Appendix A. Plots of System Performance Check

The plots are shown as follows.

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

System Check_Head_835MHz_131006

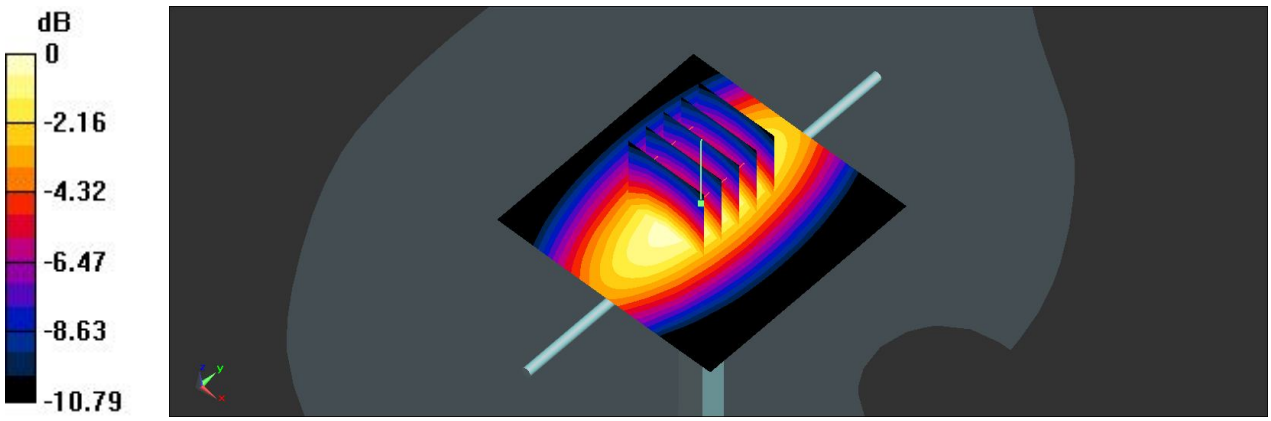
DUT: D835V2-SN:4d151

Communication System: CW;Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_131006 Medium parameters used: f = 835 MHz; σ = 0.919 S/m; ε_r = 41.524; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.90 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.875 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.41 W/kg
SAR(1 g) = 2.28 W/kg; SAR(10 g) = 1.5 W/kg
Maximum value of SAR (measured) = 2.90 W/kg



0 dB = 2.90 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

System Check_Head_1900MHz_131006

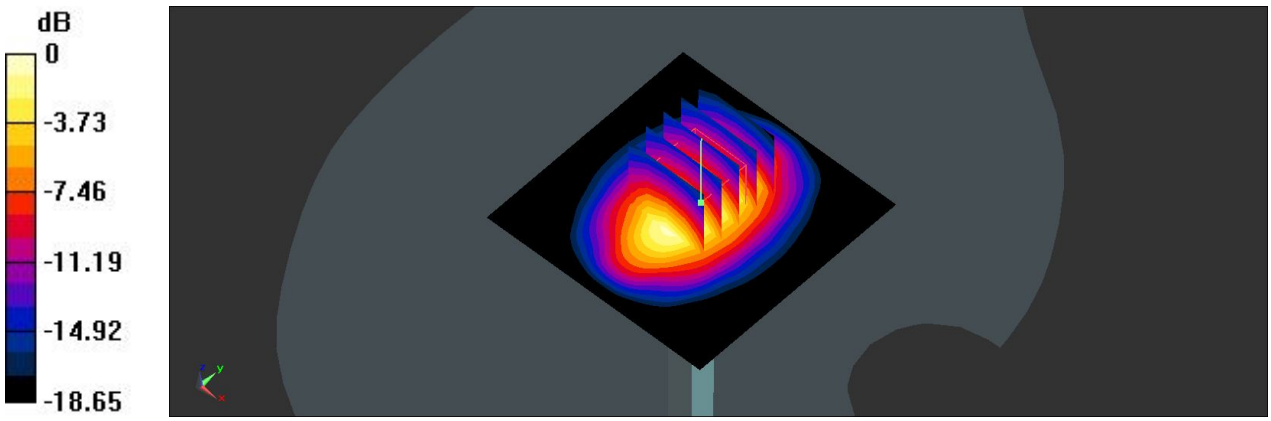
DUT: D1900V2-SN:5d170

Communication System: CW;Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131006 Medium parameters used: f = 1900 MHz; σ = 1.412 S/m; ε_r = 39.311; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 14.4 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 101.2 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 18.0 W/kg
SAR(1 g) = 9.84 W/kg; SAR(10 g) = 5.12 W/kg
Maximum value of SAR (measured) = 13.9 W/kg



0 dB = 13.9 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

System Check_Head_2450MHz_131006

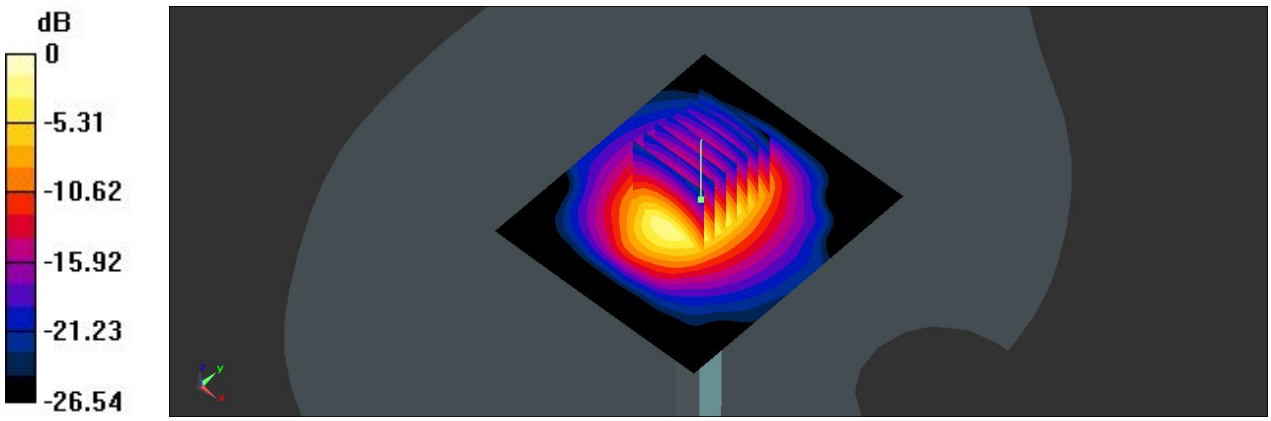
DUT: D2450V2-SN:908

Communication System: CW;Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_131006 Medium parameters used: f = 2450 MHz; σ = 1.809 S/m; ε_r = 37.604; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 21.0 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 102.6 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 28.5 W/kg
SAR(1 g) = 13.1 W/kg; SAR(10 g) = 5.9 W/kg
Maximum value of SAR (measured) = 20.2 W/kg



0 dB = 20.2 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

System Check_Body_835MHz_131005

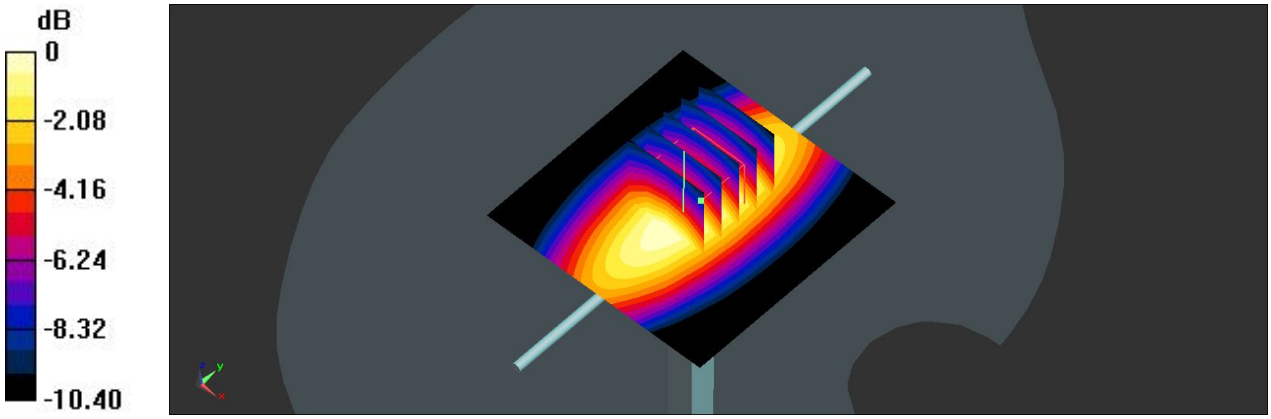
DUT: D835V2-SN:4d151

Communication System: CW;Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_131005 Medium parameters used: f = 835 MHz; σ = 0.973 S/m; ε_r = 54.082; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.87 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.000 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 3.36 W/kg
SAR(1 g) = 2.3 W/kg; SAR(10 g) = 1.52 W/kg
Maximum value of SAR (measured) = 2.87 W/kg



0 dB = 2.87 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

System Check_Body_1900MHz_131005

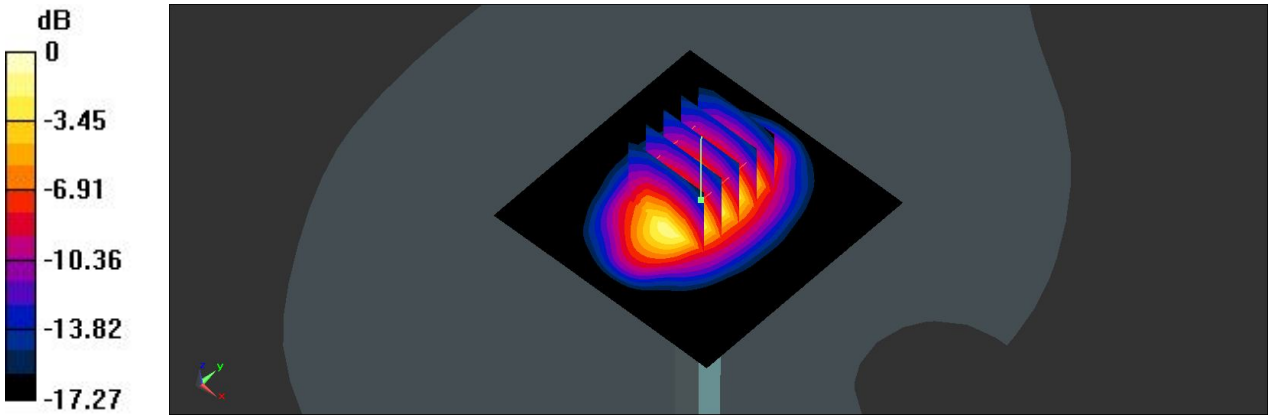
DUT: D1900V2-SN:5d170

Communication System: CW;Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131005 Medium parameters used: f = 1900 MHz; σ = 1.531 S/m; ε_r = 54.671; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 13.9 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 95.431 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 17.4 W/kg
SAR(1 g) = 9.93 W/kg; SAR(10 g) = 5.25 W/kg
Maximum value of SAR (measured) = 14.0 W/kg



0 dB = 14.0 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

System Check_Body_2450MHz_131006

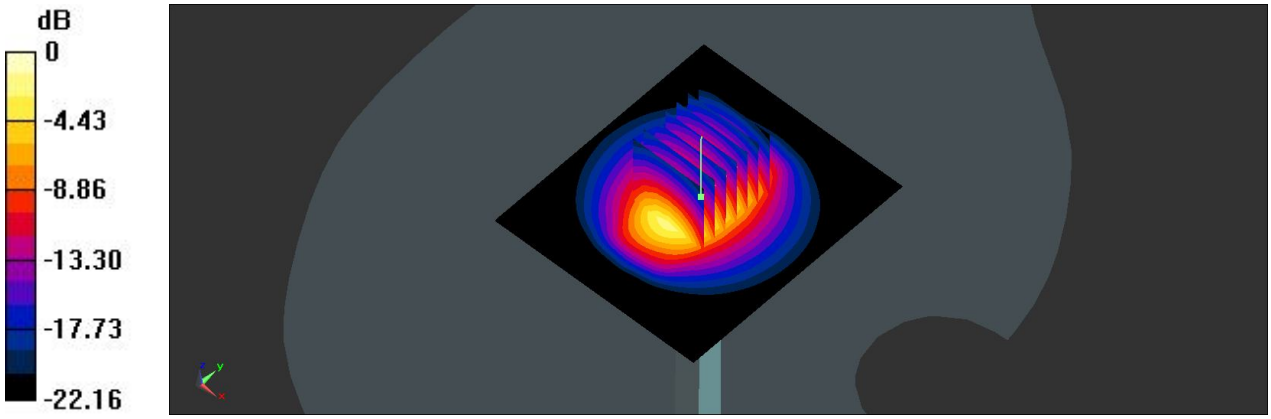
DUT: D2450V2-SN:908

Communication System: CW;Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_131006 Medium parameters used: f = 2450 MHz; σ = 1.92 S/m; ε_r = 51.136; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.34, 7.34, 7.34); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 18.9 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 98.577 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 24.8 W/kg
SAR(1 g) = 12.1 W/kg; SAR(10 g) = 5.59 W/kg
Maximum value of SAR (measured) = 18.3 W/kg



0 dB = 18.3 W/kg

Appendix B. Plots of SAR Measurement

The plots are shown as follows.

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

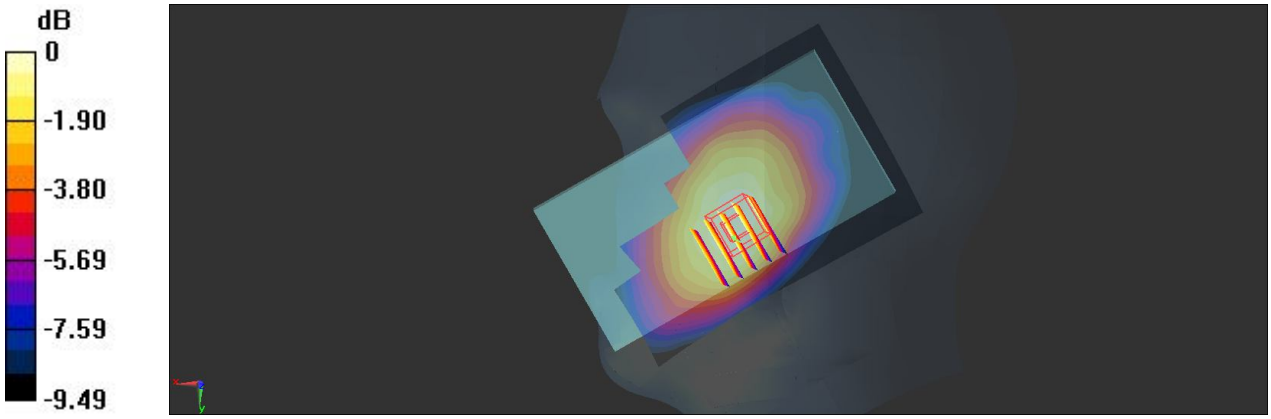
45 GSM850_GSM Voice_Right Cheek_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_131006 Medium parameters used: f = 824.2 MHz; σ = 0.909 S/m; ε_r = 41.626; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.370 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.642 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.405 W/kg
SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.261 W/kg
Maximum value of SAR (measured) = 0.368 W/kg



0 dB = 0.368 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

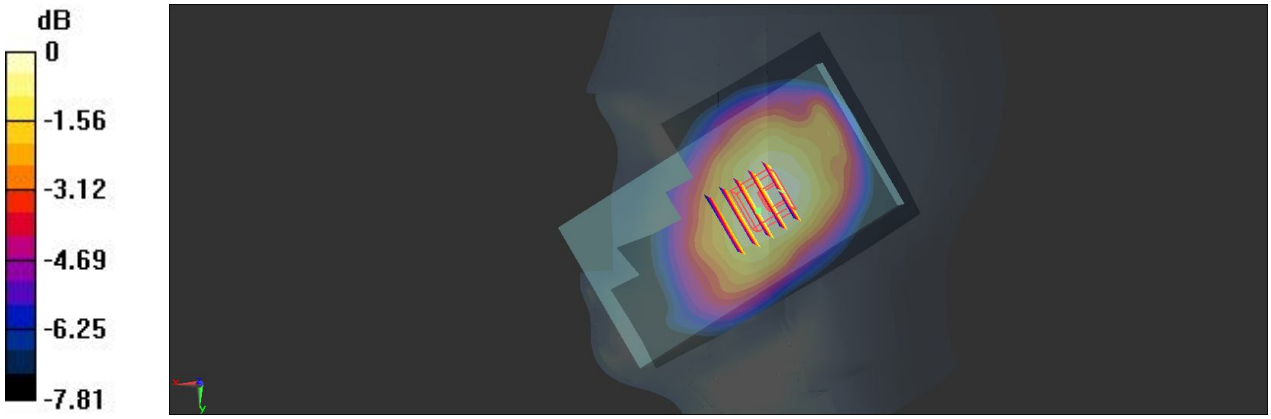
46 GSM850_GSM Voice_Right Tilted_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_131006 Medium parameters used: f = 824.2 MHz; σ = 0.909 S/m; ε_r = 41.626; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.198 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.997 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.220 W/kg
SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.147 W/kg
Maximum value of SAR (measured) = 0.205 W/kg



