Appendix A. Plots of System Performance Check

The plots are shown as follows.

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.08

System Check_Head_835MHz_130908

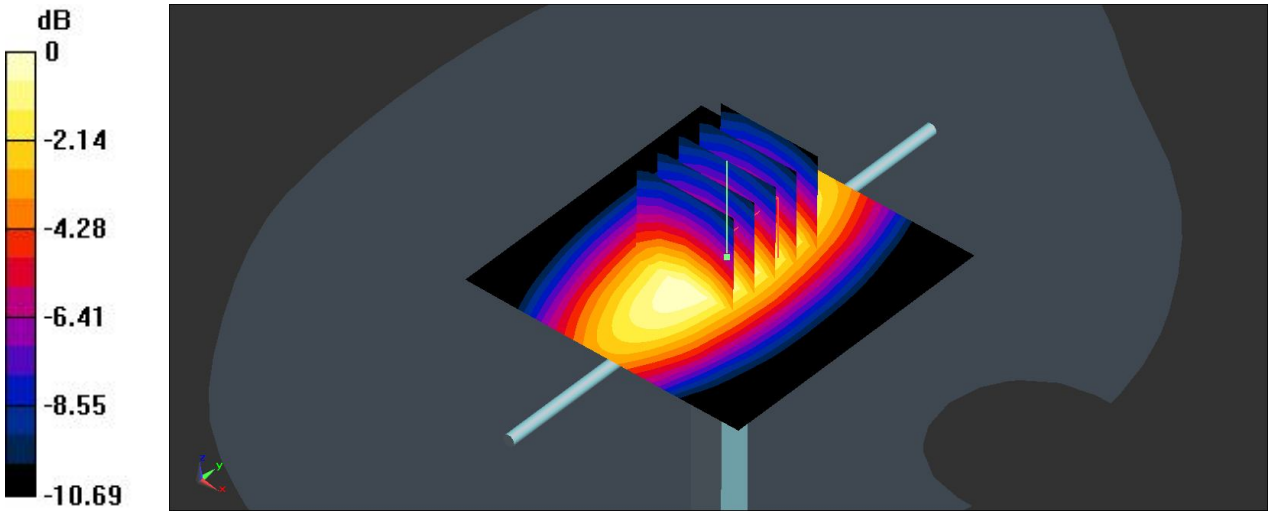
DUT: D835V2 - SN: 4d151

Communication System: CW;Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_130908 Medium parameters used: f = 835 MHz; σ = 0.88 S/m; ε_r = 42.104; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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) = 2.82 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.779 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 3.33 W/kg
SAR(1 g) = 2.23 W/kg; SAR(10 g) = 1.47 W/kg
Maximum value of SAR (measured) = 2.82 W/kg



0 dB = 2.82 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.07

System Check_Head_1900MHz_130907

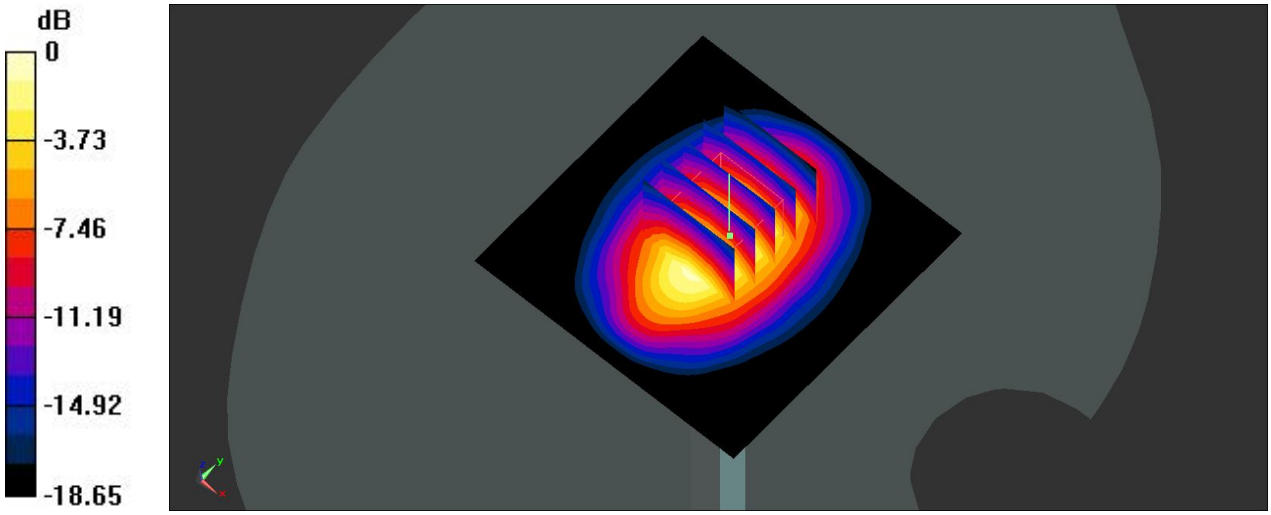
DUT: D1900V2 - SN: 5d170

Communication System: CW;Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130907 Medium parameters used: f = 1900 MHz; σ = 1.44 S/m; ε_r = 39.914; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

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 = 100.3 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: 2013.09.08

System Check_Head_2450MHz_130908

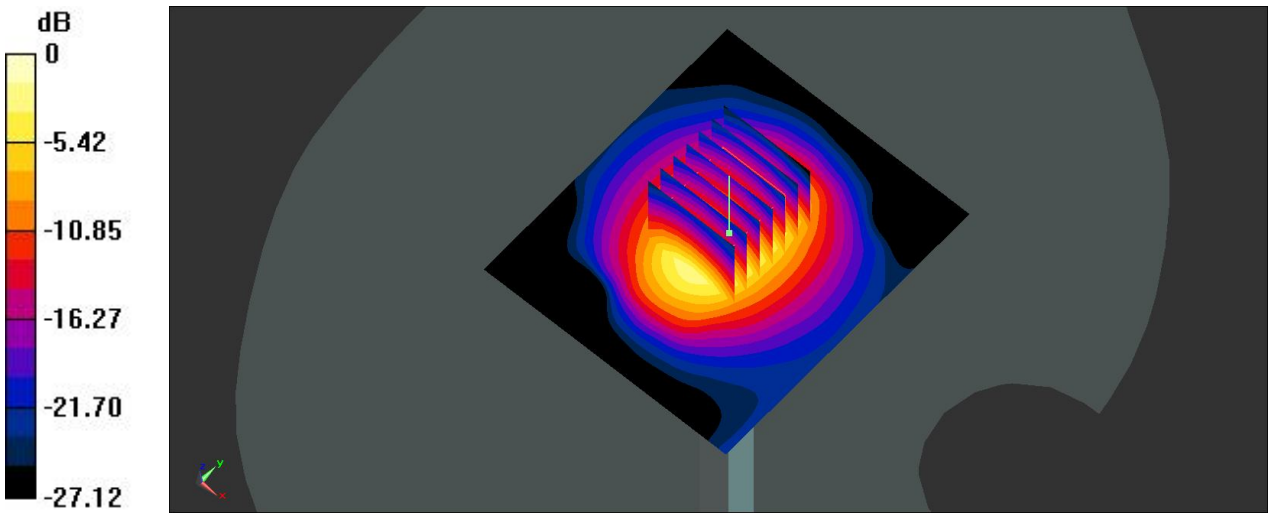
DUT: D2450V2 - SN: 908

Communication System: CW;Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130908 Medium parameters used: f = 2450 MHz; σ = 1.851 S/m; ε_r = 37.615; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；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) = 21.3 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 107.5 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 29.1 W/kg
SAR(1 g) = 13.40 W/kg; SAR(10 g) = 6.01 W/kg
Maximum value of SAR (measured) = 21.0 W/kg



0 dB = 21.0 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

System Check_Body_835MHz_130904

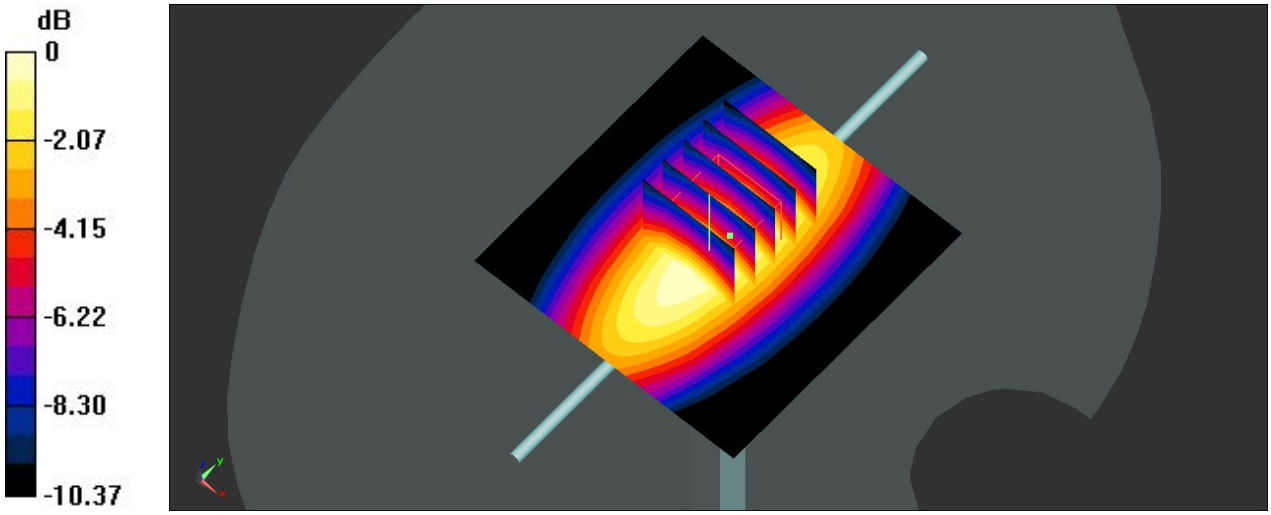
DUT: D835V2 - SN: 4d151

Communication System: CW;Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_130904 Medium parameters used: f = 835 MHz; σ = 0.974 S/m; ε_r = 54.266; 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) = 2.90 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.022 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.35 W/kg
SAR(1 g) = 2.30 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: 2013.09.04

System Check_Body_1900MHz_130904

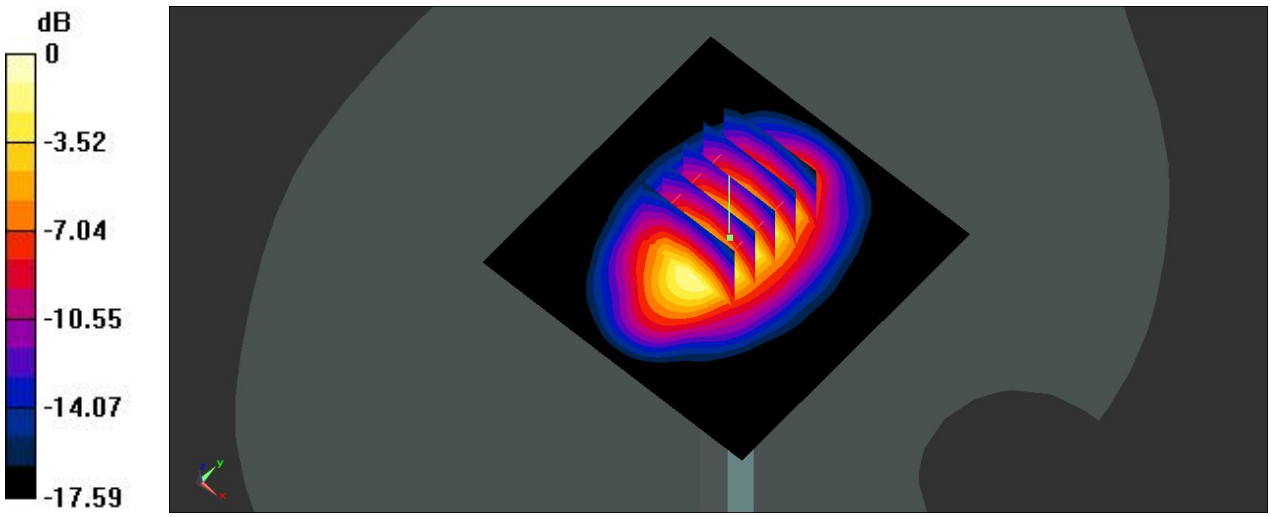
DUT: D1900V2 - SN: 5d170

Communication System: CW;Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130904 Medium parameters used: f = 1900 MHz; σ = 1.532 S/m; ε_r = 52.397; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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) = 14.5 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 97.389 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 17.8 W/kg
SAR(1 g) = 10.30 W/kg; SAR(10 g) = 5.45 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: 2013.09.08

System Check_Body_2450MHz_130908

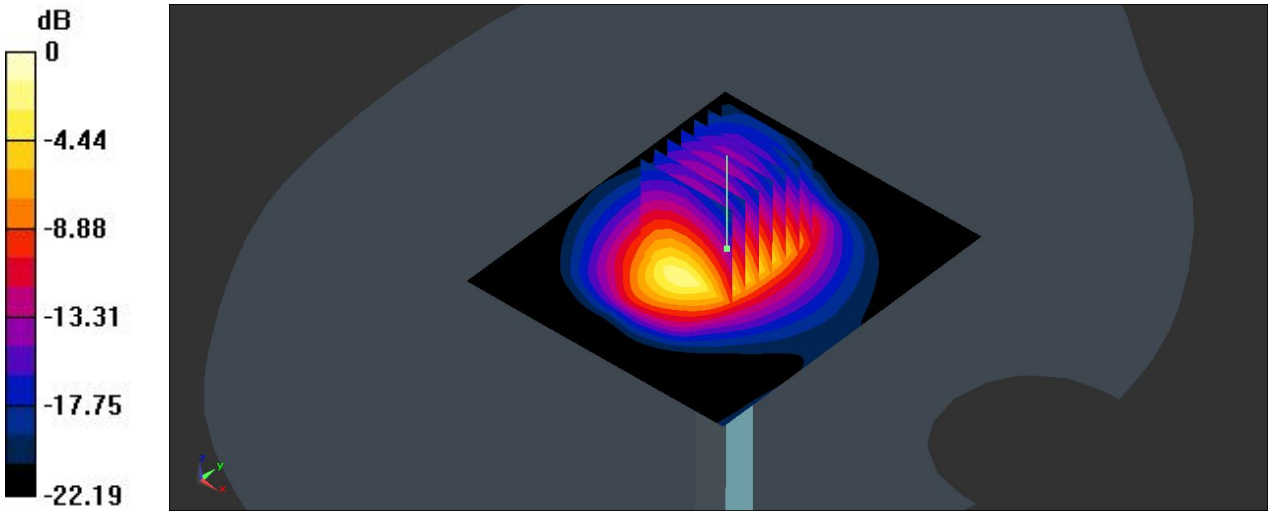
DUT: D2450V2 - SN: 908

Communication System: CW;Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130908 Medium parameters used: f = 2450 MHz; σ = 1.937 S/m; ε_r = 51.106; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

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) = 19.5 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 96.212 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 25.1 W/kg
SAR(1 g) = 12.70 W/kg; SAR(10 g) = 5.96 W/kg
Maximum value of SAR (measured) = 18.8 W/kg



0 dB = 18.8 W/kg

Appendix B. Plots of SAR Measurement

The plots are shown as follows.

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.08

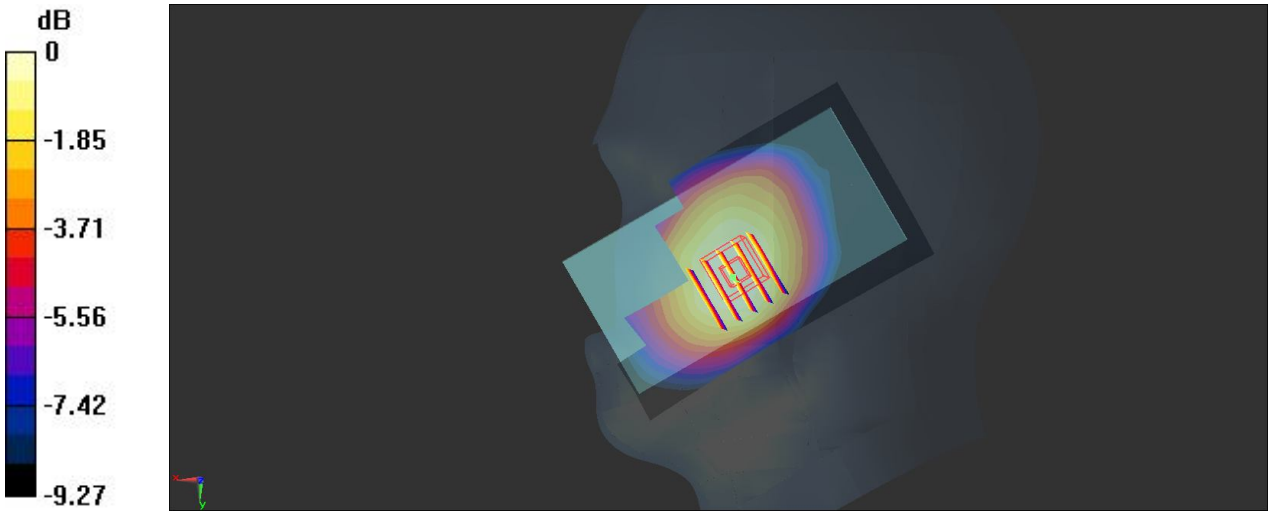
60 GSM850_GSM Voice_Right Cheek_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130908 Medium parameters used: f = 824.2 MHz; σ = 0.869 S/m; ε_r = 42.261; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.501 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.131 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.553 W/kg
SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.355 W/kg
Maximum value of SAR (measured) = 0.507 W/kg



0 dB = 0.507 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.08

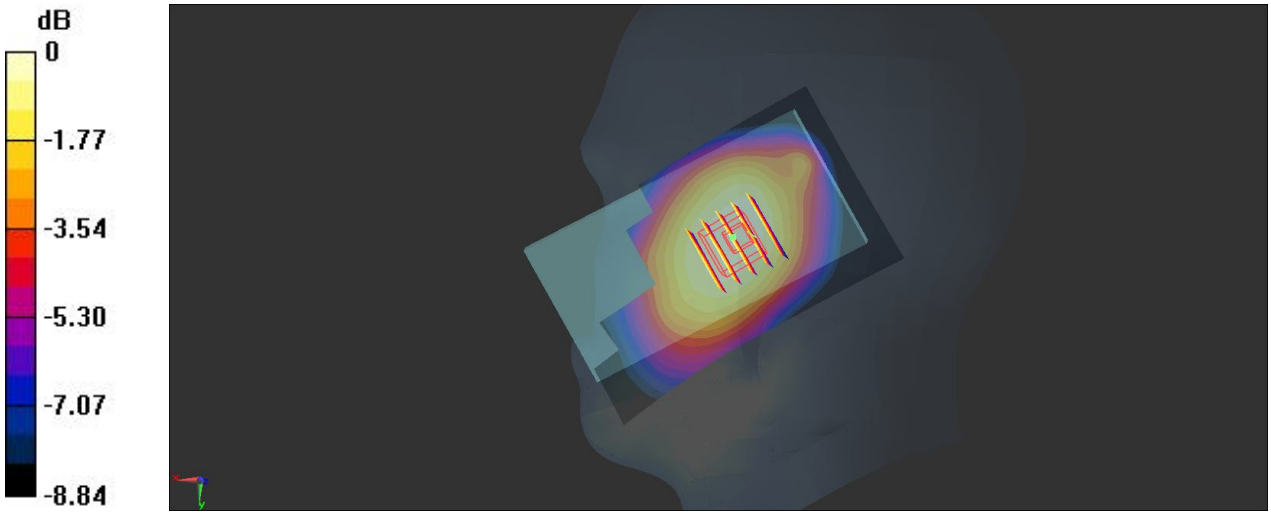
61 GSM850_GSM Voice_Right Tilted_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130908 Medium parameters used: f = 824.2 MHz; σ = 0.869 S/m; ε_r = 42.261; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.341 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.604 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.368 W/kg
SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.241 W/kg
Maximum value of SAR (measured) = 0.341 W/kg



0 dB = 0.341 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.08

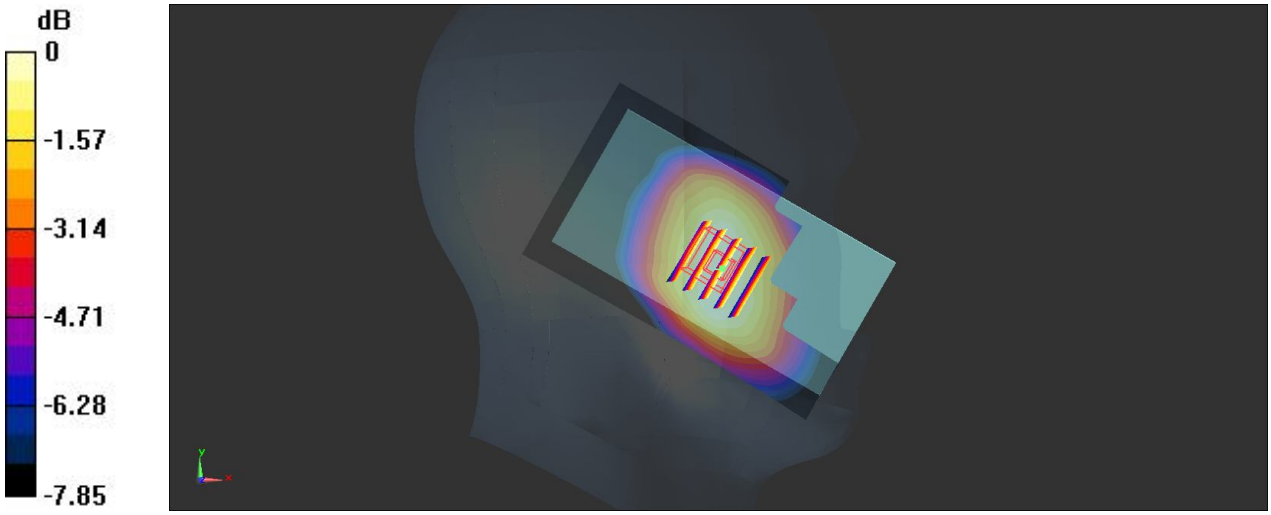
62 GSM850_GSM Voice_Left Cheek_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130908 Medium parameters used: f = 824.2 MHz; σ = 0.869 S/m; ε_r = 42.261; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.460 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.464 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.504 W/kg
SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.336 W/kg
Maximum value of SAR (measured) = 0.472 W/kg



