Appendix B. Plots of SAR Measurement

The plots are shown as follows.

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

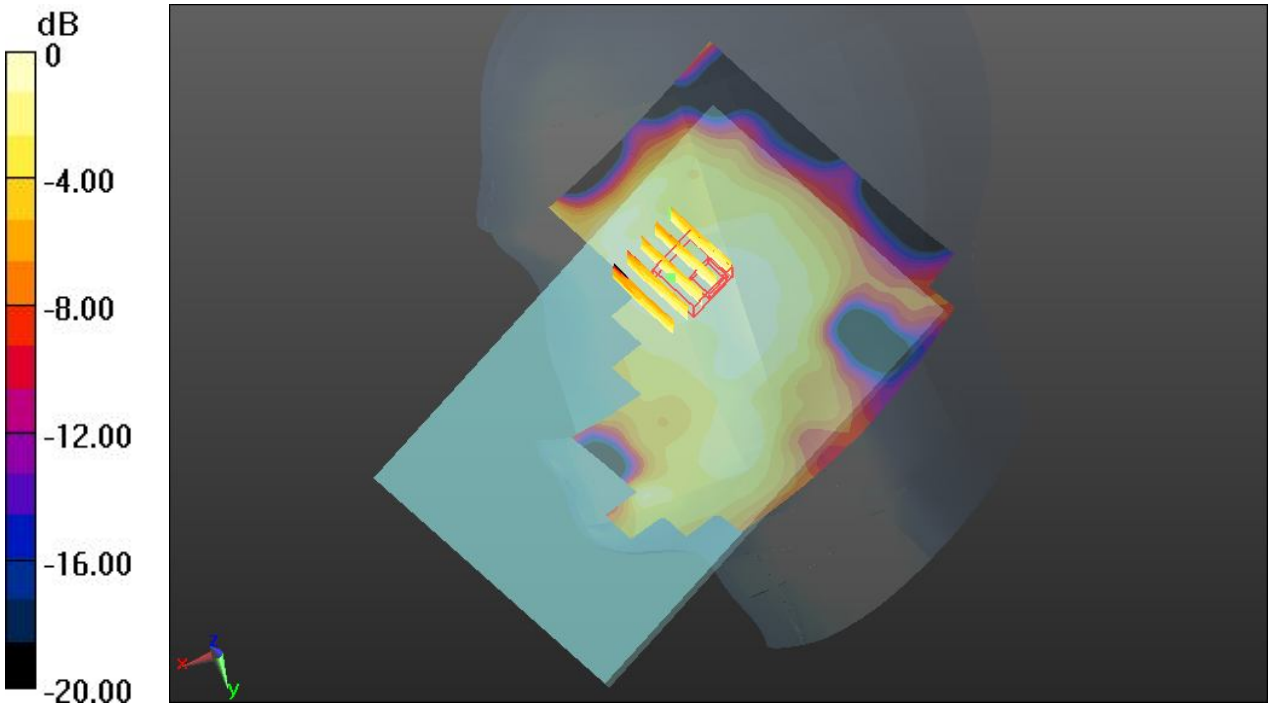
61 GSM850_GPRS(3 Tx slots)_Right Cheek_Ch128

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: HSL_835_140227 Medium parameters used: f = 824.2 MHz; σ = 0.888 S/m; ε_r = 40.885; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.68, 9.68, 9.68); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch128/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.00670 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.145 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.00841 W/kg
SAR(1 g) = 0.00585 W/kg; SAR(10 g) = 0.00479 W/kg
Maximum value of SAR (measured) = 0.00707 W/kg



0 dB = 0.00707 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

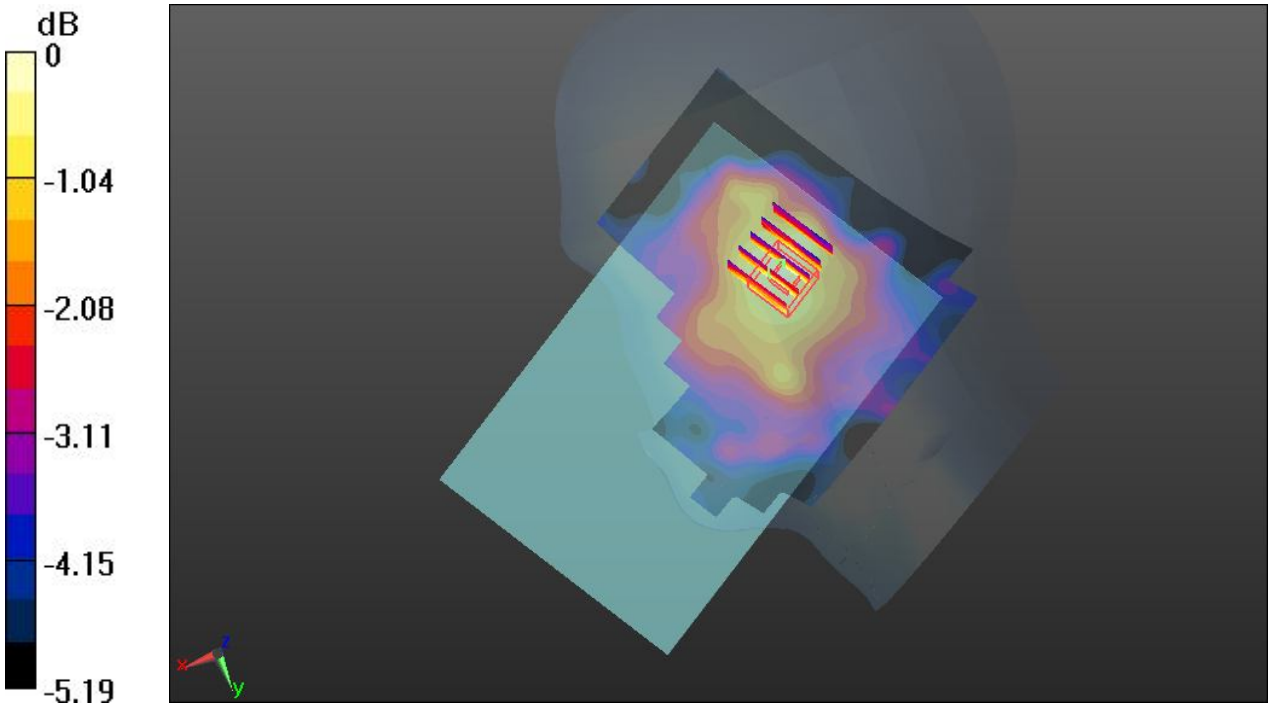
62 GSM850_GPRS(3 Tx slots)_Right Tilted_Ch128

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: HSL_835_140227 Medium parameters used: f = 824.2 MHz; σ = 0.888 S/m; ε_r = 40.885; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.68, 9.68, 9.68); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch128/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0117 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.149 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.0130 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00935 W/kg
Maximum value of SAR (measured) = 0.0123 W/kg



0 dB = 0.0123 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

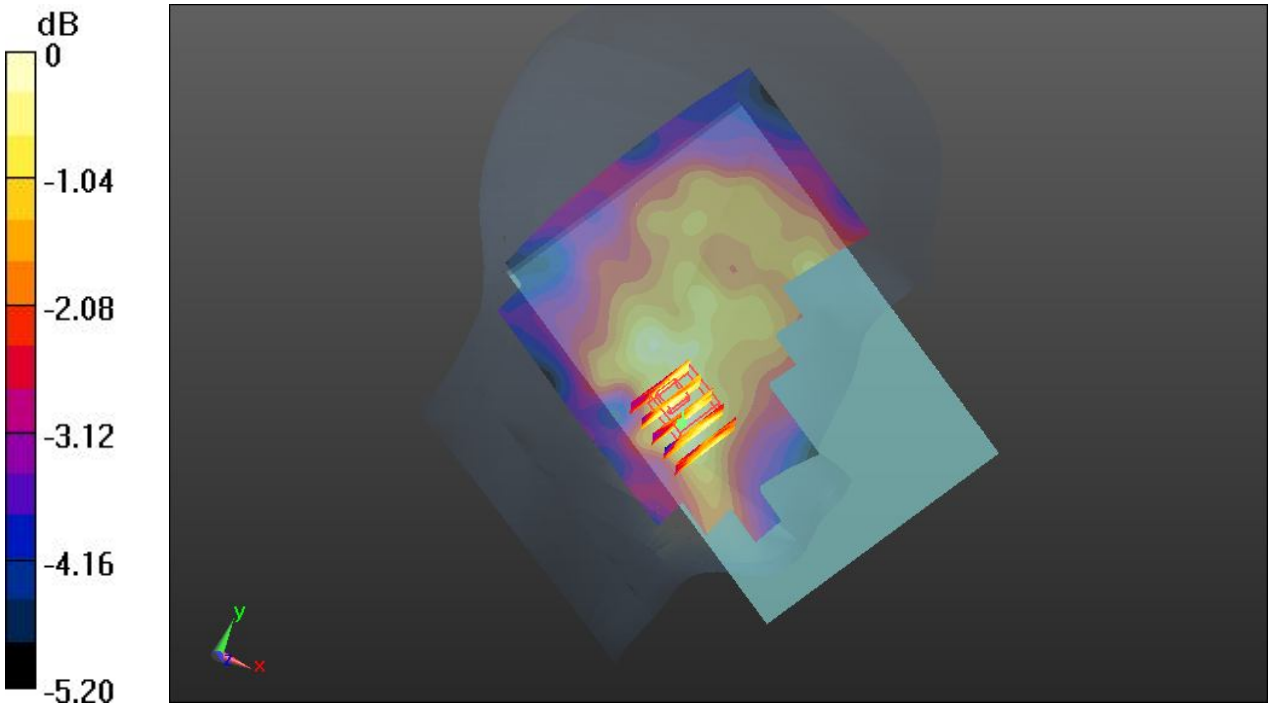
63 GSM850_GPRS(3 Tx slots)_Left Cheek_Ch128

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: HSL_835_140227 Medium parameters used: f = 824.2 MHz; σ = 0.888 S/m; ε_r = 40.885; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.68, 9.68, 9.68); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch128/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0166 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.469 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.0170 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.0167 W/kg



0 dB = 0.0167 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

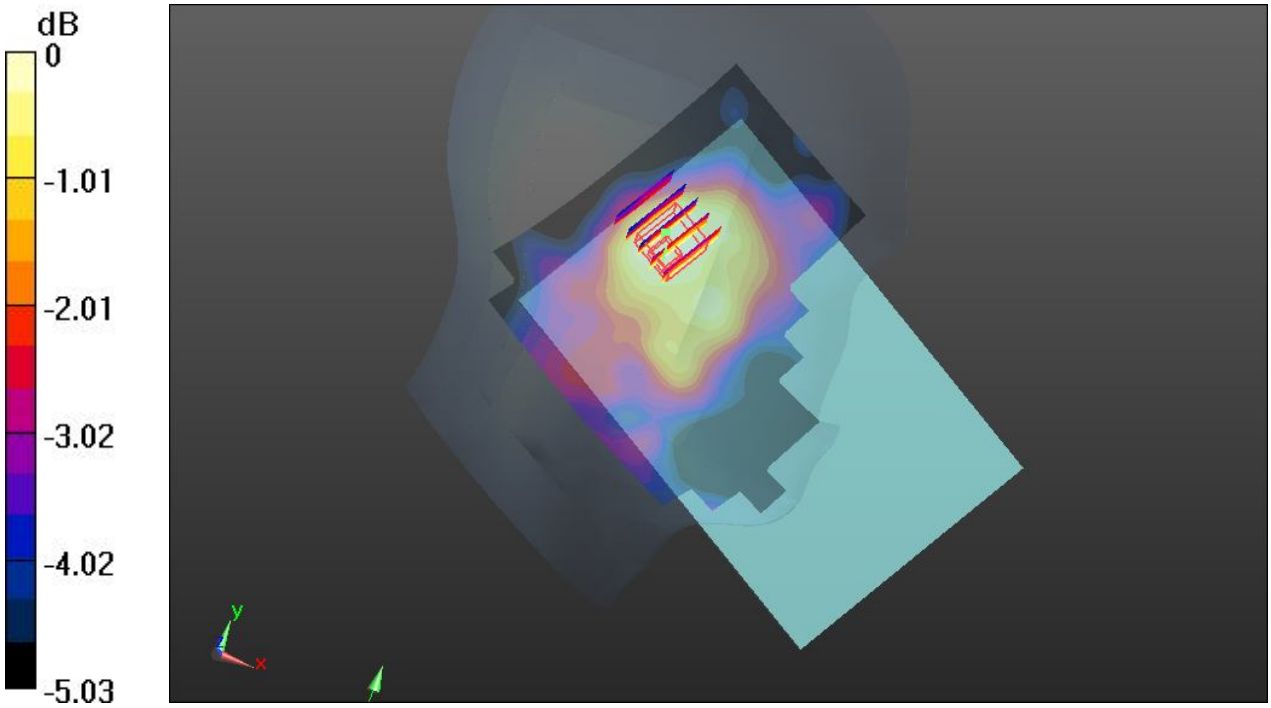
64 GSM850_GPRS(3 Tx slots)_Left Tilted_Ch128

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: HSL_835_140227 Medium parameters used: f = 824.2 MHz; σ = 0.888 S/m; ε_r = 40.885; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.68, 9.68, 9.68); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch128/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0123 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.338 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0120 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00891 W/kg
Maximum value of SAR (measured) = 0.0115 W/kg



0 dB = 0.0115 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

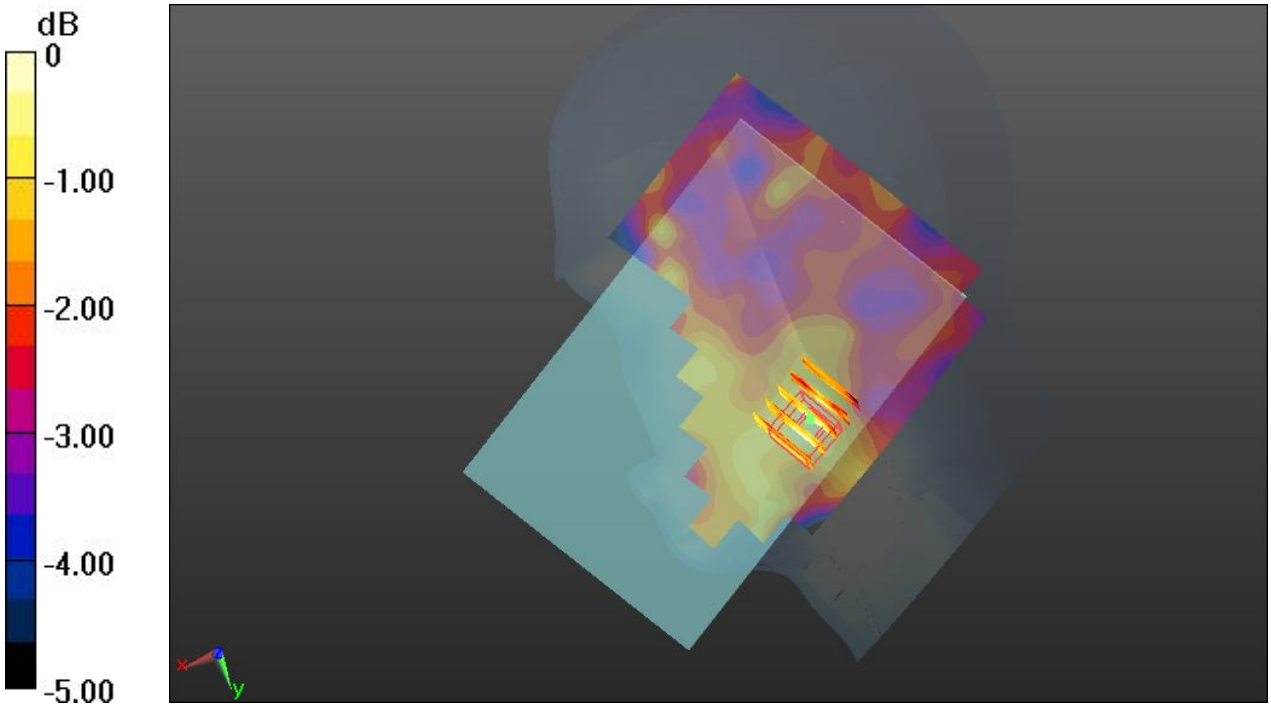
81 GSM1900_GPRS(3 Tx slots)_Right Cheek_Ch661

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: HSL_1900_140227 Medium parameters used: f = 1880 MHz; σ = 1.392 S/m; ε_r = 41.101; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch661/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0222 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.045 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0320 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.0244 W/kg



0 dB = 0.0244 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

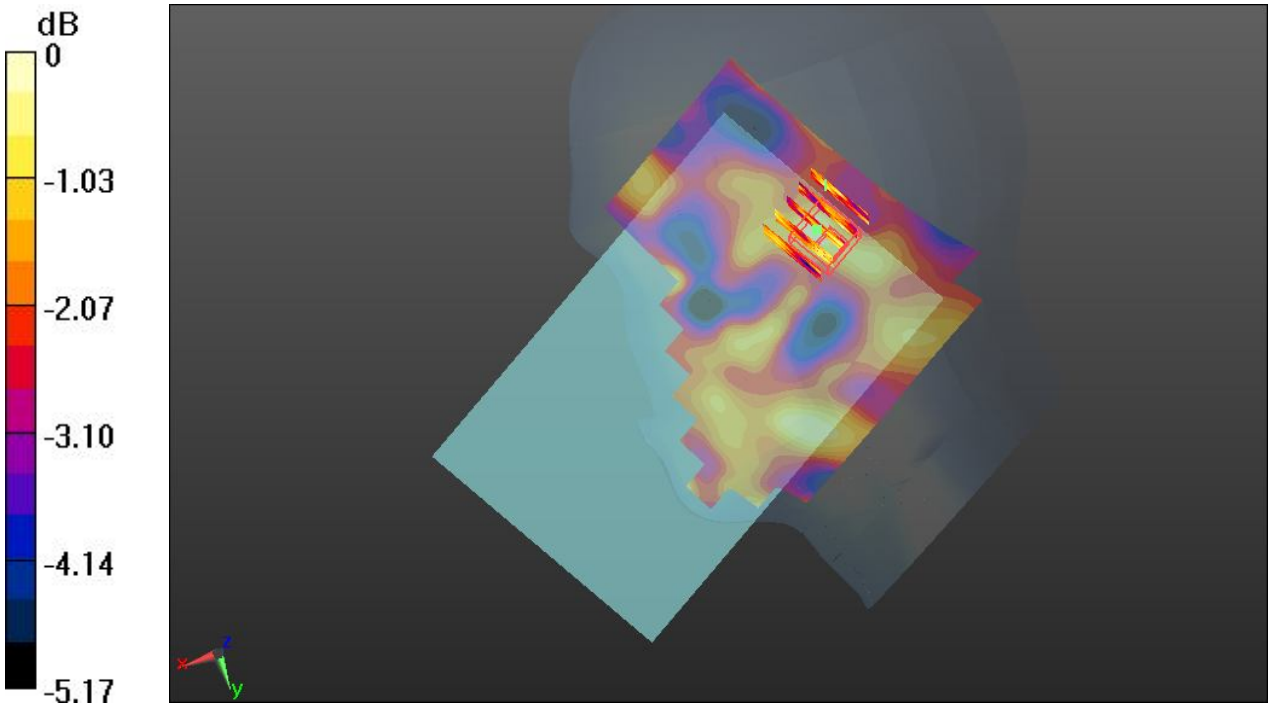
82 GSM1900_GPRS(3 Tx slots)_Right Tilted_Ch661

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: HSL_1900_140227 Medium parameters used: f = 1880 MHz; σ = 1.392 S/m; ε_r = 41.101; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch661/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0134 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.366 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0130 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00945 W/kg
Maximum value of SAR (measured) = 0.0133 W/kg



0 dB = 0.0133 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

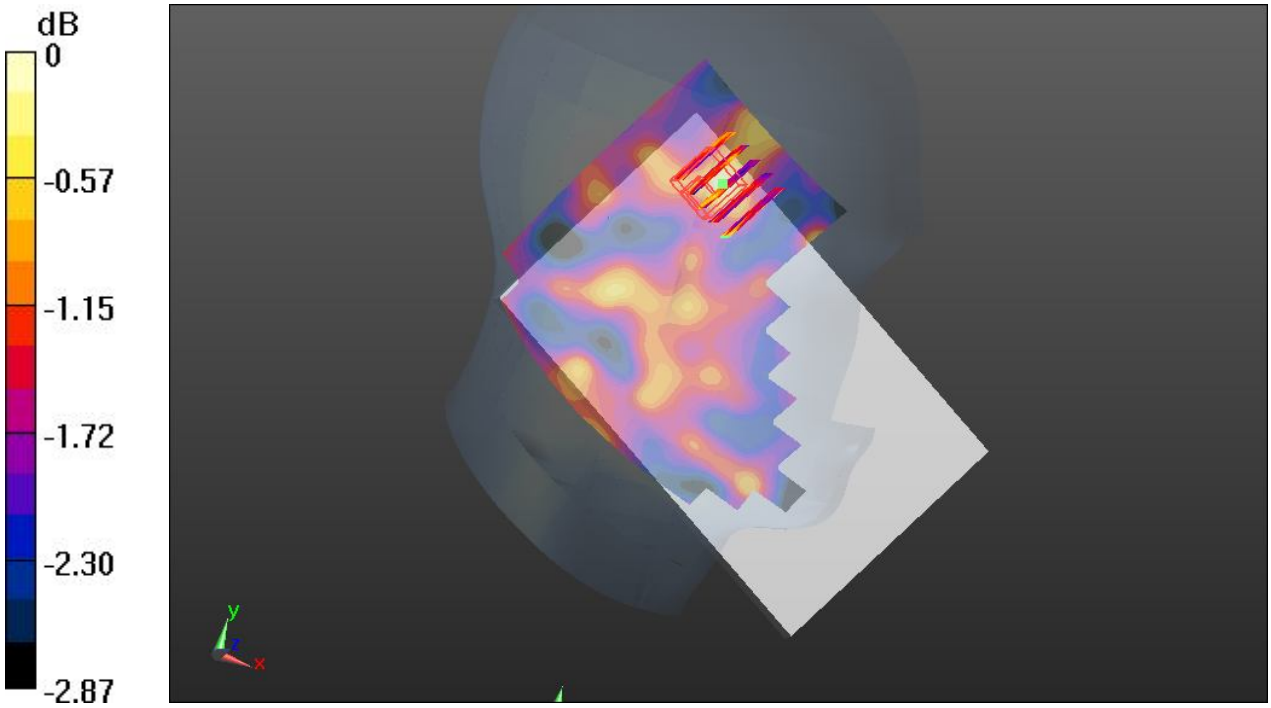
83 GSM1900_GPRS(3 Tx slots)_Left Cheek_Ch661

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: HSL_1900_140227 Medium parameters used: f = 1880 MHz; σ = 1.392 S/m; ε_r = 41.101; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch661/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0209 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.419 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.0210 W/kg
SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.016 W/kg
Maximum value of SAR (measured) = 0.0212 W/kg



0 dB = 0.0212 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

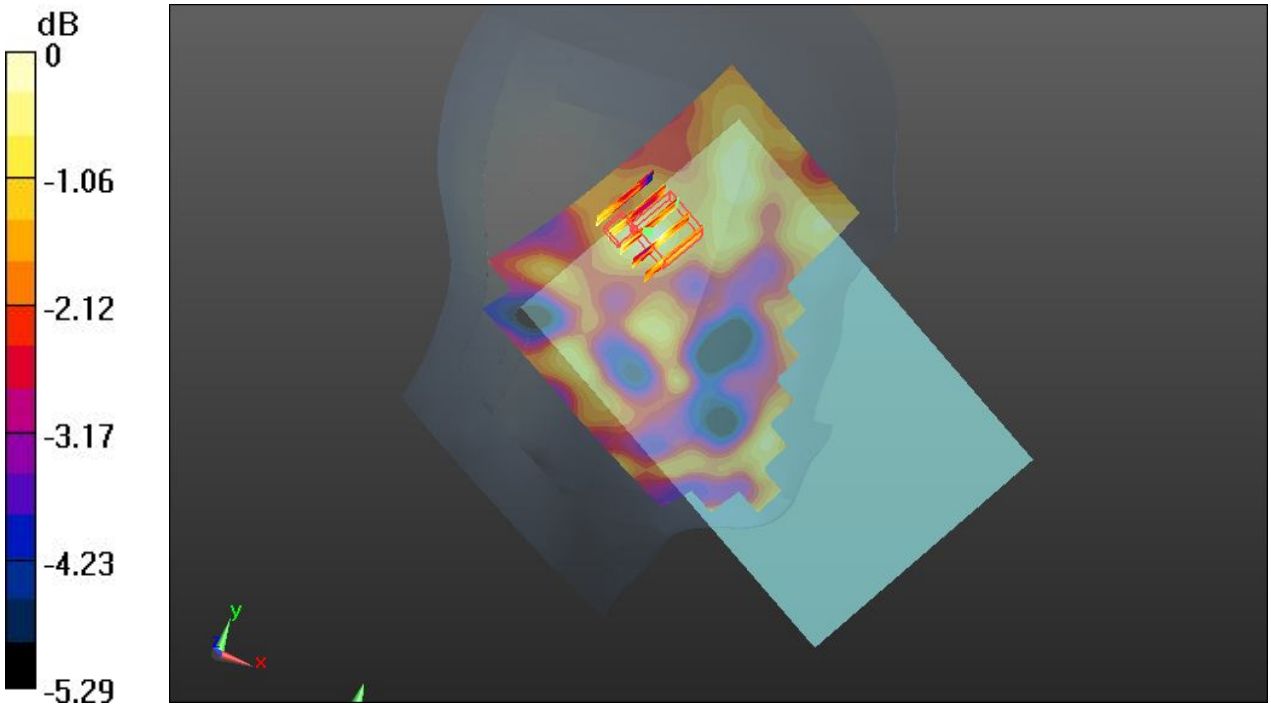
84 GSM1900_GPRS(3 Tx slots)_Left Tilted_Ch661

