Appendix A. Plots of System Performance Check

The plots are shown as follows.

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.23

System Check_Head_835MHz_131023

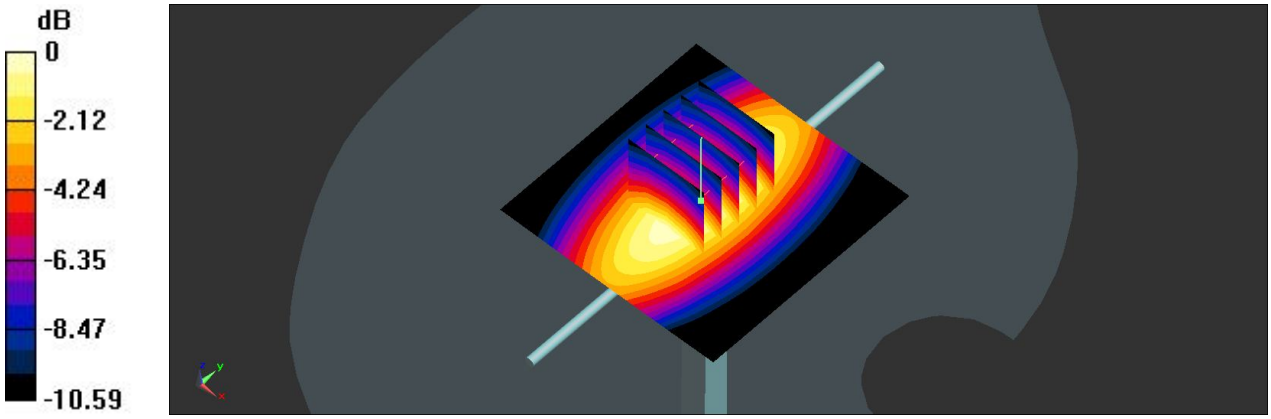
DUT: D835V2-SN:4d151

Communication System: CW;Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_131023 Medium parameters used: f = 835 MHz; σ = 0.916 S/m; ε_r = 41.029; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 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) = 2.86 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.339 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.40 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: 2013.10.23

System Check_Head_1900MHz_131023

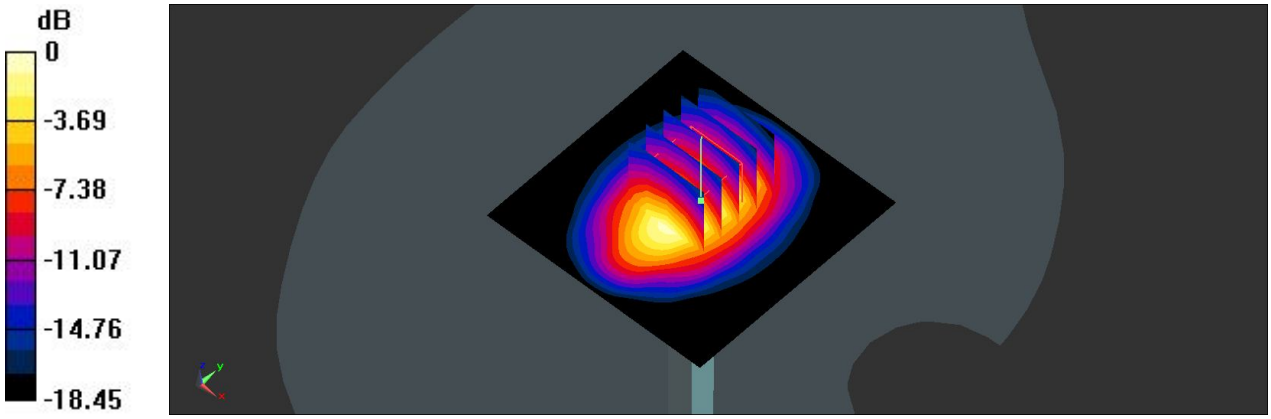
DUT: D1900V2-SN:5d170

Communication System: CW;Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131023 Medium parameters used: f = 1900 MHz; σ = 1.419 S/m; ε_r = 40.609; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 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) = 14.2 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 100.1 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 18.1 W/kg
SAR(1 g) = 9.9 W/kg; SAR(10 g) = 5.18 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: 2013.10.24

System Check_Head_2450MHz_131024

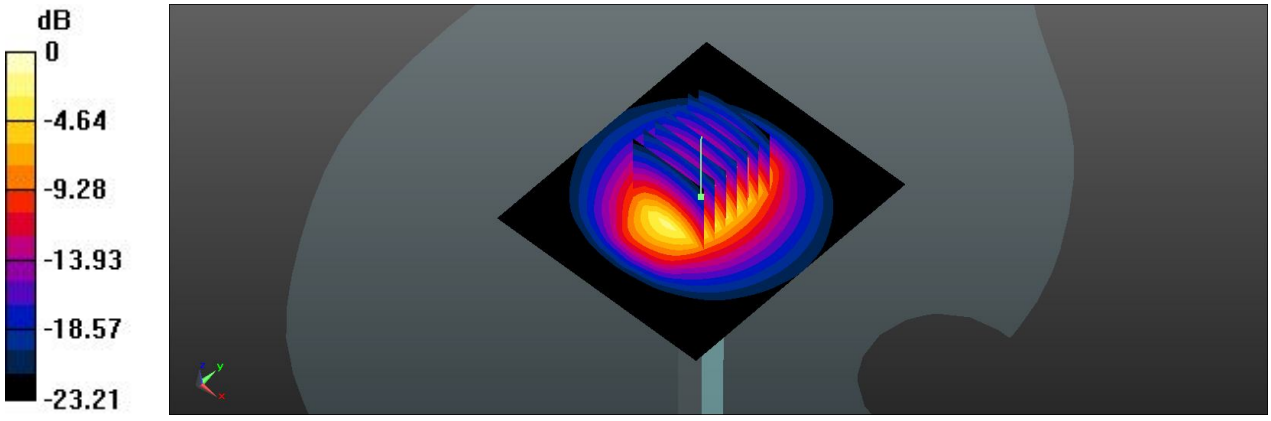
DUT: D2450V2-SN:908

Communication System: CW;Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_131024 Medium parameters used: f = 2450 MHz; σ = 1.856 S/m; ε_r = 37.685; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; 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 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) = 20.9 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 106.5 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 28.2 W/kg
SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.04 W/kg
Maximum value of SAR (measured) = 20.6 W/kg



0 dB = 20.6 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.25

System Check_Body_835MHz_131025

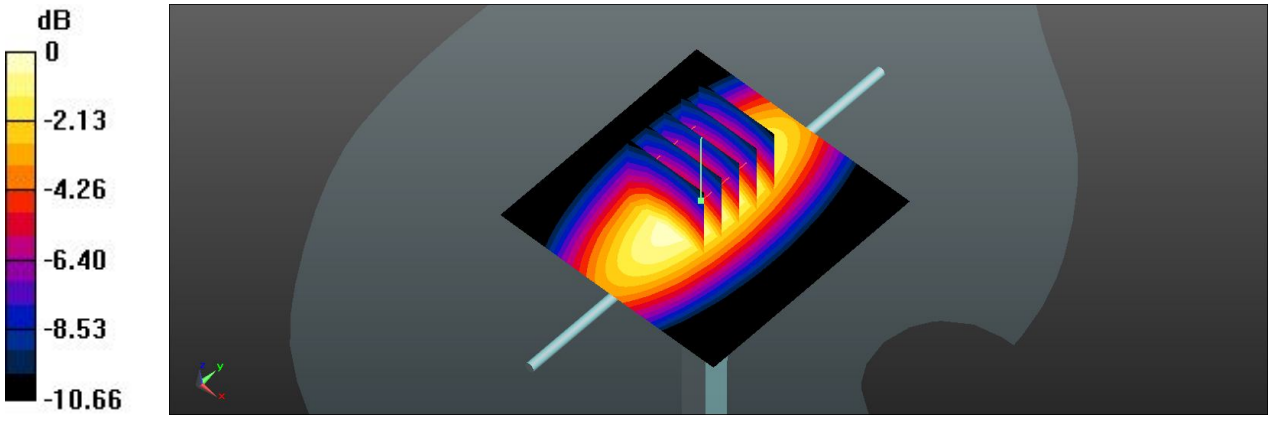
DUT: D835V2-SN:4d151

Communication System: CW;Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_131025 Medium parameters used: f = 835 MHz; σ = 0.991 S/m; ε_r = 55.697; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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 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) = 3.22 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.499 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.79 W/kg
SAR(1 g) = 2.54 W/kg; SAR(10 g) = 1.67 W/kg
Maximum value of SAR (measured) = 3.21 W/kg



0 dB = 3.21 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.21

System Check_Body_1900MHz_131021

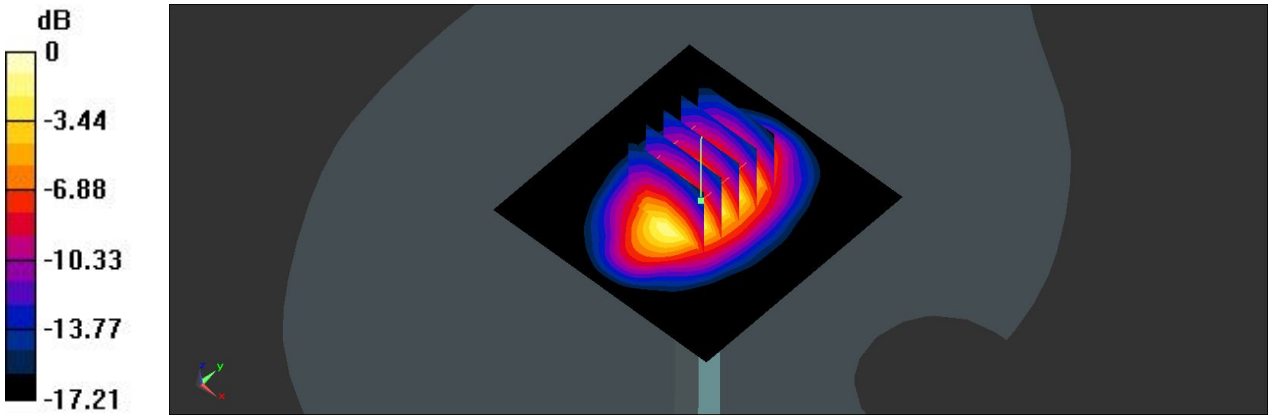
DUT: D1900V2-SN:5d170

Communication System: CW;Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: f = 1900 MHz; σ = 1.528 S/m; ε_r = 53.974; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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) = 14.1 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 97.194 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.31 W/kg
Maximum value of SAR (measured) = 14.1 W/kg



0 dB = 14.1 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.25

System Check_Body_2450MHz_131025

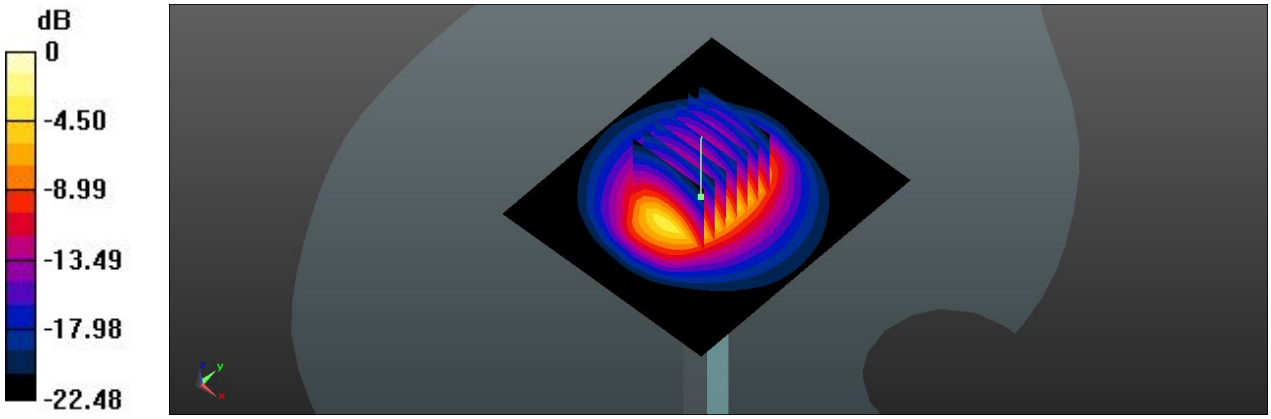
DUT: D2450V2-SN:908

Communication System: CW;Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_131025 Medium parameters used: f = 2450 MHz; σ = 1.915 S/m; ε_r = 51.144; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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) = 20.9 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 103.6 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 28.1 W/kg
SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.08 W/kg
Maximum value of SAR (measured) = 20.7 W/kg



0 dB = 20.7 W/kg

Appendix B. Plots of SAR Measurement

The plots are shown as follows.

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.23

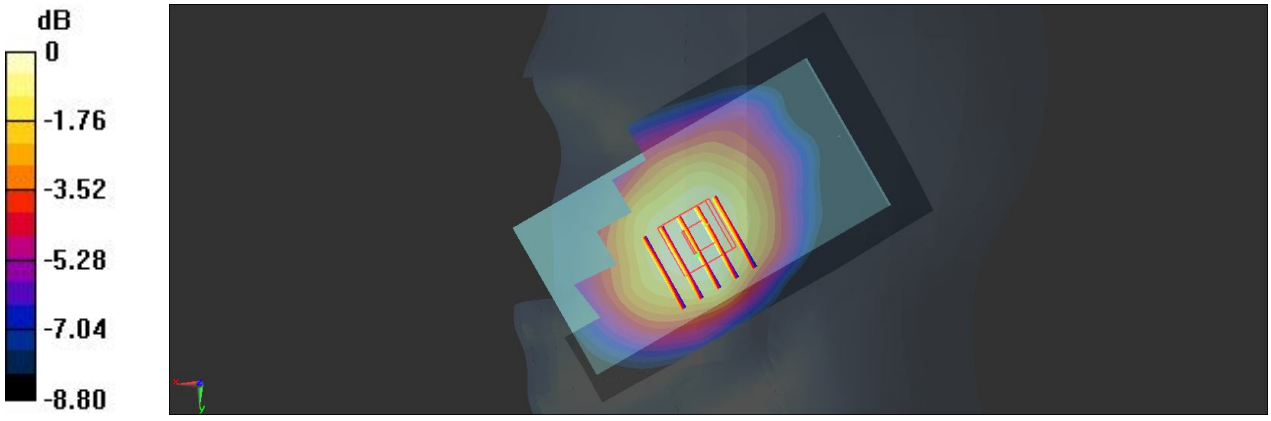
14 GSM850_GSM Voice_Right Cheek_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_131023 Medium parameters used: f = 824.2 MHz; σ = 0.906 S/m; ε_r = 41.145; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.214 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.468 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.222 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.150 W/kg
Maximum value of SAR (measured) = 0.207 W/kg