0 dB = 0.472 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.08

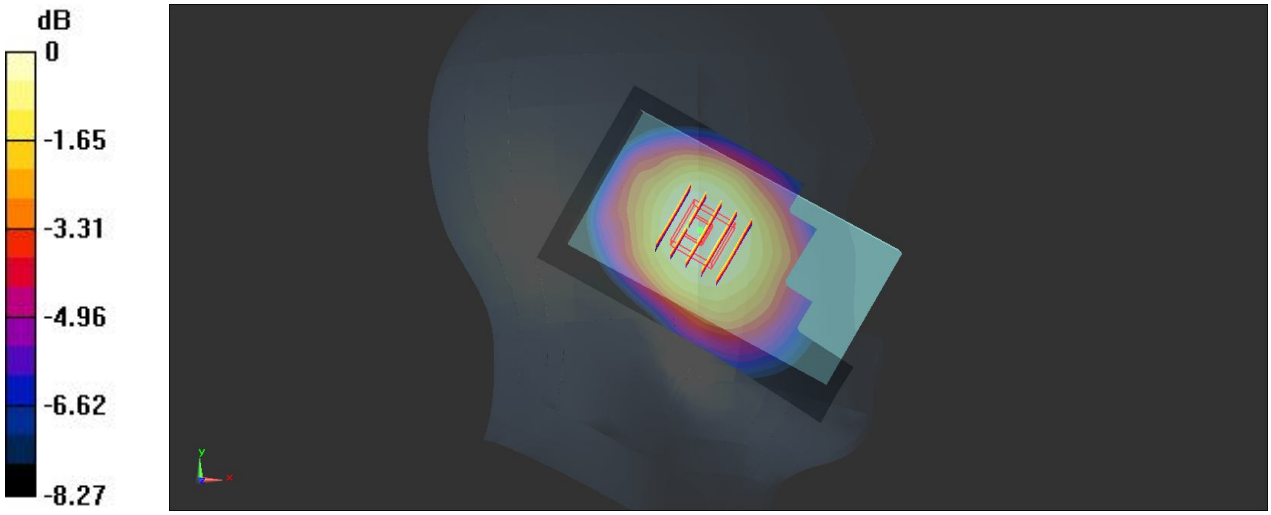
63 GSM850_GSM Voice_Left Tilted_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130908 Medium parameters used: f = 824.2 MHz; σ = 0.869 S/m; ε_r = 42.261; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.360 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.637 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.398 W/kg
SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.257 W/kg
Maximum value of SAR (measured) = 0.363 W/kg



0 dB = 0.363 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.07

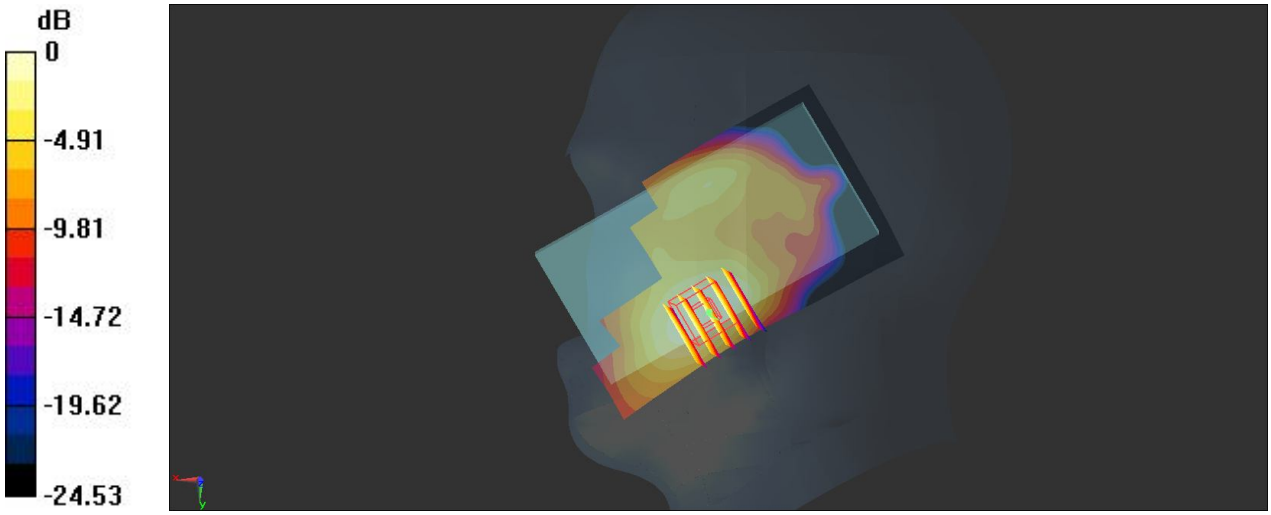
24 GSM1900_GSM Voice_Right Cheek_Ch512

Communication System: GSM Voice;Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: HSL_1900_130907 Medium parameters used: f = 1850.2 MHz; σ = 1.394 S/m; ε_r = 40.094; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

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)

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.335 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.361 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.362 W/kg
SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.144 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: 2013.09.07

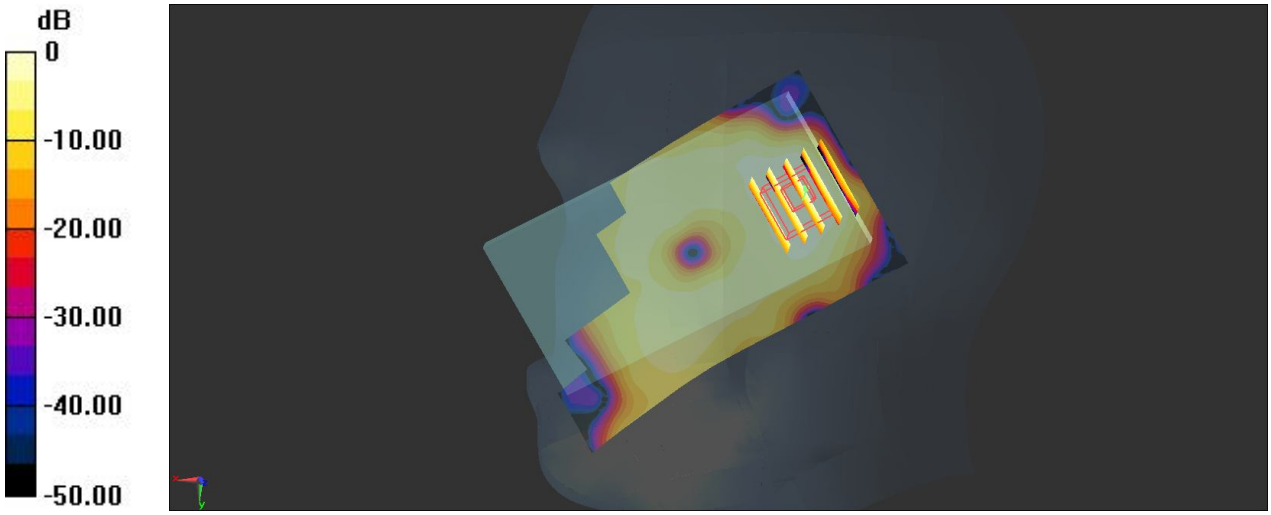
25 GSM1900_GSM Voice_Right Tilted_Ch512

Communication System: GSM Voice;Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: HSL_1900_130907 Medium parameters used: f = 1850.2 MHz; σ = 1.394 S/m; ε_r = 40.094; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

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)

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.154 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.340 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.209 W/kg
SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.043 W/kg
Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.103 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.07

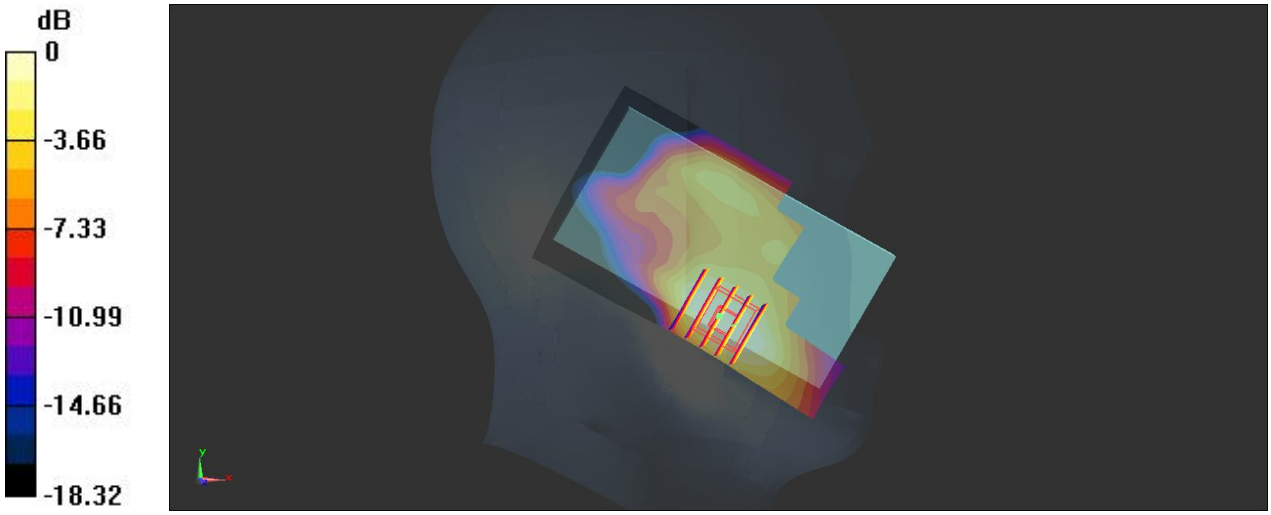
26 GSM1900_GSM Voice_Left Cheek_Ch512

Communication System: GSM Voice;Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: HSL_1900_130907 Medium parameters used: f = 1850.2 MHz; σ = 1.394 S/m; ε_r = 40.094; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

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)

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.335 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.524 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.377 W/kg
SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 0.295 W/kg



0 dB = 0.295 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.07

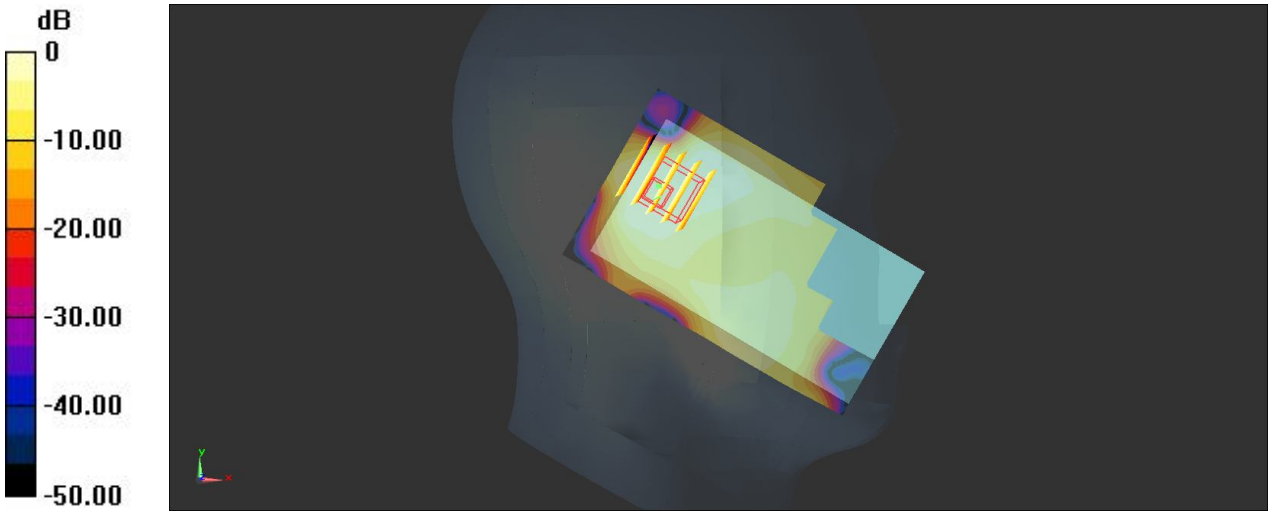
27 GSM1900_GSM Voice_Left Tilted_Ch512

Communication System: GSM Voice;Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: HSL_1900_130907 Medium parameters used: f = 1850.2 MHz; σ = 1.394 S/m; ε_r = 40.094; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

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)

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.152 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.850 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.130 W/kg
SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.110 W/kg



0 dB = 0.110 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.08

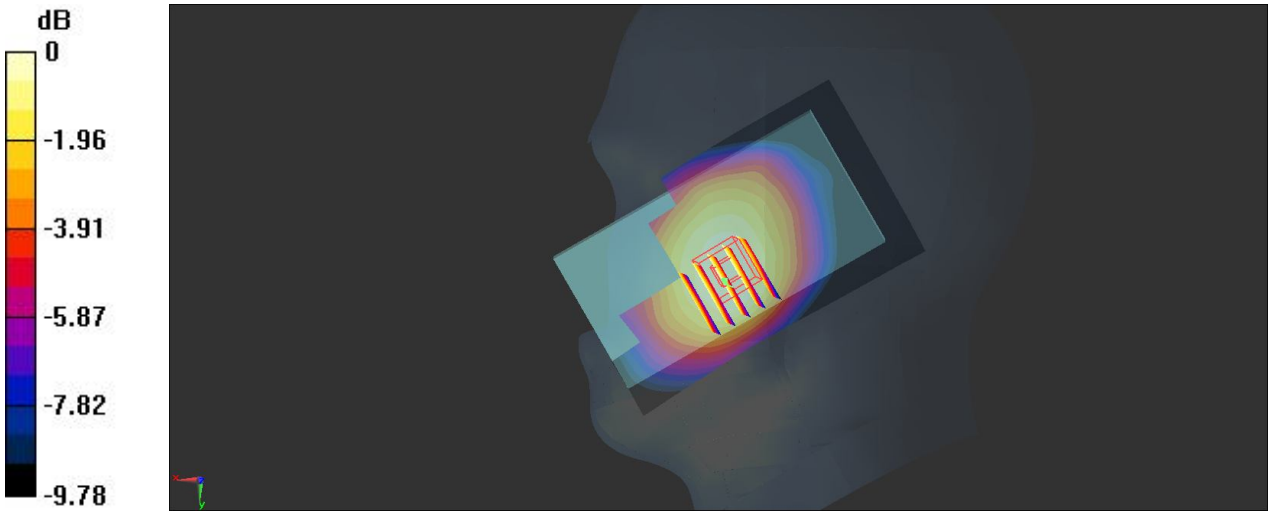
32 WCDMA Band V_RMC 12.2K_Right Cheek_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_130908 Medium parameters used: f = 847 MHz; σ = 0.892 S/m; ε_r = 41.944; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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)

Ch4233/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.520 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.903 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.550 W/kg
SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.354 W/kg
Maximum value of SAR (measured) = 0.505 W/kg



0 dB = 0.505 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.08

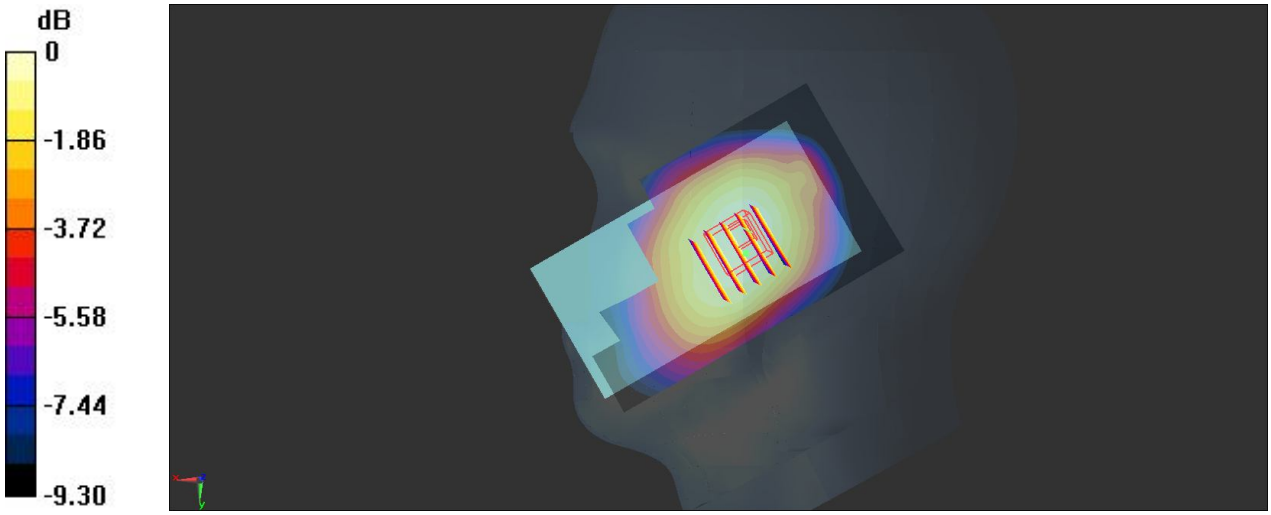
33 WCDMA Band V_RMC 12.2K_Right Tilted_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_130908 Medium parameters used: f = 847 MHz; σ = 0.892 S/m; ε_r = 41.944; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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)

Ch4233/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.335 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.165 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.368 W/kg
SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.230 W/kg
Maximum value of SAR (measured) = 0.333 W/kg



0 dB = 0.333 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.08

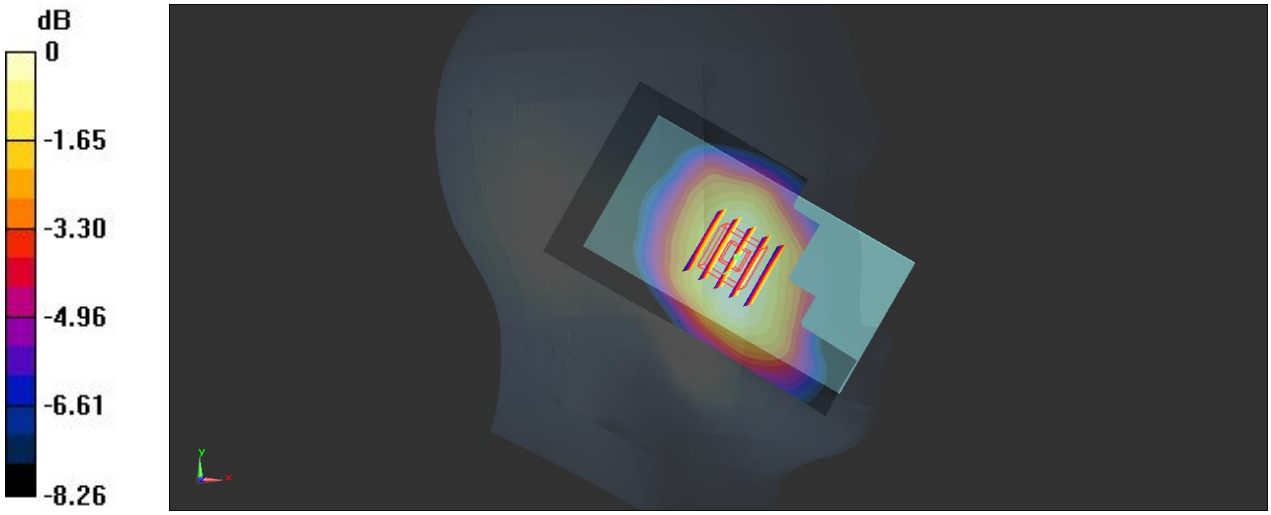
34 WCDMA Band V_RMC 12.2K_Left Cheek_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_130908 Medium parameters used: f = 847 MHz; σ = 0.892 S/m; ε_r = 41.944; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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)

Ch4233/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.469 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.961 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.522 W/kg
SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.341 W/kg
Maximum value of SAR (measured) = 0.485 W/kg