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: HSL_1900_140227 Medium parameters used: f = 1880 MHz; σ = 1.392 S/m; ε_r = 41.101; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch661/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0119 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.717 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0150 W/kg
SAR(1 g) = 0.00984 W/kg; SAR(10 g) = 0.00842 W/kg
Maximum value of SAR (measured) = 0.0119 W/kg



0 dB = 0.0119 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

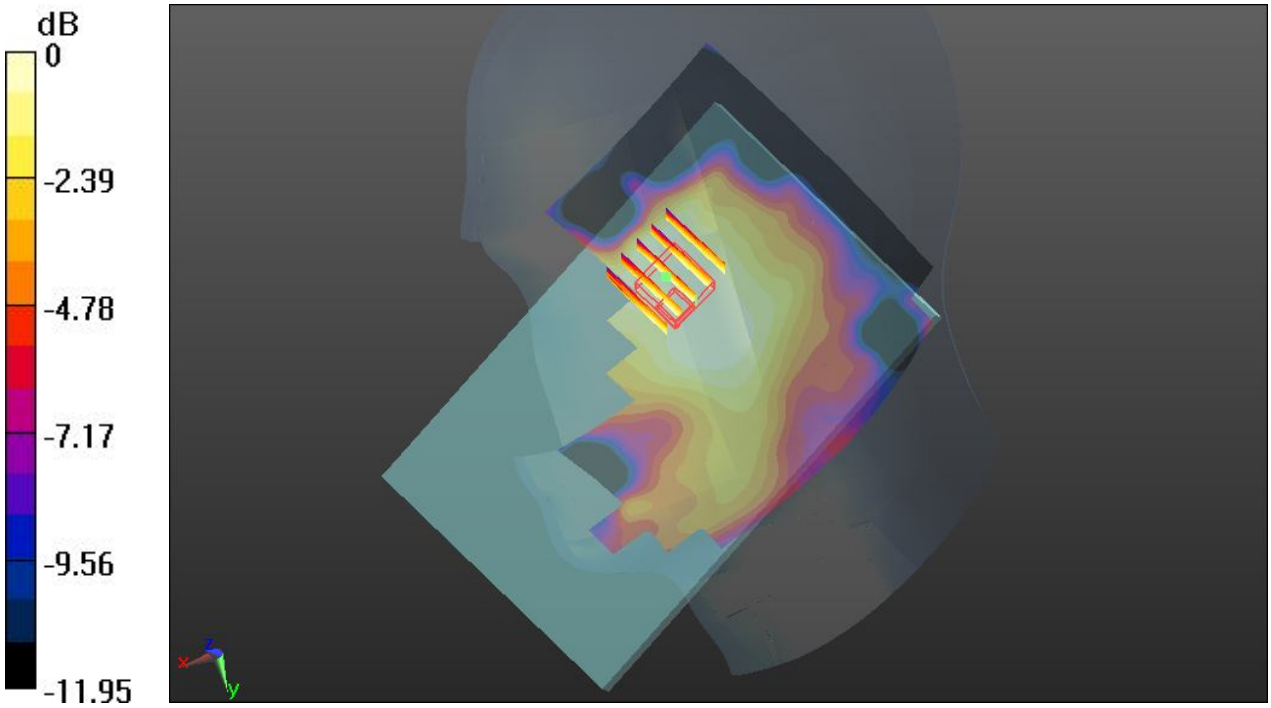
71 WCDMA Band V_RMC 12.2K_Right Cheek_Ch4132

Communication System: UID 0, UMTS (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_140227 Medium parameters used: f = 826.4 MHz; σ = 0.89 S/m; ε_r = 40.863; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.68, 9.68, 9.68); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch4132/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0102 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.389 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0120 W/kg
SAR(1 g) = 0.00813 W/kg; SAR(10 g) = 0.00655 W/kg
Maximum value of SAR (measured) = 0.00920 W/kg



0 dB = 0.00920 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

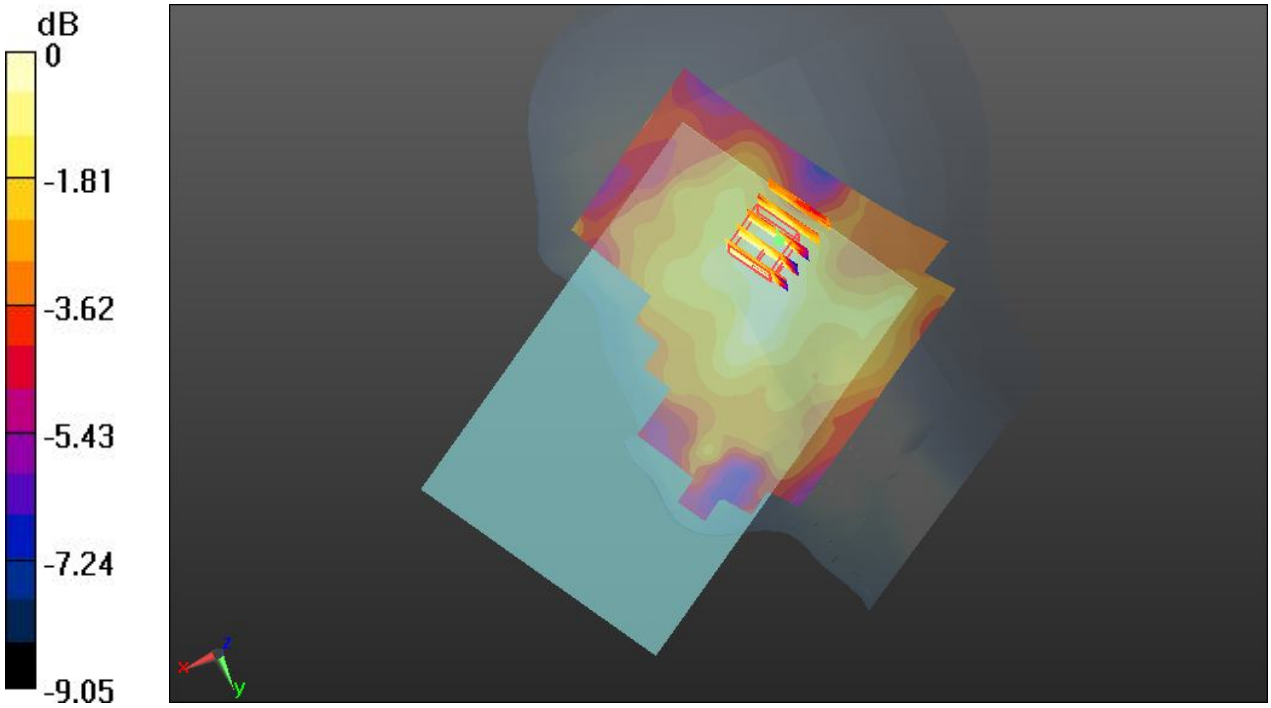
72 WCDMA Band V_RMC 12.2K_Right Tilted_Ch4132

Communication System: UID 0, UMTS (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_140227 Medium parameters used: f = 826.4 MHz; σ = 0.89 S/m; ε_r = 40.863; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.68, 9.68, 9.68); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch4132/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.00950 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.964 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0120 W/kg
SAR(1 g) = 0.00905 W/kg; SAR(10 g) = 0.00731 W/kg
Maximum value of SAR (measured) = 0.00912 W/kg



0 dB = 0.00912 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

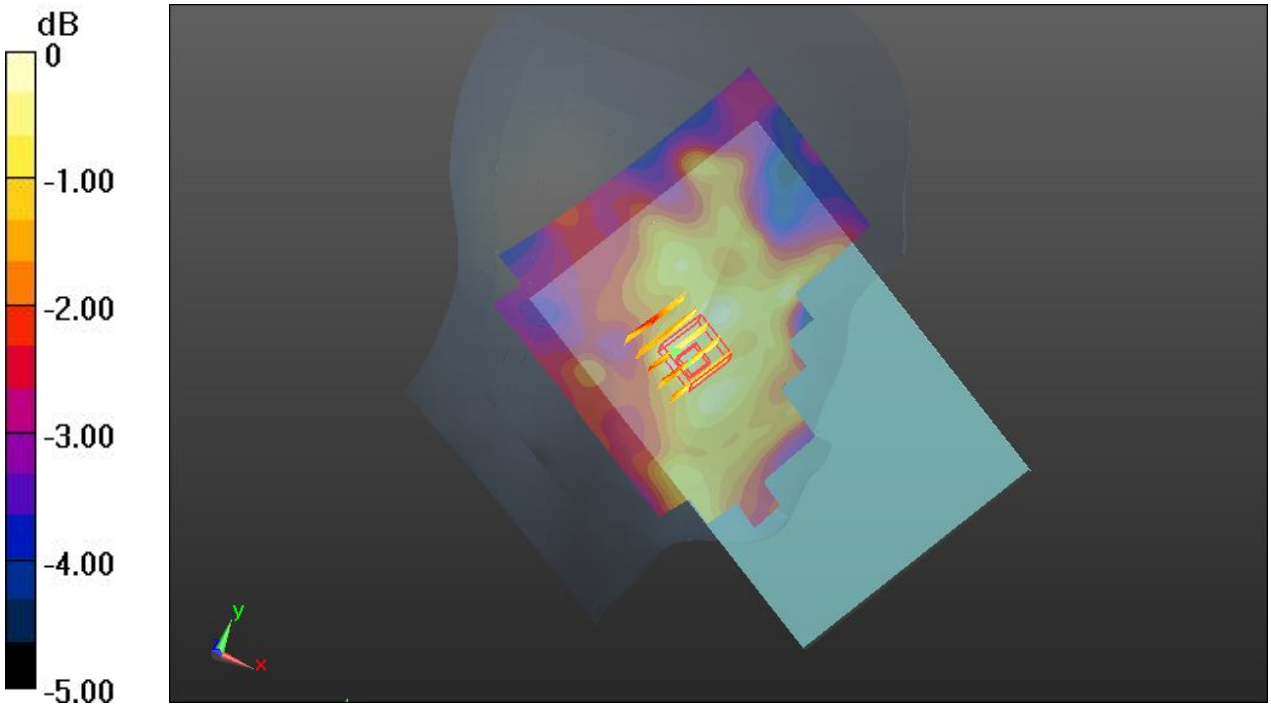
73 WCDMA Band V_RMC 12.2K_Left Cheek_Ch4132

Communication System: UID 0, UMTS (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_140227 Medium parameters used: f = 826.4 MHz; σ = 0.89 S/m; ε_r = 40.863; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.68, 9.68, 9.68); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch4132/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0136 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.014 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0130 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0127 W/kg



0 dB = 0.0127 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

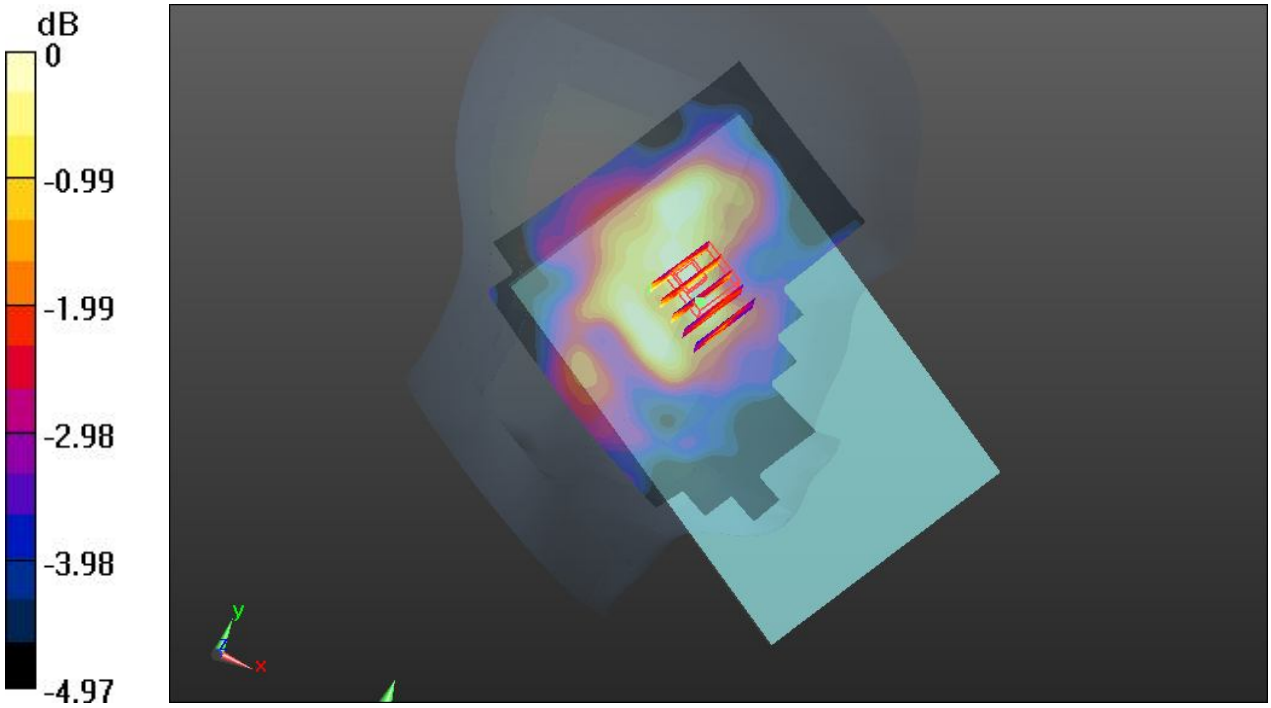
74 WCDMA Band V_RMC 12.2K_Left Tilted_Ch4132

Communication System: UID 0, UMTS (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_140227 Medium parameters used: f = 826.4 MHz; σ = 0.89 S/m; ε_r = 40.863; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.68, 9.68, 9.68); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch4132/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.00989 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.398 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.00923 W/kg
SAR(1 g) = 0.00768 W/kg; SAR(10 g) = 0.00626 W/kg
Maximum value of SAR (measured) = 0.00913 W/kg



0 dB = 0.00913 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

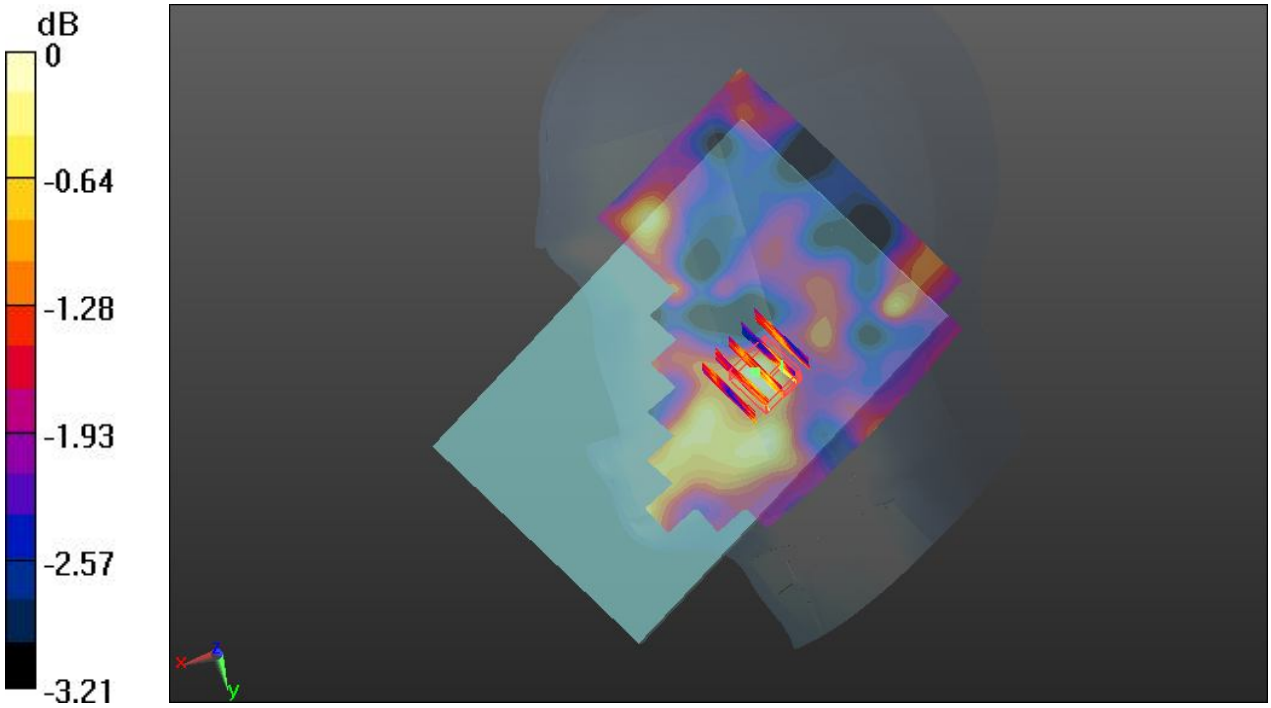
91 WCDMA Band II_RMC 12.2K_Right Cheek_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_140227 Medium parameters used: f = 1852.4 MHz; σ = 1.365 S/m; ε_r = 41.225; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9262/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0237 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.414 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0240 W/kg
SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.018 W/kg
Maximum value of SAR (measured) = 0.0237 W/kg



0 dB = 0.0237 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

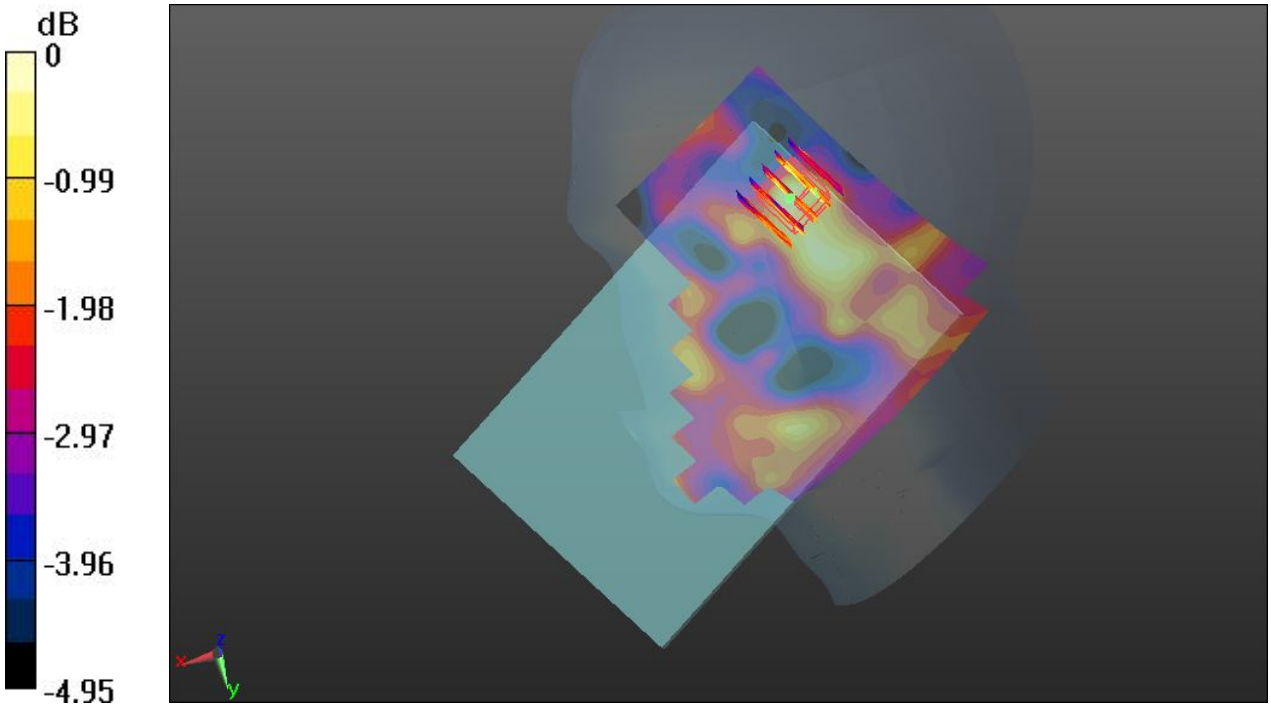
92 WCDMA Band II_RMC 12.2K_Right Tilted_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_140227 Medium parameters used: f = 1852.4 MHz; σ = 1.365 S/m; ε_r = 41.225; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9262/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0135 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.281 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.0160 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0140 W/kg



0 dB = 0.0140 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

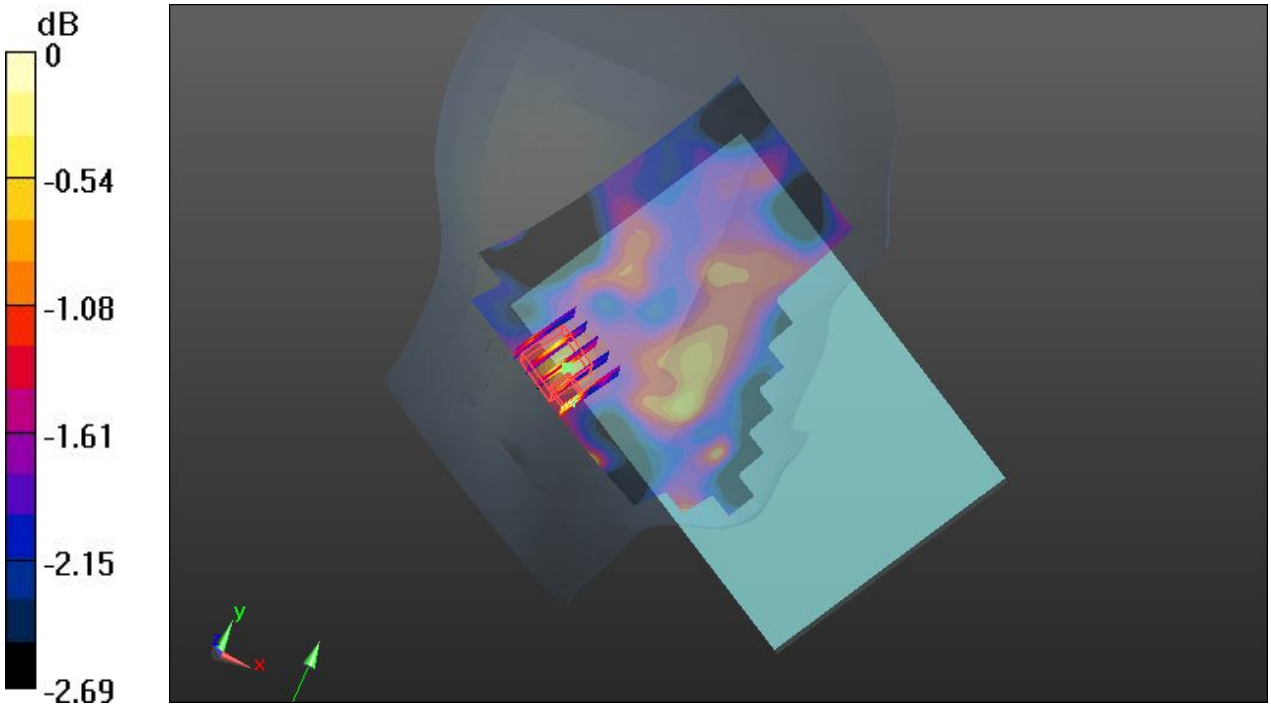
93 WCDMA Band II_RMC 12.2K_Left Cheek_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_140227 Medium parameters used: f = 1852.4 MHz; σ = 1.365 S/m; ε_r = 41.225; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9262/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0199 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.307 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0230 W/kg
SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.0220 W/kg