0 dB = 0.207 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.23

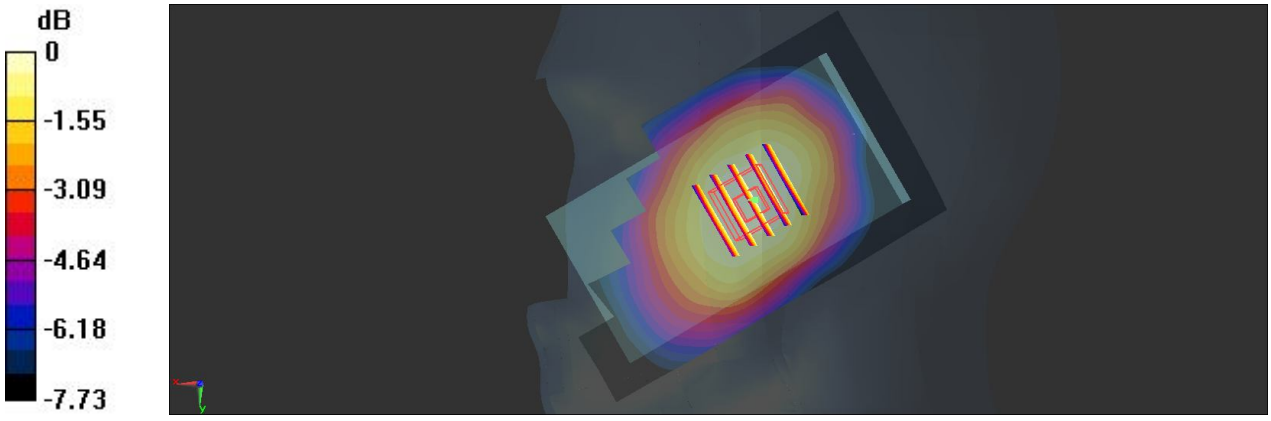
15 GSM850_GSM Voice_Right Tilted_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_131023 Medium parameters used: f = 824.2 MHz; σ = 0.906 S/m; ε_r = 41.145; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.131 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.450 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.143 W/kg
SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.095 W/kg
Maximum value of SAR (measured) = 0.129 W/kg



0 dB = 0.129 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.23

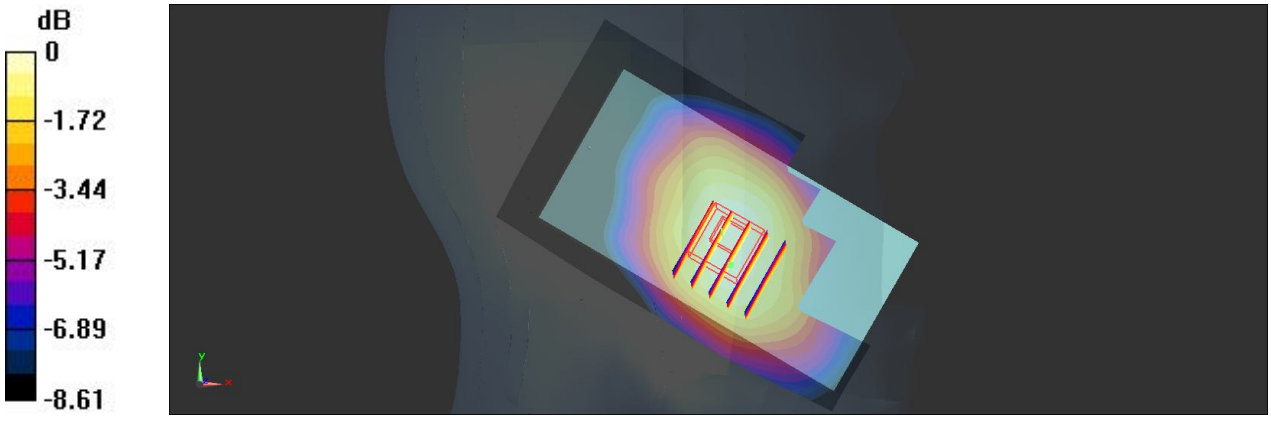
16 GSM850_GSM Voice_Left Check_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_131023 Medium parameters used: f = 824.2 MHz; σ = 0.906 S/m; ε_r = 41.145; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.214 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.692 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 0.212 W/kg



0 dB = 0.212 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.23

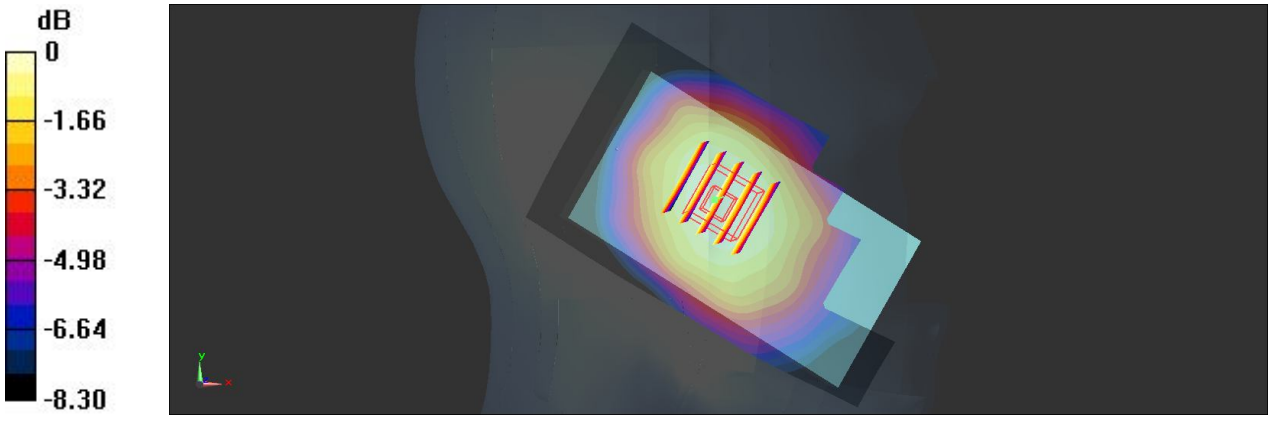
17 GSM850_GSM Voice_Left Tilted_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_131023 Medium parameters used: f = 824.2 MHz; σ = 0.906 S/m; ε_r = 41.145; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.141 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.315 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.146 W/kg
SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.100 W/kg
Maximum value of SAR (measured) = 0.137 W/kg



0 dB = 0.137 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.23

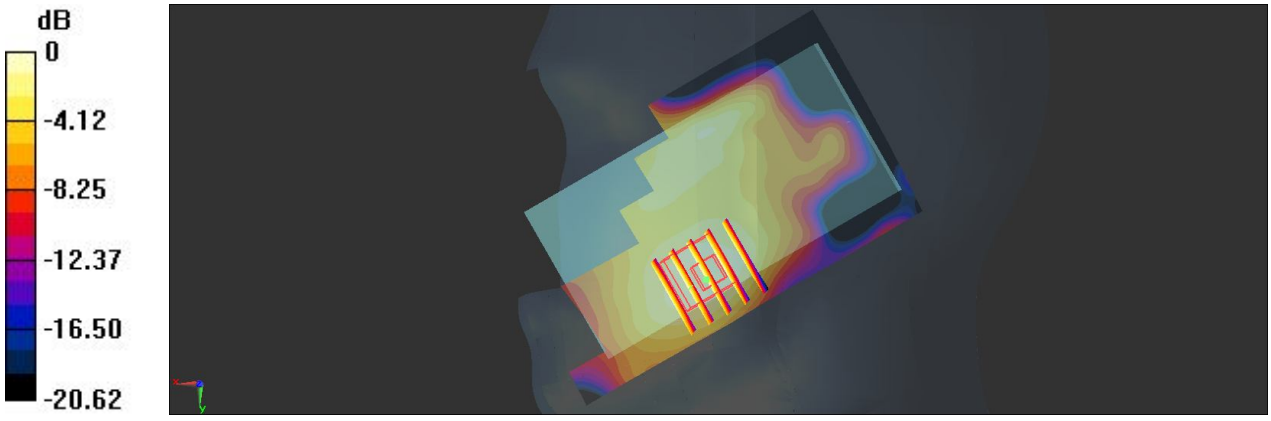
10 GSM1900_GSM Voice_Right Cheek_Ch810

Communication System: GSM Voice;Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_131023 Medium parameters used: f = 1910 MHz; σ = 1.43 S/m; ε_r = 40.64; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch810/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.193 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.729 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.214 W/kg
SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.093 W/kg
Maximum value of SAR (measured) = 0.182 W/kg



0 dB = 0.182 W/kg

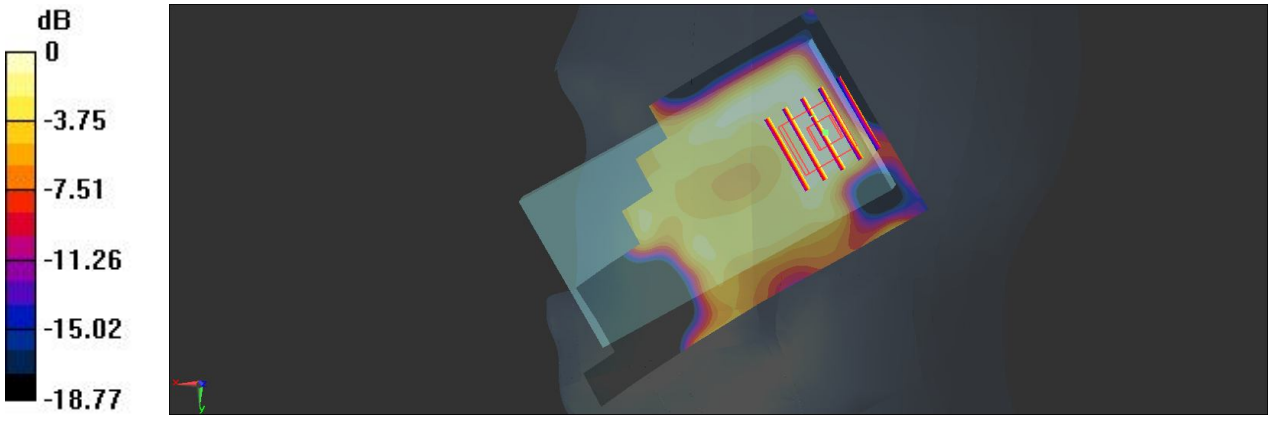
11 GSM1900_GSM Voice_Right Tilted_Ch810

Communication System: GSM Voice;Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_131023 Medium parameters used: f = 1910 MHz; σ = 1.43 S/m; ε_r = 40.64; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch810/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0993 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.254 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0710 W/kg
SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.0603 W/kg



0 dB = 0.0603 W/kg

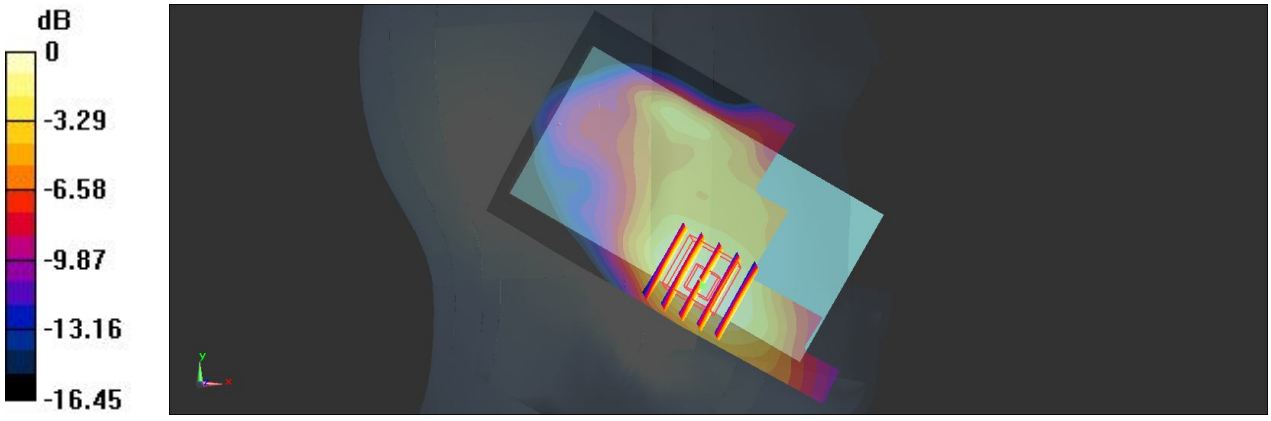
12 GSM1900_GSM Voice_Left Check_Ch810

Communication System: GSM Voice;Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_131023 Medium parameters used: f = 1910 MHz; σ = 1.43 S/m; ε_r = 40.64; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch810/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.252 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.694 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.291 W/kg
SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.247 W/kg



0 dB = 0.247 W/kg

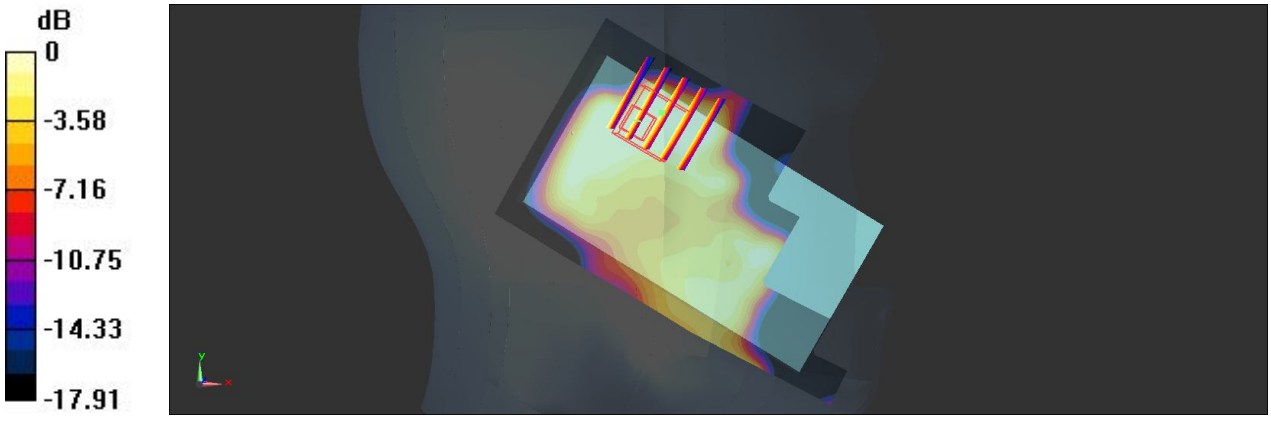
13 GSM1900_GSM Voice_Left Tilted_Ch810

Communication System: GSM Voice;Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_131023 Medium parameters used: f = 1910 MHz; σ = 1.43 S/m; ε_r = 40.64; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch810/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.127 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.031 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0750 W/kg
SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.030 W/kg
Maximum value of SAR (measured) = 0.0632 W/kg



0 dB = 0.0632 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.23

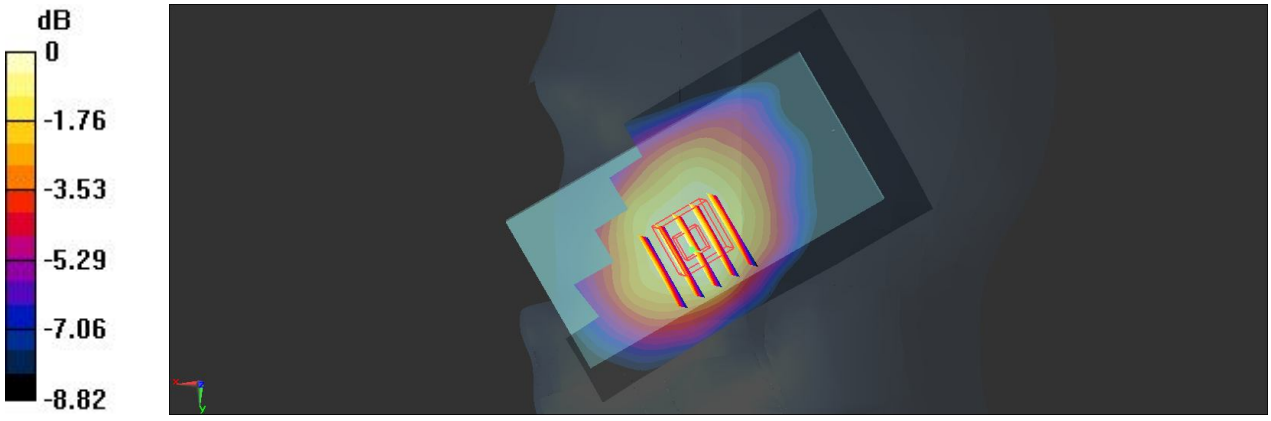
18 WCDMA Band V_RMC 12.2K_Right Cheek_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_131023 Medium parameters used: f = 836.5 MHz; σ = 0.917 S/m; ε_r = 41.014; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.151 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.491 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.158 W/kg
SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.101 W/kg
Maximum value of SAR (measured) = 0.146 W/kg