0 dB = 0.485 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.08

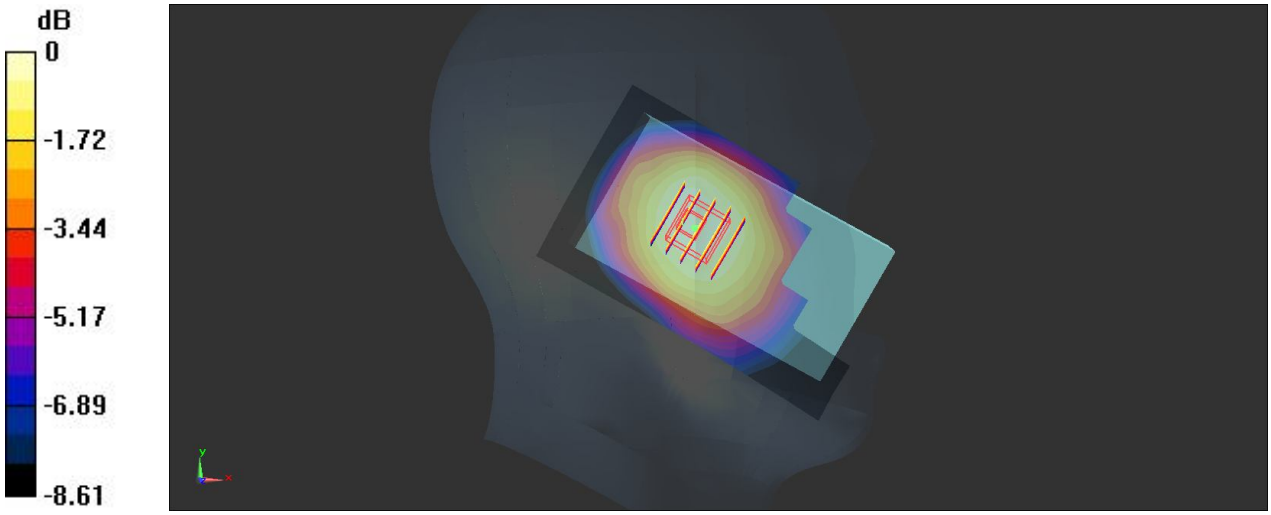
35 WCDMA Band V_RMC 12.2K_Left Tilted_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_130908 Medium parameters used: f = 847 MHz; σ = 0.892 S/m; ε_r = 41.944; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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)

Ch4233/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.371 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.138 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.404 W/kg
SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.262 W/kg
Maximum value of SAR (measured) = 0.376 W/kg



0 dB = 0.376 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.07

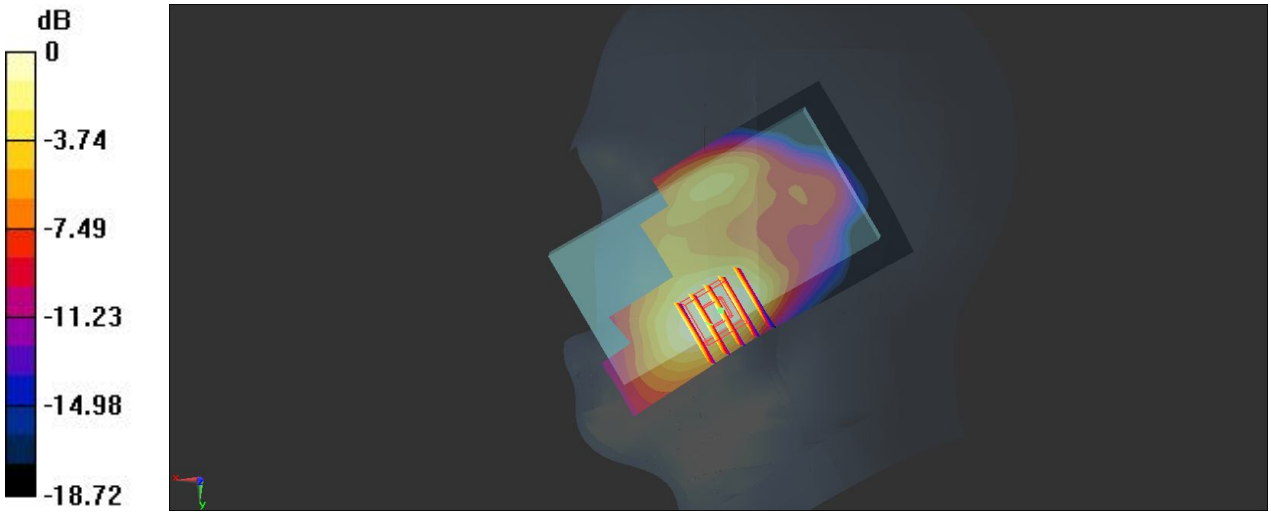
28 WCDMA Band II_RMC 12.2K_Right Cheek_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130907 Medium parameters used: f = 1852.4 MHz; σ = 1.396 S/m; ε_r = 40.087; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.641 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.267 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.673 W/kg
SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.289 W/kg
Maximum value of SAR (measured) = 0.567 W/kg



0 dB = 0.567 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.07

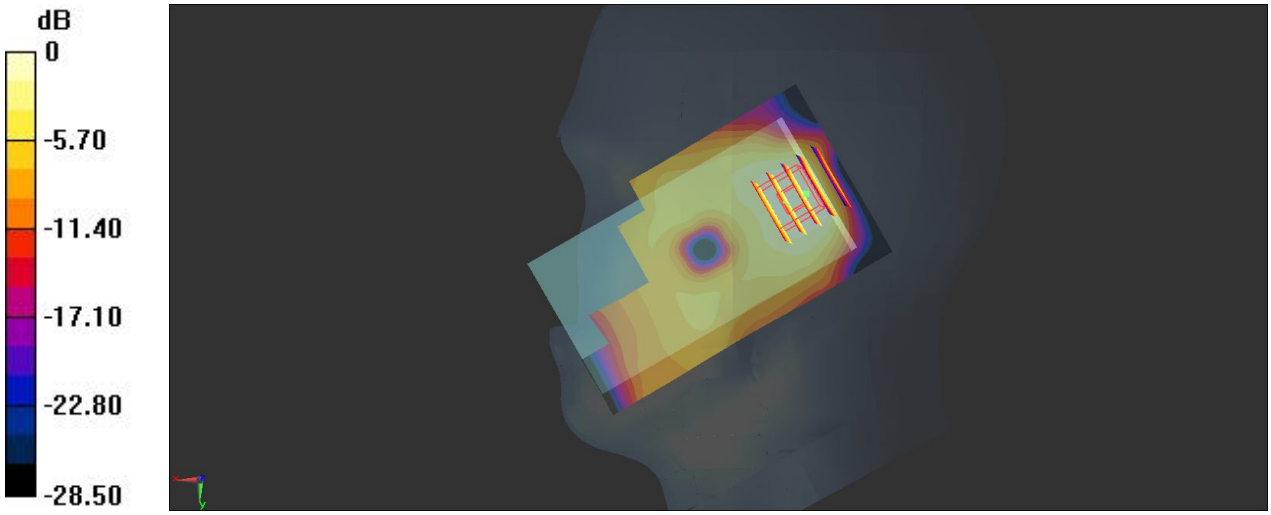
29 WCDMA Band II_RMC 12.2K_Right Tilted_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130907 Medium parameters used: f = 1852.4 MHz; σ = 1.396 S/m; ε_r = 40.087; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.277 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.984 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.093 W/kg
Maximum value of SAR (measured) = 0.197 W/kg



0 dB = 0.197 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.07

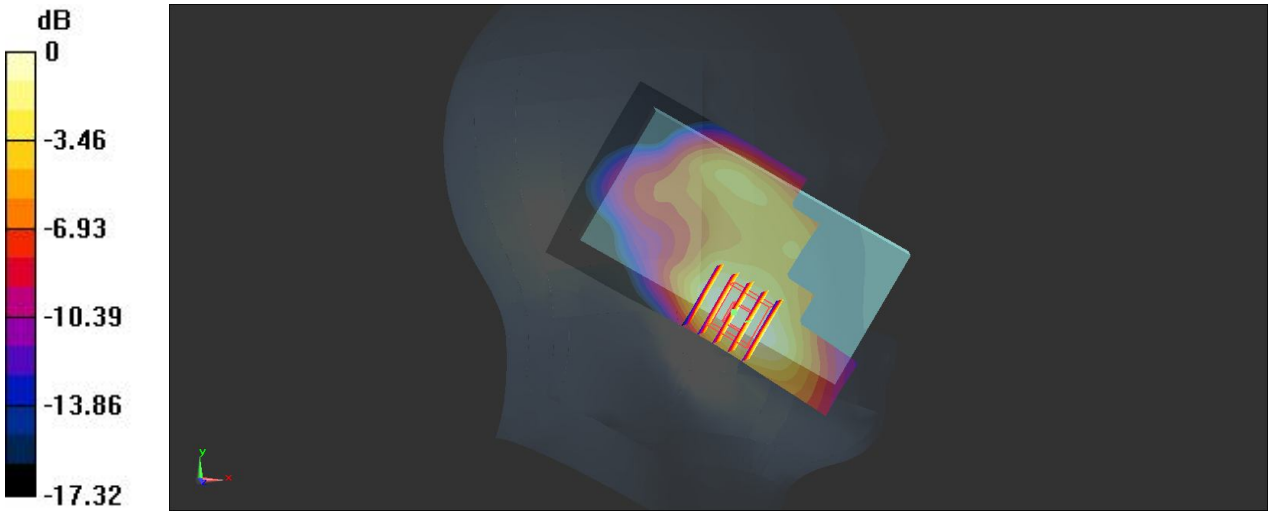
30 WCDMA Band II_RMC 12.2K_Left Cheek_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130907 Medium parameters used: f = 1852.4 MHz; σ = 1.396 S/m; ε_r = 40.087; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.623 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.402 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.689 W/kg
SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.281 W/kg
Maximum value of SAR (measured) = 0.554 W/kg



0 dB = 0.554 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.07

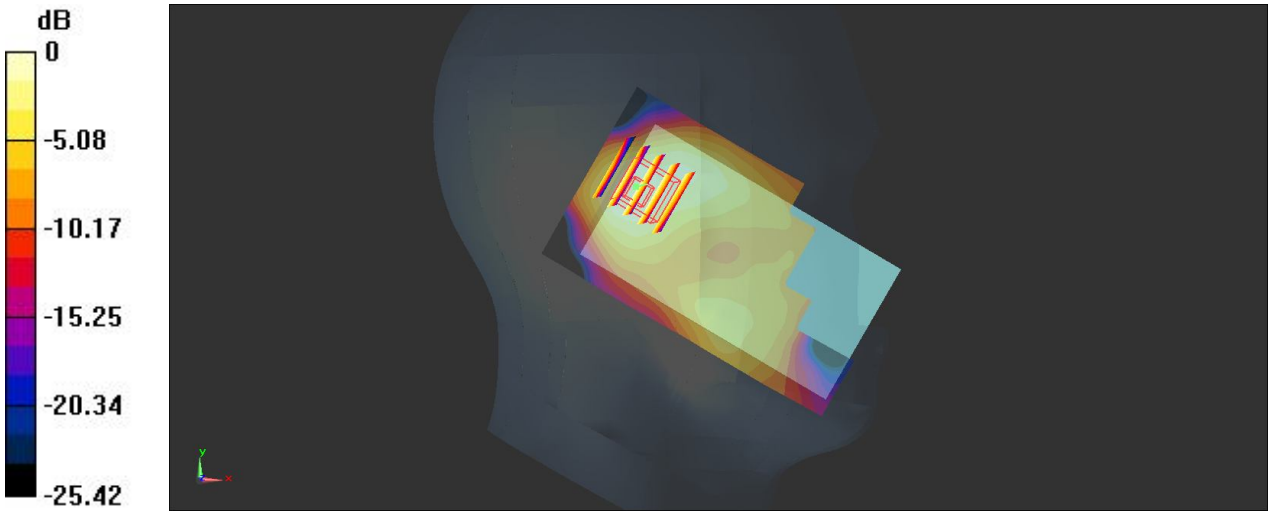
31 WCDMA Band II_RMC 12.2K_Left Tilted_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130907 Medium parameters used: f = 1852.4 MHz; σ = 1.396 S/m; ε_r = 40.087; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.5 ℃

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 (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.235 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.016 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.270 W/kg
SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.104 W/kg
Maximum value of SAR (measured) = 0.229 W/kg



0 dB = 0.229 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.08

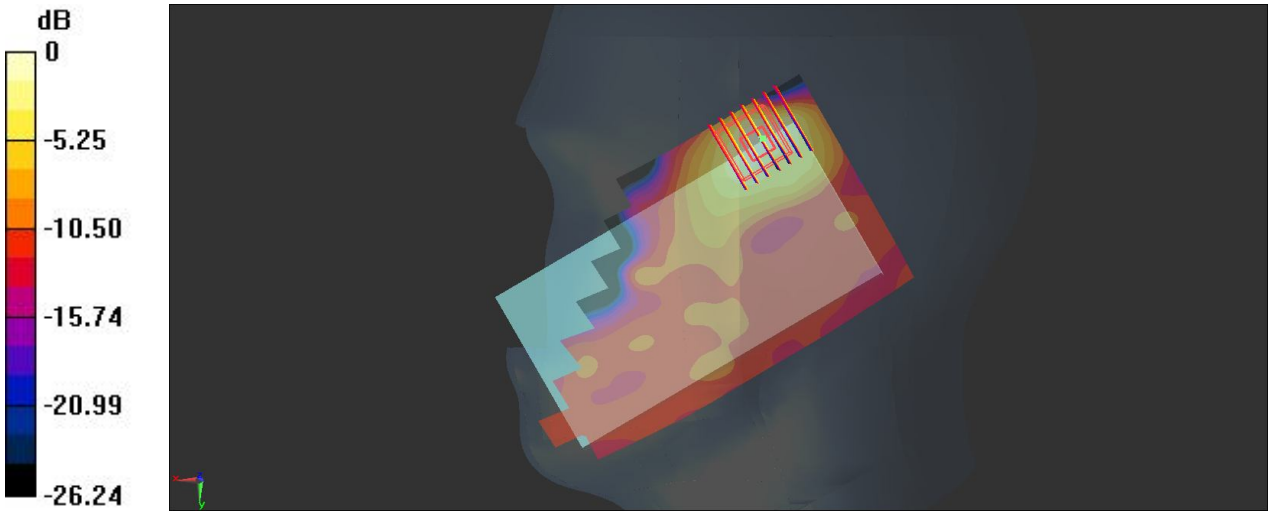
40 WLAN2.4GHz_802.11b_Right Cheek_Ch11

Communication System: 802.11b ;Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130908 Medium parameters used: f = 2462 MHz; σ = 1.866 S/m; ε_r = 37.561; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；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)

Ch11/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.415 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.517 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.539 W/kg
SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.115 W/kg
Maximum value of SAR (measured) = 0.395 W/kg



0 dB = 0.395 W/kg

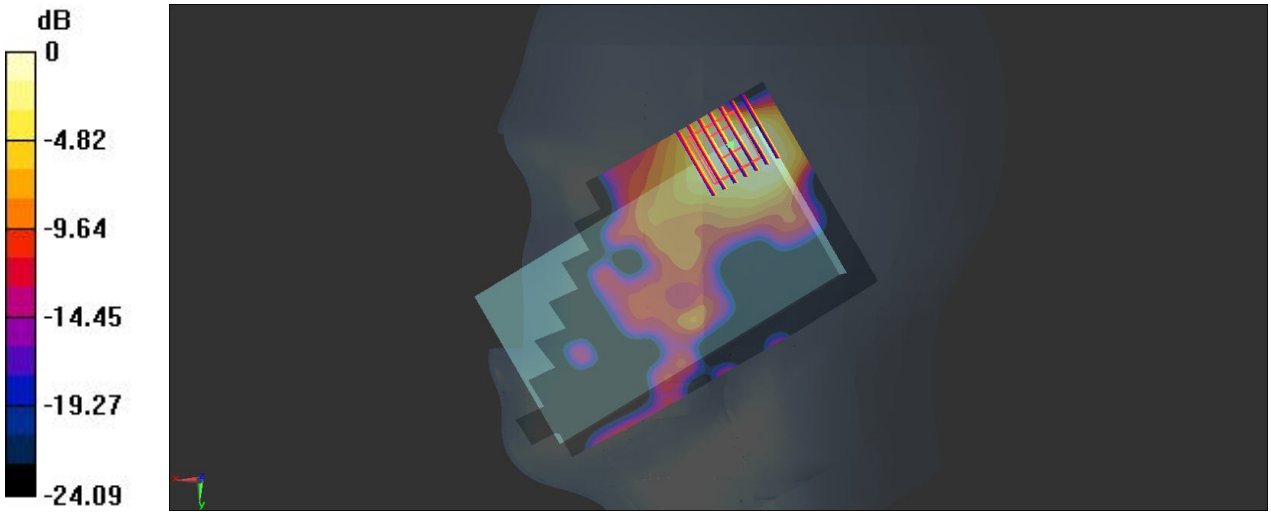
41 WLAN2.4GHz_802.11b_Right Tilted_Ch11

Communication System: 802.11b ;Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130908 Medium parameters used: f = 2462 MHz; σ = 1.866 S/m; ε_r = 37.561; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；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)

Ch11/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.192 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.669 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.230 W/kg
SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.051 W/kg
Maximum value of SAR (measured) = 0.170 W/kg



0 dB = 0.170 W/kg

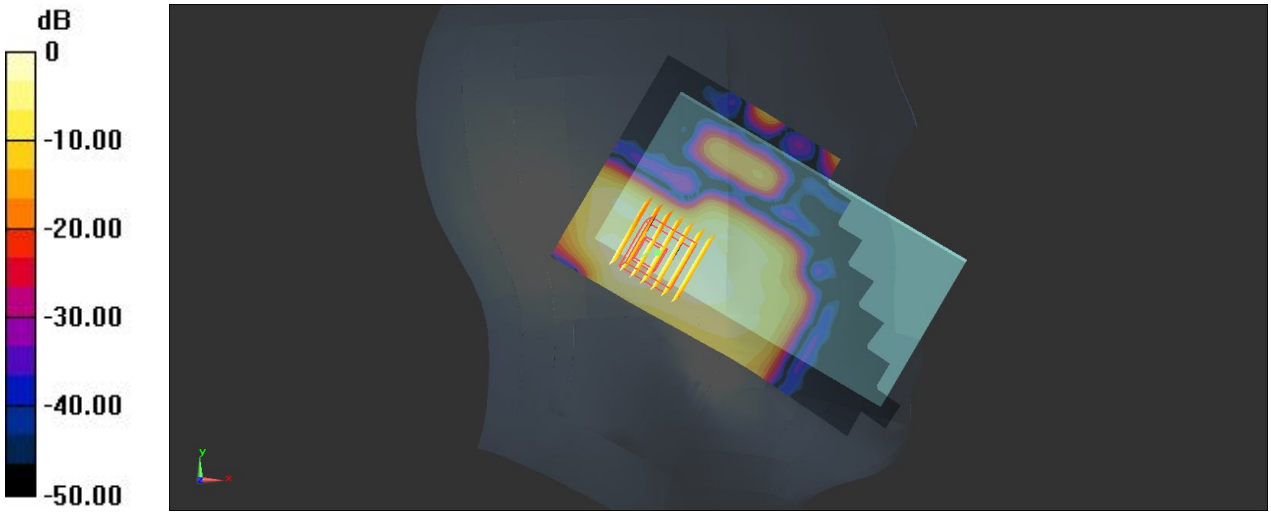
42 WLAN2.4GHz_802.11b_Left Cheek_Ch11

Communication System: 802.11b ;Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130908 Medium parameters used: f = 2462 MHz; σ = 1.866 S/m; ε_r = 37.561; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；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)

Ch11/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.110 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.555 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.152 W/kg
SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.038 W/kg
Maximum value of SAR (measured) = 0.118 W/kg



0 dB = 0.118 W/kg

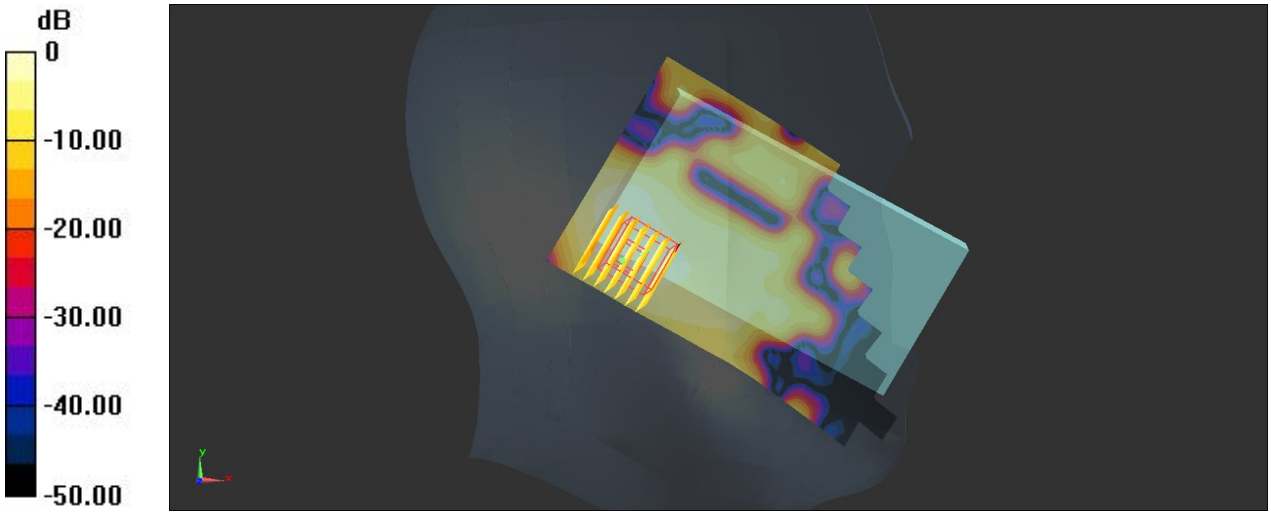
43 WLAN2.4GHz_802.11b_Left Tilted_Ch11

Communication System: 802.11b ;Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130908 Medium parameters used: f = 2462 MHz; σ = 1.866 S/m; ε_r = 37.561; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；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)