0 dB = 0.0220 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

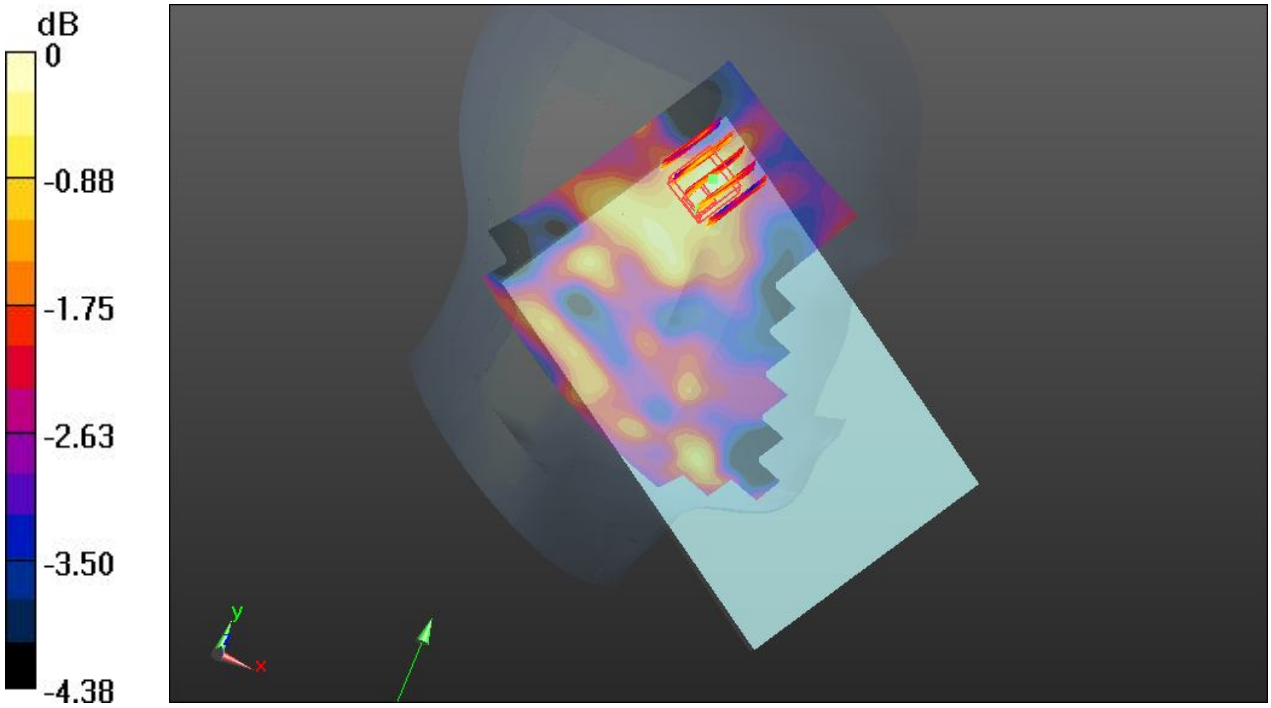
94 WCDMA Band II_RMC 12.2K_Left Tilted_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_140227 Medium parameters used: f = 1852.4 MHz; σ = 1.365 S/m; ε_r = 41.225; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9262/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0134 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.613 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0150 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.010 W/kg
Maximum value of SAR (measured) = 0.0137 W/kg



0 dB = 0.0137 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

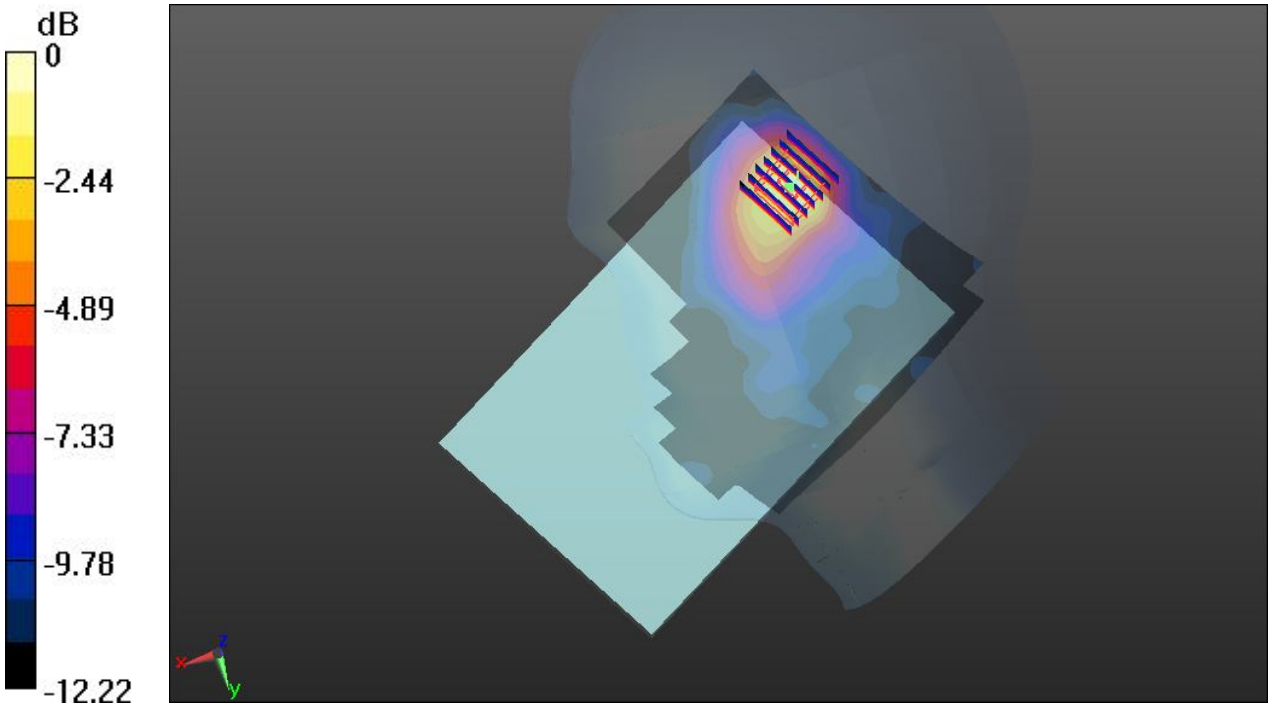
101 WLAN2.4GHz_802.11b_Right Cheek_Ch11

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_140227 Medium parameters used: f = 2462 MHz; σ = 1.838 S/m; ε_r = 37.893; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch11/Area Scan (121x181x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.399 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.829 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.553 W/kg
SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.139 W/kg
Maximum value of SAR (measured) = 0.380 W/kg



0 dB = 0.380 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

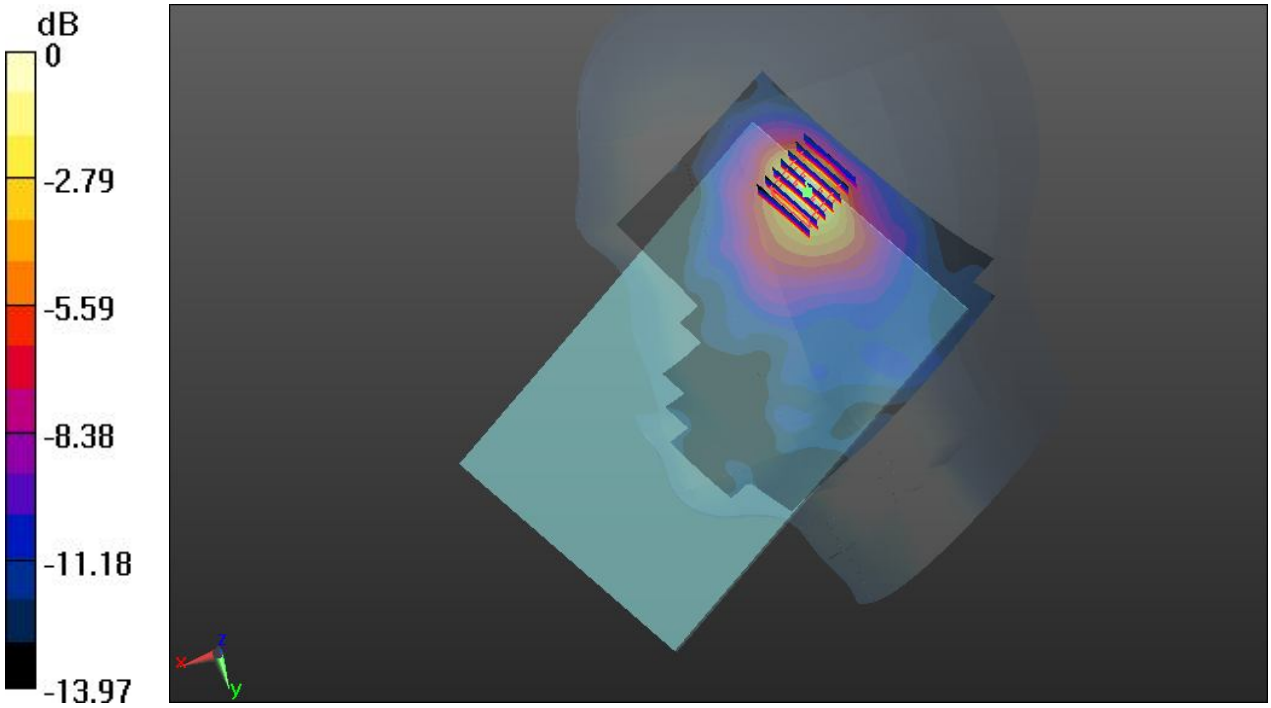
102 WLAN2.4GHz_802.11b_Right Tilted_Ch11

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_140227 Medium parameters used: f = 2462 MHz; σ = 1.838 S/m; ε_r = 37.893; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch11/Area Scan (121x181x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.303 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.611 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.401 W/kg
SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.100 W/kg
Maximum value of SAR (measured) = 0.295 W/kg



0 dB = 0.295 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

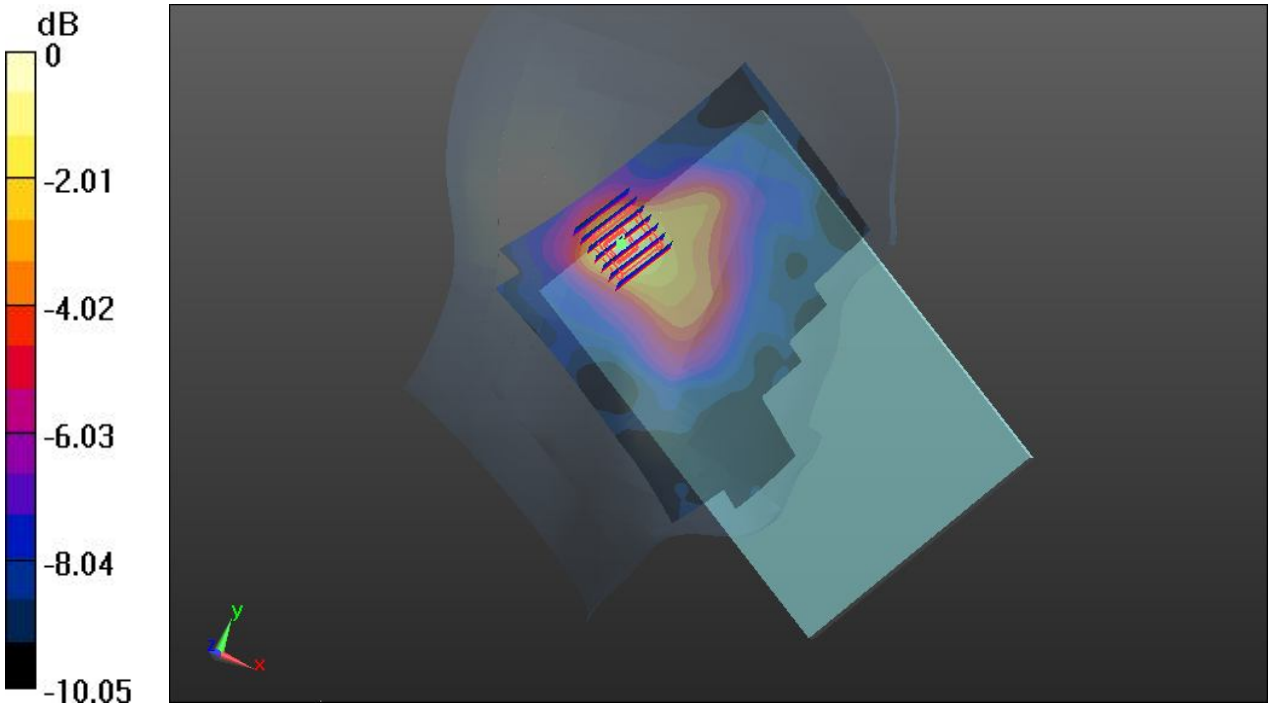
103 WLAN2.4GHz_802.11b_Left Cheek_Ch11

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_140227 Medium parameters used: f = 2462 MHz; σ = 1.838 S/m; ε_r = 37.893; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch11/Area Scan (121x181x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.210 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.351 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.260 W/kg
SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.200 W/kg



0 dB = 0.200 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

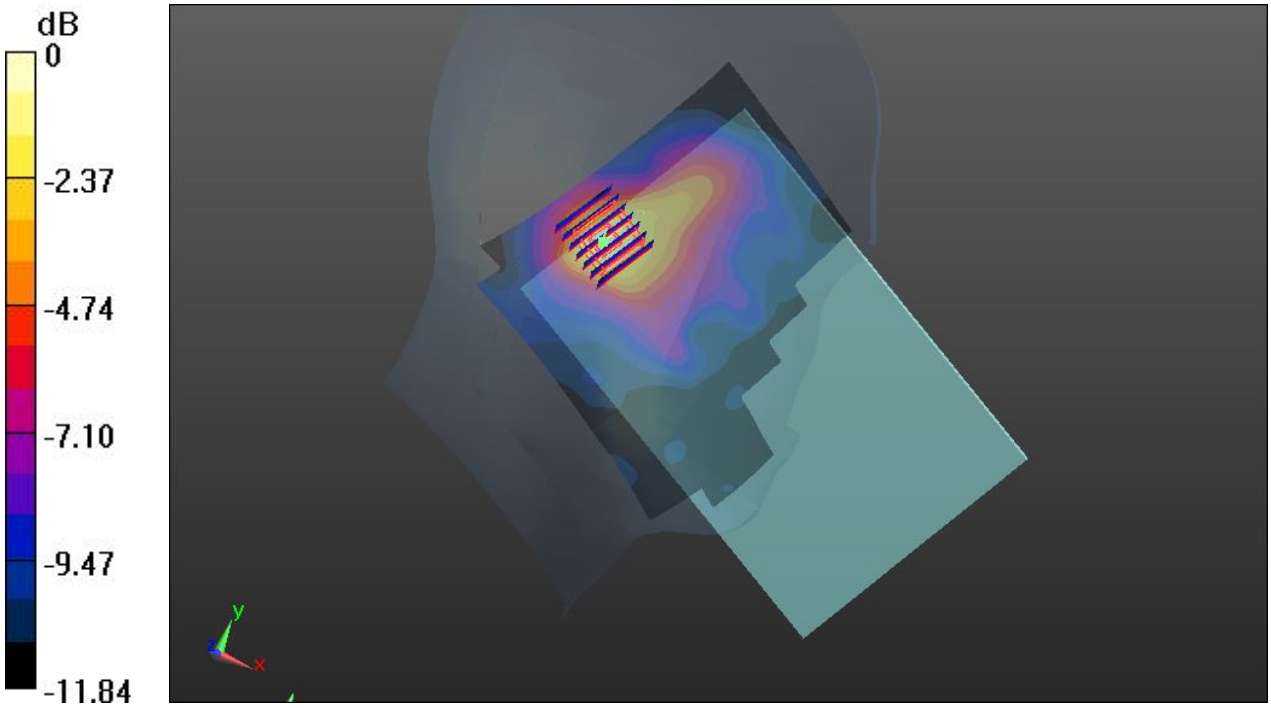
104 WLAN2.4GHz_802.11b_Left Tilted_Ch11

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_140227 Medium parameters used: f = 2462 MHz; σ = 1.838 S/m; ε_r = 37.893; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch11/Area Scan (121x181x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.179 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.818 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.213 W/kg
SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.064 W/kg
Maximum value of SAR (measured) = 0.166 W/kg



0 dB = 0.166 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

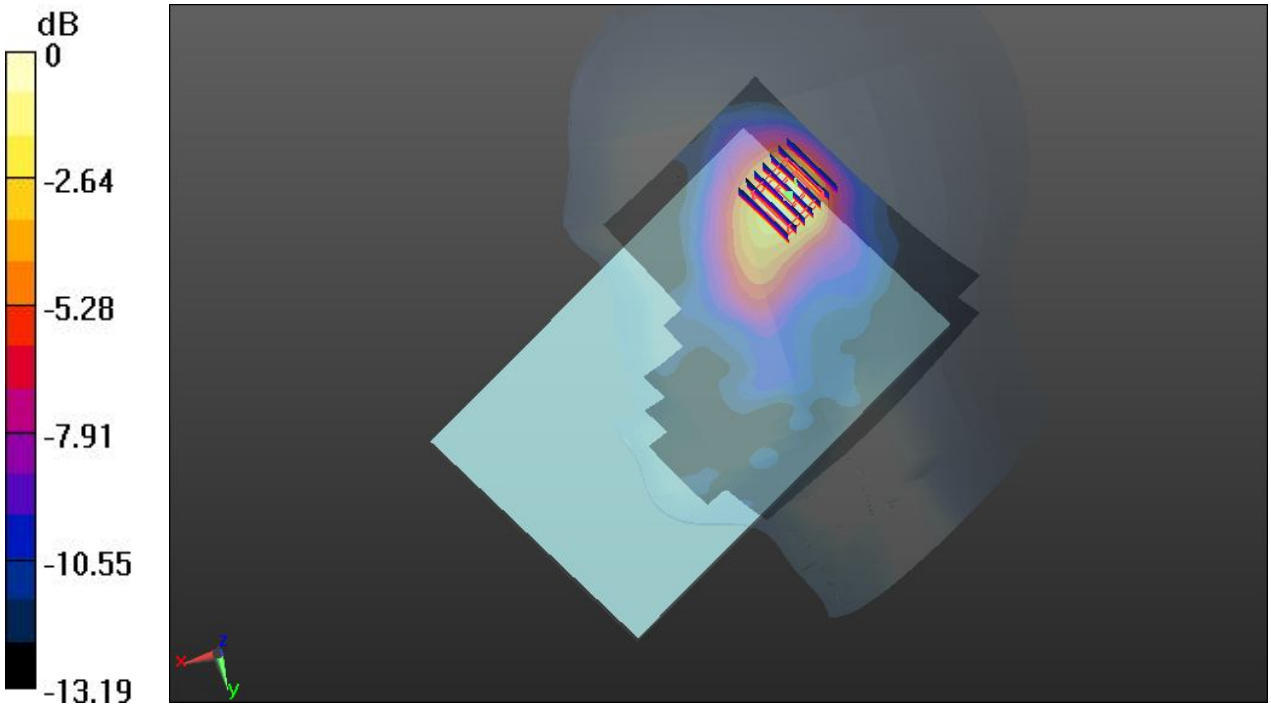
105 WLAN2.4GHz_802.11g_Right Cheek_Ch11

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1.121
Medium: HSL_2450_140227 Medium parameters used: f = 2462 MHz; σ = 1.838 S/m; ε_r = 37.893; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch11/Area Scan (121x181x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.476 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.662 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.609 W/kg
SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.159 W/kg
Maximum value of SAR (measured) = 0.441 W/kg



0 dB = 0.441 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.27

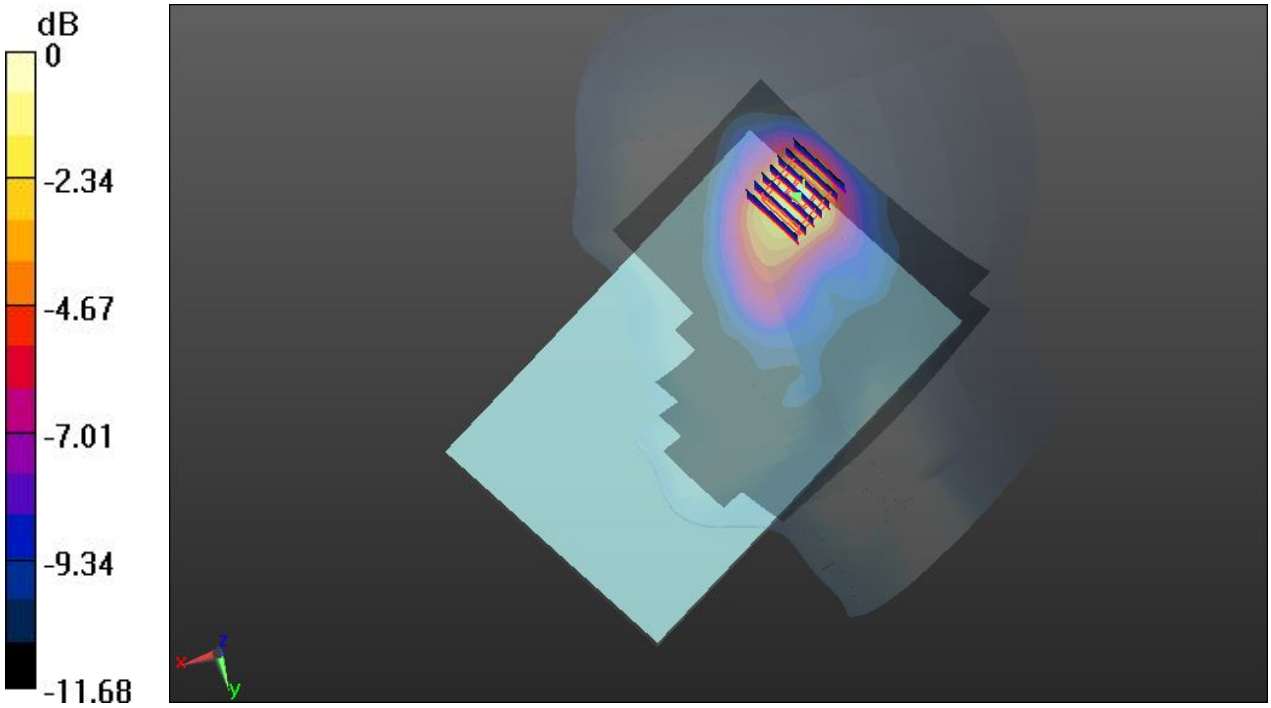
106 WLAN2.4GHz_802.11n-HT20_Right Cheek_Ch11

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1.123
Medium: HSL_2450_140227 Medium parameters used: f = 2462 MHz; σ = 1.838 S/m; ε_r = 37.893; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch11/Area Scan (121x181x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.354 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.708 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.485 W/kg
SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.128 W/kg
Maximum value of SAR (measured) = 0.351 W/kg



0 dB = 0.351 W/kg

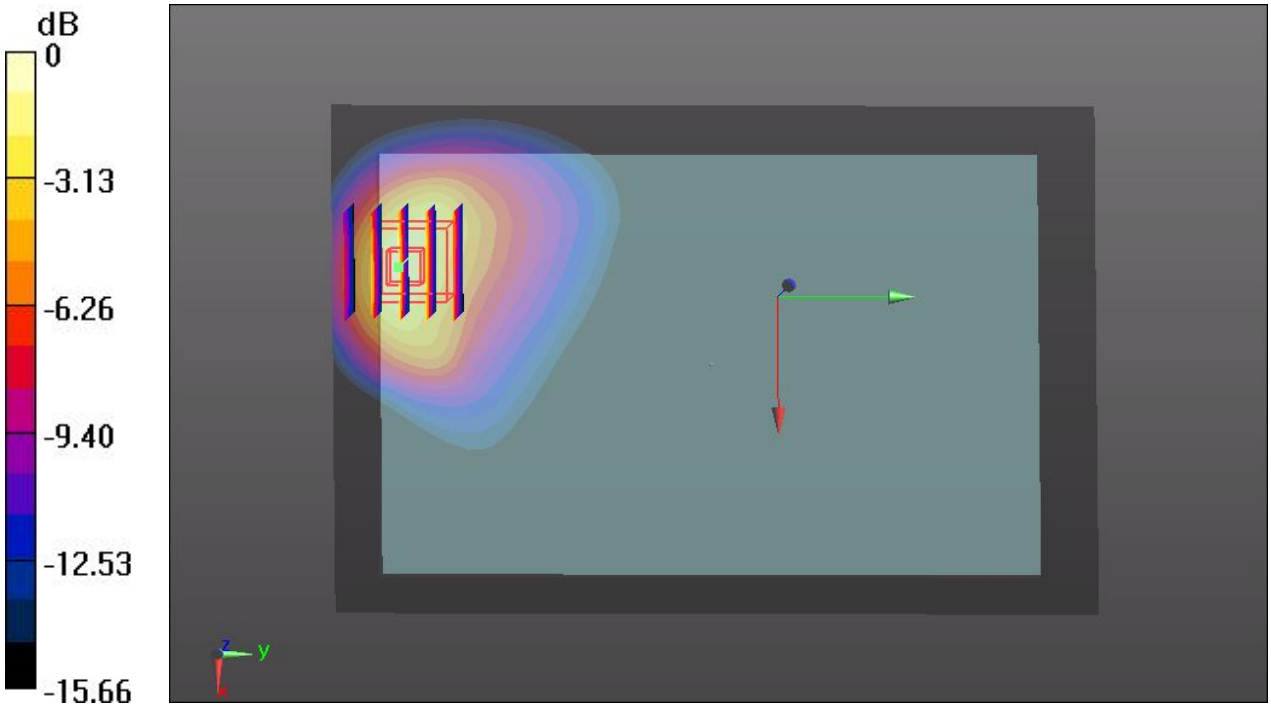
21 GSM850_GPRS(3 Tx slots)_Bottom Face_0cm_Ch128