0 dB = 0.146 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.23

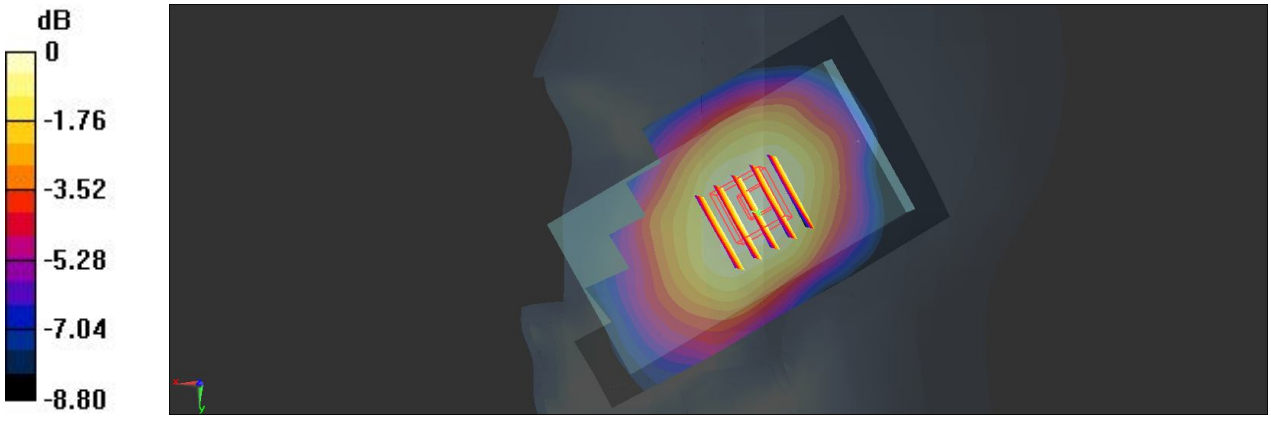
19 WCDMA Band V_RMC 12.2K_Right Tilted_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_131023 Medium parameters used: f = 836.5 MHz; σ = 0.917 S/m; ε_r = 41.014; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0942 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.390 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.102 W/kg
SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.068 W/kg
Maximum value of SAR (measured) = 0.0936 W/kg



0 dB = 0.0936 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.23

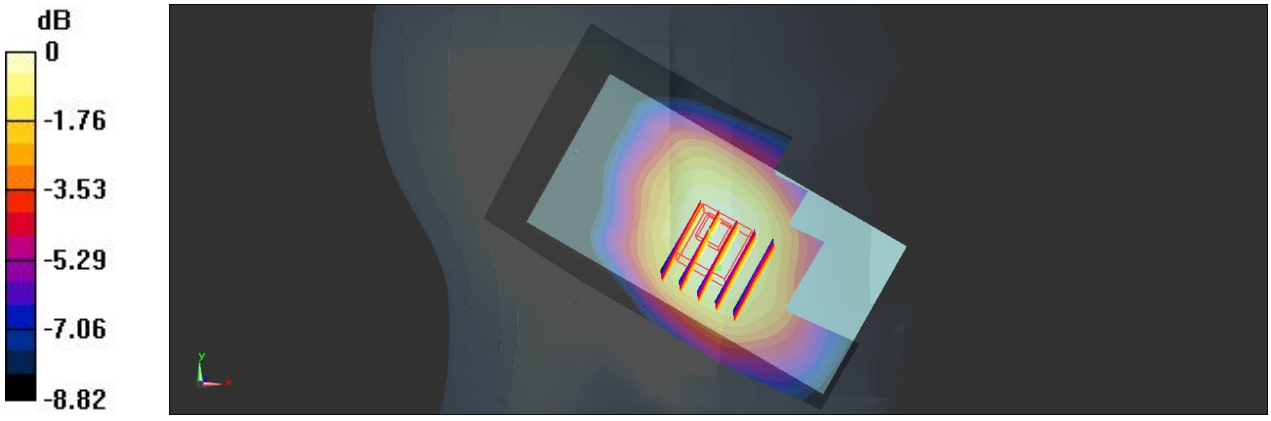
20 WCDMA Band V_RMC 12.2K_Left Cheek_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_131023 Medium parameters used: f = 836.5 MHz; σ = 0.917 S/m; ε_r = 41.014; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.139 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.985 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.154 W/kg
SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.101 W/kg
Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.144 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.23

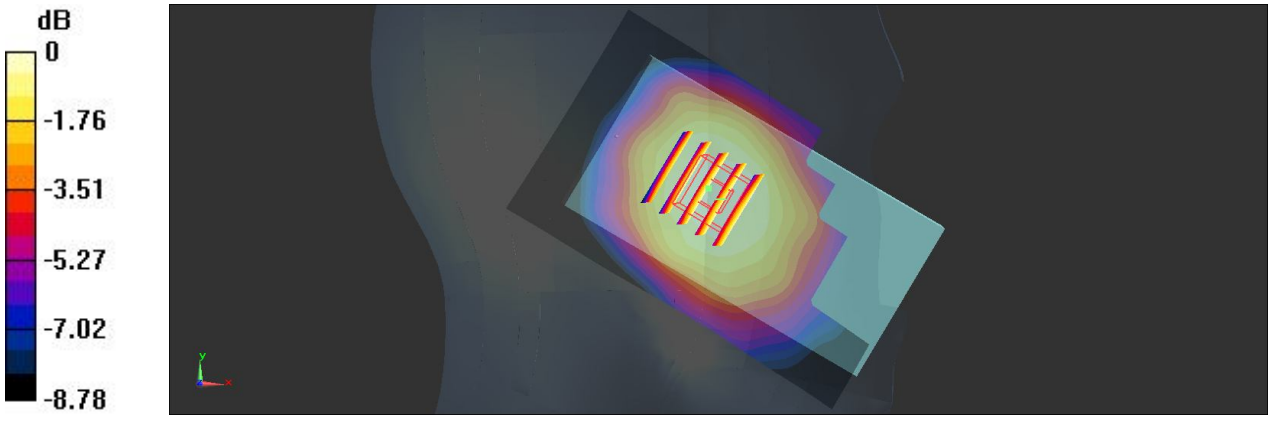
21 WCDMA Band V_RMC 12.2K_Left Tilted_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_131023 Medium parameters used: f = 836.5 MHz; σ = 0.917 S/m; ε_r = 41.014; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0973 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.158 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.101 W/kg
SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.068 W/kg
Maximum value of SAR (measured) = 0.0941 W/kg



0 dB = 0.0941 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.23

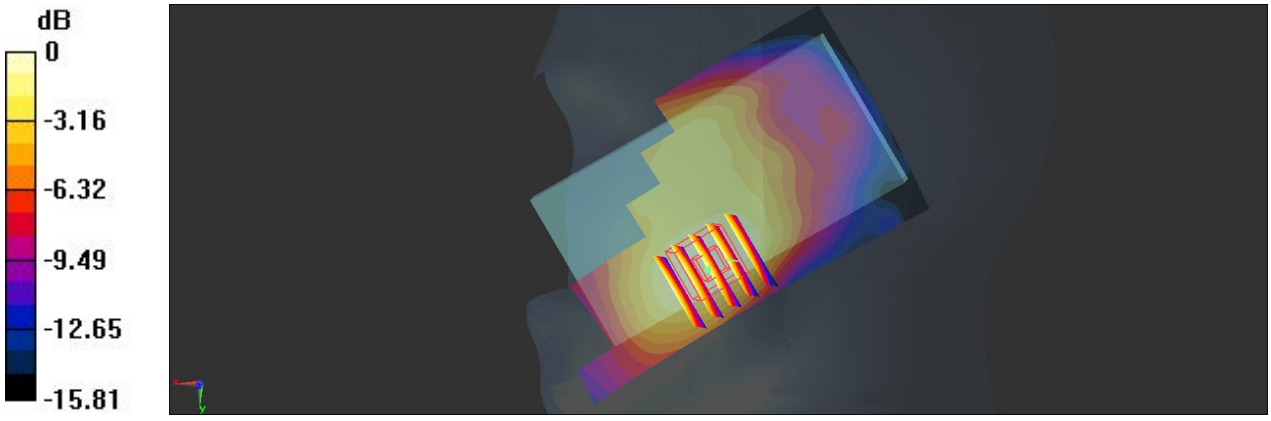
22 WCDMA Band II_RMC 12.2K_Right Cheek_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131023 Medium parameters used: f = 1852.4 MHz; σ = 1.364 S/m; ε_r = 40.803; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9262/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.370 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.308 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.394 W/kg
SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.180 W/kg
Maximum value of SAR (measured) = 0.341 W/kg



0 dB = 0.341 W/kg

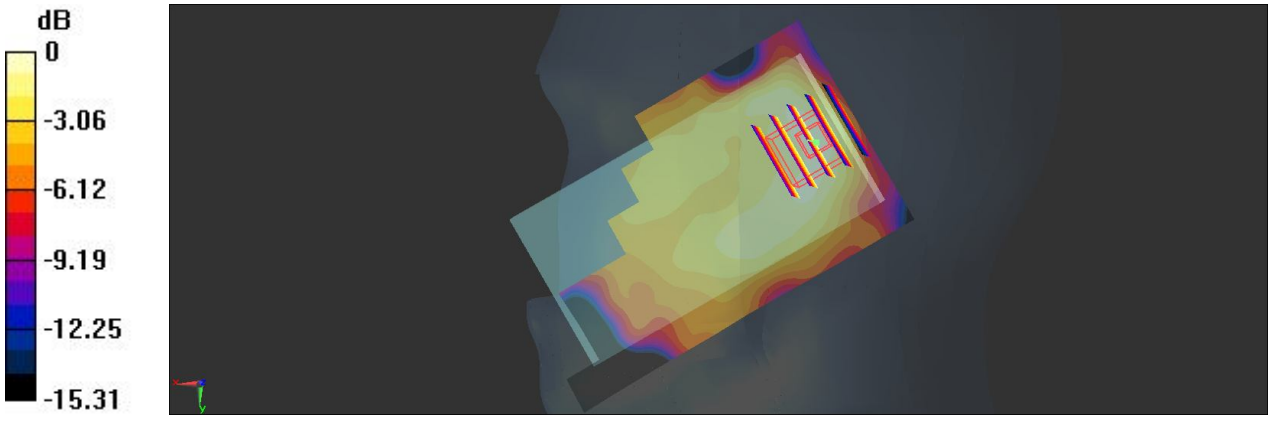
23 WCDMA Band II_RMC 12.2K_Right Tilted_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131023 Medium parameters used: f = 1852.4 MHz; σ = 1.364 S/m; ε_r = 40.803; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9262/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.101 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.977 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.047 W/kg
Maximum value of SAR (measured) = 0.0983 W/kg



0 dB = 0.0983 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.23

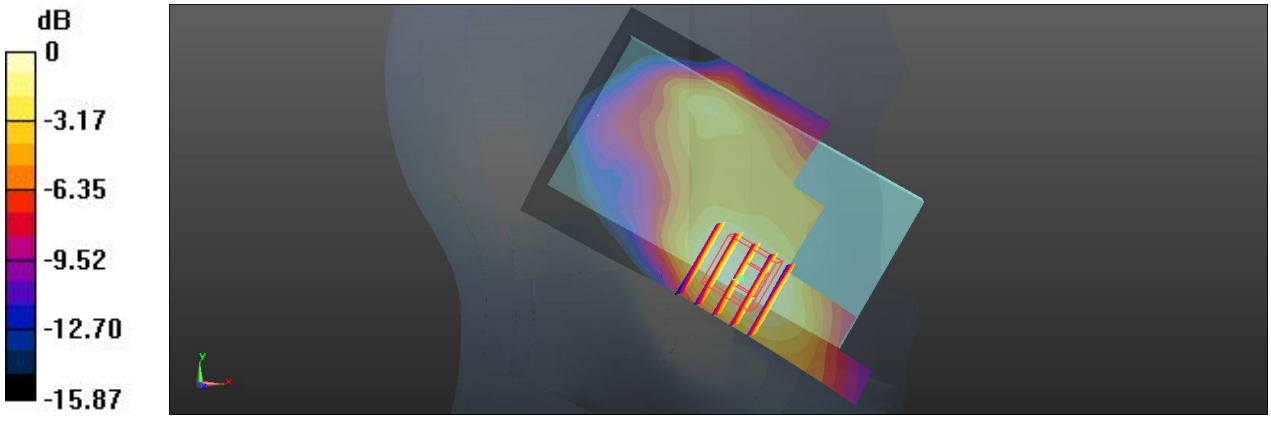
24 WCDMA Band II_RMC 12.2K_Left Cheek_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131023 Medium parameters used: f = 1852.4 MHz; σ = 1.364 S/m; ε_r = 40.803; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9262/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.407 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.086 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.460 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.210 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: 2013.10.23

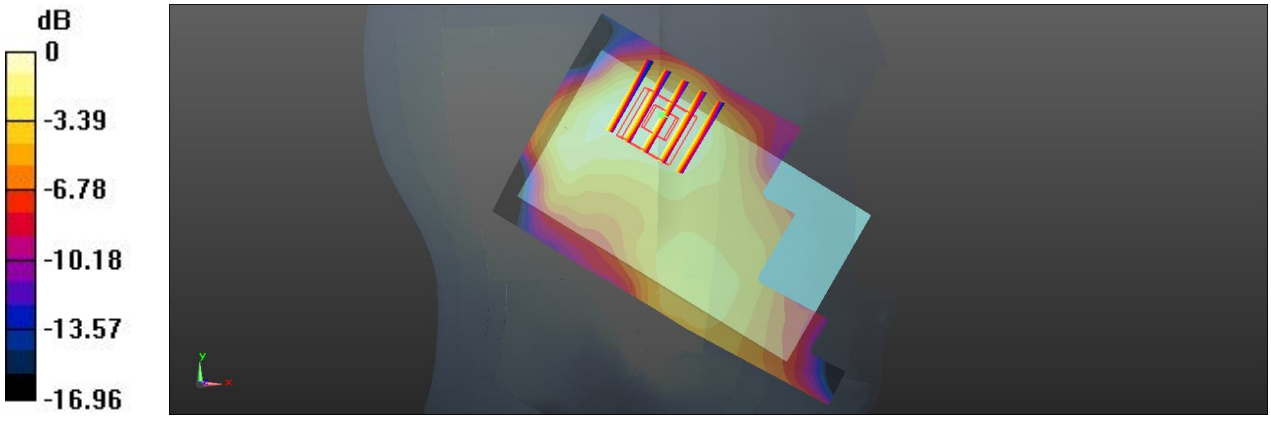
25 WCDMA Band II_RMC 12.2K_Left Tilted_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131023 Medium parameters used: f = 1852.4 MHz; σ = 1.364 S/m; ε_r = 40.803; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

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 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9262/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.145 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.202 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.165 W/kg
SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.071 W/kg
Maximum value of SAR (measured) = 0.139 W/kg