Ch11/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0625 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.731 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0960 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.021 W/kg
Maximum value of SAR (measured) = 0.0712 W/kg



0 dB = 0.0712 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

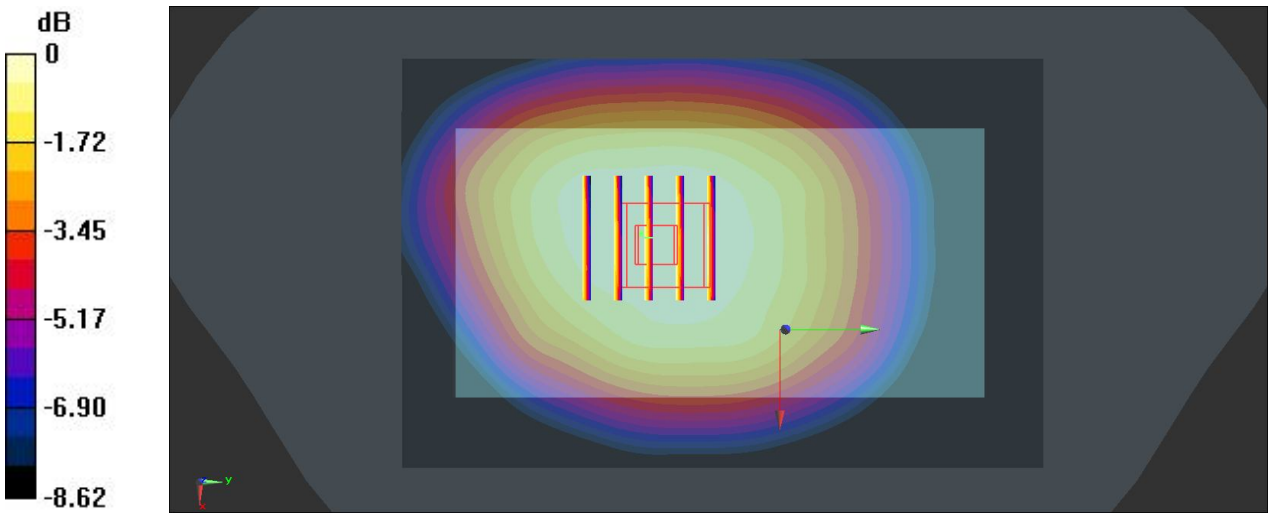
44 GSM850_GPRS (GMSK 4 Tx slots)_Front_1Cm_Ch128

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130904 Medium parameters used: f = 824.2 MHz; σ = 0.964 S/m; ε_r = 54.349; 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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.863 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.228 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.929 W/kg
SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.593 W/kg
Maximum value of SAR (measured) = 0.855 W/kg



0 dB = 0.855 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

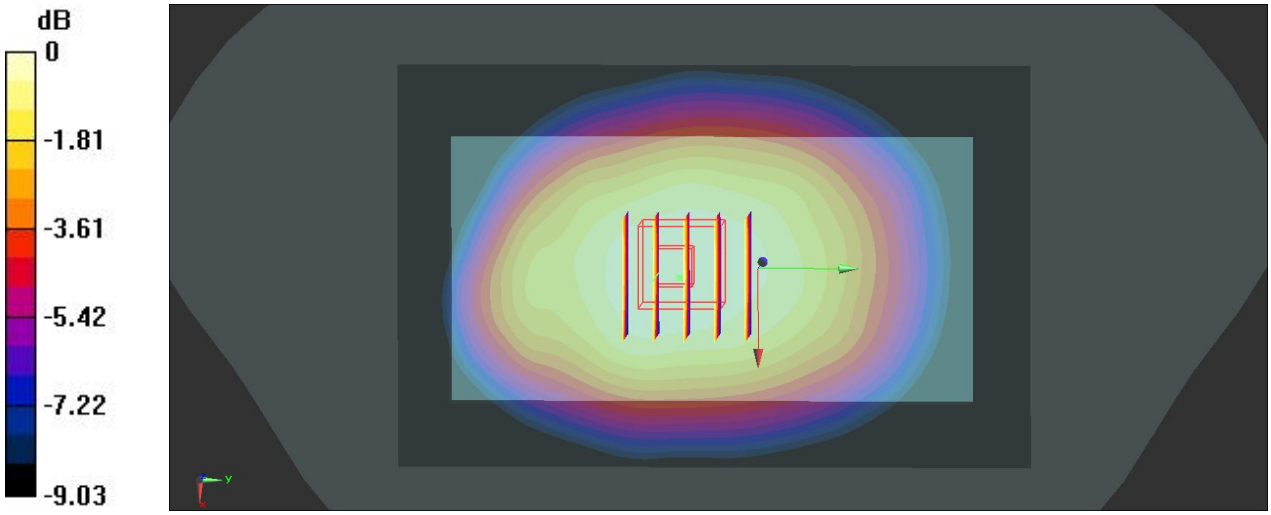
45 GSM850_GPRS (GMSK 4 Tx slots)_Back_1Cm_Ch128

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130904 Medium parameters used: f = 824.2 MHz; σ = 0.964 S/m; ε_r = 54.349; 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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.30 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.321 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 1.140 W/kg; SAR(10 g) = 0.880 W/kg
Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

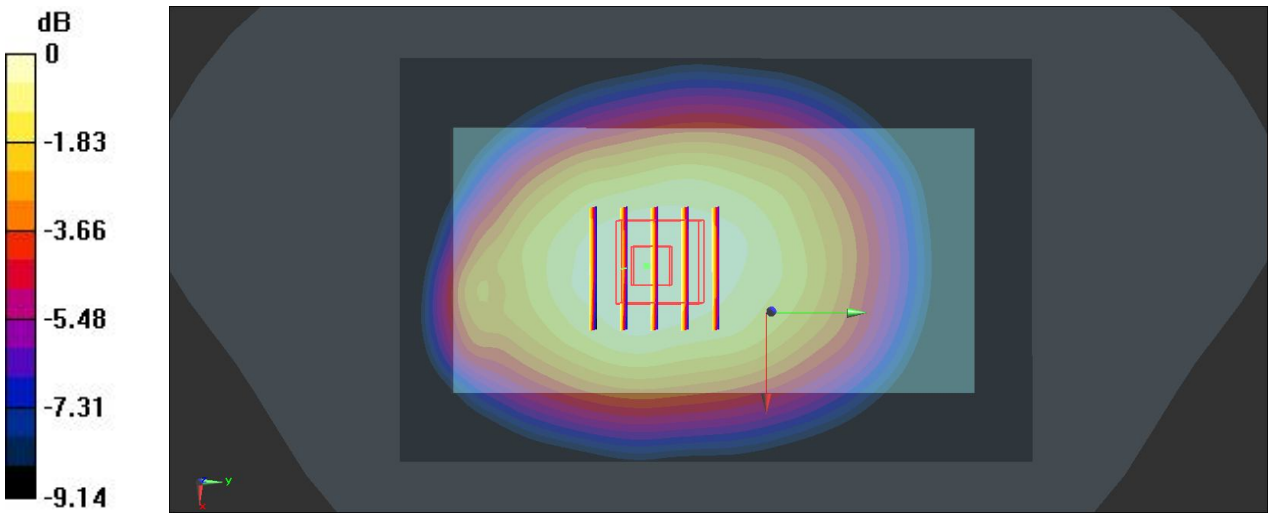
59 GSM850_GPRS (GMSK 4 Tx slots)_Back_1Cm_Ch128_Repeat SAR

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130904 Medium parameters used: f = 824.2 MHz; σ = 0.964 S/m; ε_r = 54.349; 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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.20 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.465 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 1.060 W/kg; SAR(10 g) = 0.819 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg

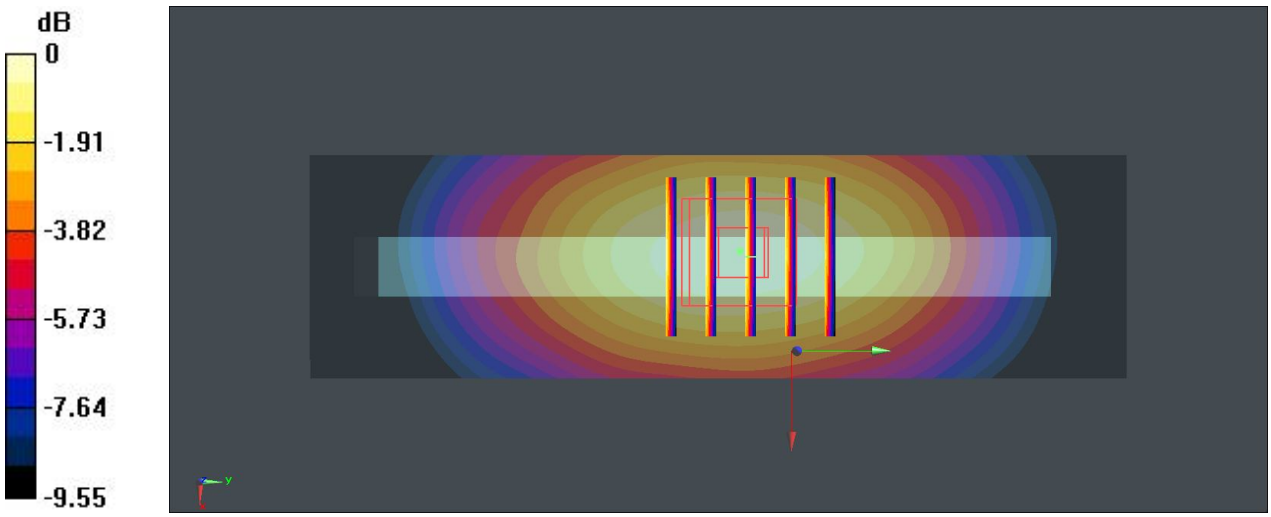
46 GSM850_GPRS (GMSK 4 Tx slots)_Left side_1Cm_Ch128

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130904 Medium parameters used: f = 824.2 MHz; σ = 0.964 S/m; ε_r = 54.349; 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 (111x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.827 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.976 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.958 W/kg
SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.476 W/kg
Maximum value of SAR (measured) = 0.835 W/kg



0 dB = 0.835 W/kg

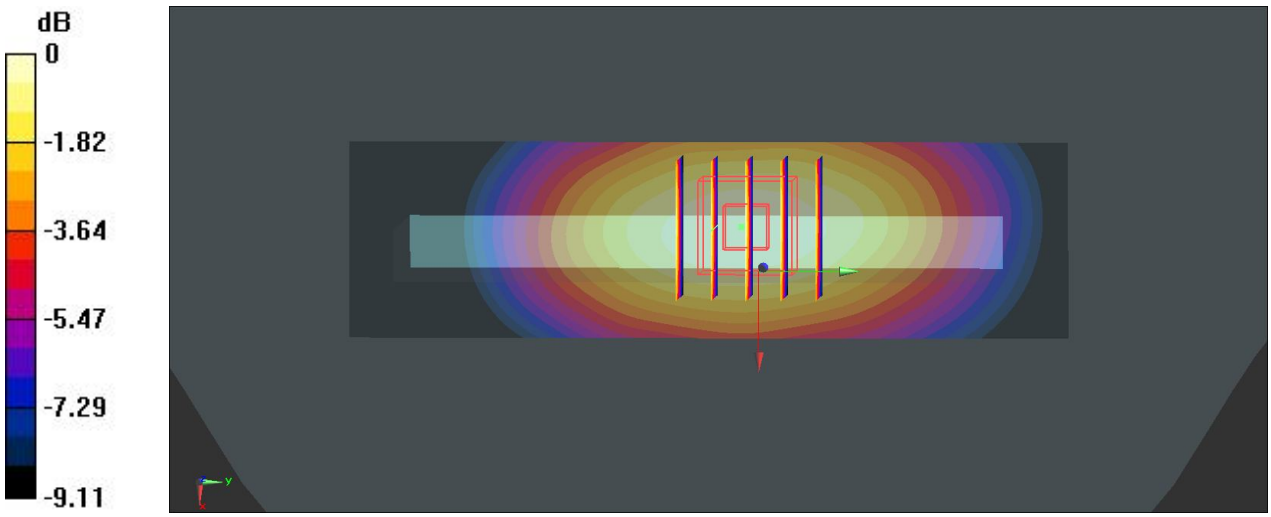
47 GSM850_GPRS (GMSK 4 Tx slots)_Right side_1Cm_Ch128

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130904 Medium parameters used: f = 824.2 MHz; σ = 0.964 S/m; ε_r = 54.349; 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 (111x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.903 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.313 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.530 W/kg
Maximum value of SAR (measured) = 0.895 W/kg



0 dB = 0.895 W/kg

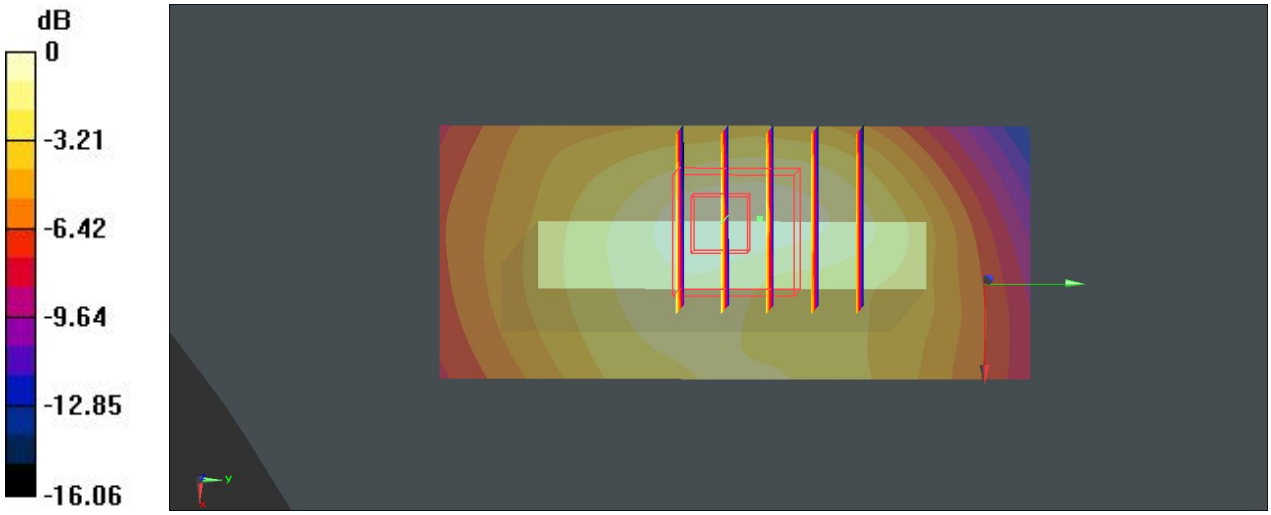
48 GSM850_GPRS (GMSK 4 Tx slots)_Bottom side_1Cm_Ch128

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130904 Medium parameters used: f = 824.2 MHz; σ = 0.964 S/m; ε_r = 54.349; 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 (71x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.110 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.286 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.151 W/kg
SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.118 W/kg



0 dB = 0.118 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

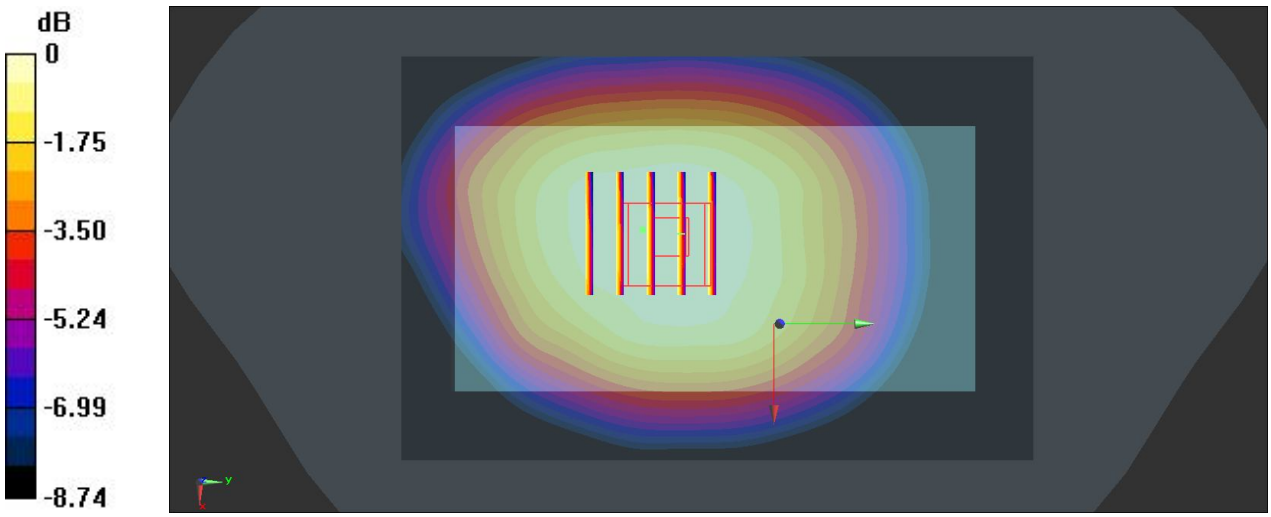
53 GSM850_GPRS (GMSK 4 Tx slots)_Front_1Cm_Ch189

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130904 Medium parameters used: f = 836.4 MHz; σ = 0.975 S/m; ε_r = 54.256; 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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.865 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.400 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.938 W/kg
SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.597 W/kg
Maximum value of SAR (measured) = 0.863 W/kg



0 dB = 0.863 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

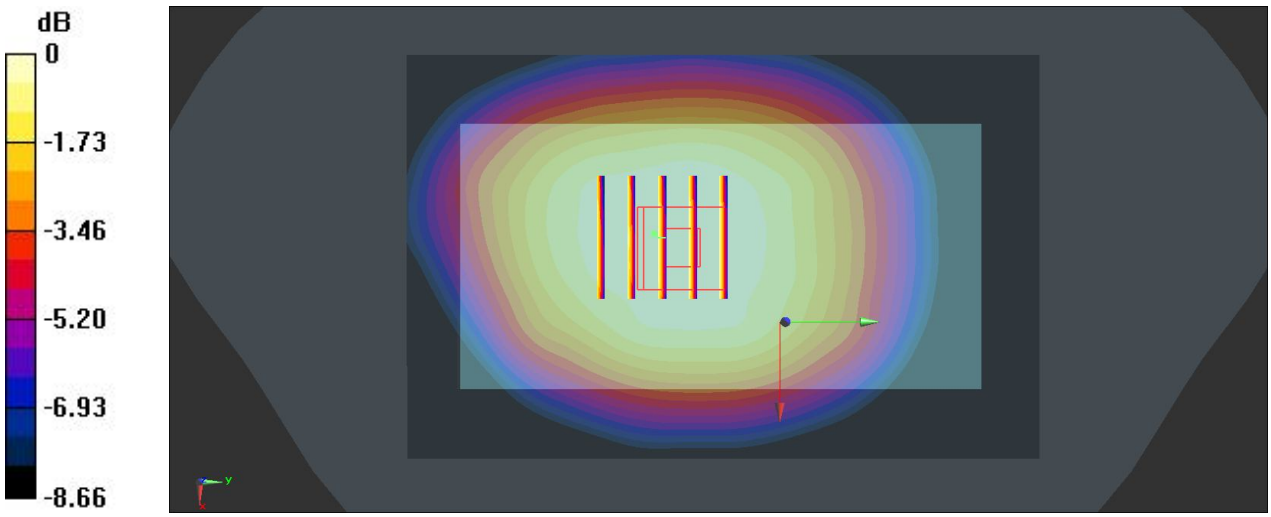
54 GSM850_GPRS (GMSK 4 Tx slots)_Front_1Cm_Ch251

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130904 Medium parameters used: f = 849 MHz; σ = 0.987 S/m; ε_r = 54.144; 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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.818 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.756 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.887 W/kg
SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.565 W/kg
Maximum value of SAR (measured) = 0.813 W/kg



0 dB = 0.813 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

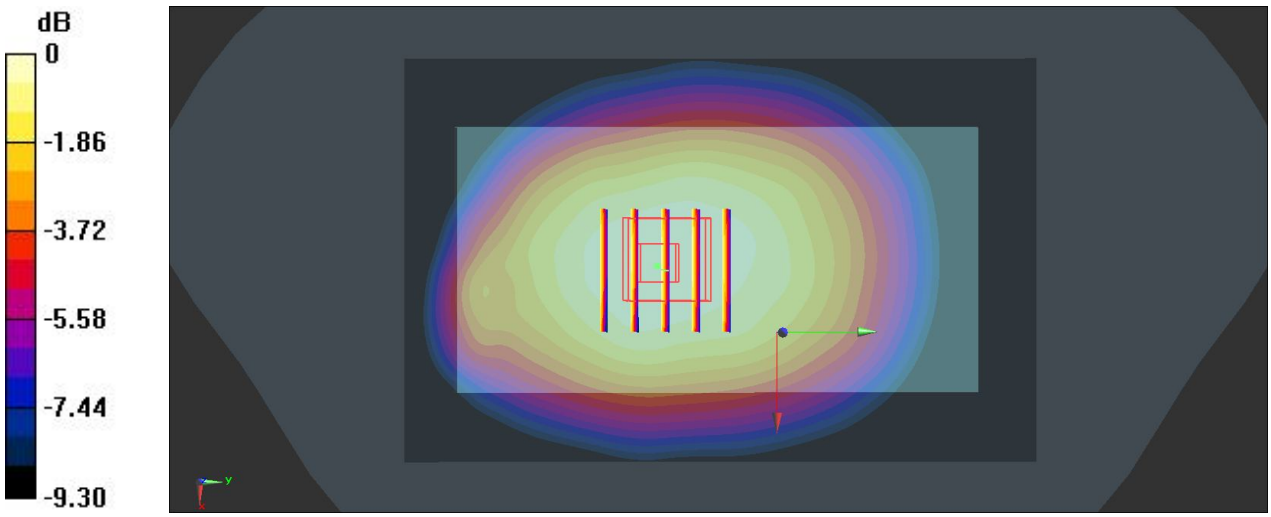
51 GSM850_GPRS (GMSK 4 Tx slots)_Back_1Cm_Ch189