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_140222 Medium parameters used: f = 824.2 MHz; σ = 1 S/m; ε_r = 56.363; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.54, 9.54, 9.54); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch128/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.00 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.546 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.410 W/kg
Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

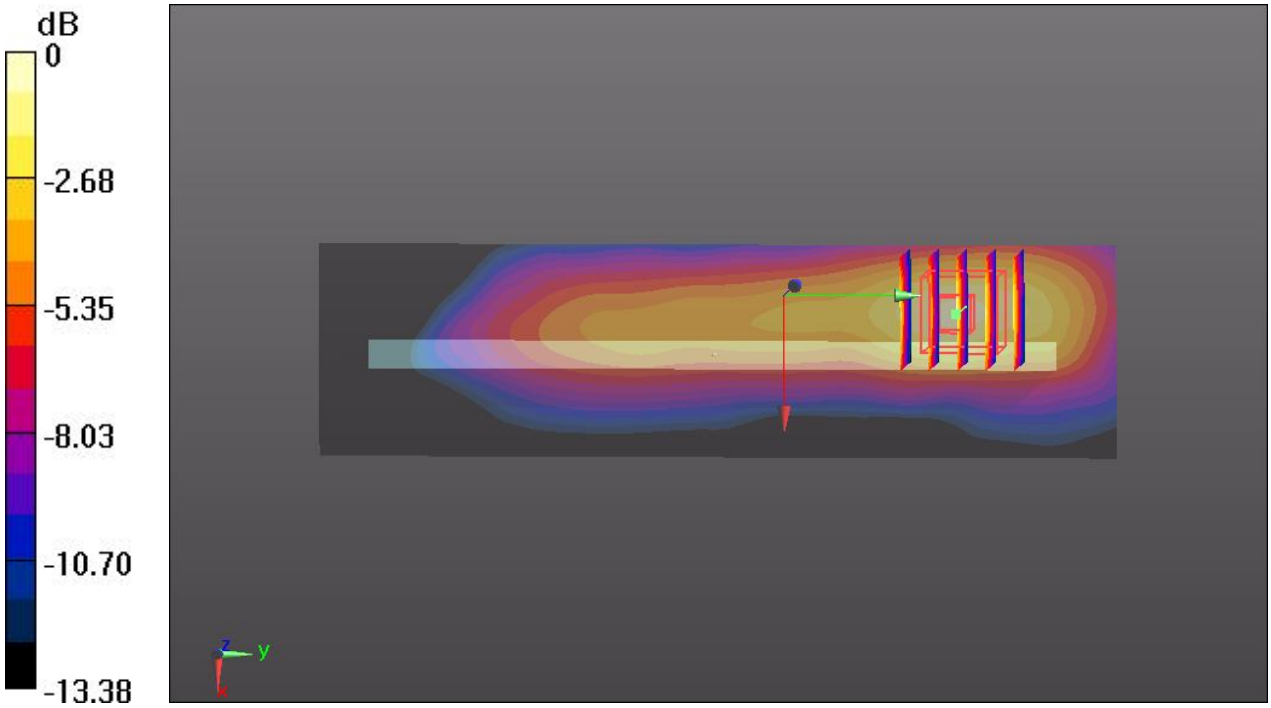
22 GSM850_GPRS(3 Tx slots)_Edge 2_0cm_Ch128

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_140222 Medium parameters used: f = 824.2 MHz; σ = 1 S/m; ε_r = 56.363; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.54, 9.54, 9.54); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch128/Area Scan (41x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0373 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.330 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0530 W/kg
SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.018 W/kg
Maximum value of SAR (measured) = 0.0427 W/kg



0 dB = 0.0427 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

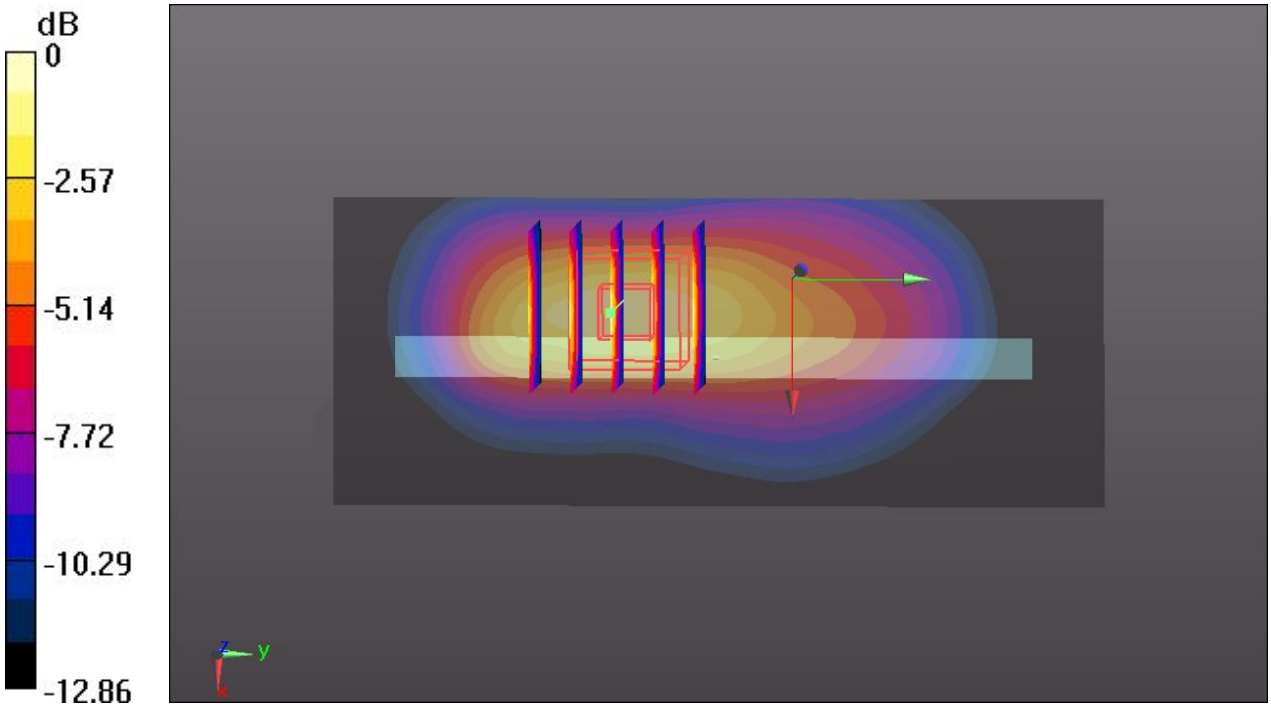
23 GSM850_GPRS(3 Tx slots)_Edge 3_0cm_Ch128

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_140222 Medium parameters used: f = 824.2 MHz; σ = 1 S/m; ε_r = 56.363; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.54, 9.54, 9.54); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch128/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.309 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.384 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.460 W/kg
SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.153 W/kg
Maximum value of SAR (measured) = 0.381 W/kg



0 dB = 0.381 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

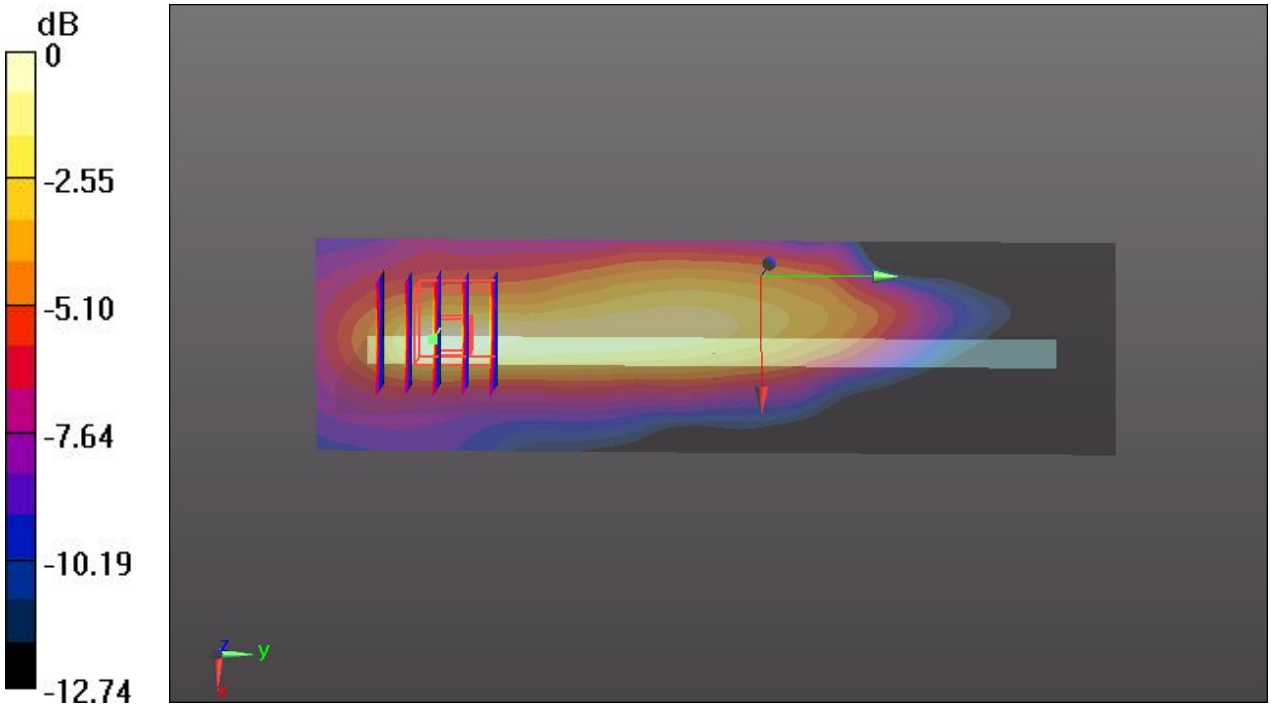
24 GSM850_GPRS(3 Tx slots)_Edge 4_0cm_Ch128

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_140222 Medium parameters used: f = 824.2 MHz; σ = 1 S/m; ε_r = 56.363; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.54, 9.54, 9.54); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch128/Area Scan (41x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0273 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.897 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0390 W/kg
SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00928 W/kg
Maximum value of SAR (measured) = 0.0288 W/kg



0 dB = 0.0288 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

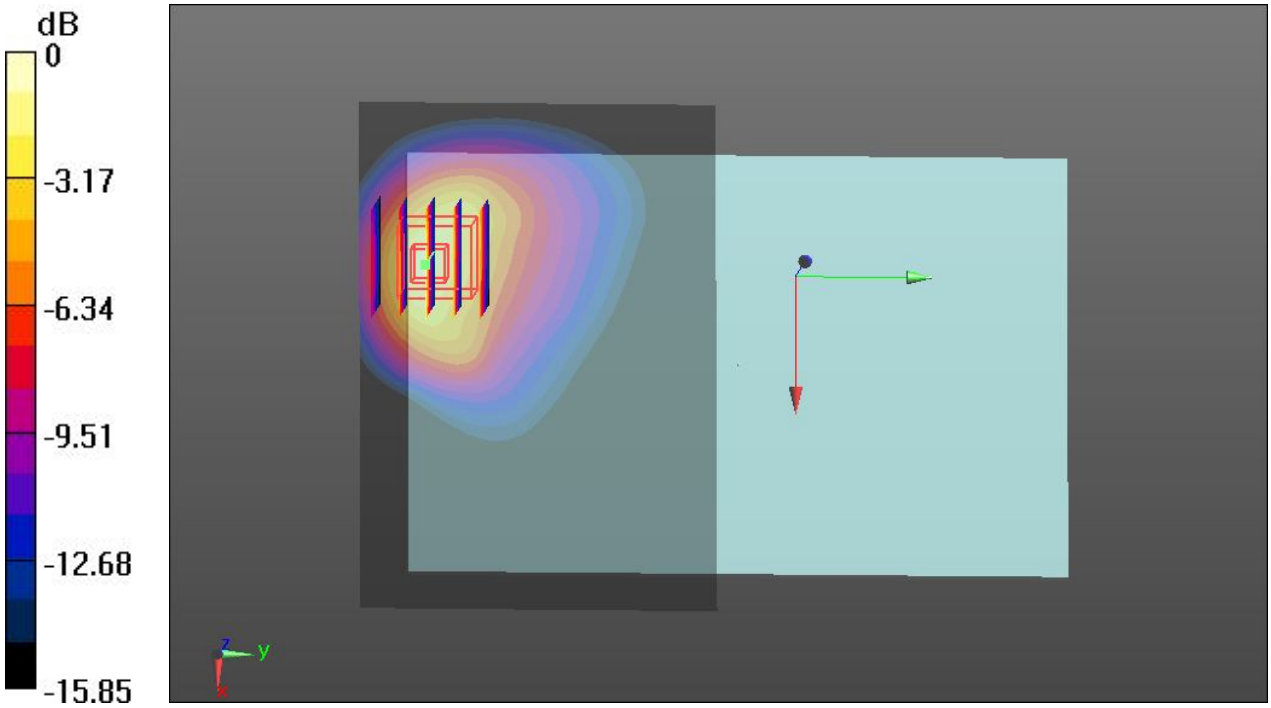
25 GSM850_GPRS(3 Tx slots)_Bottom Face_0cm_Ch189

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 836.4 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_140222 Medium parameters used: f = 836.4 MHz; σ = 1.013 S/m; ε_r = 56.228; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.54, 9.54, 9.54); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch189/Area Scan (101x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.934 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.423 W/kg
Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg

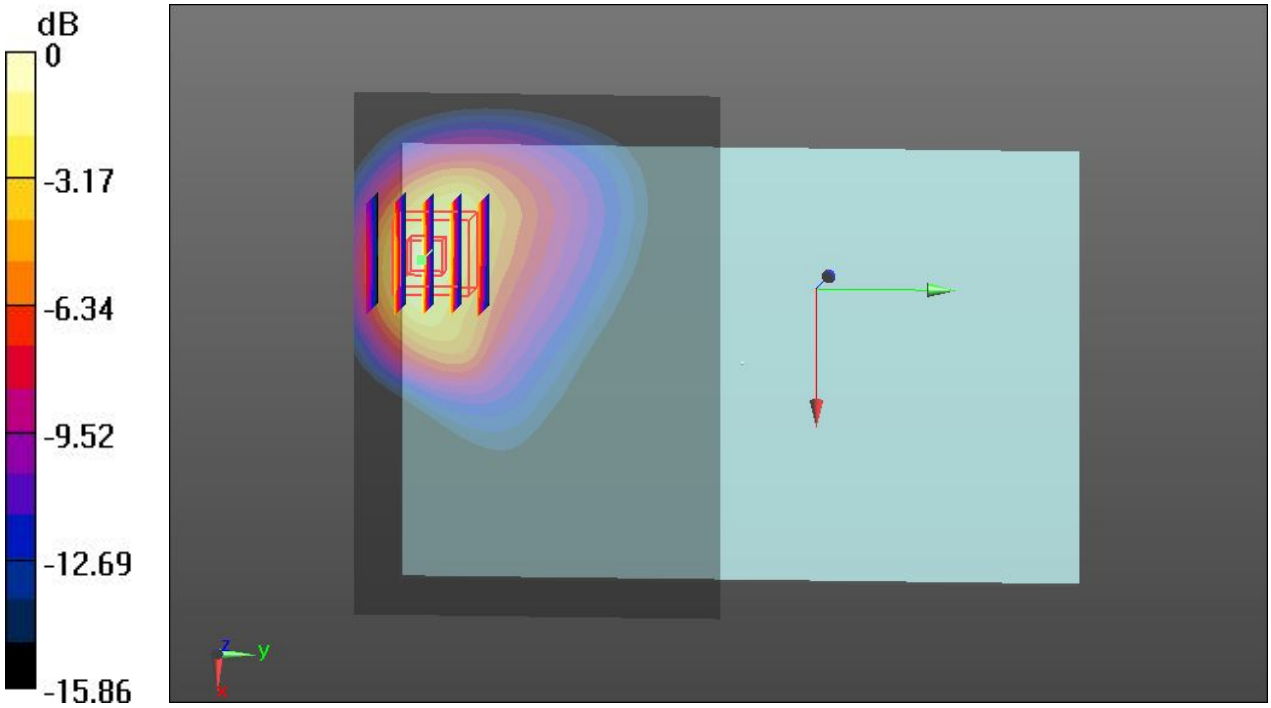
27 GSM850_GPRS(3 Tx slots)_Bottom Face_0cm_Ch189_Repeat SAR

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 836.4 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_140222 Medium parameters used: f = 836.4 MHz; σ = 1.013 S/m; ε_r = 56.228; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.54, 9.54, 9.54); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch189/Area Scan (101x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.22 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.013 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.807 W/kg; SAR(10 g) = 0.421 W/kg
Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

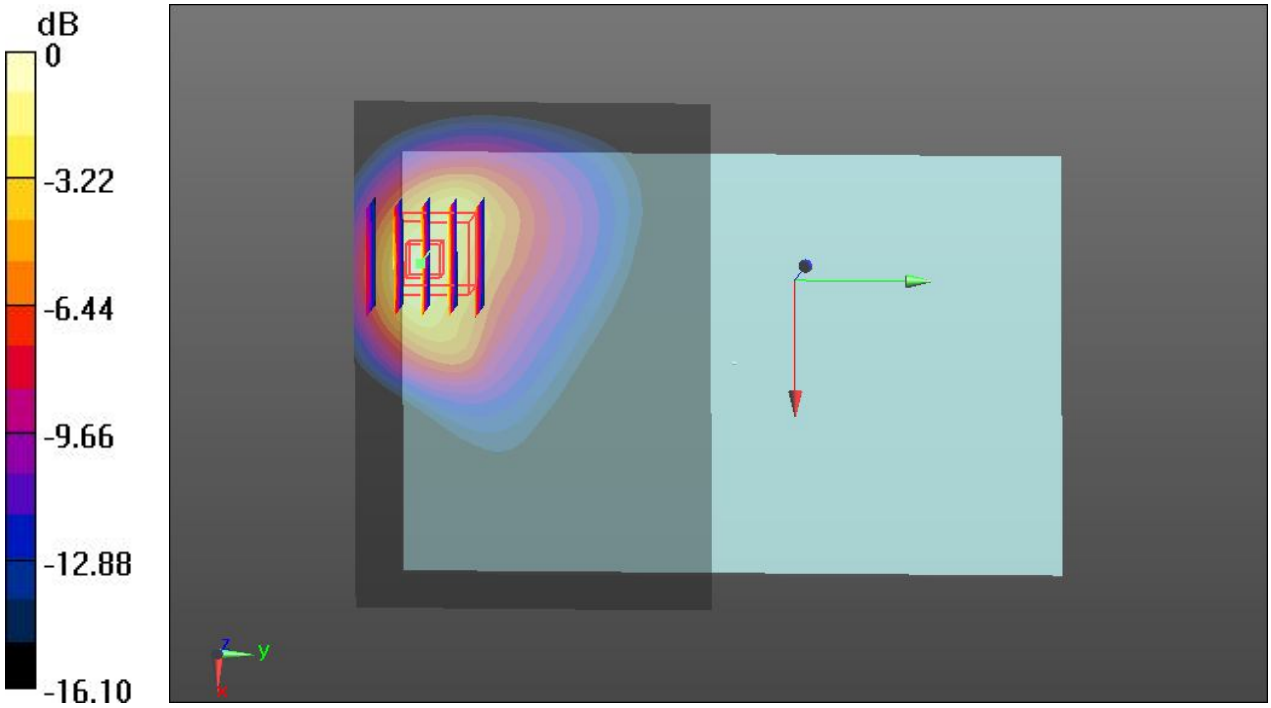
26 GSM850_GPRS(3 Tx slots)_Bottom Face_0cm_Ch251

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_140222 Medium parameters used: f = 848.8 MHz; σ = 1.026 S/m; ε_r = 56.11; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.54, 9.54, 9.54); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch251/Area Scan (101x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.756 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.423 W/kg
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

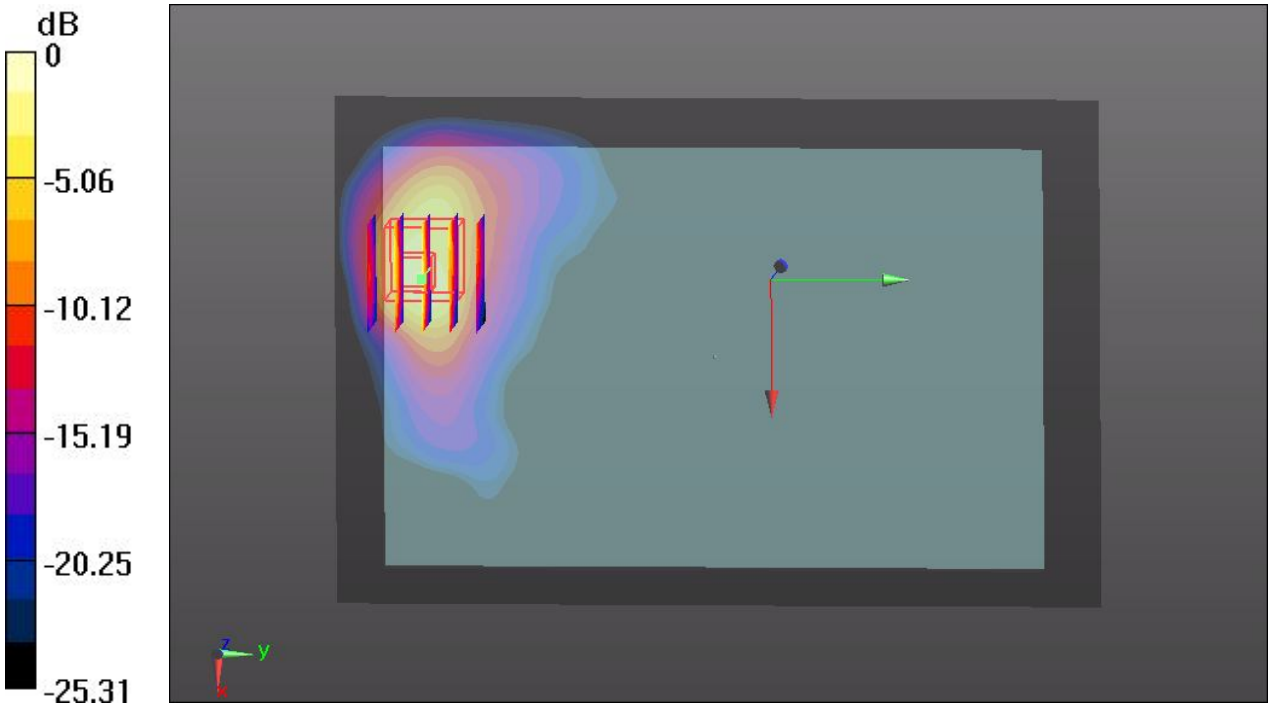
01 GSM1900_GPRS(3 Tx slots)_Bottom Face_0cm_Ch661

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_140222 Medium parameters used: f = 1880 MHz; σ = 1.507 S/m; ε_r = 54.733; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.55, 7.55, 7.55); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch661/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.25 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.745 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 0.971 W/kg; SAR(10 g) = 0.413 W/kg
Maximum value of SAR (measured) = 1.77 W/kg



