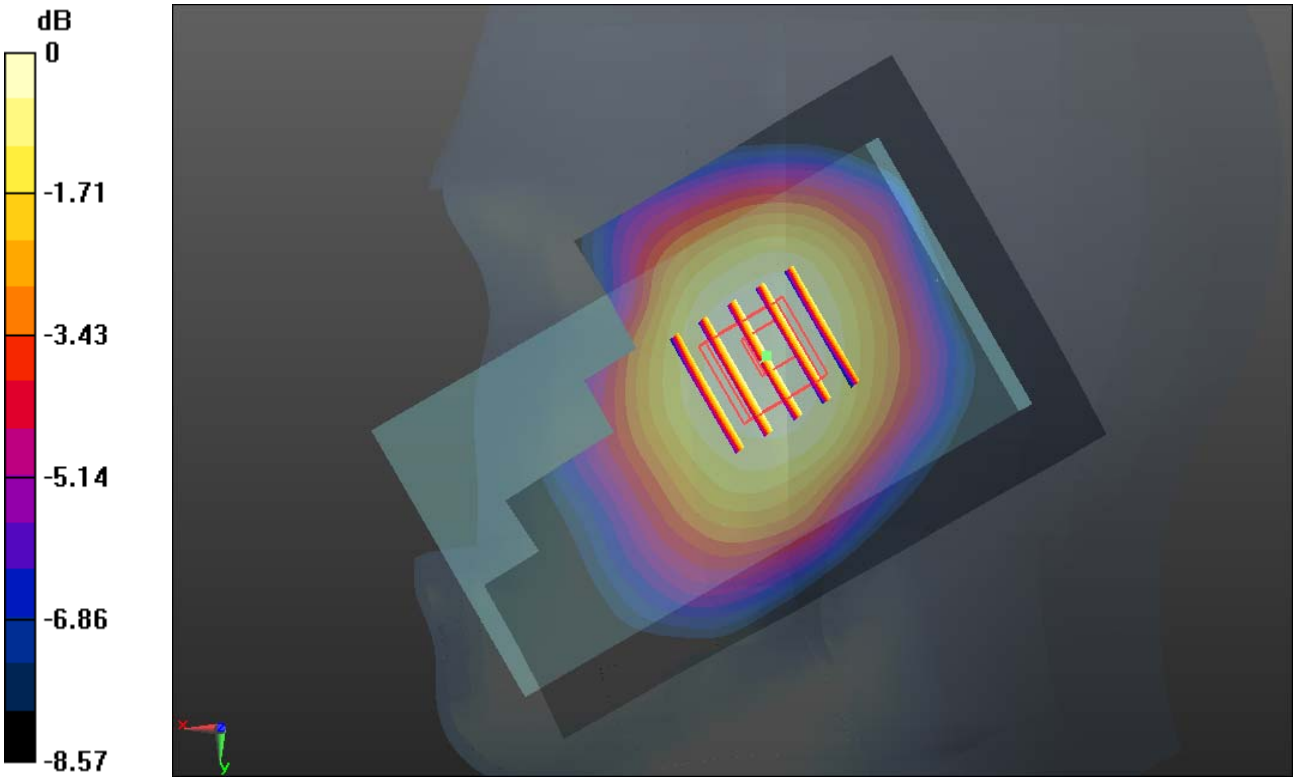
#02_GSM850_GSM Voice_Right Tilted_Ch128

Communication System: General GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_131122 Medium parameters used: f = 824.2 MHz; σ = 0.895 mho/m; ε_r = 42.361; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.153 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.452 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.167 W/kg
SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.107 mW/g
Maximum value of SAR (measured) = 0.152 mW/g



0 dB = 0.150mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

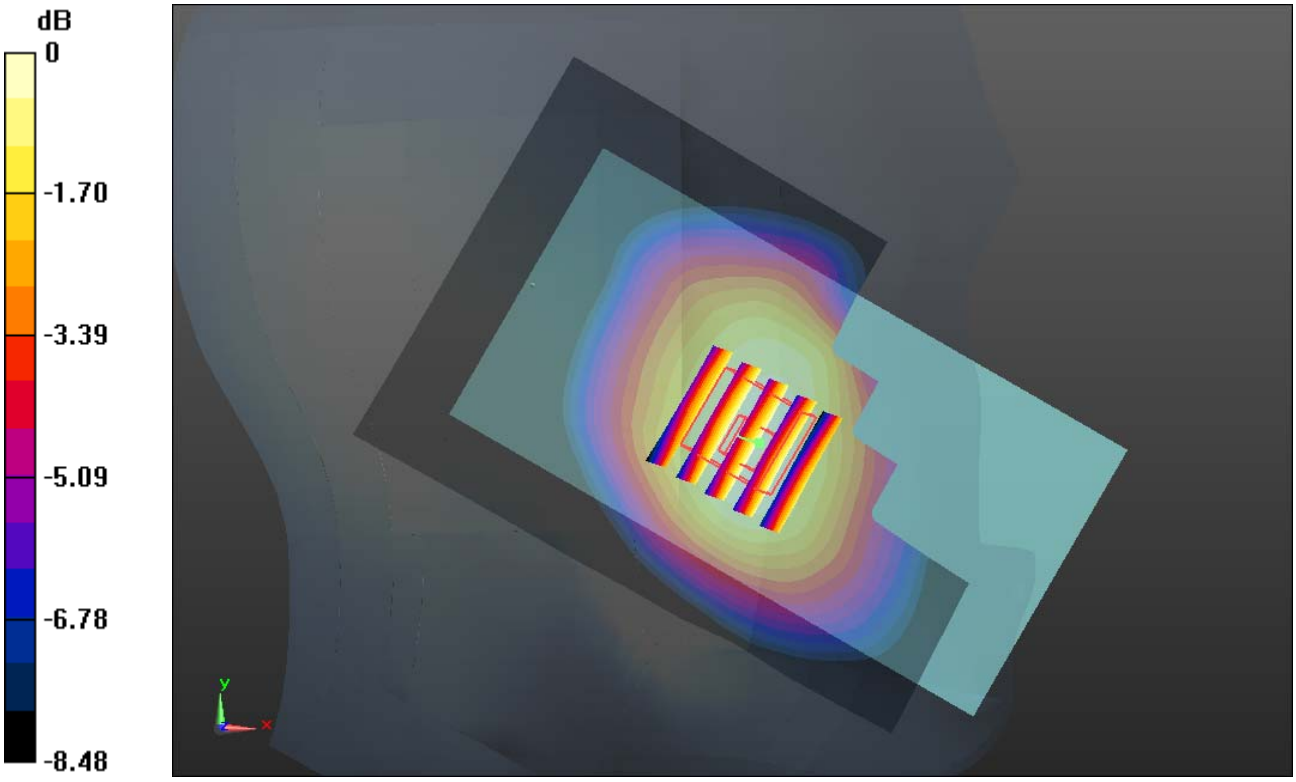
#03_GSM850_GSM Voice_Left Cheek_Ch128

Communication System: General GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_131122 Medium parameters used: f = 824.2 MHz; σ = 0.895 mho/m; ε_r = 42.361; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.286 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.874 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.314 W/kg
SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.287 mW/g



0 dB = 0.290mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

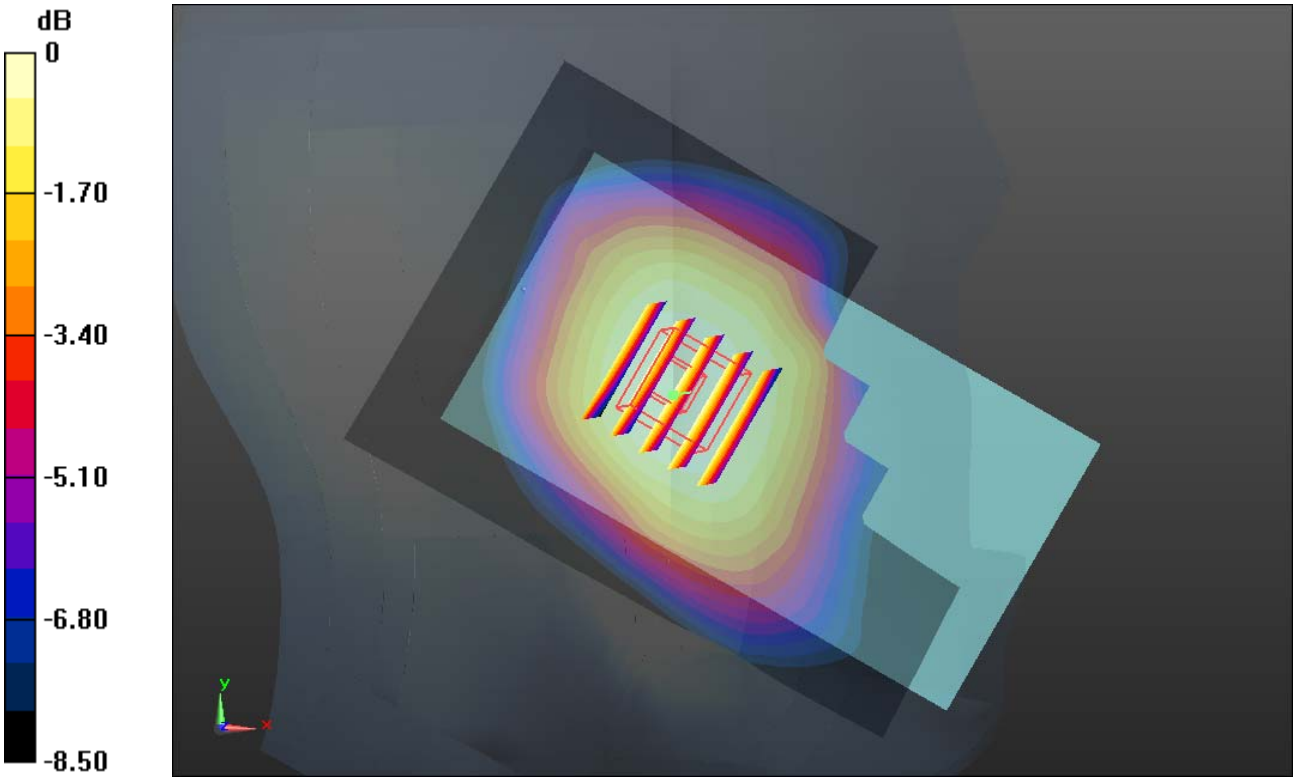
#04_GSM850_GSM Voice_Left Tilted_Ch128

Communication System: General GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_131122 Medium parameters used: f = 824.2 MHz; σ = 0.895 mho/m; ε_r = 42.361; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.152 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.397 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.163 W/kg
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.106 mW/g
Maximum value of SAR (measured) = 0.150 mW/g



0 dB = 0.150mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.21

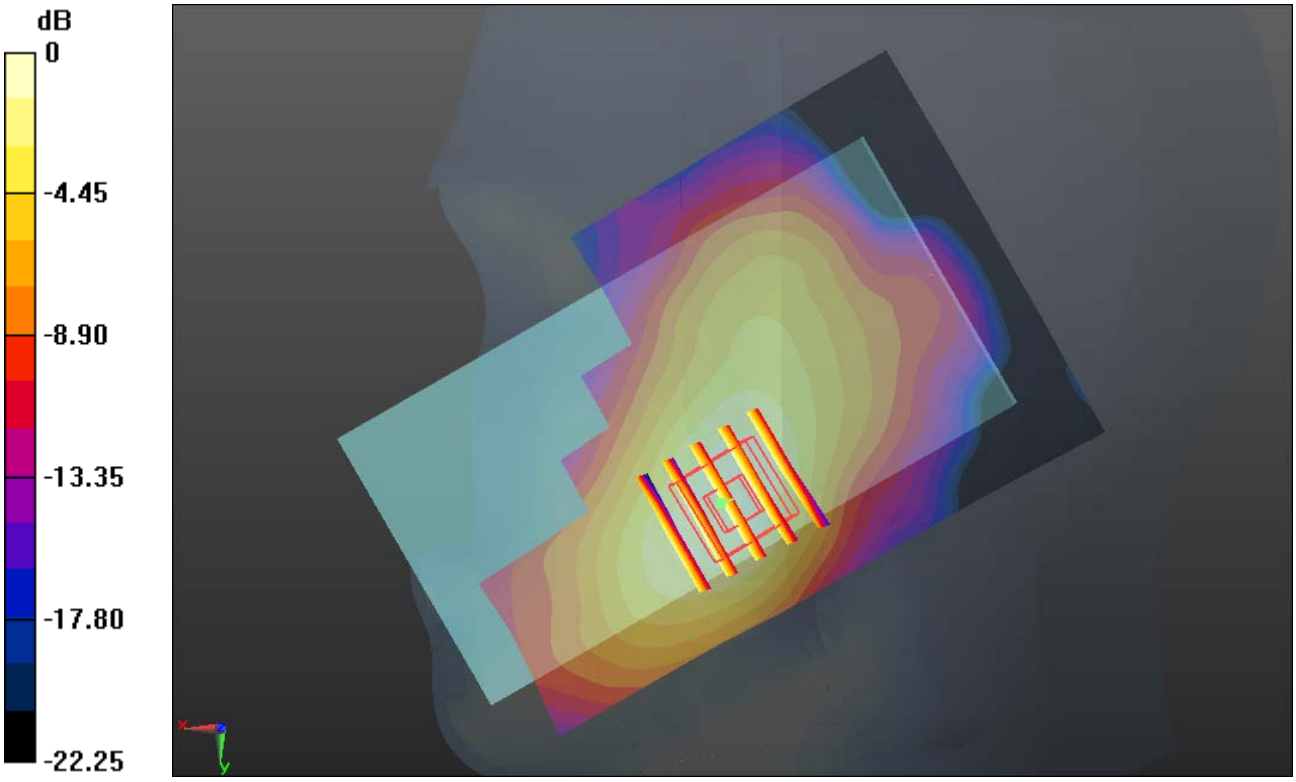
#07_GSM1900_GSM Voice_Right Cheek_Ch512

Communication System: General GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_131121 Medium parameters used: f = 1850.2 MHz; σ = 1.375 mho/m; ε_r = 39.073; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.160 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.036 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.196 W/kg
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.161 mW/g



0 dB = 0.160mW/g

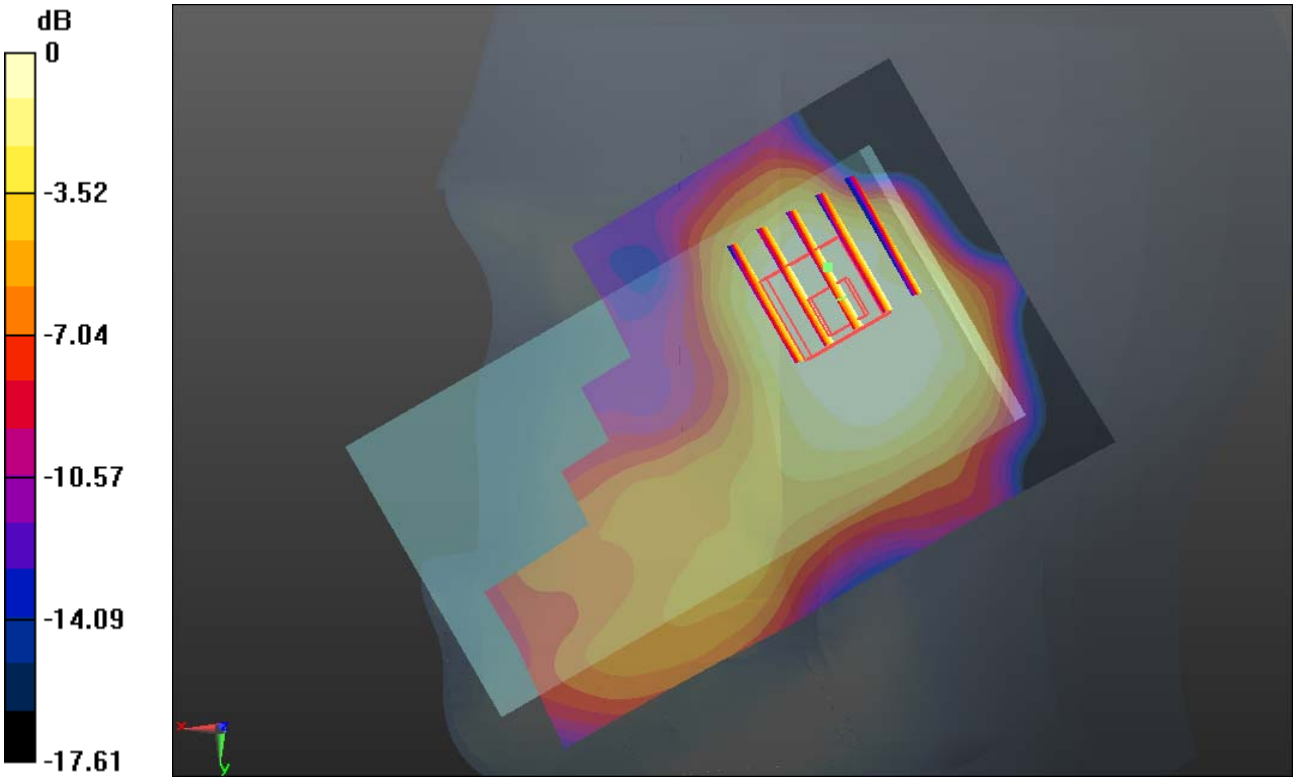
#08_GSM1900_GSM Voice_Right Tilted_Ch512

Communication System: General GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_131121 Medium parameters used: f = 1850.2 MHz; σ = 1.375 mho/m; ε_r = 39.073; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.057 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.631 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.064 W/kg
SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.054 mW/g