0 dB = 0.205 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

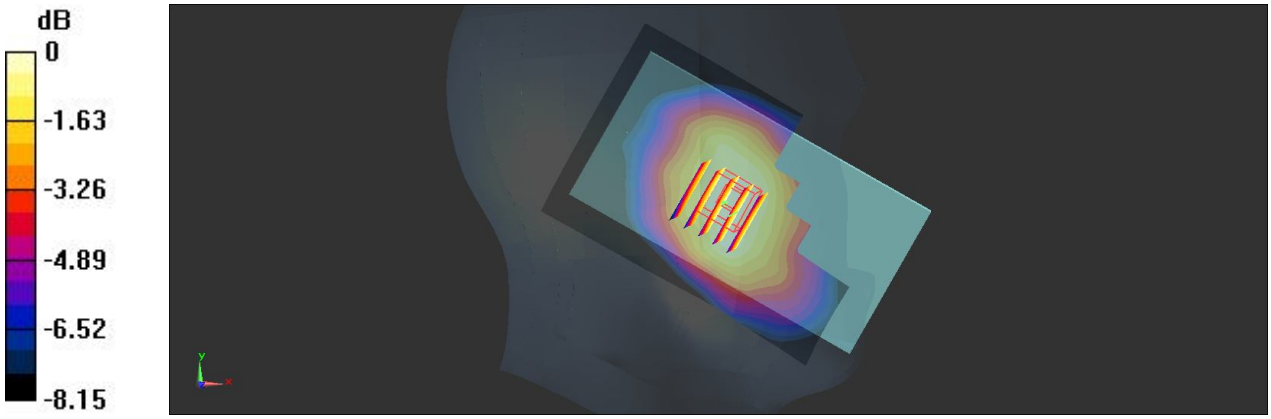
47 GSM850_GSM Voice_Left Cheek_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_131006 Medium parameters used: f = 824.2 MHz; σ = 0.909 S/m; ε_r = 41.626; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.355 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.646 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.388 W/kg
SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.264 W/kg
Maximum value of SAR (measured) = 0.354 W/kg



0 dB = 0.354 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

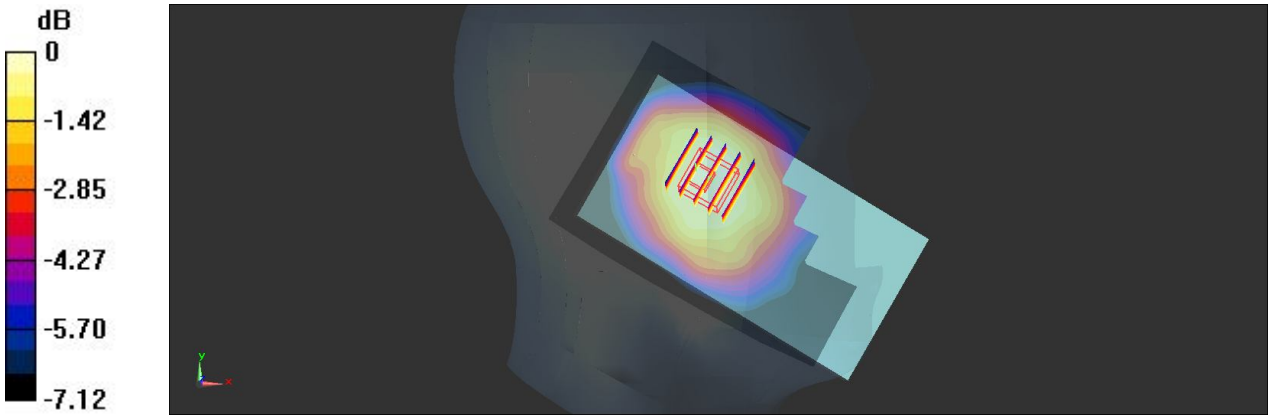
48 GSM850_GSM Voice_Left Tilted_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_131006 Medium parameters used: f = 824.2 MHz; σ = 0.909 S/m; ε_r = 41.626; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.220 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.170 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.161 W/kg
Maximum value of SAR (measured) = 0.218 W/kg



0 dB = 0.218 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

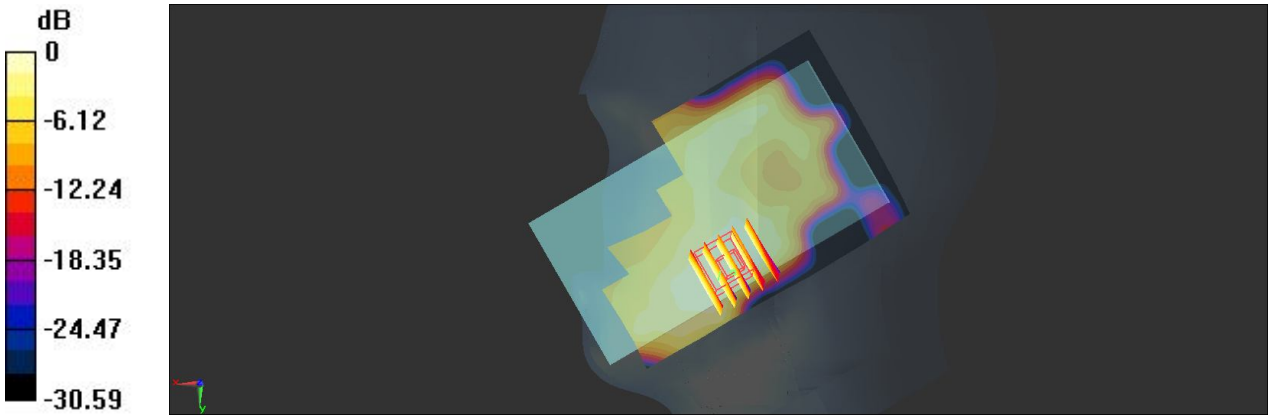
37 GSM1900_GSM Voice_Right Cheek_Ch810

Communication System: GSM Voice;Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_131006 Medium parameters used: f = 1910 MHz; σ = 1.422 S/m; ε_r = 39.308; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch810/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.124 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.967 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.0942 W/kg



0 dB = 0.0942 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

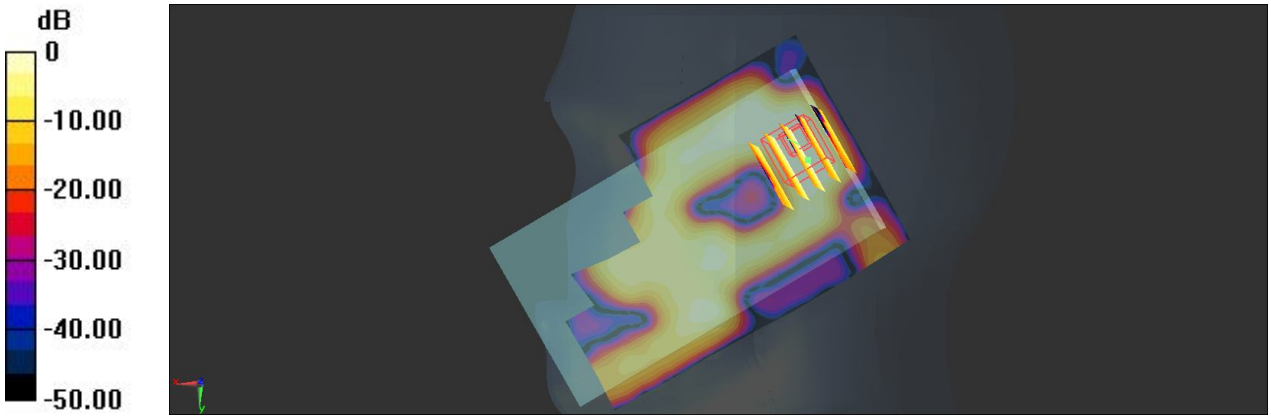
38 GSM1900_GSM Voice_Right Tilted_Ch810

Communication System: GSM Voice;Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_131006 Medium parameters used: f = 1910 MHz; σ = 1.422 S/m; ε_r = 39.308; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch810/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.126 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.417 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0790 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.022 W/kg
Maximum value of SAR (measured) = 0.0623 W/kg



0 dB = 0.0623 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

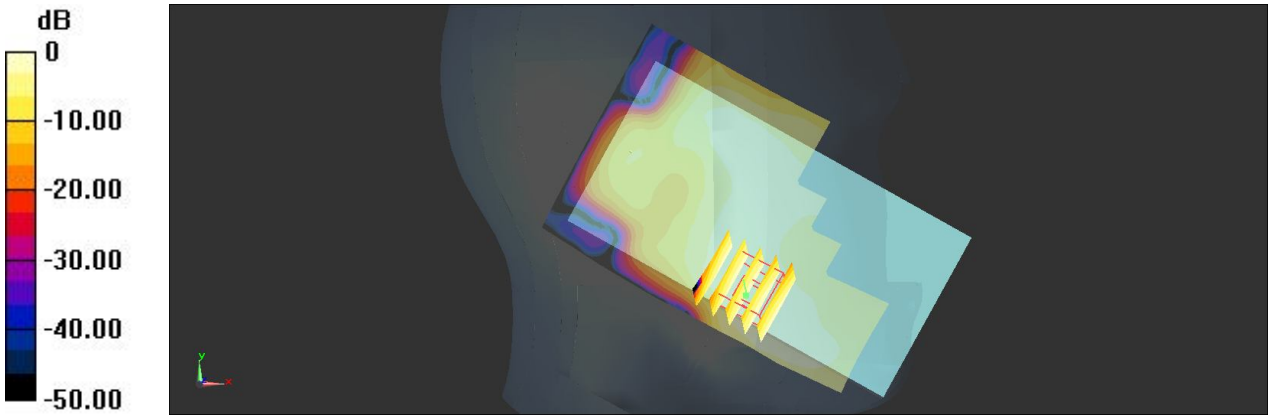
39 GSM1900_GSM Voice_Left Cheek_Ch810

Communication System: GSM Voice;Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_131006 Medium parameters used: f = 1910 MHz; σ = 1.422 S/m; ε_r = 39.308; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch810/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.103 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.270 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.110 W/kg
SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.0946 W/kg



0 dB = 0.0946 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

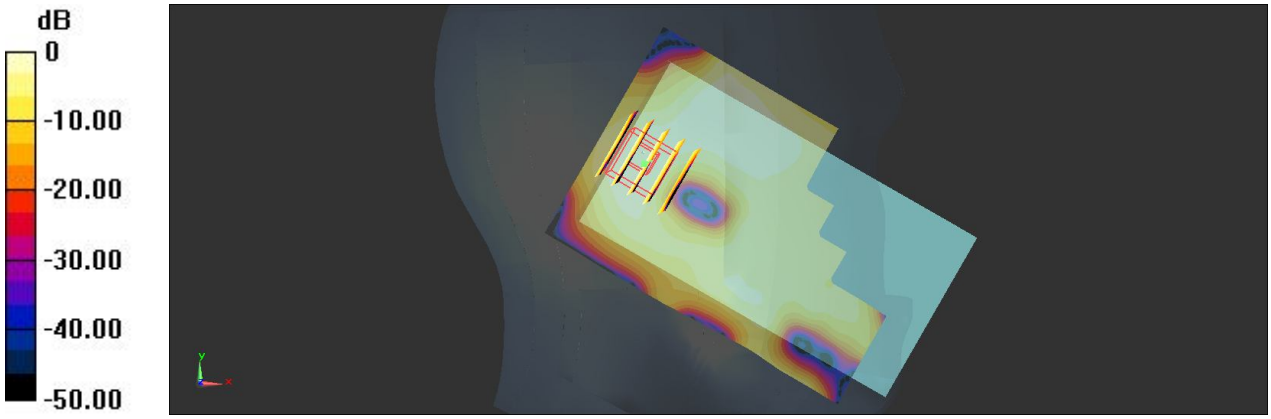
40 GSM1900_GSM Voice_Left Tilted_Ch810

Communication System: GSM Voice;Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_131006 Medium parameters used: f = 1910 MHz; σ = 1.422 S/m; ε_r = 39.308; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch810/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0573 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.502 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0630 W/kg
SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.021 W/kg
Maximum value of SAR (measured) = 0.0531 W/kg



0 dB = 0.0531 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

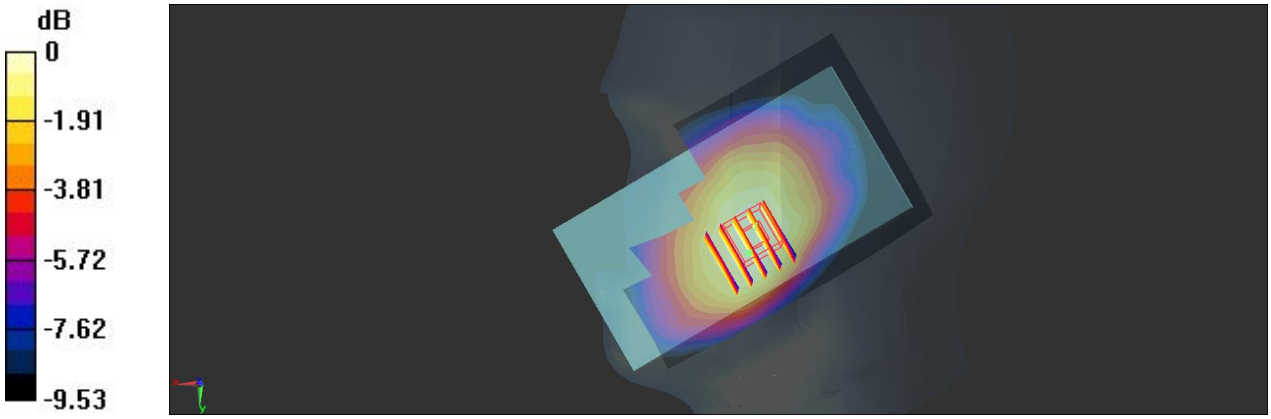
49 WCDMA Band V_RMC 12.2K_Right Cheek_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_131006 Medium parameters used: f = 836.5 MHz; σ = 0.92 S/m; ε_r = 41.511; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.326 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.204 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.343 W/kg
SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.227 W/kg
Maximum value of SAR (measured) = 0.319 W/kg



0 dB = 0.319 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

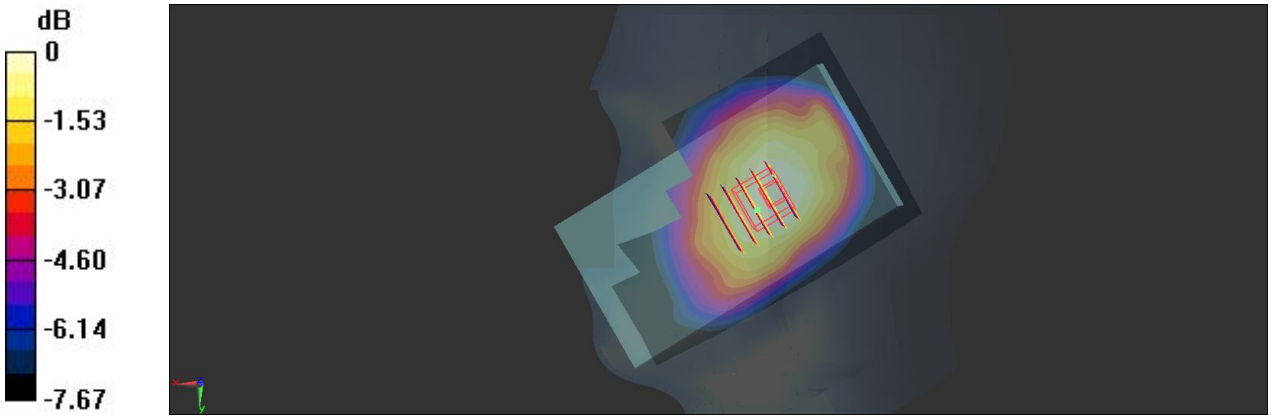
50 WCDMA Band V_RMC 12.2K_Right Tilted_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_131006 Medium parameters used: f = 836.5 MHz; σ = 0.92 S/m; ε_r = 41.511; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.161 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.187 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.175 W/kg
SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.117 W/kg
Maximum value of SAR (measured) = 0.163 W/kg