0 dB = 1.77 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

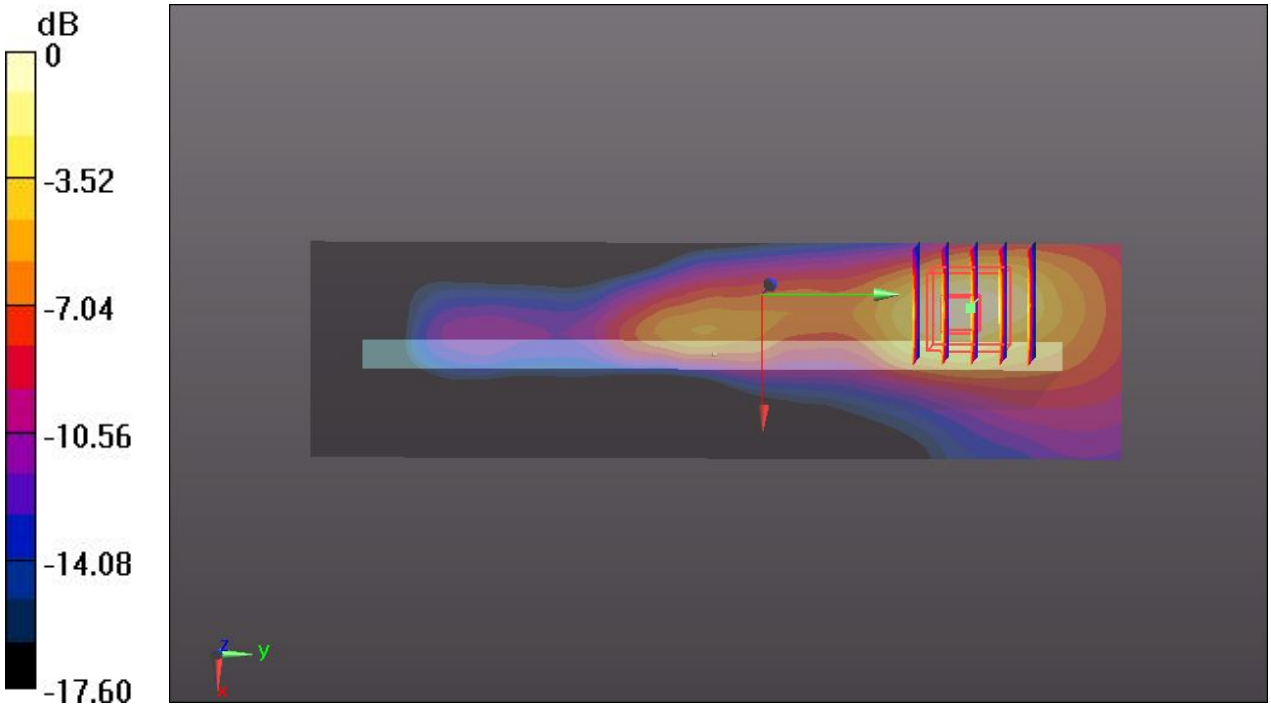
02 GSM1900_GPRS(3 Tx slots)_Edge 2_0cm_Ch661

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_140222 Medium parameters used: f = 1880 MHz; σ = 1.507 S/m; ε_r = 54.733; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.55, 7.55, 7.55); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch661/Area Scan (41x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.139 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.533 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.192 W/kg
SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.053 W/kg
Maximum value of SAR (measured) = 0.146 W/kg



0 dB = 0.146 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

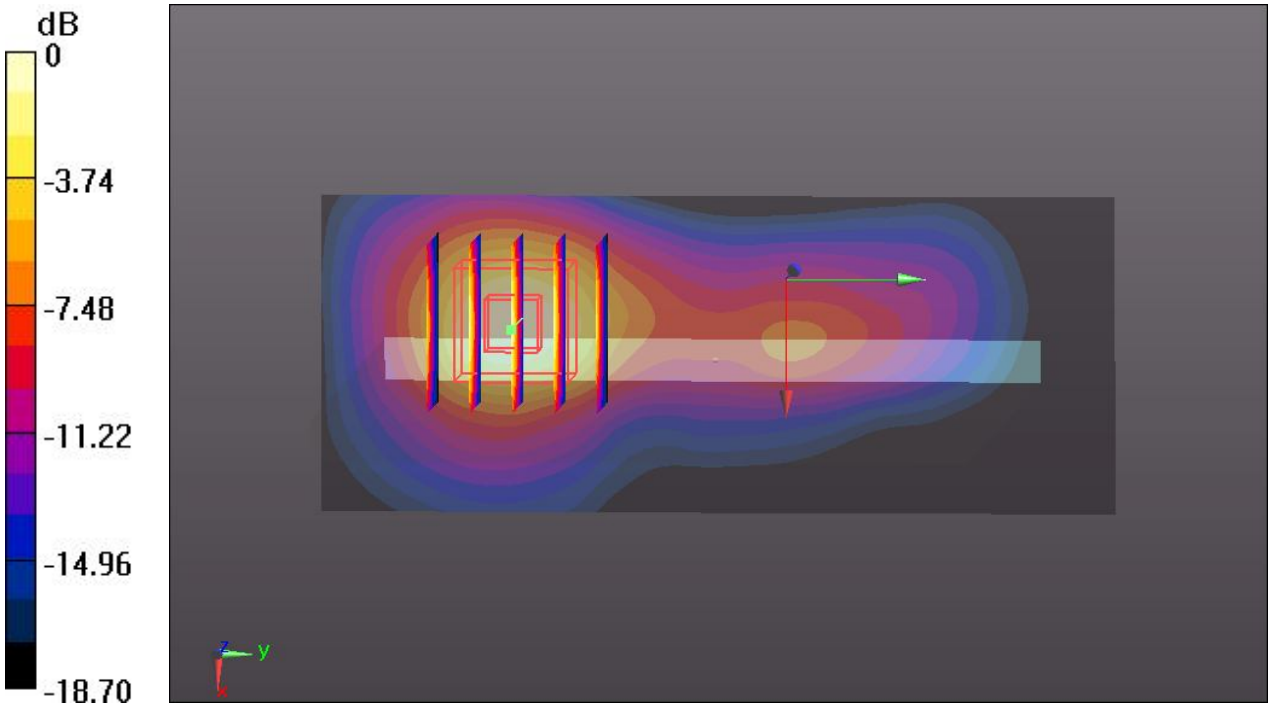
03 GSM1900_GPRS(3 Tx slots)_Edge 3_0cm_Ch661

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_140222 Medium parameters used: f = 1880 MHz; σ = 1.507 S/m; ε_r = 54.733; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.55, 7.55, 7.55); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch661/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.581 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.625 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.678 W/kg
SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.186 W/kg
Maximum value of SAR (measured) = 0.531 W/kg



0 dB = 0.531 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

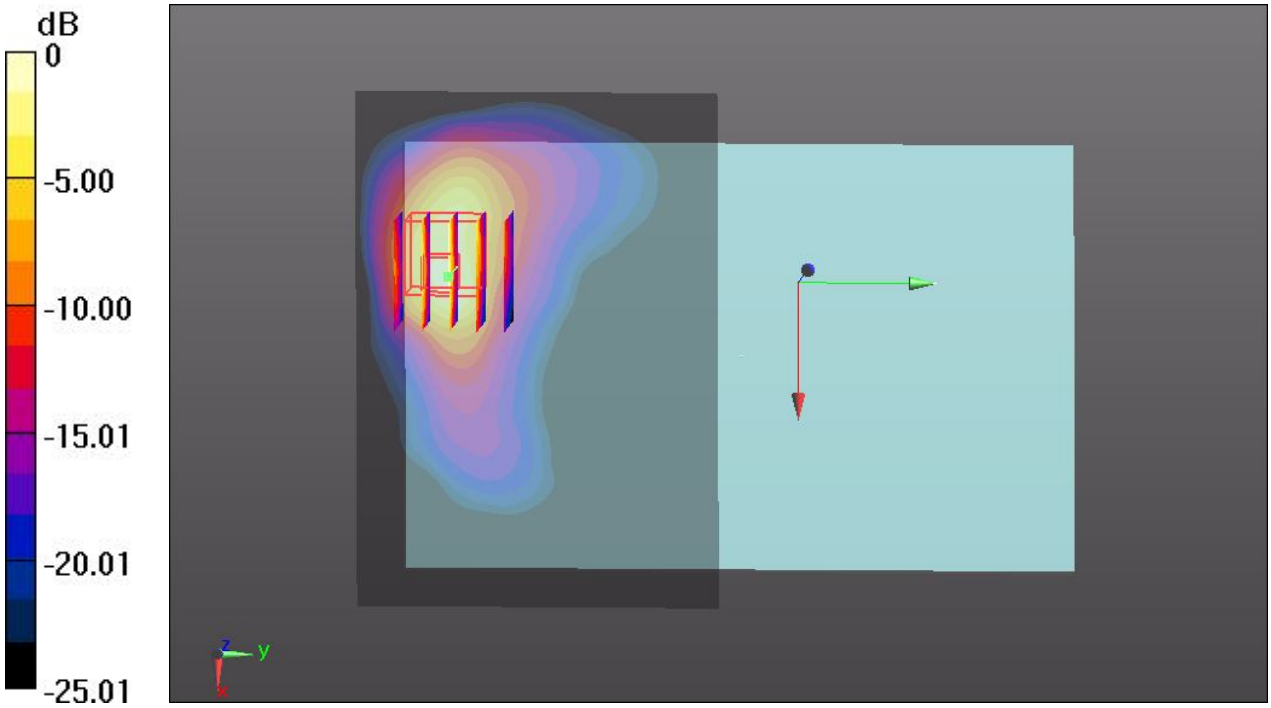
05 GSM1900_GPRS(3 Tx slots)_Bottom Face_0cm_Ch512

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 1850.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_140222 Medium parameters used: f = 1850.2 MHz; σ = 1.468 S/m; ε_r = 54.843; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.55, 7.55, 7.55); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch512/Area Scan (101x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.16 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.619 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.379 W/kg
Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg

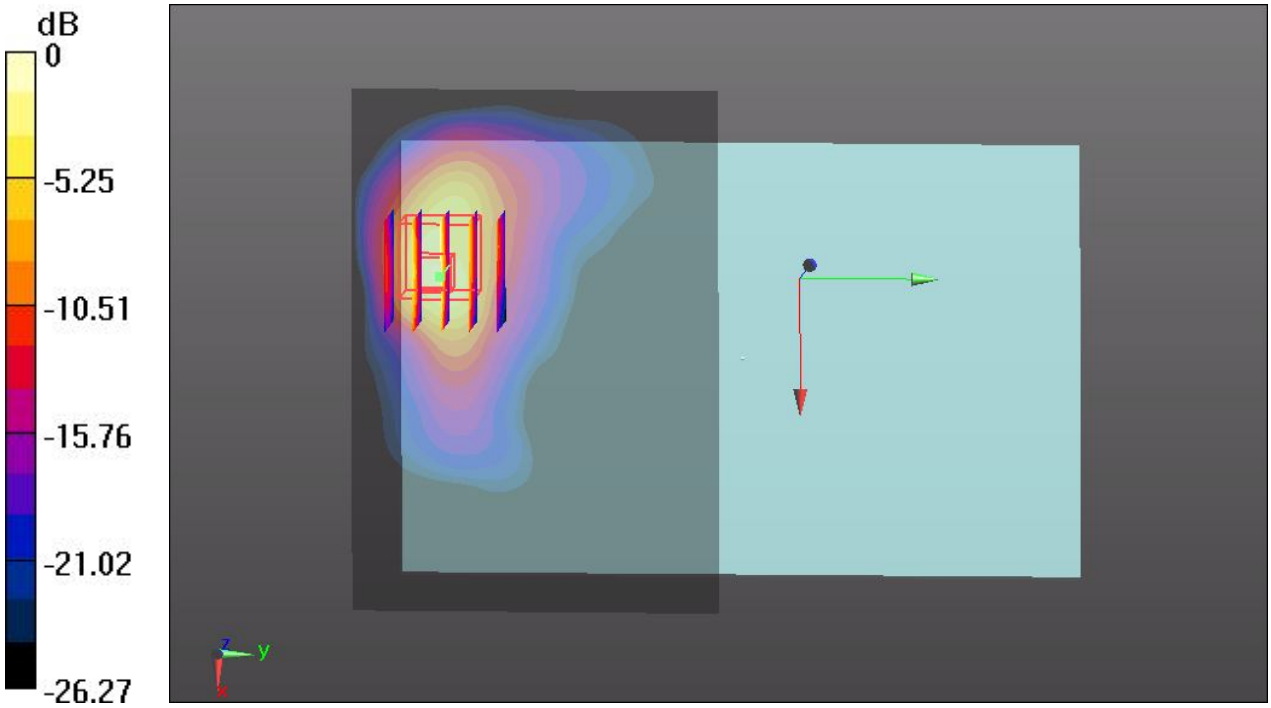
06 GSM1900_GPRS(3 Tx slots)_Bottom Face_0cm_Ch810

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_140222 Medium parameters used: f = 1919.8 MHz; σ = 1.544 S/m; ε_r = 54.586; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.55, 7.55, 7.55); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch810/Area Scan (101x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.34 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.448 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.44 W/kg
SAR(1 g) = 1.040 W/kg; SAR(10 g) = 0.435 W/kg
Maximum value of SAR (measured) = 1.88 W/kg



0 dB = 1.88 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

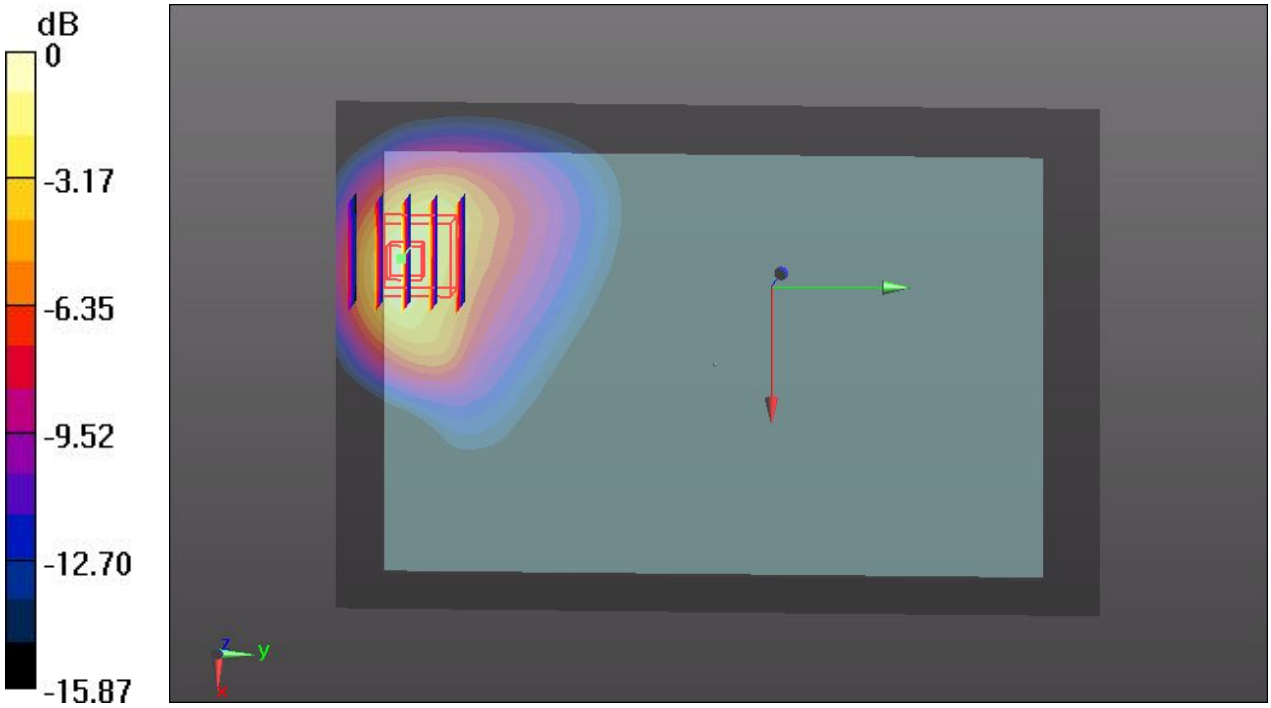
31 WCDMA Band V_RMC 12.2K_Bottom Face_0cm_Ch4132

Communication System: UID 0, UMTS (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_140222 Medium parameters used: f = 826.4 MHz; σ = 1.002 S/m; ε_r = 56.337; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.54, 9.54, 9.54); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch4132/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.789 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.460 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.595 W/kg; SAR(10 g) = 0.315 W/kg
Maximum value of SAR (measured) = 0.937 W/kg



0 dB = 0.937 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

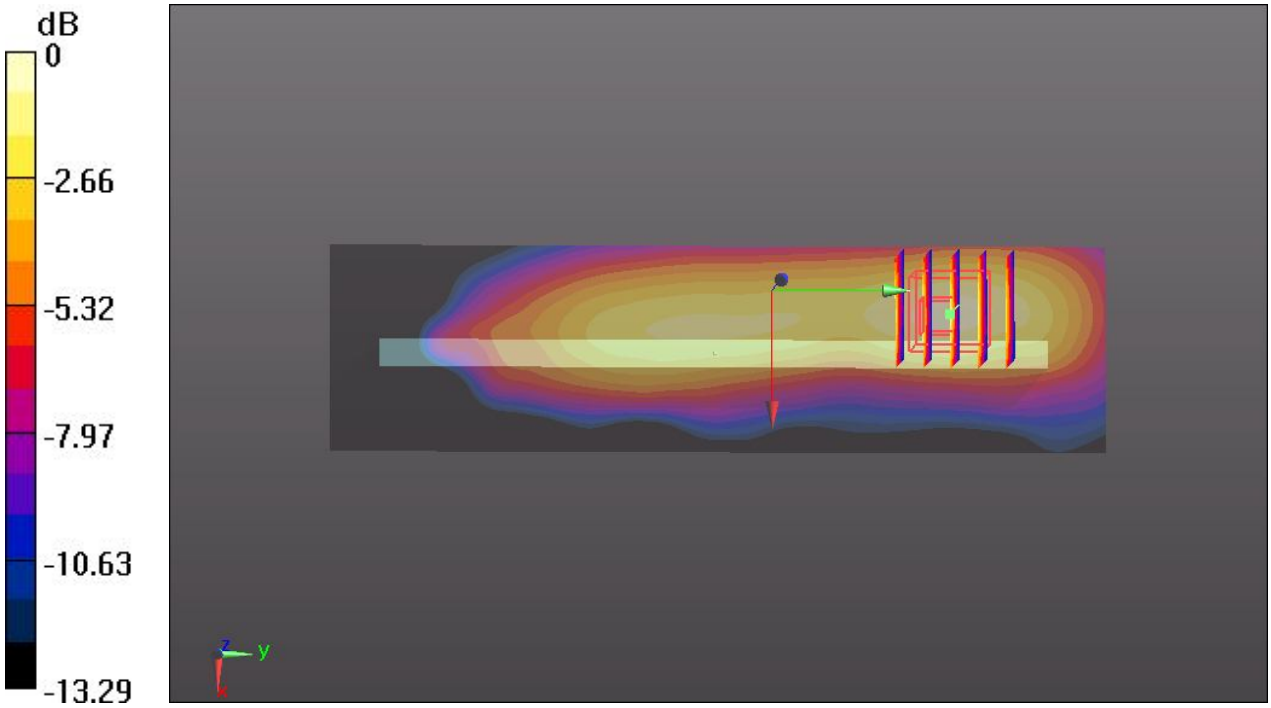
32 WCDMA Band V_RMC 12.2K_Edge 2_0cm_Ch4132

Communication System: UID 0, UMTS (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_140222 Medium parameters used: f = 826.4 MHz; σ = 1.002 S/m; ε_r = 56.337; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.54, 9.54, 9.54); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch4132/Area Scan (41x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0297 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.261 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0420 W/kg
SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.0329 W/kg



0 dB = 0.0329 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

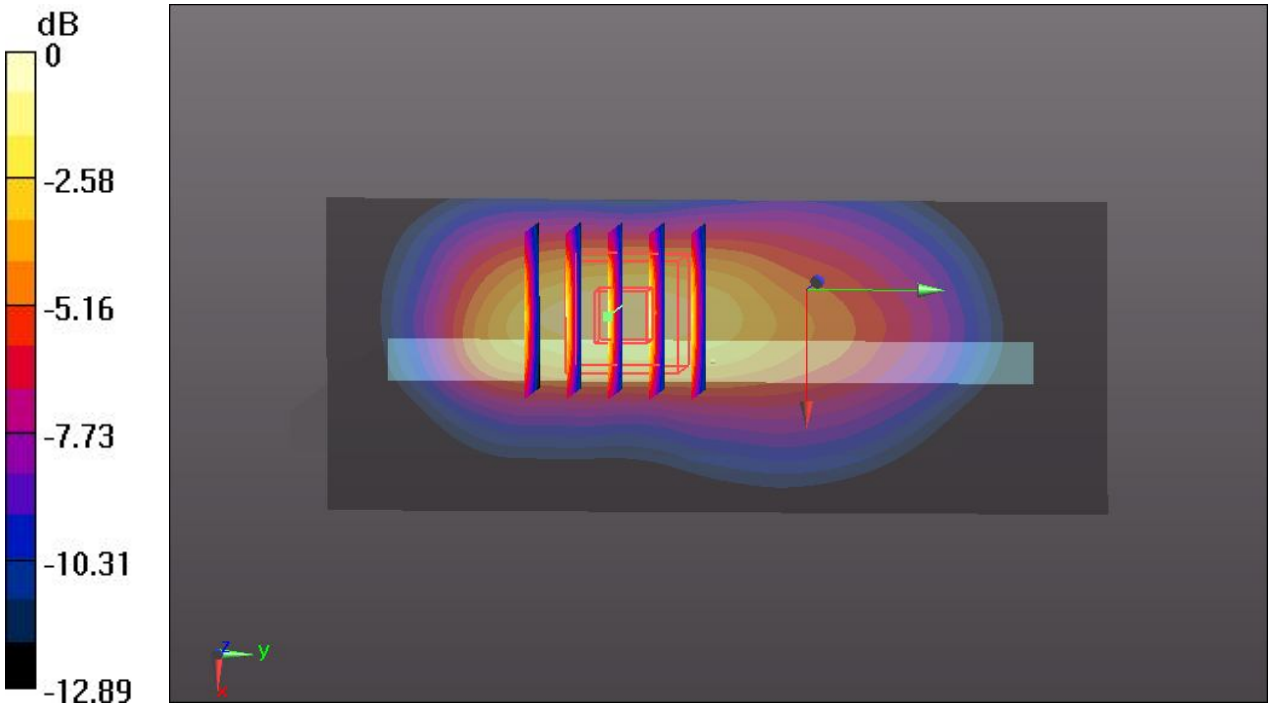
33 WCDMA Band V_RMC 12.2K_Edge 3_0cm_Ch4132

Communication System: UID 0, UMTS (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_140222 Medium parameters used: f = 826.4 MHz; σ = 1.002 S/m; ε_r = 56.337; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.54, 9.54, 9.54); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch4132/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.217 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.164 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.107 W/kg
Maximum value of SAR (measured) = 0.267 W/kg



0 dB = 0.267 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

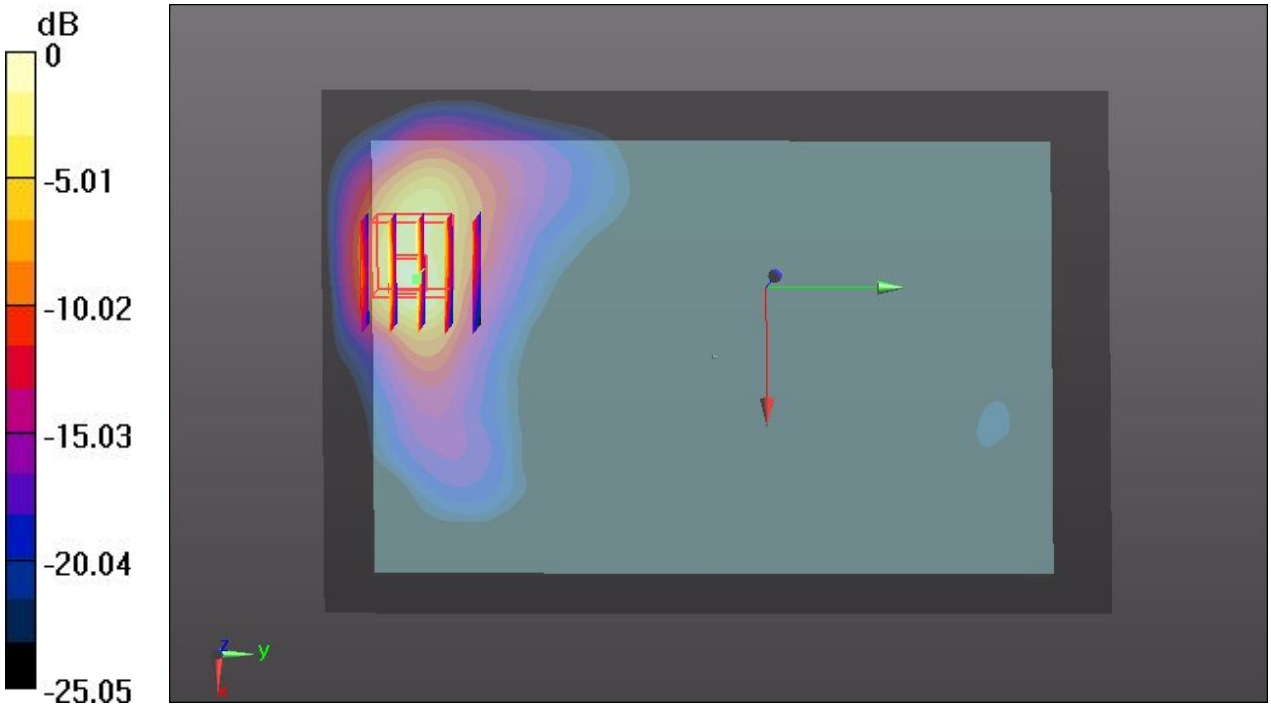
11 WCDMA Band II_RMC 12.2K_Bottom Face_0cm_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_140222 Medium parameters used: f = 1852.4 MHz; σ = 1.471 S/m; ε_r = 54.836; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.55, 7.55, 7.55); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9262/Area Scan (101x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.732 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.44 W/kg
SAR(1 g) = 1.070 W/kg; SAR(10 g) = 0.463 W/kg
Maximum value of SAR (measured) = 1.77 W/kg