0 dB = 0.050mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.21

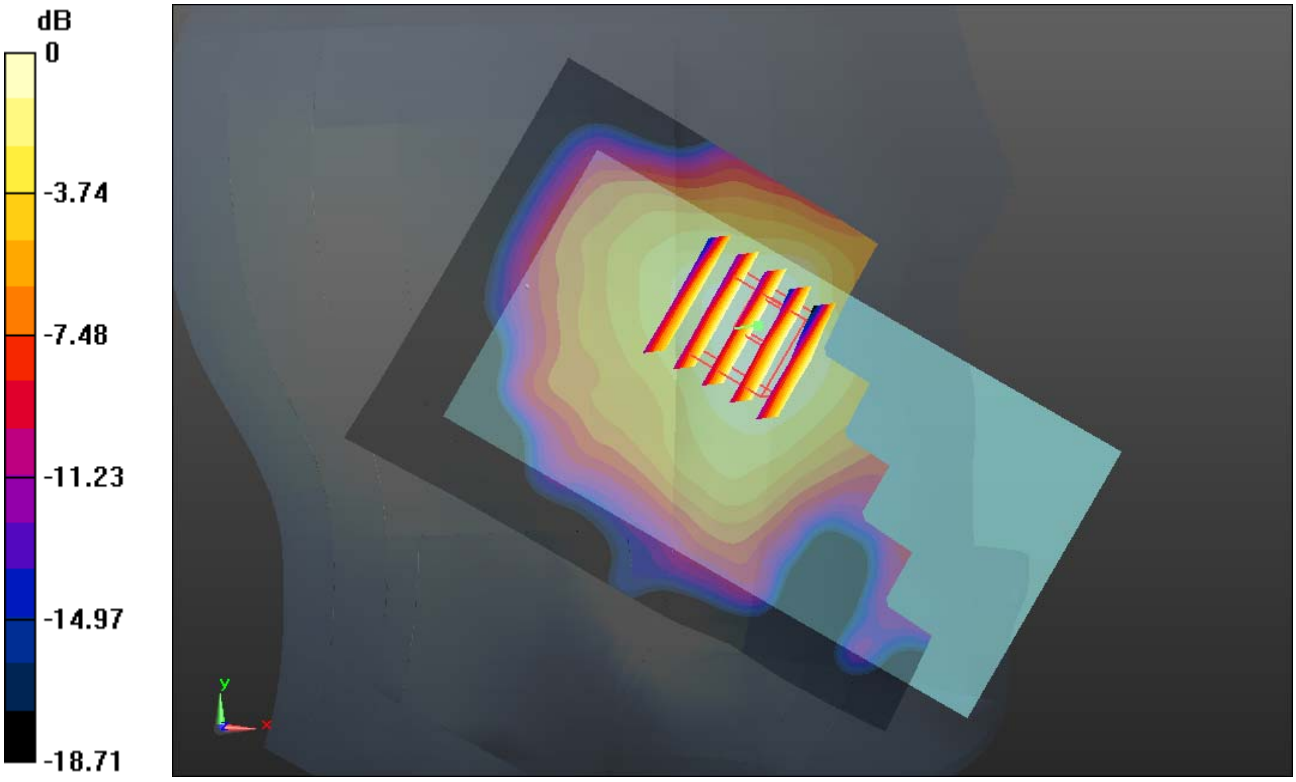
#09_GSM1900_GSM Voice_Left Cheek_Ch512

Communication System: General GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_131121 Medium parameters used: f = 1850.2 MHz; σ = 1.375 mho/m; ε_r = 39.073; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.081 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.701 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.093 W/kg
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.077 mW/g



0 dB = 0.080mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.21

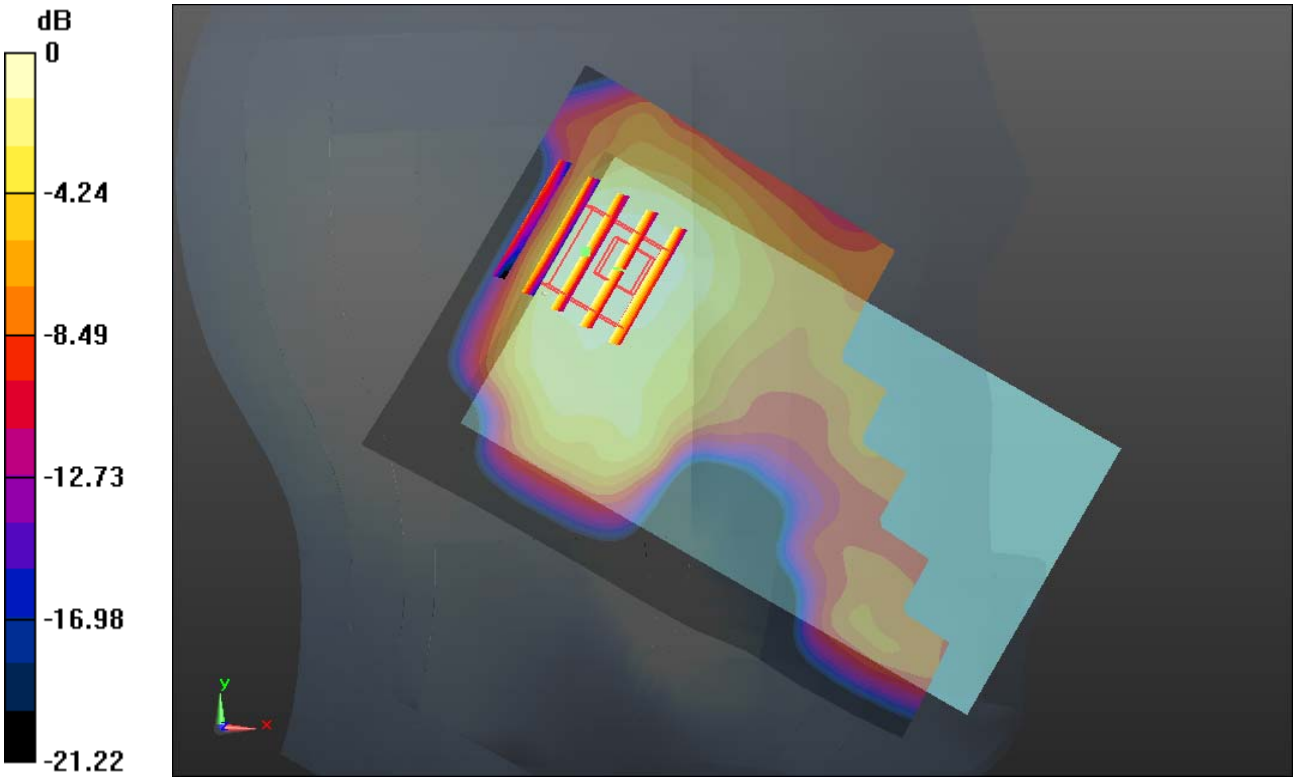
#10_GSM1900_GSM Voice_Left Tilted_Ch512

Communication System: General GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_131121 Medium parameters used: f = 1850.2 MHz; σ = 1.375 mho/m; ε_r = 39.073; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.058 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.860 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.070 W/kg
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.058 mW/g



0 dB = 0.060mW/g

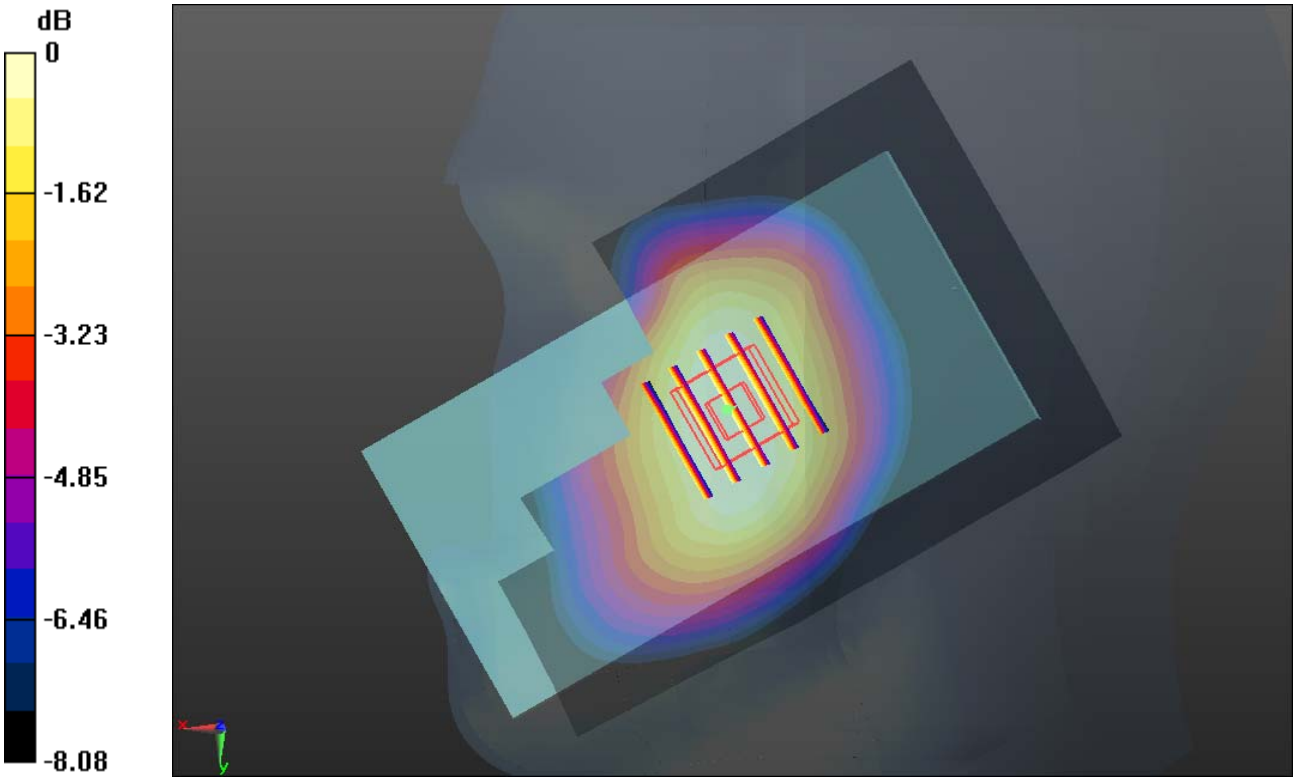
#13_WCDMA Band V_RMC12.2K_Right Cheek_Ch4182

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_131122 Medium parameters used: f = 836.4 MHz; σ = 0.906 mho/m; ε_r = 42.213; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.224 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.780 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.239 W/kg
SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.156 mW/g
Maximum value of SAR (measured) = 0.223 mW/g



0 dB = 0.220mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

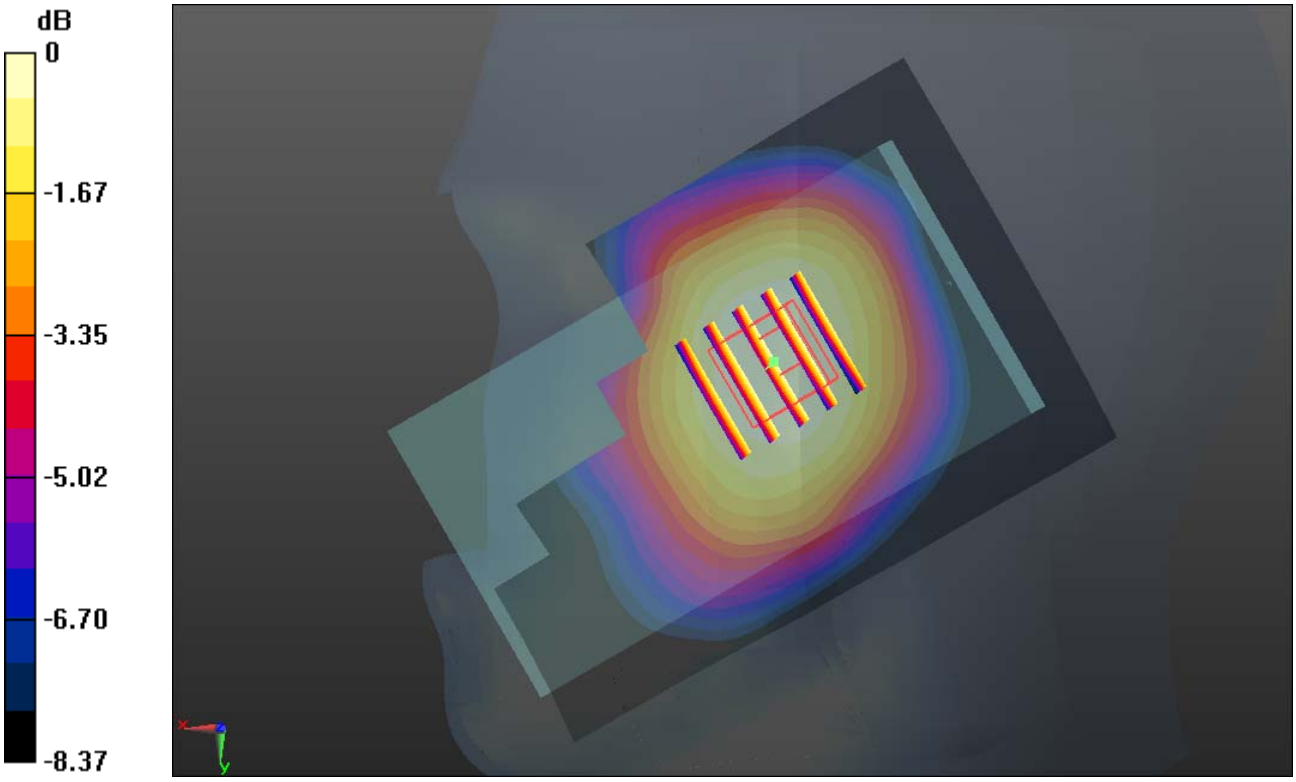
#14_WCDMA Band V_RMC12.2K_Right Tilted_Ch4182

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_131122 Medium parameters used: f = 836.4 MHz; σ = 0.906 mho/m; ε_r = 42.213; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.113 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.777 V/m; Power Drift = -0.0068 dB
Peak SAR (extrapolated) = 0.122 W/kg
SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.112 mW/g



0 dB = 0.110mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

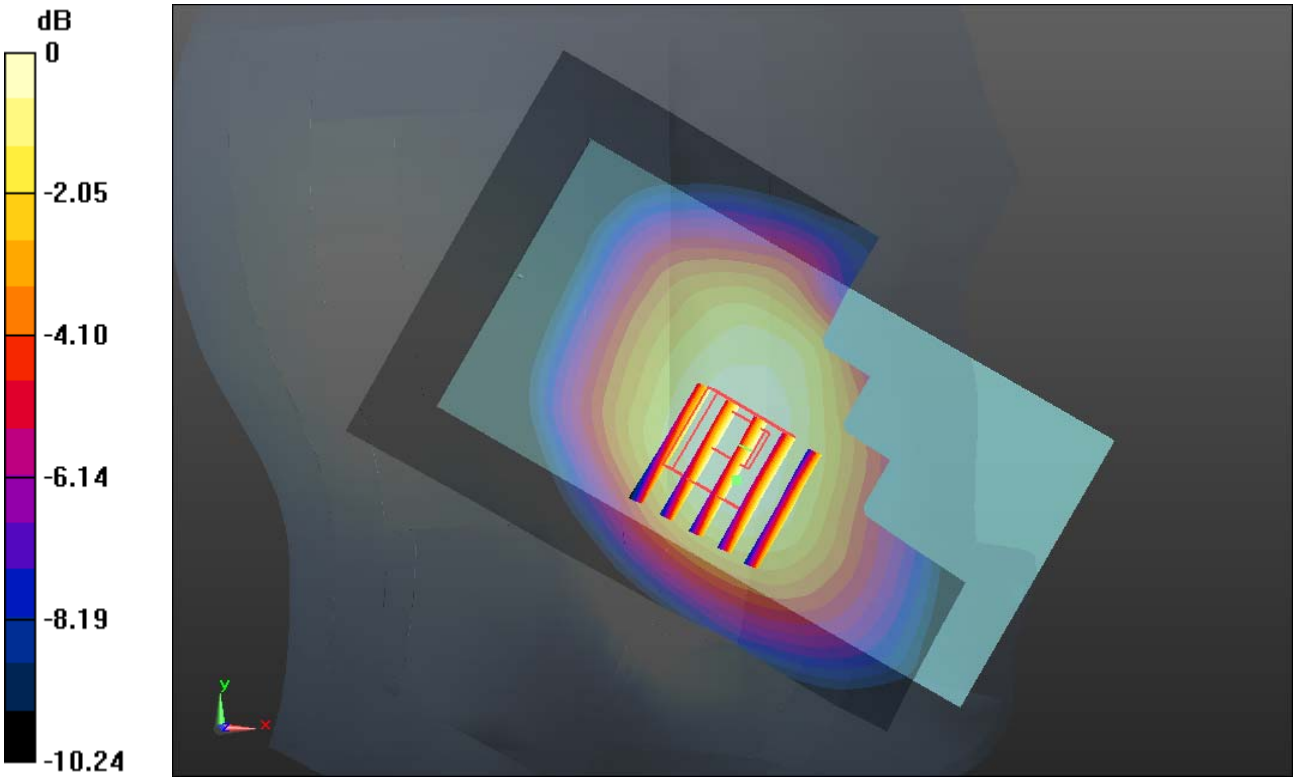
#15_WCDMA Band V_RMC12.2K_Left Cheek_Ch4182

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_131122 Medium parameters used: f = 836.4 MHz; σ = 0.906 mho/m; ε_r = 42.213; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.255 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.562 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.275 W/kg
SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.250 mW/g