0 dB = 0.163 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

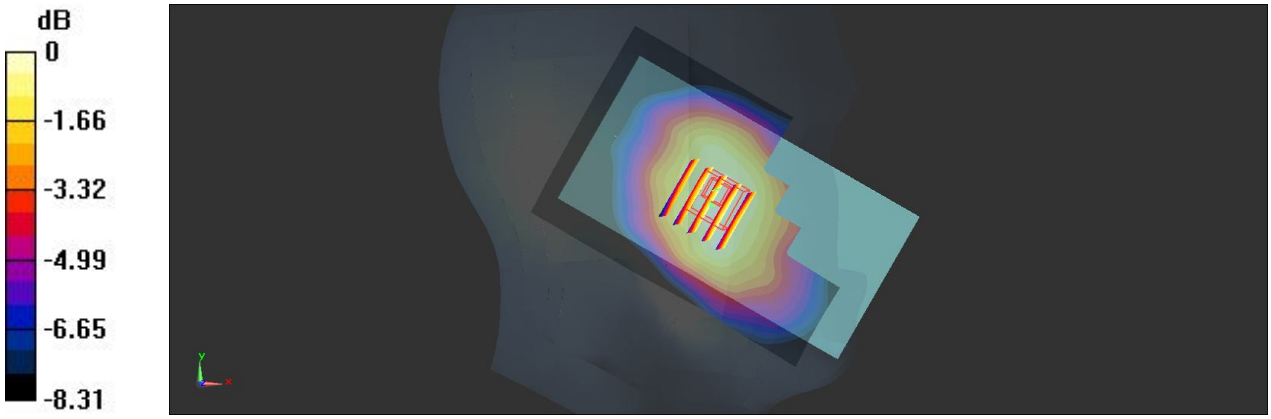
51 WCDMA Band V_RMC 12.2K_Left Cheek_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_131006 Medium parameters used: f = 836.5 MHz; σ = 0.92 S/m; ε_r = 41.511; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.309 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.171 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.226 W/kg
Maximum value of SAR (measured) = 0.307 W/kg



0 dB = 0.307 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

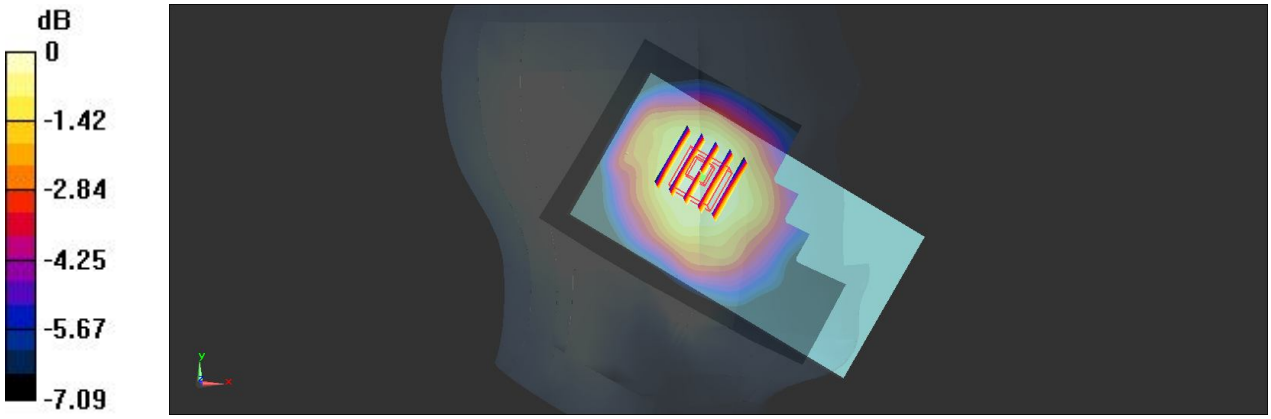
52 WCDMA Band V_RMC 12.2K_Left Tilted_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_131006 Medium parameters used: f = 836.5 MHz; σ = 0.92 S/m; ε_r = 41.511; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.191 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.294 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.201 W/kg
SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.138 W/kg
Maximum value of SAR (measured) = 0.188 W/kg



0 dB = 0.188 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

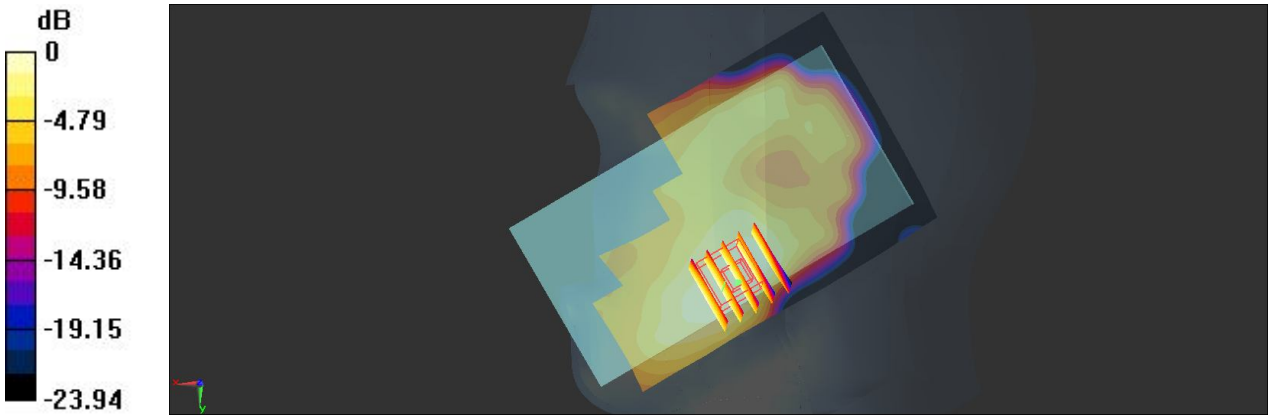
41 WCDMA Band II_RMC 12.2K_Right Cheek_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131006 Medium parameters used: f = 1852.4 MHz; σ = 1.353 S/m; ε_r = 39.378; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9262/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.199 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.881 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.203 W/kg
SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.091 W/kg
Maximum value of SAR (measured) = 0.174 W/kg



0 dB = 0.174 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

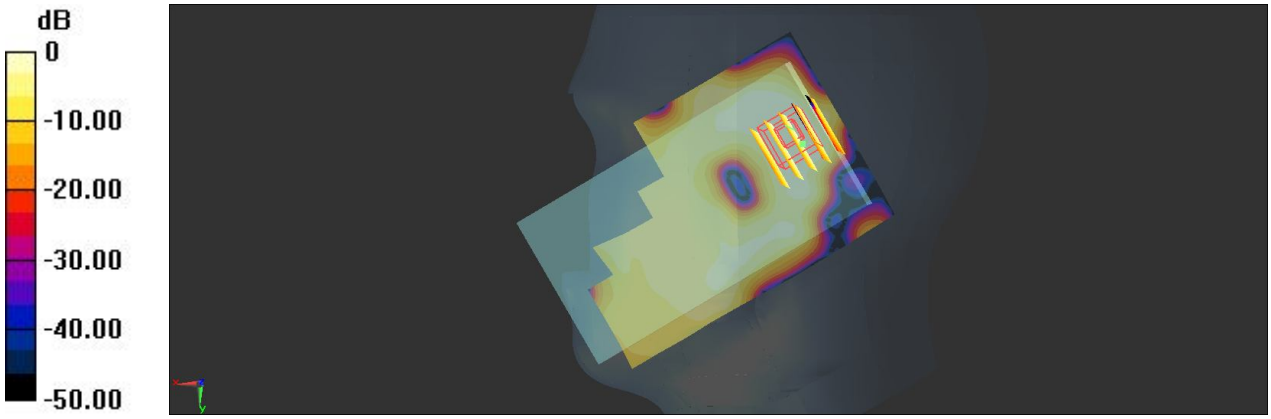
42 WCDMA Band II_RMC 12.2K_Right Tilted_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131006 Medium parameters used: f = 1852.4 MHz; σ = 1.353 S/m; ε_r = 39.378; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9262/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.126 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.251 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.124 W/kg
SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.044 W/kg
Maximum value of SAR (measured) = 0.105 W/kg



0 dB = 0.105 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

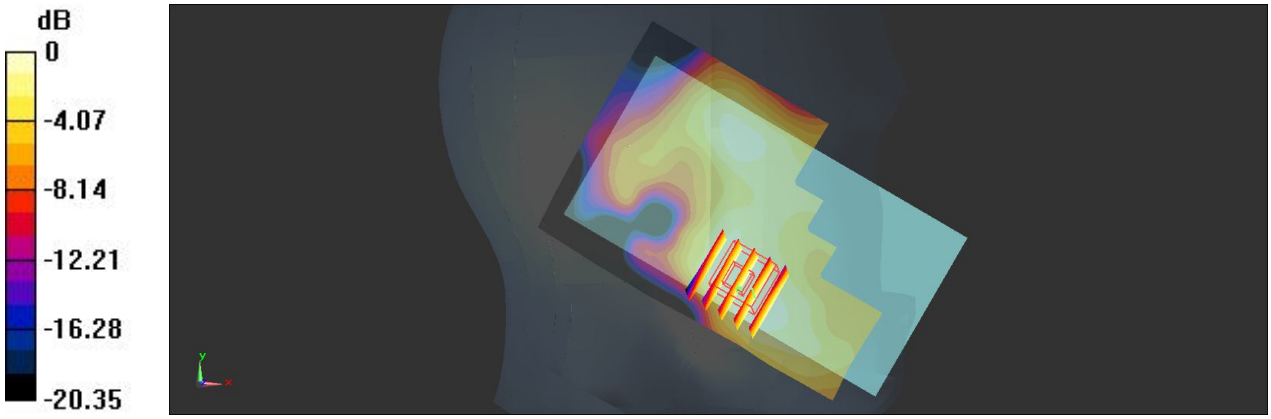
43 WCDMA Band II_RMC 12.2K_Left Cheek_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131006 Medium parameters used: f = 1852.4 MHz; σ = 1.353 S/m; ε_r = 39.378; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9262/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.147 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.650 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.154 W/kg
SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.075 W/kg
Maximum value of SAR (measured) = 0.136 W/kg



0 dB = 0.136 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

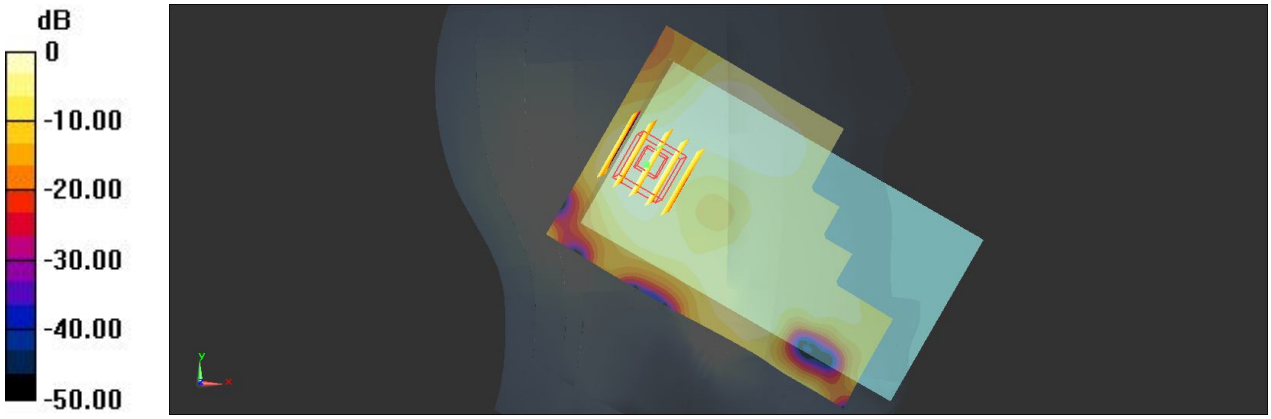
44 WCDMA Band II_RMC 12.2K_Left Tilted_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131006 Medium parameters used: f = 1852.4 MHz; σ = 1.353 S/m; ε_r = 39.378; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9262/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0880 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.157 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.040 W/kg
Maximum value of SAR (measured) = 0.0890 W/kg



0 dB = 0.0890 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

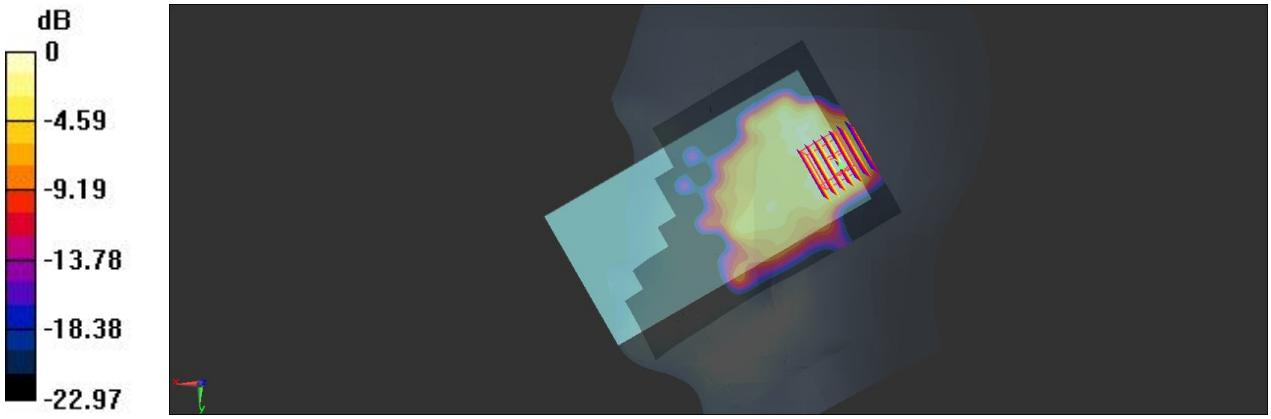
53 WLAN 2.4GHz_802.11b_Right Cheek_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_131006 Medium parameters used: f = 2412 MHz; σ = 1.768 S/m; ε_r = 37.788; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch1/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.217 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.284 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.260 W/kg
SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.072 W/kg
Maximum value of SAR (measured) = 0.214 W/kg



0 dB = 0.214 W/kg

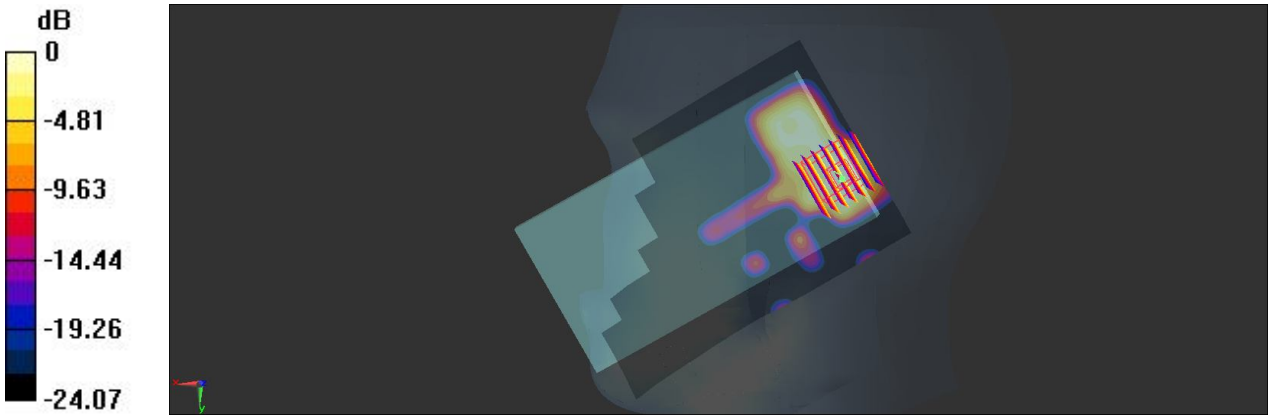
54 WLAN 2.4GHz_802.11b_Right Tilted_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_131006 Medium parameters used: f = 2412 MHz; σ = 1.768 S/m; ε_r = 37.788; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch1/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.229 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.270 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.284 W/kg
SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.070 W/kg
Maximum value of SAR (measured) = 0.224 W/kg