0 dB = 0.139 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.24

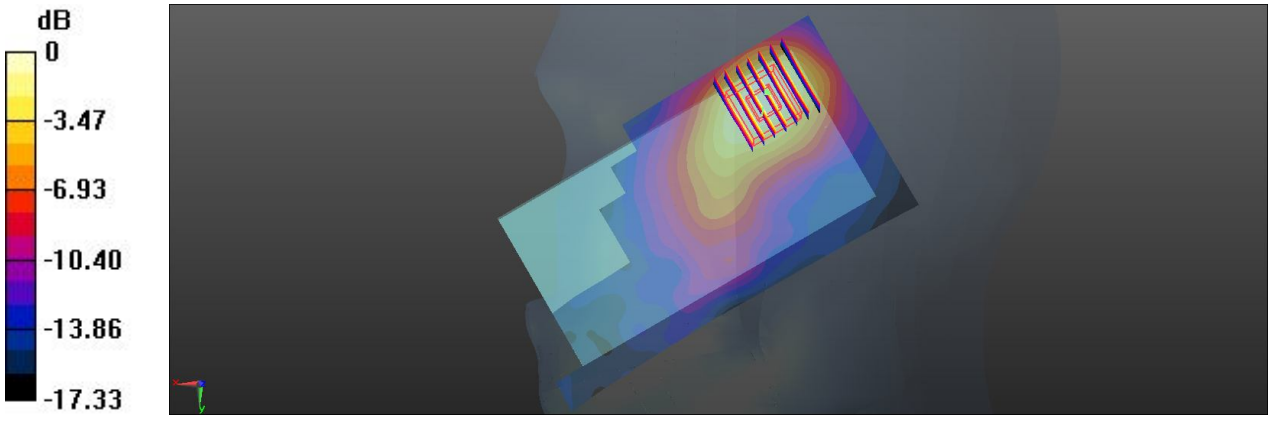
48 WLAN 2.4GHz_802.11b_Right Cheek_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_131024 Medium parameters used: f = 2412 MHz; σ = 1.814 S/m; ε_r = 37.834; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; 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 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 (71x131x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.290 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.637 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.333 W/kg
SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.111 W/kg
Maximum value of SAR (measured) = 0.270 W/kg



0 dB = 0.270 W/kg

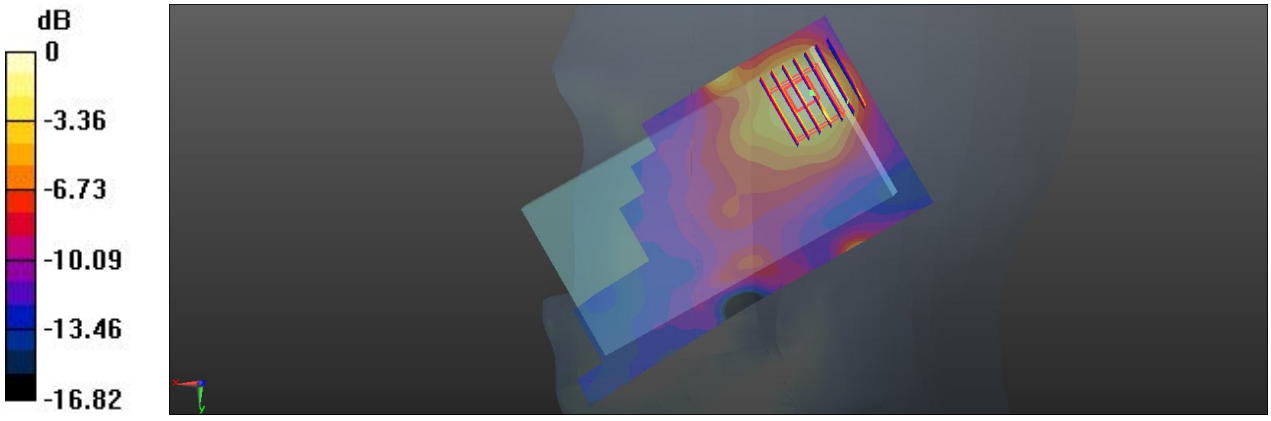
49 WLAN 2.4GHz_802.11b_Right Tilted_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_131024 Medium parameters used: f = 2412 MHz; σ = 1.814 S/m; ε_r = 37.834; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; 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 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 (71x131x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.158 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.243 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.264 W/kg
SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.065 W/kg
Maximum value of SAR (measured) = 0.191 W/kg



0 dB = 0.191 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.24

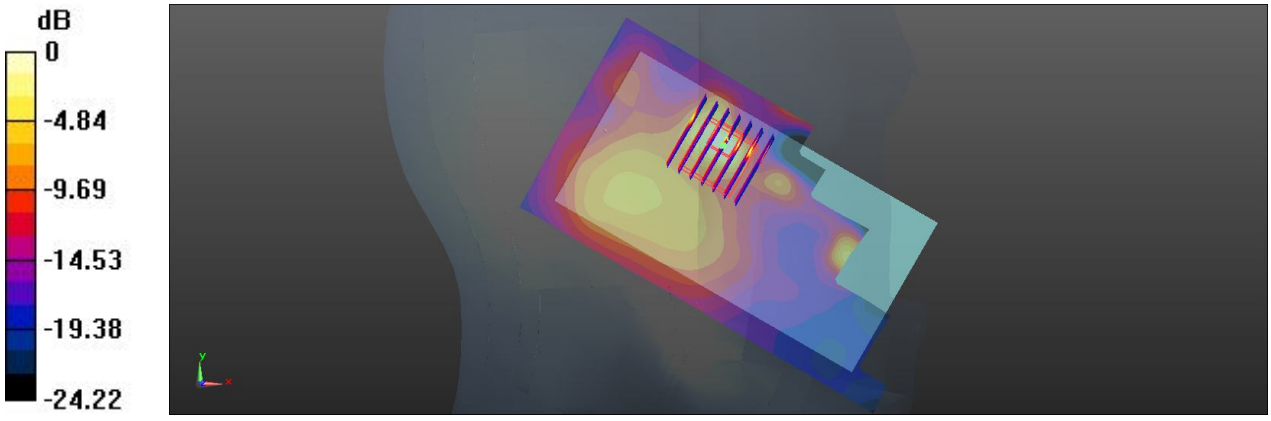
50 WLAN 2.4GHz_802.11b_Left Cheek_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_131024 Medium parameters used: f = 2412 MHz; σ = 1.814 S/m; ε_r = 37.834; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; 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 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 (71x131x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.535 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.418 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.598 W/kg
SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.041 W/kg
Maximum value of SAR (measured) = 0.455 W/kg



0 dB = 0.455 W/kg

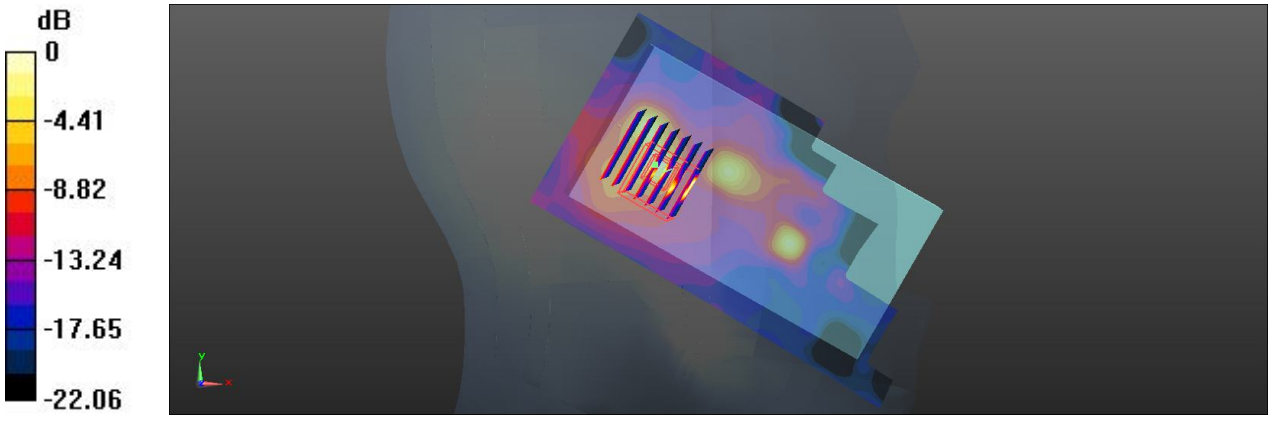
51 WLAN 2.4GHz_802.11b_Left Tilted_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_131024 Medium parameters used: f = 2412 MHz; σ = 1.814 S/m; ε_r = 37.834; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; 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 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 (71x131x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.415 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.163 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.052 W/kg
Maximum value of SAR (measured) = 0.498 W/kg



0 dB = 0.498 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.25

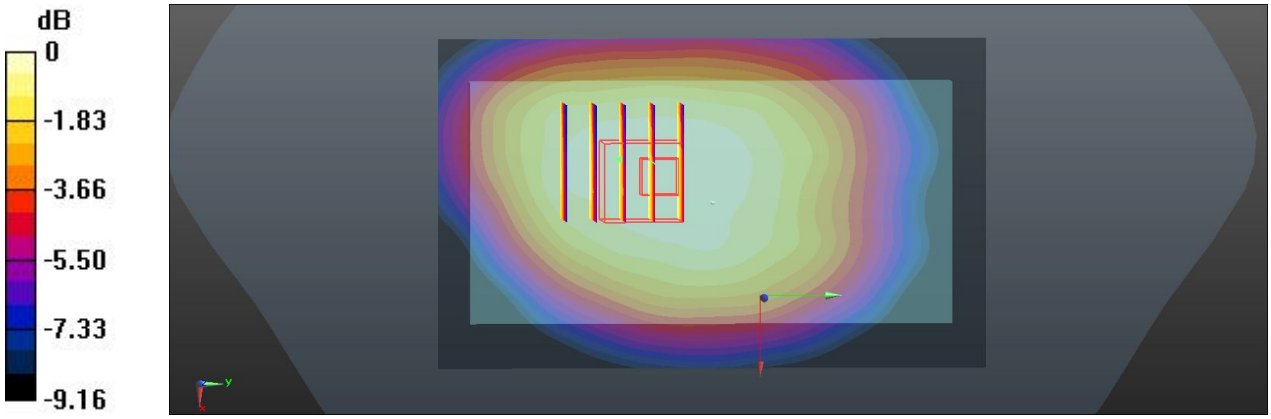
36 GSM850_GPRS (GMSK 3 Tx slots)_Front_1cm_Ch128

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_131025 Medium parameters used: f = 824.2 MHz; σ = 0.981 S/m; ε_r = 55.787; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.328 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.851 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.360 W/kg
SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.228 W/kg
Maximum value of SAR (measured) = 0.331 W/kg



0 dB = 0.331 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.25

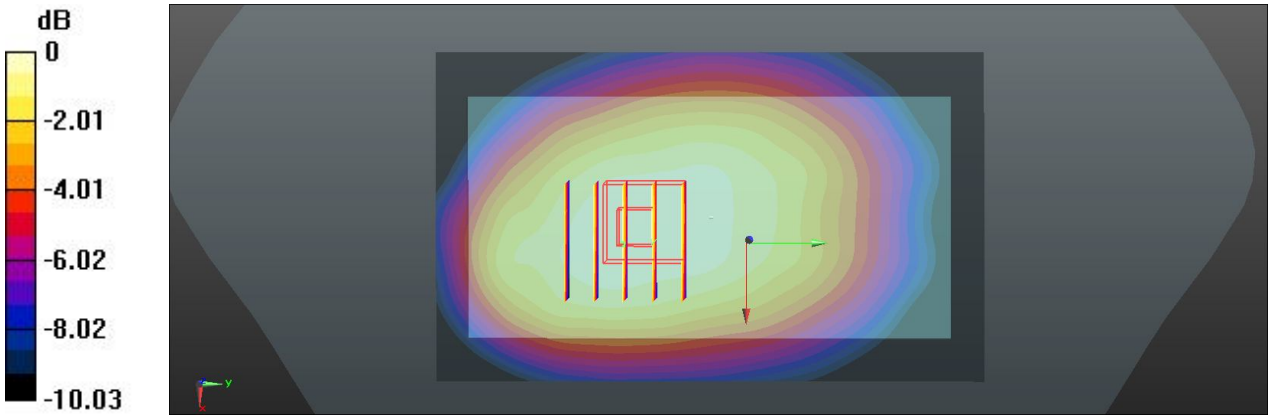
37 GSM850_GPRS (GMSK 3 Tx slots)_Back_1cm_Ch128

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_131025 Medium parameters used: f = 824.2 MHz; σ = 0.981 S/m; ε_r = 55.787; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.547 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.307 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.596 W/kg
SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.370 W/kg
Maximum value of SAR (measured) = 0.541 W/kg



0 dB = 0.541 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.25

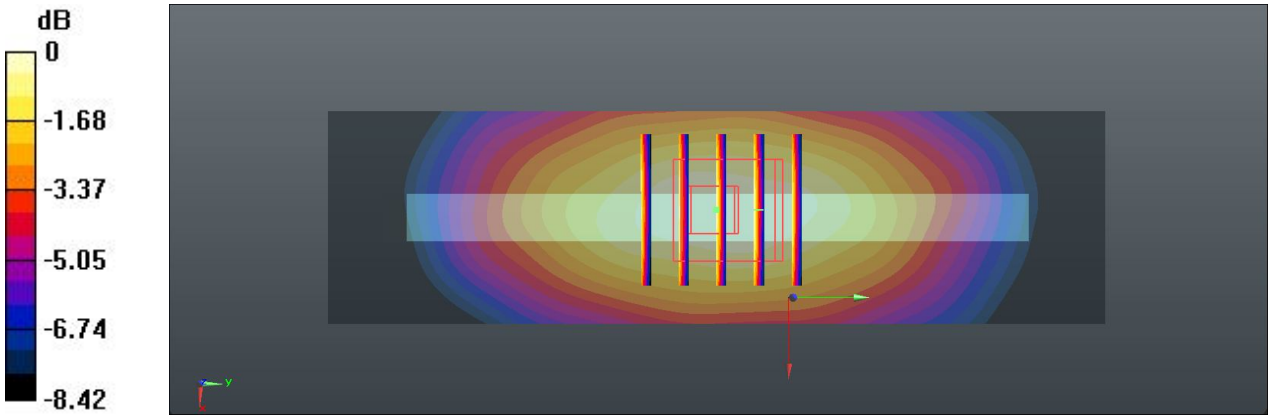
38 GSM850_GPRS (GMSK 3 Tx slots)_Left side_1cm_Ch128

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_131025 Medium parameters used: f = 824.2 MHz; σ = 0.981 S/m; ε_r = 55.787; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (31x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.300 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.140 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.340 W/kg
SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.180 W/kg
Maximum value of SAR (measured) = 0.300 W/kg



0 dB = 0.300 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.25

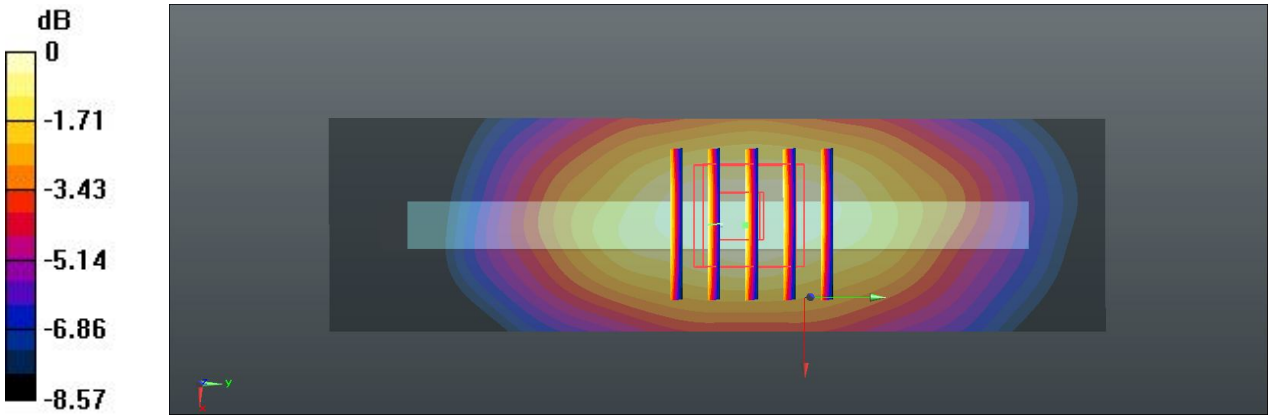
39 GSM850_GPRS (GMSK 3 Tx slots)_Right side_1cm_Ch128