0 dB = 0.250mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

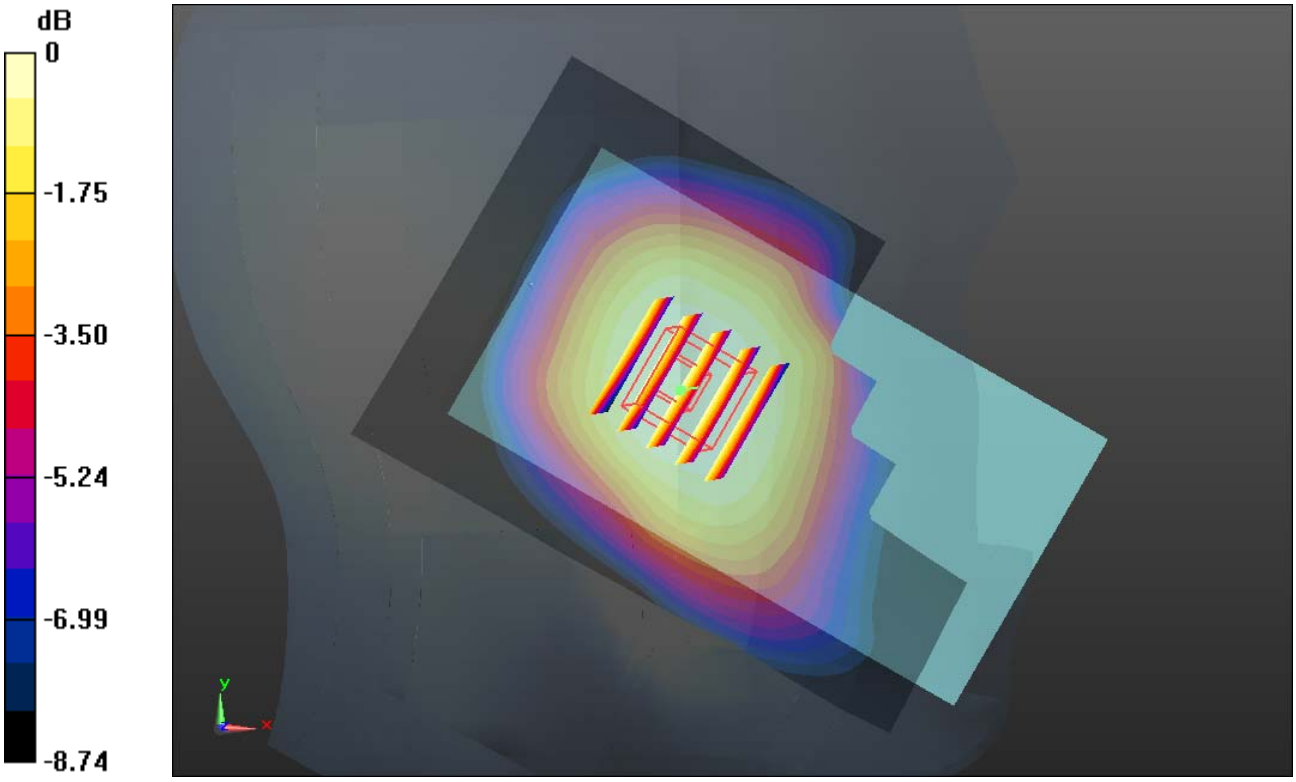
#16_WCDMA Band V_RMC12.2K_Left Tilted_Ch4182

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_131122 Medium parameters used: f = 836.4 MHz; σ = 0.906 mho/m; ε_r = 42.213; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.126 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.563 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.134 W/kg
SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.087 mW/g
Maximum value of SAR (measured) = 0.123 mW/g



0 dB = 0.120mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.21

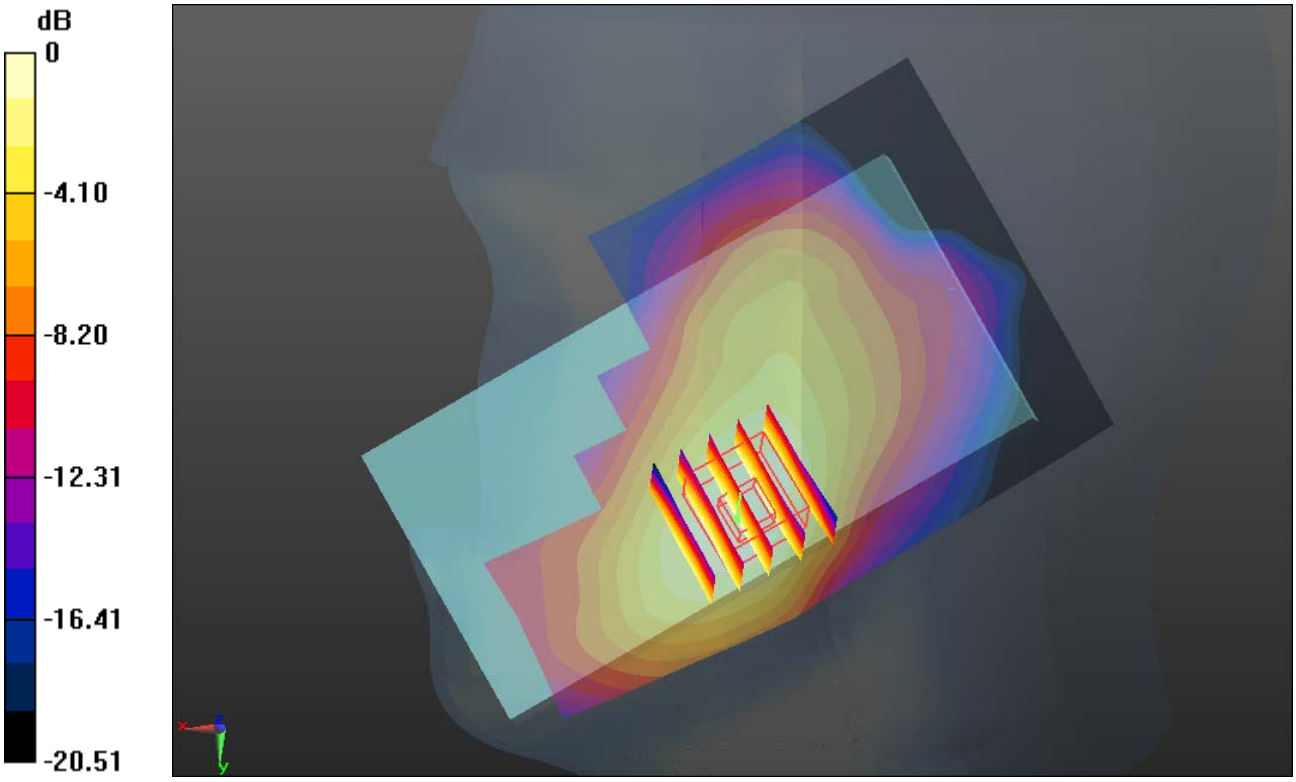
#19_WCDMA Band II_RMC12.2K_Right Cheek_Ch9262

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131121 Medium parameters used: f = 1852.4 MHz; σ = 1.377 mho/m; ε_r = 39.066; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.318 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.443 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.389 W/kg
SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.154 mW/g
Maximum value of SAR (measured) = 0.319 mW/g



0 dB = 0.320mW/g

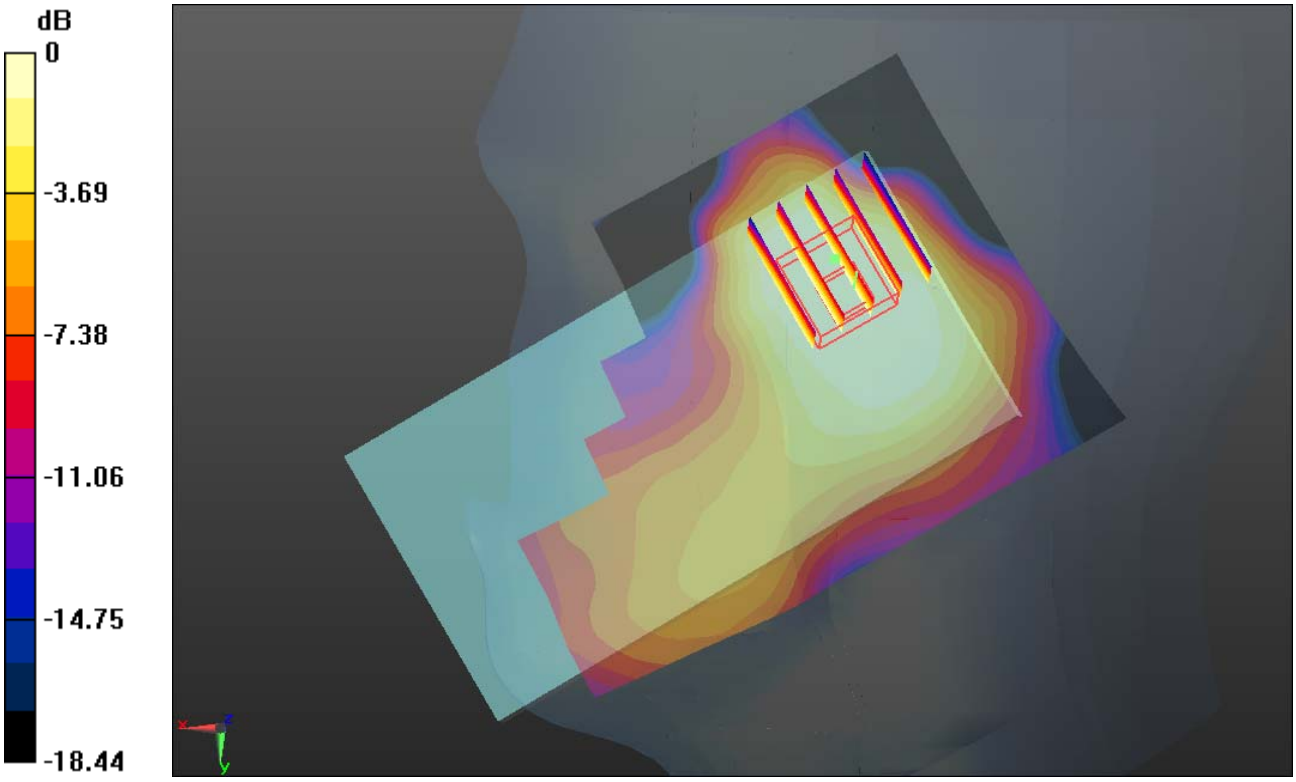
#20_WCDMA Band II_RMC12.2K_Right Tilted_Ch9262

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131121 Medium parameters used: f = 1852.4 MHz; σ = 1.377 mho/m; ε_r = 39.066; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.115 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.365 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.103 mW/g



0 dB = 0.100mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.21

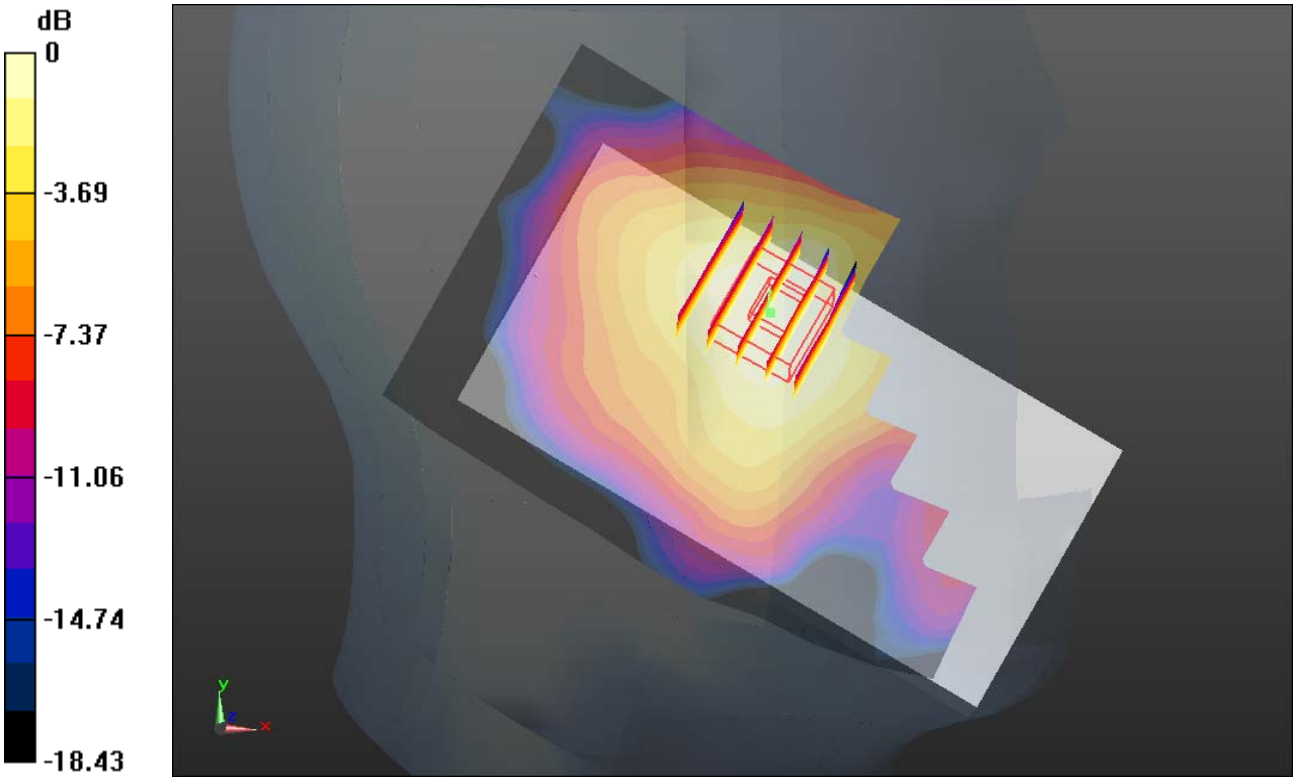
#21_WCDMA Band II_RMC12.2K_Left Cheek_Ch9262

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131121 Medium parameters used: f = 1852.4 MHz; σ = 1.377 mho/m; ε_r = 39.066; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.159 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.534 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.154 mW/g



0 dB = 0.150mW/g

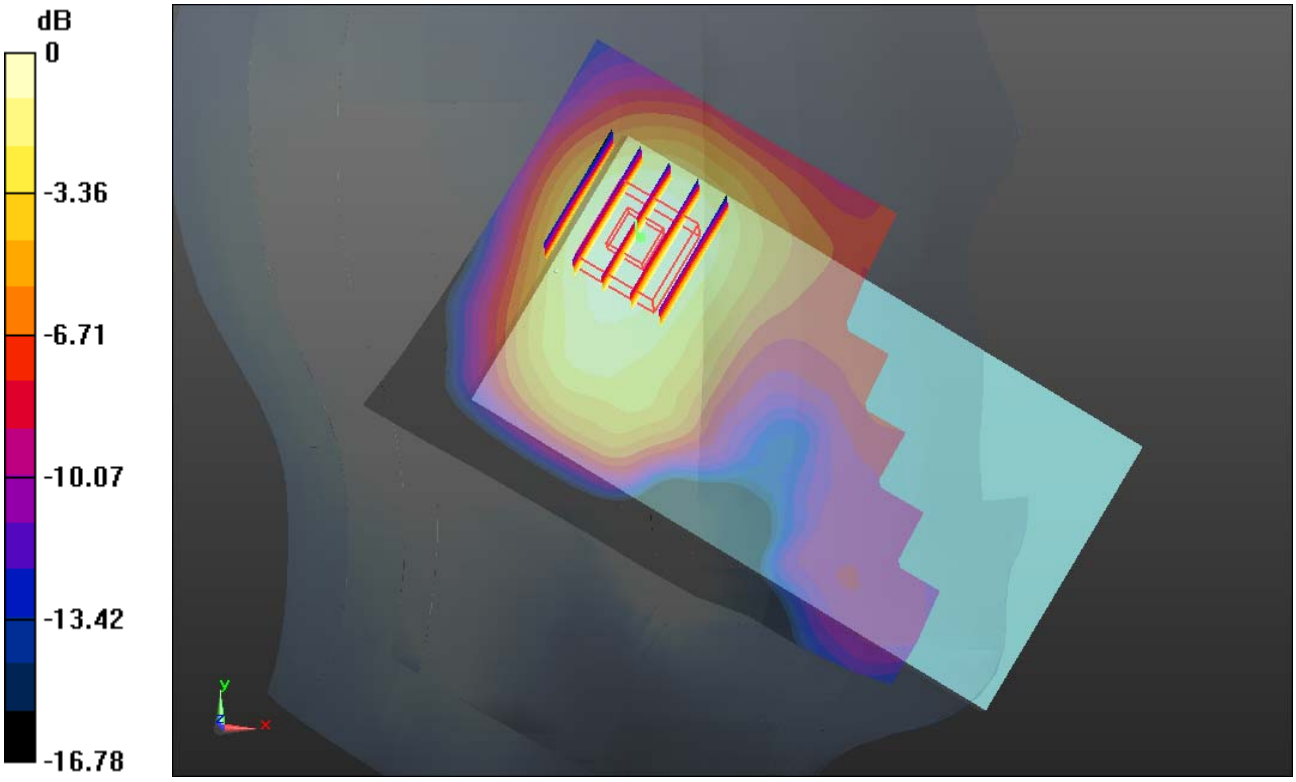
#22_WCDMA Band II_RMC12.2K_Left Tilted_Ch9262

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131121 Medium parameters used: f = 1852.4 MHz; σ = 1.377 mho/m; ε_r = 39.066; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.114 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.329 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.130 W/kg
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.110 mW/g



0 dB = 0.110mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

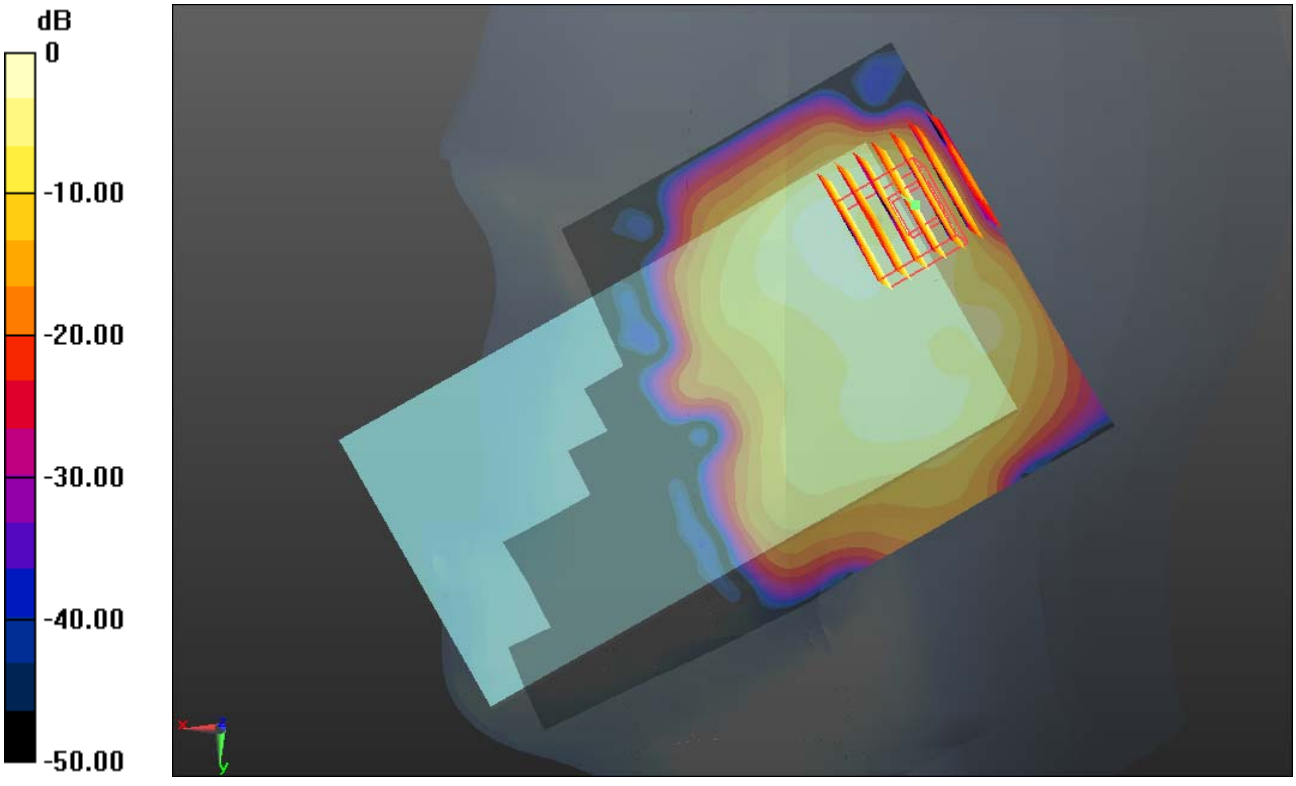
#25_WLAN 2.4GHz_802.11b_1M_Right Cheek_Ch11