0 dB = 0.224 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

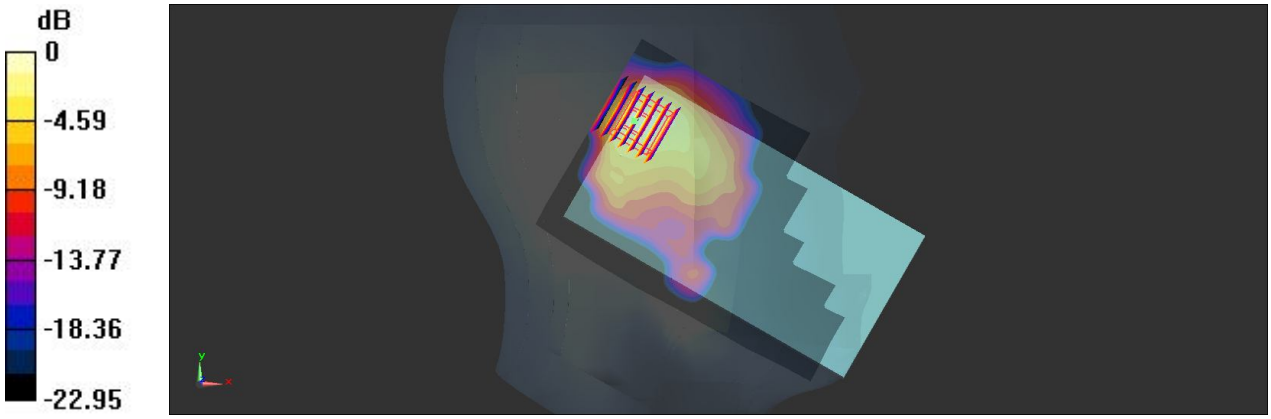
55 WLAN 2.4GHz_802.11b_Left Cheek_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_131006 Medium parameters used: f = 2412 MHz; σ = 1.768 S/m; ε_r = 37.788; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch1/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.416 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.086 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.660 W/kg
SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.142 W/kg
Maximum value of SAR (measured) = 0.484 W/kg



0 dB = 0.484 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

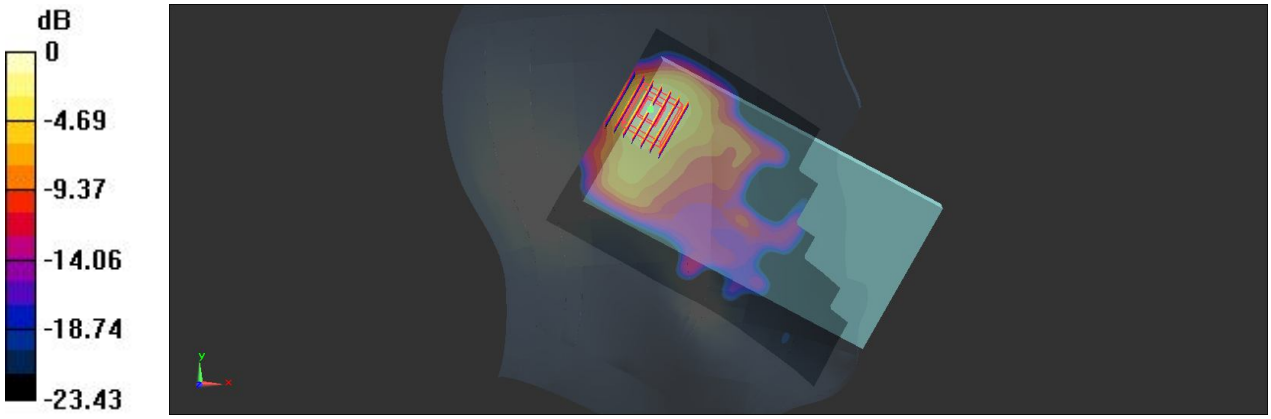
56 WLAN 2.4GHz_802.11b_Left Tilted_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_131006 Medium parameters used: f = 2412 MHz; σ = 1.768 S/m; ε_r = 37.788; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch1/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.358 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.355 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.520 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.114 W/kg
Maximum value of SAR (measured) = 0.372 W/kg



0 dB = 0.372 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

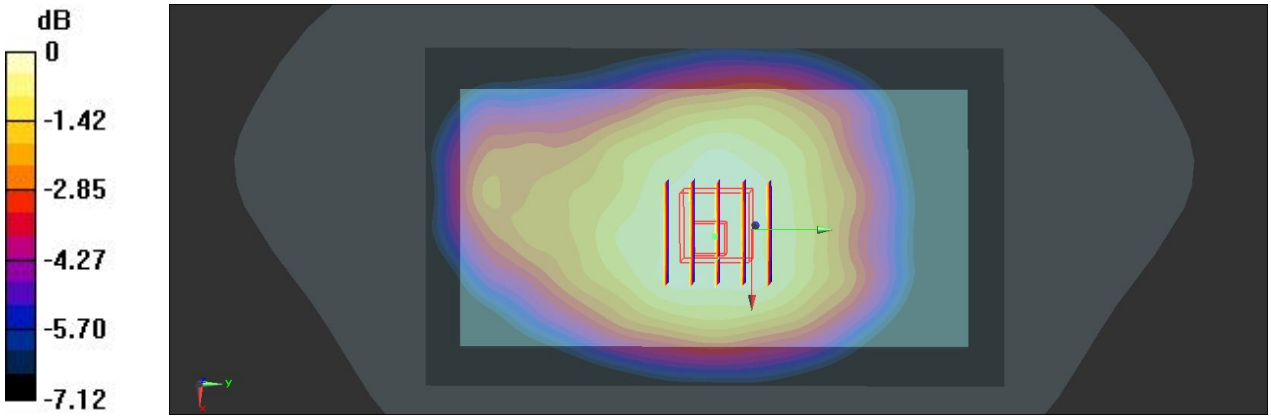
24 GSM850_GPRS (GMSK 4 Tx slots)_Front 1cm_Ch128

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_131005 Medium parameters used: f = 824.2 MHz; σ = 0.963 S/m; ε_r = 54.16; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.850 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.385 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.917 W/kg
SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.591 W/kg
Maximum value of SAR (measured) = 0.839 W/kg



0 dB = 0.839 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

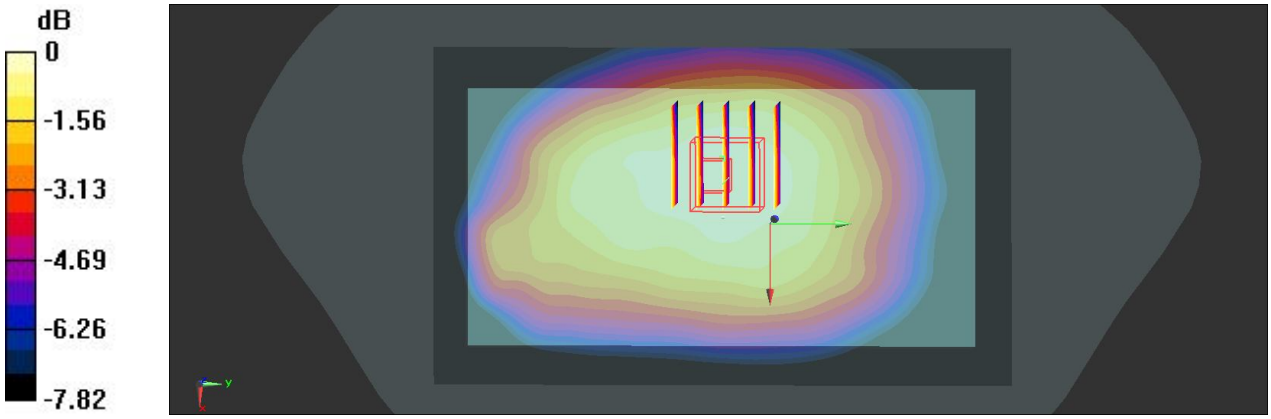
25 GSM850_GPRS (GMSK 4 Tx slots)_Back 1cm_Ch128

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_131005 Medium parameters used: f = 824.2 MHz; σ = 0.963 S/m; ε_r = 54.16; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.999 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.747 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.678 W/kg
Maximum value of SAR (measured) = 0.980 W/kg



0 dB = 0.980 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

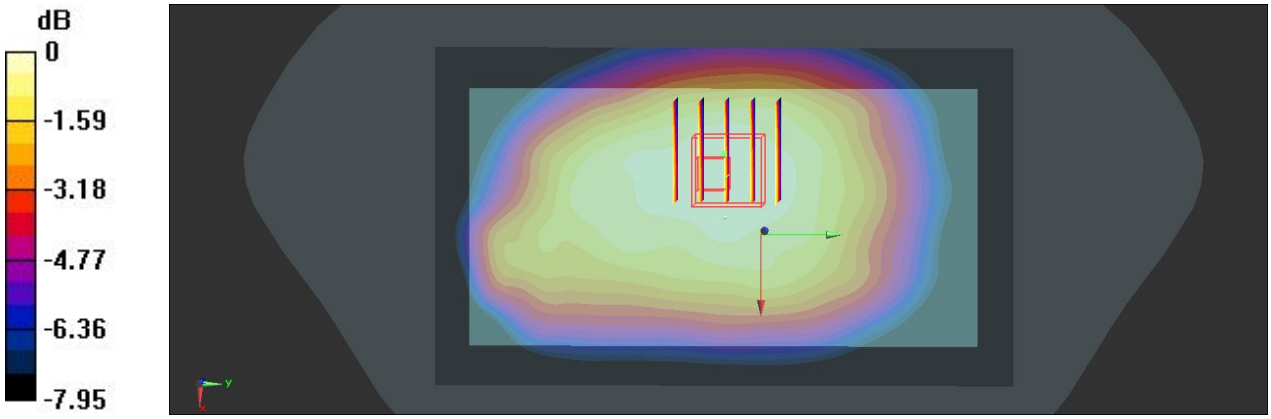
36 GSM850_GPRS (GMSK 4 Tx slots)_Back 1cm_Ch128_Repeat SAR

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_131005 Medium parameters used: f = 824.2 MHz; σ = 0.963 S/m; ε_r = 54.16; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.989 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.529 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.667 W/kg
Maximum value of SAR (measured) = 0.962 W/kg



0 dB = 0.962 W/kg

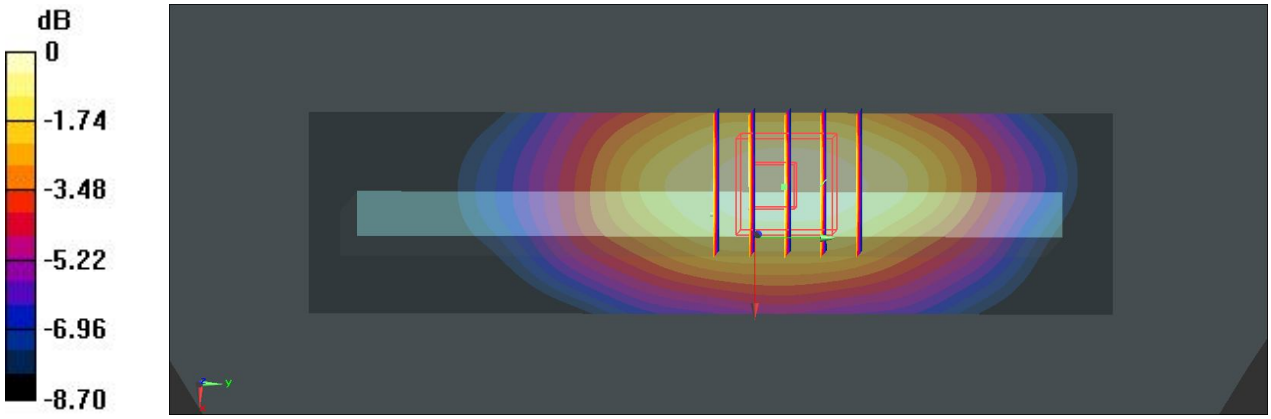
26 GSM850_GPRS (GMSK 4 Tx slots)_Left side 1cm_Ch128

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_131005 Medium parameters used: f = 824.2 MHz; σ = 0.963 S/m; ε_r = 54.16; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (31x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.690 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.418 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.764 W/kg
SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.405 W/kg
Maximum value of SAR (measured) = 0.671 W/kg



0 dB = 0.671 W/kg

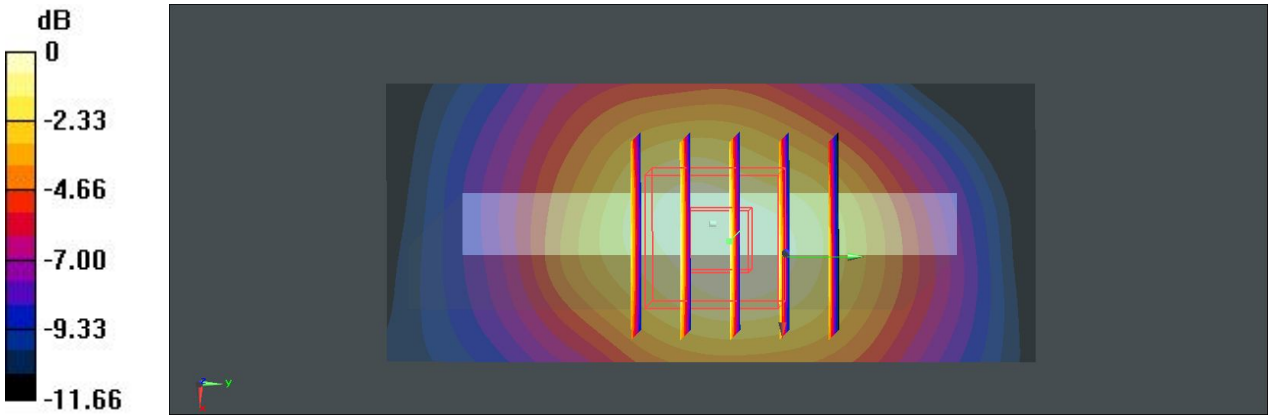
27 GSM850_GPRS (GMSK 4 Tx slots)_Bottom side 1cm_Ch128

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_131005 Medium parameters used: f = 824.2 MHz; σ = 0.963 S/m; ε_r = 54.16; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.545 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.458 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.648 W/kg
SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.286 W/kg
Maximum value of SAR (measured) = 0.536 W/kg



0 dB = 0.536 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

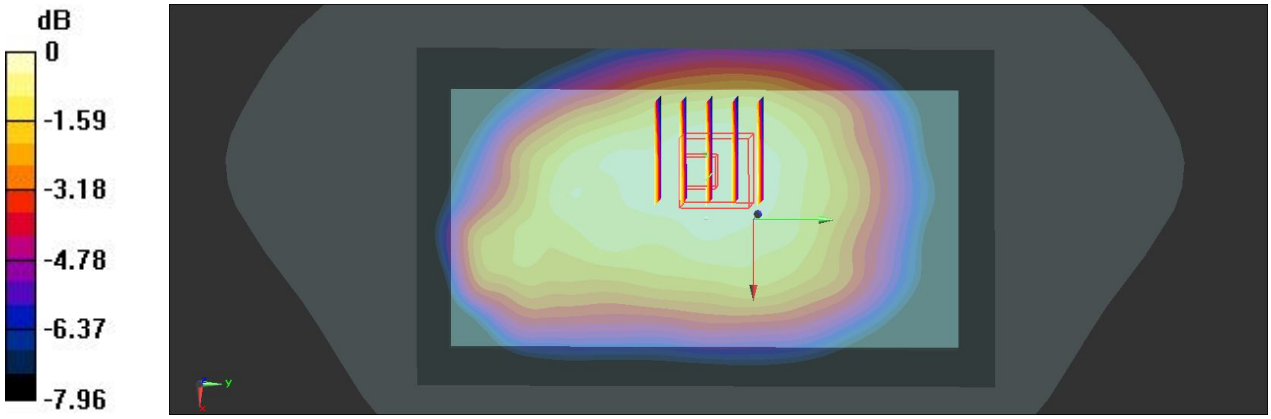
28 GSM850_GPRS (GMSK 4 Tx slots)_Back 1cm_Ch189

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_131005 Medium parameters used: f = 836.4 MHz; σ = 0.974 S/m; ε_r = 54.073; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch189/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.971 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.912 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.650 W/kg
Maximum value of SAR (measured) = 0.942 W/kg



0 dB = 0.942 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

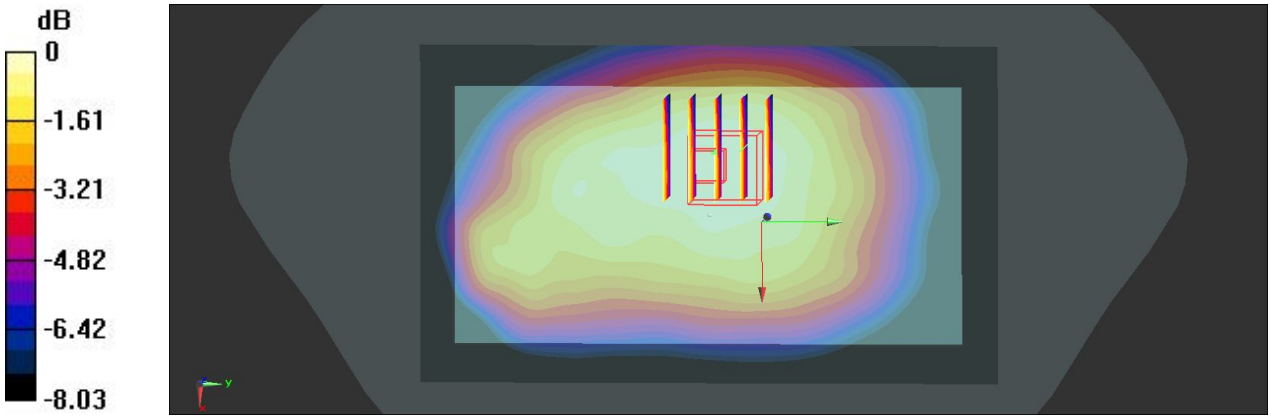
29 GSM850_GPRS (GMSK 4 Tx slots)_Back 1cm_Ch251