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_131025 Medium parameters used: f = 824.2 MHz; σ = 0.981 S/m; ε_r = 55.787; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (31x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.304 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.146 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.347 W/kg
SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.184 W/kg
Maximum value of SAR (measured) = 0.303 W/kg



0 dB = 0.303 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.25

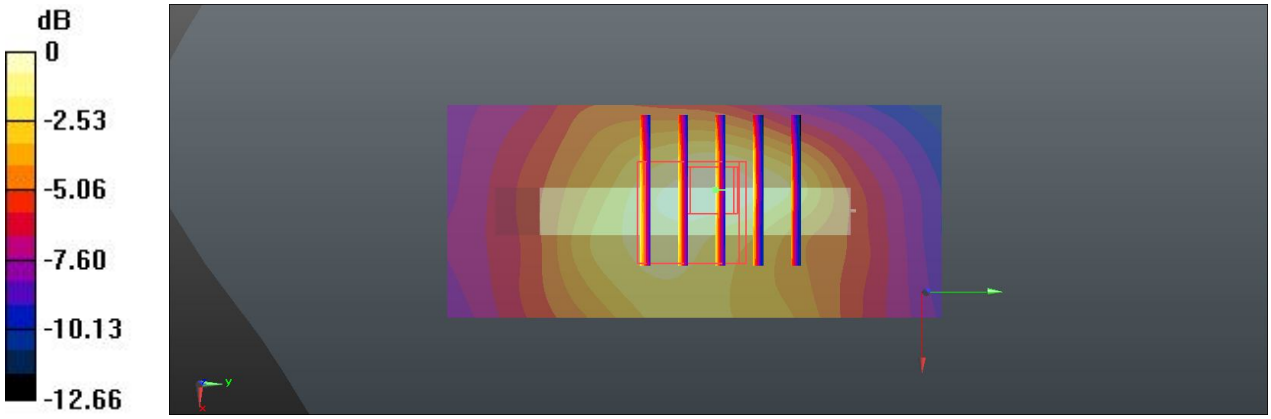
40 GSM850_GPRS (GMSK 3 Tx slots)_Bottom side_1cm_Ch128

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_131025 Medium parameters used: f = 824.2 MHz; σ = 0.981 S/m; ε_r = 55.787; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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 2; Type: QD 000 P40 C; Serial: TP-1754
- 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) = 0.0645 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.109 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0840 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.028 W/kg
Maximum value of SAR (measured) = 0.0644 W/kg



0 dB = 0.0644 W/kg

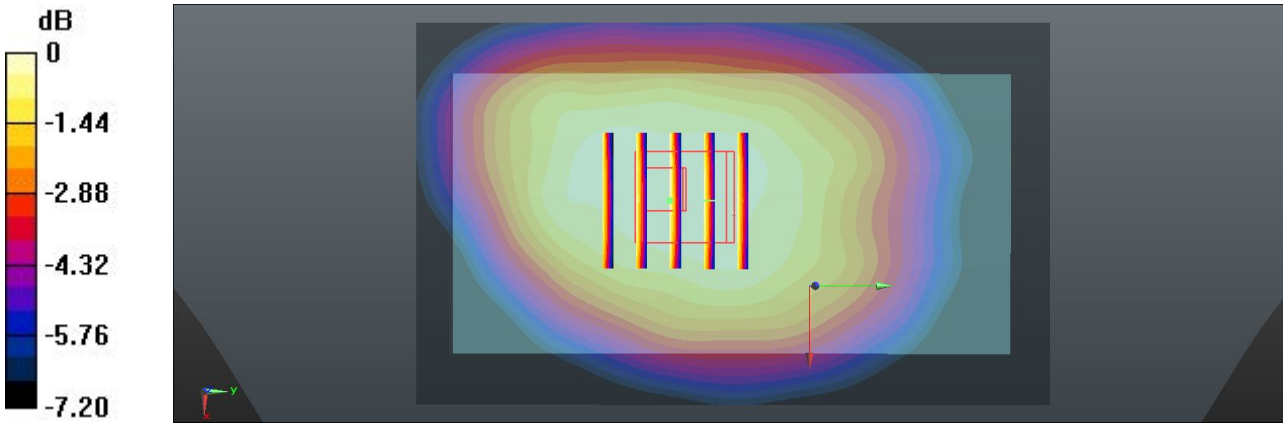
41 GSM850_GSM Voice_Front_1cm_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_131025 Medium parameters used: f = 824.2 MHz; σ = 0.981 S/m; ε_r = 55.787; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； 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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.325 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.557 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.225 W/kg
Maximum value of SAR (measured) = 0.321 W/kg



0 dB = 0.321 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.25

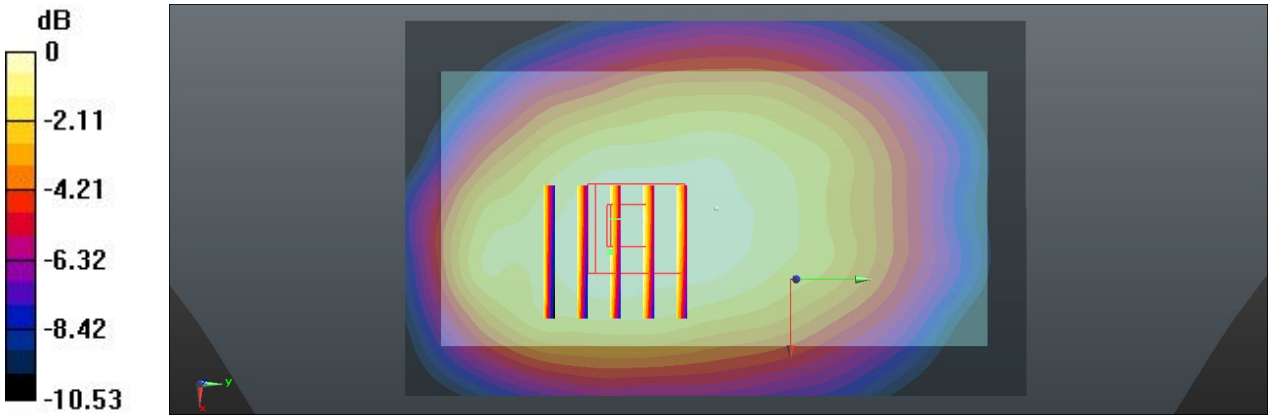
42 GSM850_GSM Voice_Back_1cm_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_131025 Medium parameters used: f = 824.2 MHz; σ = 0.981 S/m; ε_r = 55.787; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch128/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.533 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.760 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.581 W/kg
SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.354 W/kg
Maximum value of SAR (measured) = 0.526 W/kg



0 dB = 0.526 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.21

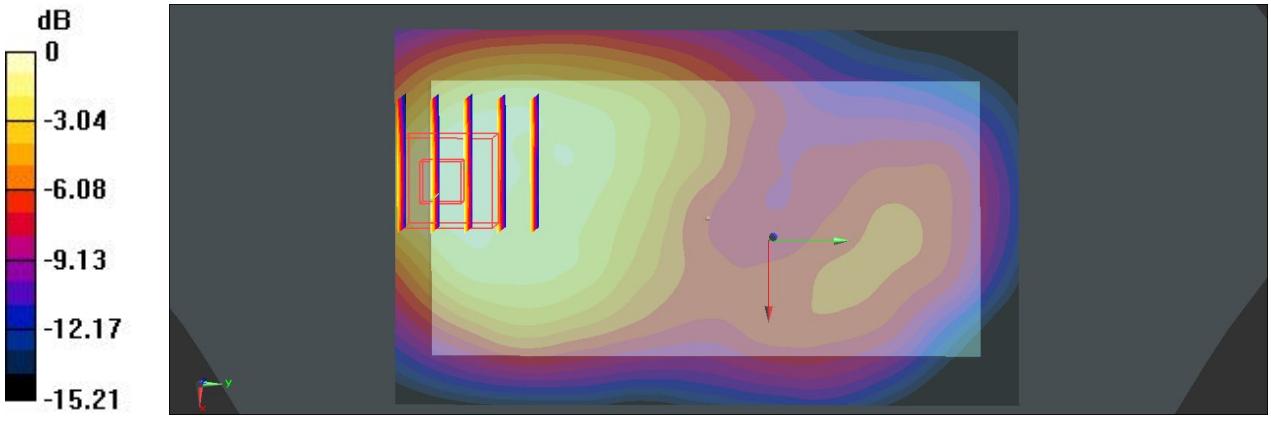
01 GSM1900_GPRS (GMSK 3 Tx slots)_Front_1cm_Ch810

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_131021 Medium parameters used: f = 1910 MHz; σ = 1.537 S/m; ε_r = 53.954; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.499 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.366 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.603 W/kg
SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.223 W/kg
Maximum value of SAR (measured) = 0.478 W/kg



0 dB = 0.478 W/kg

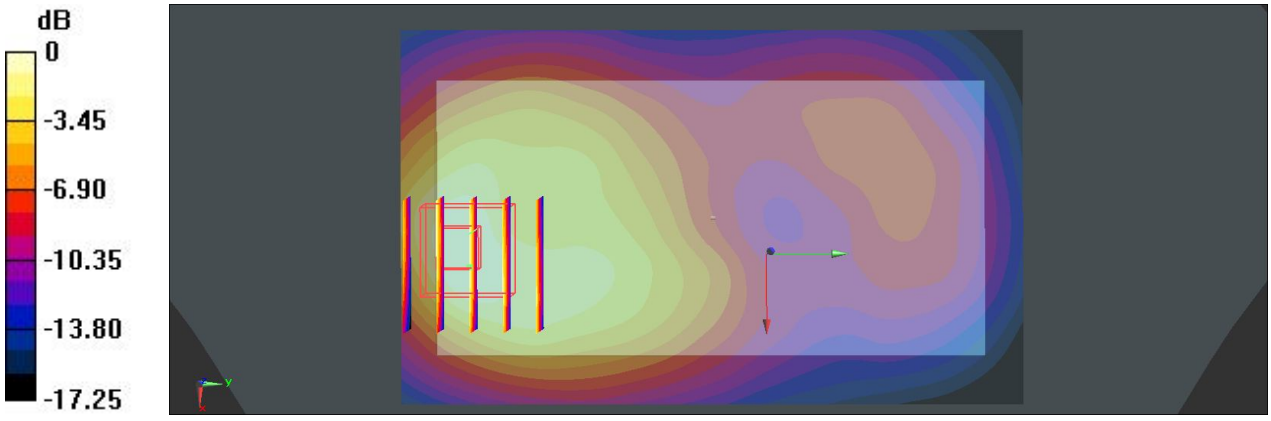
02 GSM1900_GPRS (GMSK 3 Tx slots)_Back_1cm_Ch810

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_131021 Medium parameters used: f = 1910 MHz; σ = 1.537 S/m; ε_r = 53.954; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.794 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.244 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.908 W/kg
SAR(1 g) = 0.581 W/kg; SAR(10 g) = 0.331 W/kg
Maximum value of SAR (measured) = 0.720 W/kg



0 dB = 0.720 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.21

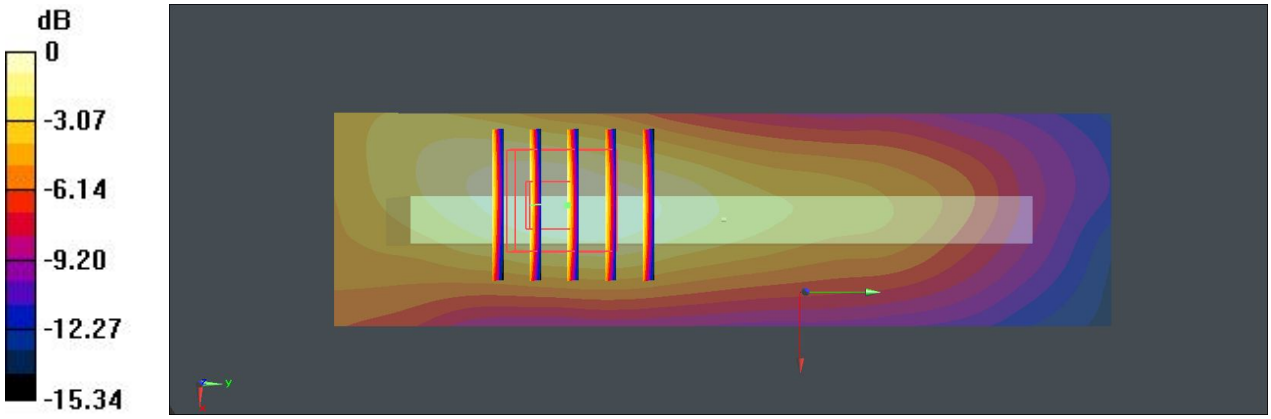
03 GSM1900_GPRS (GMSK 3 Tx slots)_Left Side_1cm_Ch810

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_131021 Medium parameters used: f = 1910 MHz; σ = 1.537 S/m; ε_r = 53.954; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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 (31x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.174 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.494 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.207 W/kg
SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.079 W/kg
Maximum value of SAR (measured) = 0.174 W/kg



0 dB = 0.174 W/kg

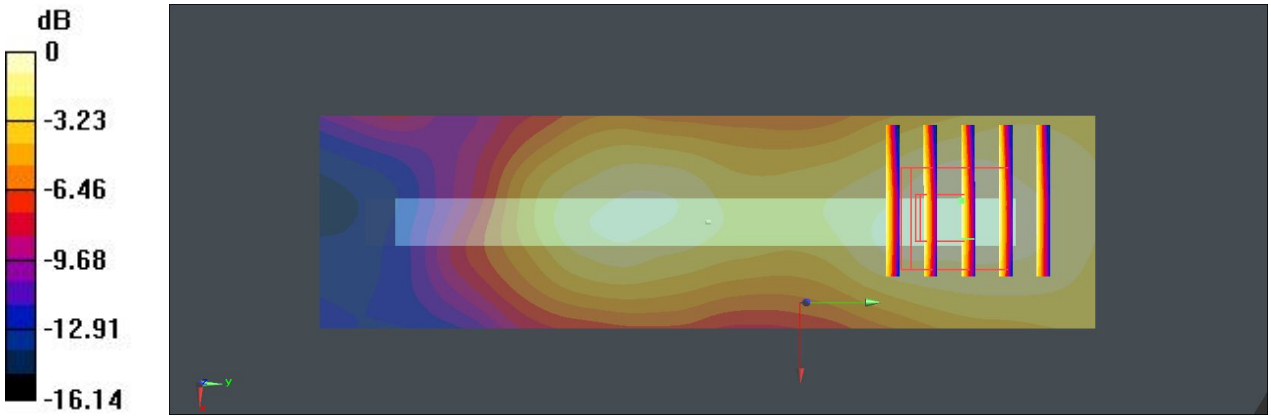
04 GSM1900_GPRS (GMSK 3 Tx slots)_Right Side_1cm_Ch810

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_131021 Medium parameters used: f = 1910 MHz; σ = 1.537 S/m; ε_r = 53.954; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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 (31x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0890 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.674 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.116 W/kg
SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.044 W/kg
Maximum value of SAR (measured) = 0.0900 W/kg