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_131122 Medium parameters used: f = 2462 MHz; σ = 1.831 mho/m; ε_r = 39.149; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.05, 7.05, 7.05); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.284 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.309 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.535 W/kg
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.337 mW/g



0 dB = 0.340mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

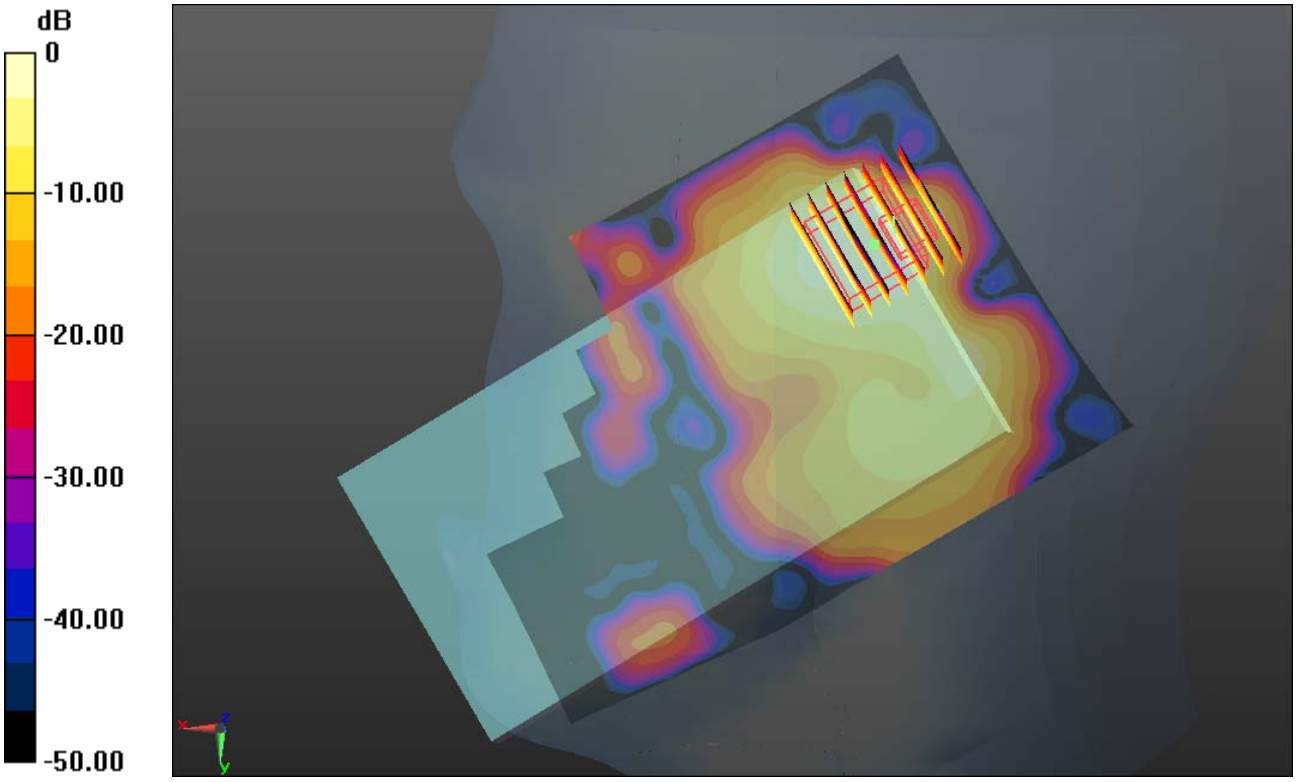
#26_WLAN 2.4GHz_802.11b_1M_Right Tilted_Ch11

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_131122 Medium parameters used: f = 2462 MHz; σ = 1.831 mho/m; ε_r = 39.149; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.05, 7.05, 7.05); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.477 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.428 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.608 W/kg
SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.058 mW/g
Maximum value of SAR (measured) = 0.335 mW/g



0 dB = 0.340mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

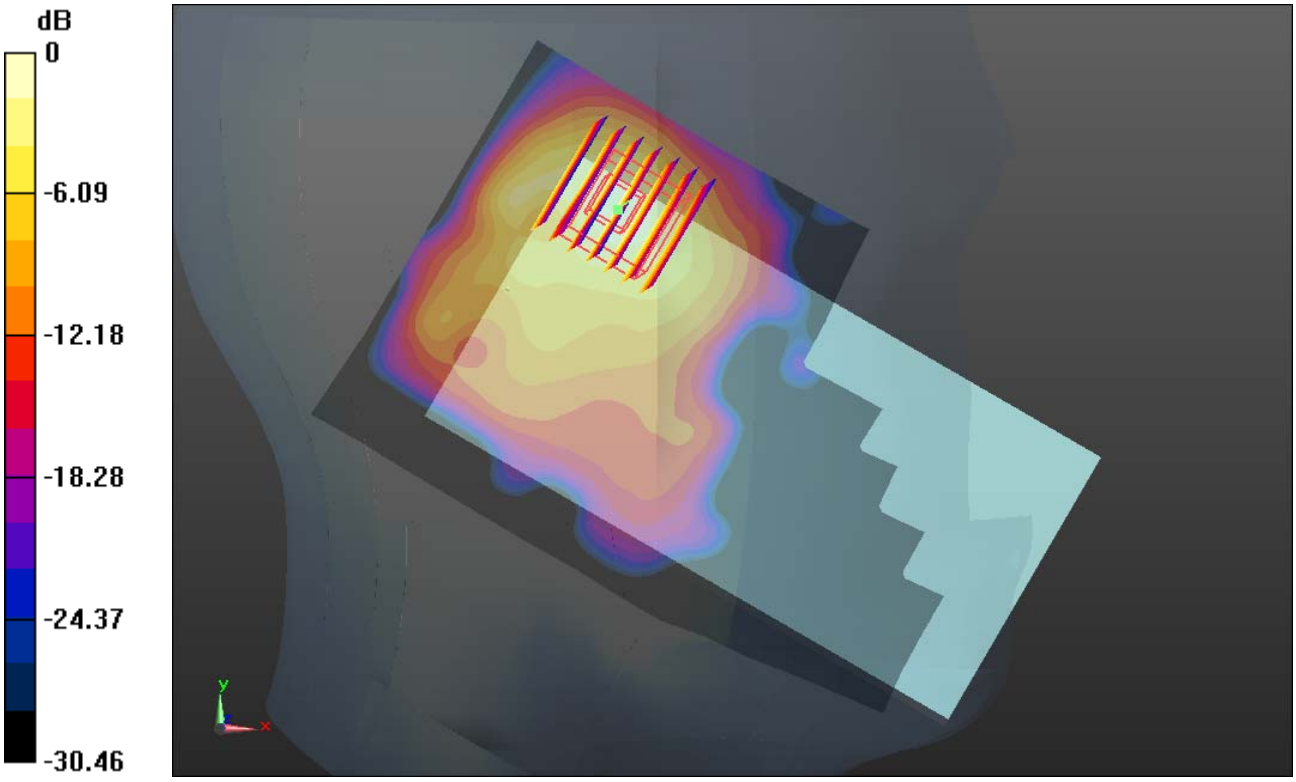
#27_WLAN 2.4GHz_802.11b_1M_Left Cheek_Ch11

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_131122 Medium parameters used: f = 2462 MHz; σ = 1.831 mho/m; ε_r = 39.149; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.05, 7.05, 7.05); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.467 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.533 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.664 W/kg
SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.451 mW/g



0 dB = 0.450mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

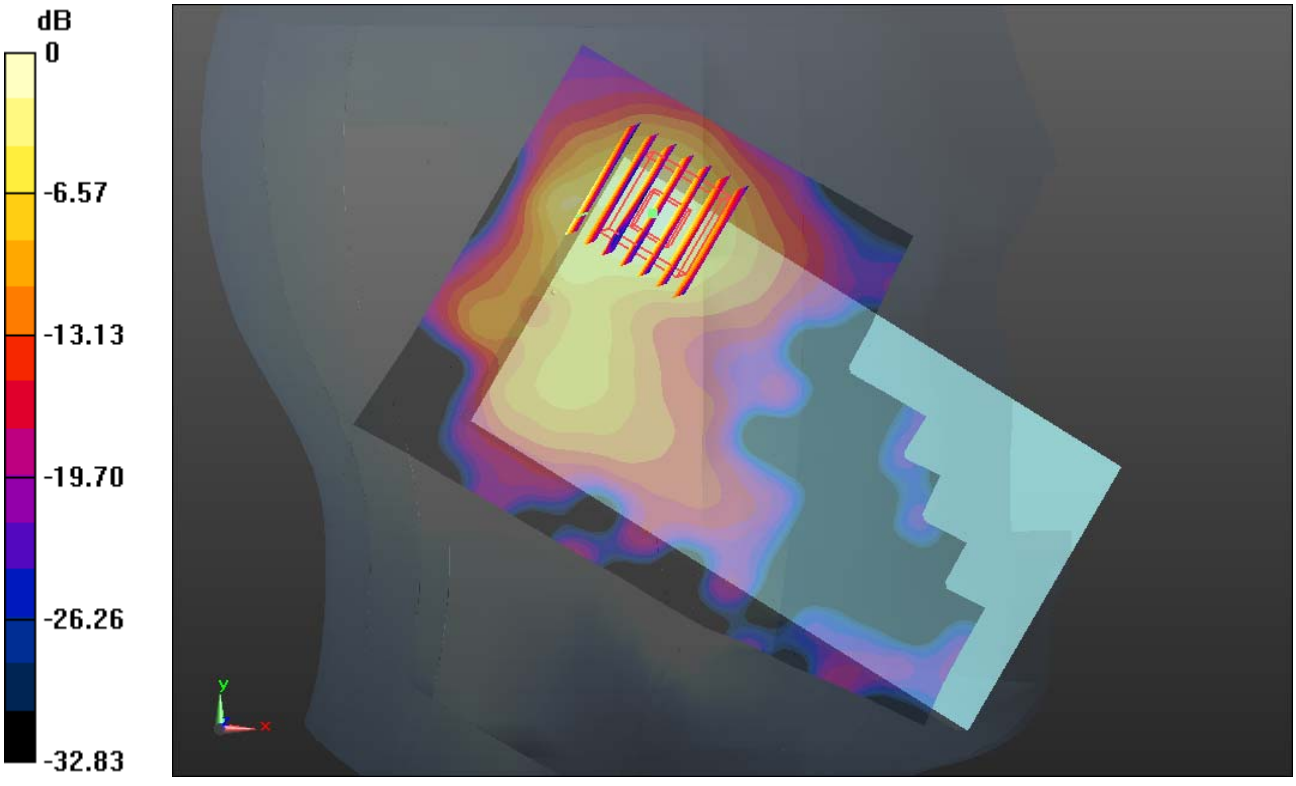
#28_WLAN 2.4GHz_802.11b_1M_Left Tilted_Ch11

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_131122 Medium parameters used: f = 2462 MHz; σ = 1.831 mho/m; ε_r = 39.149; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.05, 7.05, 7.05); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.298 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.821 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.616 W/kg
SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.388 mW/g



0 dB = 0.390mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

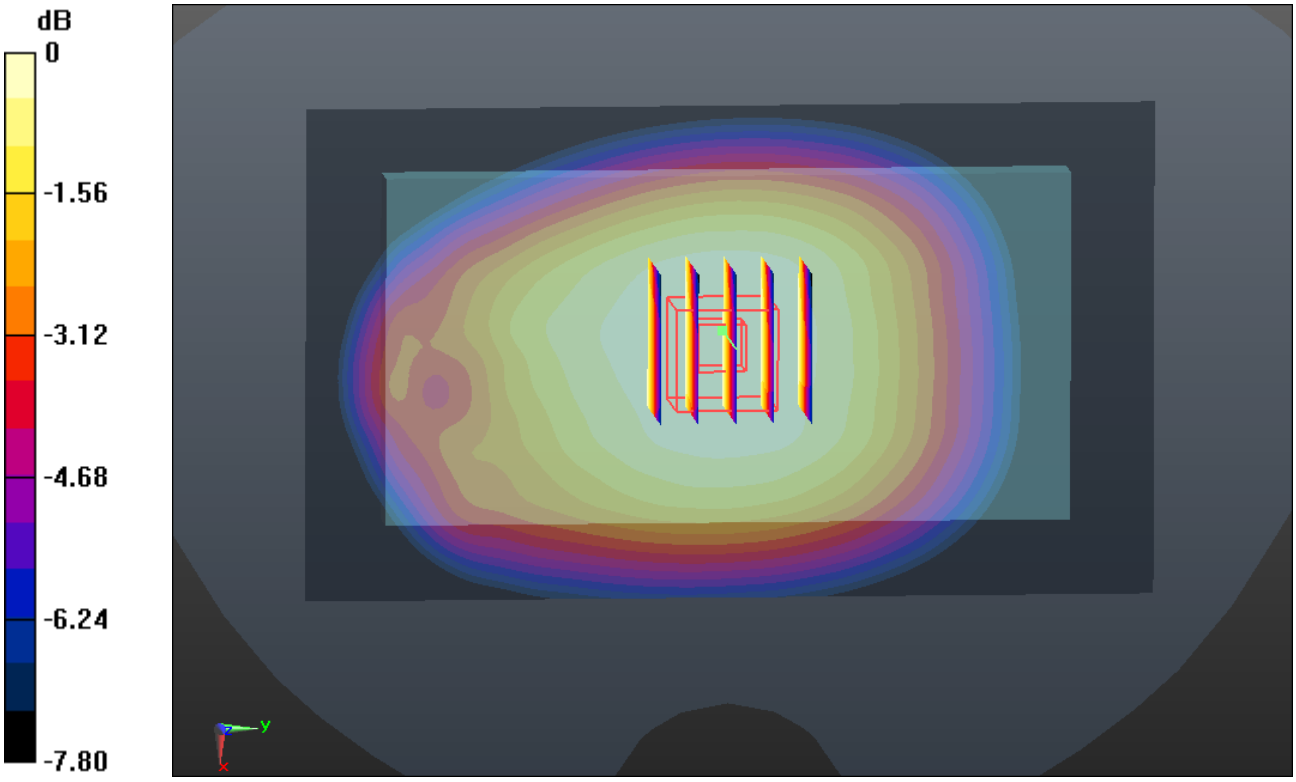
#31_GSM850_GPRS (4 Tx slots)_Front 1cm_Ch128

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_131122 Medium parameters used: f = 824.2 MHz; σ = 0.972 mho/m; ε_r = 54.953; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.704 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.631 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.775 W/kg
SAR(1 g) = 0.616 mW/g; SAR(10 g) = 0.483 mW/g
Maximum value of SAR (measured) = 0.702 mW/g



0 dB = 0.700mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

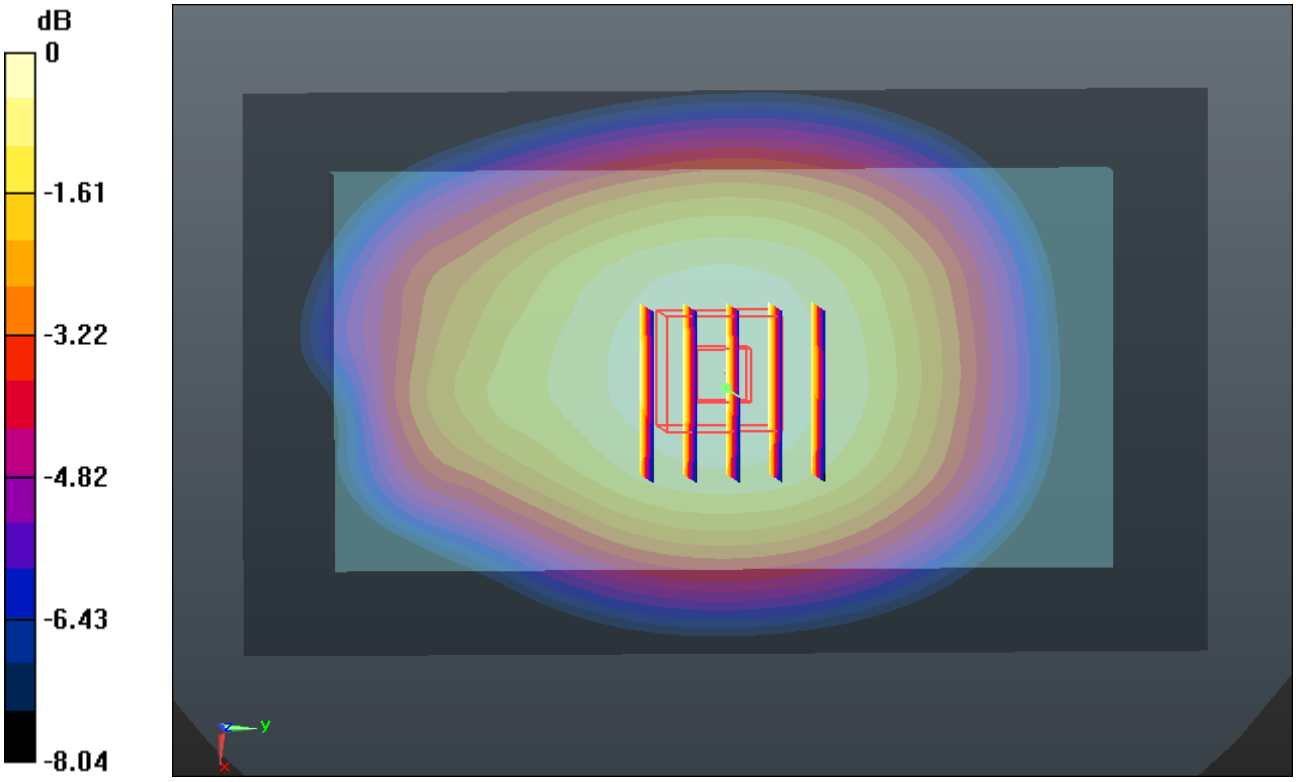
#32_GSM850_GPRS (4 Tx slots)_Back 1cm_Ch128