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_131005 Medium parameters used: f = 849 MHz; σ = 0.986 S/m; ε_r = 53.959; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.888 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.296 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.954 W/kg
SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.590 W/kg
Maximum value of SAR (measured) = 0.864 W/kg



0 dB = 0.864 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

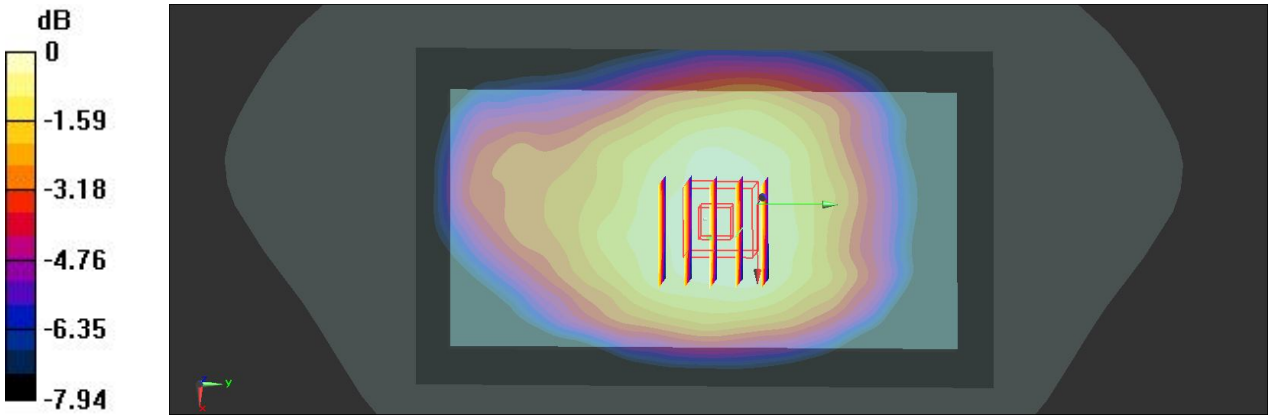
30 GSM850_GSM Voice_Front 1cm_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_131005 Medium parameters used: f = 824.2 MHz; σ = 0.963 S/m; ε_r = 54.16; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.440 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.823 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.486 W/kg
SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.309 W/kg
Maximum value of SAR (measured) = 0.443 W/kg



0 dB = 0.443 W/kg

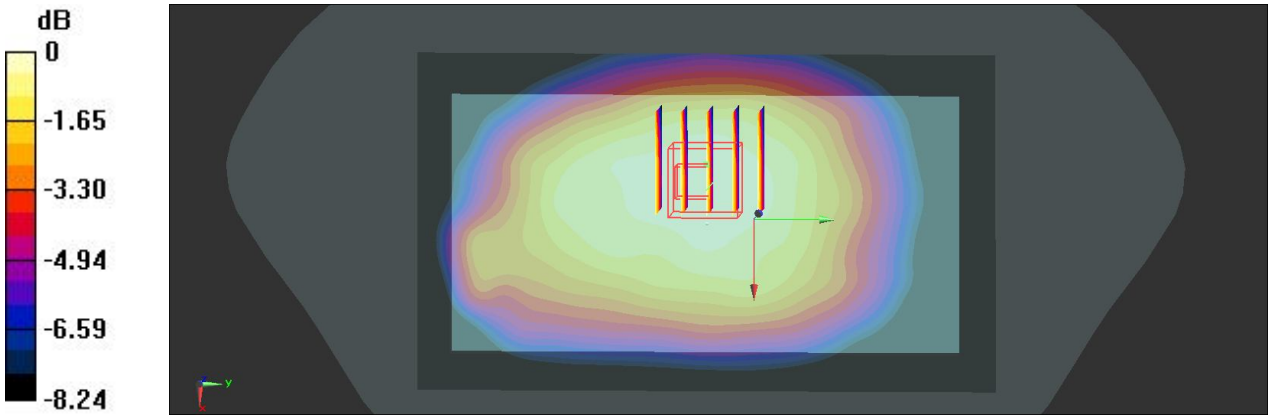
31 GSM850_GSM Voice_Back 1cm_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_131005 Medium parameters used: f = 824.2 MHz; σ = 0.963 S/m; ε_r = 54.16; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.550 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.409 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.590 W/kg
SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.371 W/kg
Maximum value of SAR (measured) = 0.540 W/kg



0 dB = 0.540 W/kg

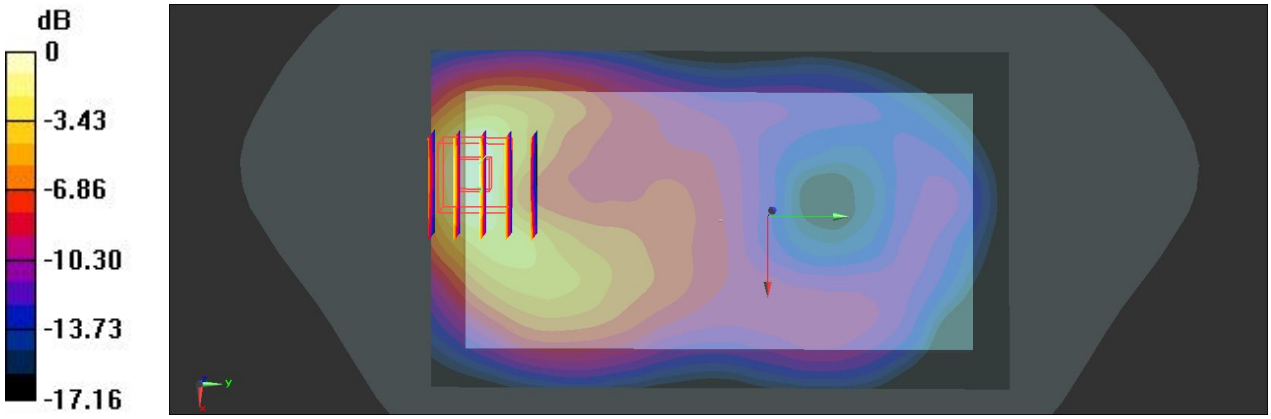
11 GSM1900_GPRS (GMSK 4 Tx slots)_Front 1cm_Ch810

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_131005 Medium parameters used: f = 1910 MHz; σ = 1.54 S/m; ε_r = 54.651; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch810/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.146 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.876 W/kg; SAR(10 g) = 0.481 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

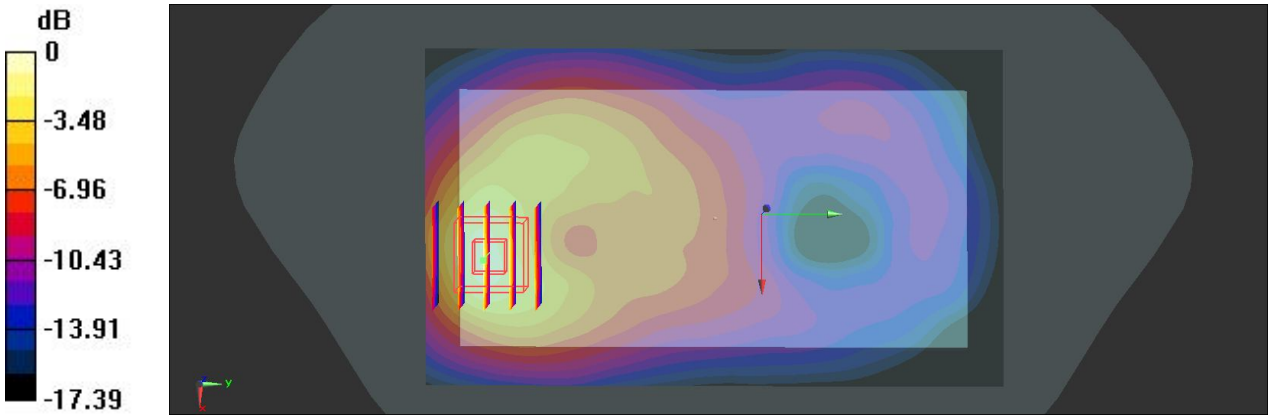
12 GSM1900_GPRS (GMSK 4 Tx slots)_Back 1cm_Ch810

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_131005 Medium parameters used: f = 1910 MHz; σ = 1.54 S/m; ε_r = 54.651; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch810/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.011 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.938 W/kg; SAR(10 g) = 0.525 W/kg
Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg

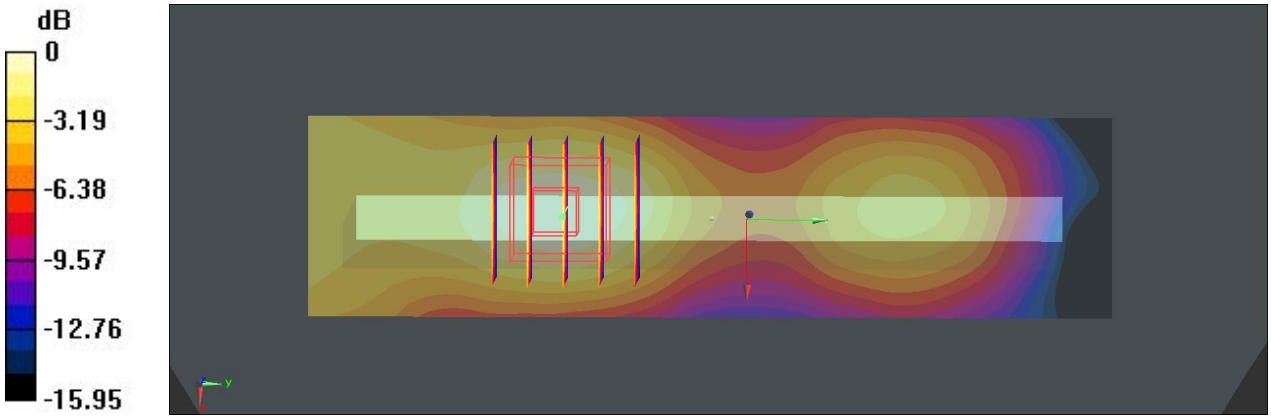
13 GSM1900_GPRS (GMSK 4 Tx slots)_Left side 1cm_Ch810

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_131005 Medium parameters used: f = 1910 MHz; σ = 1.54 S/m; ε_r = 54.651; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch810/Area Scan (31x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.240 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.524 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.289 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.112 W/kg
Maximum value of SAR (measured) = 0.240 W/kg



0 dB = 0.240 W/kg

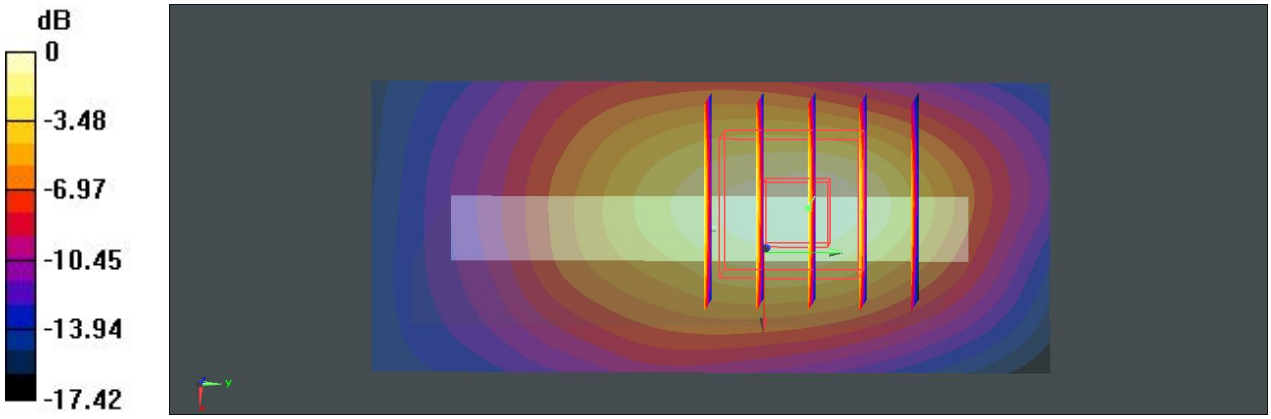
14 GSM1900_GPRS (GMSK 4 Tx slots)_Bottom side 1cm_Ch810

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_131005 Medium parameters used: f = 1910 MHz; σ = 1.54 S/m; ε_r = 54.651; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch810/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.43 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.671 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 1.060 W/kg; SAR(10 g) = 0.601 W/kg
Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg

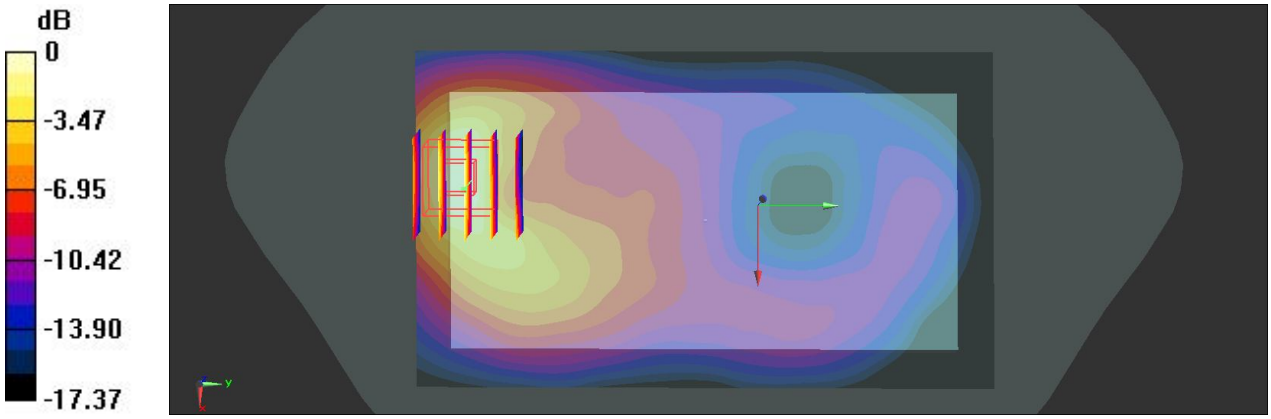
15 GSM1900_GPRS (GMSK 4 Tx slots)_Front 1cm_Ch512

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_131005 Medium parameters used: f = 1850.2 MHz; σ = 1.47 S/m; ε_r = 54.773; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch512/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.789 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.481 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

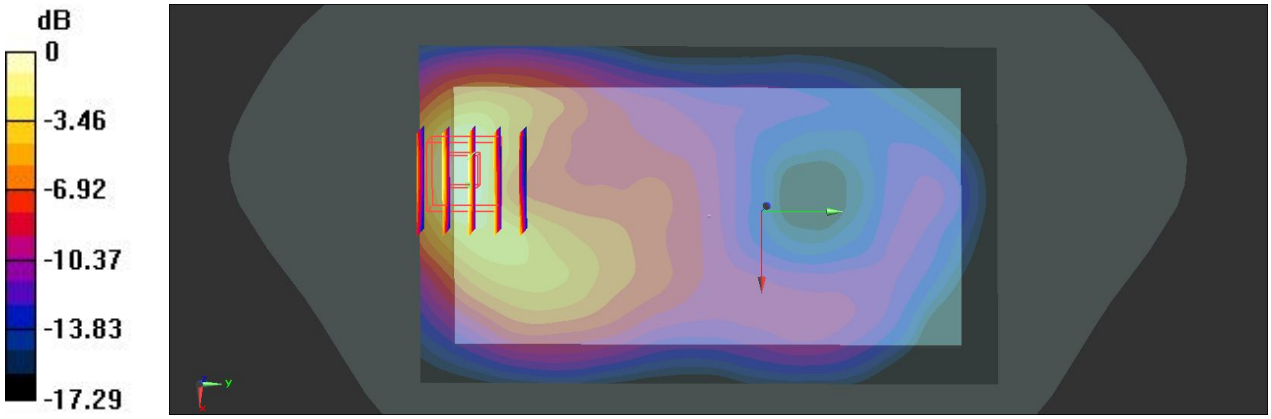
16 GSM1900_GPRS (GMSK 4 Tx slots)_Front 1cm_Ch661