0 dB = 0.0900 W/kg

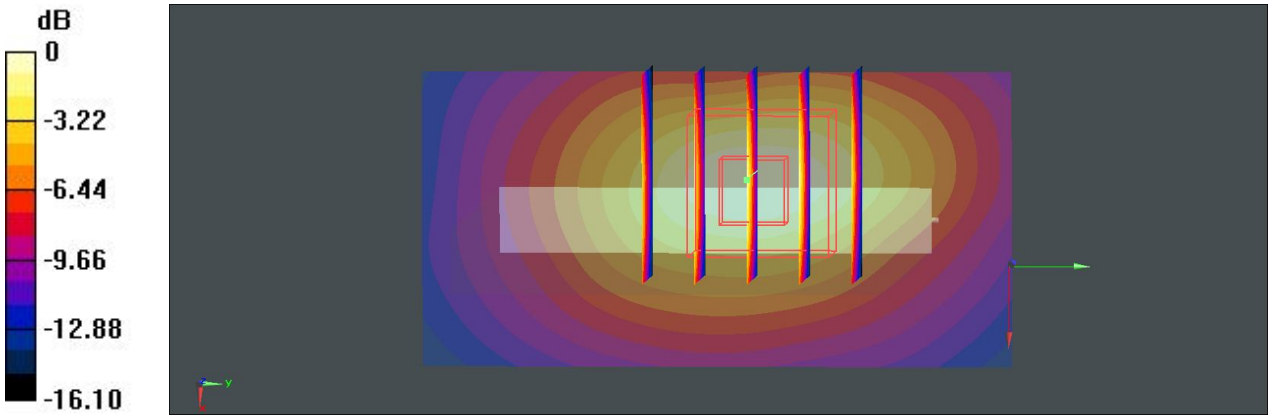
05 GSM1900_GPRS (GMSK 3 Tx slots)_Bottom side_1cm_Ch810

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_131021 Medium parameters used: f = 1910 MHz; σ = 1.537 S/m; ε_r = 53.954; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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 (31x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.817 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.249 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.340 W/kg
Maximum value of SAR (measured) = 0.817 W/kg



0 dB = 0.817 W/kg

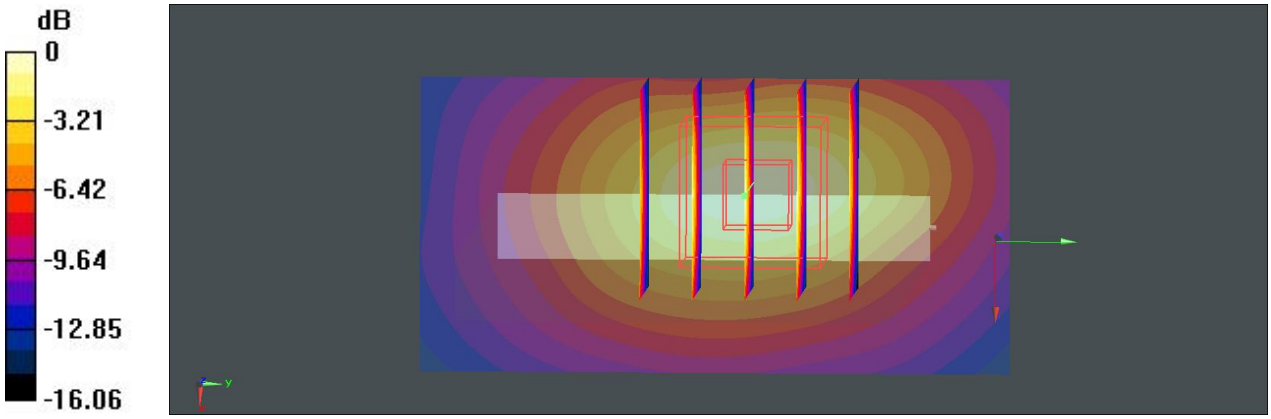
06 GSM1900_GPRS (GMSK 3 Tx slots)_Bottom side_1cm_Ch512

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 1850.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_131021 Medium parameters used: f = 1850.2 MHz; σ = 1.469 S/m; ε_r = 54.083; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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 (31x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.710 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.069 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.888 W/kg
SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.301 W/kg
Maximum value of SAR (measured) = 0.759 W/kg



0 dB = 0.759 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.21

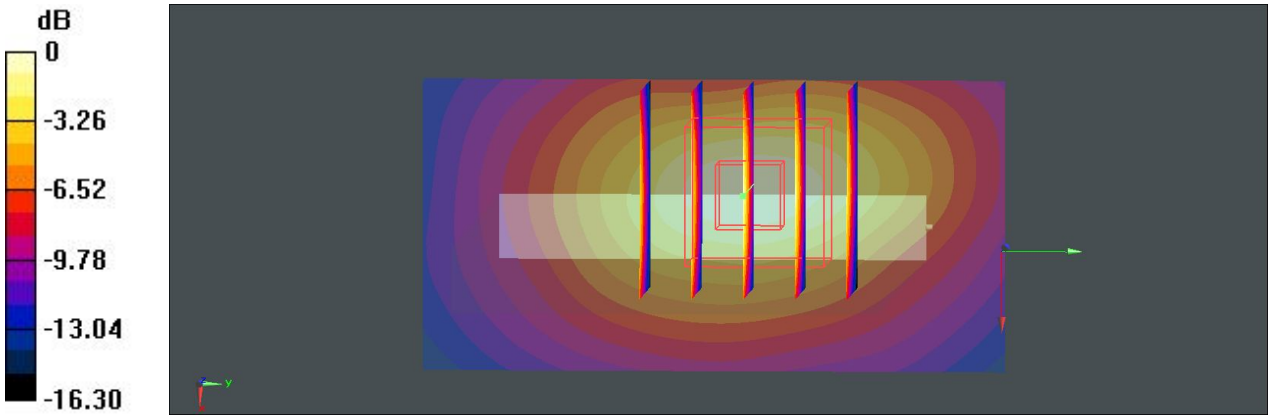
07 GSM1900_GPRS (GMSK 3 Tx slots)_Bottom side_1cm_Ch661

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_131021 Medium parameters used: f = 1880 MHz; σ = 1.507 S/m; ε_r = 54.011; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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 (31x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.754 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.178 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.919 W/kg
SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.316 W/kg
Maximum value of SAR (measured) = 0.769 W/kg



0 dB = 0.769 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.21

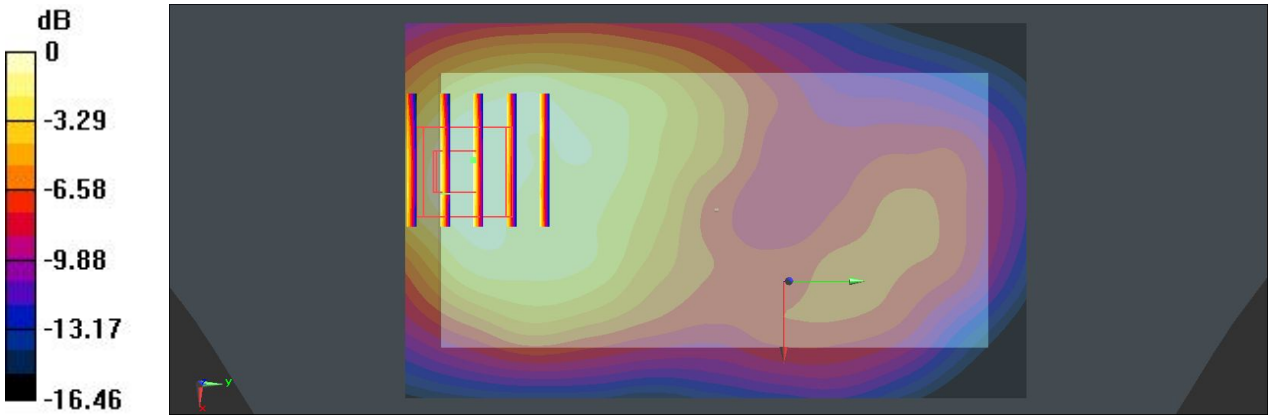
08 GSM1900_GSM Voice_Front_1cm_Ch810

Communication System: GSM Voice;Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_131021 Medium parameters used: f = 1910 MHz; σ = 1.537 S/m; ε_r = 53.954; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.465 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.930 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.545 W/kg
SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.199 W/kg
Maximum value of SAR (measured) = 0.424 W/kg



0 dB = 0.424 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.21

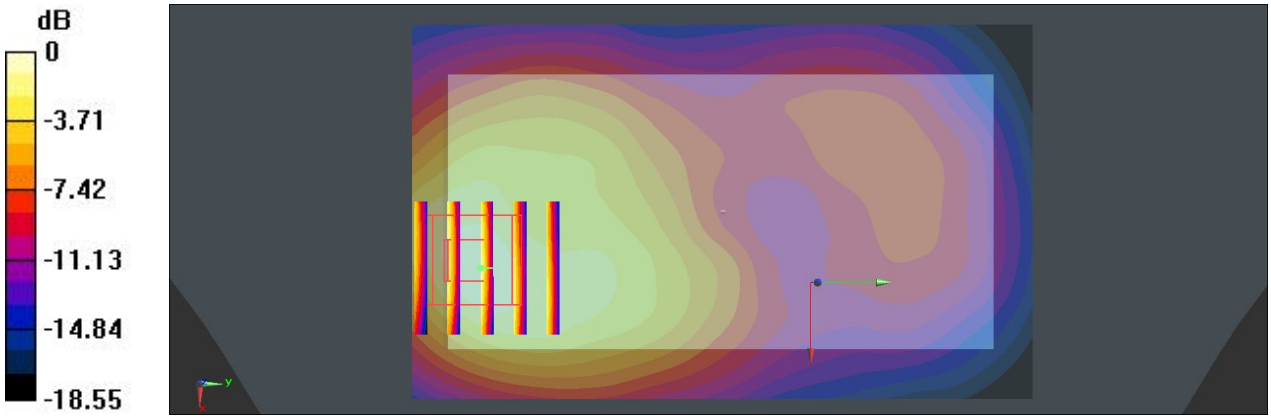
09 GSM1900_GSM Voice_Back_1cm_Ch810

Communication System: GSM Voice;Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_131021 Medium parameters used: f = 1910 MHz; σ = 1.537 S/m; ε_r = 53.954; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.704 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.061 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.784 W/kg
SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.285 W/kg
Maximum value of SAR (measured) = 0.654 W/kg



0 dB = 0.654 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.25

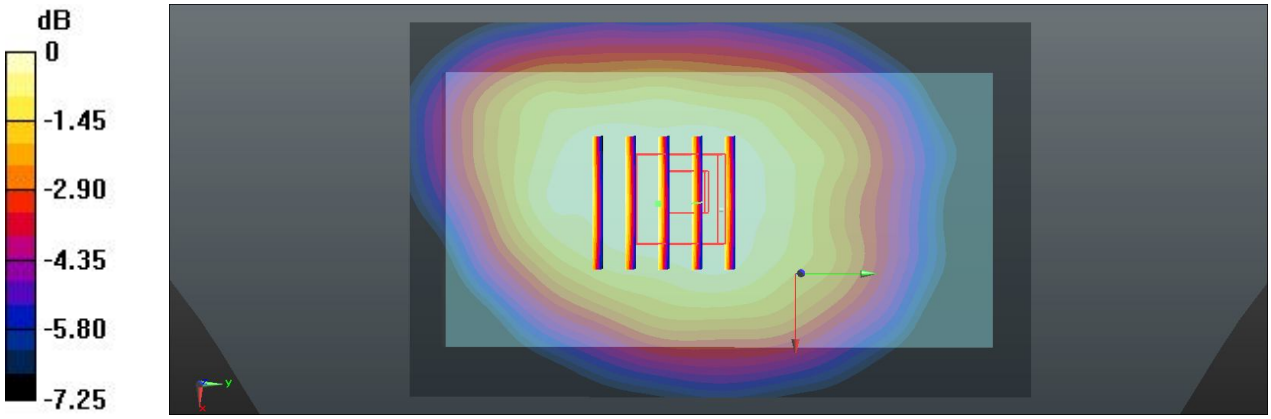
43 WCDMA Band V_RMC 12.2K_Front_1cm_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_131025 Medium parameters used: f = 836.4 MHz; σ = 0.992 S/m; ε_r = 55.684; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.200 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.810 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.209 W/kg
SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.134 W/kg
Maximum value of SAR (measured) = 0.192 W/kg



0 dB = 0.192 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.25

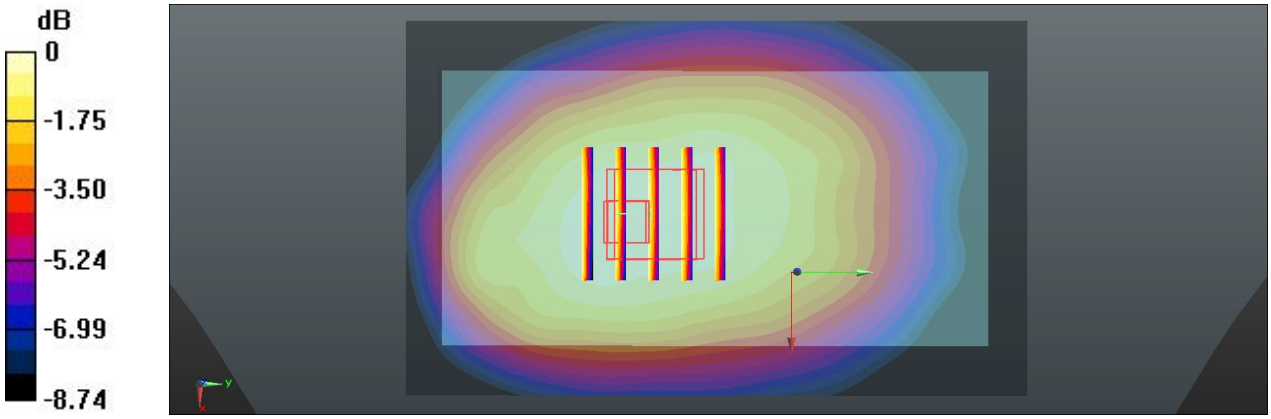
44 WCDMA Band V_RMC 12.2K_Back_1cm_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_131025 Medium parameters used: f = 836.4 MHz; σ = 0.992 S/m; ε_r = 55.684; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.322 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.137 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.350 W/kg
SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.216 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: 2013.10.25

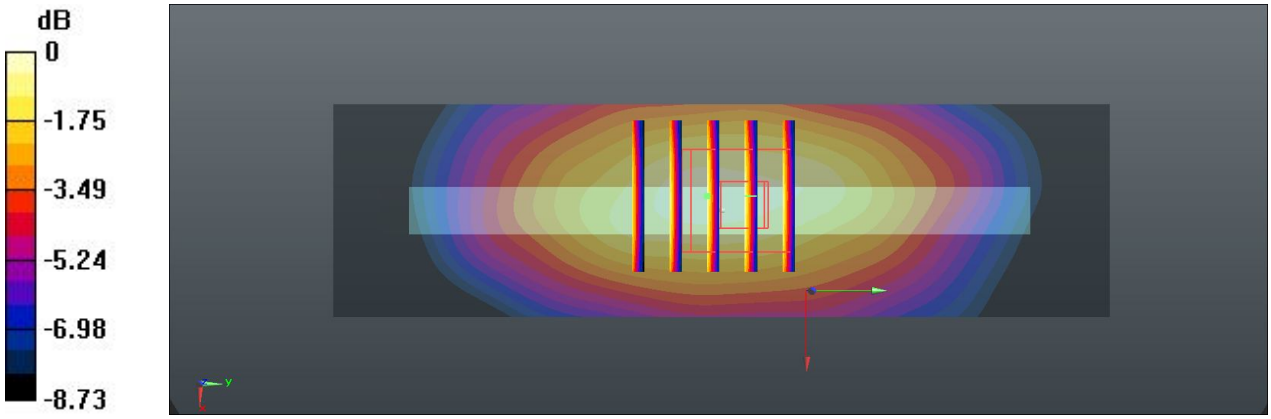
45 WCDMA Band V_RMC 12.2K_Left side_1cm_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_131025 Medium parameters used: f = 836.4 MHz; σ = 0.992 S/m; ε_r = 55.684; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (31x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.216 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.703 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.258 W/kg
SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.135 W/kg
Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.25