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130904 Medium parameters used: f = 836.4 MHz; σ = 0.975 S/m; ε_r = 54.256; 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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.20 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.258 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 1.050 W/kg; SAR(10 g) = 0.809 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

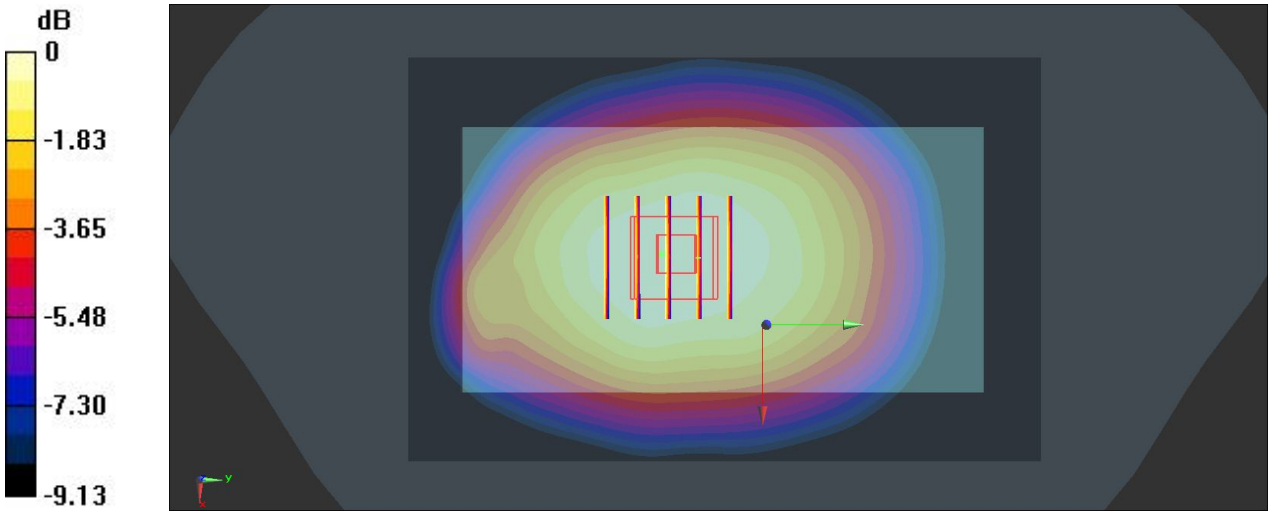
52 GSM850_GPRS (GMSK 4 Tx slots)_Back_1Cm_Ch251

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130904 Medium parameters used: f = 849 MHz; σ = 0.987 S/m; ε_r = 54.144; 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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.16 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.835 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 1.020 W/kg; SAR(10 g) = 0.785 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg

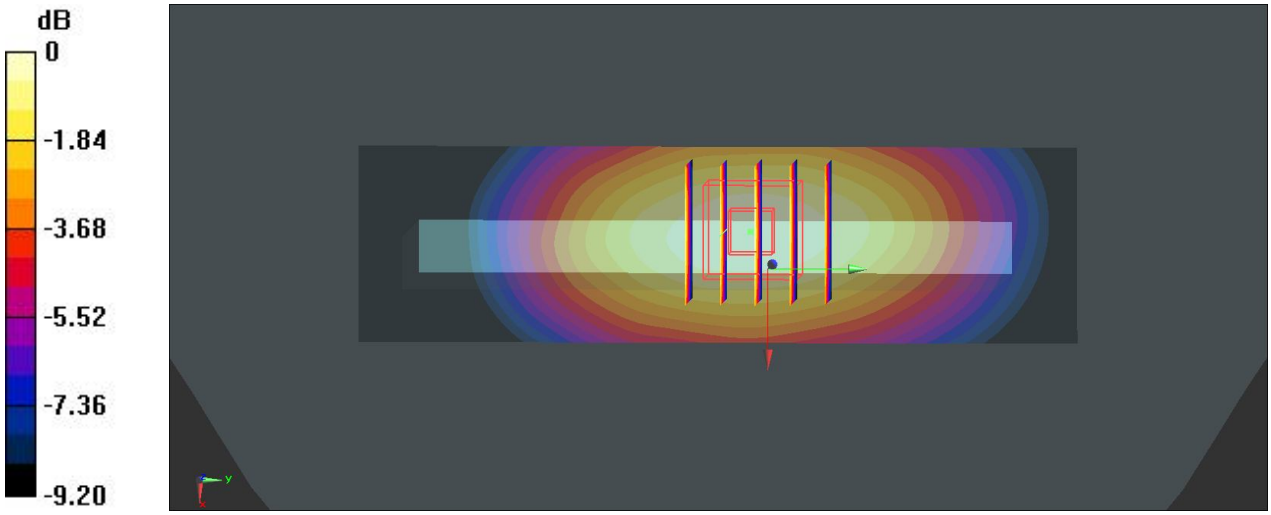
55 GSM850_GPRS (GMSK 4 Tx slots)_Right side_1Cm_Ch189

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130904 Medium parameters used: f = 836.4 MHz; σ = 0.975 S/m; ε_r = 54.256; 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 (111x31x1): 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 = 29.208 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.801 W/kg; SAR(10 g) = 0.565 W/kg
Maximum value of SAR (measured) = 0.961 W/kg



0 dB = 0.961 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

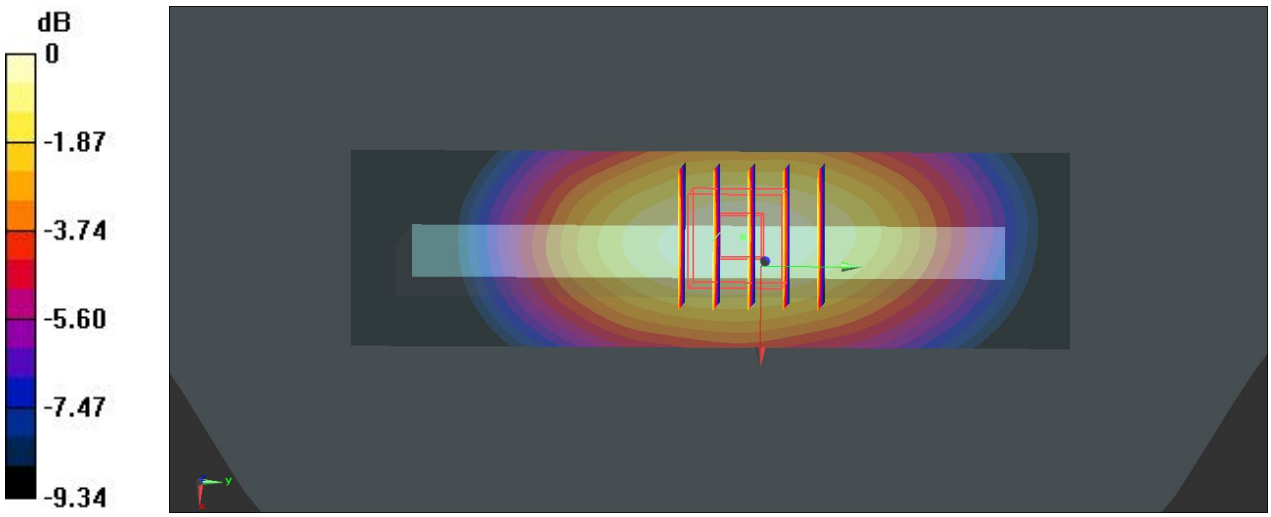
56 GSM850_GPRS (GMSK 4 Tx slots)_Right side_1Cm_Ch251

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130904 Medium parameters used: f = 849 MHz; σ = 0.987 S/m; ε_r = 54.144; 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 (111x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.968 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.116 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.799 W/kg; SAR(10 g) = 0.563 W/kg
Maximum value of SAR (measured) = 0.972 W/kg



0 dB = 0.972 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

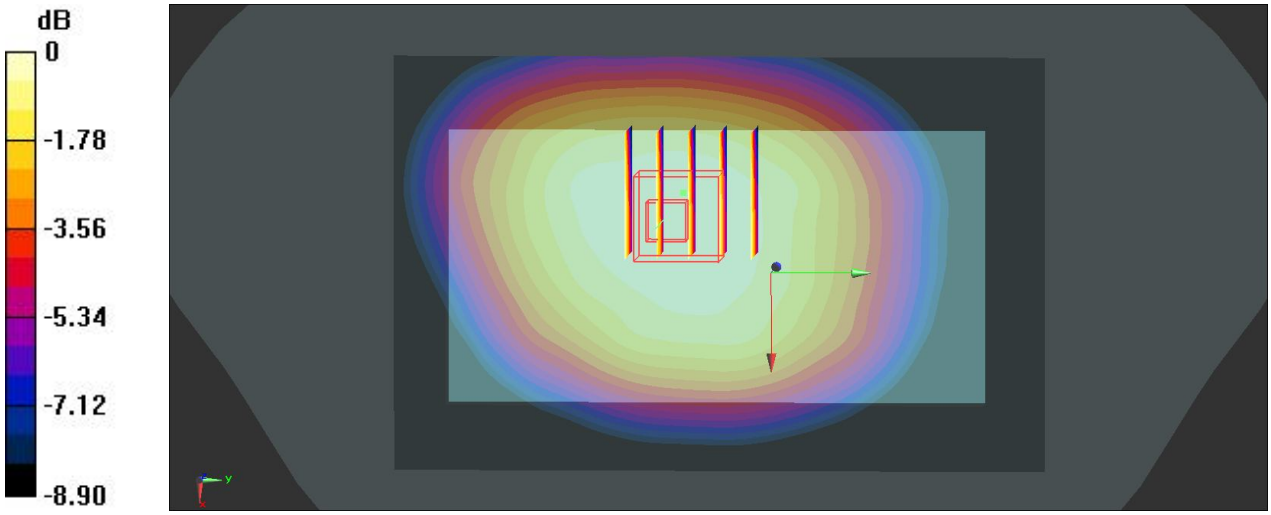
49 GSM850_GSM Voice_Front_1Cm_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_130904 Medium parameters used: f = 824.2 MHz; σ = 0.964 S/m; ε_r = 54.349; 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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.685 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.299 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.733 W/kg
SAR(1 g) = 0.594 W/kg; SAR(10 g) = 0.463 W/kg
Maximum value of SAR (measured) = 0.675 W/kg



0 dB = 0.675 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

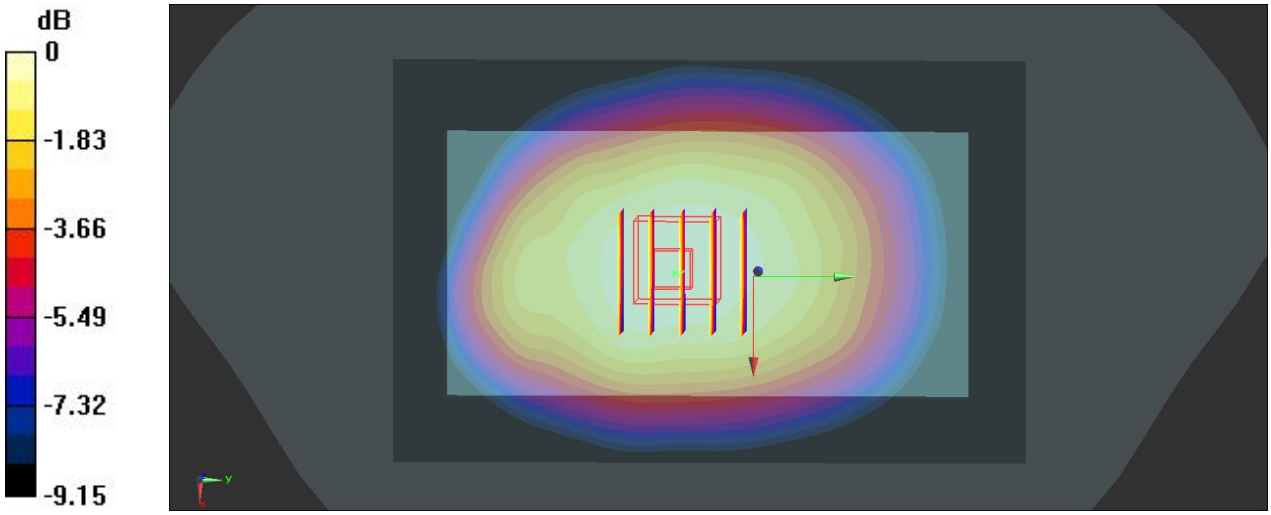
50 GSM850_GSM Voice_Back_1Cm_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_130904 Medium parameters used: f = 824.2 MHz; σ = 0.964 S/m; ε_r = 54.349; 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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.970 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.510 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.844 W/kg; SAR(10 g) = 0.651 W/kg
Maximum value of SAR (measured) = 0.966 W/kg



0 dB = 0.966 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

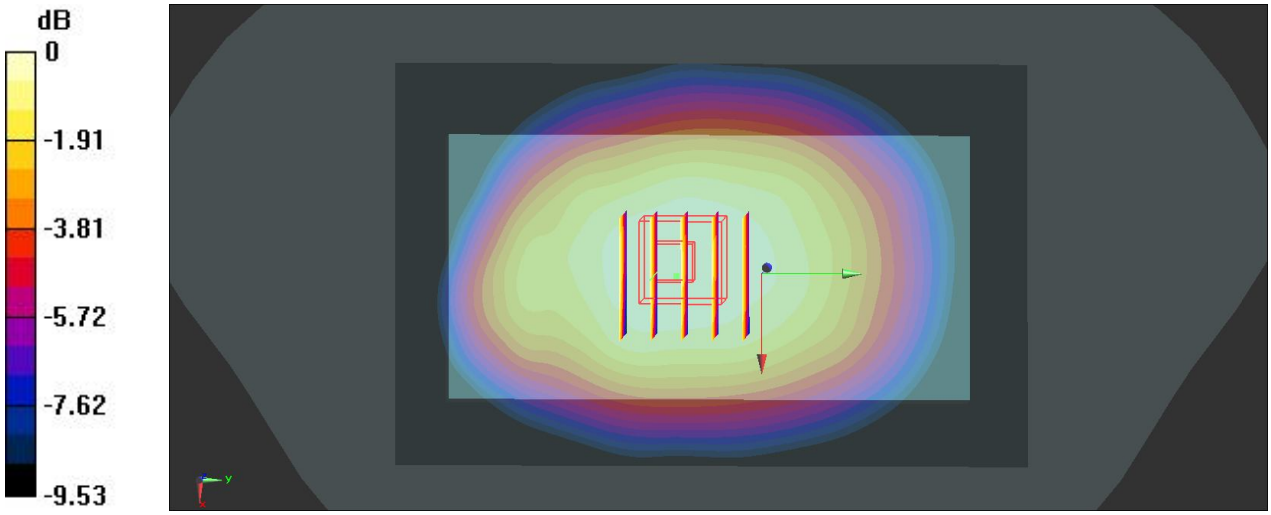
57 GSM850_GSM Voice_Back_1Cm_Ch189

Communication System: GSM Voice;Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_130904 Medium parameters used: f = 836.4 MHz; σ = 0.975 S/m; ε_r = 54.256; 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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.955 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.318 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.840 W/kg; SAR(10 g) = 0.646 W/kg
Maximum value of SAR (measured) = 0.951 W/kg



0 dB = 0.951 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

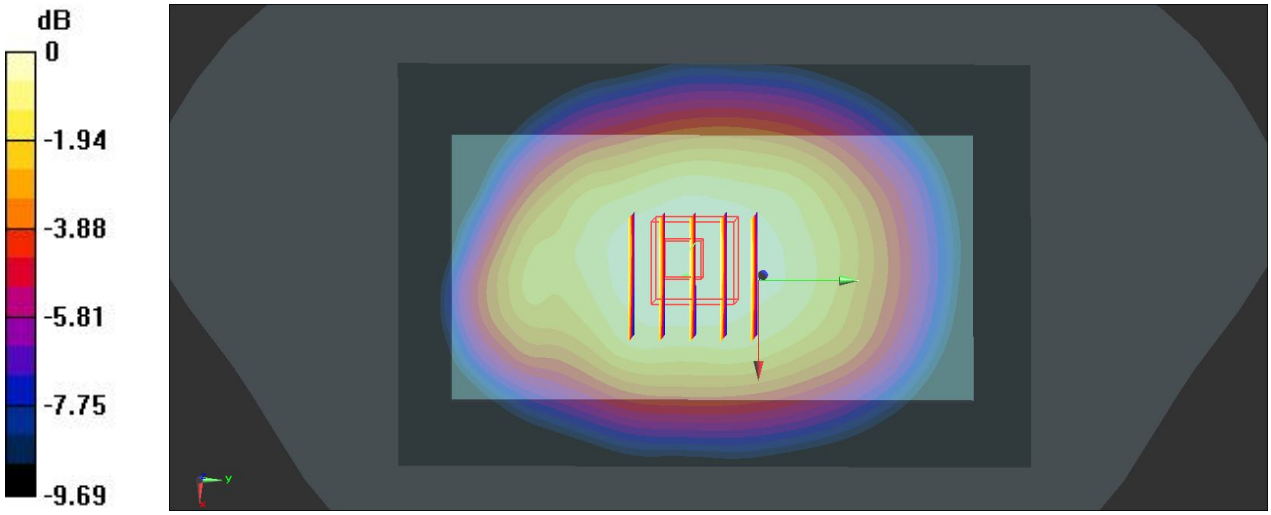
58 GSM850_GSM Voice_Back_1Cm_Ch251

Communication System: GSM Voice;Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_130904 Medium parameters used: f = 849 MHz; σ = 0.987 S/m; ε_r = 54.144; 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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.951 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.151 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.830 W/kg; SAR(10 g) = 0.639 W/kg
Maximum value of SAR (measured) = 0.949 W/kg



0 dB = 0.949 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

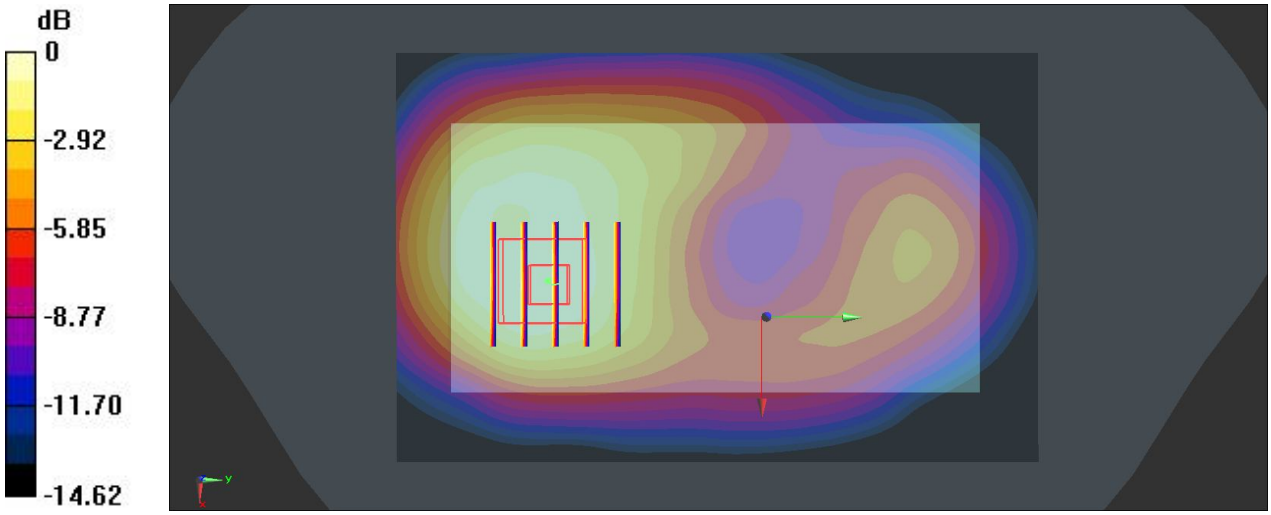
10 GSM1900_GPRS (GMSK 4 Tx slots)_Front_1Cm_Ch512

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_130904 Medium parameters used: f = 1850.2 MHz; σ = 1.475 S/m; ε_r = 52.577; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.719 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.561 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.866 W/kg
SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.349 W/kg
Maximum value of SAR (measured) = 0.722 W/kg