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_131005 Medium parameters used: f = 1880 MHz; σ = 1.509 S/m; ε_r = 54.703; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch661/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.11 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.457 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.464 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg

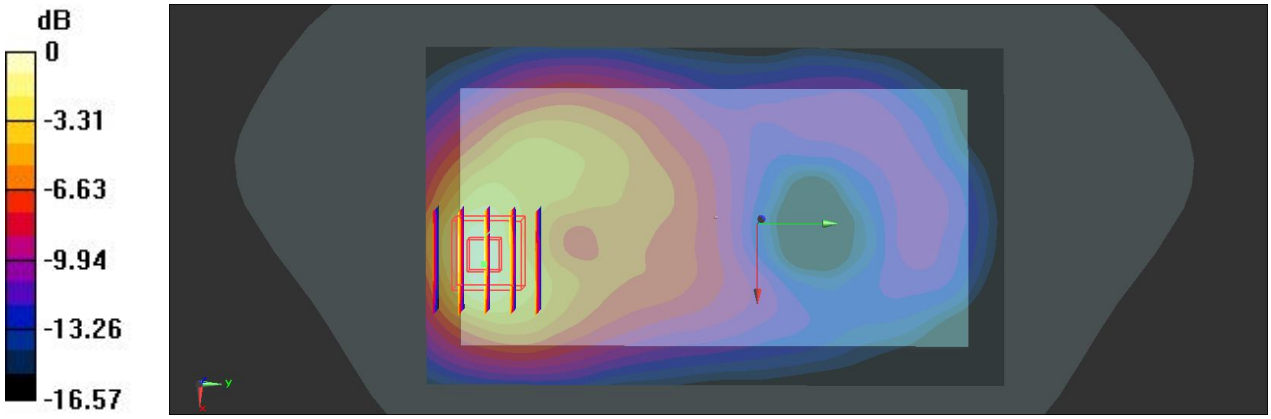
17 GSM1900_GPRS (GMSK 4 Tx slots)_Back 1cm_Ch512

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_131005 Medium parameters used: f = 1850.2 MHz; σ = 1.47 S/m; ε_r = 54.773; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch512/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.04 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.485 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.501 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

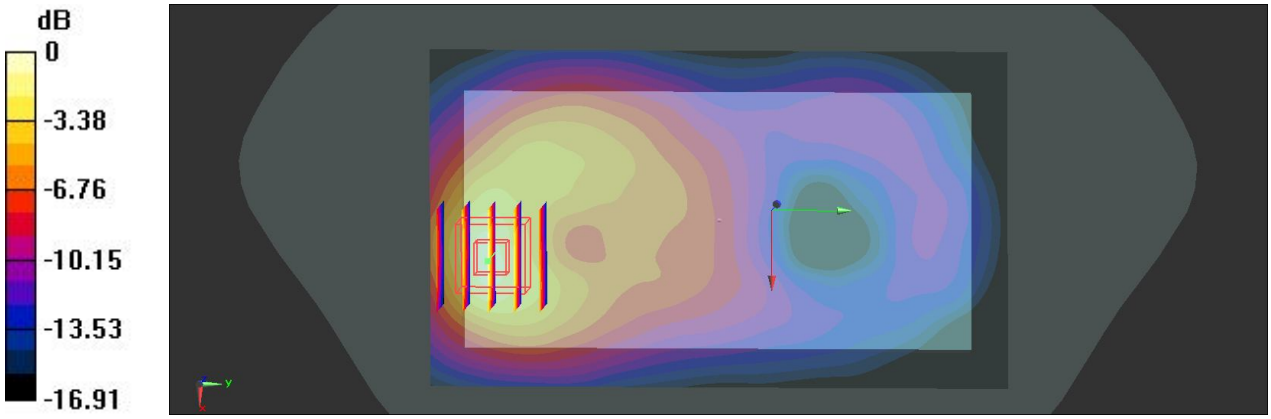
18 GSM1900_GPRS (GMSK 4 Tx slots)_Back 1cm_Ch661

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_131005 Medium parameters used: f = 1880 MHz; σ = 1.509 S/m; ε_r = 54.703; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch661/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.04 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.176 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.499 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg

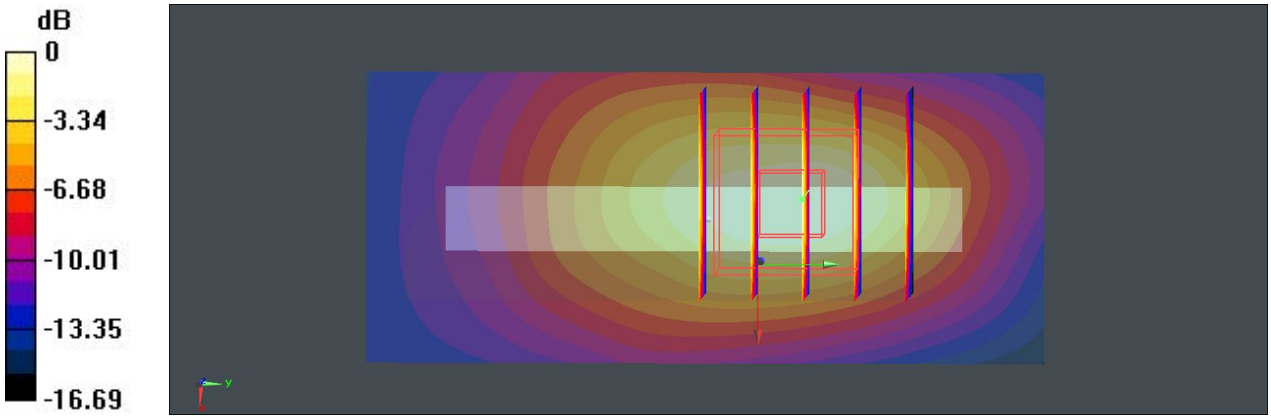
19 GSM1900_GPRS (GMSK 4 Tx slots)_Bottom side 1cm_Ch512

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_131005 Medium parameters used: f = 1850.2 MHz; σ = 1.47 S/m; ε_r = 54.773; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch512/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.40 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.787 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 1.050 W/kg; SAR(10 g) = 0.586 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

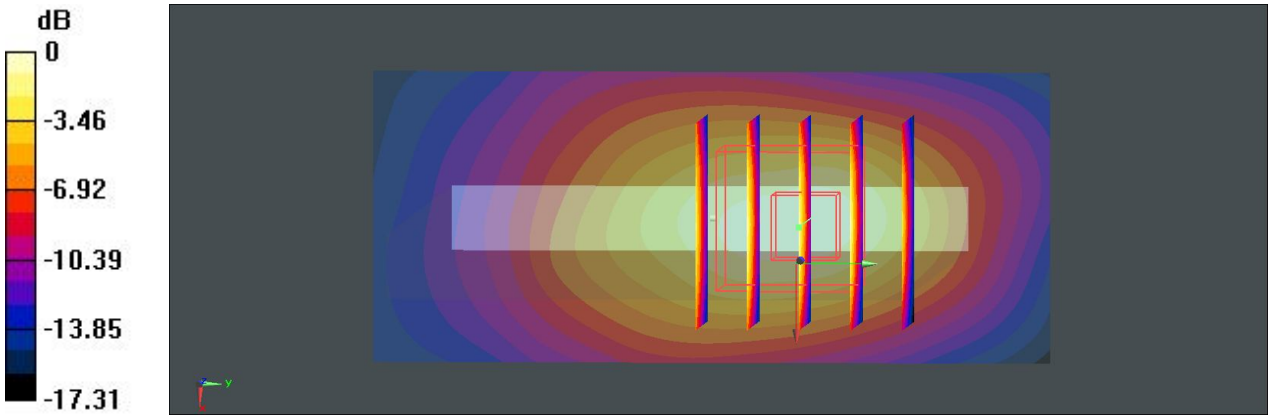
20 GSM1900_GPRS (GMSK 4 Tx slots)_Bottom side 1cm_Ch661

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_131005 Medium parameters used: f = 1880 MHz; σ = 1.509 S/m; ε_r = 54.703; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch661/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.46 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.030 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.090 W/kg; SAR(10 g) = 0.605 W/kg
Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

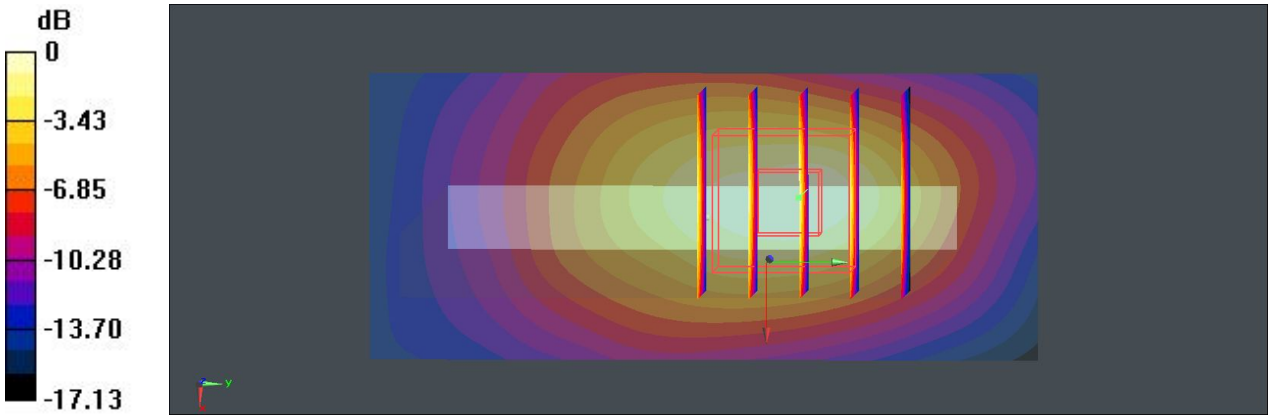
23 GSM1900_GPRS (GMSK 4 Tx slots)_Bottom side 1cm_Ch661_Repeat SAR

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_131005 Medium parameters used: f = 1880 MHz; σ = 1.509 S/m; ε_r = 54.703; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch661/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.43 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.022 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.080 W/kg; SAR(10 g) = 0.603 W/kg
Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg

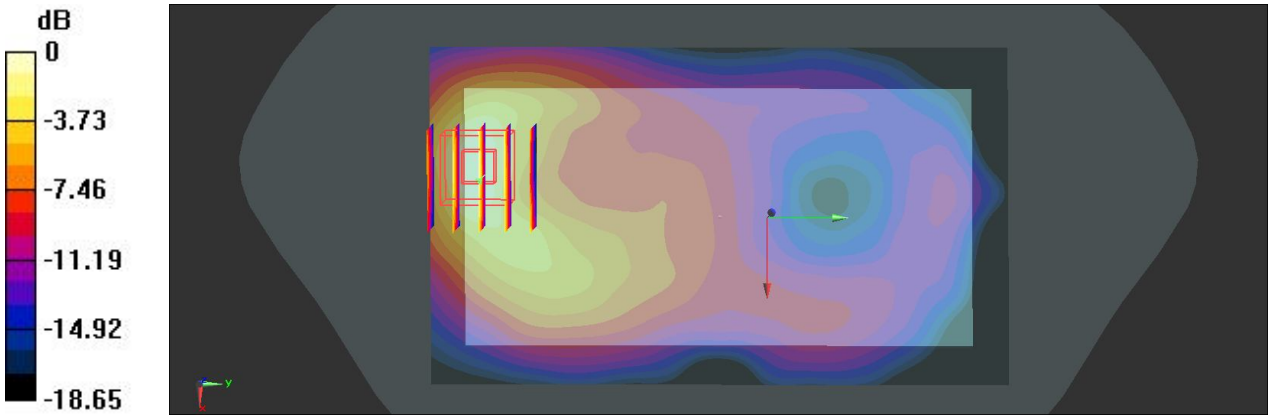
21 GSM1900_GSM Voice_Front 1cm_Ch810

Communication System: GSM Voice;Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_131005 Medium parameters used: f = 1910 MHz; σ = 1.54 S/m; ε_r = 54.651; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch810/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.544 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.315 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.691 W/kg
SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.236 W/kg
Maximum value of SAR (measured) = 0.570 W/kg



0 dB = 0.570 W/kg

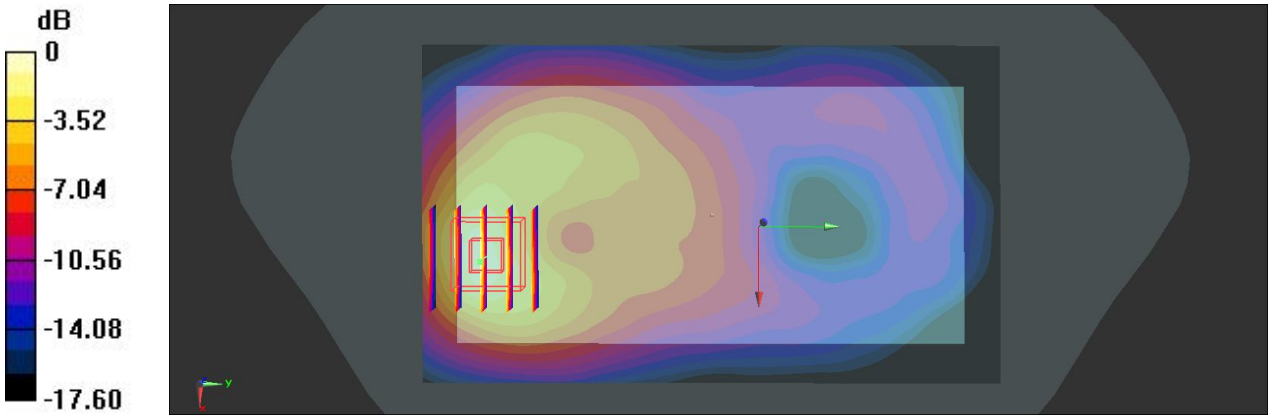
22 GSM1900_GSM Voice_Back 1cm_Ch810

Communication System: GSM Voice;Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_131005 Medium parameters used: f = 1910 MHz; σ = 1.54 S/m; ε_r = 54.651; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch810/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.556 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.690 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.769 W/kg
SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.266 W/kg
Maximum value of SAR (measured) = 0.632 W/kg



0 dB = 0.632 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

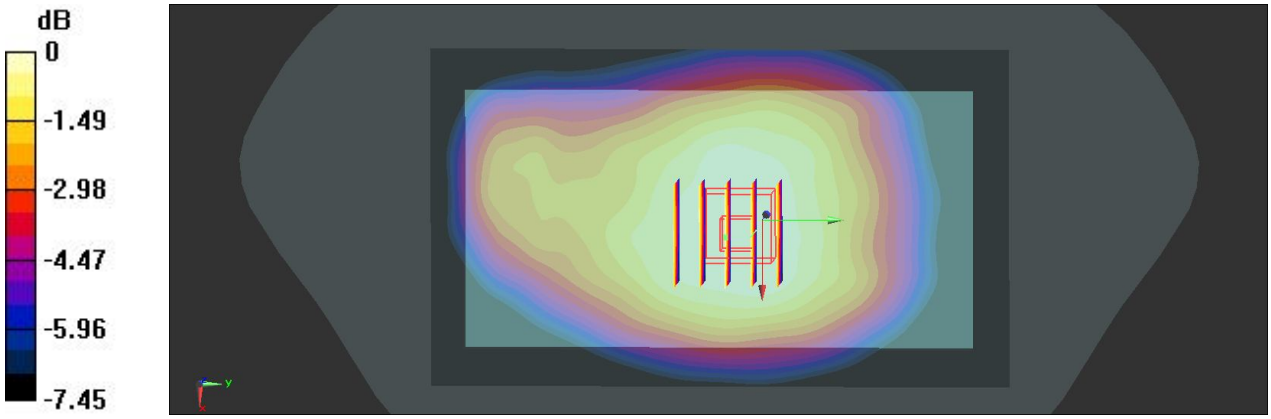
32 WCDMA Band V_RMC 12.2K_Front 1cm_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_131005 Medium parameters used: f = 836.4 MHz; σ = 0.974 S/m; ε_r = 54.073; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.346 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.160 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.366 W/kg
SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.234 W/kg
Maximum value of SAR (measured) = 0.335 W/kg