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_131122 Medium parameters used: f = 824.2 MHz; σ = 0.972 mho/m; ε_r = 54.953; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.756 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.565 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.826 W/kg
SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.504 mW/g
Maximum value of SAR (measured) = 0.750 mW/g



0 dB = 0.750mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

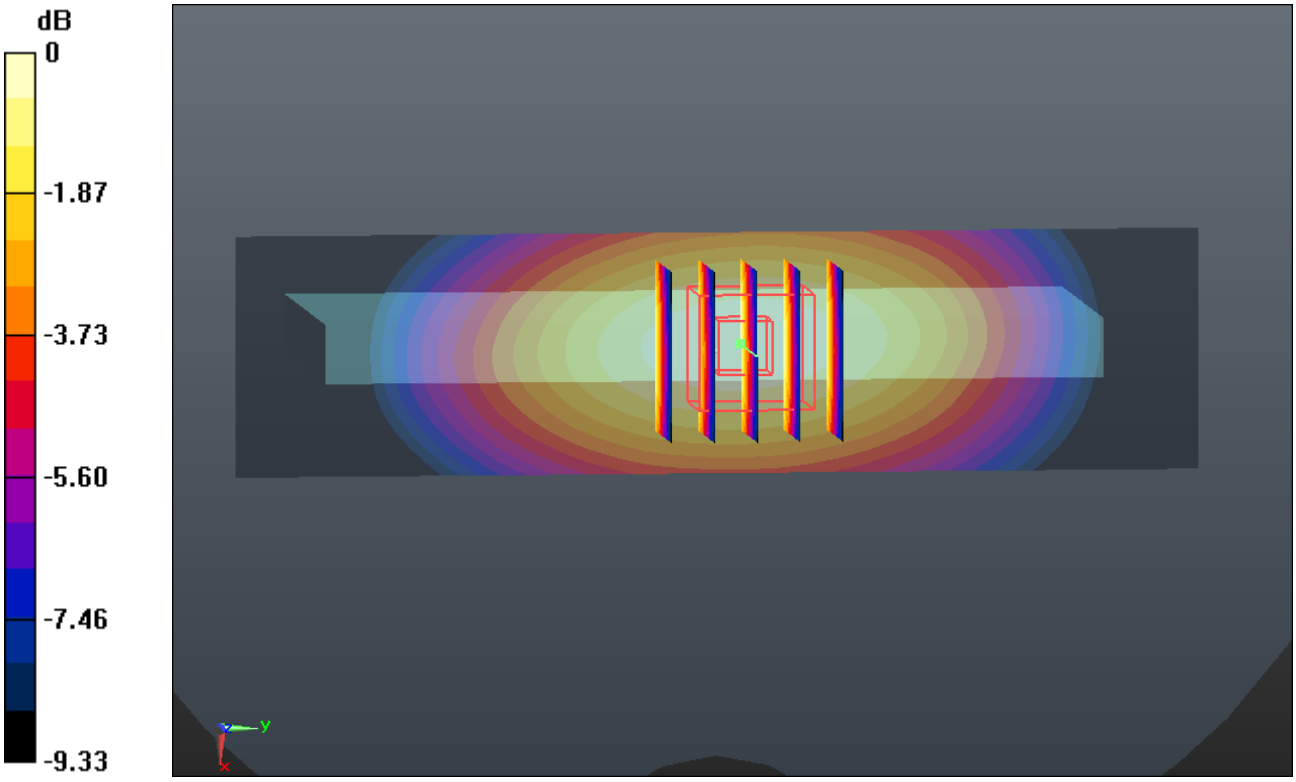
#34_GSM850_GPRS (4 Tx slots)_Right Side 1cm_Ch128

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_131122 Medium parameters used: f = 824.2 MHz; σ = 0.972 mho/m; ε_r = 54.953; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.632 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.843 V/m; Power Drift = -0.0037 dB
Peak SAR (extrapolated) = 0.736 W/kg
SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.363 mW/g
Maximum value of SAR (measured) = 0.640 mW/g



0 dB = 0.640mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

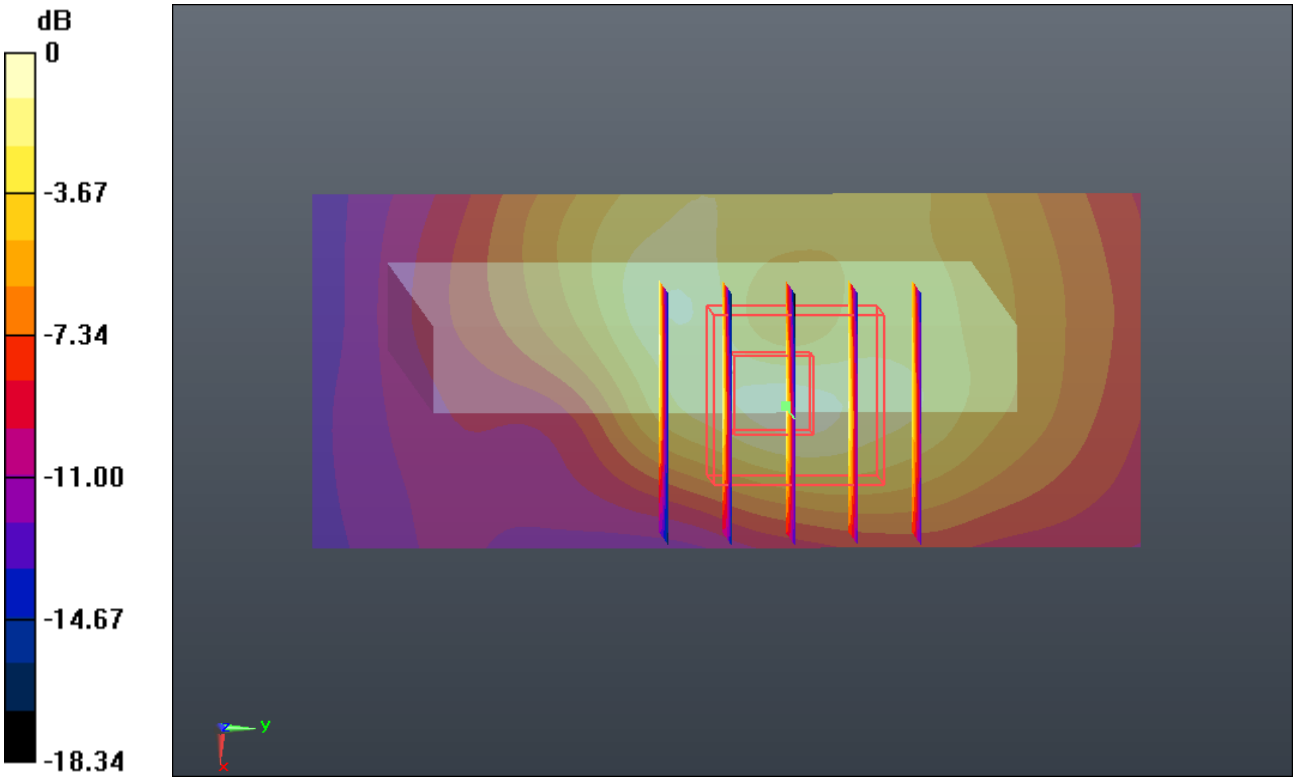
#35_GSM850_GPRS (4 Tx slots)_Bottom Side 1cm_Ch128

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_131122 Medium parameters used: f = 824.2 MHz; σ = 0.972 mho/m; ε_r = 54.953; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.107 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.627 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.158 W/kg
SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.117 mW/g



0 dB = 0.120mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

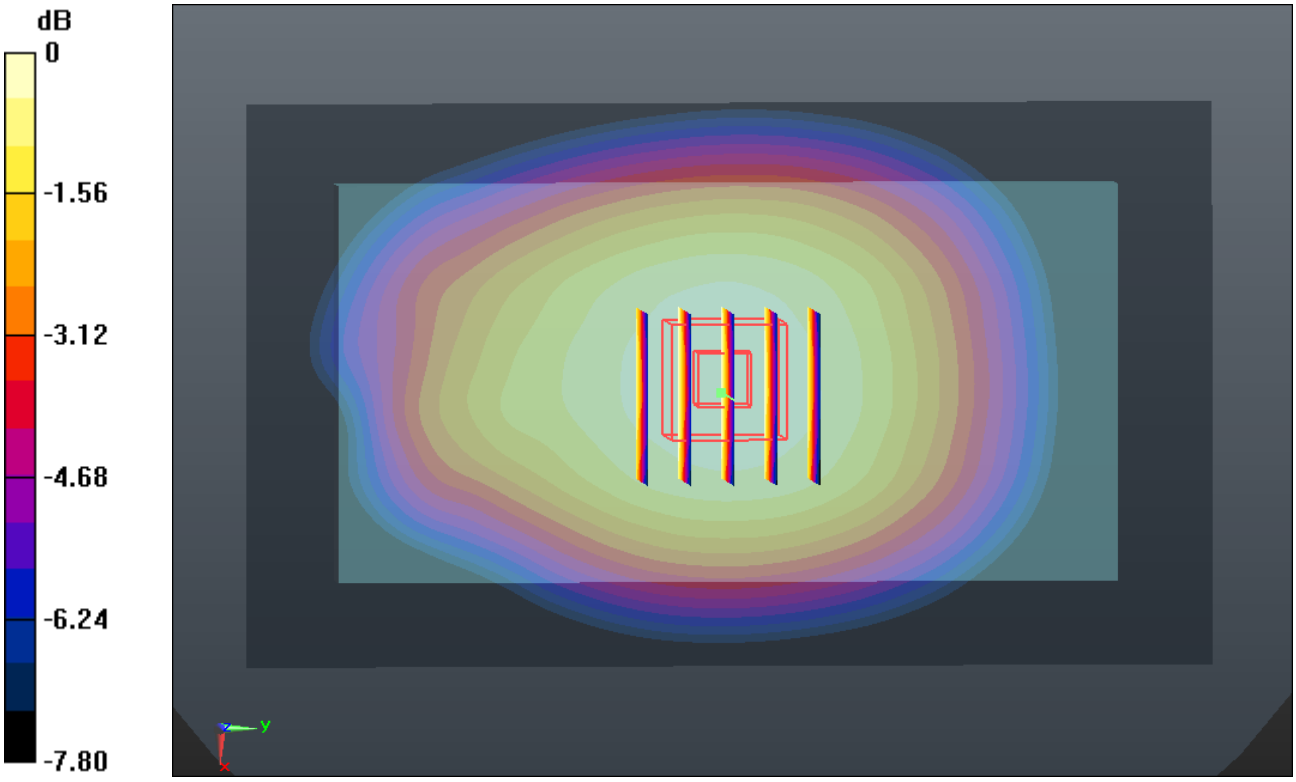
#36_GSM850_GSM Voice_Back 1cm_Ch128

Communication System: General GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_850_131122 Medium parameters used: f = 824.2 MHz; σ = 0.972 mho/m; ε_r = 54.953; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.444 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.394 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.492 W/kg
SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.302 mW/g
Maximum value of SAR (measured) = 0.447 mW/g



0 dB = 0.450mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.21

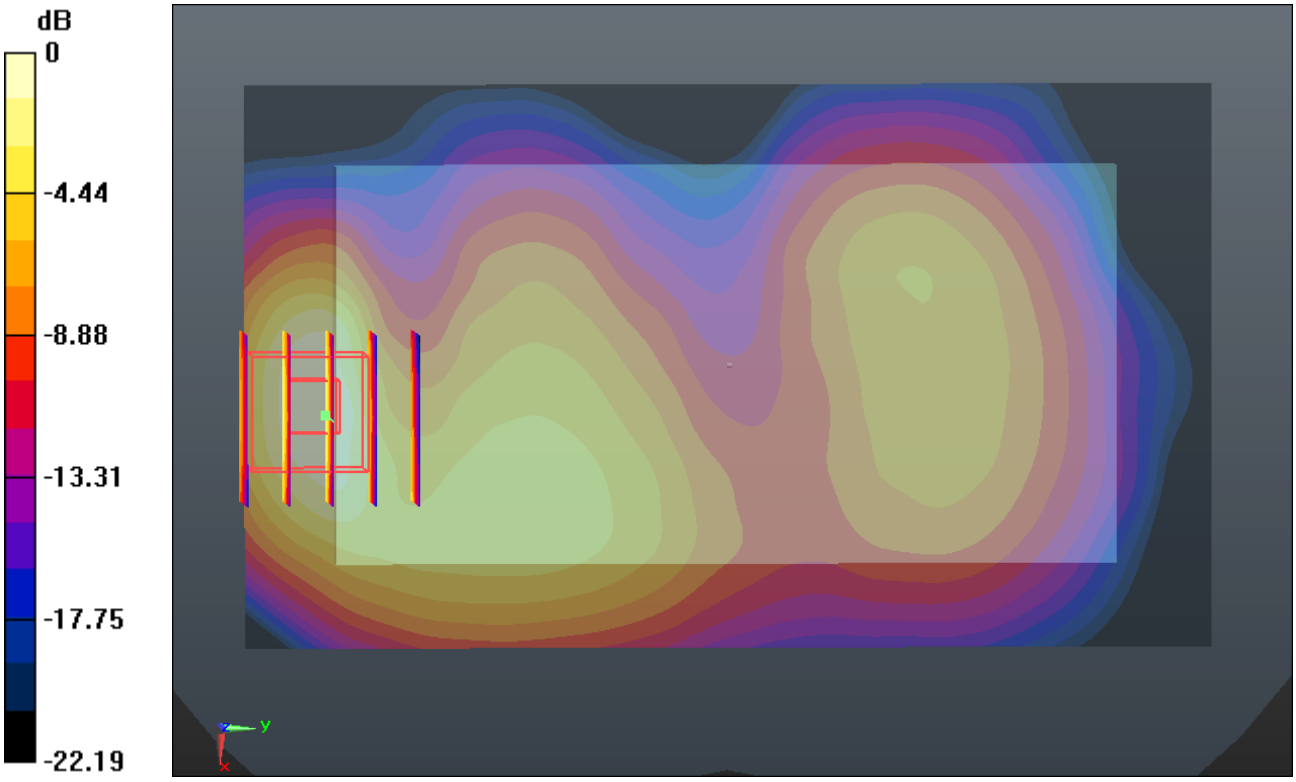
#39_GSM1900_GPRS (4 Tx slots)_Front 1cm_Ch512

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_131121 Medium parameters used: f = 1850.2 MHz; σ = 1.495 mho/m; ε_r = 53.647; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.596 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.770 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.760 W/kg
SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.207 mW/g
Maximum value of SAR (measured) = 0.582 mW/g



0 dB = 0.580mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.21

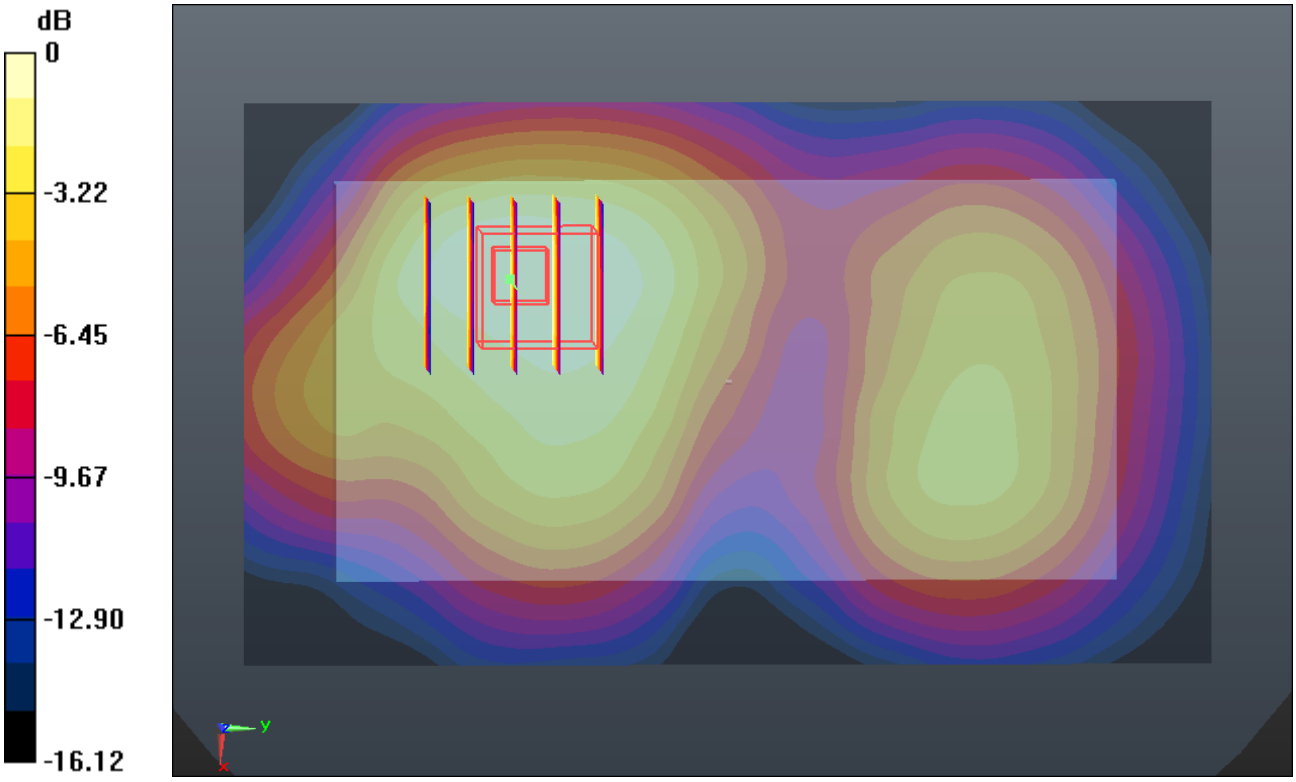
#40_GSM1900_GPRS (4 Tx slots)_Back 1cm_Ch512