0 dB = 0.722 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

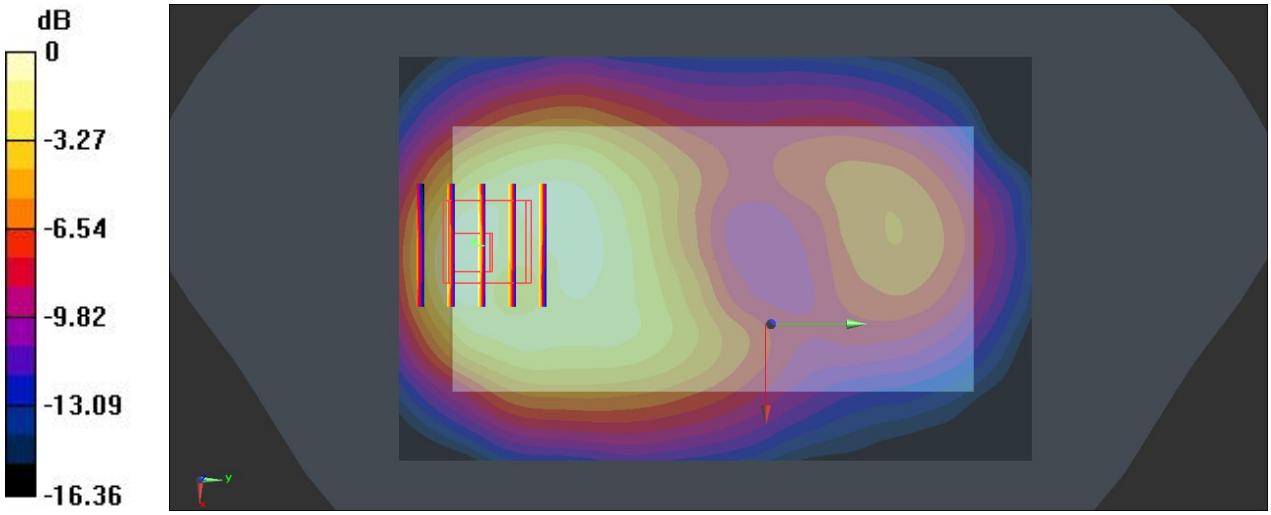
11 GSM1900_GPRS (GMSK 4 Tx slots)_Back_1Cm_Ch512

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_130904 Medium parameters used: f = 1850.2 MHz; σ = 1.475 S/m; ε_r = 52.577; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.823 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.546 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.646 W/kg; SAR(10 g) = 0.378 W/kg
Maximum value of SAR (measured) = 0.848 W/kg



0 dB = 0.848 W/kg

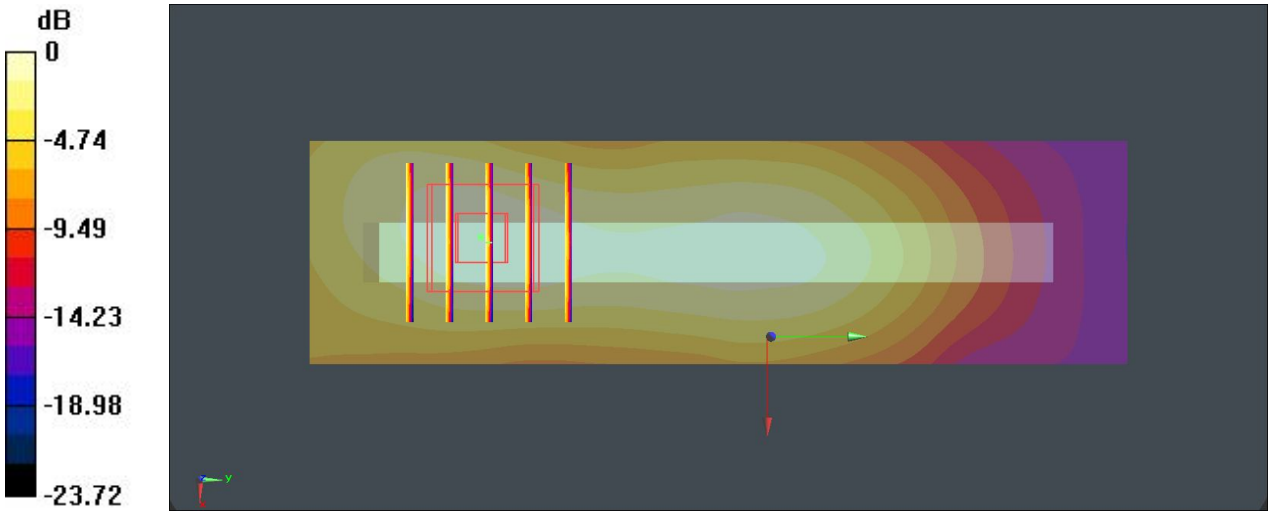
12 GSM1900_GPRS (GMSK 4 Tx slots)_Left side_1Cm_Ch512

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_130904 Medium parameters used: f = 1850.2 MHz; σ = 1.475 S/m; ε_r = 52.577; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (111x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.252 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.419 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.316 W/kg
SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.110 W/kg
Maximum value of SAR (measured) = 0.261 W/kg



0 dB = 0.261 W/kg

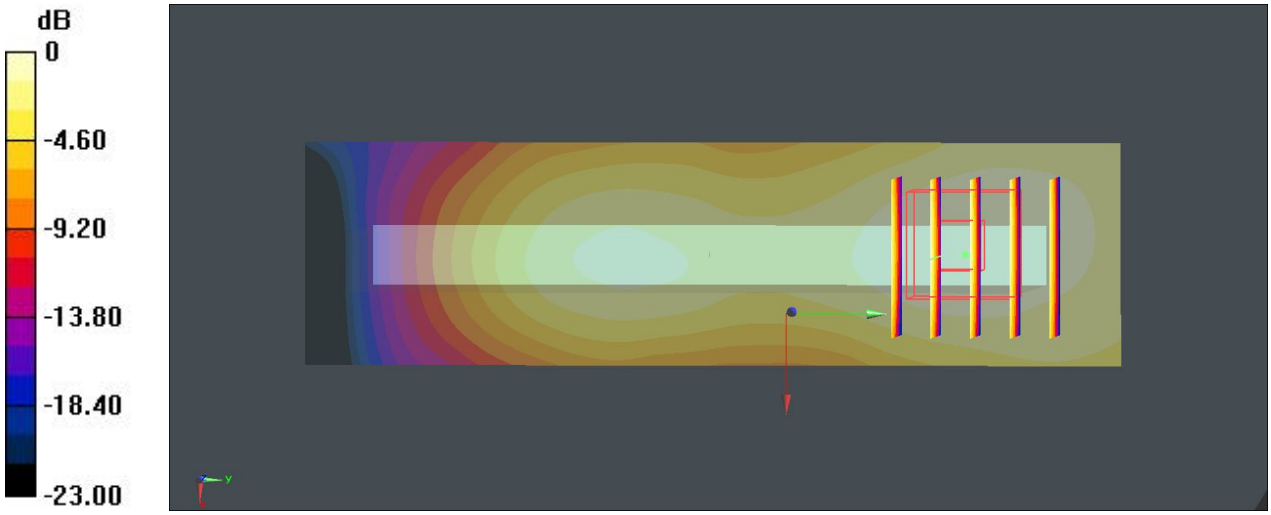
13 GSM1900_GPRS (GMSK 4 Tx slots)_Right side_1Cm_Ch512

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_130904 Medium parameters used: f = 1850.2 MHz; σ = 1.475 S/m; ε_r = 52.577; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (111x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.193 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.886 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.243 W/kg
SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.091 W/kg
Maximum value of SAR (measured) = 0.200 W/kg



0 dB = 0.200 W/kg

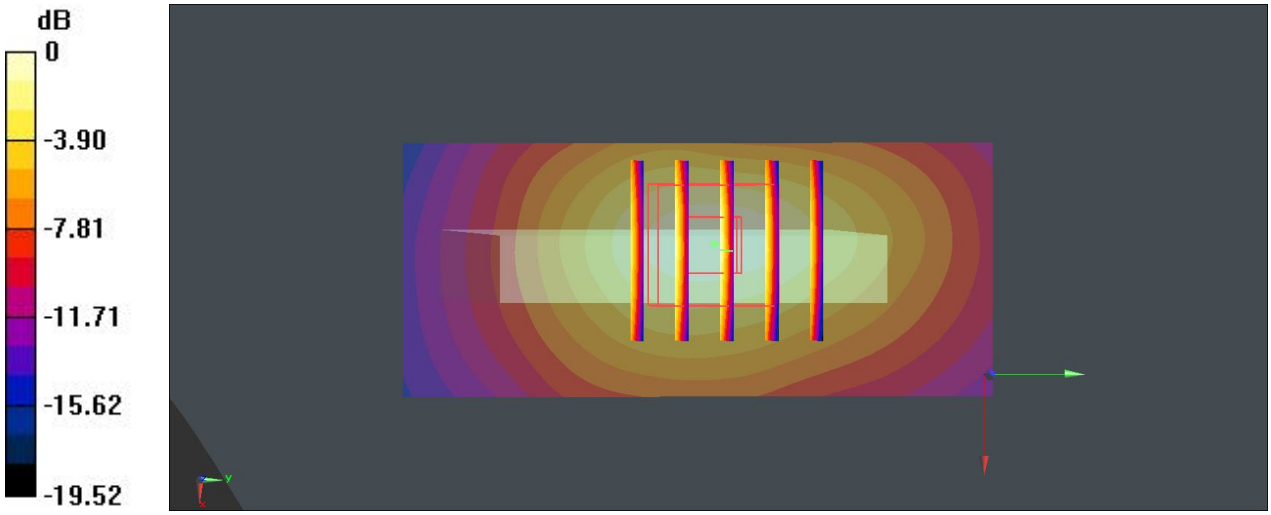
14 GSM1900_GPRS (GMSK 4 Tx slots)_Bottom side_1Cm_Ch512

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_130904 Medium parameters used: f = 1850.2 MHz; σ = 1.475 S/m; ε_r = 52.577; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (71x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.857 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.840 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.365 W/kg
Maximum value of SAR (measured) = 0.877 W/kg



0 dB = 0.877 W/kg

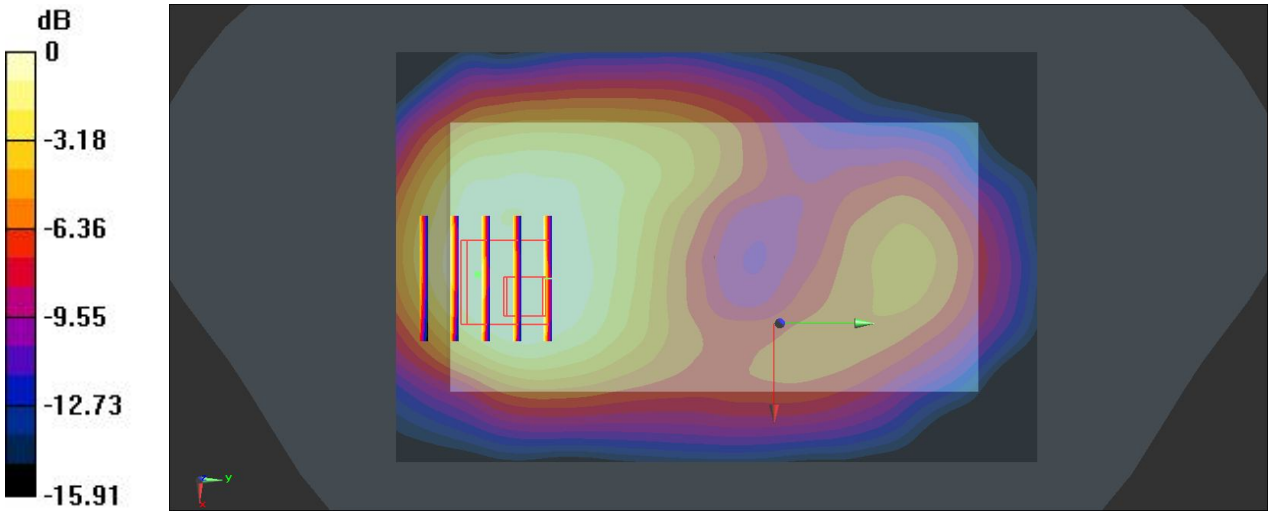
15 GSM1900_GSM Voice_Front_1Cm_Ch512

Communication System: GSM Voice;Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_130904 Medium parameters used: f = 1850.2 MHz; σ = 1.475 S/m; ε_r = 52.577; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.380 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.236 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.455 W/kg
SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 0.378 W/kg



0 dB = 0.378 W/kg

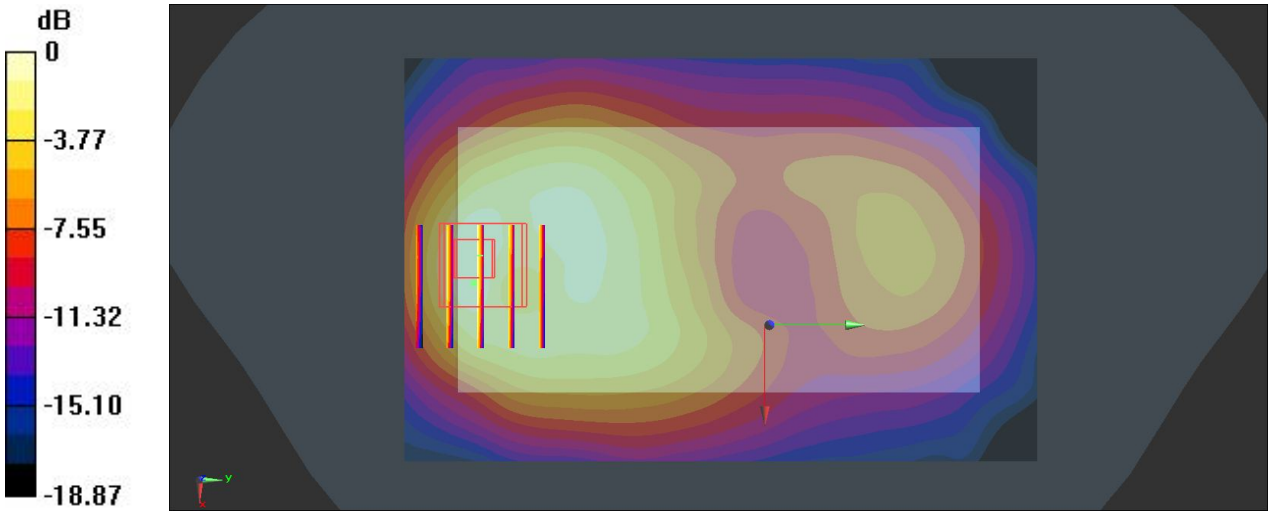
16 GSM1900_GSM Voice_Back_1Cm_Ch512

Communication System: GSM Voice;Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_130904 Medium parameters used: f = 1850.2 MHz; σ = 1.475 S/m; ε_r = 52.577; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.459 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.129 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.564 W/kg
SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.202 W/kg
Maximum value of SAR (measured) = 0.483 W/kg



0 dB = 0.483 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

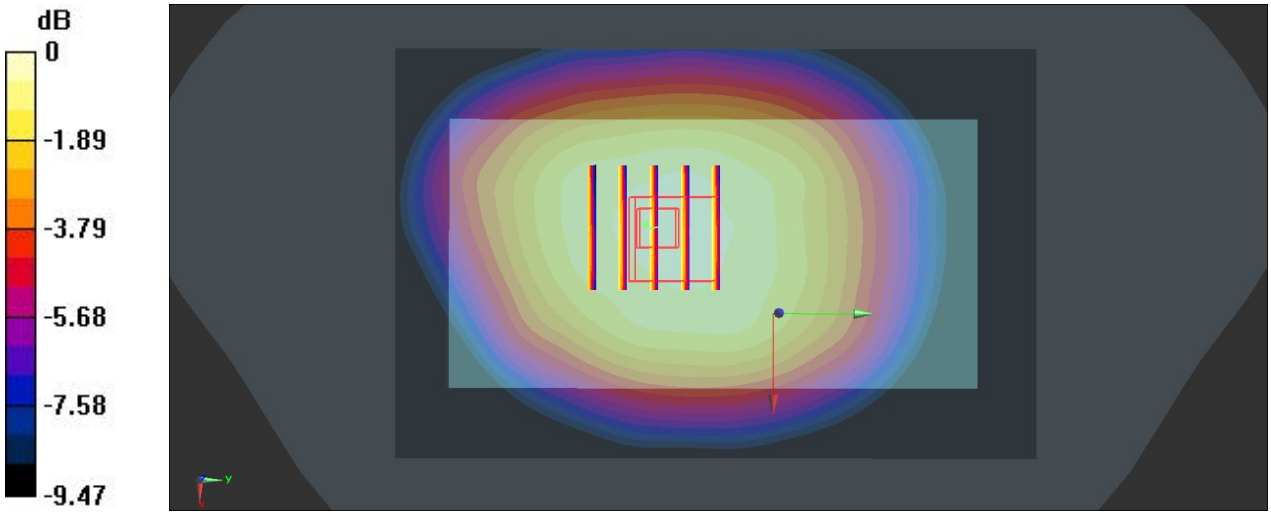
17 WCDMA Band V_RMC 12.2K_Front_1Cm_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_130904 Medium parameters used: f = 847 MHz; σ = 0.985 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)

Ch4233/Area Scan (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.599 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.036 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.739 W/kg
SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.417 W/kg
Maximum value of SAR (measured) = 0.667 W/kg



0 dB = 0.667 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

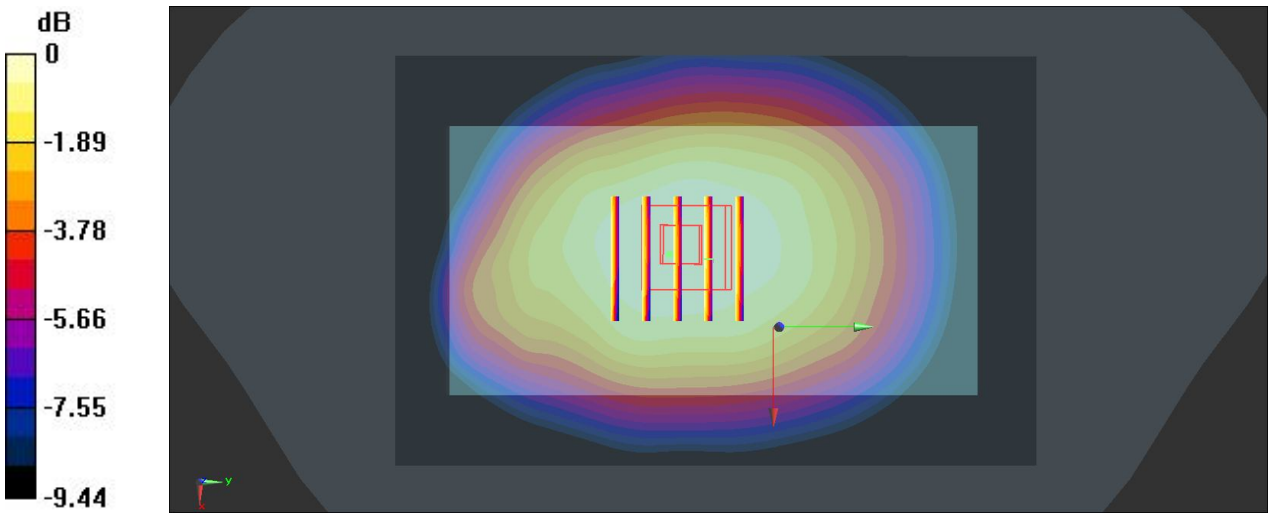
18 WCDMA Band V_RMC 12.2K_Back_1Cm_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_130904 Medium parameters used: f = 847 MHz; σ = 0.985 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)

Ch4233/Area Scan (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.894 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.241 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.973 W/kg
SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.603 W/kg
Maximum value of SAR (measured) = 0.888 W/kg



0 dB = 0.888 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

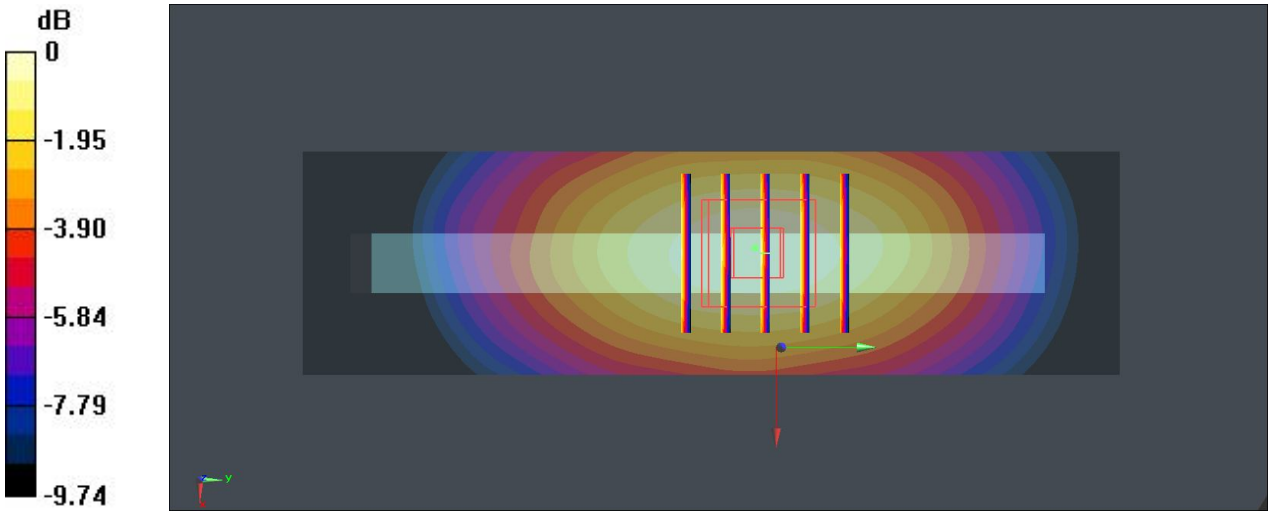
19 WCDMA Band V_RMC 12.2K_Left side_1Cm_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_130904 Medium parameters used: f = 847 MHz; σ = 0.985 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)