0 dB = 0.335 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

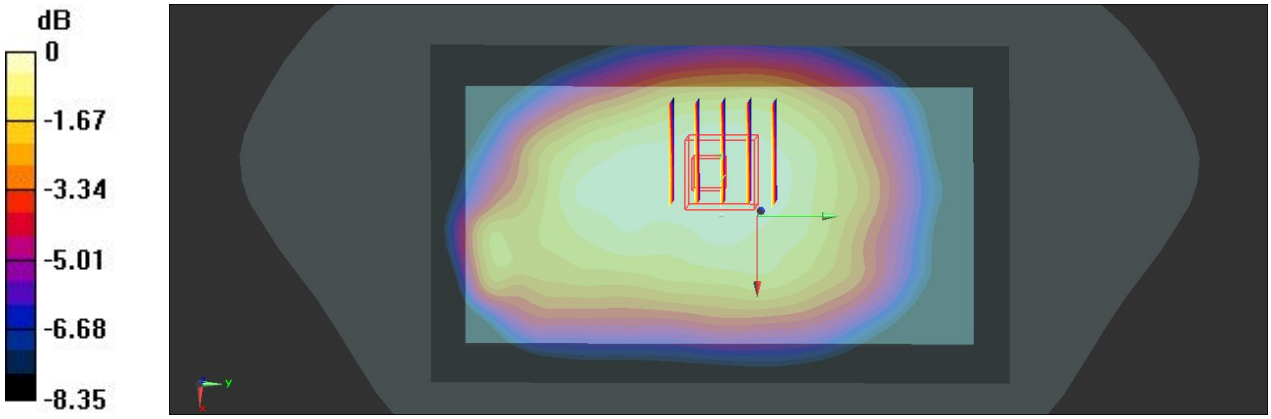
33 WCDMA Band V_RMC 12.2K_Back 1cm_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_131005 Medium parameters used: f = 836.4 MHz; σ = 0.974 S/m; ε_r = 54.073; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.411 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.298 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.435 W/kg
SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.272 W/kg
Maximum value of SAR (measured) = 0.398 W/kg



0 dB = 0.398 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

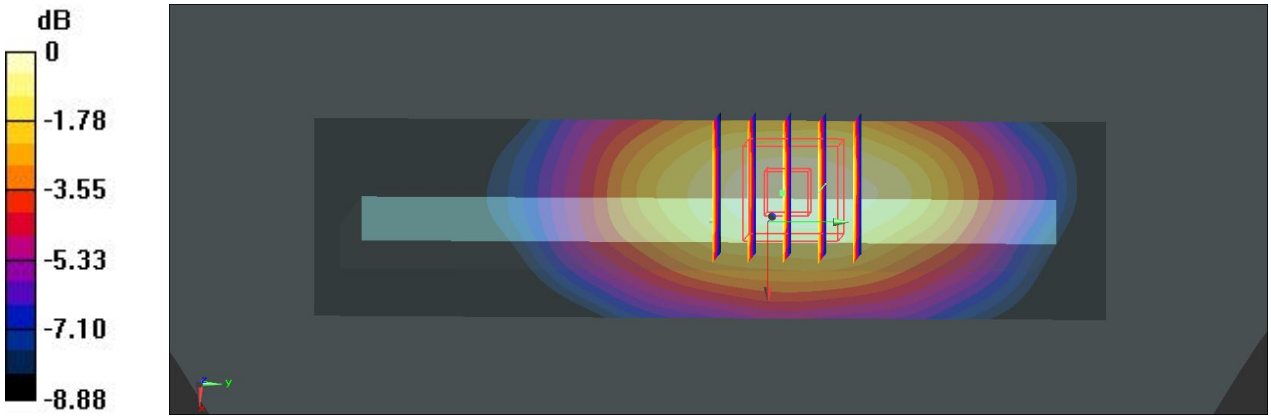
34 WCDMA Band V_RMC 12.2K_Left side 1cm_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_131005 Medium parameters used: f = 836.4 MHz; σ = 0.974 S/m; ε_r = 54.073; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (31x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.292 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.204 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.326 W/kg
SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.169 W/kg
Maximum value of SAR (measured) = 0.287 W/kg



0 dB = 0.287 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

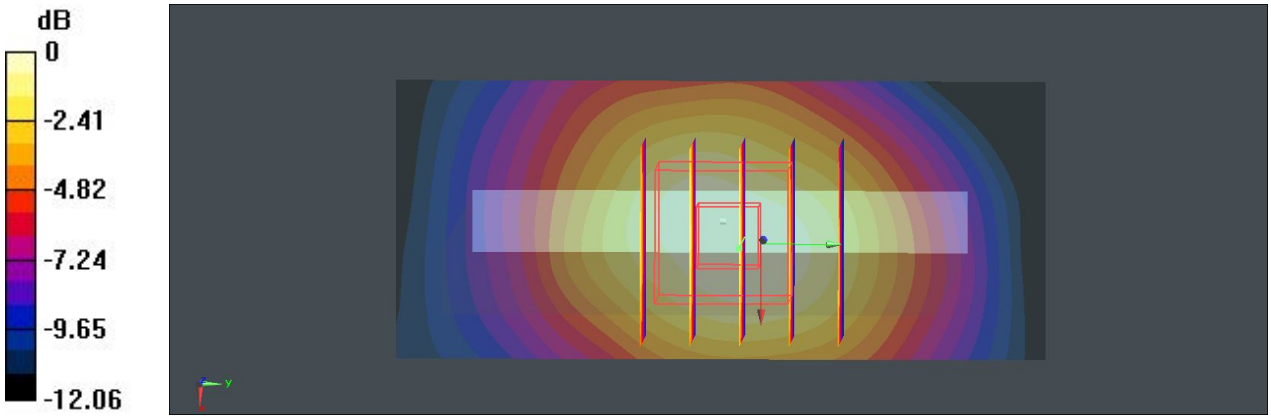
35 WCDMA Band V_RMC 12.2K_Bottom side 1cm_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_131005 Medium parameters used: f = 836.4 MHz; σ = 0.974 S/m; ε_r = 54.073; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.253 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.454 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.294 W/kg
SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 0.241 W/kg



0 dB = 0.241 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

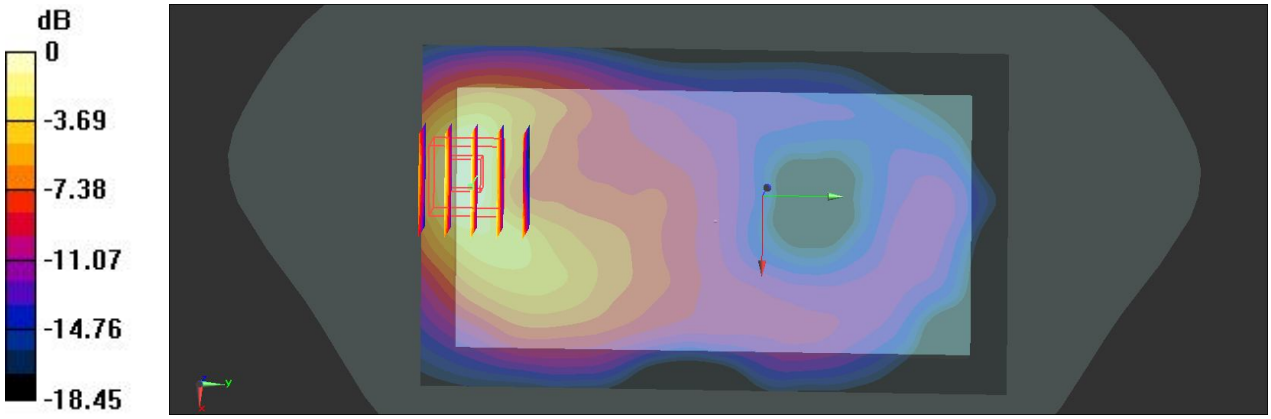
01 WCDMA Band II_RMC 12.2K_Front 1cm_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131005 Medium parameters used: f = 1852.4 MHz; σ = 1.473 S/m; ε_r = 54.765; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9262/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.517 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.883 W/kg; SAR(10 g) = 0.481 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

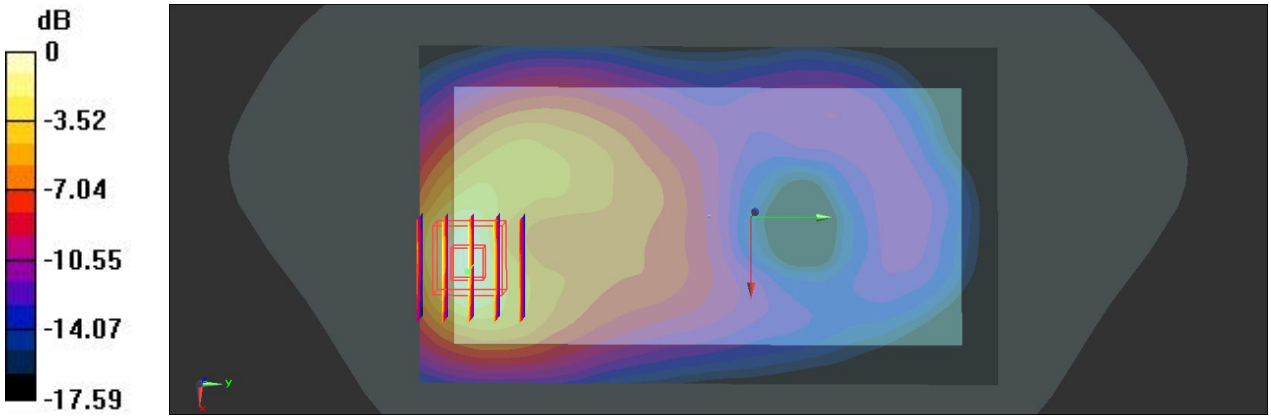
02 WCDMA Band II_RMC 12.2K_Back 1cm_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131005 Medium parameters used: f = 1852.4 MHz; σ = 1.473 S/m; ε_r = 54.765; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9262/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.627 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.493 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

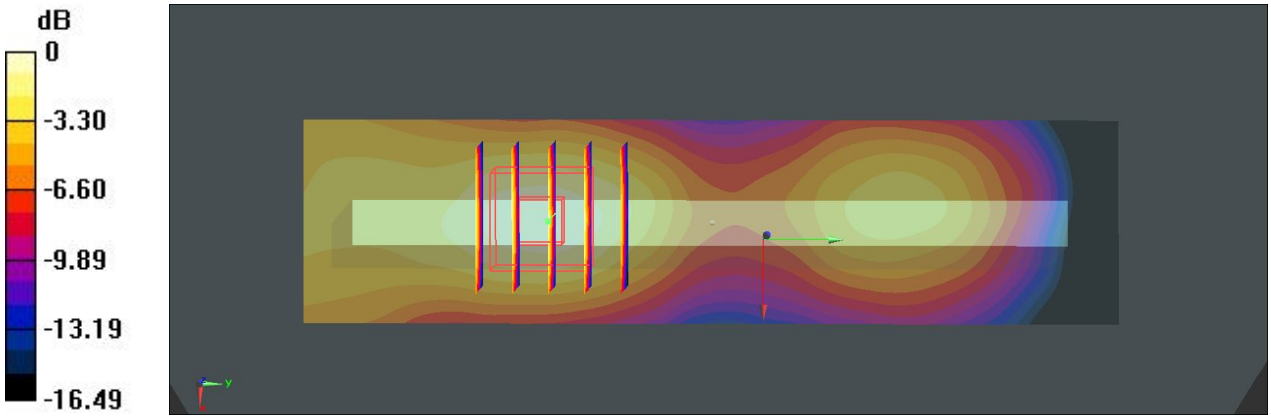
03 WCDMA Band II_RMC 12.2K_Left side 1cm_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131005 Medium parameters used: f = 1852.4 MHz; σ = 1.473 S/m; ε_r = 54.765; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9262/Area Scan (31x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.207 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.466 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.257 W/kg
SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.096 W/kg
Maximum value of SAR (measured) = 0.215 W/kg



0 dB = 0.215 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

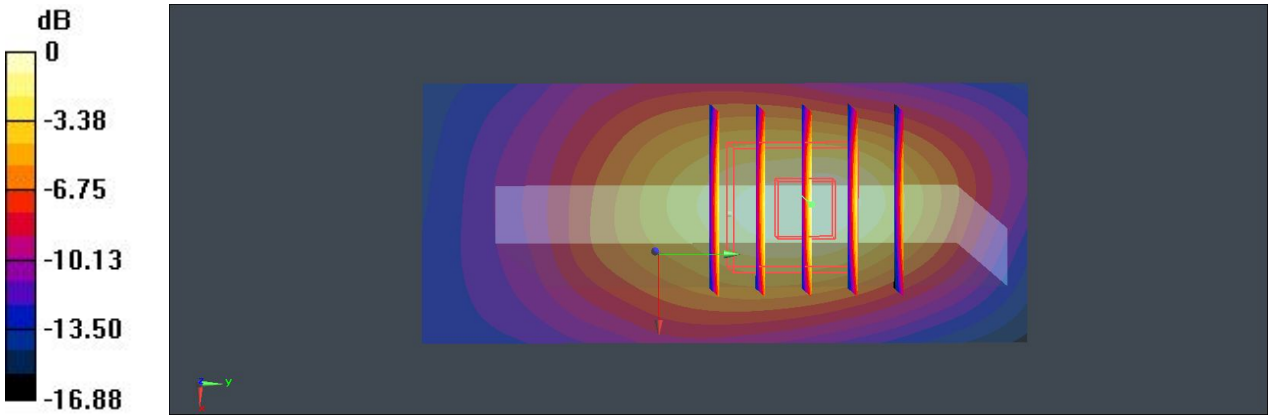
04 WCDMA Band II_RMC 12.2K_Bottom side 1cm_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131005 Medium parameters used: f = 1852.4 MHz; σ = 1.473 S/m; ε_r = 54.765; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9262/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.45 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.118 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 1.030 W/kg; SAR(10 g) = 0.594 W/kg
Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

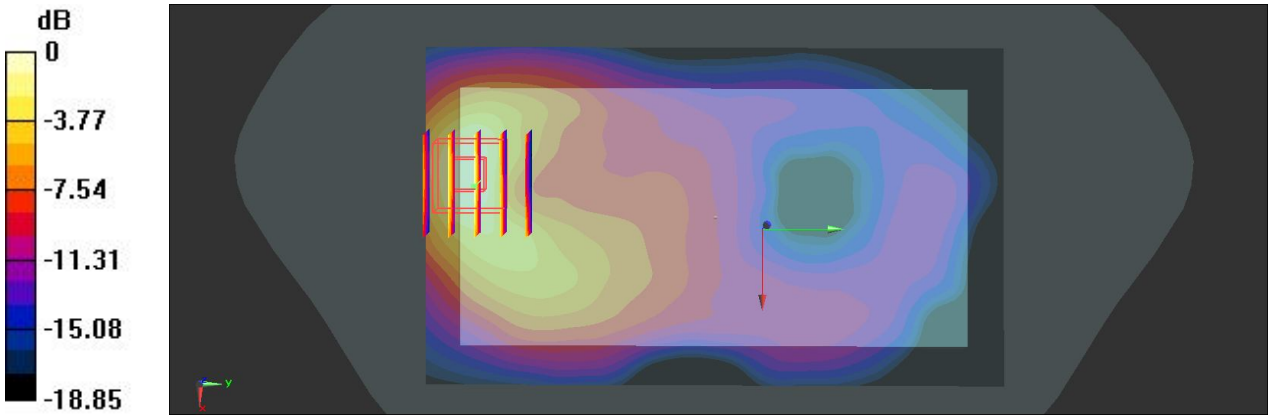
05 WCDMA Band II_RMC 12.2K_Front 1cm_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131005 Medium parameters used: f = 1880 MHz; σ = 1.509 S/m; ε_r = 54.703; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9400/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.03 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.727 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.777 W/kg; SAR(10 g) = 0.423 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

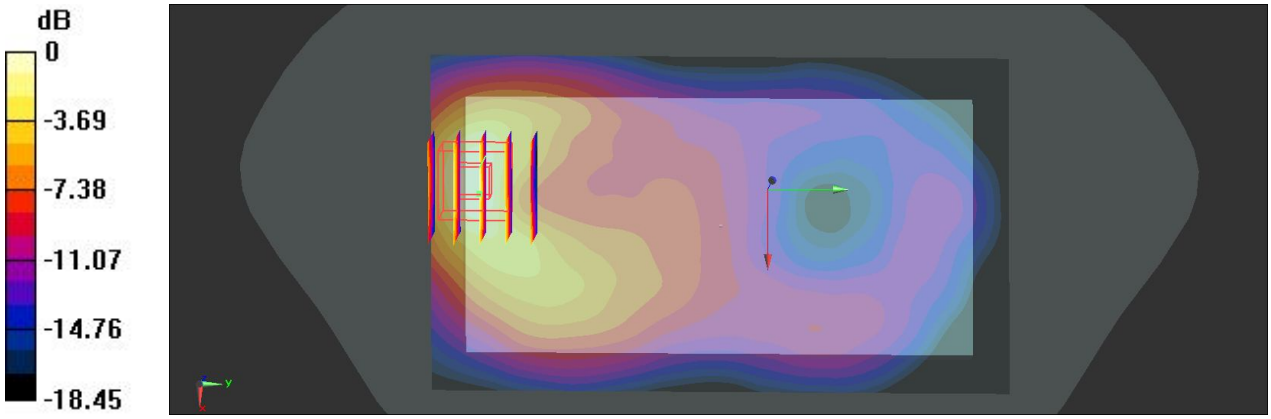
06 WCDMA Band II_RMC 12.2K_Front 1cm_Ch9538