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_131121 Medium parameters used: f = 1850.2 MHz; σ = 1.495 mho/m; ε_r = 53.647; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.398 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.933 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.439 W/kg
SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.369 mW/g



0 dB = 0.370mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.21

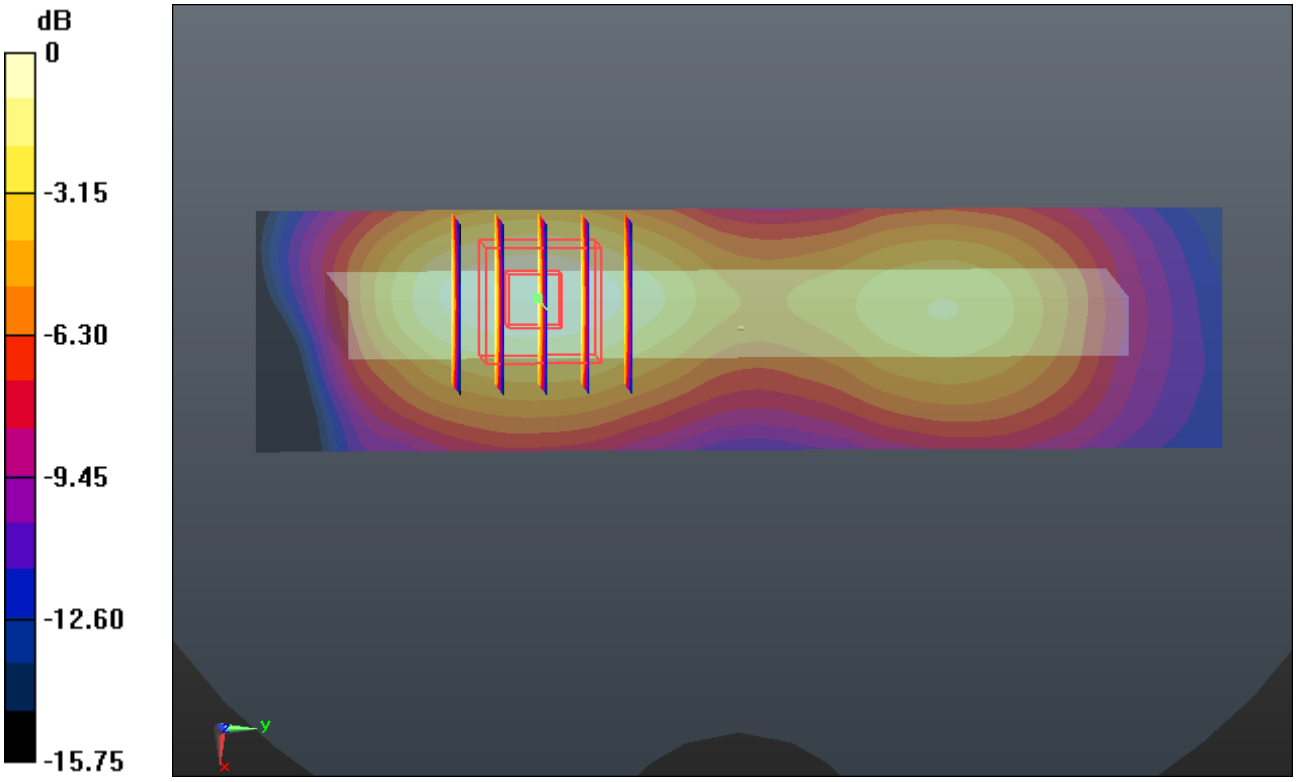
#42_GSM1900_GPRS (4 Tx slots)_Right Side 1cm_Ch512

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_131121 Medium parameters used: f = 1850.2 MHz; σ = 1.495 mho/m; ε_r = 53.647; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.286 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.656 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.343 W/kg
SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR (measured) = 0.289 mW/g



0 dB = 0.290mW/g

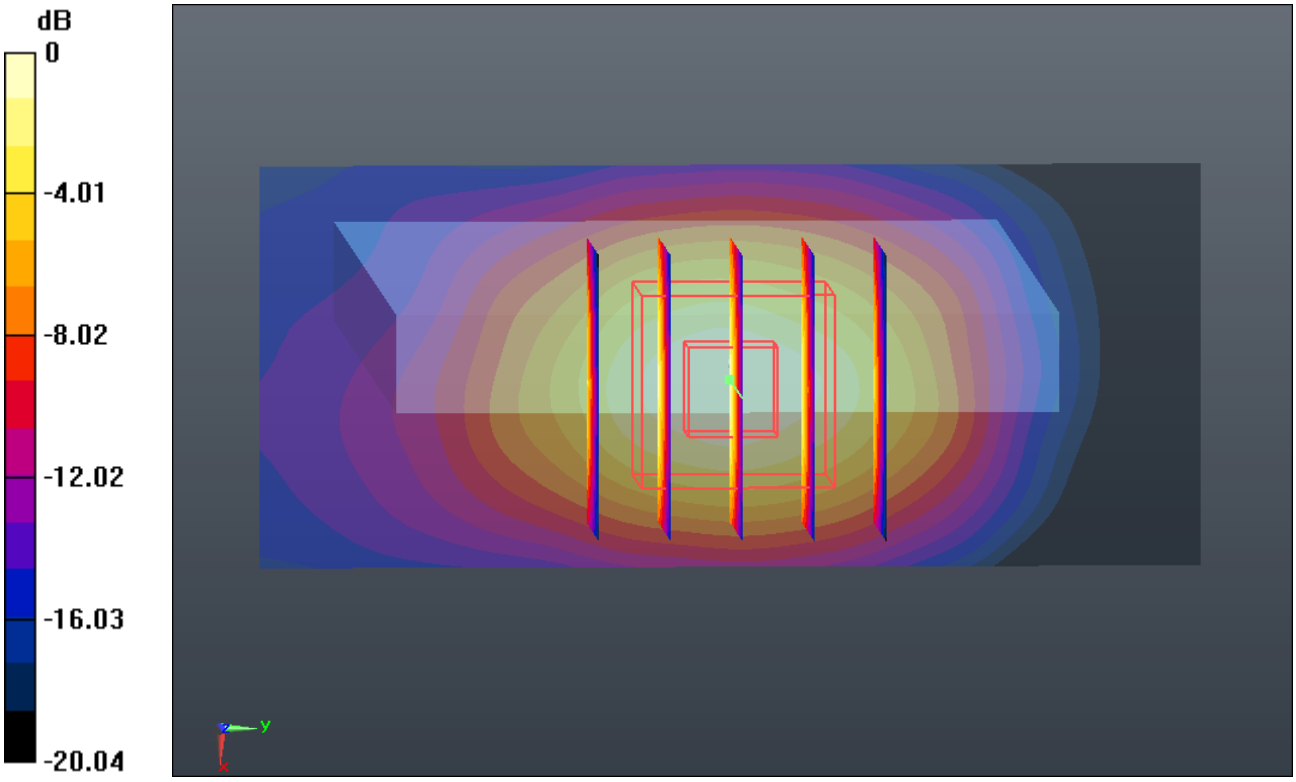
#43_GSM1900_GPRS (4 Tx slots)_Bottom Side 1cm_Ch512

Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_131121 Medium parameters used: f = 1850.2 MHz; σ = 1.495 mho/m; ε_r = 53.647; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.679 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.300 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.791 W/kg
SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.225 mW/g
Maximum value of SAR (measured) = 0.640 mW/g



0 dB = 0.640mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.21

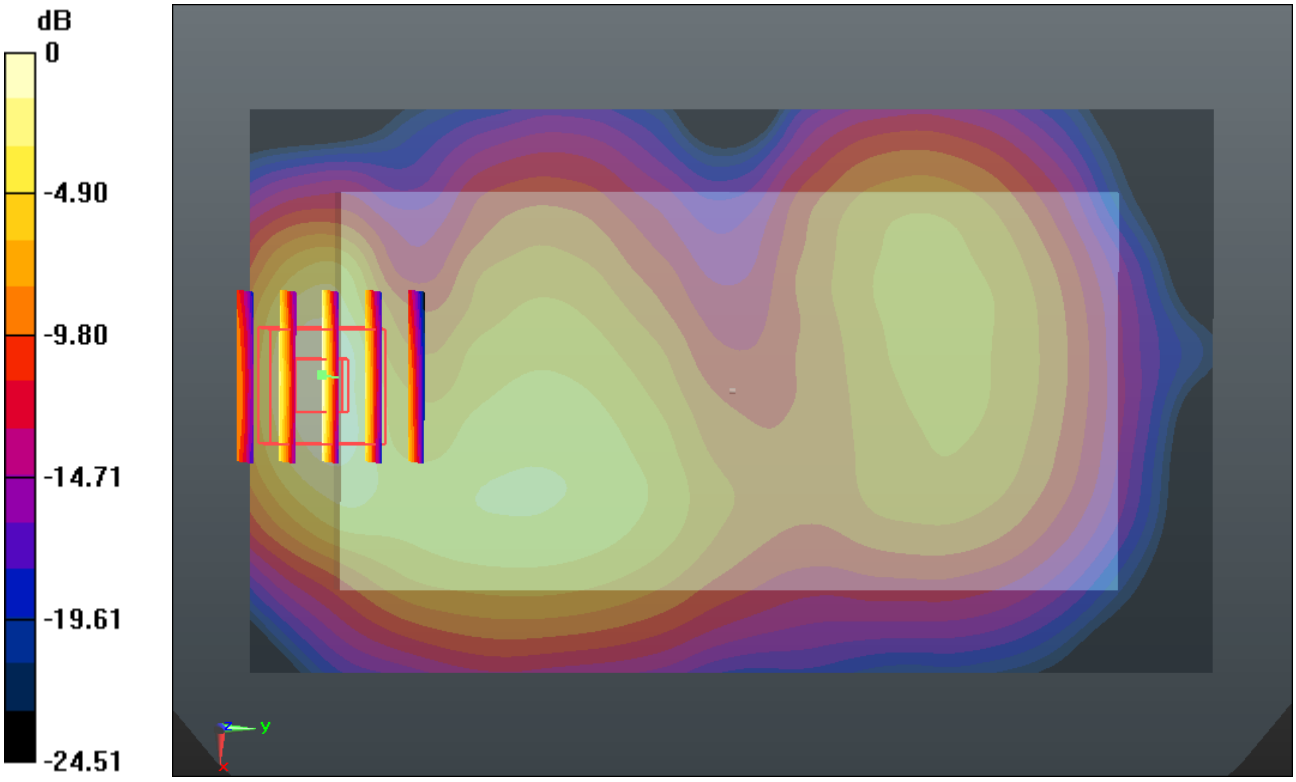
#44_GSM1900_GSM Voice_Front 1cm_Ch512

Communication System: General GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_131121 Medium parameters used: f = 1850.2 MHz; σ = 1.495 mho/m; ε_r = 53.647; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.348 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.454 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.436 W/kg
SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.120 mW/g
Maximum value of SAR (measured) = 0.352 mW/g



0 dB = 0.350mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

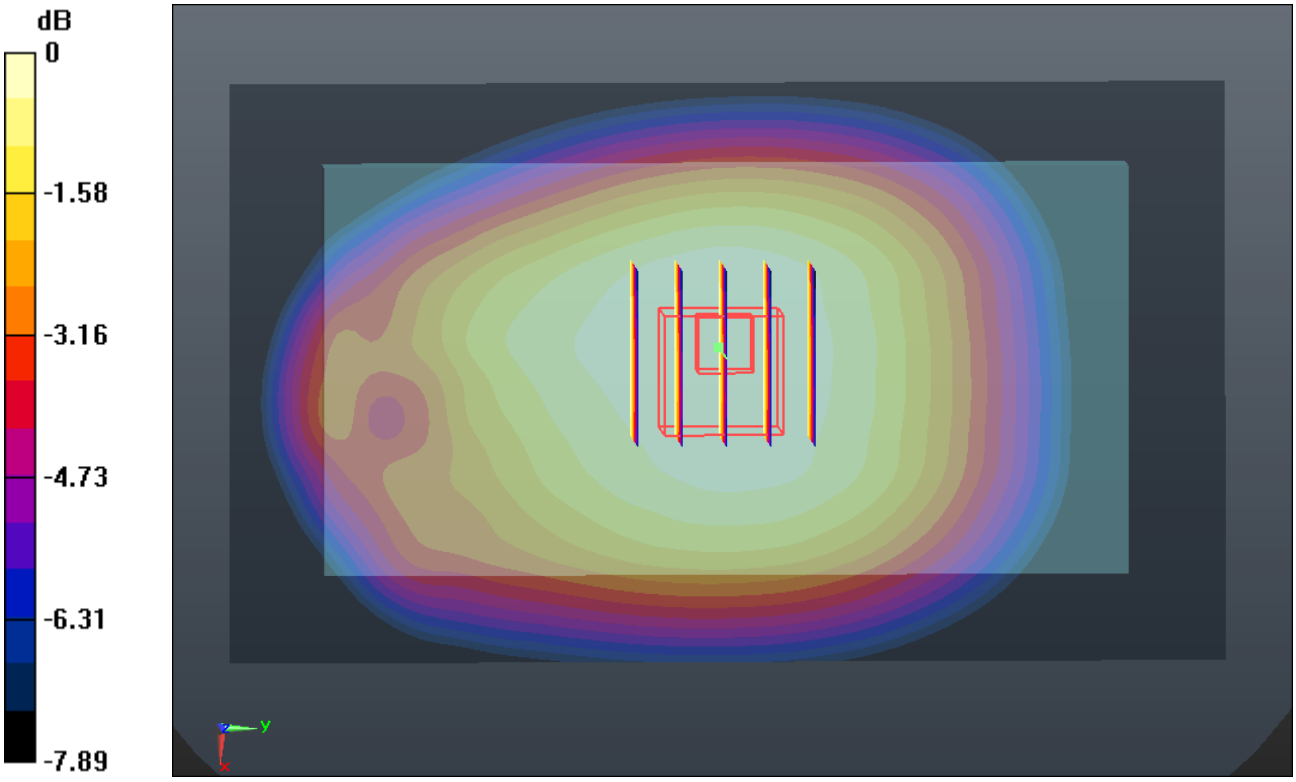
#47_WCDMA Band V_RMC12.2K_Front 1cm_Ch4182

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_131122 Medium parameters used: f = 836.4 MHz; σ = 0.984 mho/m; ε_r = 54.837; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.312 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.846 V/m; Power Drift = 0.0061 dB
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.210 mW/g
Maximum value of SAR (measured) = 0.309 mW/g



0 dB = 0.310mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.22

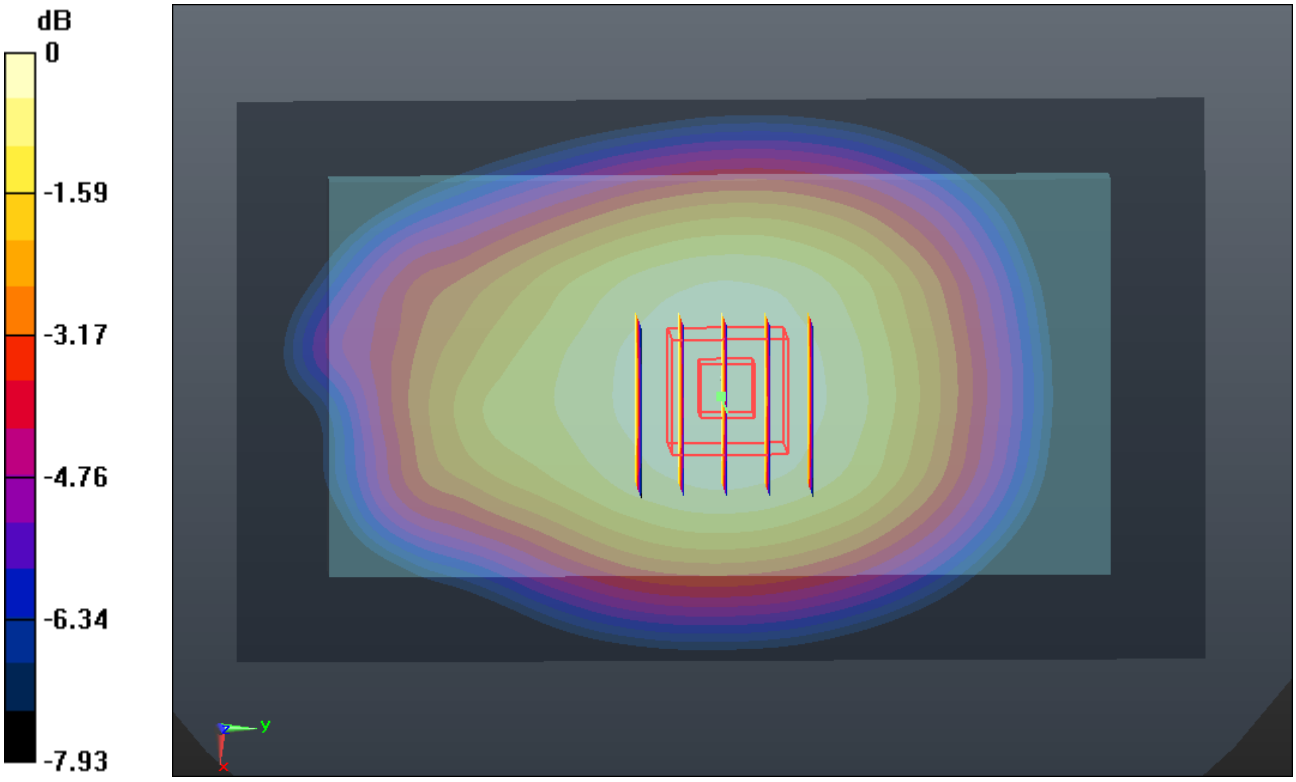
#48_WCDMA Band V_RMC12.2K_Back 1cm_Ch4182