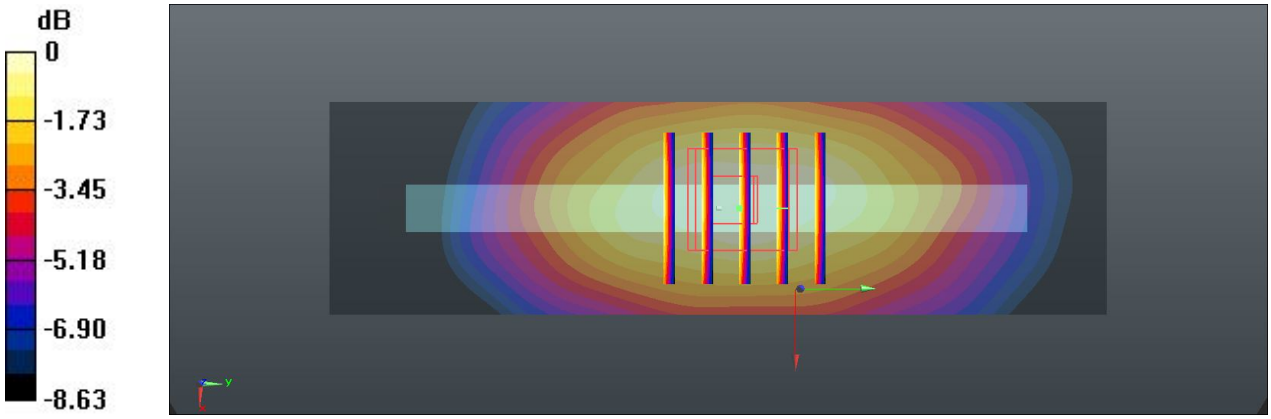
46 WCDMA Band V_RMC 12.2K_Right side_1cm_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_131025 Medium parameters used: f = 836.4 MHz; σ = 0.992 S/m; ε_r = 55.684; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (31x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.240 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.308 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.277 W/kg
SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 0.241 W/kg



0 dB = 0.241 W/kg

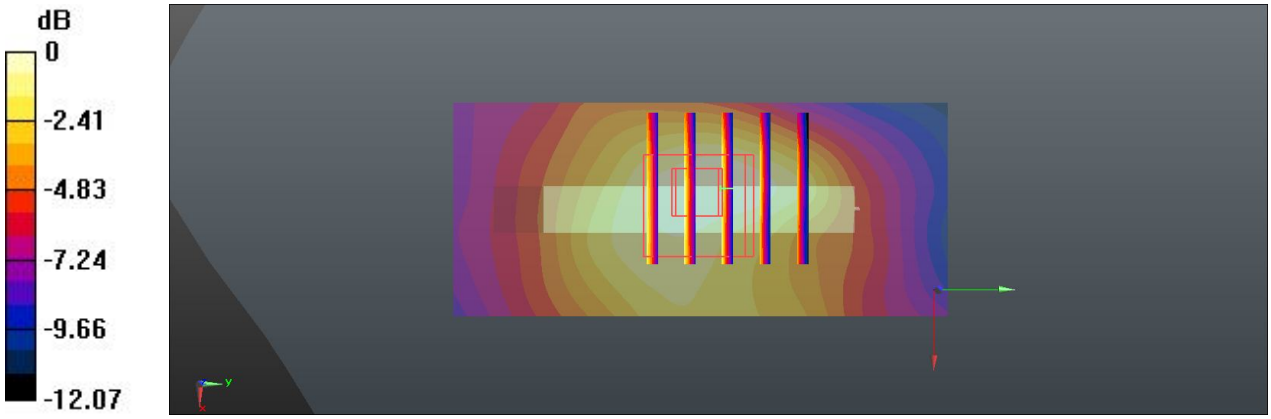
47 WCDMA Band V_RMC 12.2K_Bottom side_1cm_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_131025 Medium parameters used: f = 836.4 MHz; σ = 0.992 S/m; ε_r = 55.684; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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 2; Type: QD 000 P40 C; Serial: TP-1754
- 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) = 0.0545 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.685 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.0640 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.0504 W/kg



0 dB = 0.0504 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.21

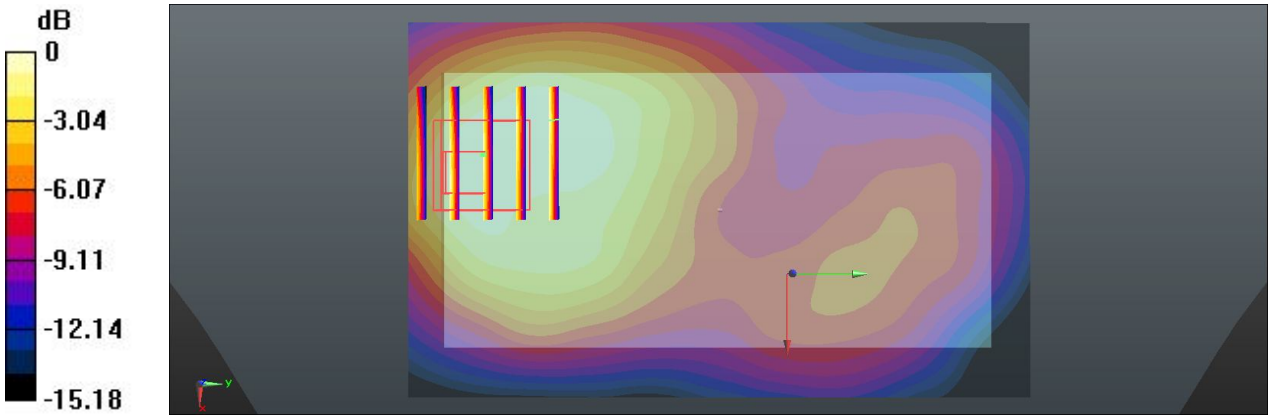
26 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: f = 1852.4 MHz; σ = 1.472 S/m; ε_r = 54.075; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.776 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.297 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.891 W/kg
SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.343 W/kg
Maximum value of SAR (measured) = 0.715 W/kg



0 dB = 0.715 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.21

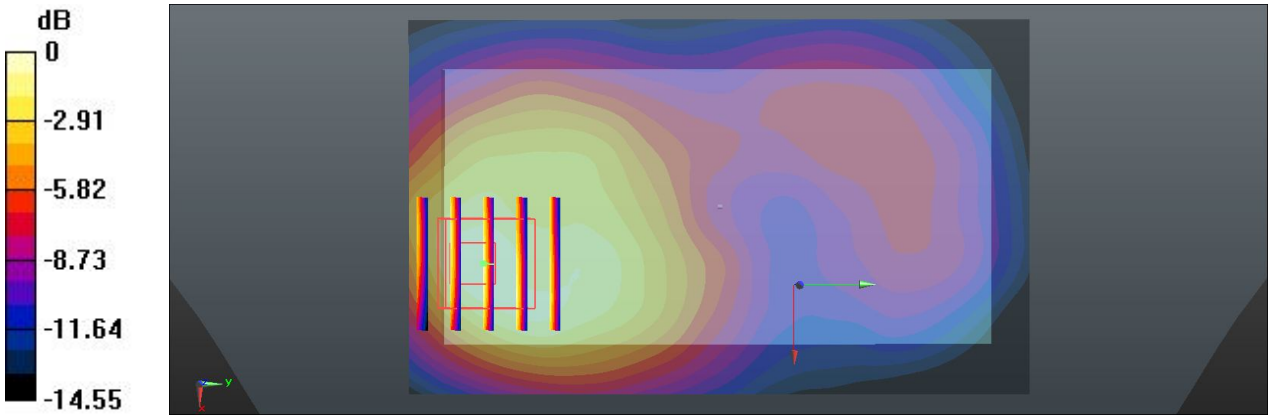
27 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: f = 1852.4 MHz; σ = 1.472 S/m; ε_r = 54.075; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.673 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.470 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.21

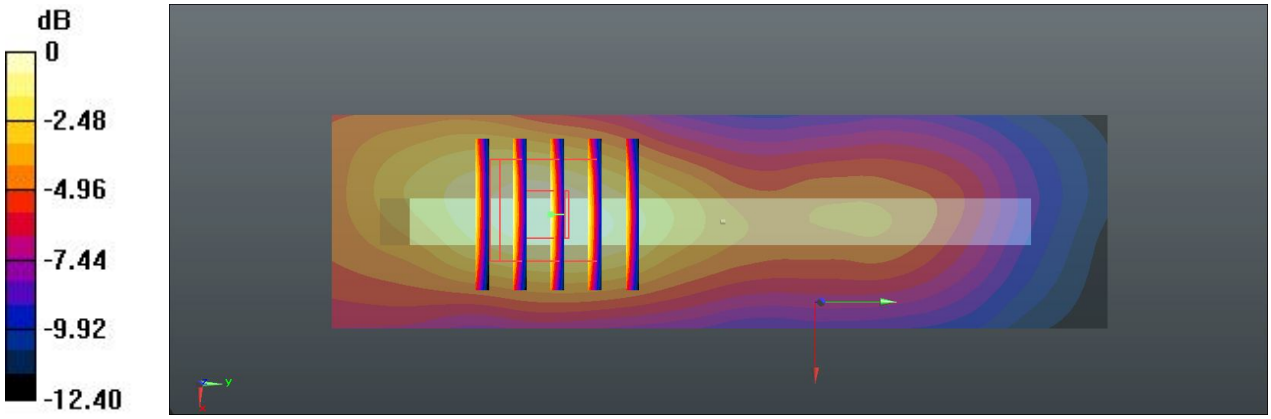
28 WCDMA Band II_RMC 12.2K_Left side_1cm_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: f = 1852.4 MHz; σ = 1.472 S/m; ε_r = 54.075; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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 (31x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.337 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.161 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.410 W/kg
SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.161 W/kg
Maximum value of SAR (measured) = 0.342 W/kg



0 dB = 0.342 W/kg

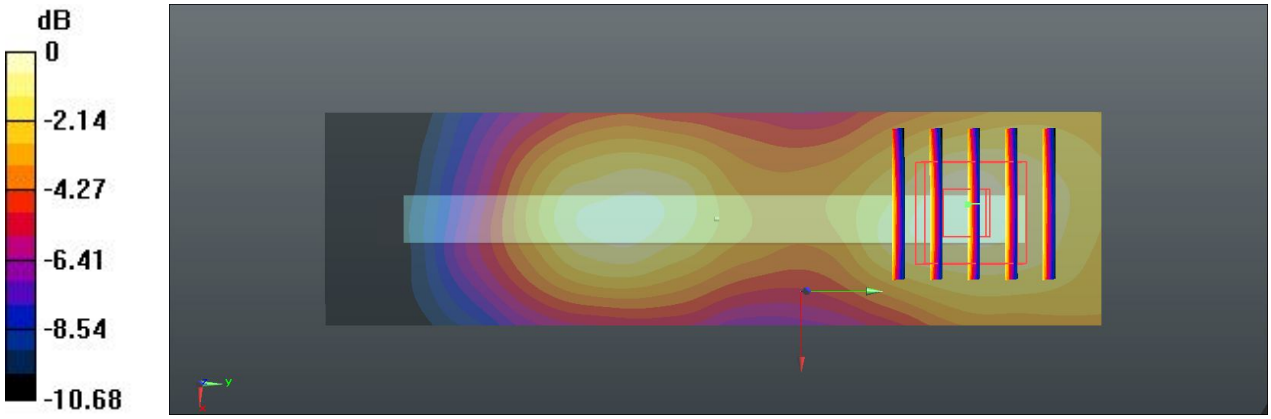
29 WCDMA Band II_RMC 12.2K_Right side_1cm_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: f = 1852.4 MHz; σ = 1.472 S/m; ε_r = 54.075; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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 (31x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.160 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.845 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.199 W/kg
SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.166 W/kg



0 dB = 0.166 W/kg

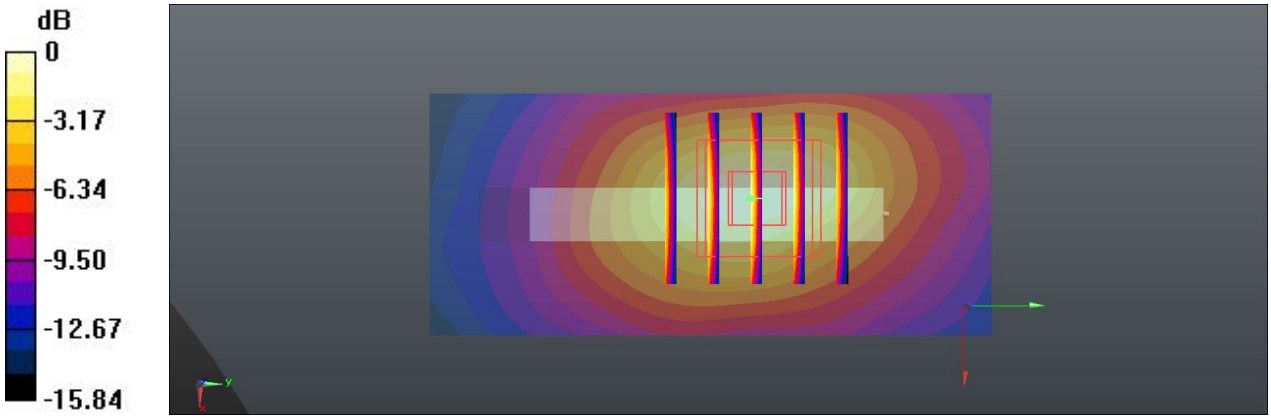
30 WCDMA Band II_RMC 12.2K_Bottom side_1cm_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: f = 1852.4 MHz; σ = 1.472 S/m; ε_r = 54.075; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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) = 1.01 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.508 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.422 W/kg
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.21

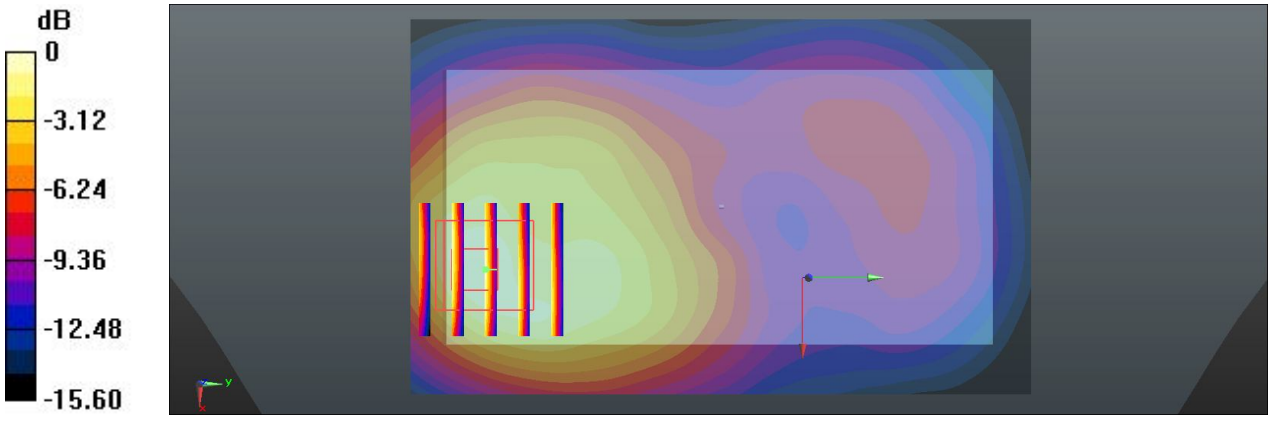
31 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: f = 1880 MHz; σ = 1.507 S/m; ε_r = 54.011; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.37 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.219 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.962 W/kg; SAR(10 g) = 0.558 W/kg
Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.21