Communication System: WCDMA;Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131005 Medium parameters used: f = 1908 MHz; σ = 1.538 S/m; ε_r = 54.657; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9538/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.957 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.910 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.391 W/kg
Maximum value of SAR (measured) = 0.969 W/kg



0 dB = 0.969 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

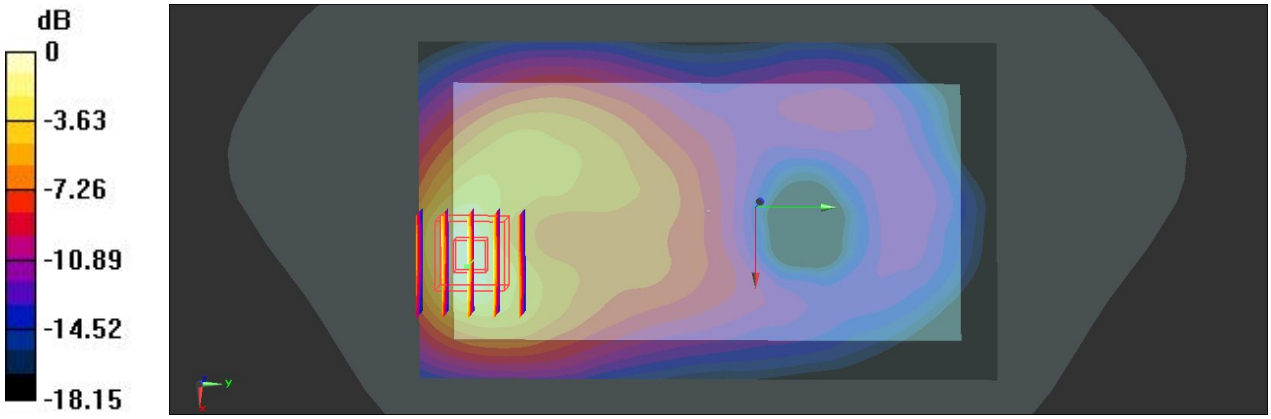
07 WCDMA Band II_RMC 12.2K_Back 1cm_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131005 Medium parameters used: f = 1880 MHz; σ = 1.509 S/m; ε_r = 54.703; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9400/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.985 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.853 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.439 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

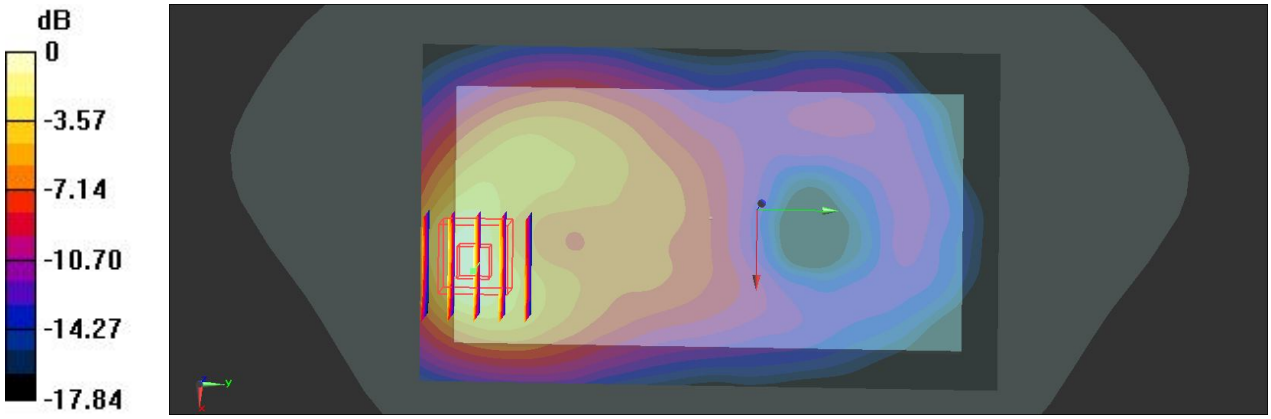
08 WCDMA Band II_RMC 12.2K_Back 1cm_Ch9538

Communication System: WCDMA;Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131005 Medium parameters used: f = 1908 MHz; σ = 1.538 S/m; ε_r = 54.657; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9538/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.925 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.025 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.411 W/kg
Maximum value of SAR (measured) = 0.988 W/kg



0 dB = 0.988 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

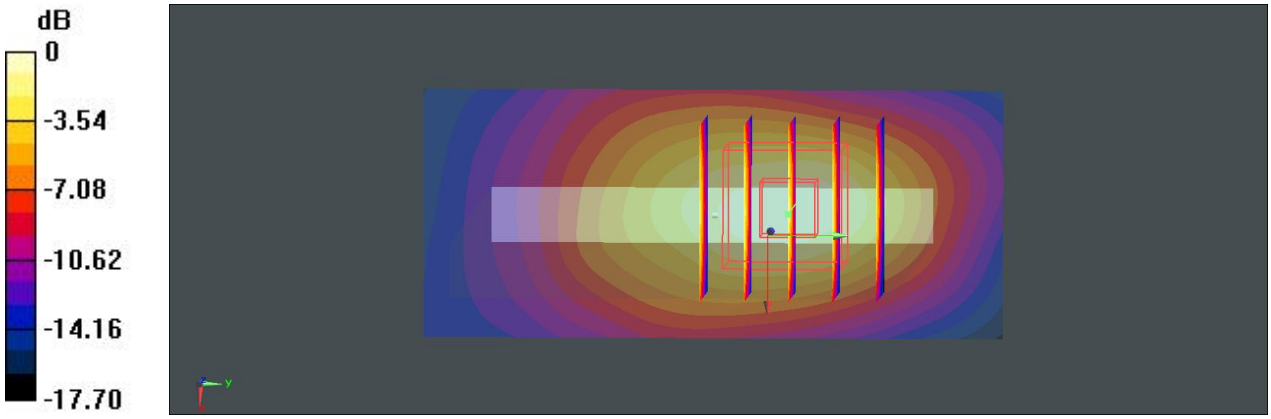
09 WCDMA Band II_RMC 12.2K_Bottom side 1cm_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131005 Medium parameters used: f = 1880 MHz; σ = 1.509 S/m; ε_r = 54.703; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9400/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.36 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.369 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 1.020 W/kg; SAR(10 g) = 0.563 W/kg
Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.05

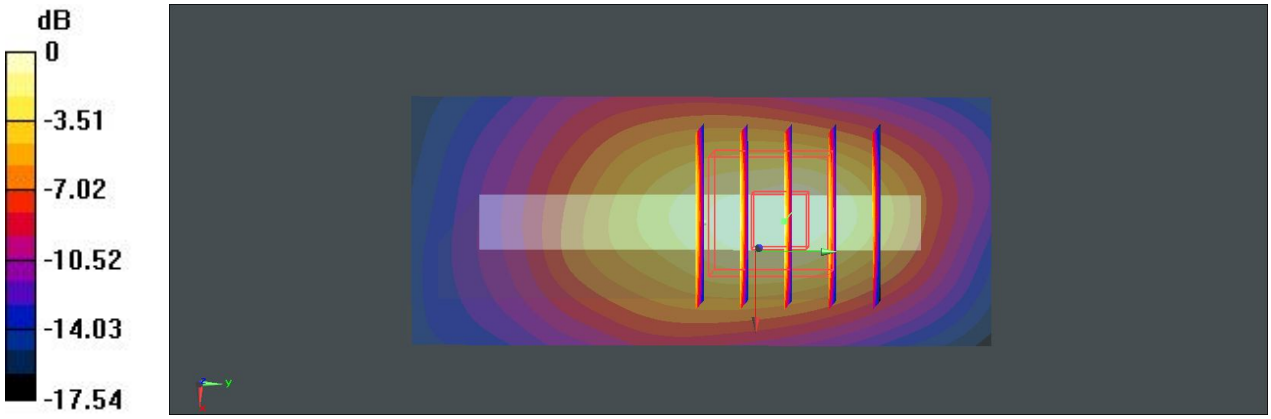
10 WCDMA Band II_RMC 12.2K_Bottom side 1cm_Ch9538

Communication System: WCDMA;Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131005 Medium parameters used: f = 1908 MHz; σ = 1.538 S/m; ε_r = 54.657; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9538/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.907 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.504 W/kg
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

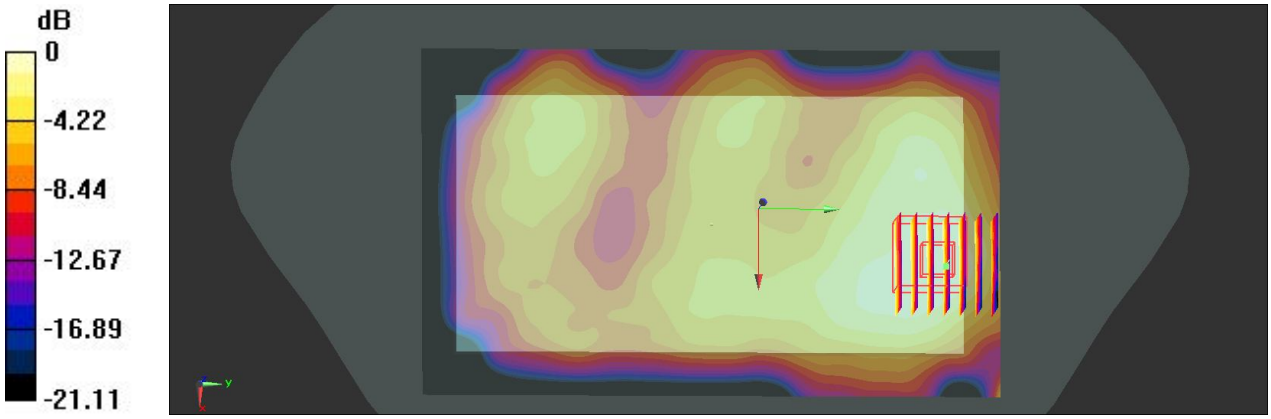
57 WLAN 2.4GHz_802.11b_Front 1Cm_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_131006 Medium parameters used: f = 2412 MHz; σ = 1.872 S/m; ε_r = 51.269; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.34, 7.34, 7.34); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch1/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0640 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.918 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0860 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.0640 W/kg



0 dB = 0.0640 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

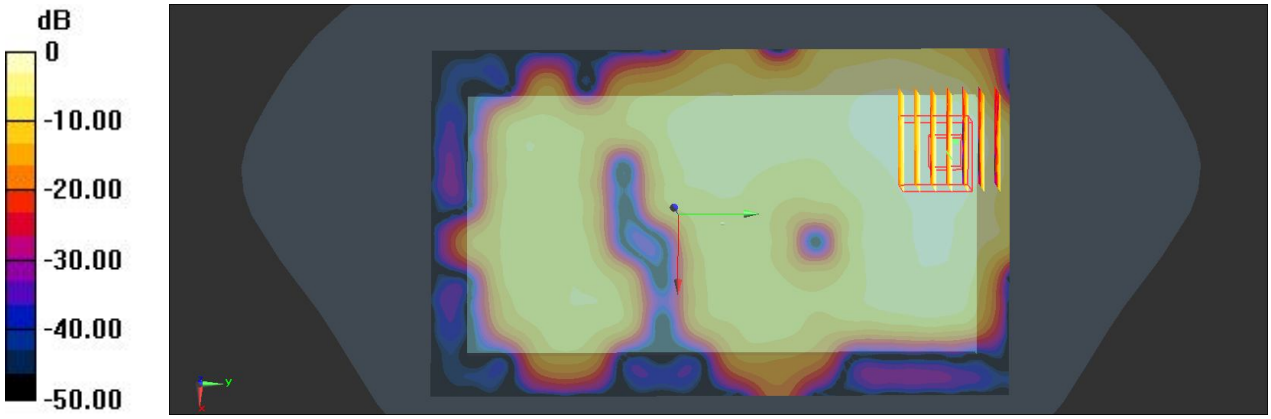
58 WLAN 2.4GHz_802.11b_Back 1Cm_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_131006 Medium parameters used: f = 2412 MHz; σ = 1.872 S/m; ε_r = 51.269; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.34, 7.34, 7.34); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch1/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0906 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.405 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.131 W/kg
SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.031 W/kg
Maximum value of SAR (measured) = 0.0918 W/kg



0 dB = 0.0918 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

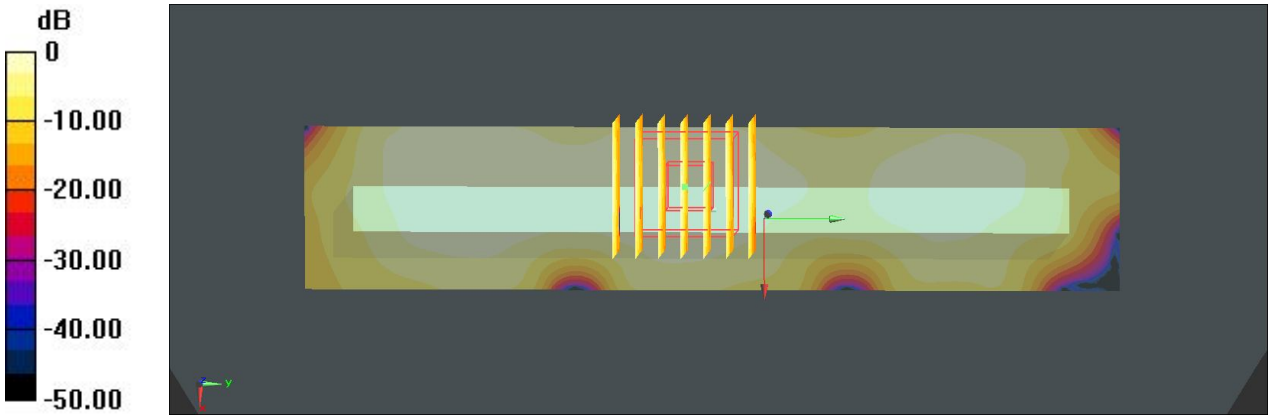
59 WLAN 2.4GHz_802.11b_Right side 1Cm_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_131006 Medium parameters used: f = 2412 MHz; σ = 1.872 S/m; ε_r = 51.269; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.34, 7.34, 7.34); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch1/Area Scan (31x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0458 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.953 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0540 W/kg
SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.0436 W/kg



0 dB = 0.0436 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.06

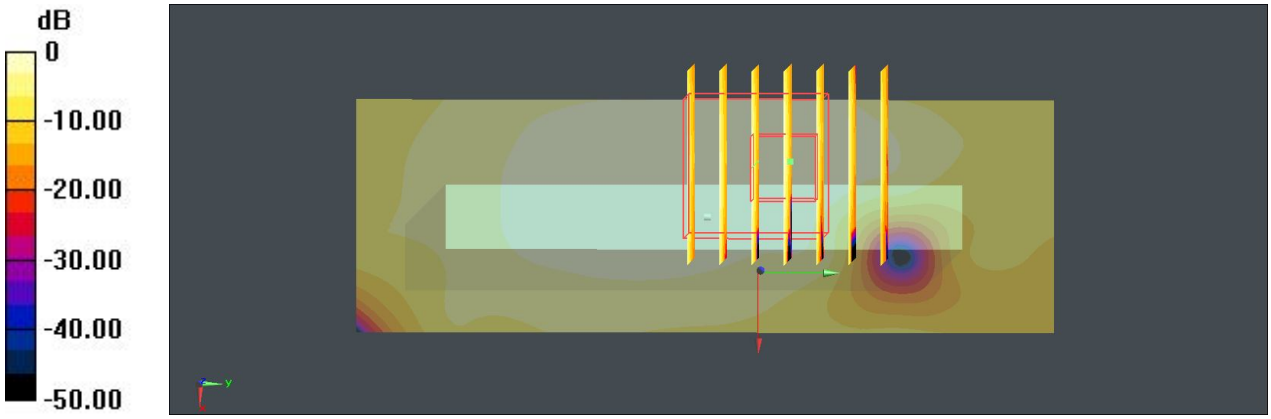
60 WLAN 2.4GHz_802.11b_Top side 1Cm_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_131006 Medium parameters used: f = 2412 MHz; σ = 1.872 S/m; ε_r = 51.269; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.34, 7.34, 7.34); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch1/Area Scan (31x91x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0561 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.853 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.135 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.0472 W/kg



0 dB = 0.0472 W/kg