Ch4233/Area Scan (111x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.594 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.520 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.686 W/kg
SAR(1 g) = 0.491 W/kg; SAR(10 g) = 0.341 W/kg
Maximum value of SAR (measured) = 0.601 W/kg



0 dB = 0.601 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

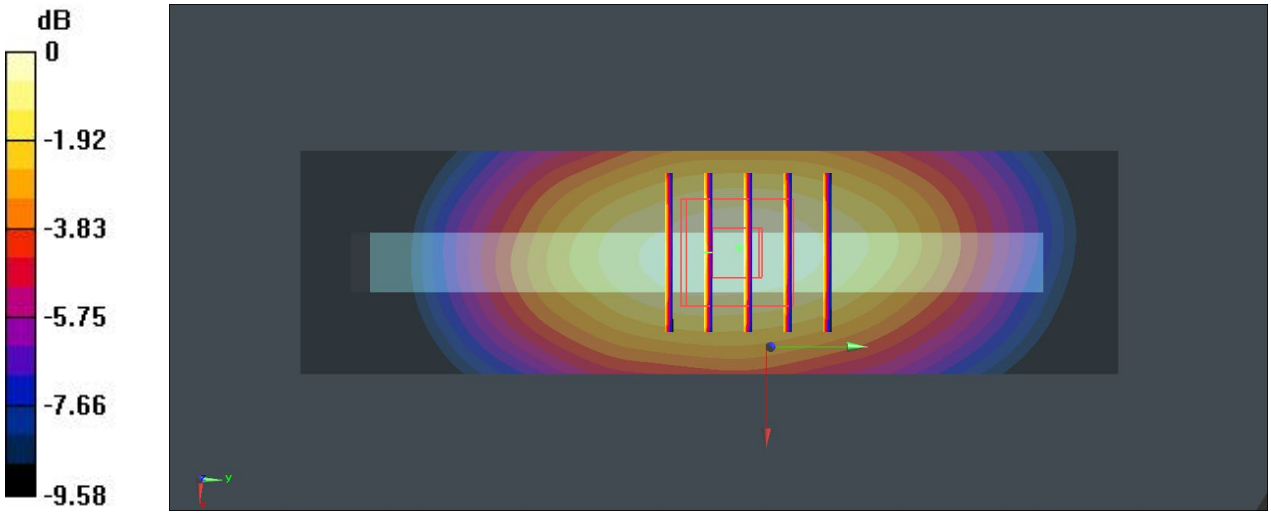
20 WCDMA Band V_RMC 12.2K_Right side_1Cm_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_130904 Medium parameters used: f = 847 MHz; σ = 0.985 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)

Ch4233/Area Scan (111x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.722 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.276 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.830 W/kg
SAR(1 g) = 0.595 W/kg; SAR(10 g) = 0.418 W/kg
Maximum value of SAR (measured) = 0.724 W/kg



0 dB = 0.724 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

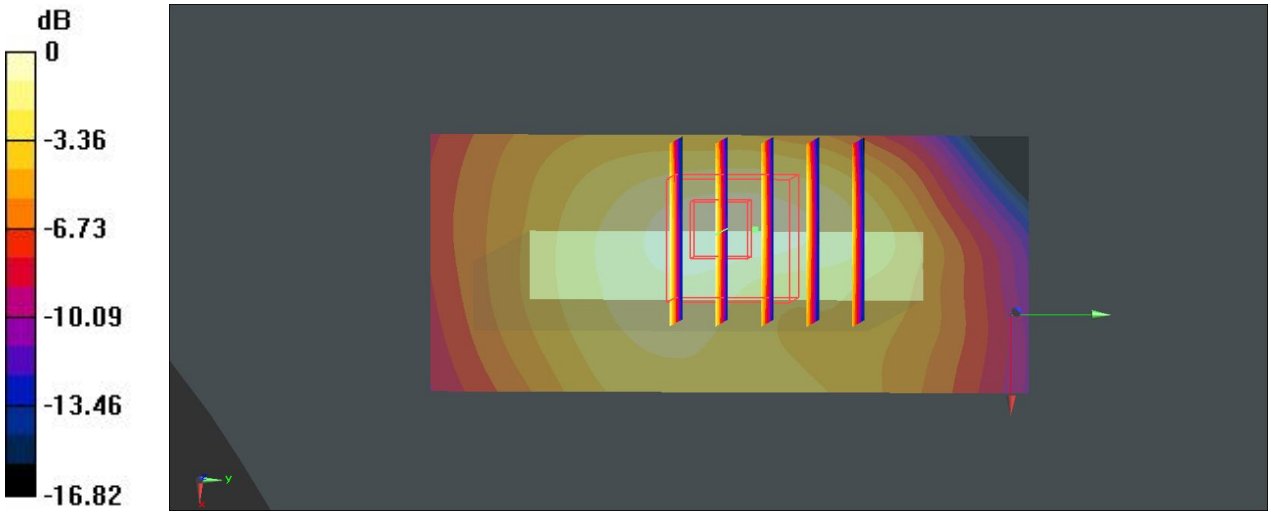
21 WCDMA Band V_RMC 12.2K_Bottom side_1Cm_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_130904 Medium parameters used: f = 847 MHz; σ = 0.985 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)

Ch4233/Area Scan (71x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0877 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.090 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.121 W/kg
SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.038 W/kg
Maximum value of SAR (measured) = 0.0949 W/kg



0 dB = 0.0949 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

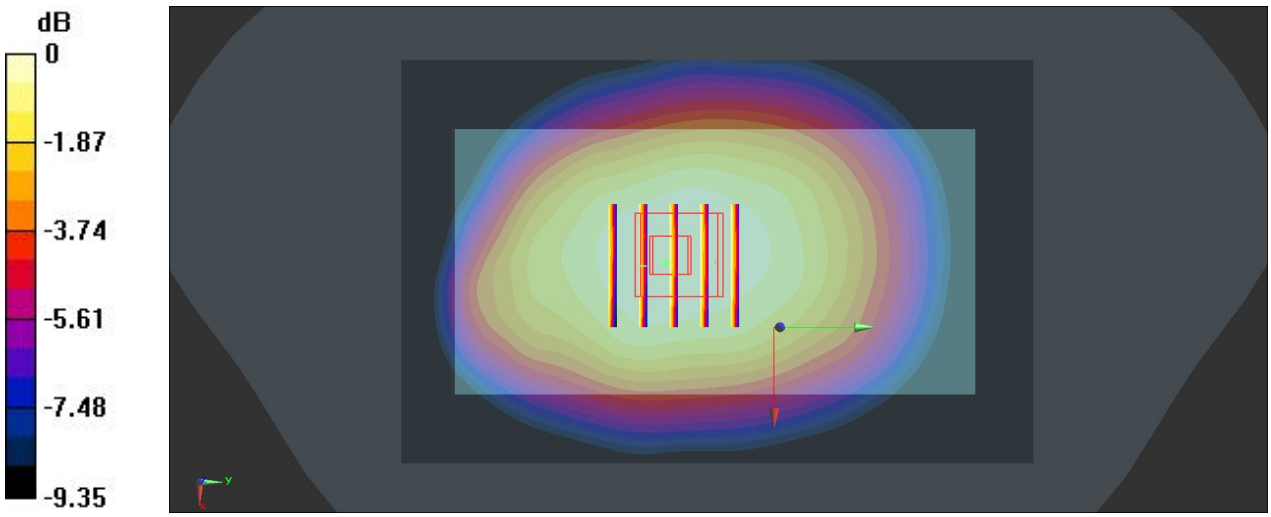
22 WCDMA Band V_RMC 12.2K_Back_1Cm_Ch4132

Communication System: WCDMA;Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130904 Medium parameters used: f = 826.4 MHz; σ = 0.966 S/m; ε_r = 54.331; 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)

Ch4132/Area Scan (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.872 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.964 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.951 W/kg
SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.588 W/kg
Maximum value of SAR (measured) = 0.865 W/kg



0 dB = 0.865 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

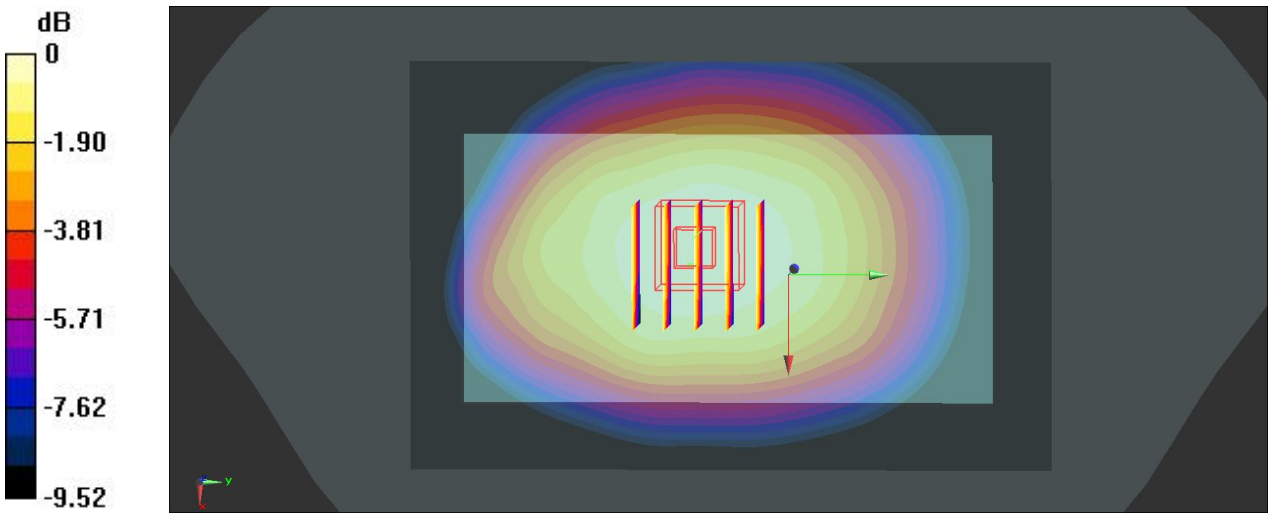
23 WCDMA Band V_RMC 12.2K_Back_1Cm_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130904 Medium parameters used: f = 836.4 MHz; σ = 0.975 S/m; ε_r = 54.256; 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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.968 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.626 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.657 W/kg
Maximum value of SAR (measured) = 0.972 W/kg



0 dB = 0.972 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

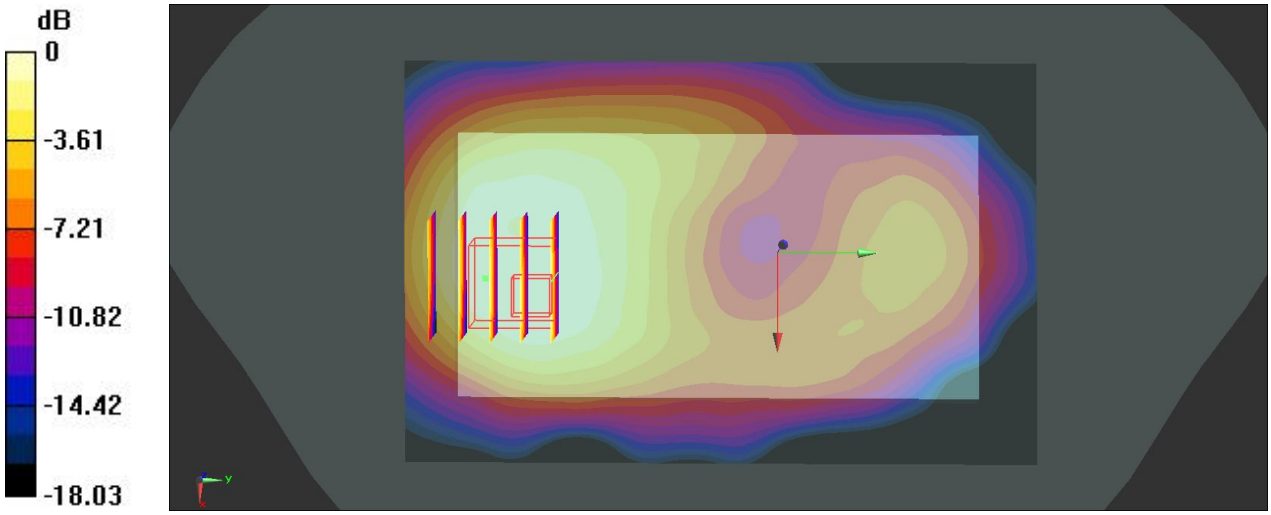
01 WCDMA Band II_RMC 12.2K_Front_1Cm_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130904 Medium parameters used: f = 1852.4 MHz; σ = 1.478 S/m; ε_r = 52.57; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.717 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.507 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.885 W/kg
SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.348 W/kg
Maximum value of SAR (measured) = 0.731 W/kg



0 dB = 0.731 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

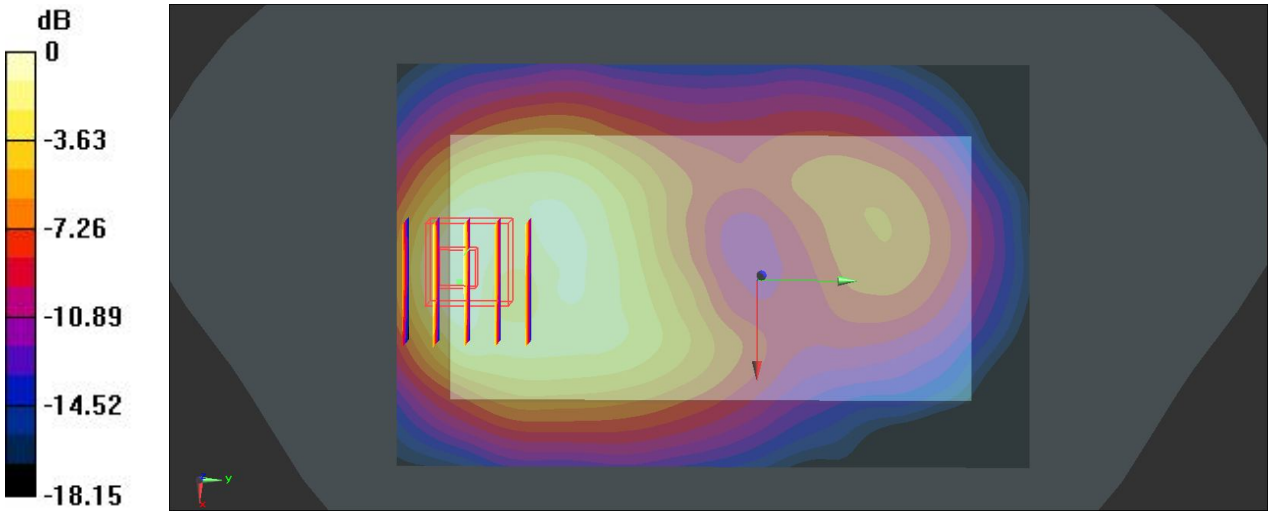
02 WCDMA Band II_RMC 12.2K_Back_1Cm_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130904 Medium parameters used: f = 1852.4 MHz; σ = 1.478 S/m; ε_r = 52.57; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.976 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.131 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.411 W/kg
Maximum value of SAR (measured) = 0.949 W/kg



0 dB = 0.949 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

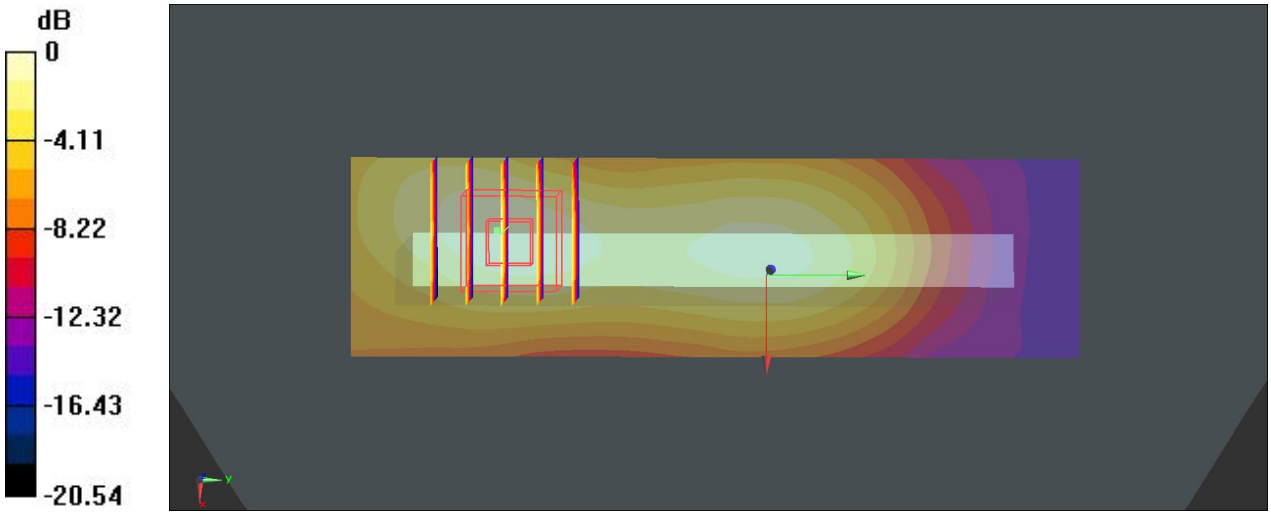
03 WCDMA Band II_RMC 12.2K_Left side_1Cm_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130904 Medium parameters used: f = 1852.4 MHz; σ = 1.478 S/m; ε_r = 52.57; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (111x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.272 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.385 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.327 W/kg
SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.270 W/kg



0 dB = 0.270 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

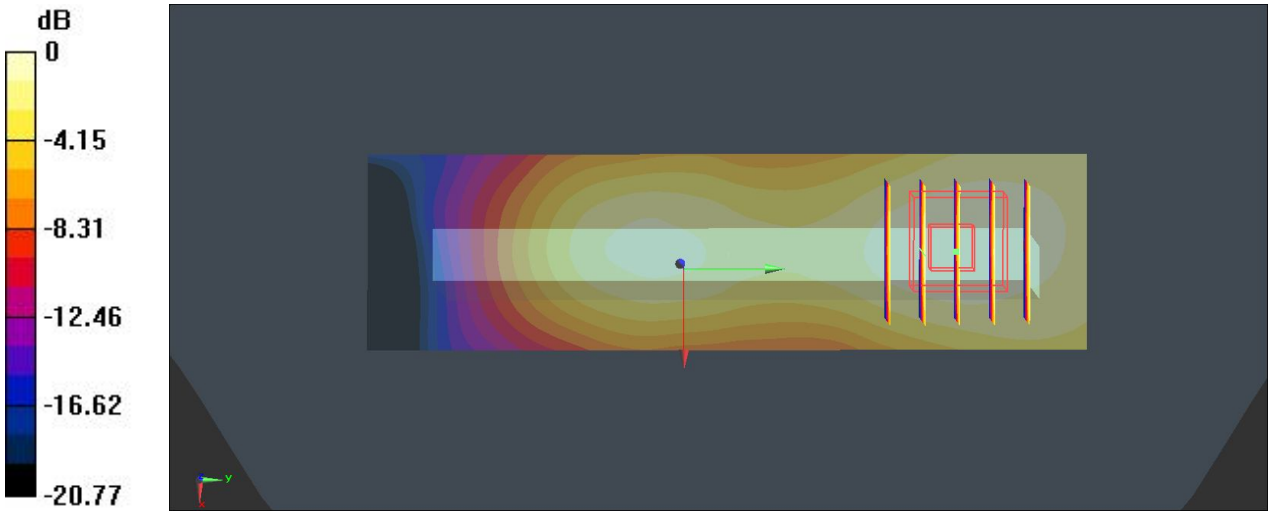
04 WCDMA Band II_RMC 12.2K_Right side_1Cm_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130904 Medium parameters used: f = 1852.4 MHz; σ = 1.478 S/m; ε_r = 52.57; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (111x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.178 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.784 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.225 W/kg
SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.085 W/kg
Maximum value of SAR (measured) = 0.185 W/kg