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_131122 Medium parameters used: f = 836.4 MHz; σ = 0.984 mho/m; ε_r = 54.837; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.331 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.446 V/m; Power Drift = -0.0046 dB
Peak SAR (extrapolated) = 0.362 W/kg
SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.221 mW/g
Maximum value of SAR (measured) = 0.329 mW/g



0 dB = 0.330mW/g

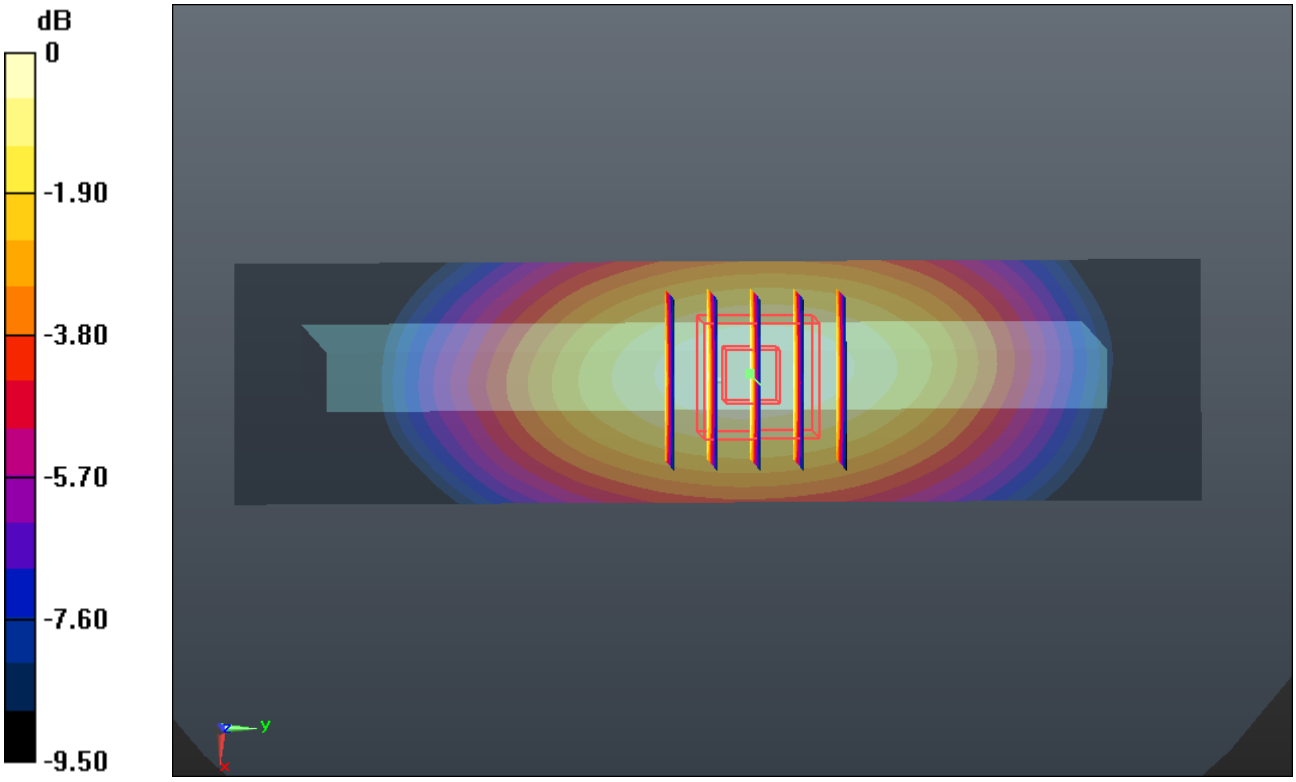
#50_WCDMA Band V_RMC12.2K_Right Side 1cm_Ch4182

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_131122 Medium parameters used: f = 836.4 MHz; σ = 0.984 mho/m; ε_r = 54.837; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (31x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.237 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.449 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.278 W/kg
SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.136 mW/g
Maximum value of SAR (measured) = 0.240 mW/g



0 dB = 0.240mW/g

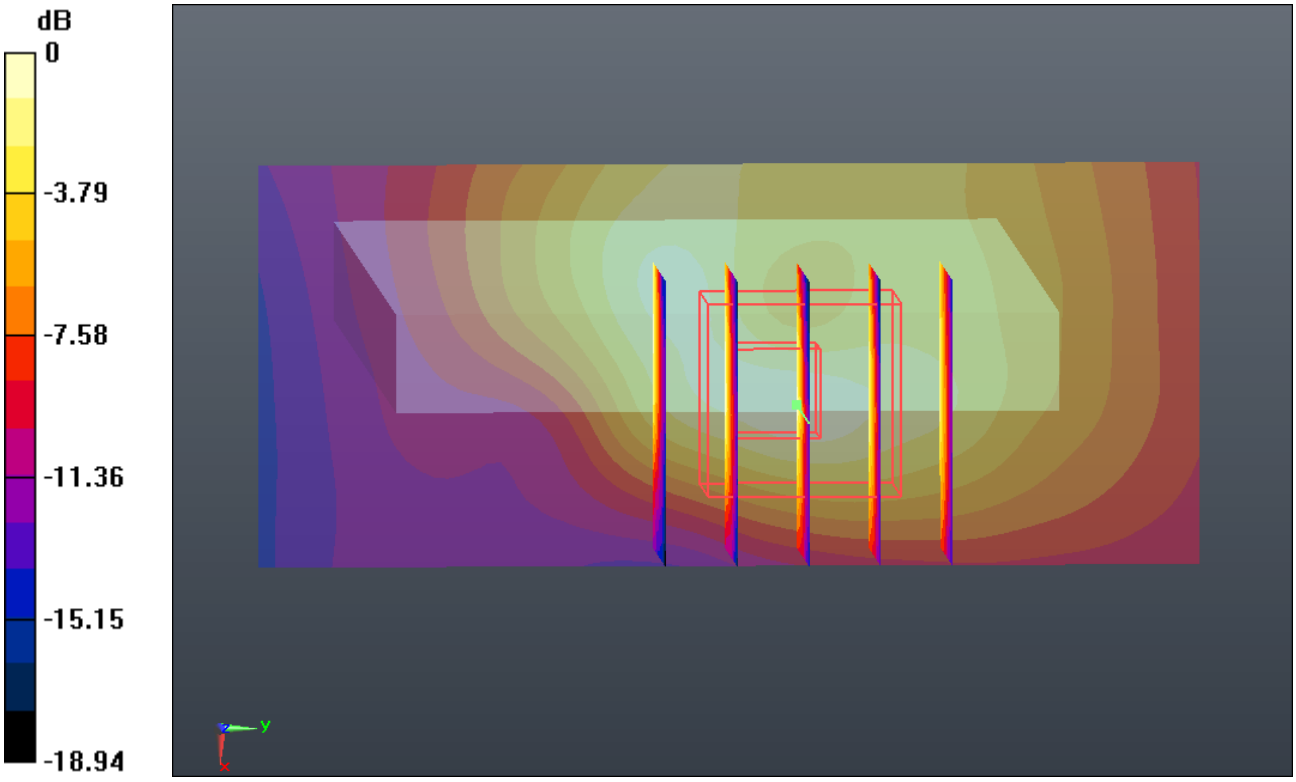
#51_WCDMA Band V_RMC12.2K_Bottom Side 1cm_Ch4182

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_131122 Medium parameters used: f = 836.4 MHz; σ = 0.984 mho/m; ε_r = 54.837; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.058 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.975 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.084 W/kg
SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.061 mW/g



0 dB = 0.060mW/g

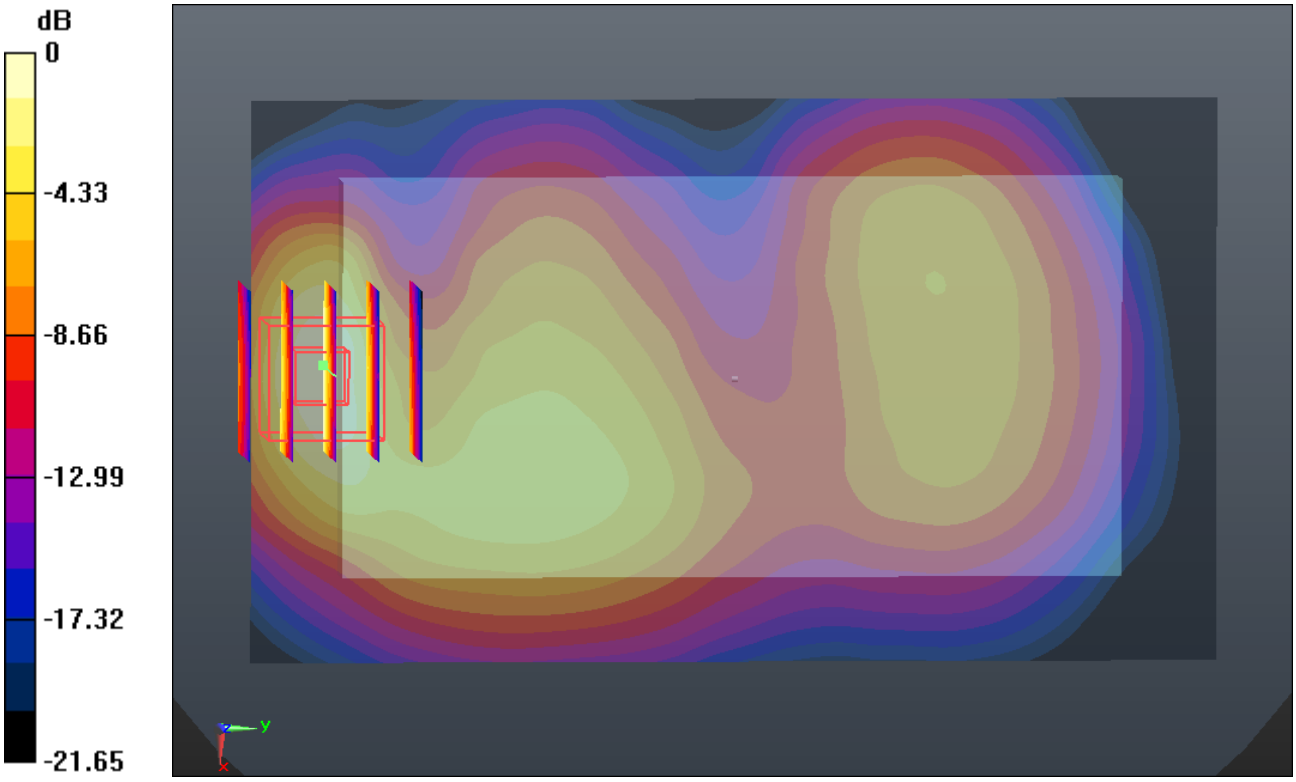
#54_WCDMA Band II_RMC12.2K_Front 1cm_Ch9262

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131121 Medium parameters used: f = 1852.4 MHz; σ = 1.498 mho/m; ε_r = 53.64; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.660 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.993 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.826 W/kg
SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.229 mW/g
Maximum value of SAR (measured) = 0.666 mW/g



0 dB = 0.670mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.21

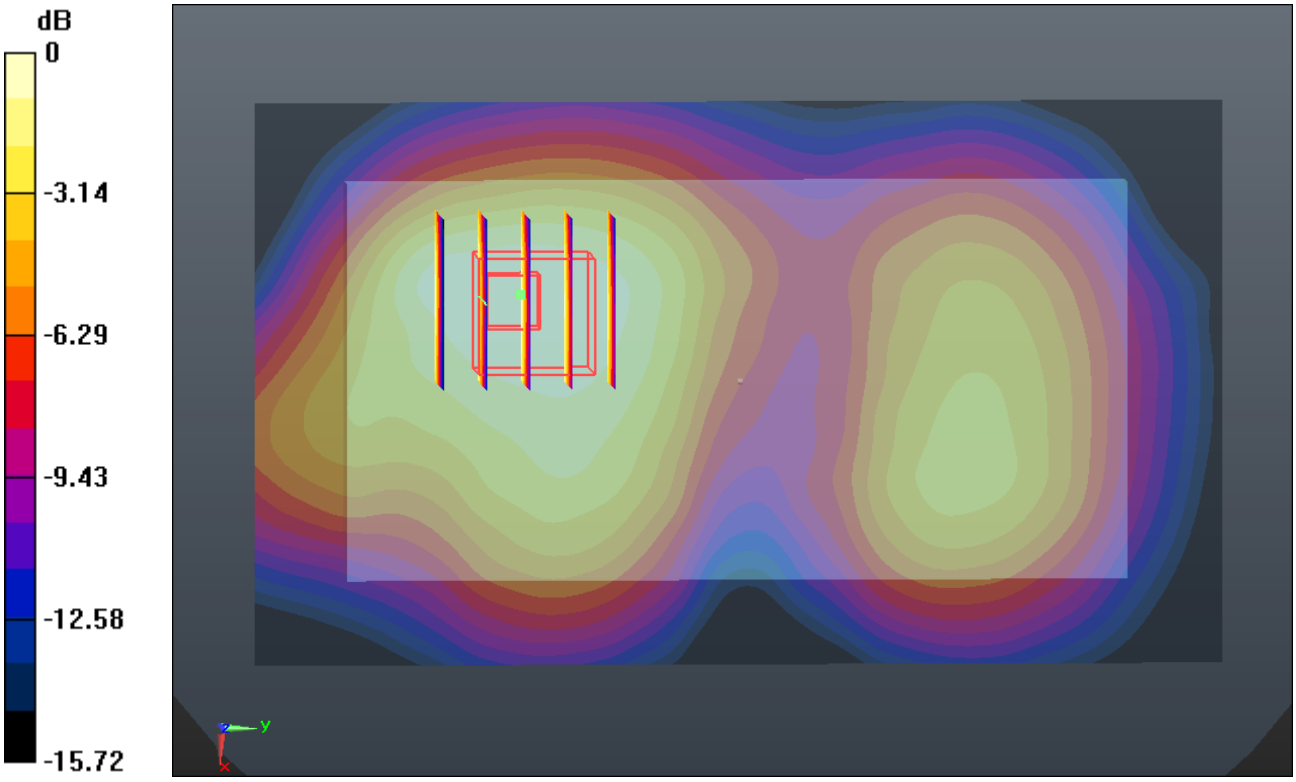
#55_WCDMA Band II_RMC12.2K_Back 1cm_Ch9262

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131121 Medium parameters used: f = 1852.4 MHz; σ = 1.498 mho/m; ε_r = 53.64; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.425 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.741 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.482 W/kg
SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.211 mW/g
Maximum value of SAR (measured) = 0.409 mW/g



0 dB = 0.410mW/g

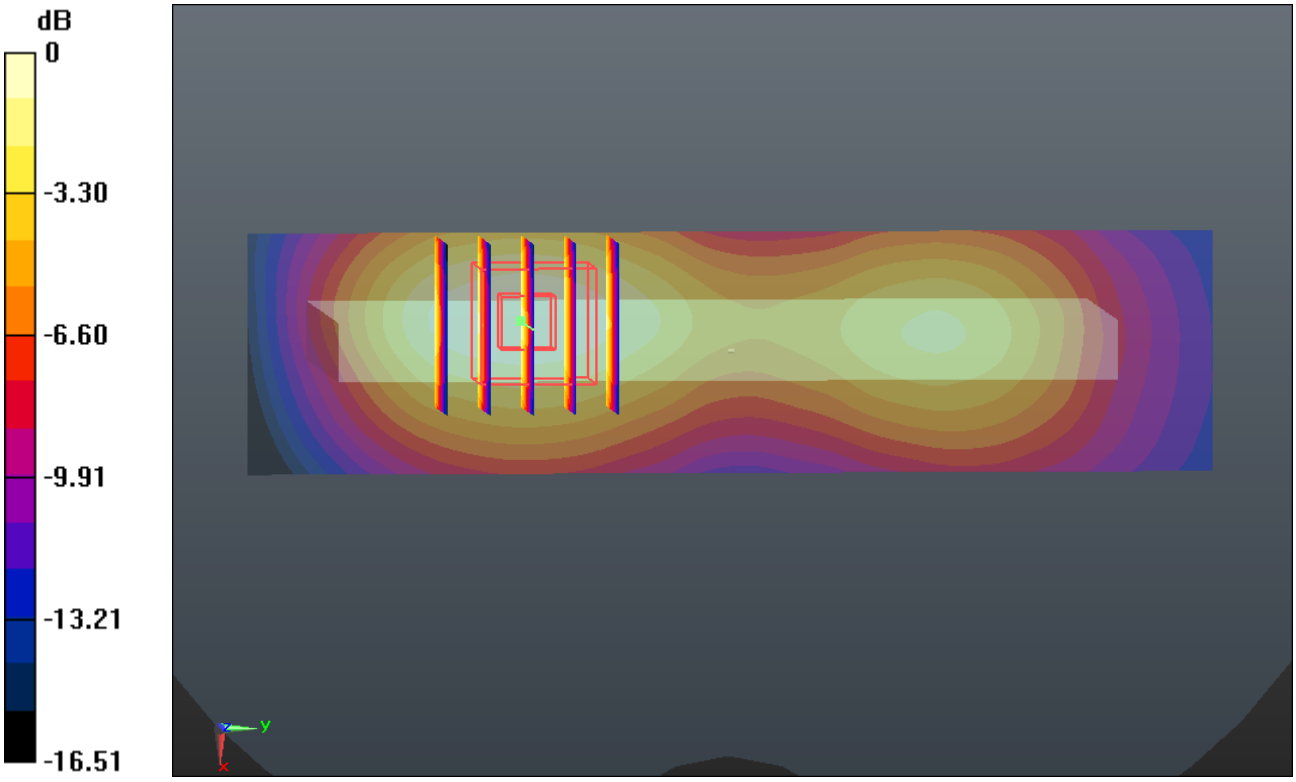
#57_WCDMA Band II_RMC12.2K_Right Side 1cm_Ch9262