0 dB = 1.77 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

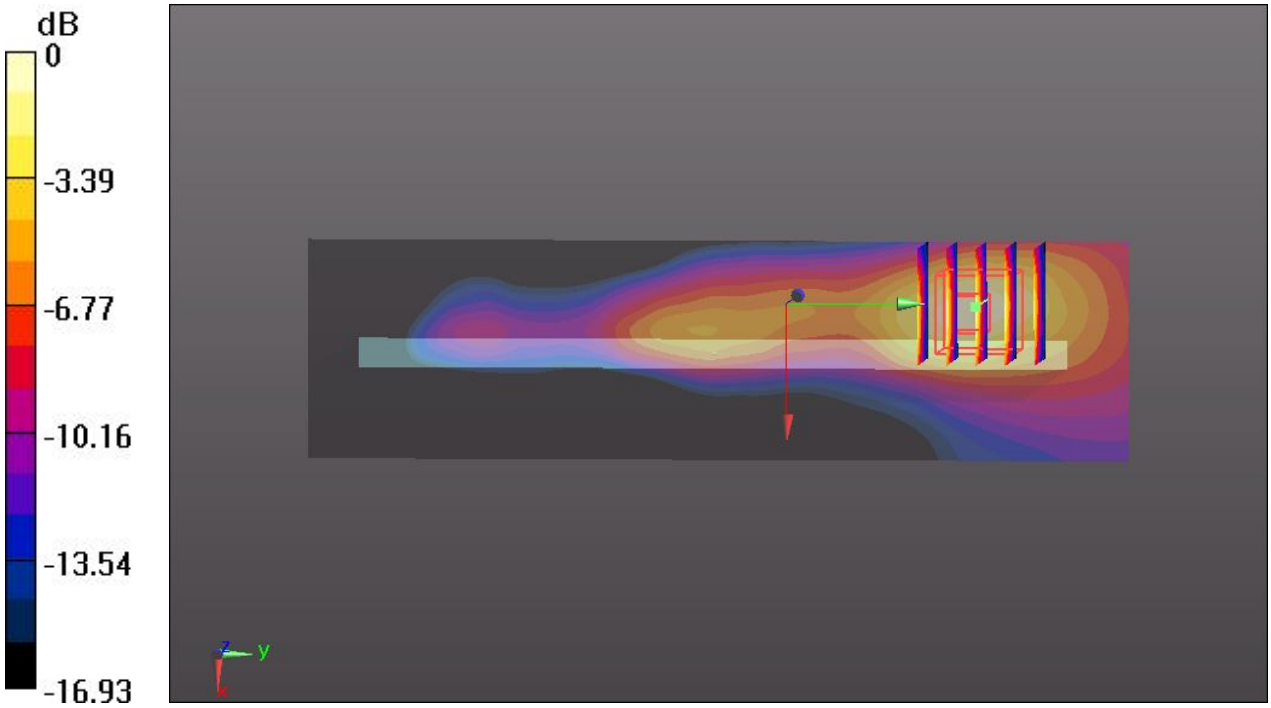
12 WCDMA Band II_RMC 12.2K_Edge 2_0cm_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_140222 Medium parameters used: f = 1852.4 MHz; σ = 1.471 S/m; ε_r = 54.836; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.55, 7.55, 7.55); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9262/Area Scan (41x151x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.174 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.898 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

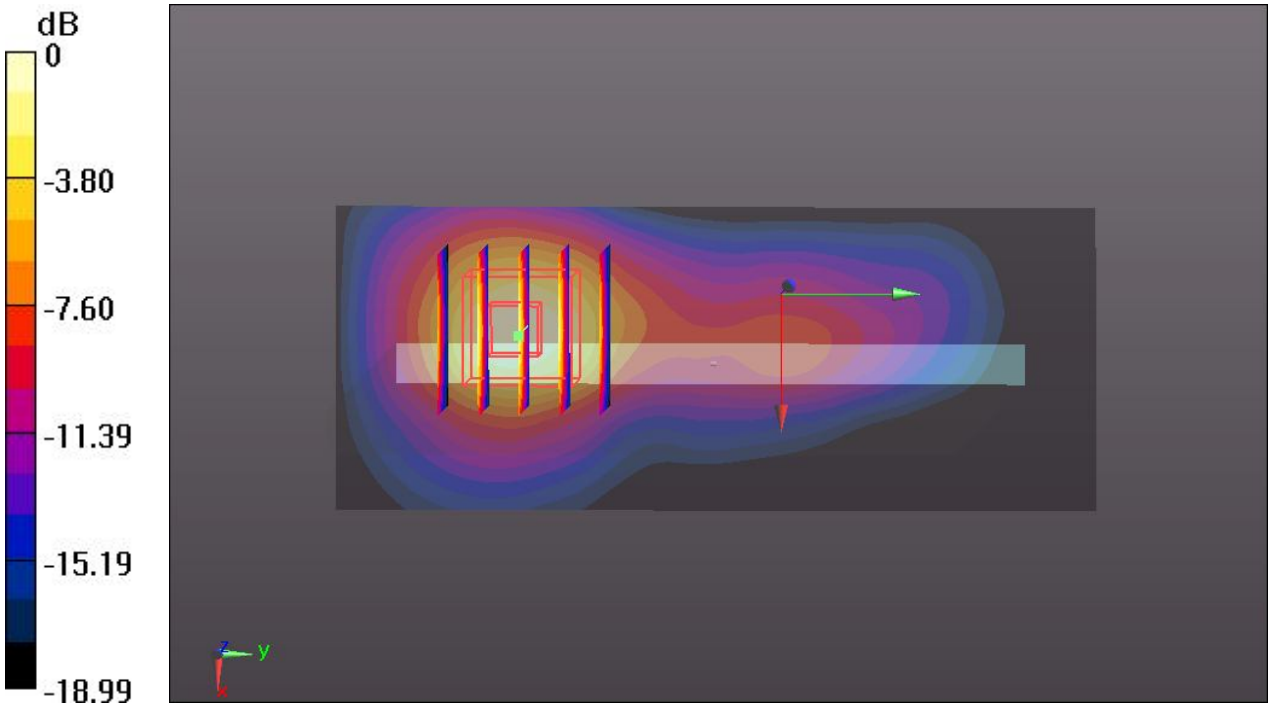
13 WCDMA Band II_RMC 12.2K_Edge 3_0cm_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_140222 Medium parameters used: f = 1852.4 MHz; σ = 1.471 S/m; ε_r = 54.836; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.55, 7.55, 7.55); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9262/Area Scan (41x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.752 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.001 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.886 W/kg
SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.245 W/kg
Maximum value of SAR (measured) = 0.698 W/kg



0 dB = 0.698 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

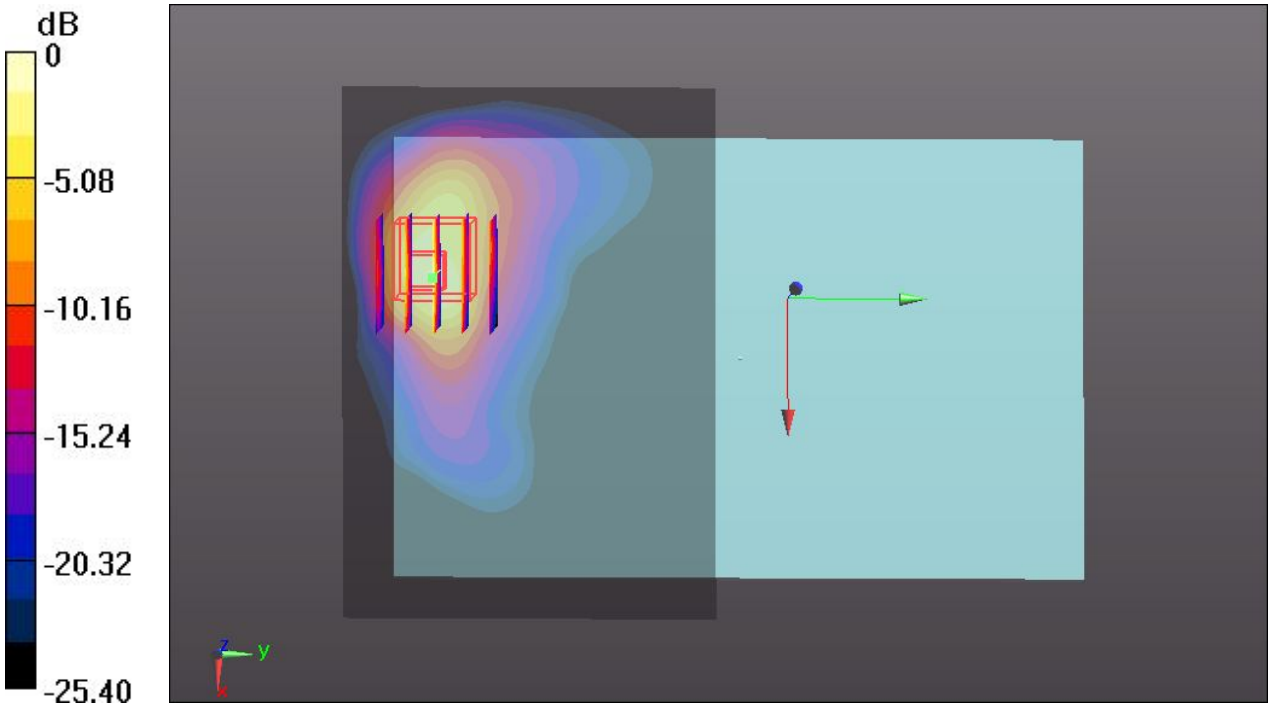
15 WCDMA Band II_RMC 12.2K_Bottom Face_0cm_Ch9400

Communication System: UID 0, UMTS (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_140222 Medium parameters used: f = 1880 MHz; σ = 1.507 S/m; ε_r = 54.733; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.55, 7.55, 7.55); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9400/Area Scan (101x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.57 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.794 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.84 W/kg
SAR(1 g) = 1.220 W/kg; SAR(10 g) = 0.518 W/kg
Maximum value of SAR (measured) = 2.22 W/kg



0 dB = 2.22 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

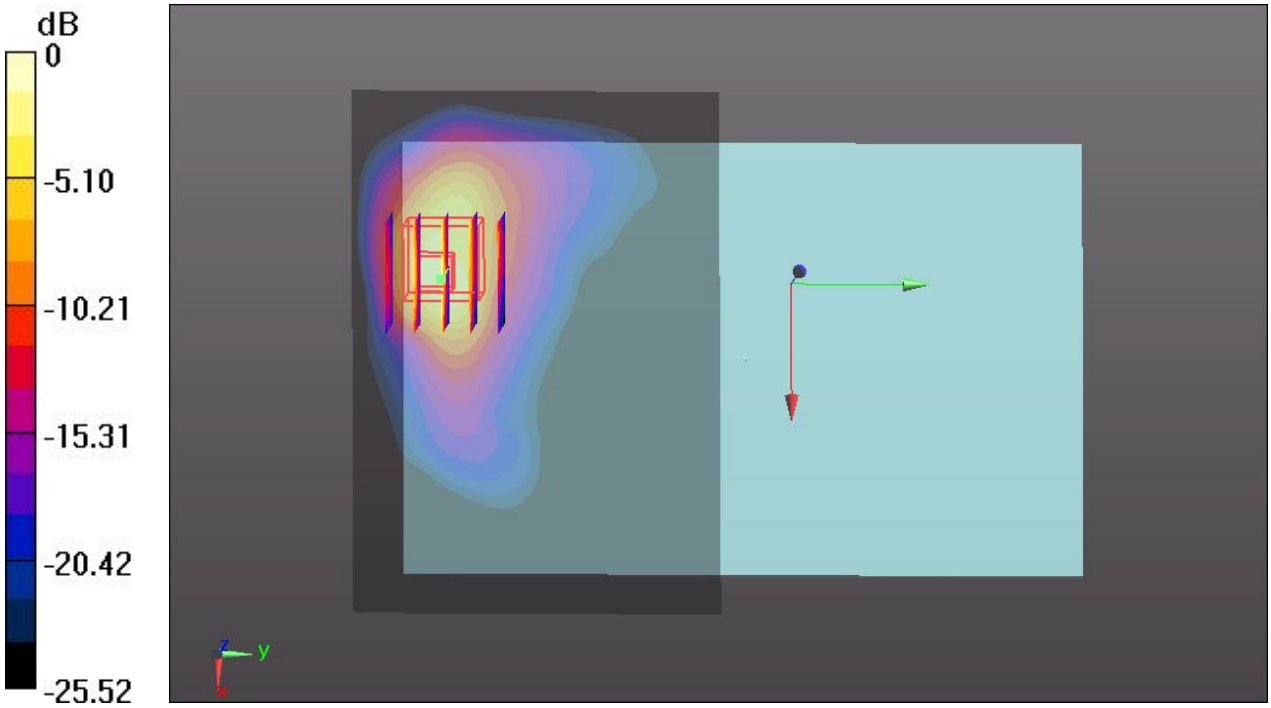
17 WCDMA Band II_RMC 12.2K_Bottom Face_0cm_Ch9400_Repeat SAR

Communication System: UID 0, UMTS (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_140222 Medium parameters used: f = 1880 MHz; σ = 1.507 S/m; ε_r = 54.733; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.55, 7.55, 7.55); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9400/Area Scan (101x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.56 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.758 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.84 W/kg
SAR(1 g) = 1.210 W/kg; SAR(10 g) = 0.513 W/kg
Maximum value of SAR (measured) = 2.22 W/kg



0 dB = 2.22 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

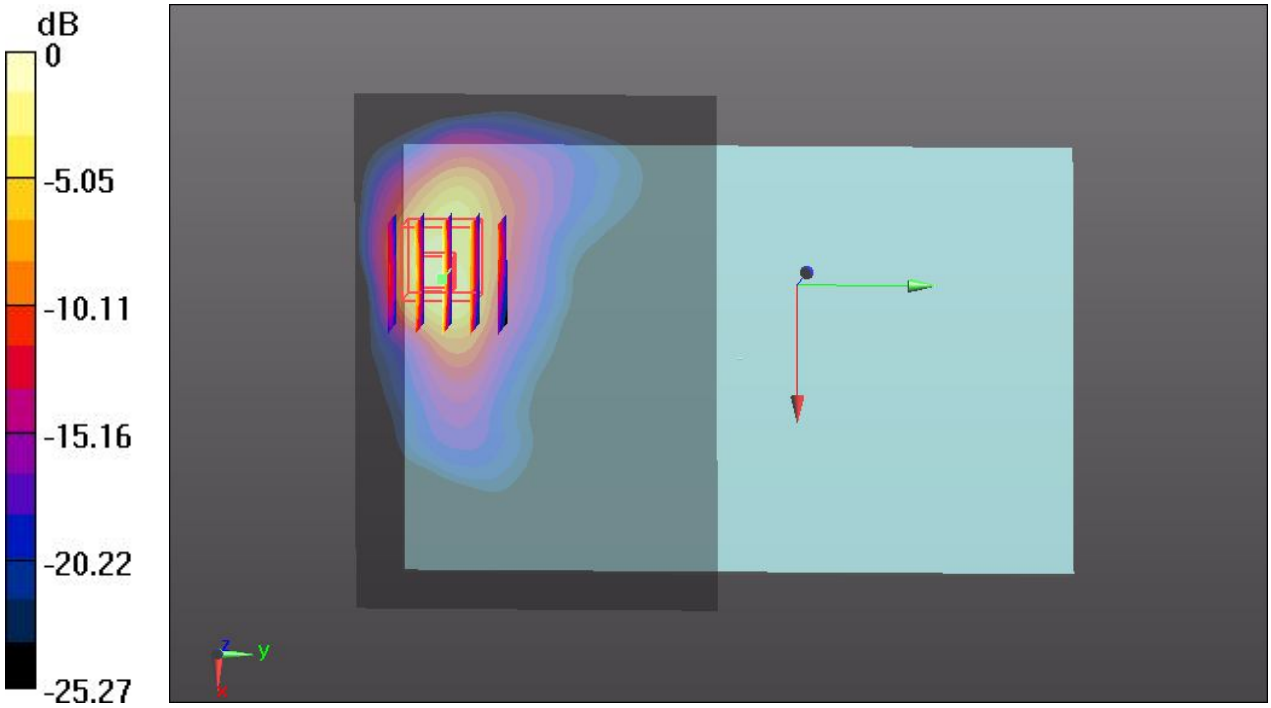
16 WCDMA Band II_RMC 12.2K_Bottom Face_0cm_Ch9538

Communication System: UID 0, UMTS (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_140222 Medium parameters used: f = 1907.6 MHz; σ = 1.542 S/m; ε_r = 54.591; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.55, 7.55, 7.55); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9538/Area Scan (101x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.48 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.739 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.69 W/kg
SAR(1 g) = 1.140 W/kg; SAR(10 g) = 0.478 W/kg
Maximum value of SAR (measured) = 2.07 W/kg



0 dB = 2.07 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

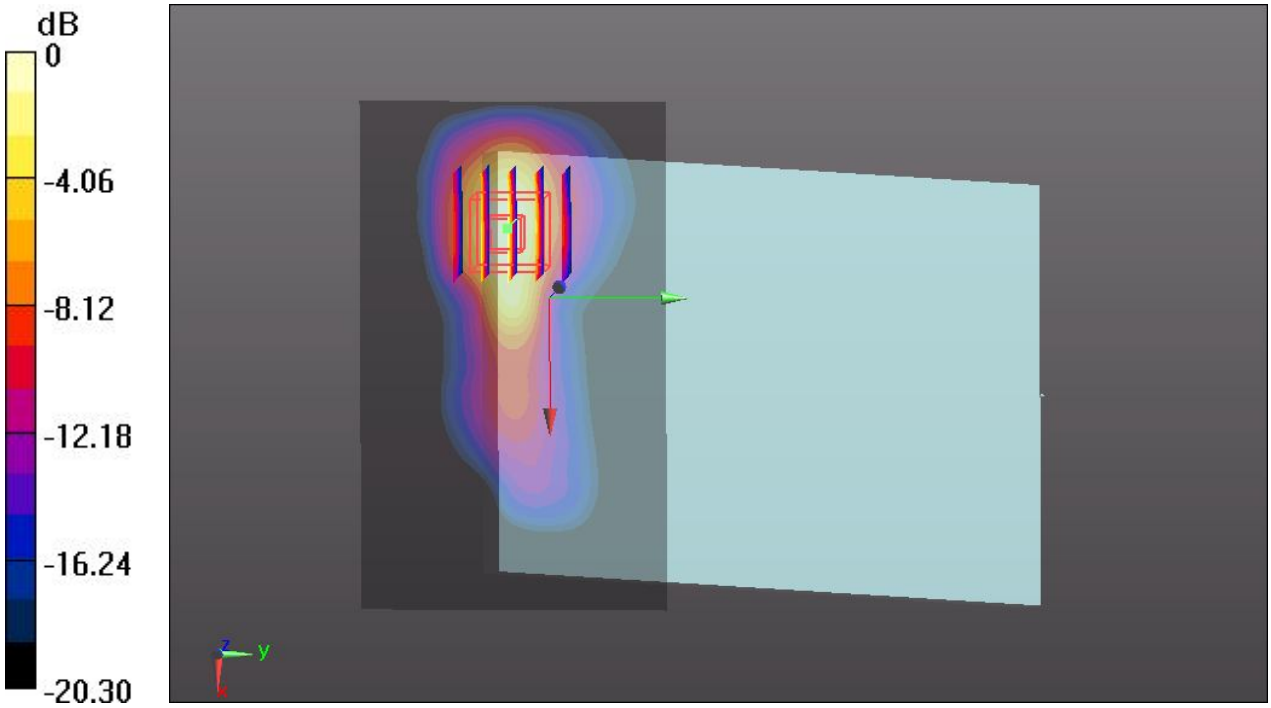
18 WCDMA Band II_RMC 12.2K_Edge3_Curve Face tilted 35 Degree_0cm_Ch9400

Communication System: UID 0, UMTS (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_140222 Medium parameters used: f = 1880 MHz; σ = 1.507 S/m; ε_r = 54.733; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.55, 7.55, 7.55); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9400/Area Scan (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.392 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.376 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.22

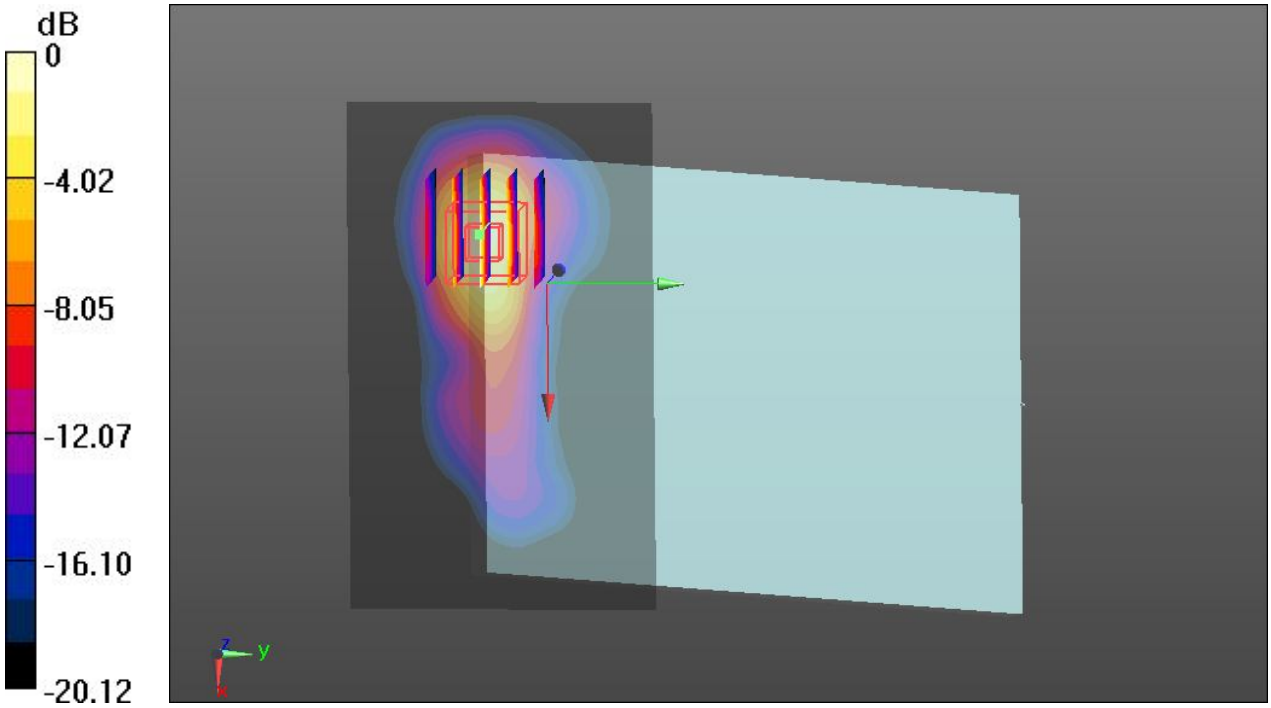
19 WCDMA Band II_RMC 12.2K_Edge3_Curve Face tilted 35 Degree_0cm_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_140222 Medium parameters used: f = 1852.4 MHz; σ = 1.471 S/m; ε_r = 54.836; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.55, 7.55, 7.55); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9262/Area Scan (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.342 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.756 W/kg; SAR(10 g) = 0.356 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg

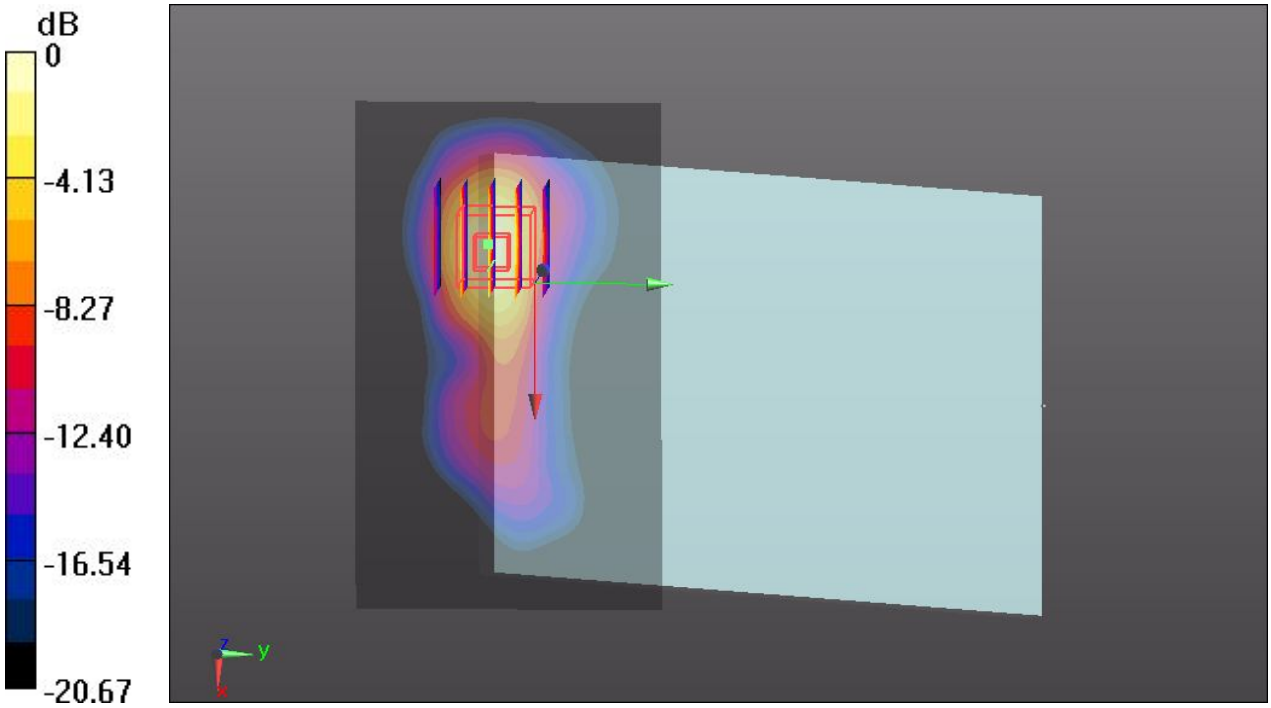
20 WCDMA Band II_RMC 12.2K_Edge3_Curve Face tilted 35 Degree_0cm_Ch9538

Communication System: UID 0, UMTS (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_140222 Medium parameters used: f = 1907.6 MHz; σ = 1.542 S/m; ε_r = 54.591; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.55, 7.55, 7.55); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9538/Area Scan (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.911 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.367 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.309 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.24

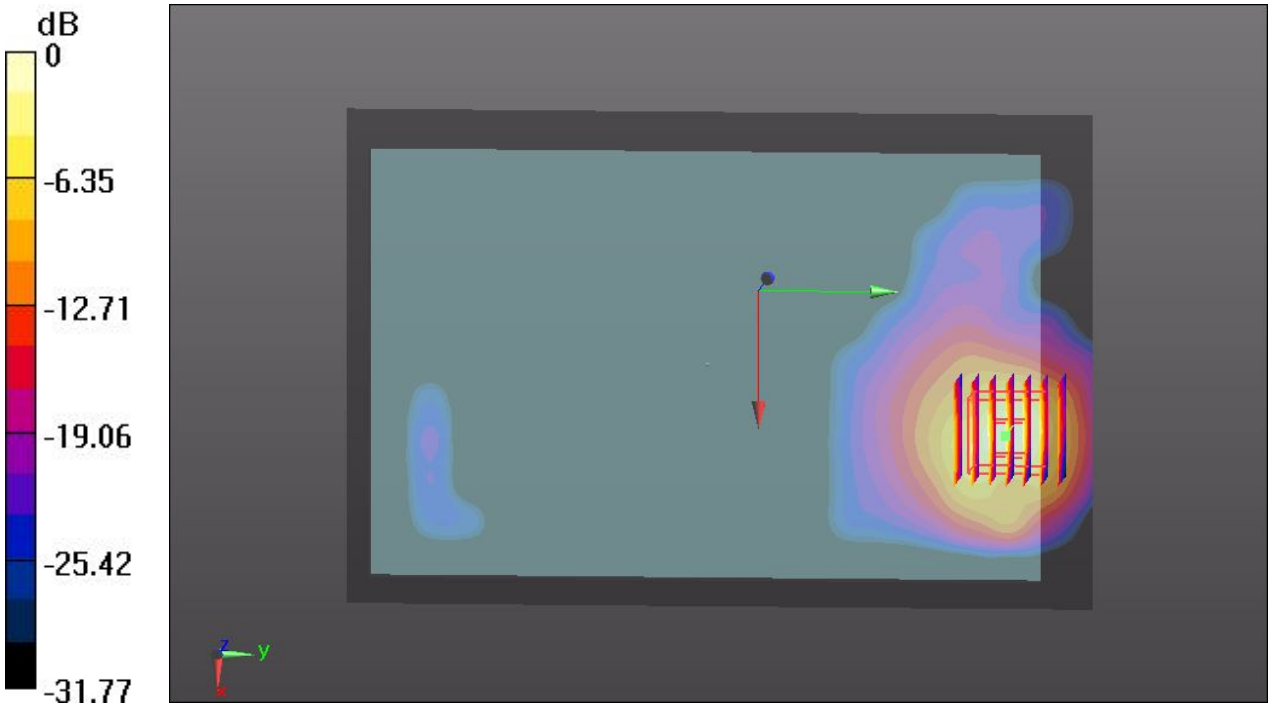
41 WLAN2.4GHz_802.11b_Bottom Face_0cm_Ch11

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_140224 Medium parameters used: f = 2462 MHz; σ = 1.964 S/m; ε_r = 51.623; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.07, 7.07, 7.07); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch11/Area Scan (121x181x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.81 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.322 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.36 W/kg
SAR(1 g) = 1.030 W/kg; SAR(10 g) = 0.396 W/kg
Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.24

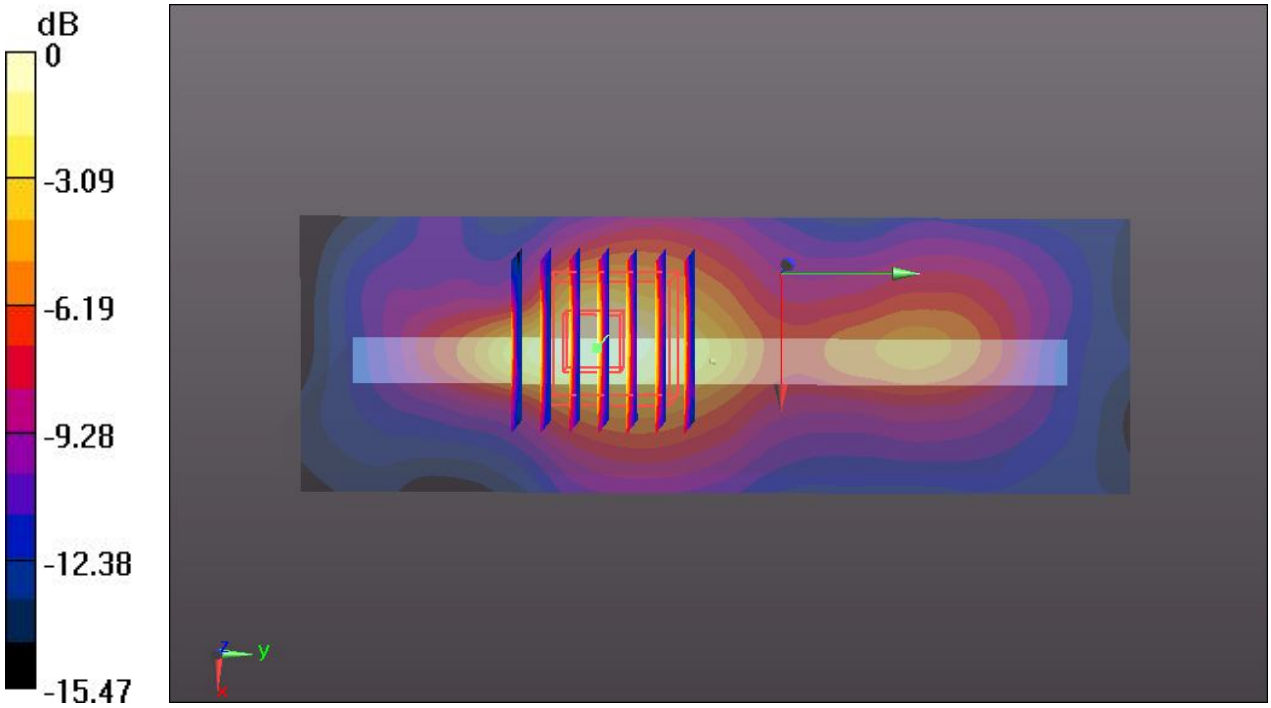
42 WLAN2.4GHz_802.11b_Edge 1_0cm_Ch11

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_140224 Medium parameters used: f = 2462 MHz; σ = 1.964 S/m; ε_r = 51.623; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.07, 7.07, 7.07); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch11/Area Scan (41x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.262 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.268 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.332 W/kg
SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.079 W/kg
Maximum value of SAR (measured) = 0.242 W/kg



0 dB = 0.242 W/kg

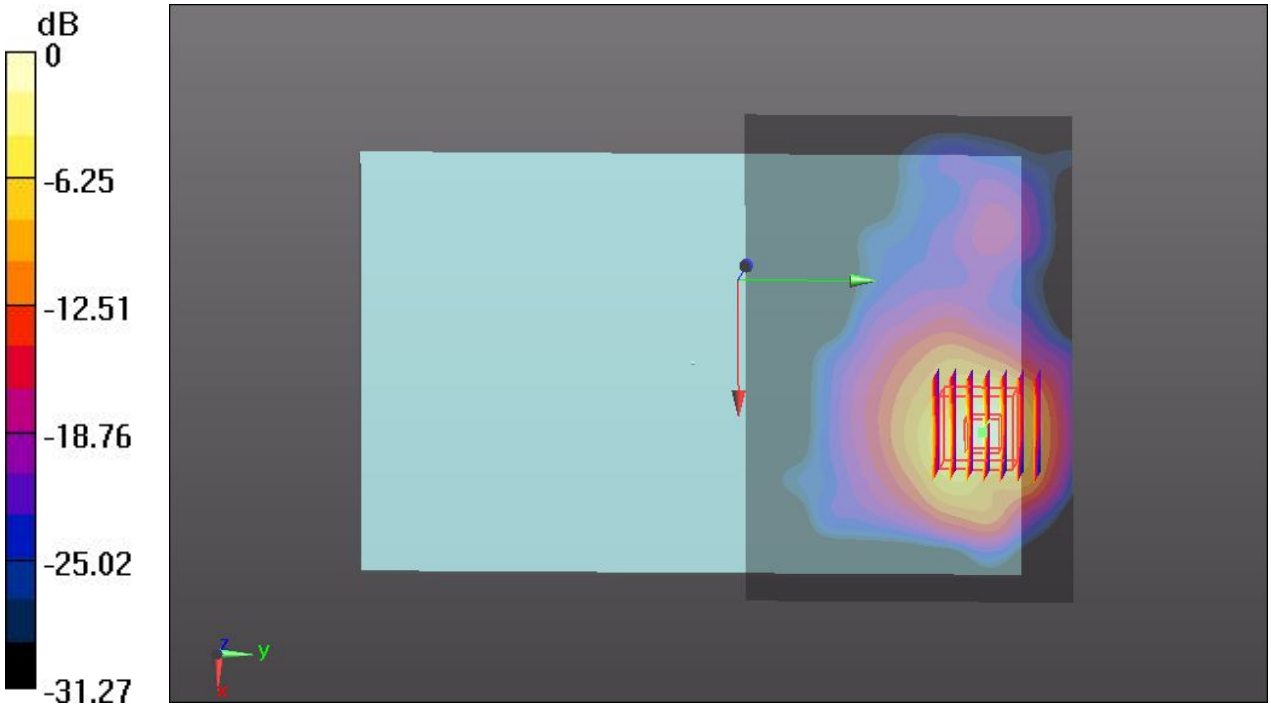
44 WLAN2.4GHz_802.11b_Bottom Face_0cm_Ch1

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_140224 Medium parameters used: f = 2412 MHz; σ = 1.899 S/m; ε_r = 51.803; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.07, 7.07, 7.07); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch1/Area Scan (121x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.41 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.808 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.301 W/kg
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.24

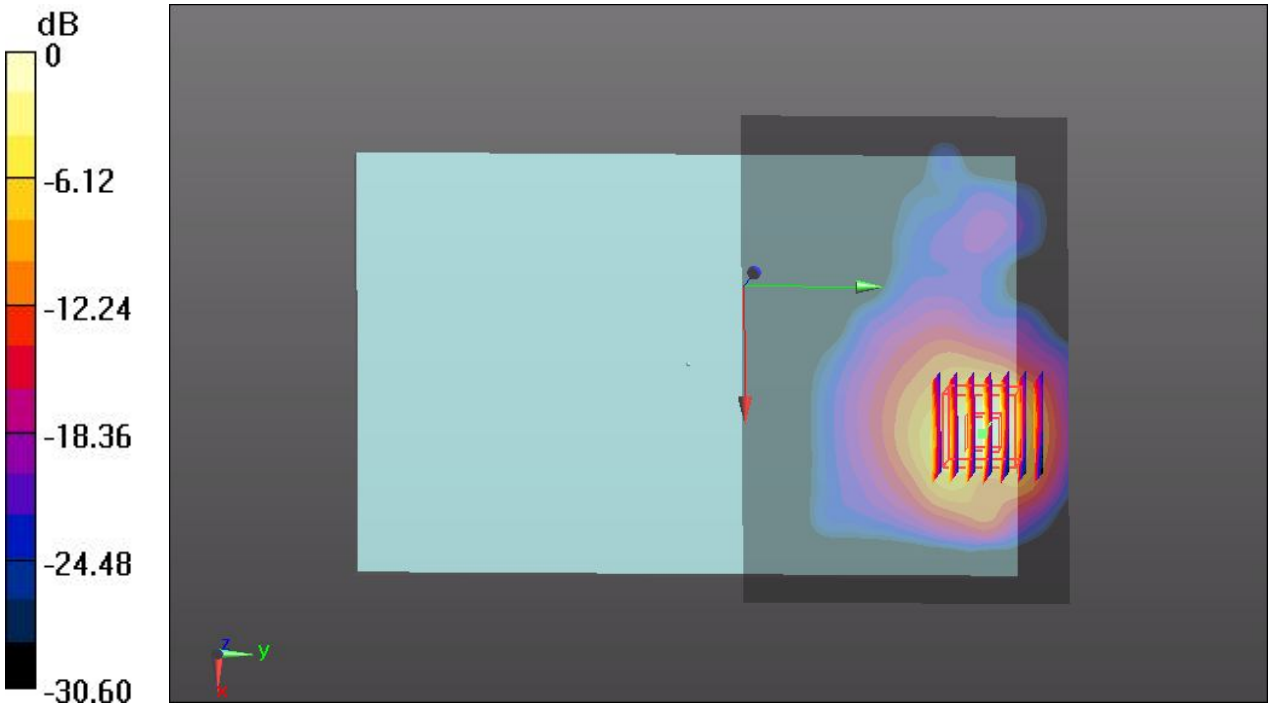
45 WLAN2.4GHz_802.11b_Bottom Face_0cm_Ch6

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_140224 Medium parameters used: f = 2437 MHz; σ = 1.931 S/m; ε_r = 51.715; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.07, 7.07, 7.07); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch6/Area Scan (121x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.68 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.576 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.12 W/kg
SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.352 W/kg
Maximum value of SAR (measured) = 1.56 W/kg



0 dB = 1.56 W/kg

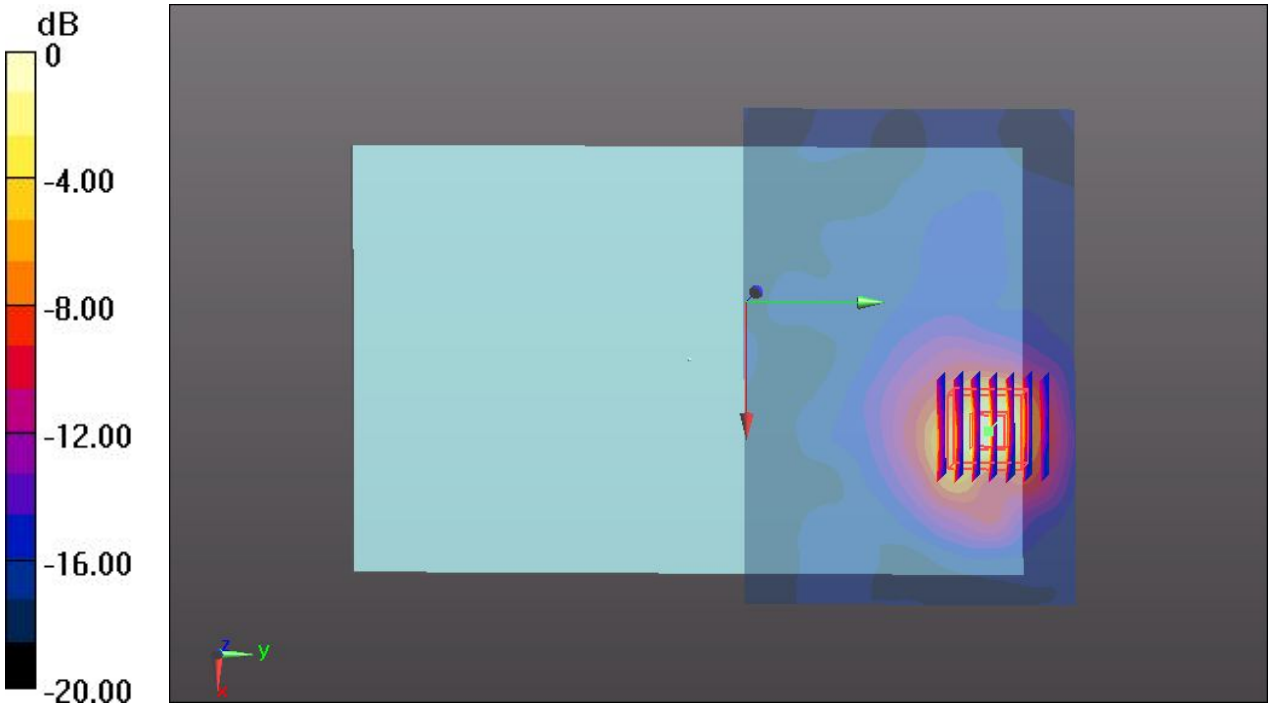
46 WLAN2.4GHz_802.11g_Bottom Face_0cm_Ch11

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1.121
Medium: MSL_2450_140224 Medium parameters used: f = 2462 MHz; σ = 1.964 S/m; ε_r = 51.623; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.07, 7.07, 7.07); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch11/Area Scan (121x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 2.38 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.114 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.05 W/kg
SAR(1 g) = 1.340 W/kg; SAR(10 g) = 0.544 W/kg
Maximum value of SAR (measured) = 2.24 W/kg



0 dB = 2.24 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.24

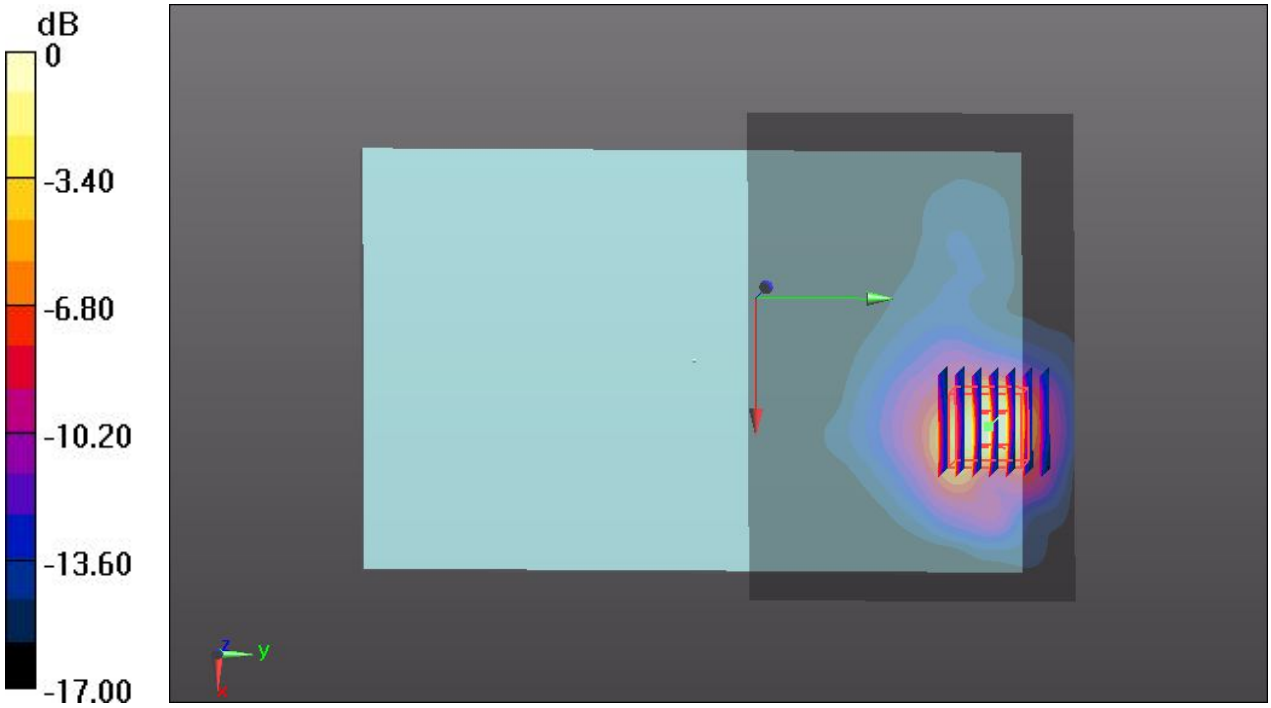
52 WLAN2.4GHz_802.11g_Bottom Face_0cm_Ch11_Repeat SAR

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1.121
Medium: MSL_2450_140224 Medium parameters used: f = 2462 MHz; σ = 1.964 S/m; ε_r = 51.623; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.07, 7.07, 7.07); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch11/Area Scan (121x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 2.34 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.112 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.94 W/kg
SAR(1 g) = 1.320 W/kg; SAR(10 g) = 0.536 W/kg
Maximum value of SAR (measured) = 2.17 W/kg



0 dB = 2.17 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.24

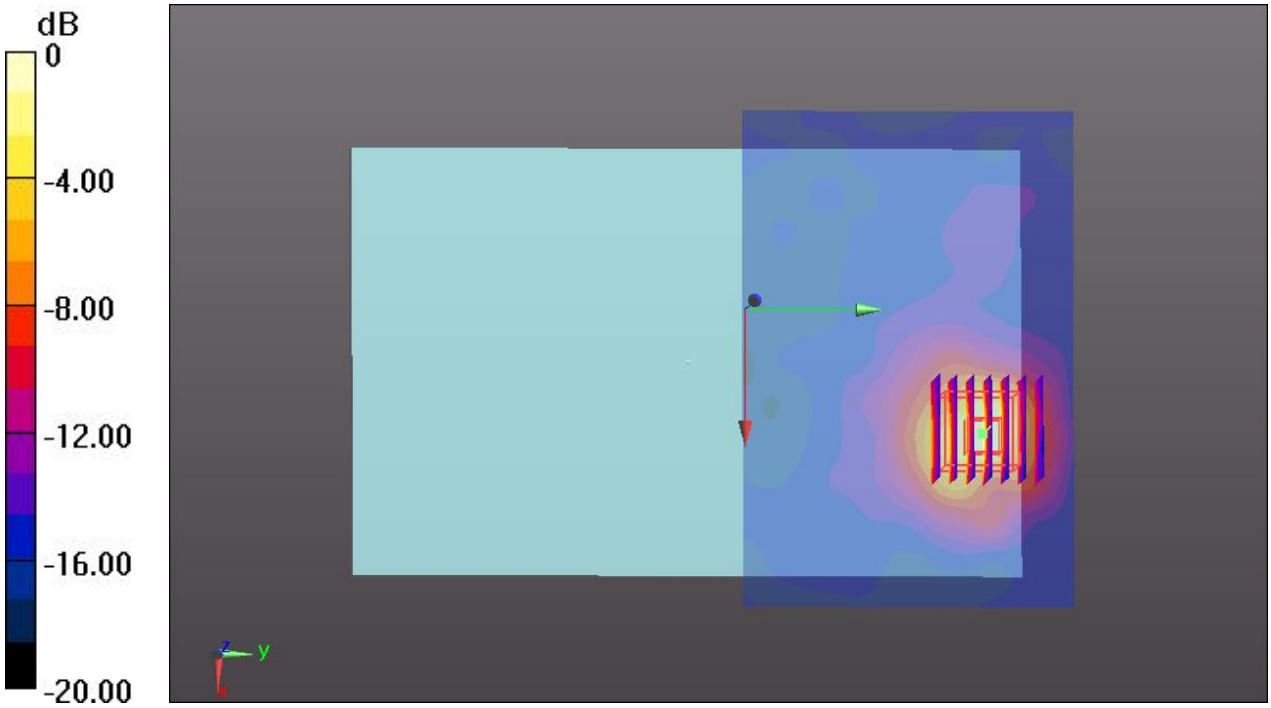
47 WLAN2.4GHz_802.11g_Bottom Face_0cm_Ch1