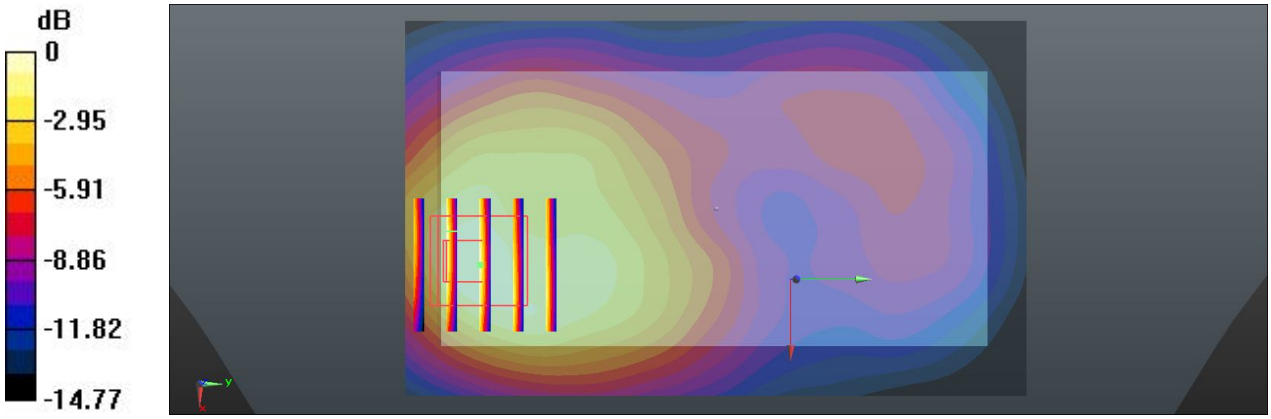
35 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9400_Repeat SAR

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: f = 1880 MHz; σ = 1.507 S/m; ε_r = 54.011; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.30 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.472 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.939 W/kg; SAR(10 g) = 0.548 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: 2013.10.21

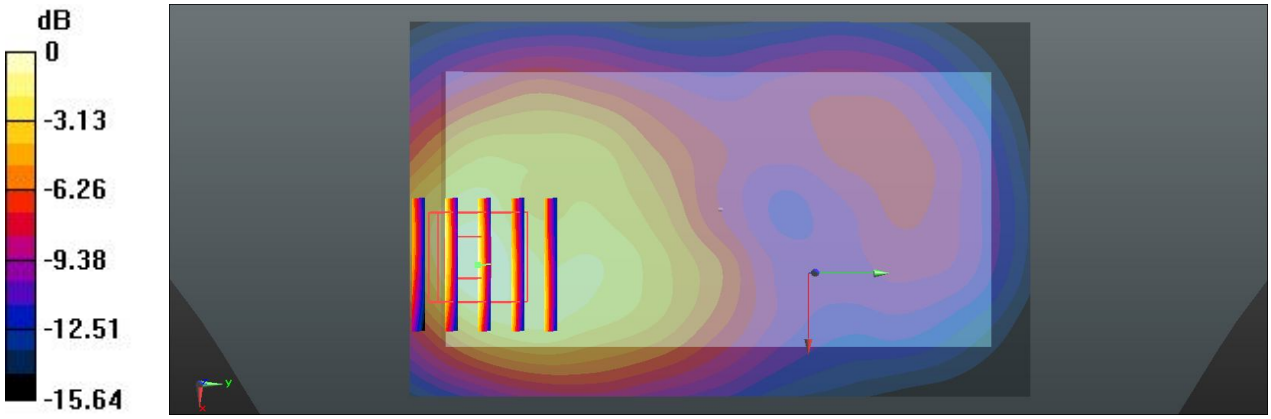
32 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9538

Communication System: WCDMA;Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: f = 1908 MHz; σ = 1.535 S/m; ε_r = 53.96; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.35 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.110 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.516 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg

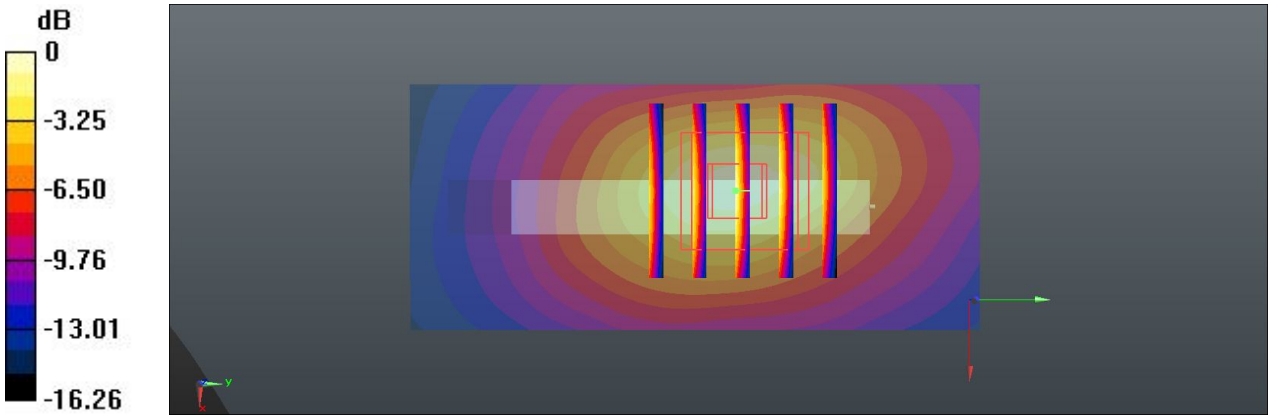
33 WCDMA Band II_RMC 12.2K_Bottom side_1cm_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: f = 1880 MHz; σ = 1.507 S/m; ε_r = 54.011; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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) = 0.923 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.905 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.410 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg

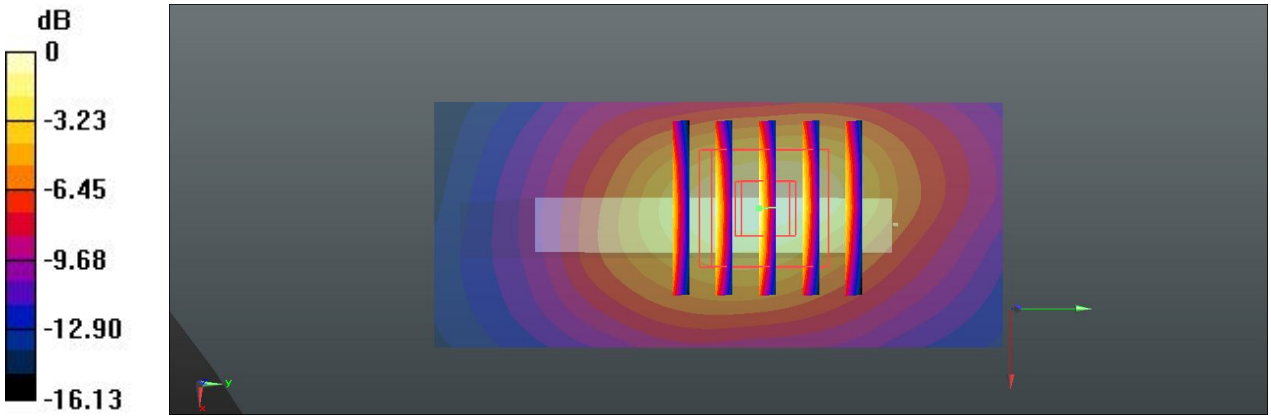
34 WCDMA Band II_RMC 12.2K_Bottom side_1cm_Ch9538

Communication System: WCDMA;Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131021 Medium parameters used: f = 1908 MHz; σ = 1.535 S/m; ε_r = 53.96; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

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) = 0.999 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.826 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.423 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg

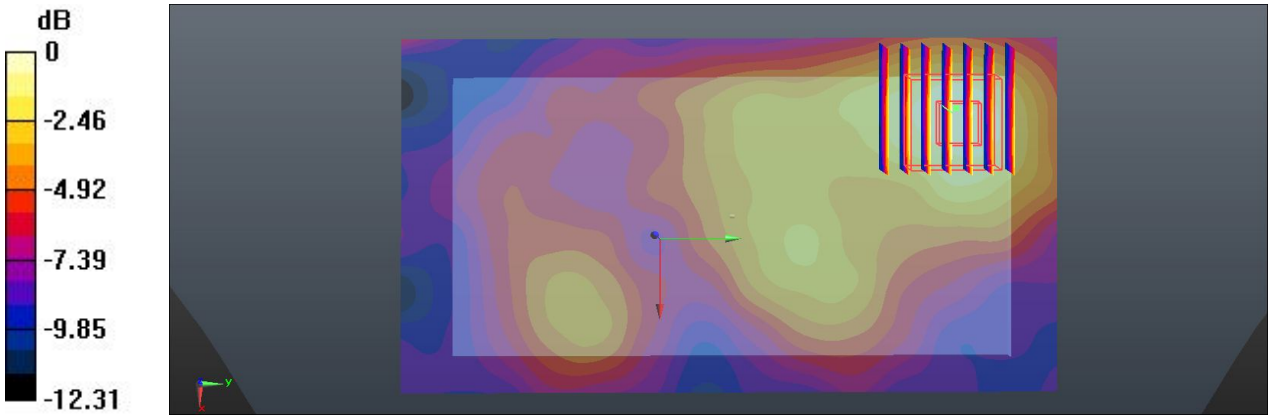
52 WLAN 2.4GHz_802.11b_Front_1cm_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_131025 Medium parameters used: f = 2412 MHz; σ = 1.868 S/m; ε_r = 51.275; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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 (71x131x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0518 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.699 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.0640 W/kg
SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.0512 W/kg



0 dB = 0.0512 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.25

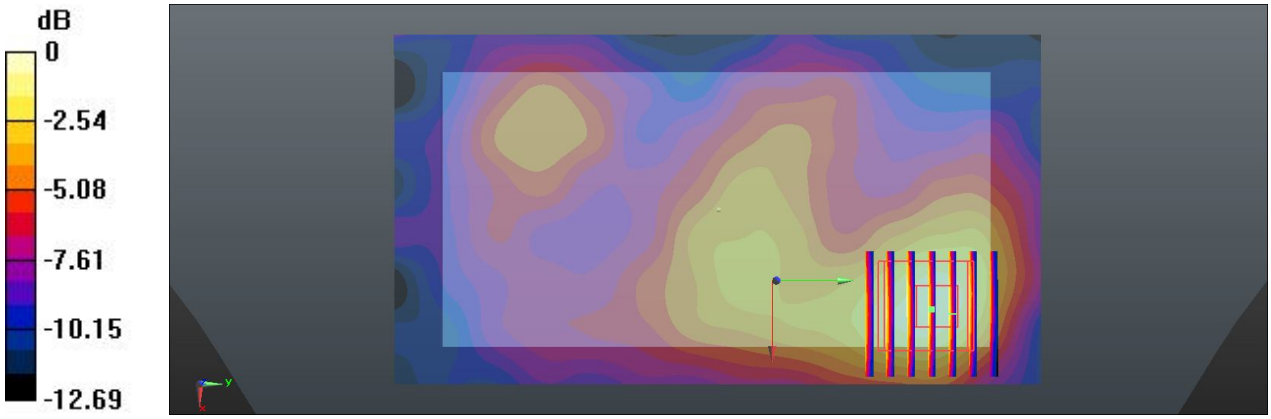
53 WLAN 2.4GHz_802.11b_Back_1cm_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_131025 Medium parameters used: f = 2412 MHz; σ = 1.868 S/m; ε_r = 51.275; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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 (71x131x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0722 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.564 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0920 W/kg
SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.030 W/kg
Maximum value of SAR (measured) = 0.0713 W/kg



0 dB = 0.0713 W/kg

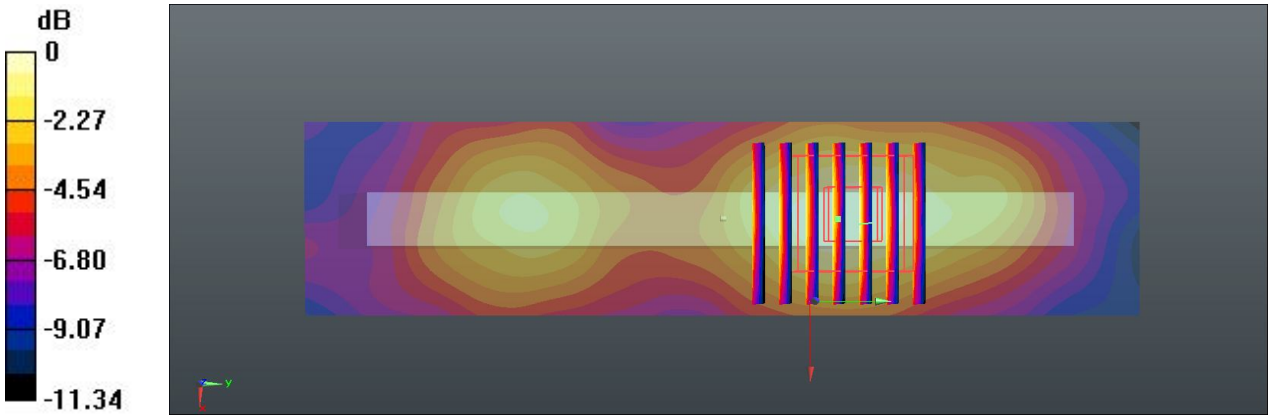
54 WLAN 2.4GHz_802.11b_Left side_1cm_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_131025 Medium parameters used: f = 2412 MHz; σ = 1.868 S/m; ε_r = 51.275; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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 (31x131x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0499 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.421 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.0630 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.0518 W/kg



0 dB = 0.0518 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.10.25

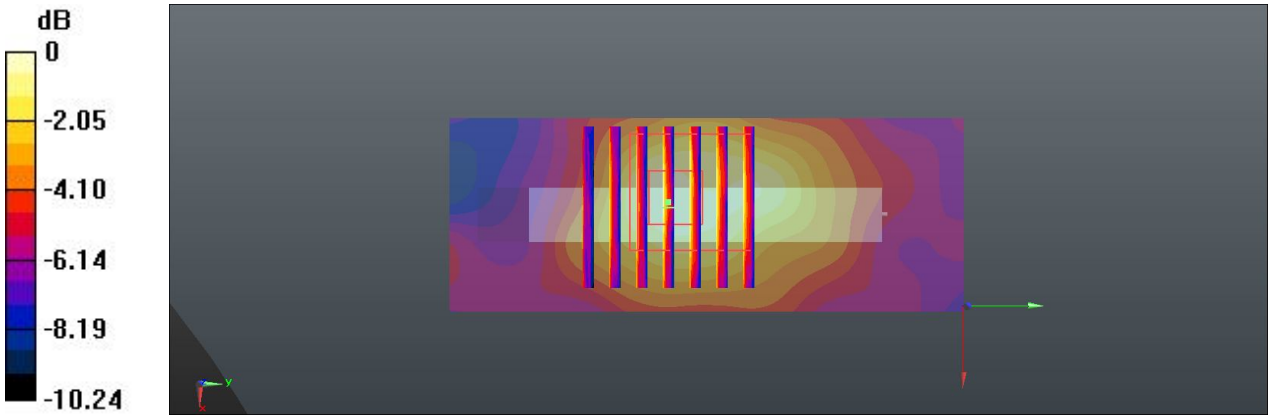
55 WLAN 2.4GHz_802.11b_Top side_1cm_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_131025 Medium parameters used: f = 2412 MHz; σ = 1.868 S/m; ε_r = 51.275; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; 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 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 (31x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0265 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.094 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.0330 W/kg
SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.012 W/kg
Maximum value of SAR (measured) = 0.0262 W/kg



0 dB = 0.0262 W/kg