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131121 Medium parameters used: f = 1852.4 MHz; σ = 1.498 mho/m; ε_r = 53.64; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.344 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.343 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.404 W/kg
SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.154 mW/g
Maximum value of SAR (measured) = 0.339 mW/g



0 dB = 0.340mW/g

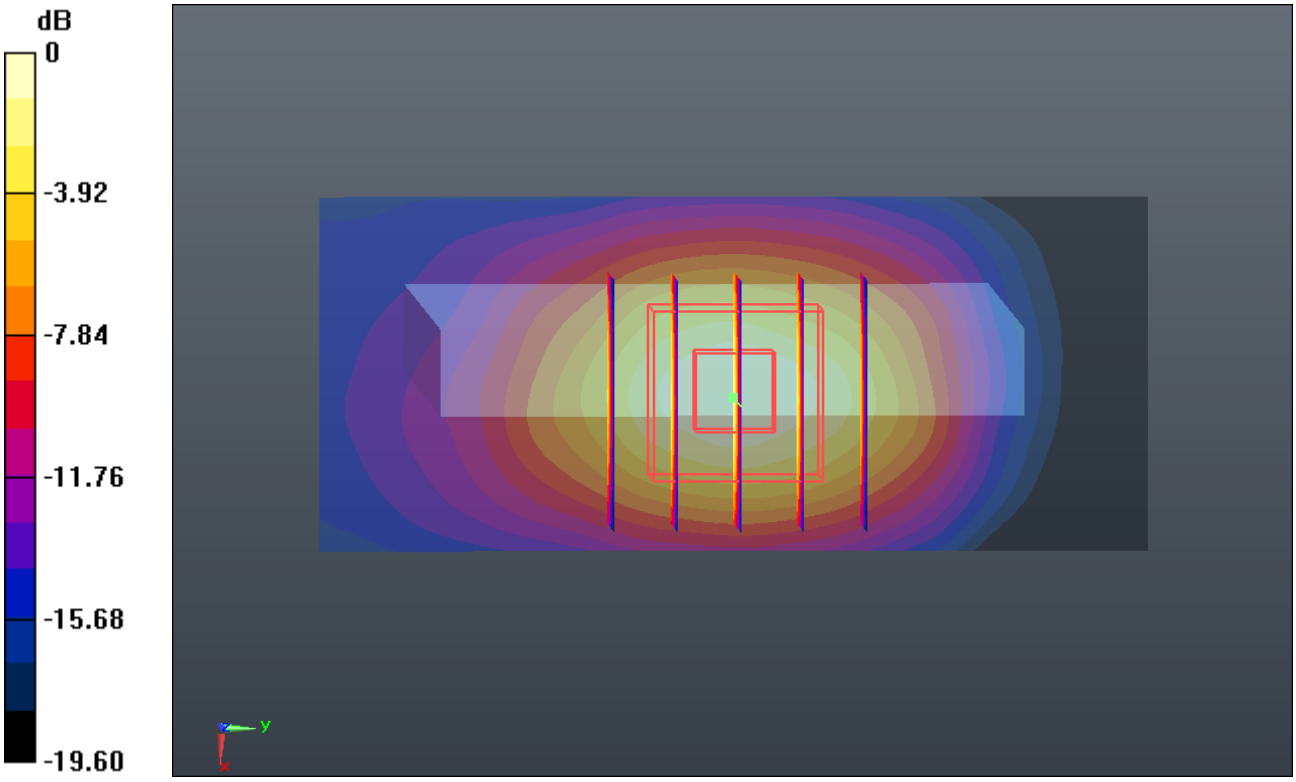
#58_WCDMA Band II_RMC12.2K_Bottom Side 1cm_Ch9262

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131121 Medium parameters used: f = 1852.4 MHz; σ = 1.498 mho/m; ε_r = 53.64; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.825 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.649 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.927 W/kg
SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.263 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: 2013.11.21

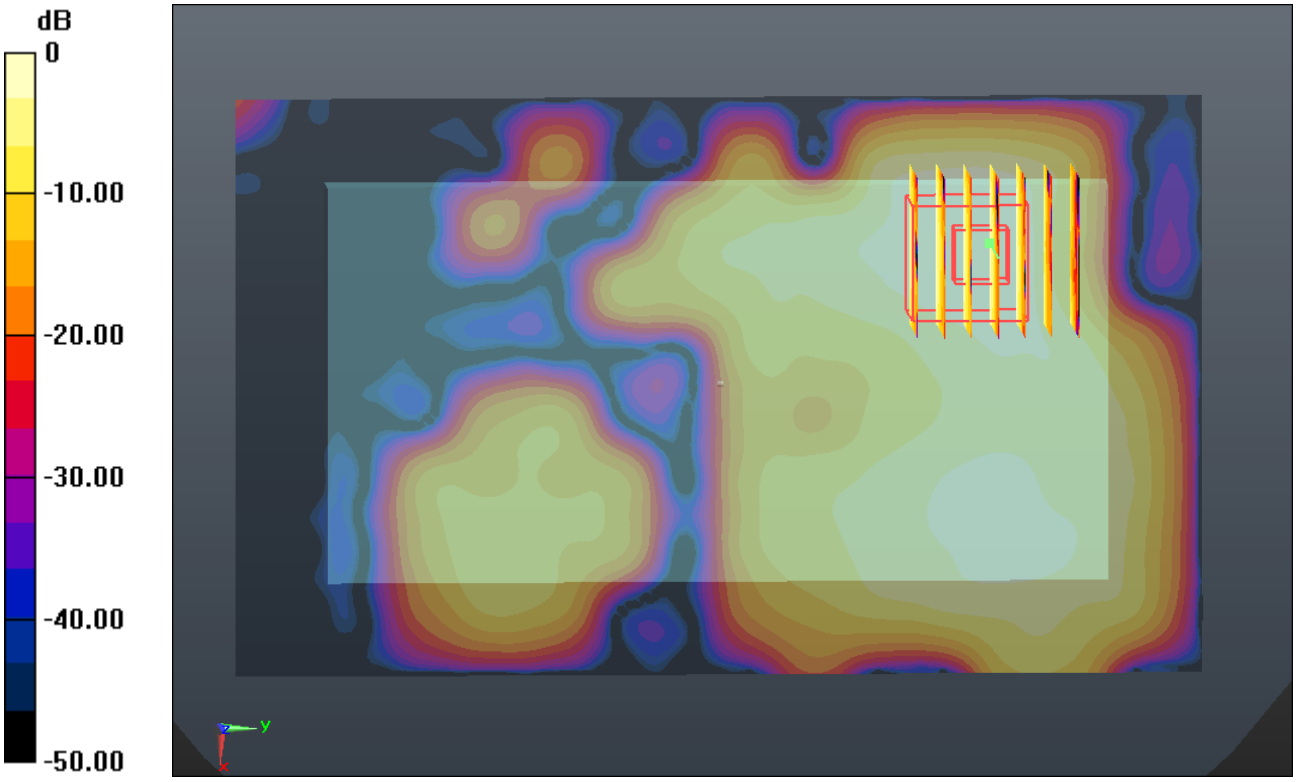
#61_WLAN2.4GHz_802.11b_1M_Front 1cm_Ch11

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_131121 Medium parameters used: f = 2462 MHz; σ = 1.956 mho/m; ε_r = 51.361; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7, 7, 7); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.112 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.617 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.139 W/kg
SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.101 mW/g



0 dB = 0.100mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.21

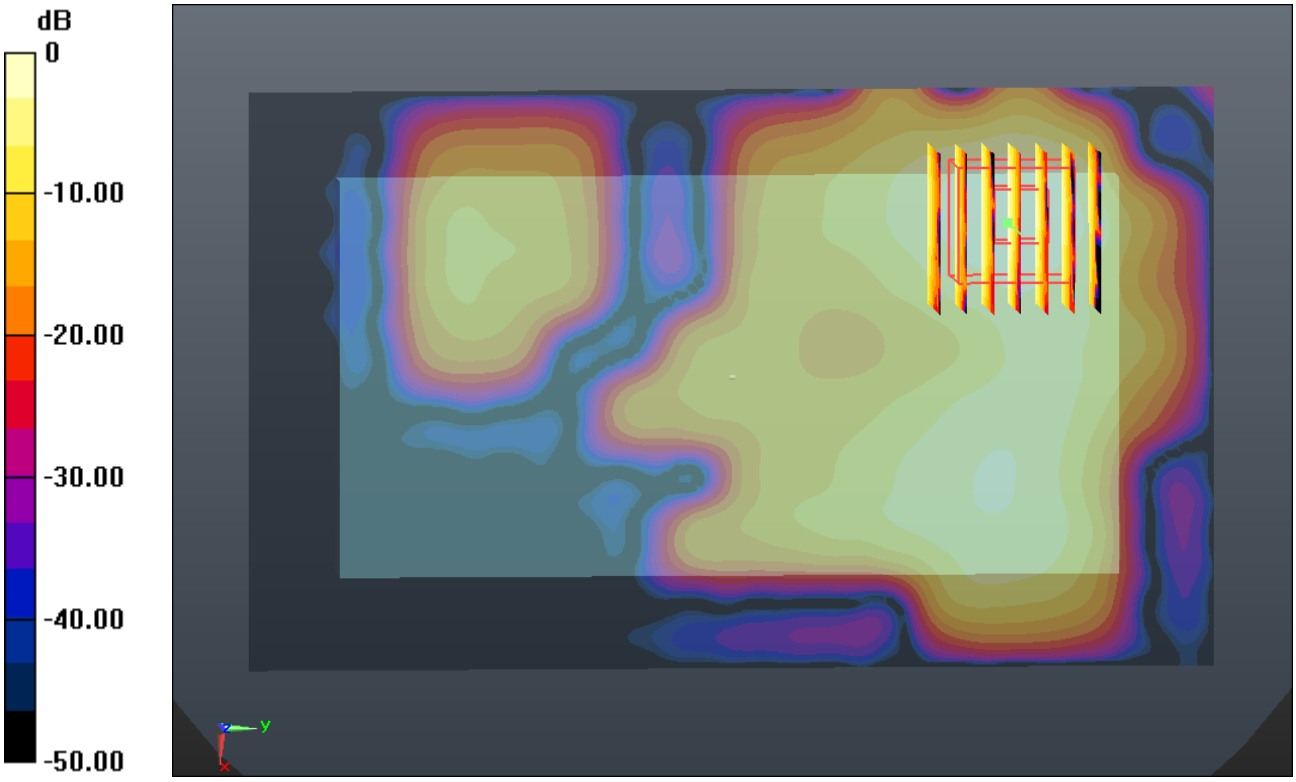
#62_WLAN2.4GHz_802.11b_1M_Back 1cm_Ch11

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_131121 Medium parameters used: f = 2462 MHz; σ = 1.956 mho/m; ε_r = 51.361; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7, 7, 7); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.154 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.739 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.144 mW/g



0 dB = 0.140mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.21

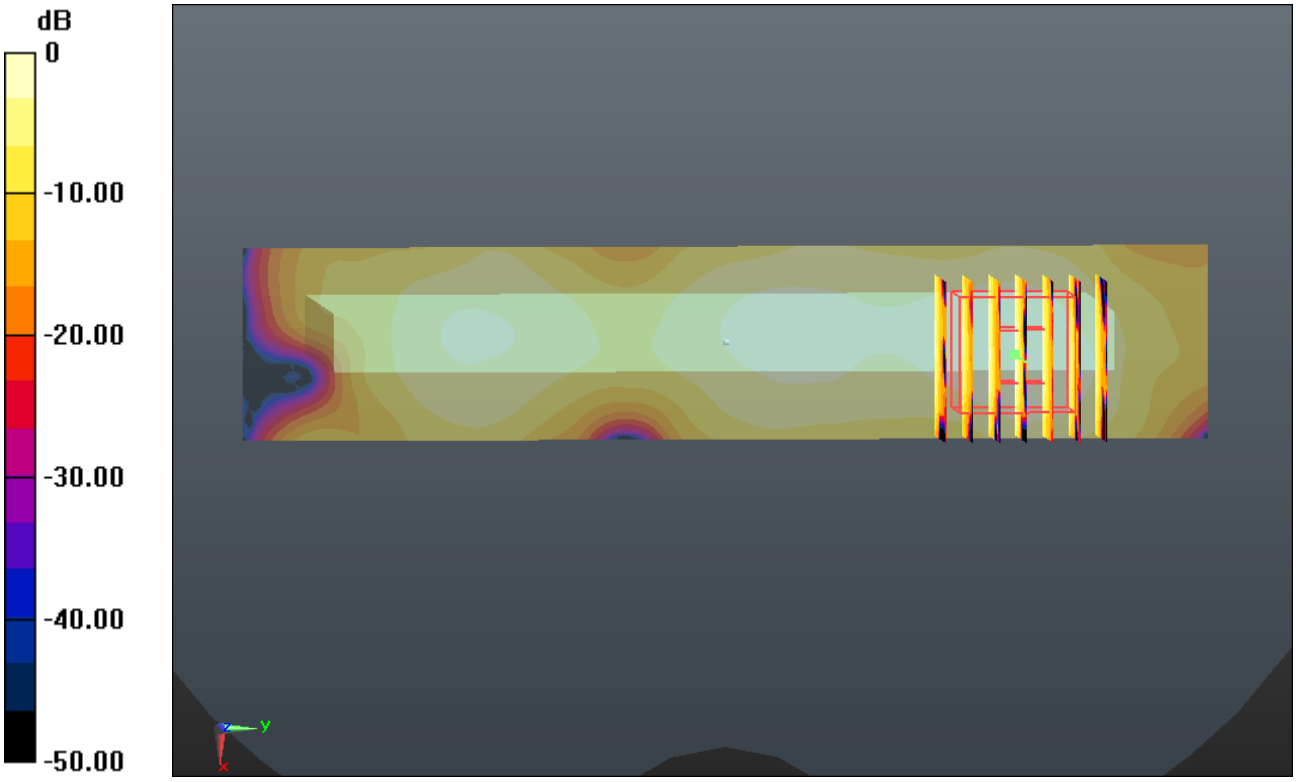
#63_WLAN2.4GHz_802.11b_1M_Right Side 1cm_Ch11

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_131121 Medium parameters used: f = 2462 MHz; σ = 1.956 mho/m; ε_r = 51.361; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7, 7, 7); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (31x151x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.067 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.387 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.085 W/kg
SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.062 mW/g



0 dB = 0.060mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013.11.21

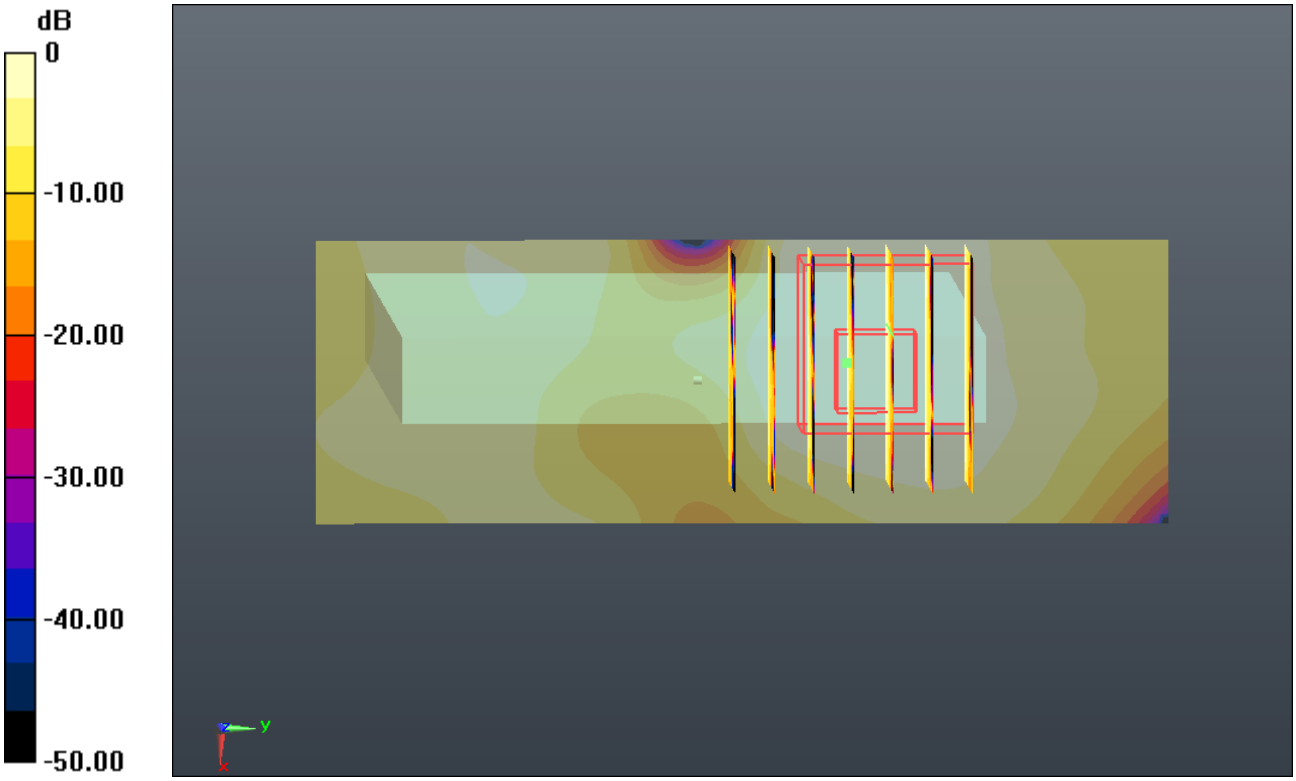
#64_WLAN2.4GHz_802.11b_1M_Top Side 1cm_Ch11

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_131121 Medium parameters used: f = 2462 MHz; σ = 1.956 mho/m; ε_r = 51.361; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7, 7, 7); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (31x91x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.036 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.907 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.049 W/kg
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.034 mW/g



0 dB = 0.030mW/g