0 dB = 0.185 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

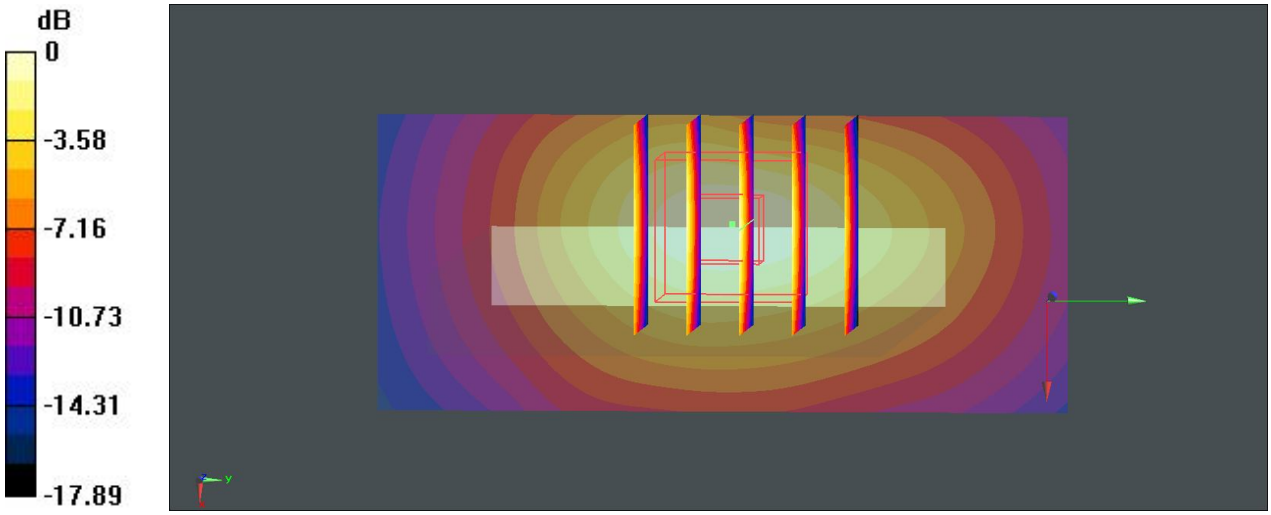
05 WCDMA Band II_RMC 12.2K_Bottom side_1Cm_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130904 Medium parameters used: f = 1852.4 MHz; σ = 1.478 S/m; ε_r = 52.57; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (71x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.988 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.547 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.756 W/kg; SAR(10 g) = 0.424 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

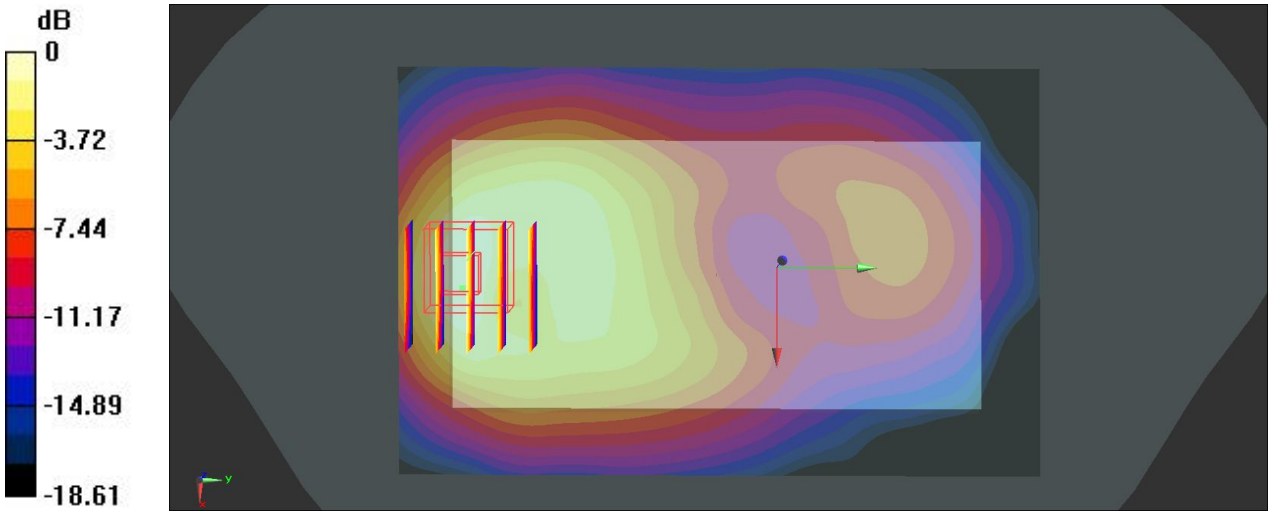
06 WCDMA Band II_RMC 12.2K_Back_1Cm_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130904 Medium parameters used: f = 1880 MHz; σ = 1.509 S/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.953 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.938 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.394 W/kg
Maximum value of SAR (measured) = 0.931 W/kg



0 dB = 0.931 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

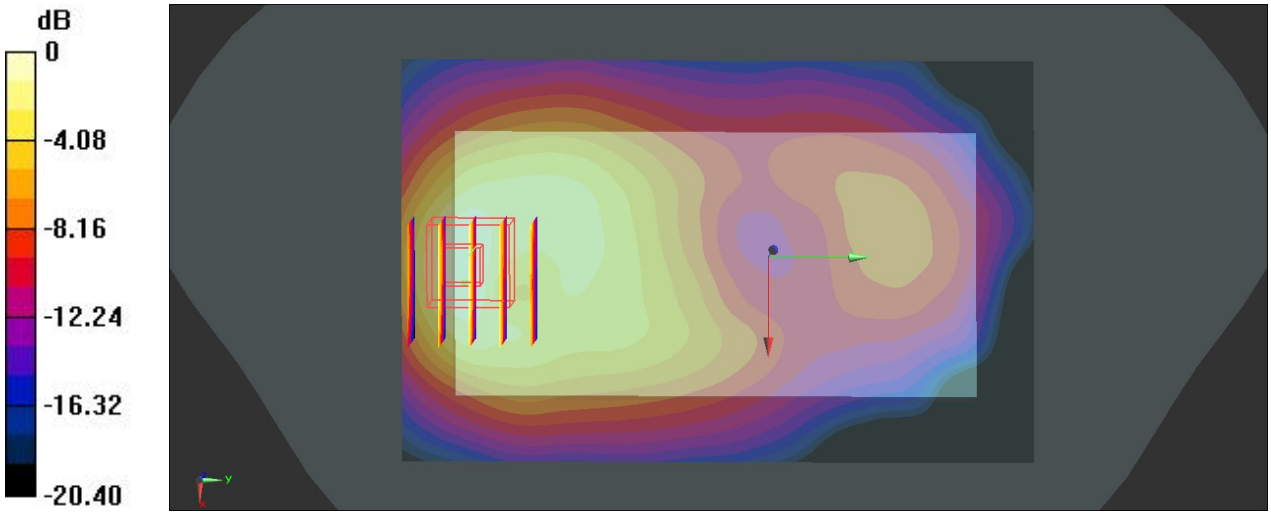
07 WCDMA Band II_RMC 12.2K_Back_1Cm_Ch9538

Communication System: WCDMA;Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130904 Medium parameters used: f = 1908 MHz; σ = 1.541 S/m; ε_r = 52.377; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (111x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.889 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.295 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.648 W/kg; SAR(10 g) = 0.359 W/kg
Maximum value of SAR (measured) = 0.879 W/kg



0 dB = 0.879 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

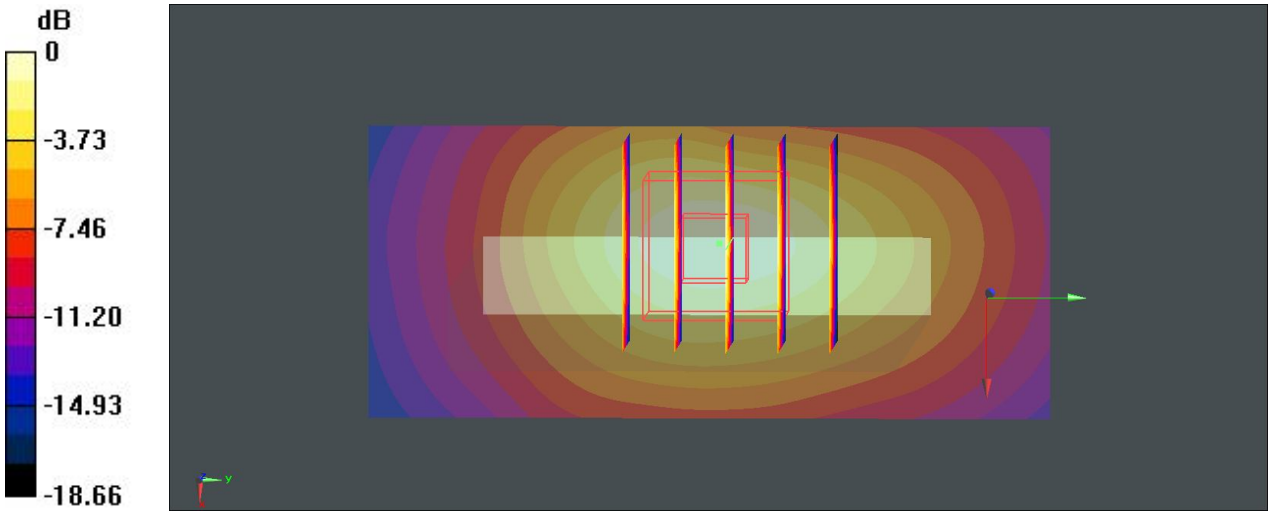
08 WCDMA Band II_RMC 12.2K_Bottom side_1Cm_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130904 Medium parameters used: f = 1880 MHz; σ = 1.509 S/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (71x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.900 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.793 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.382 W/kg
Maximum value of SAR (measured) = 0.918 W/kg



0 dB = 0.918 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.04

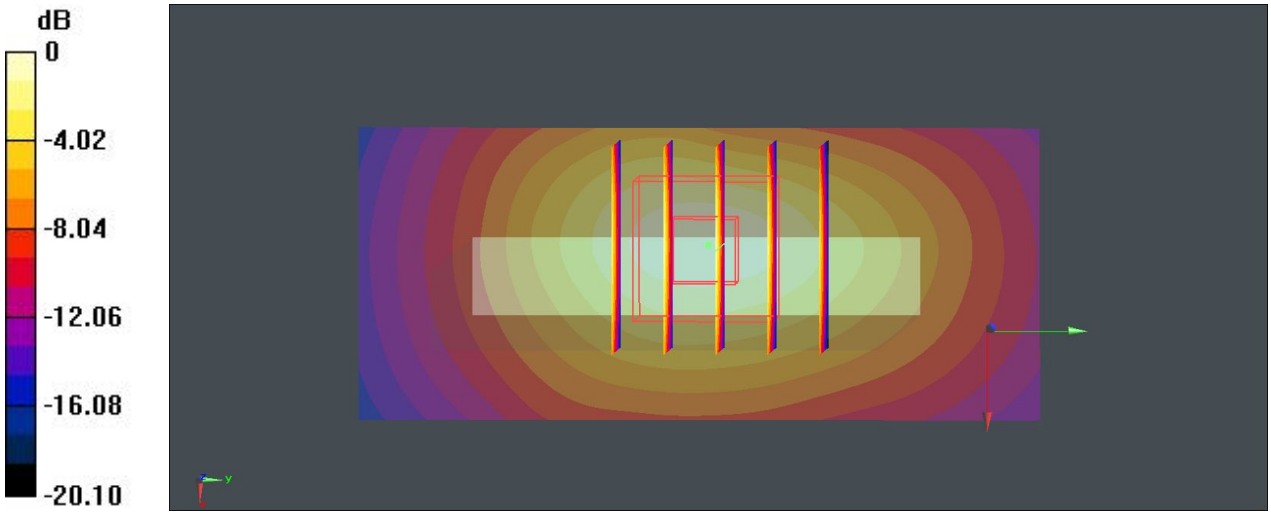
09 WCDMA Band II_RMC 12.2K_Bottom side_1Cm_Ch9538

Communication System: WCDMA;Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130904 Medium parameters used: f = 1908 MHz; σ = 1.541 S/m; ε_r = 52.377; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.7 ℃

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 (71x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.802 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.559 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.336 W/kg
Maximum value of SAR (measured) = 0.845 W/kg



0 dB = 0.845 W/kg

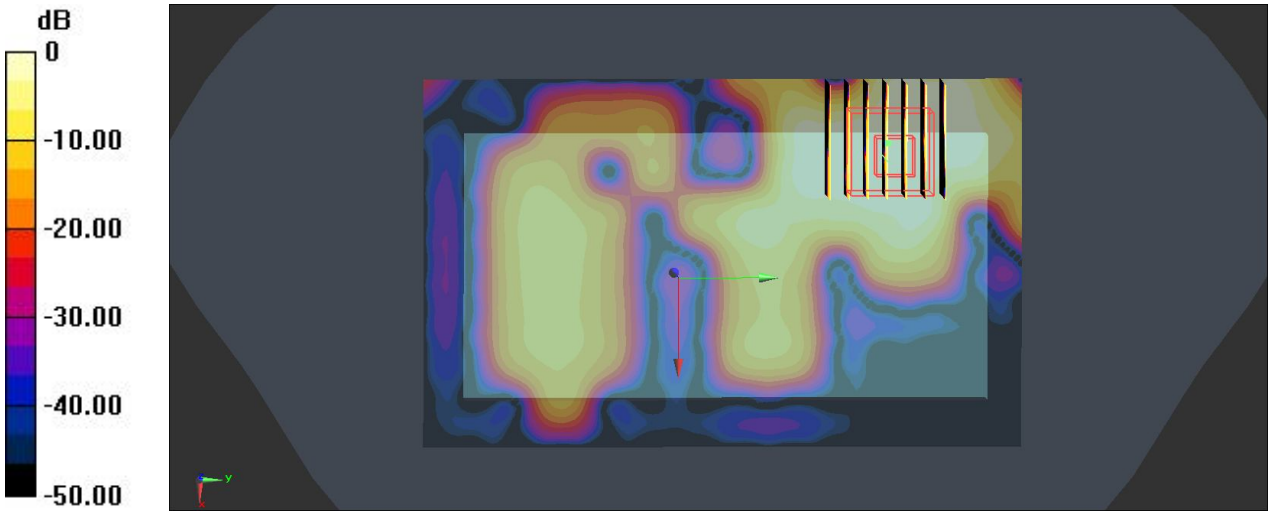
36 WLAN 2.4GHz_802.11b_Front_1Cm_Ch11

Communication System: 802.11b ;Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130908 Medium parameters used: f = 2462 MHz; σ = 1.954 S/m; ε_r = 51.055; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

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)

Ch11/Area Scan (131x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0661 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.975 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.106 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.015 W/kg
Maximum value of SAR (measured) = 0.0596 W/kg



0 dB = 0.0596 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.08

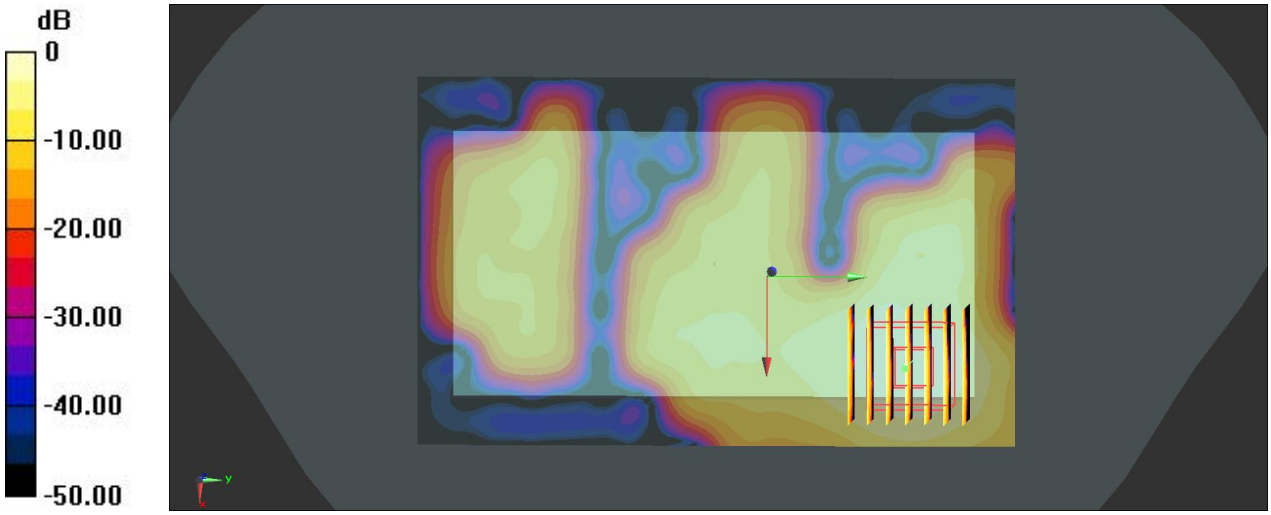
37 WLAN 2.4GHz_802.11b_Back_1Cm_Ch11

Communication System: 802.11b ;Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130908 Medium parameters used: f = 2462 MHz; σ = 1.954 S/m; ε_r = 51.055; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

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)

Ch11/Area Scan (131x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.155 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.166 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.207 W/kg
SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.047 W/kg
Maximum value of SAR (measured) = 0.160 W/kg



0 dB = 0.160 W/kg

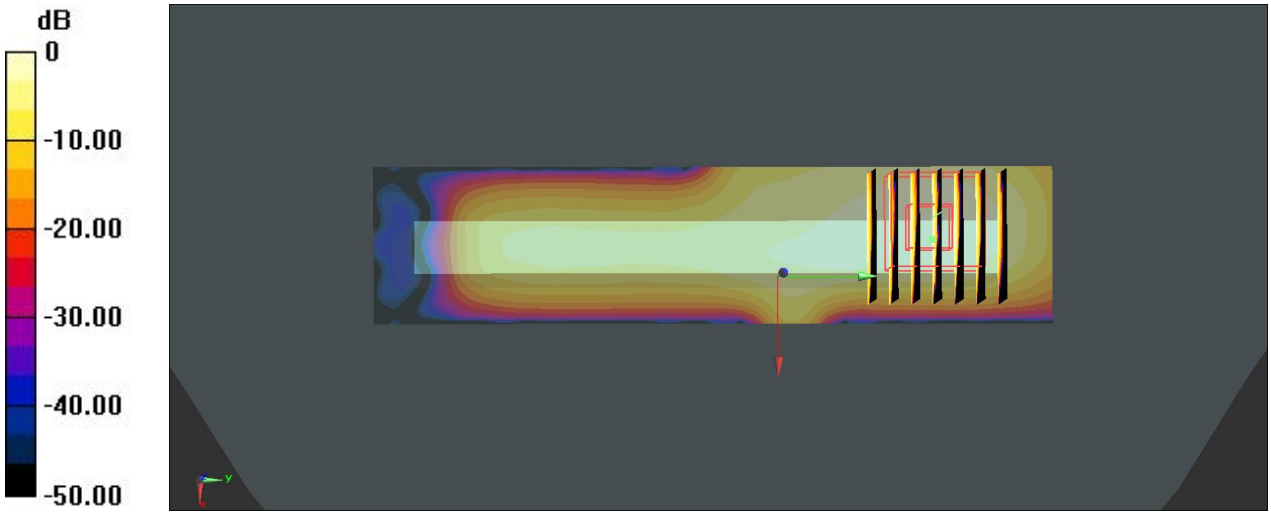
38 WLAN 2.4GHz_802.11b_Left side_1Cm_Ch11

Communication System: 802.11b ;Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130908 Medium parameters used: f = 2462 MHz; σ = 1.954 S/m; ε_r = 51.055; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

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)

Ch11/Area Scan (131x31x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.127 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.059 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.307 W/kg
SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.030 W/kg
Maximum value of SAR (measured) = 0.121 W/kg



0 dB = 0.121 W/kg

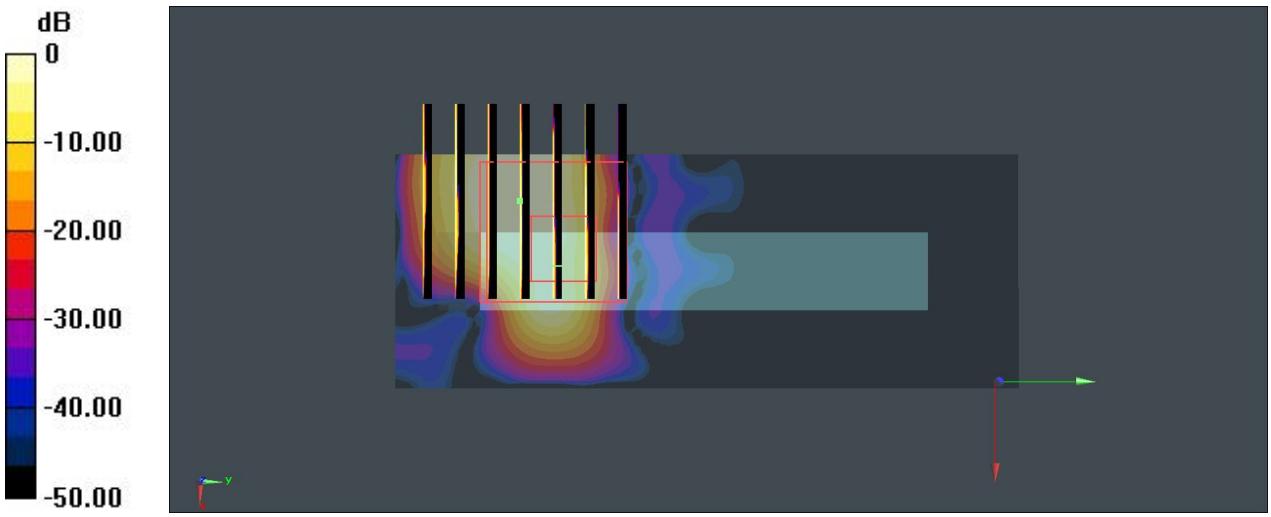
39 WLAN 2.4GHz_802.11b_Top side_1Cm_Ch11

Communication System: 802.11b ;Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130908 Medium parameters used: f = 2462 MHz; σ = 1.954 S/m; ε_r = 51.055; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

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)

Ch11/Area Scan (81x31x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0282 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0460 W/kg
SAR(1 g) = 0.00734 W/kg; SAR(10 g) = 0.00224 W/kg
Maximum value of SAR (measured) = 0.0163 W/kg



0 dB = 0.0163 W/kg