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz;Duty Cycle: 1:1.121
Medium: MSL_2450_140224 Medium parameters used: f = 2412 MHz; σ = 1.899 S/m; ε_r = 51.803; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.07, 7.07, 7.07); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch1/Area Scan (121x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.78 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.950 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 0.972 W/kg; SAR(10 g) = 0.406 W/kg
Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.57 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.24

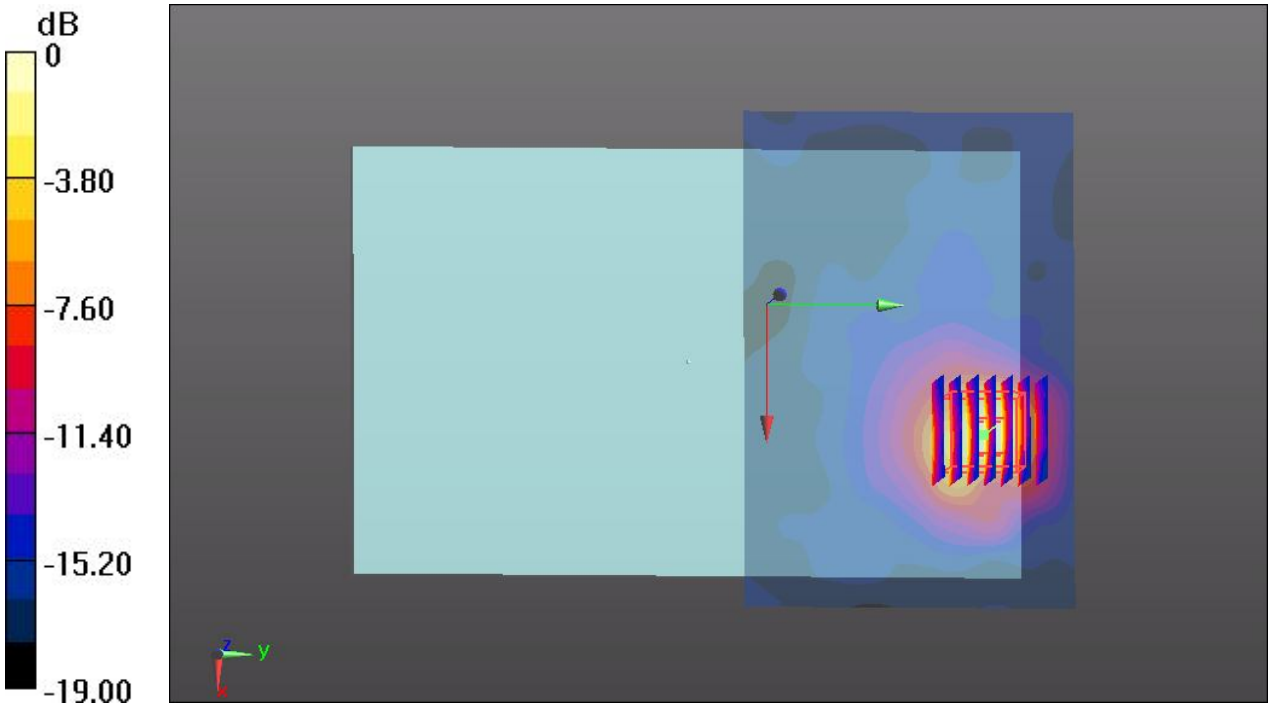
48 WLAN2.4GHz_802.11g_Bottom Face_0cm_Ch6

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1.121
Medium: MSL_2450_140224 Medium parameters used: f = 2437 MHz; σ = 1.931 S/m; ε_r = 51.715; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.07, 7.07, 7.07); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch6/Area Scan (121x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 2.19 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.161 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 2.71 W/kg
SAR(1 g) = 1.220 W/kg; SAR(10 g) = 0.507 W/kg
Maximum value of SAR (measured) = 1.96 W/kg



0 dB = 1.96 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.24

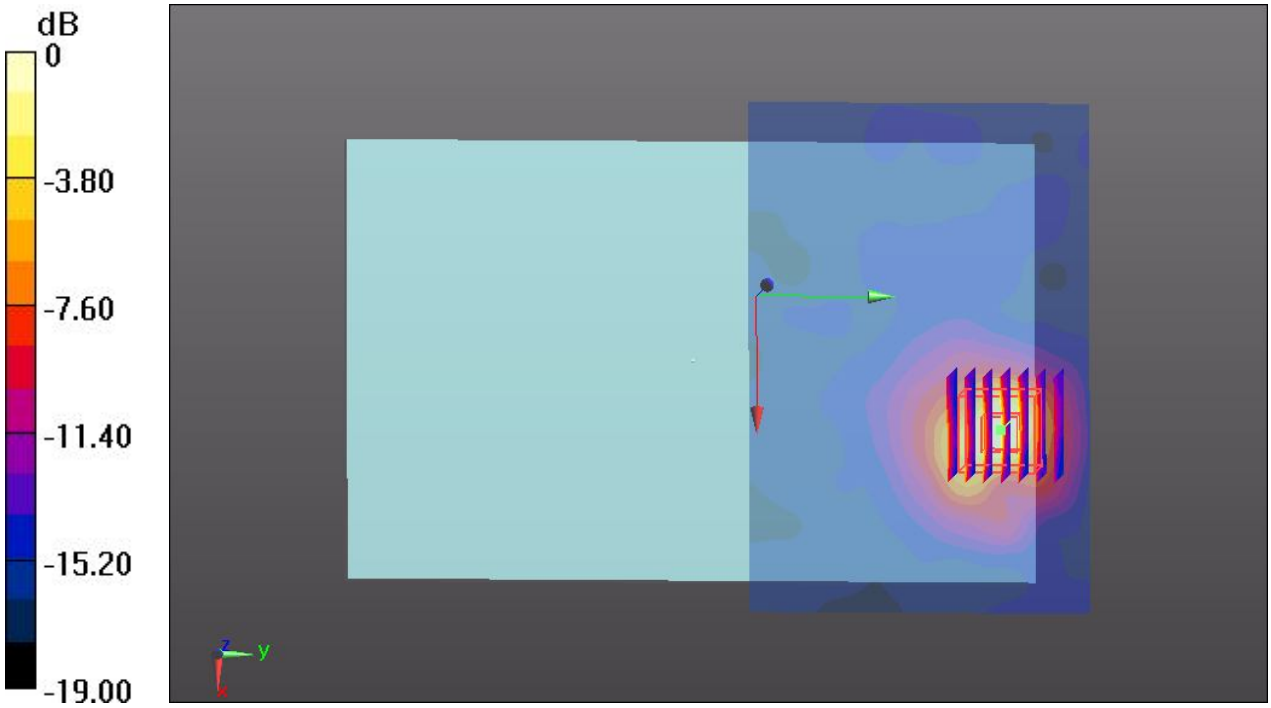
49 WLAN2.4GHz_802.11n-HT20_Bottom Face_0cm_Ch11

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1.123
Medium: MSL_2450_140224 Medium parameters used: f = 2462 MHz; σ = 1.964 S/m; ε_r = 51.623; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.07, 7.07, 7.07); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch11/Area Scan (121x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.95 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.724 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.46 W/kg
SAR(1 g) = 1.070 W/kg; SAR(10 g) = 0.440 W/kg
Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.74 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.24

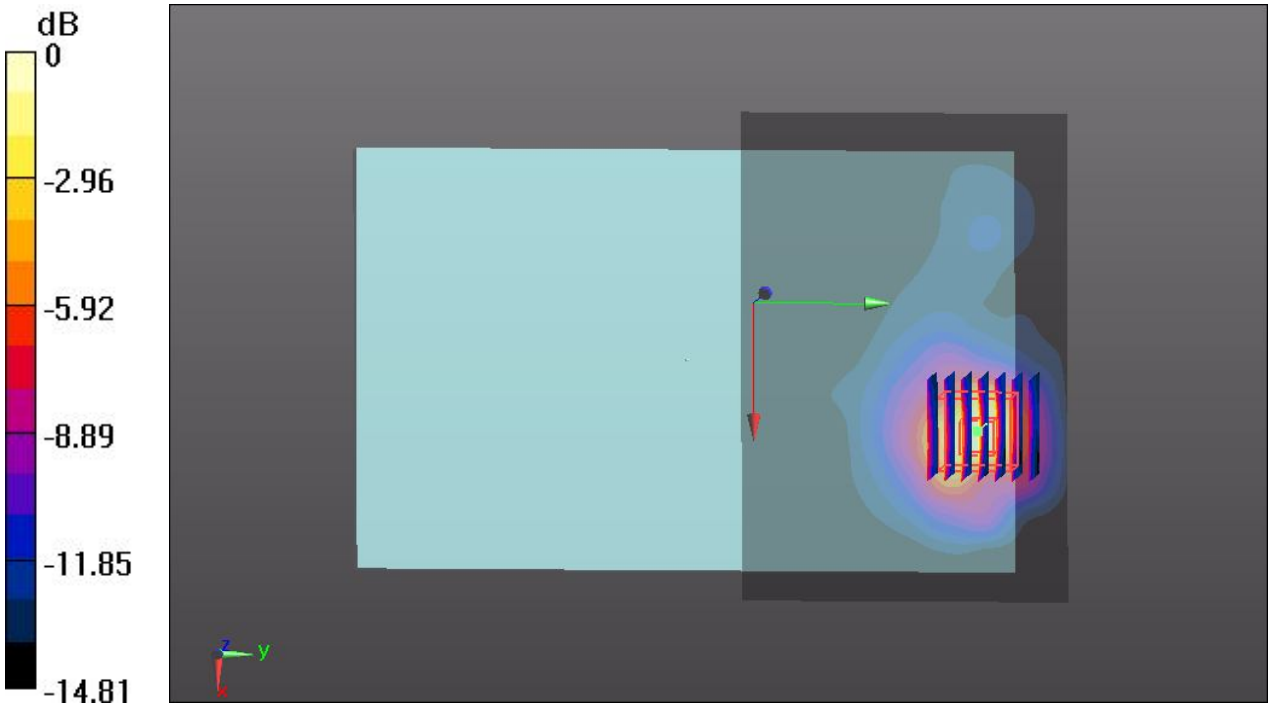
50 WLAN2.4GHz_802.11n-HT20_Bottom Face_0cm_Ch1

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz;Duty Cycle: 1:1.123
Medium: MSL_2450_140224 Medium parameters used: f = 2412 MHz; σ = 1.899 S/m; ε_r = 51.803; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.07, 7.07, 7.07); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch1/Area Scan (121x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.33 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.056 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.321 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.24

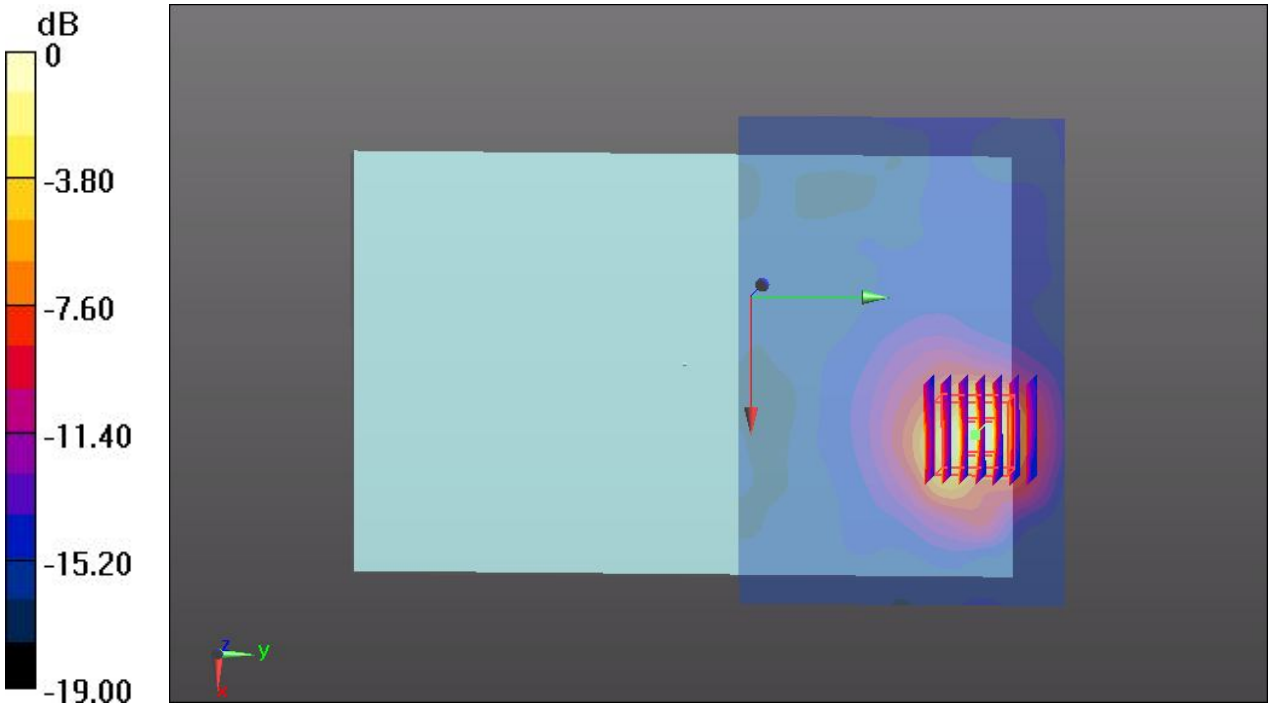
51 WLAN2.4GHz_802.11n-HT20_Bottom Face_0cm_Ch6

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1.123
Medium: MSL_2450_140224 Medium parameters used: f = 2437 MHz; σ = 1.931 S/m; ε_r = 51.715; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.07, 7.07, 7.07); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch6/Area Scan (121x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.76 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.337 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.16 W/kg
SAR(1 g) = 0.965 W/kg; SAR(10 g) = 0.400 W/kg
Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.24

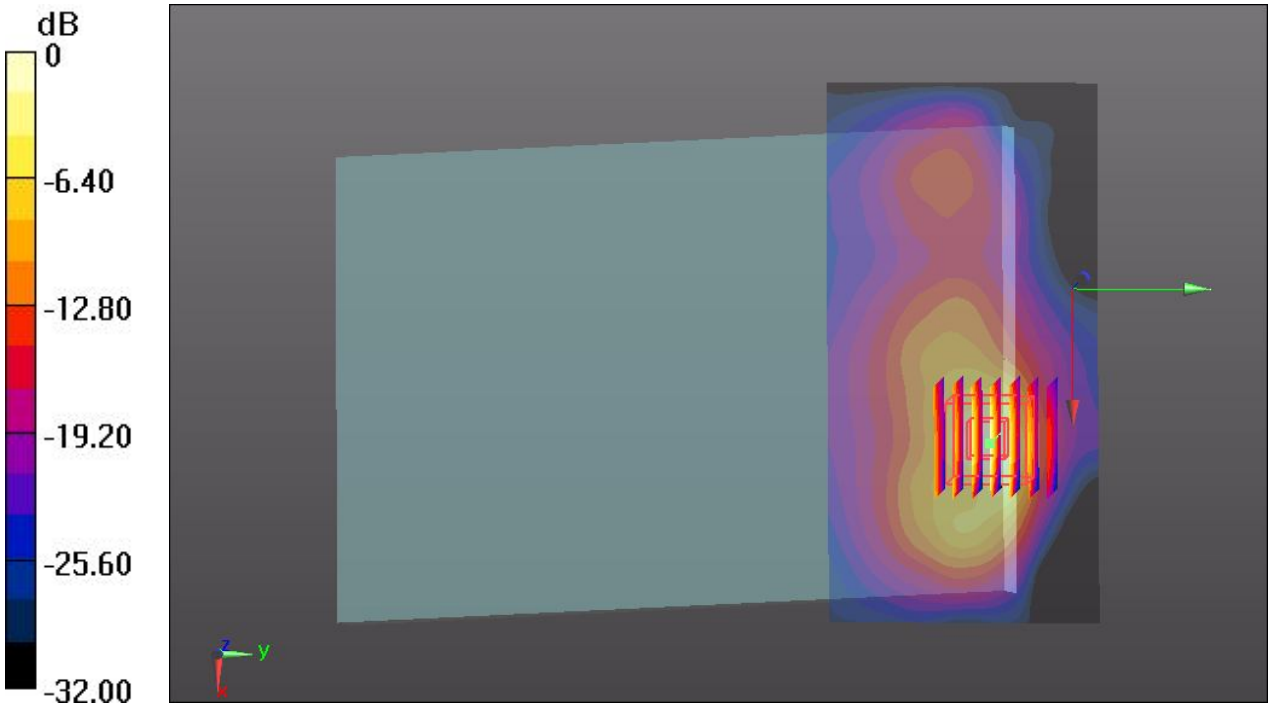
53 WLAN2.4GHz_802.11g_Edge1_Curve Face tilted 25 Degree_0cm_Ch11

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1.121
Medium: MSL_2450_140224 Medium parameters used: f = 2462 MHz; σ = 1.964 S/m; ε_r = 51.623; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.07, 7.07, 7.07); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch11/Area Scan (121x61x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.55 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.441 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.37 W/kg
SAR(1 g) = 0.939 W/kg; SAR(10 g) = 0.338 W/kg
Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.24

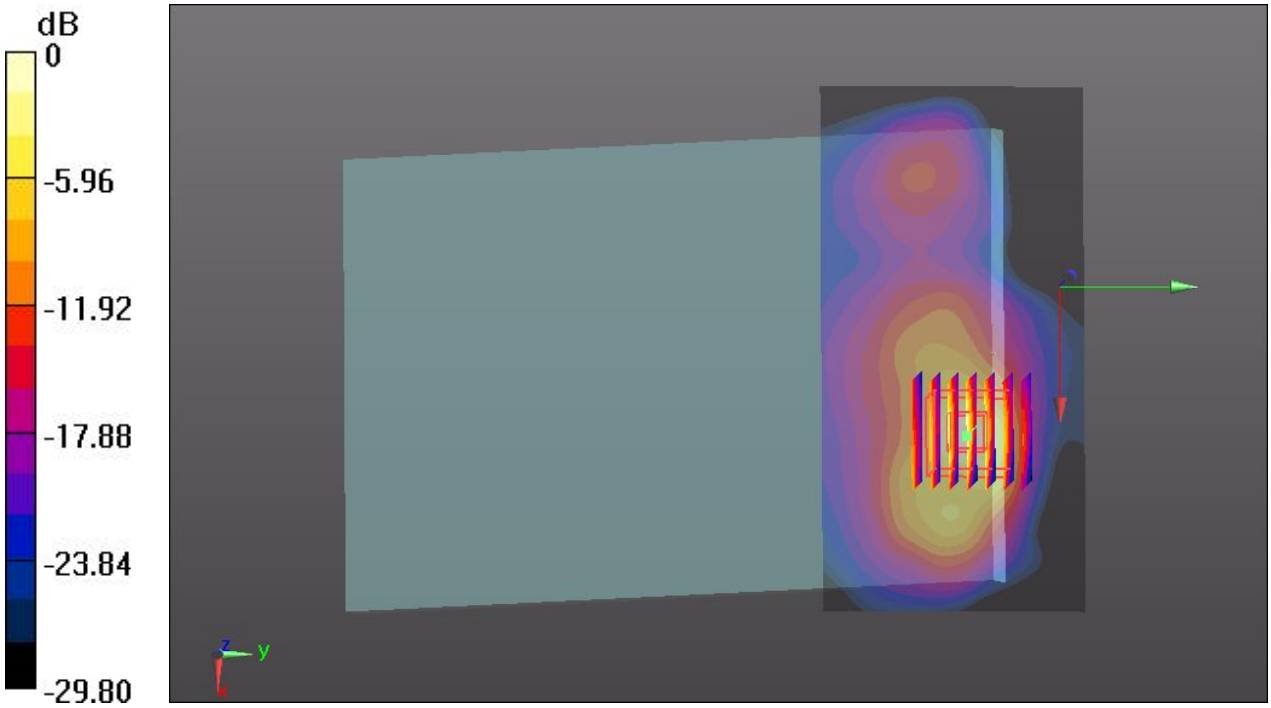
54 WLAN2.4GHz_802.11g_Edge1_Curve Face tilted 25 Degree_0cm_Ch1

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz;Duty Cycle: 1:1.121
Medium: MSL_2450_140224 Medium parameters used: f = 2412 MHz; σ = 1.899 S/m; ε_r = 51.803; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.07, 7.07, 7.07); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch1/Area Scan (121x61x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.623 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 0.804 W/kg; SAR(10 g) = 0.291 W/kg
Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.02.24

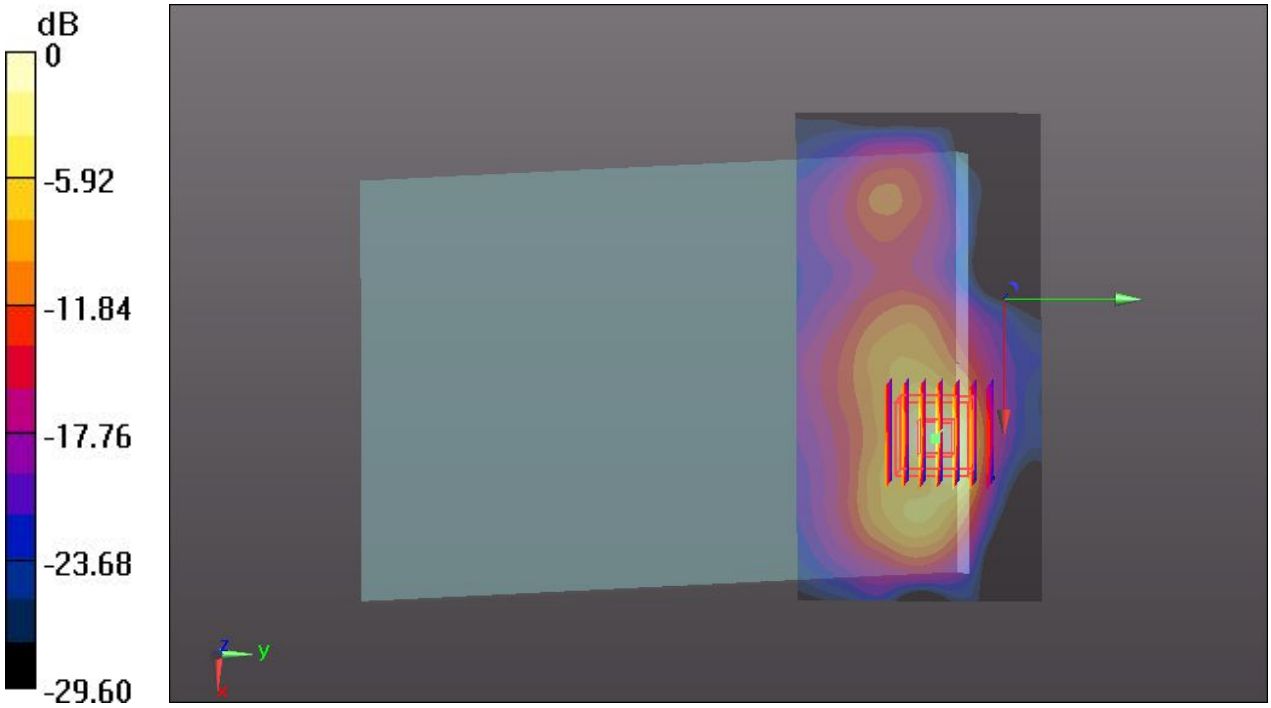
55 WLAN2.4GHz_802.11g_Edge1_Curve Face tilted 25 Degree_0cm_Ch6

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1.121
Medium: MSL_2450_140224 Medium parameters used: f = 2437 MHz; σ = 1.931 S/m; ε_r = 51.715; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.07, 7.07, 7.07); Calibrated: 2013.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2013.11.22
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch6/Area Scan (121x61x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.970 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.185 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.249 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg