Appendix A. Plots of System Performance Check

The plots are shown as follows.

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.08

System Check_Head_835MHz_131208

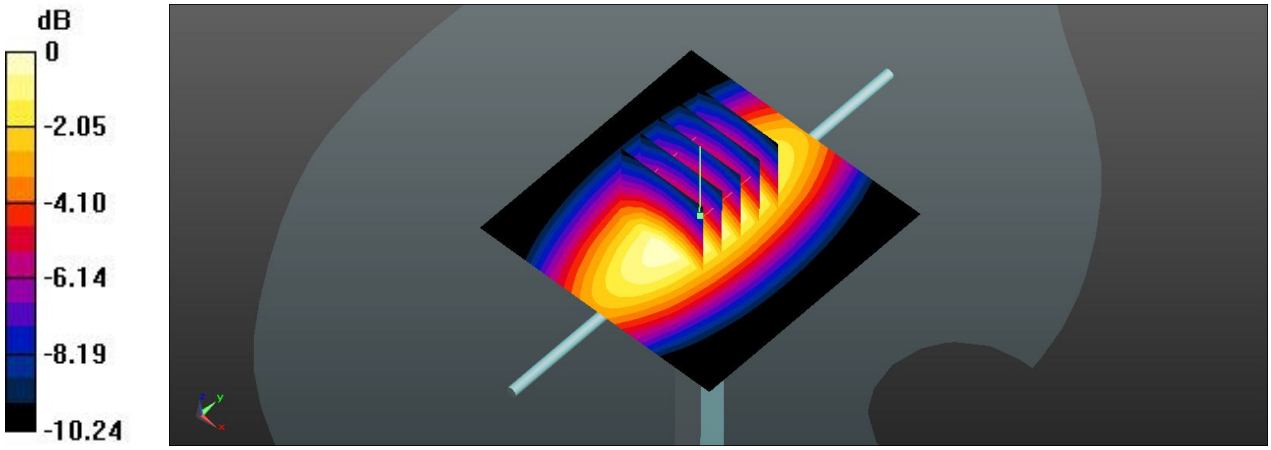
DUT: D835V2 - SN: 4d151

Communication System: CW;Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_131208 Medium parameters used: f = 835 MHz; σ = 0.915 S/m; ε_r = 41.529; 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 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) = 2.86 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.715 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 3.36 W/kg
SAR(1 g) = 2.29 W/kg; SAR(10 g) = 1.52 W/kg
Maximum value of SAR (measured) = 2.84 W/kg



0 dB = 2.84 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

System Check_Head_1750MHz_131210

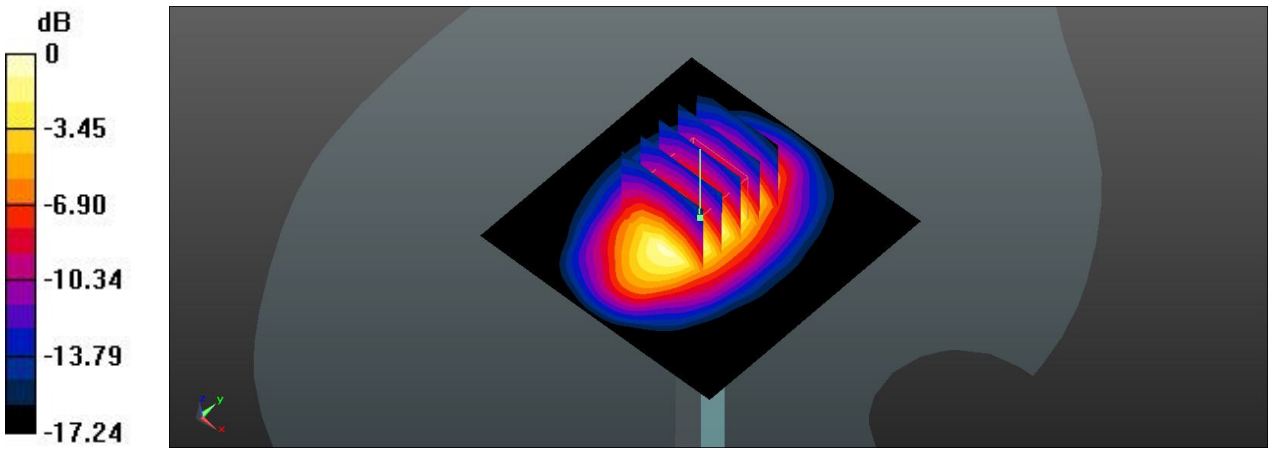
DUT: D1750V2 - SN: 1090

Communication System: CW;Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: HSL_1750_131210 Medium parameters used: f = 1750 MHz; σ = 1.395 S/m; ε_r = 40.742; ρ = 1000 kg/m^3
Ambient Temperature: 23.6 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); 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) = 12.8 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 94.197 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 16.3 W/kg
SAR(1 g) = 9.03 W/kg; SAR(10 g) = 4.82 W/kg
Maximum value of SAR (measured) = 12.5 W/kg



0 dB = 12.5 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

System Check_Head_1900MHz_131210

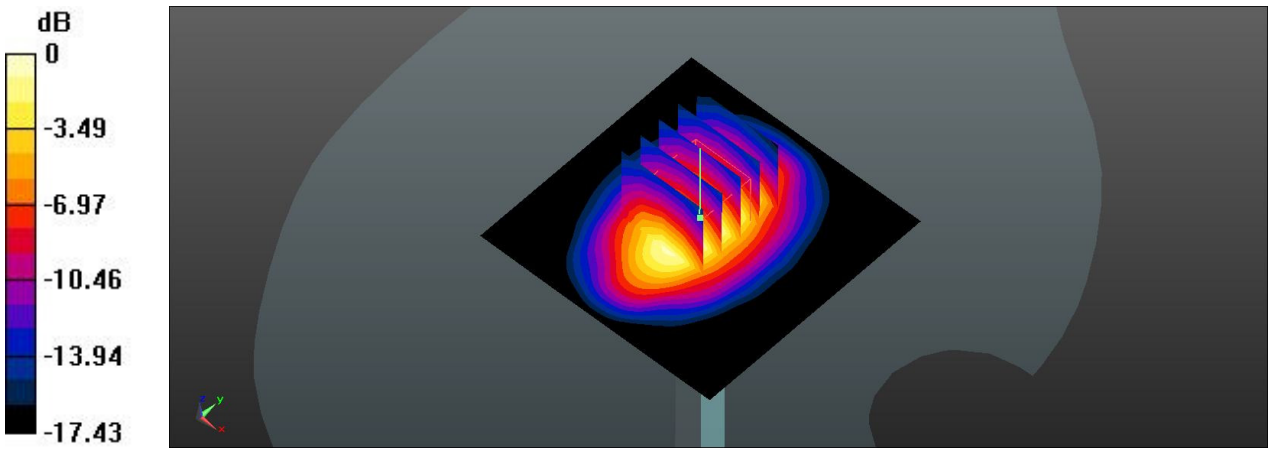
DUT: D1900V2 - SN: 5d170

Communication System: CW;Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131210 Medium parameters used: f = 1900 MHz; σ = 1.417 S/m; ε_r = 39.706; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; Liquid Temperature：22.4 ℃

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) = 14.0 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 98.565 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 17.6 W/kg
SAR(1 g) = 9.89 W/kg; SAR(10 g) = 5.27 W/kg
Maximum value of SAR (measured) = 13.6 W/kg



0 dB = 13.6 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2014.01.02

System Check_Head_2450MHz_140102

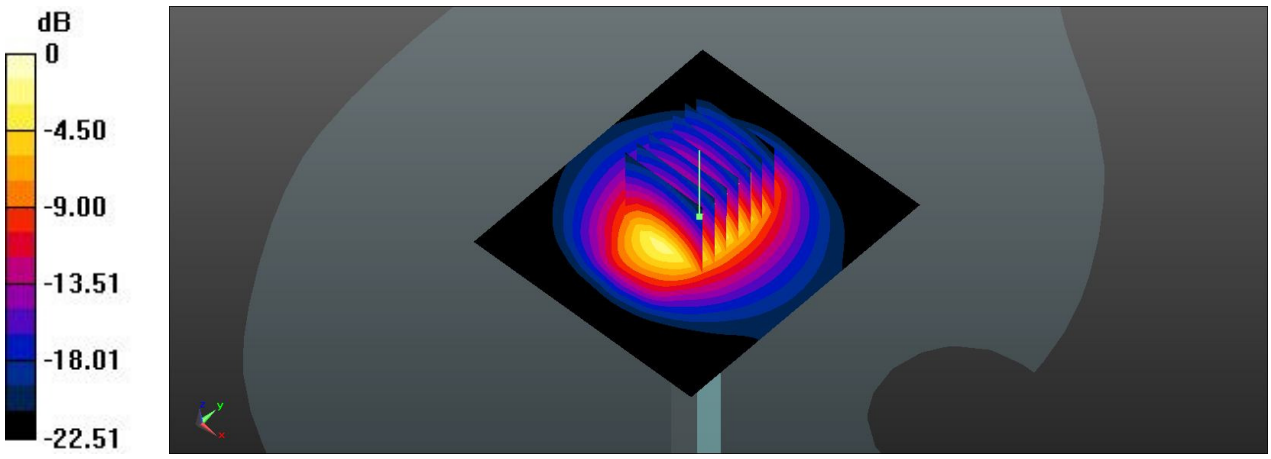
DUT: D2450V2 - SN: 908

Communication System: CW;Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_140102 Medium parameters used: f = 2450 MHz; σ = 1.829 S/m; ε_r = 40.081; 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) = 21.1 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 107.1 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 28.0 W/kg
SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.07 W/kg
Maximum value of SAR (measured) = 20.4 W/kg



0 dB = 20.4 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

System Check_Body_835MHz_131210

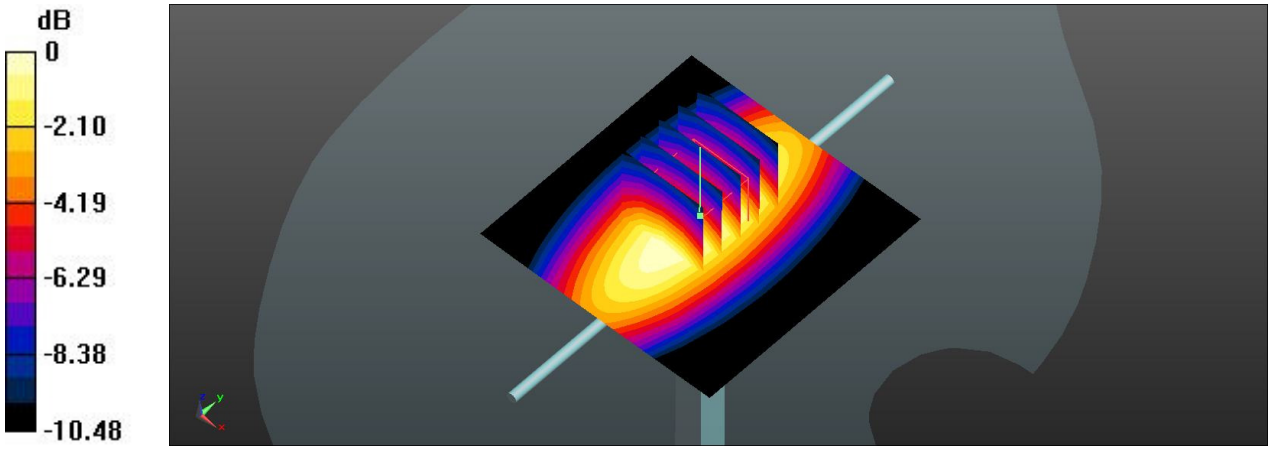
DUT: D835V2 - SN: 4d151

Communication System: CW;Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_131210 Medium parameters used: f = 835 MHz; σ = 0.971 S/m; ε_r = 56.304; 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) = 3.02 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.297 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.54 W/kg
SAR(1 g) = 2.4 W/kg; SAR(10 g) = 1.59 W/kg
Maximum value of SAR (measured) = 2.99 W/kg



0 dB = 2.99 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.11

System Check_Body_1750MHz_131211

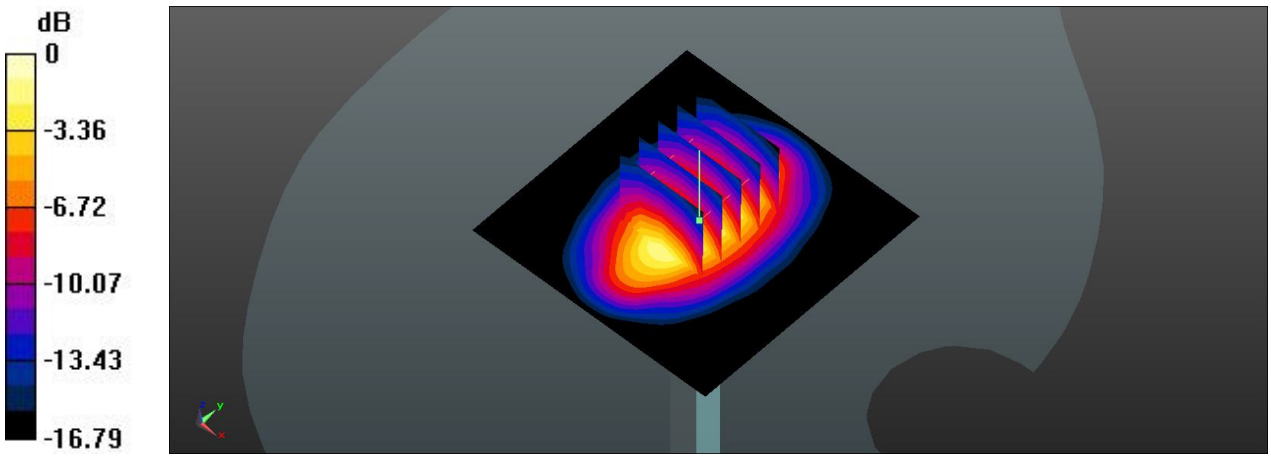
DUT: D1750V2 - SN: 1090

Communication System: CW;Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1750_131211 Medium parameters used: f = 1750 MHz; σ = 1.515 S/m; ε_r = 54.222; ρ = 1000 kg/m^3
Ambient Temperature: 23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 13.7 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 96.248 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 17.1 W/kg
SAR(1 g) = 9.68 W/kg; SAR(10 g) = 5.14 W/kg
Maximum value of SAR (measured) = 13.7 W/kg



0 dB = 13.7 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.07

System Check_Body_1900MHz_131207

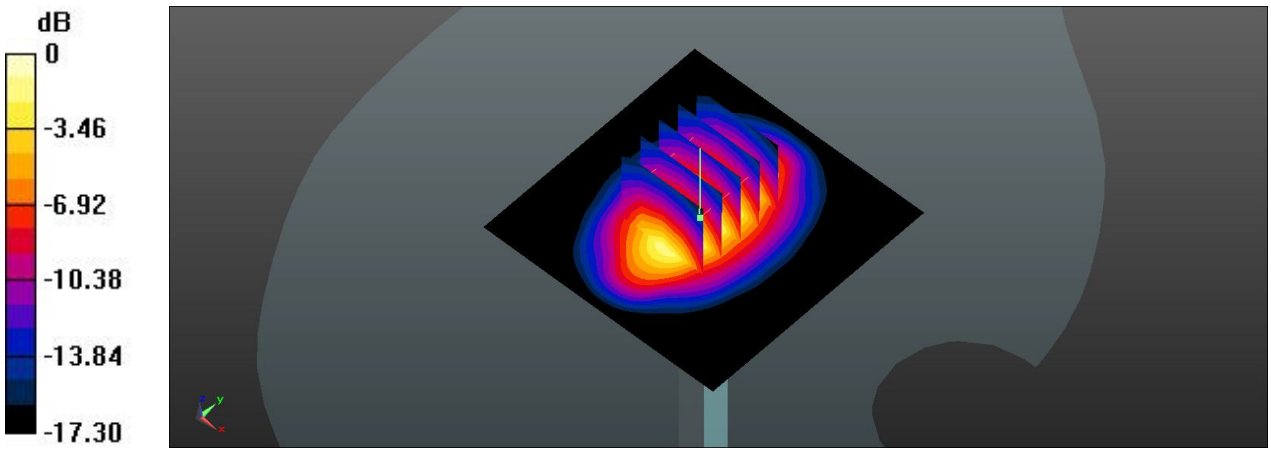
DUT: D1900V2 - SN: 5d170

Communication System: CW;Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131207 Medium parameters used: f = 1900 MHz; σ = 1.535 S/m; ε_r = 54.579; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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) = 14.1 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 96.713 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 17.6 W/kg
SAR(1 g) = 9.99 W/kg; SAR(10 g) = 5.25 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: 2014.01.03

System Check_Body_2450MHz_140103

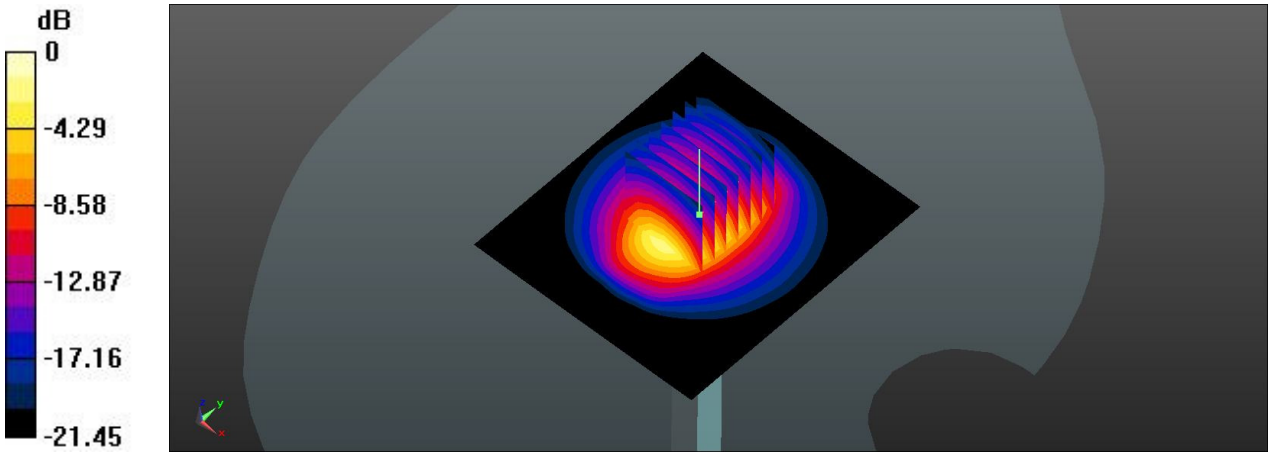
DUT: D2450V2 - SN: 908

Communication System: CW;Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_140103 Medium parameters used: f = 2450 MHz; σ = 1.94 S/m; ε_r = 53.374; ρ = 1000 kg/m^3
Ambient Temperature: 23.6 ℃; Liquid Temperature：22.7 ℃

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) = 18.9 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 94.592 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 24.4 W/kg
SAR(1 g) = 12 W/kg; SAR(10 g) = 5.61 W/kg
Maximum value of SAR (measured) = 18.0 W/kg



0 dB = 18.0 W/kg

Appendix B. Plots of SAR Measurement

The plots are shown as follows.

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.08

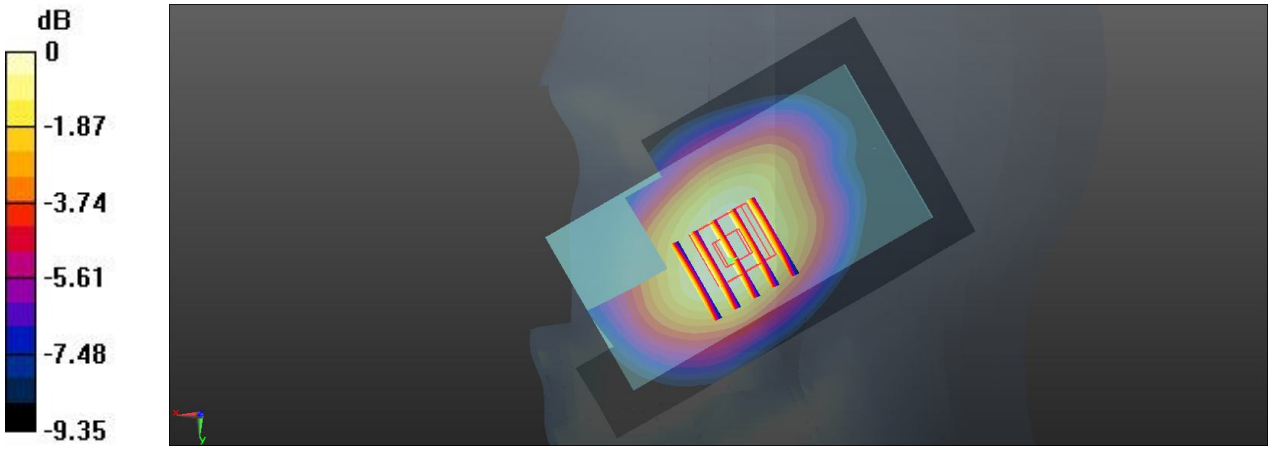
#17 GSM850_GSM Voice_Right Cheek_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_131208 Medium parameters used: f = 824.2 MHz; σ = 0.906 S/m; ε_r = 41.628; 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 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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.737 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.681 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.771 W/kg
SAR(1 g) = 0.641 W/kg; SAR(10 g) = 0.492 W/kg
Maximum value of SAR (measured) = 0.712 W/kg



0 dB = 0.712 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.08

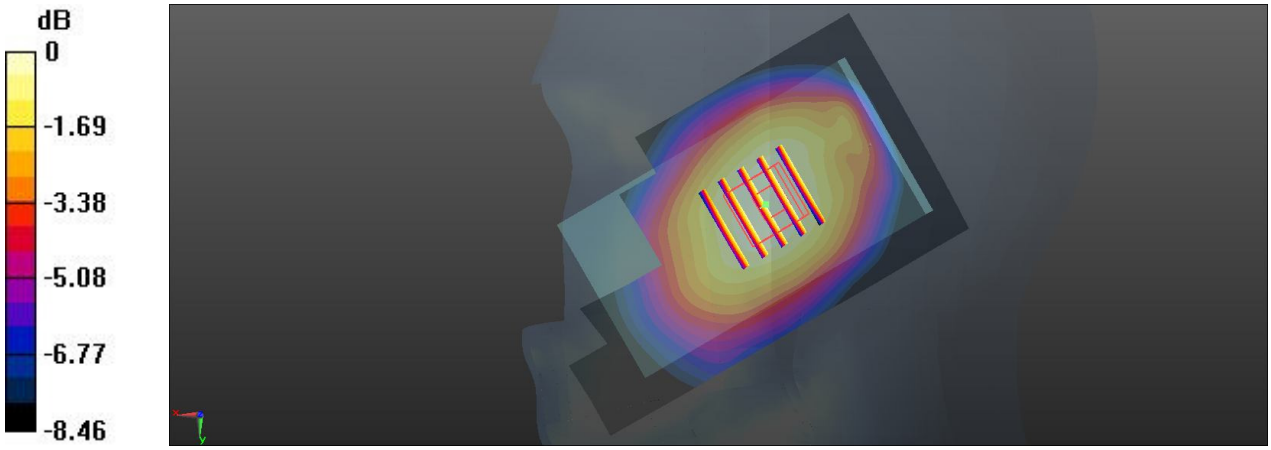
#18 GSM850_GSM Voice_Right Tilted_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_131208 Medium parameters used: f = 824.2 MHz; σ = 0.906 S/m; ε_r = 41.628; 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 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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.428 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.806 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.472 W/kg
SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.303 W/kg
Maximum value of SAR (measured) = 0.438 W/kg



0 dB = 0.438 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.08

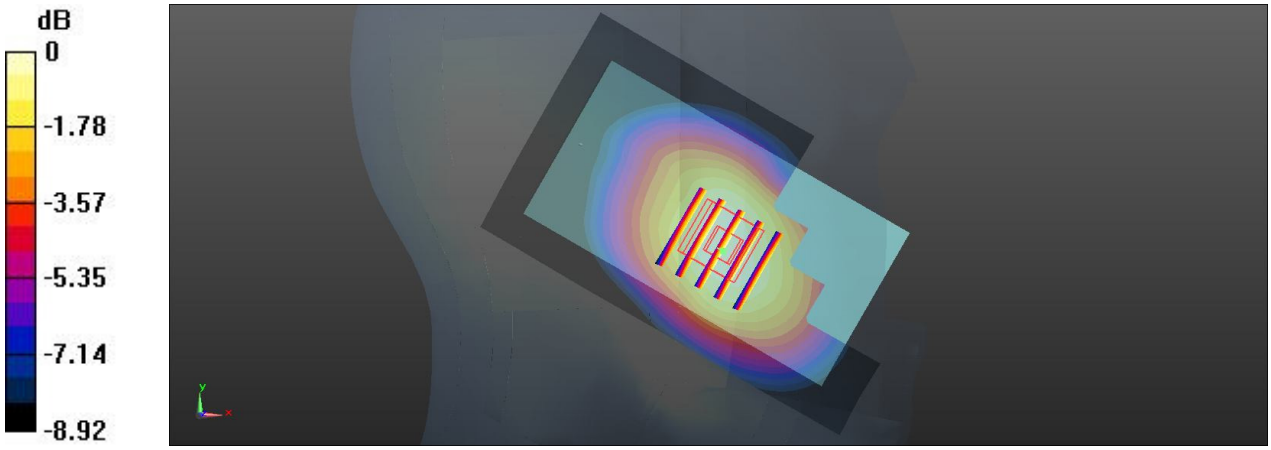
#19 GSM850_GSM Voice_Left Cheek_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_131208 Medium parameters used: f = 824.2 MHz; σ = 0.906 S/m; ε_r = 41.628; 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 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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.636 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.882 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.699 W/kg
SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.436 W/kg
Maximum value of SAR (measured) = 0.650 W/kg



0 dB = 0.650 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.08

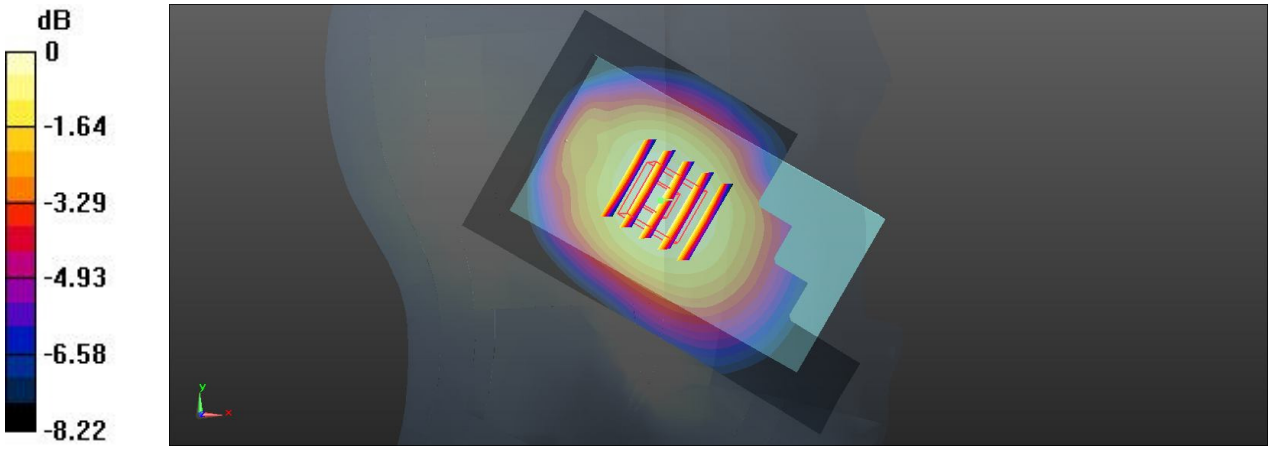
#20 GSM850_GSM Voice_Left Tilted_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_131208 Medium parameters used: f = 824.2 MHz; σ = 0.906 S/m; ε_r = 41.628; 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 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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.413 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.349 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.457 W/kg
SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.291 W/kg
Maximum value of SAR (measured) = 0.421 W/kg



0 dB = 0.421 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

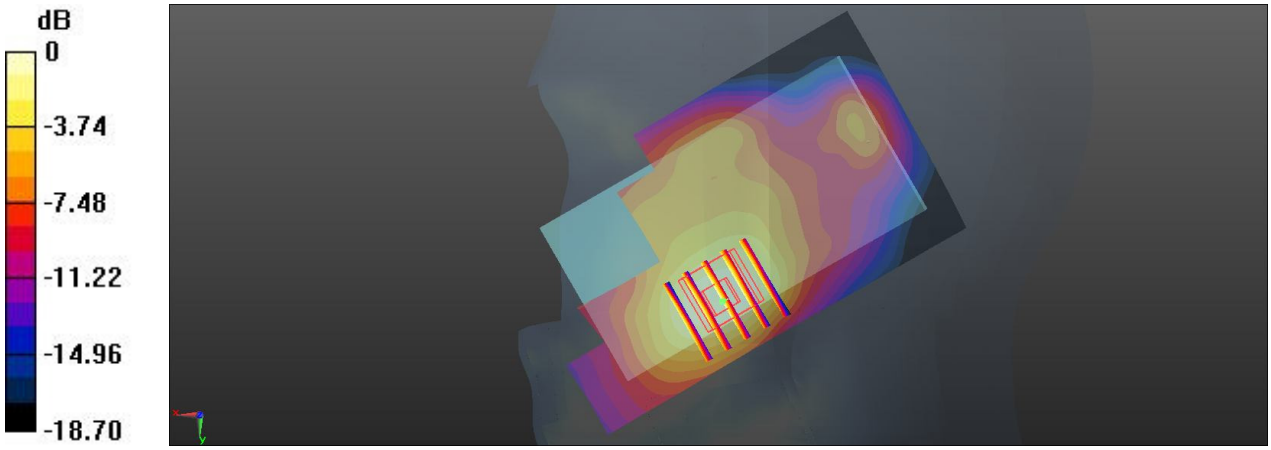
#25 GSM1900_GSM Voice_Right Cheek_Ch810

Communication System: GSM Voice;Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_131210 Medium parameters used: f = 1909.8 MHz; σ = 1.426 S/m; ε_r = 39.668; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; Liquid Temperature：22.4 ℃

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) = 0.509 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.043 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.586 W/kg
SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.226 W/kg
Maximum value of SAR (measured) = 0.486 W/kg



0 dB = 0.486 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

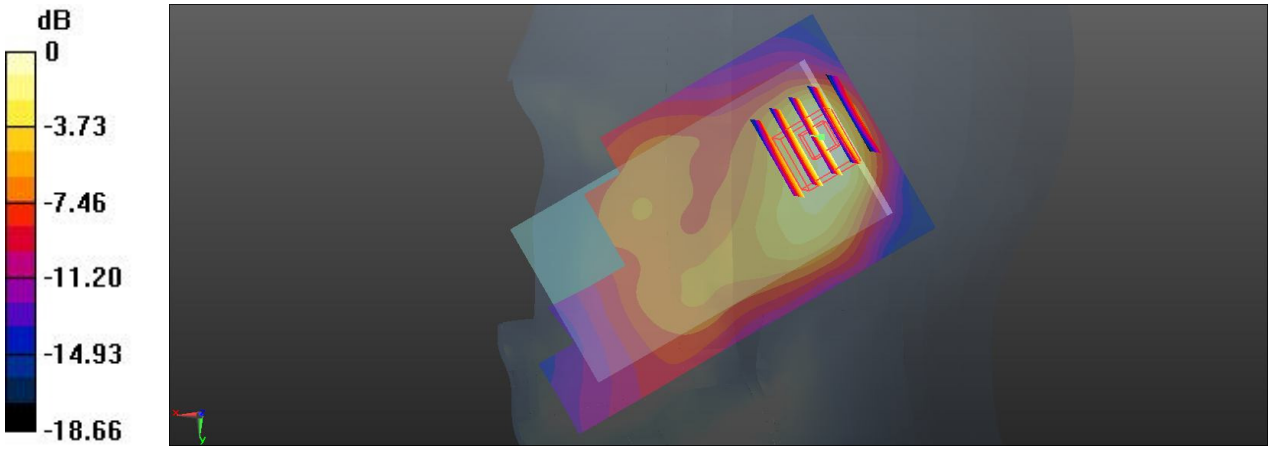
#26 GSM1900_GSM Voice_Right Tilted_Ch810

Communication System: GSM Voice;Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_131210 Medium parameters used: f = 1909.8 MHz; σ = 1.426 S/m; ε_r = 39.668; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; Liquid Temperature：22.4 ℃

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) = 0.223 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.194 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.086 W/kg
Maximum value of SAR (measured) = 0.215 W/kg



0 dB = 0.215 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

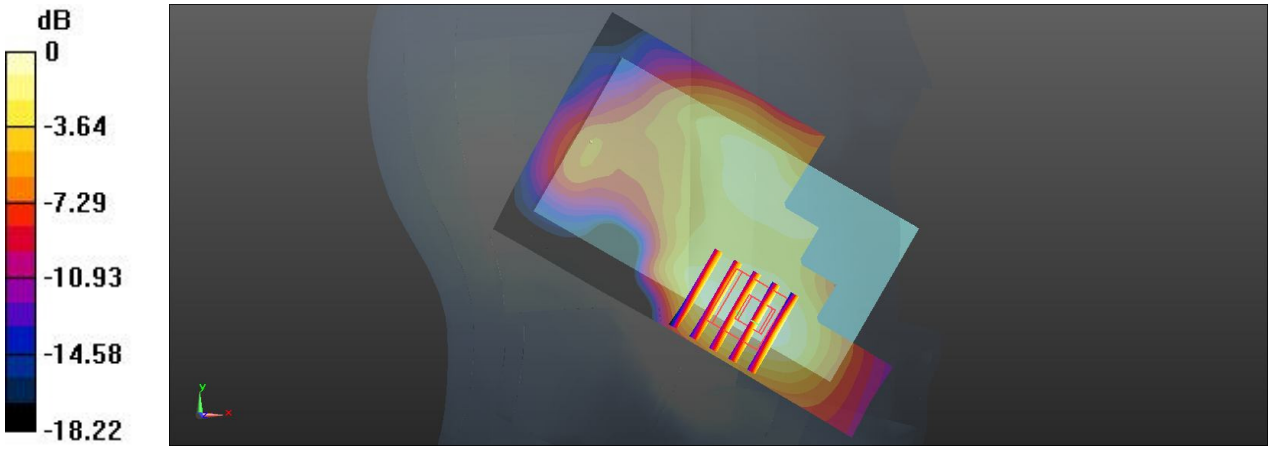
#27 GSM1900_GSM Voice_Left Cheek_Ch810

Communication System: GSM Voice;Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_131210 Medium parameters used: f = 1909.8 MHz; σ = 1.426 S/m; ε_r = 39.668; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; Liquid Temperature：22.4 ℃

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) = 0.336 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.737 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.408 W/kg
SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.155 W/kg
Maximum value of SAR (measured) = 0.335 W/kg



0 dB = 0.335 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

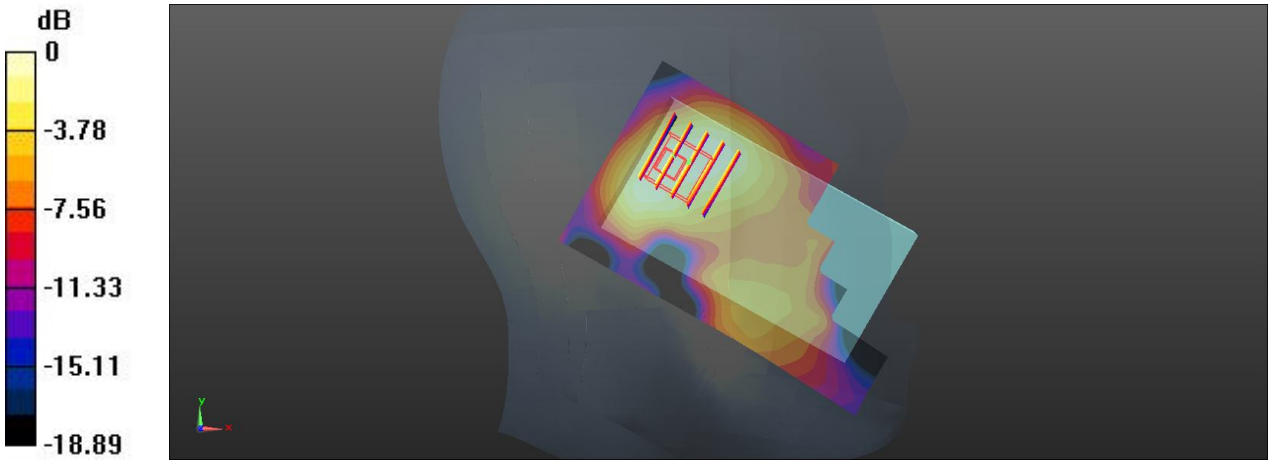
#28 GSM1900_GSM Voice_Left Tilted_Ch810

Communication System: GSM Voice;Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_131210 Medium parameters used: f = 1909.8 MHz; σ = 1.426 S/m; ε_r = 39.668; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; Liquid Temperature：22.4 ℃

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) = 0.180 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.336 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.231 W/kg
SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.086 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: 2013.12.08

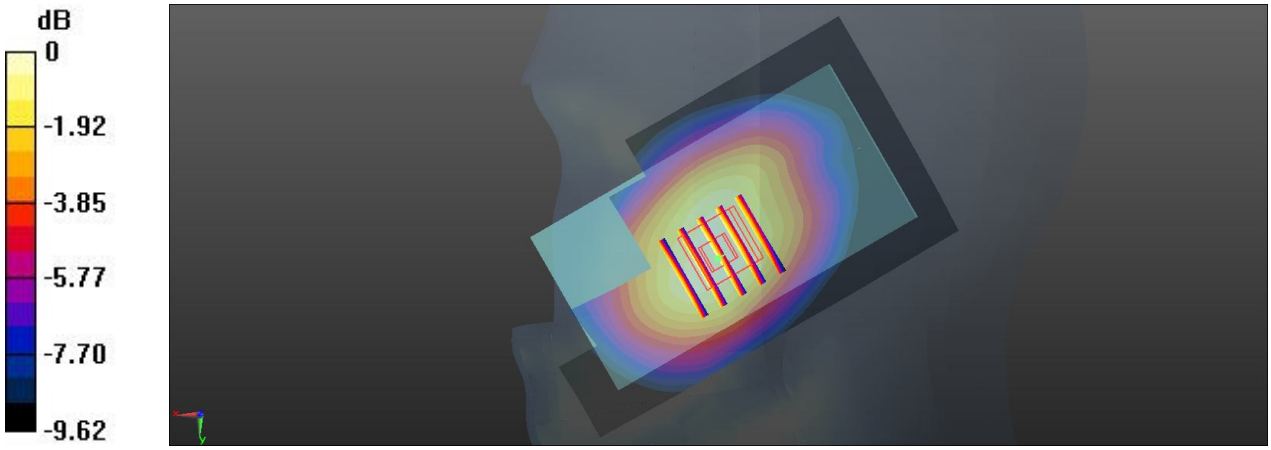
#21 WCDMA Band V_RMC 12.2k_Right Cheek_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_131208 Medium parameters used: f = 846.6 MHz; σ = 0.925 S/m; ε_r = 41.415; 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 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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.809 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.732 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.874 W/kg
SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.522 W/kg
Maximum value of SAR (measured) = 0.805 W/kg



0 dB = 0.805 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.08

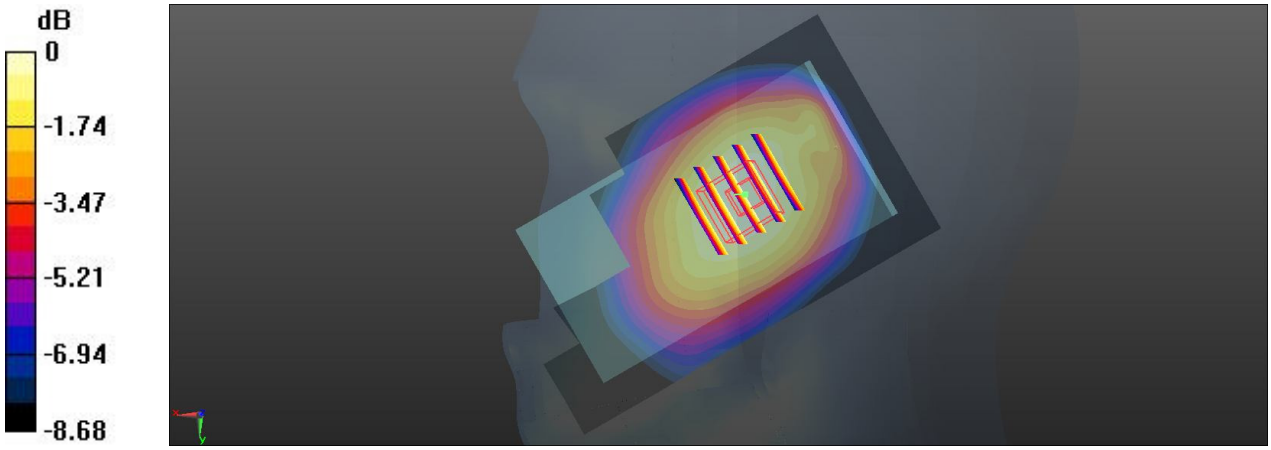
#22 WCDMA Band V_RMC 12.2k_Right Tilted_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_131208 Medium parameters used: f = 846.6 MHz; σ = 0.925 S/m; ε_r = 41.415; 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 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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.524 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.031 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.598 W/kg
SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.372 W/kg
Maximum value of SAR (measured) = 0.550 W/kg



0 dB = 0.550 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.08

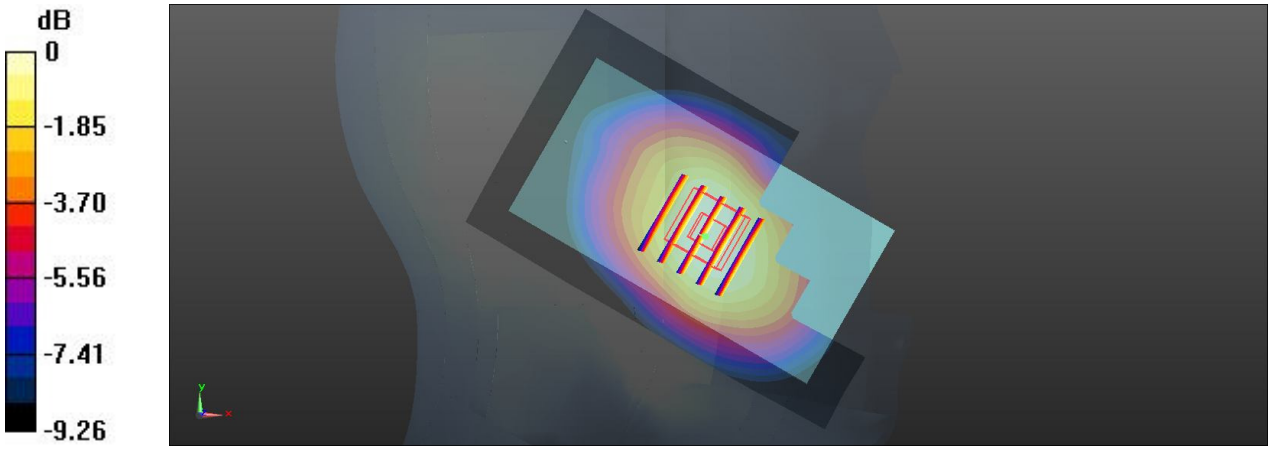
#23 WCDMA Band V_RMC 12.2k_Left Cheek_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_131208 Medium parameters used: f = 846.6 MHz; σ = 0.925 S/m; ε_r = 41.415; 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 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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.708 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.849 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.773 W/kg
SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.473 W/kg
Maximum value of SAR (measured) = 0.713 W/kg



0 dB = 0.713 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.08

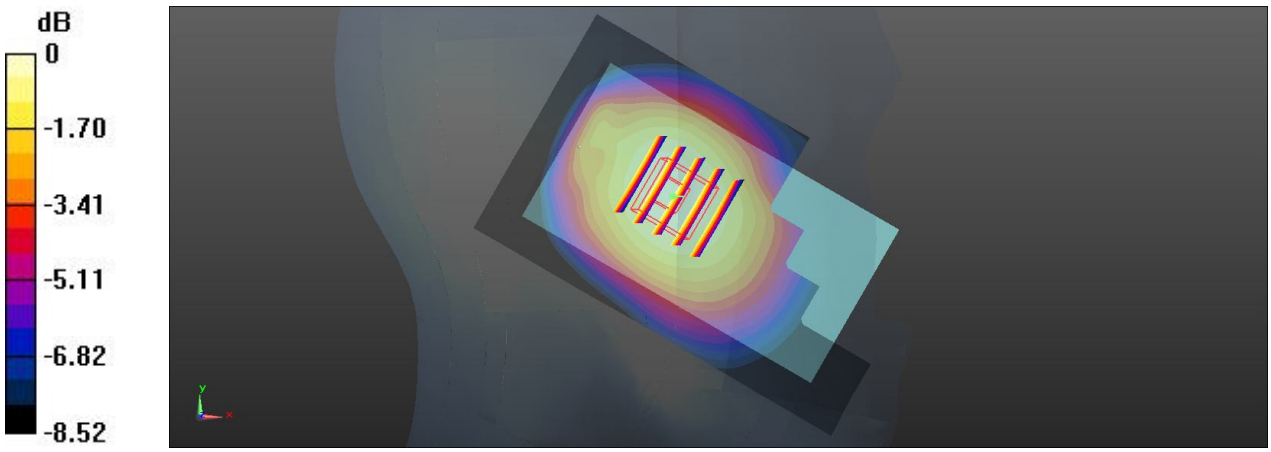
#24 WCDMA Band V_RMC 12.2k_Left Tilted_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_131208 Medium parameters used: f = 846.6 MHz; σ = 0.925 S/m; ε_r = 41.415; 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 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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.462 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.192 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.520 W/kg
SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.323 W/kg
Maximum value of SAR (measured) = 0.479 W/kg



0 dB = 0.479 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

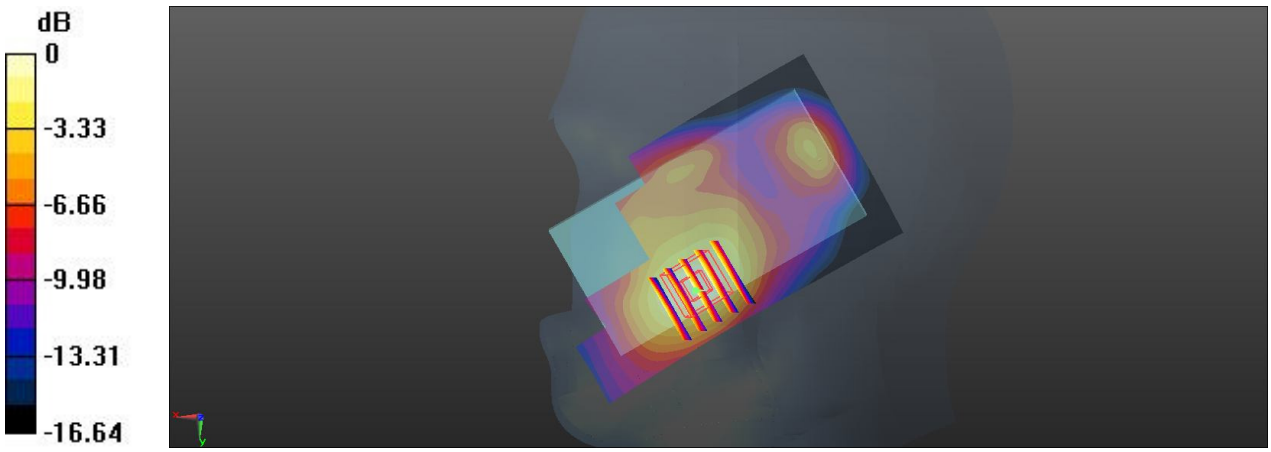
#35 WCDMA Band IV_RMC 12.2k_Right Cheek_Ch1413

Communication System: WCDMA;Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_131210 Medium parameters used: f = 1732.6 MHz; σ = 1.37 S/m; ε_r = 41.449; ρ = 1000 kg/m^3
Ambient Temperature: 23.6 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); 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)

Ch1413/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.03 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.843 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.502 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

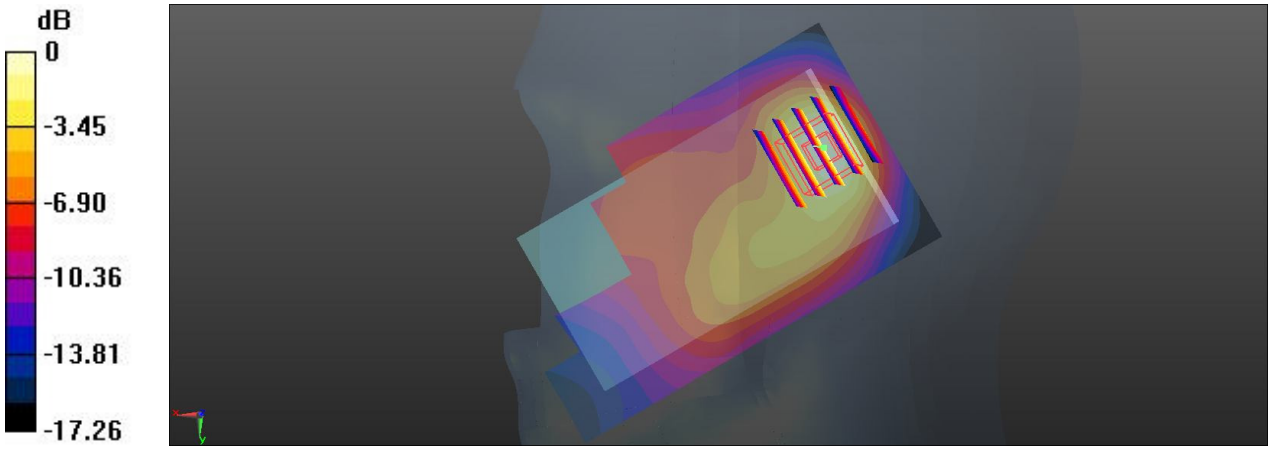
#36 WCDMA Band IV_RMC 12.2k_Right Tilted_Ch1413

Communication System: WCDMA;Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_131210 Medium parameters used: f = 1732.6 MHz; σ = 1.37 S/m; ε_r = 41.449; ρ = 1000 kg/m^3
Ambient Temperature: 23.6 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); 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)

Ch1413/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.538 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.397 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.645 W/kg
SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.212 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: 2013.12.10

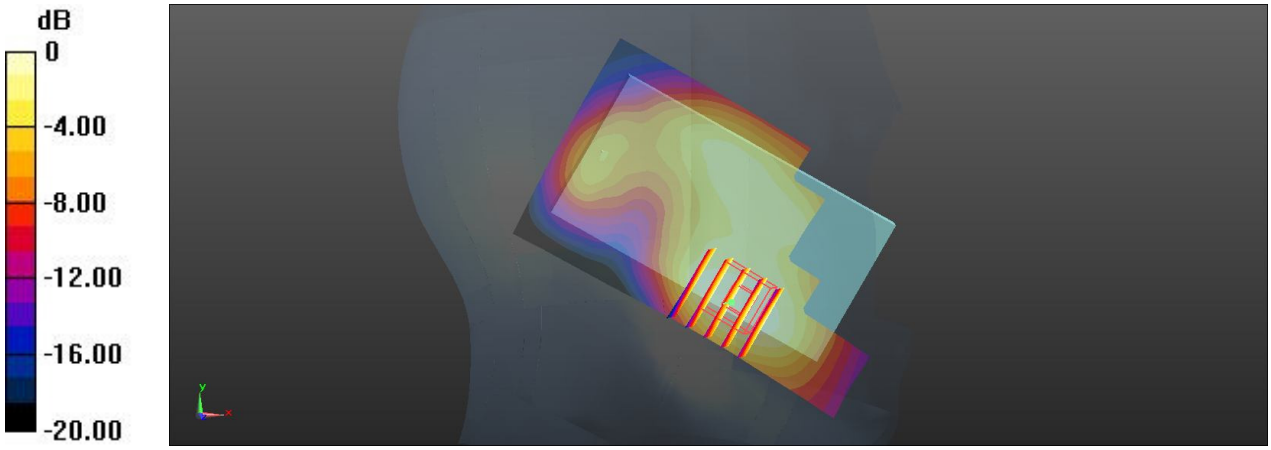
#37 WCDMA Band IV_RMC 12.2k_Left Cheek_Ch1413

Communication System: WCDMA;Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_131210 Medium parameters used: f = 1732.6 MHz; σ = 1.37 S/m; ε_r = 41.449; ρ = 1000 kg/m^3
Ambient Temperature: 23.6 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); 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)

Ch1413/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.841 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.334 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.914 W/kg
SAR(1 g) = 0.601 W/kg; SAR(10 g) = 0.378 W/kg
Maximum value of SAR (measured) = 0.767 W/kg



0 dB = 0.767 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

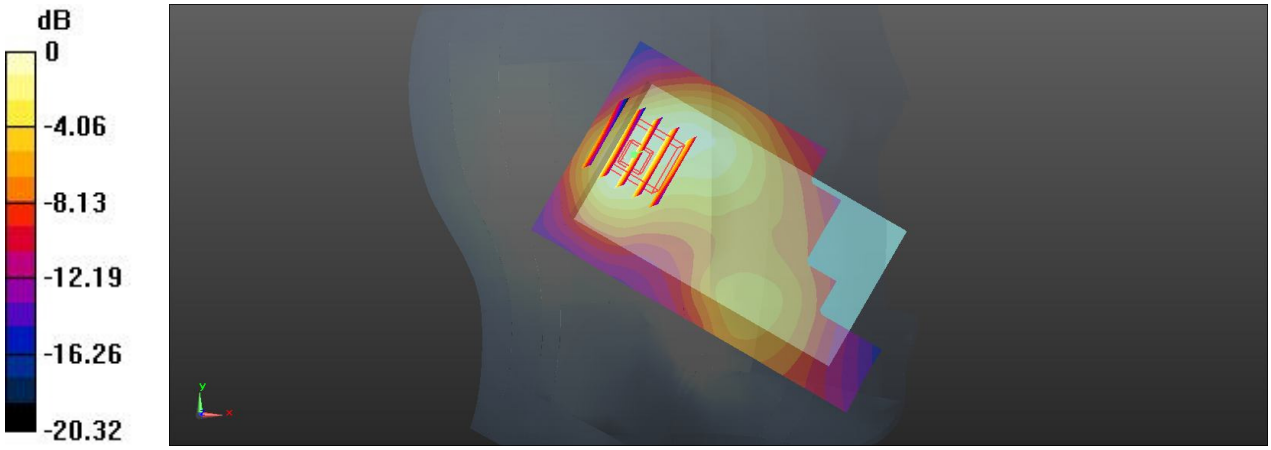
#38 WCDMA Band IV_RMC 12.2k_Left Tilted_Ch1413

Communication System: WCDMA;Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_131210 Medium parameters used: f = 1732.6 MHz; σ = 1.37 S/m; ε_r = 41.449; ρ = 1000 kg/m^3
Ambient Temperature: 23.6 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); 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)

Ch1413/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.477 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.878 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.540 W/kg
SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.204 W/kg
Maximum value of SAR (measured) = 0.452 W/kg



0 dB = 0.452 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

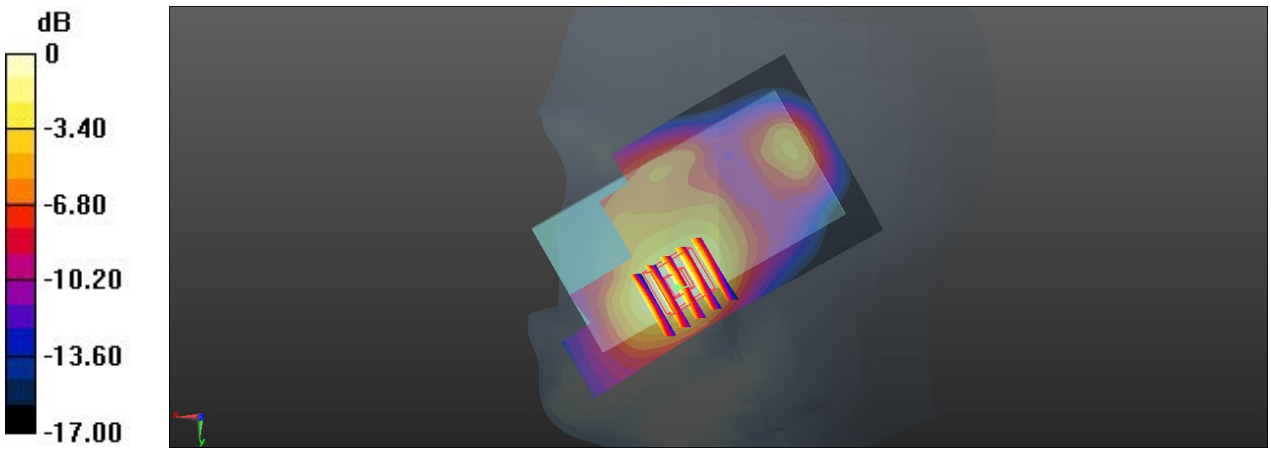
#39 WCDMA Band IV_RMC 12.2k_Right Cheek_Ch1312

Communication System: WCDMA;Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: HSL_1750_131210 Medium parameters used: f = 1712.4 MHz; σ = 1.348 S/m; ε_r = 41.561; ρ = 1000 kg/m^3
Ambient Temperature: 23.6 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); 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)

Ch1312/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.462 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.549 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

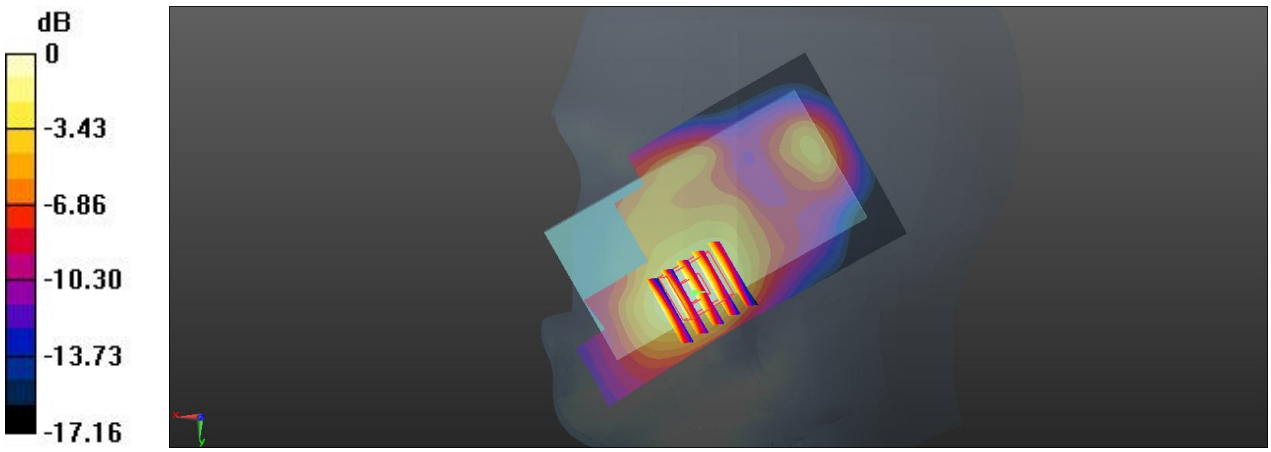
#40 WCDMA Band IV_RMC 12.2k_Right Cheek_Ch1513

Communication System: WCDMA;Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_131210 Medium parameters used: f = 1752.6 MHz; σ = 1.392 S/m; ε_r = 41.348; ρ = 1000 kg/m^3
Ambient Temperature: 23.6 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); 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)

Ch1513/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.03 W/kg

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.123 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.498 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

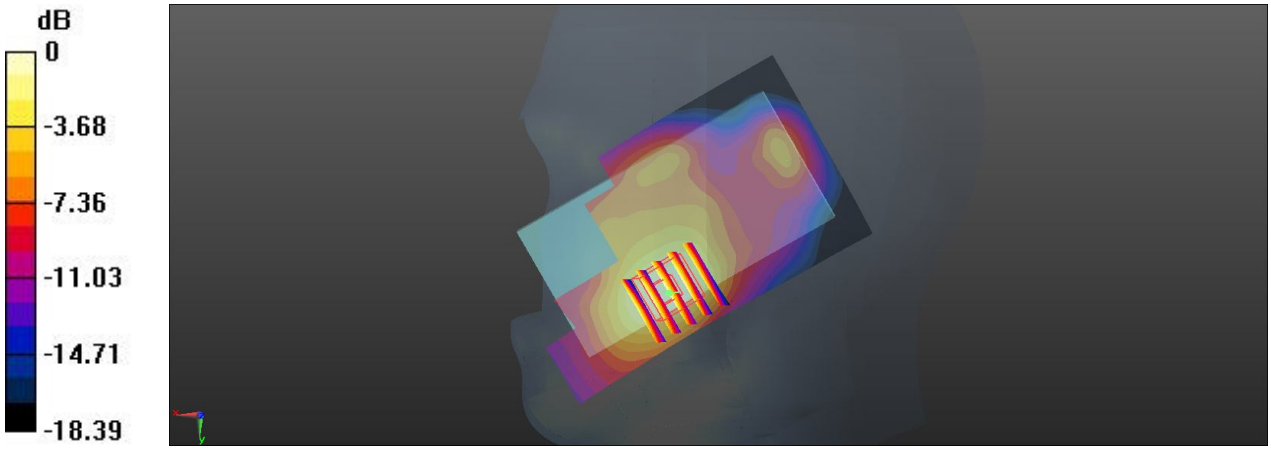
#29 WCDMA Band II_RMC 12.2k_Right Cheek_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131210 Medium parameters used: f = 1880 MHz; σ = 1.399 S/m; ε_r = 39.785; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; Liquid Temperature：22.4 ℃

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)

Ch9400/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.904 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.646 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.396 W/kg
Maximum value of SAR (measured) = 0.852 W/kg



0 dB = 0.852 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

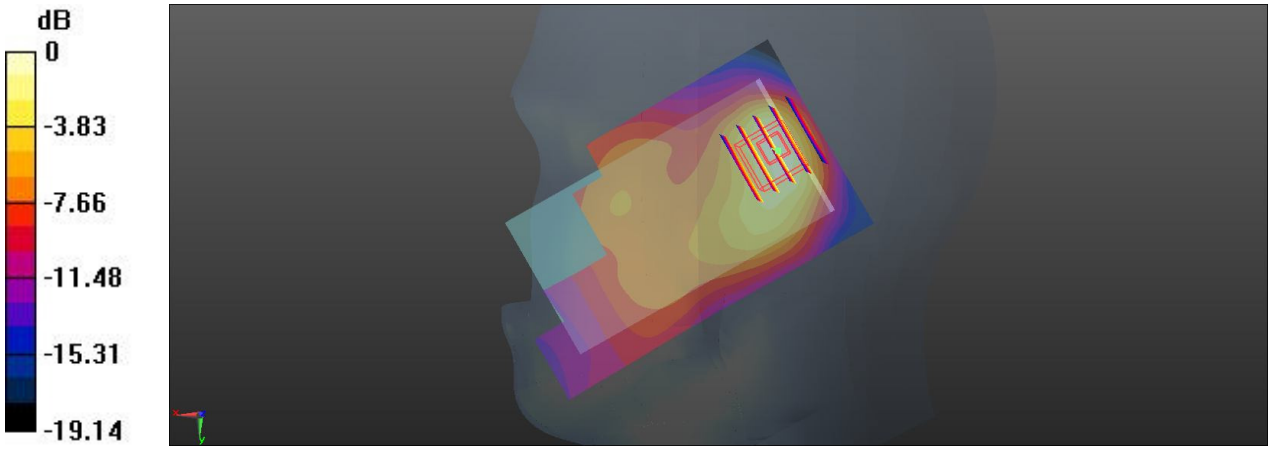
#30 WCDMA Band II_RMC 12.2k_Right Tilted_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131210 Medium parameters used: f = 1880 MHz; σ = 1.399 S/m; ε_r = 39.785; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; Liquid Temperature：22.4 ℃

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)

Ch9400/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.368 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.137 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.461 W/kg
SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.152 W/kg
Maximum value of SAR (measured) = 0.379 W/kg



0 dB = 0.379 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

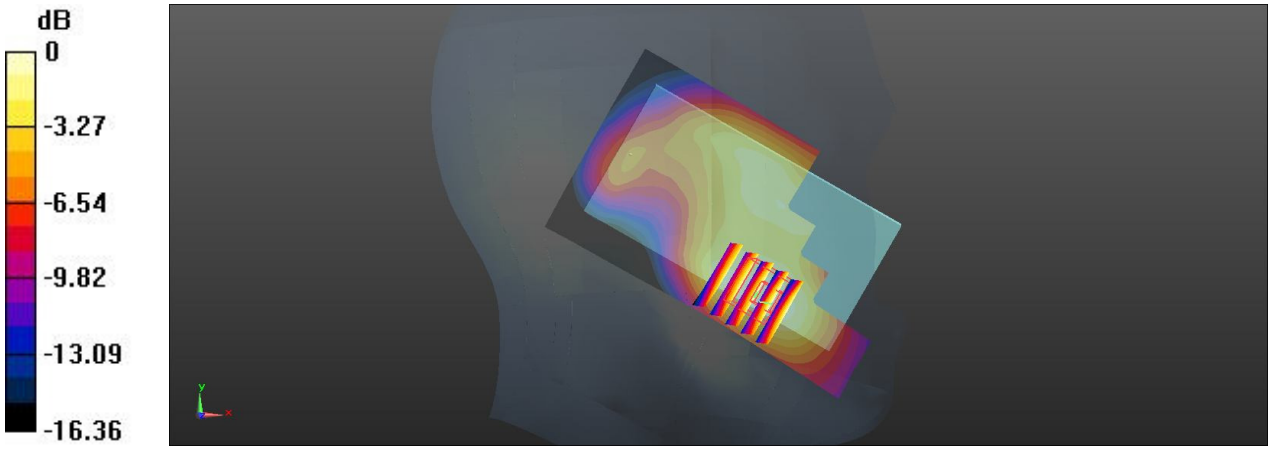
#31 WCDMA Band II_RMC 12.2k_Left Cheek_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131210 Medium parameters used: f = 1880 MHz; σ = 1.399 S/m; ε_r = 39.785; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; Liquid Temperature：22.4 ℃

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)

Ch9400/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.586 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.979 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.694 W/kg
SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.268 W/kg
Maximum value of SAR (measured) = 0.573 W/kg



0 dB = 0.573 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

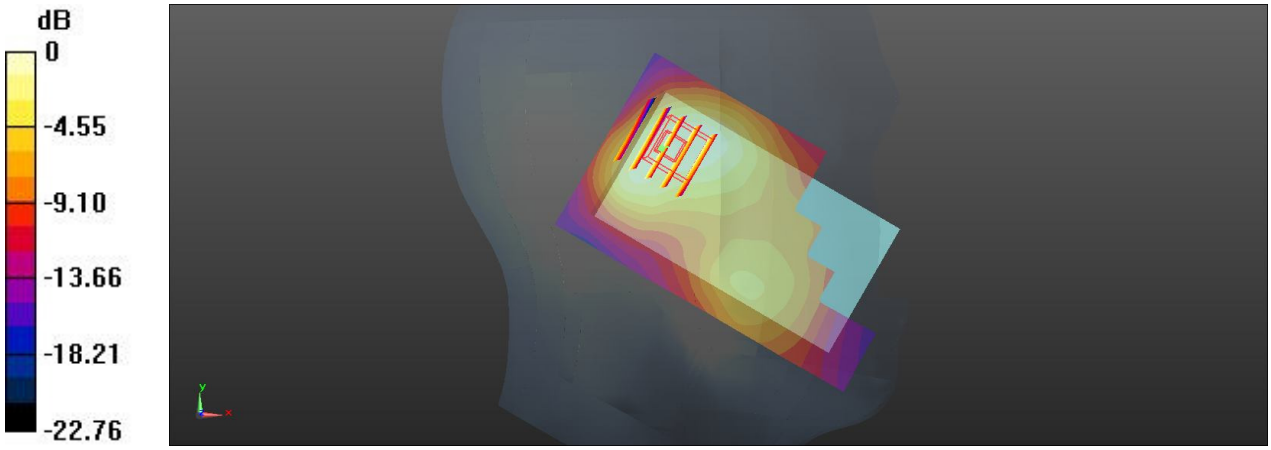
#32 WCDMA Band II_RMC 12.2k_Left Tilted_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131210 Medium parameters used: f = 1880 MHz; σ = 1.399 S/m; ε_r = 39.785; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; Liquid Temperature：22.4 ℃

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)

Ch9400/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.381 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.343 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.466 W/kg
SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.175 W/kg
Maximum value of SAR (measured) = 0.370 W/kg



0 dB = 0.370 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

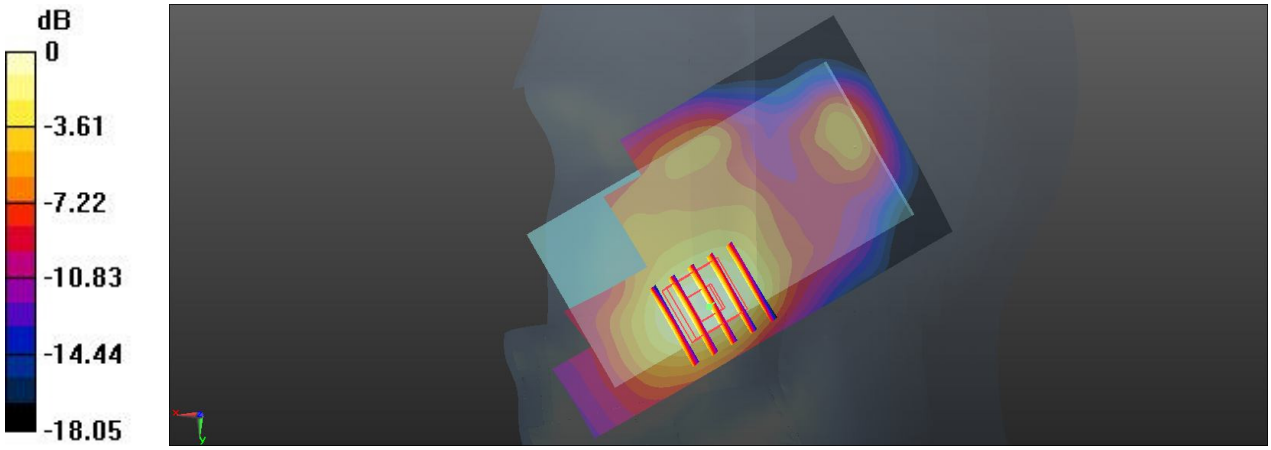
#33 WCDMA Band II_RMC 12.2k_Right Cheek_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131210 Medium parameters used: f = 1852.4 MHz; σ = 1.373 S/m; ε_r = 39.868; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; Liquid Temperature：22.4 ℃

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) = 0.756 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.819 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.876 W/kg
SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.341 W/kg
Maximum value of SAR (measured) = 0.730 W/kg



0 dB = 0.730 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

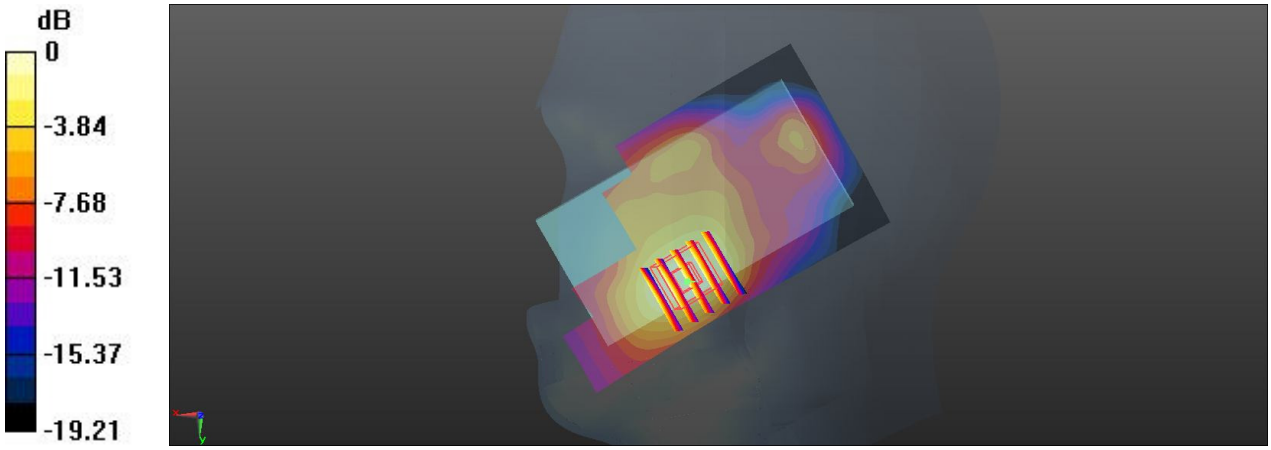
#34 WCDMA Band II_RMC 12.2k_Right Cheek_Ch9538

Communication System: WCDMA;Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_131210 Medium parameters used: f = 1907.6 MHz; σ = 1.424 S/m; ε_r = 39.675; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; Liquid Temperature：22.4 ℃

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)

Ch9538/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.732 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.927 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.868 W/kg
SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.322 W/kg
Maximum value of SAR (measured) = 0.719 W/kg



0 dB = 0.719 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2014.01.02

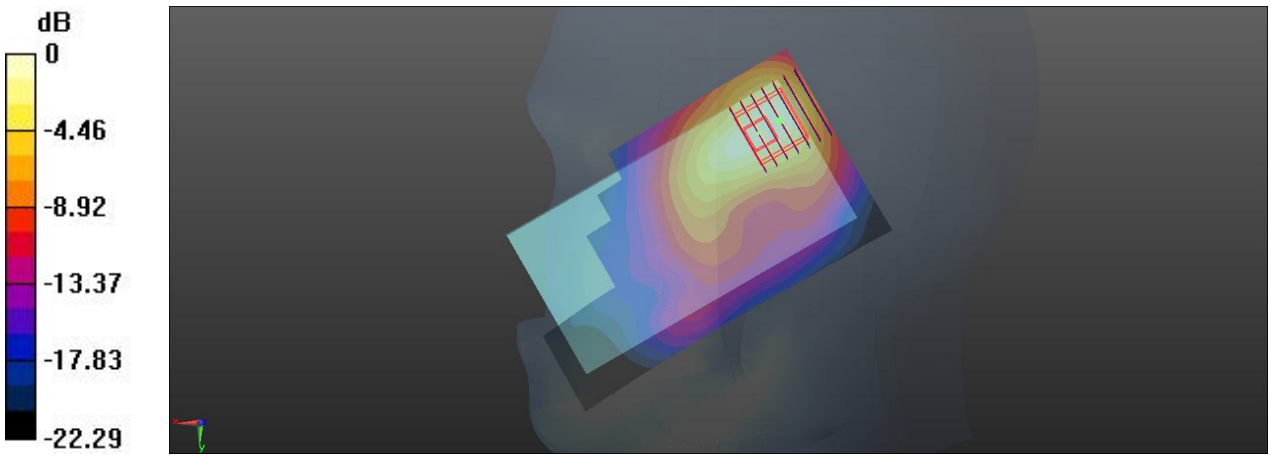
#75 WLAN 2.4GHz_802.11b 1Mbps_Right Cheek_Ch6

Communication System: 802.11b ;Frequency: 2437 MHz;Duty Cycle: 1:1.027
Medium: HSL_2450_140102 Medium parameters used: f = 2437 MHz; σ = 1.814 S/m; ε_r = 40.127; 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)

Ch6/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.63 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.962 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 1.060 W/kg; SAR(10 g) = 0.503 W/kg
Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.57 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2014.01.02

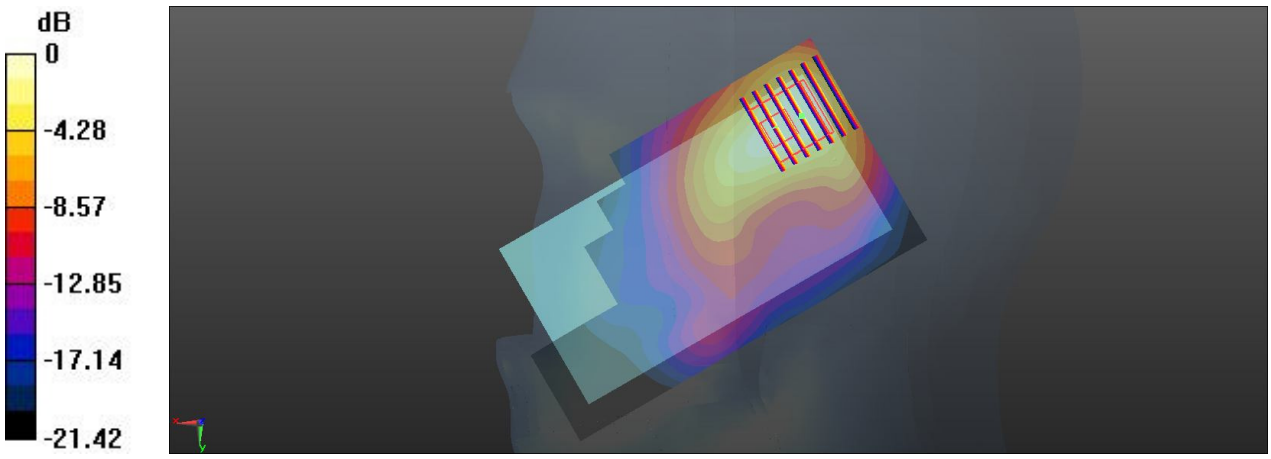
#84 WLAN 2.4GHz_802.11b 1Mbps_Right Cheek_Ch6_Repeat SAR

Communication System: 802.11b ;Frequency: 2437 MHz;Duty Cycle: 1:1.027
Medium: HSL_2450_140102 Medium parameters used: f = 2437 MHz; σ = 1.814 S/m; ε_r = 40.127; 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)

Ch6/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.63 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.247 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.459 W/kg
Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2014.01.02

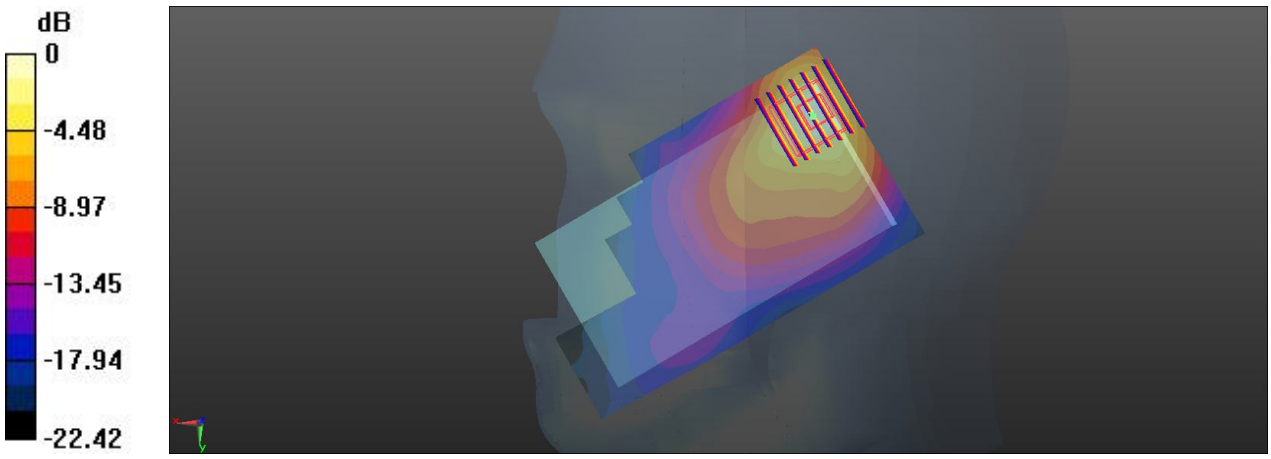
#76 WLAN 2.4GHz_802.11b 1Mbps_Right Tilted_Ch6

Communication System: 802.11b ;Frequency: 2437 MHz;Duty Cycle: 1:1.027
Medium: HSL_2450_140102 Medium parameters used: f = 2437 MHz; σ = 1.814 S/m; ε_r = 40.127; 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)

Ch6/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.527 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.329 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2014.01.02

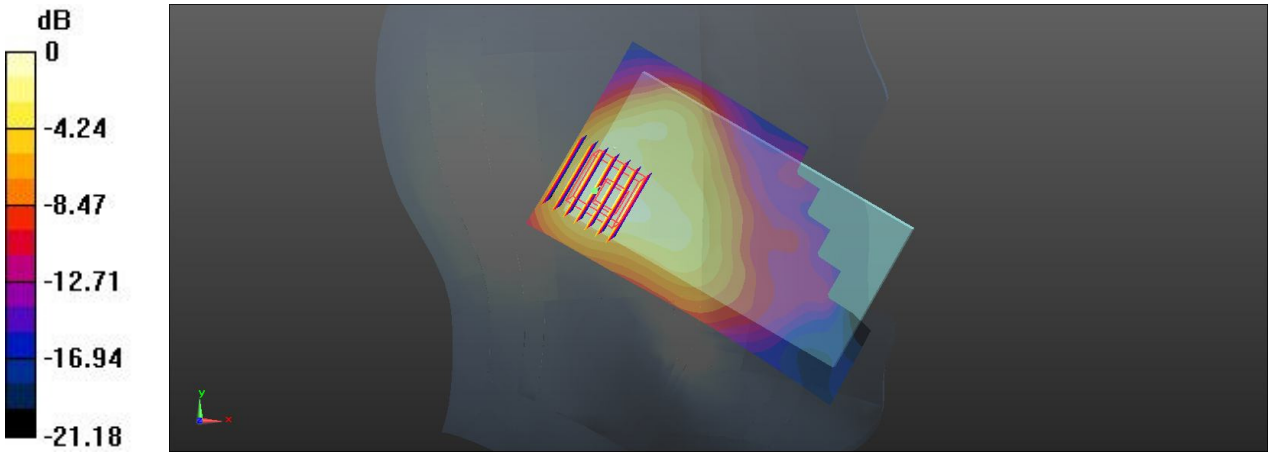
#77 WLAN 2.4GHz_802.11b 1Mbps_Left Cheek_Ch6

Communication System: 802.11b ;Frequency: 2437 MHz;Duty Cycle: 1:1.027
Medium: HSL_2450_140102 Medium parameters used: f = 2437 MHz; σ = 1.814 S/m; ε_r = 40.127; 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)

Ch6/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.564 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.088 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.732 W/kg
SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.207 W/kg
Maximum value of SAR (measured) = 0.542 W/kg



0 dB = 0.542 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2014.01.02

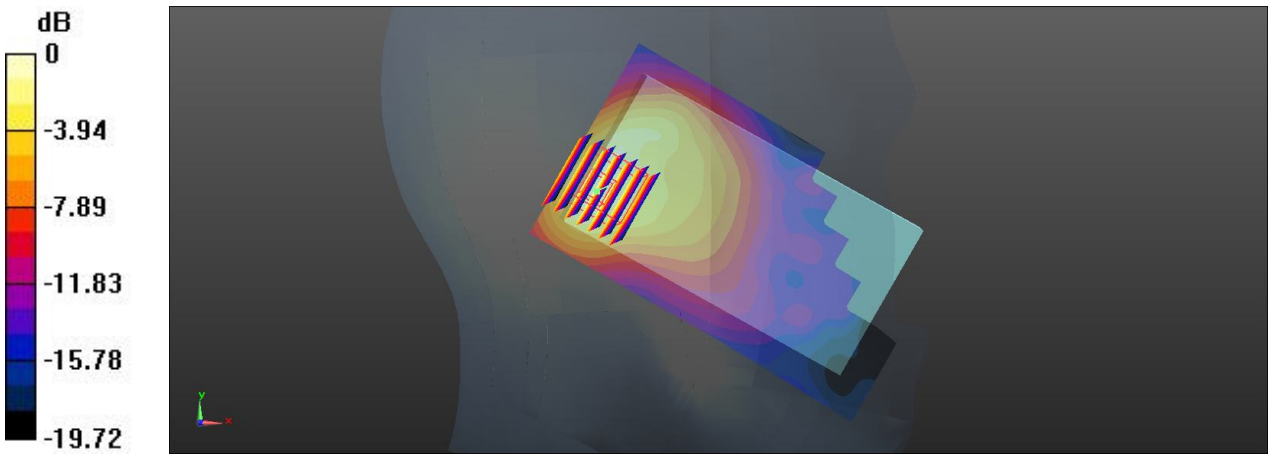
#78 WLAN 2.4GHz_802.11b 1Mbps_Left Tilted_Ch6

Communication System: 802.11b ;Frequency: 2437 MHz;Duty Cycle: 1:1.027
Medium: HSL_2450_140102 Medium parameters used: f = 2437 MHz; σ = 1.814 S/m; ε_r = 40.127; 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)

Ch6/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.496 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.538 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.654 W/kg
SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.161 W/kg
Maximum value of SAR (measured) = 0.479 W/kg



0 dB = 0.479 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2014.01.02

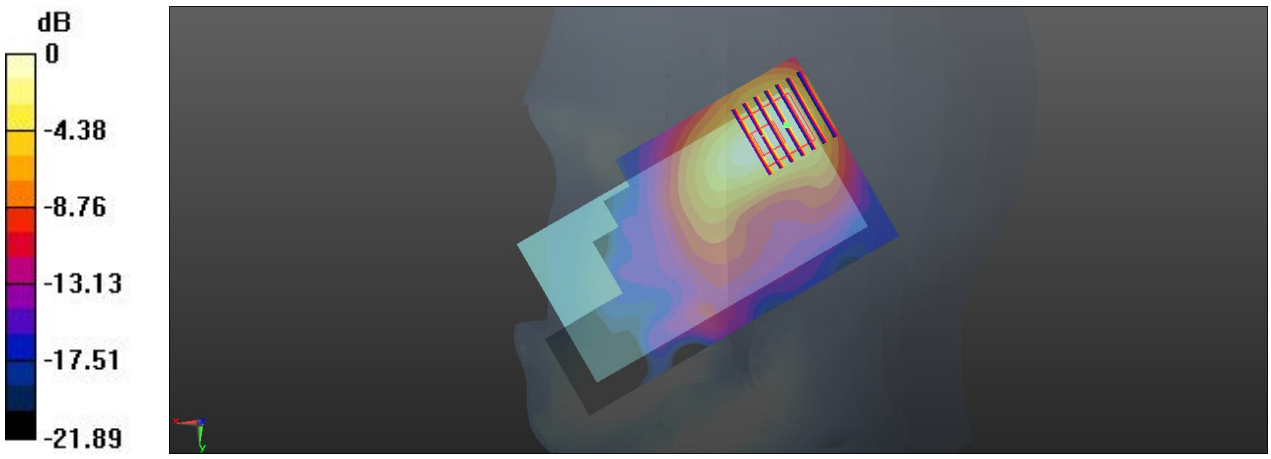
#79 WLAN 2.4GHz_802.11b 1Mbps_Right Cheek_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1.027
Medium: HSL_2450_140102 Medium parameters used: f = 2412 MHz; σ = 1.785 S/m; ε_r = 40.215; 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)

Ch1/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.514 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.896 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.652 W/kg
SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.152 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: 2014.01.02

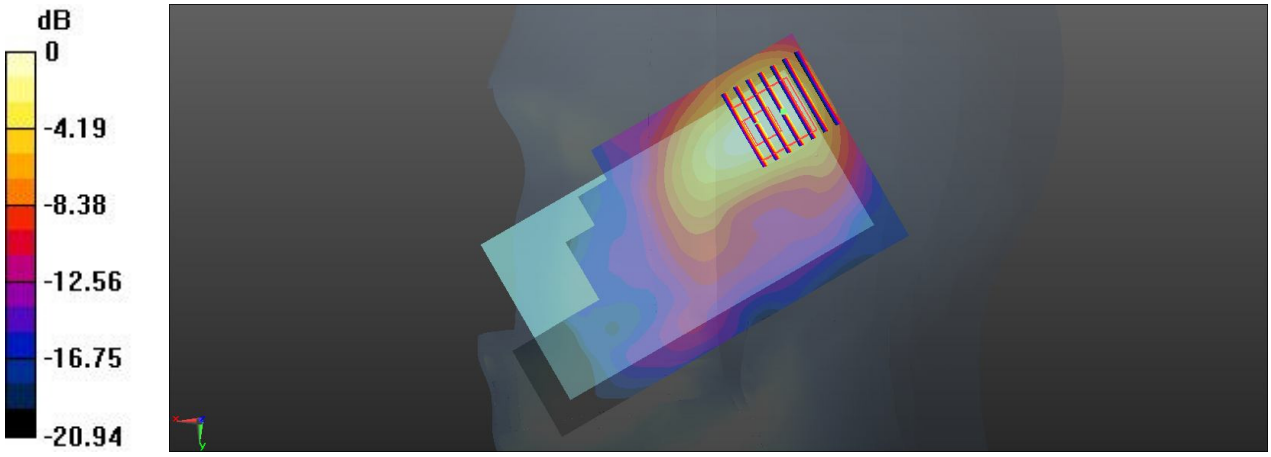
#80 WLAN 2.4GHz_802.11b 1Mbps_Right Cheek_Ch11

Communication System: 802.11b ;Frequency: 2462 MHz;Duty Cycle: 1:1.027
Medium: HSL_2450_140102 Medium parameters used: f = 2462 MHz; σ = 1.842 S/m; ε_r = 40.039; 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 (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.622 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.452 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.801 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.186 W/kg
Maximum value of SAR (measured) = 0.583 W/kg



0 dB = 0.583 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2014.01.02

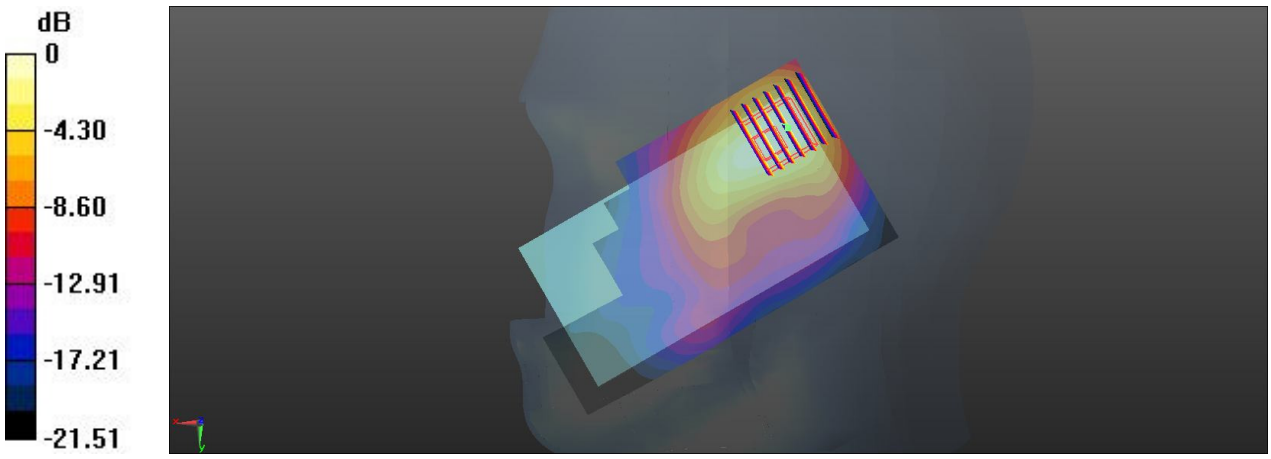
#81 WLAN 2.4GHz_802.11g 6Mbps_Right Cheek_Ch6

Communication System: 802.11g;Frequency: 2437 MHz;Duty Cycle: 1:1.147
Medium: HSL_2450_140102 Medium parameters used: f = 2437 MHz; σ = 1.814 S/m; ε_r = 40.127; 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)

Ch6/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.824 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.347 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2014.01.02

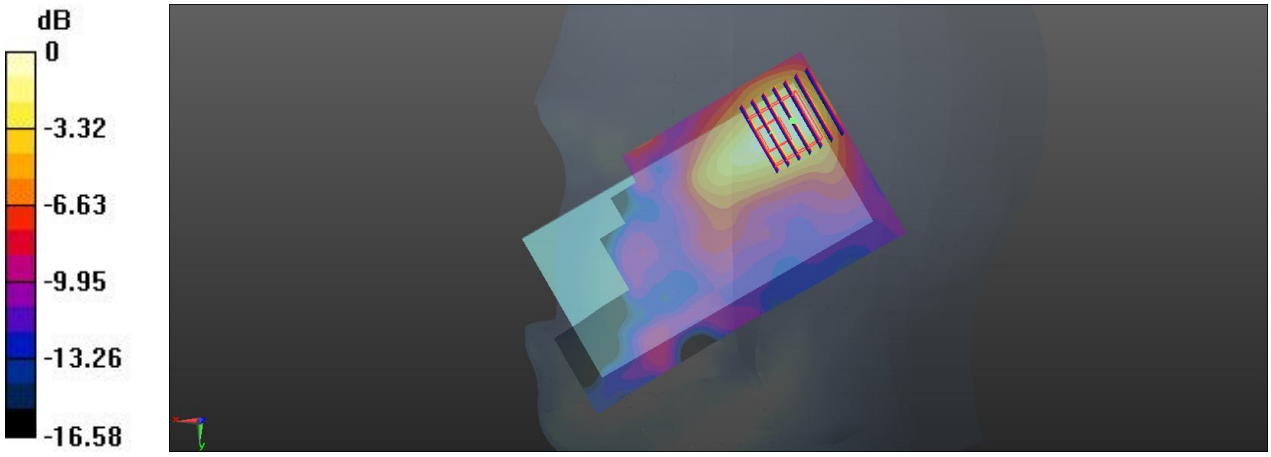
#82 WLAN 2.4GHz_802.11g 6Mbps_Right Cheek_Ch1

Communication System: 802.11g;Frequency: 2412 MHz;Duty Cycle: 1:1.147
Medium: HSL_2450_140102 Medium parameters used: f = 2412 MHz; σ = 1.785 S/m; ε_r = 40.215; 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)

Ch1/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.109 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.351 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.141 W/kg
SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.033 W/kg
Maximum value of SAR (measured) = 0.101 W/kg



0 dB = 0.101 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2014.01.02

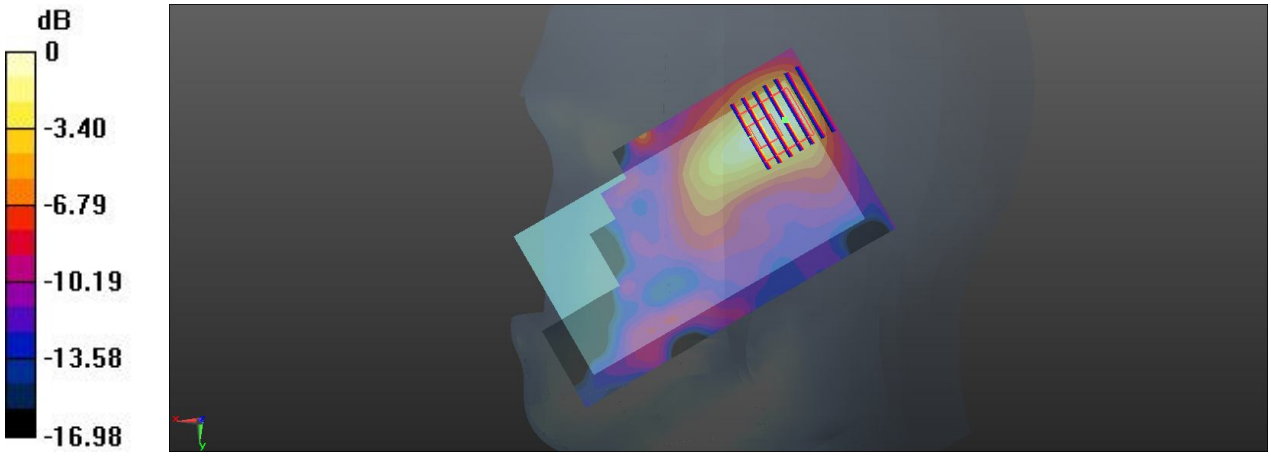
#83 WLAN 2.4GHz_802.11g 6Mbps_Right Cheek_Ch11

Communication System: 802.11g;Frequency: 2462 MHz;Duty Cycle: 1:1.147
Medium: HSL_2450_140102 Medium parameters used: f = 2462 MHz; σ = 1.842 S/m; ε_r = 40.039; 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 (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0970 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.123 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.141 W/kg
SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.031 W/kg
Maximum value of SAR (measured) = 0.101 W/kg



0 dB = 0.101 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

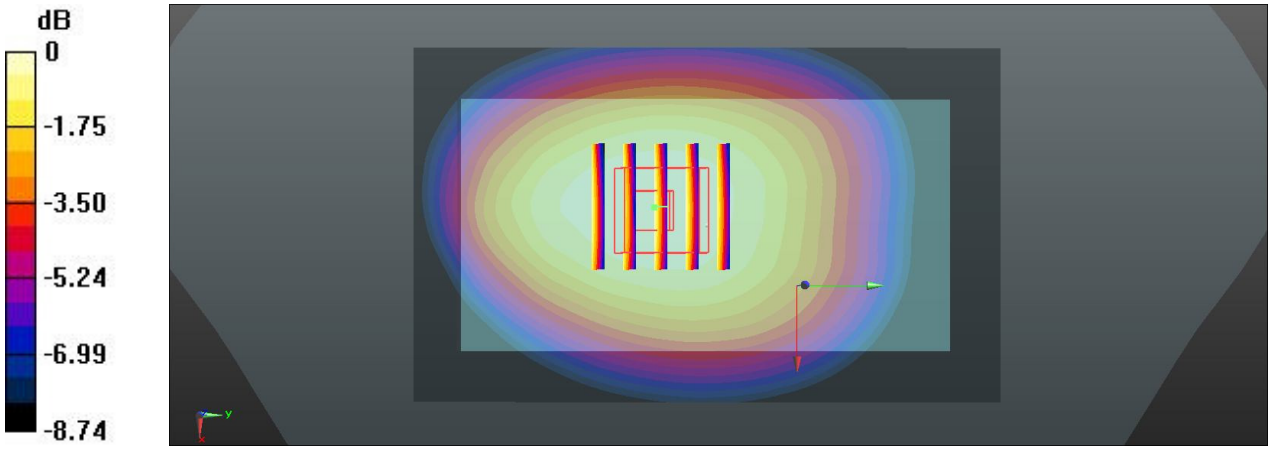
#41 GSM850_GPRS (GMSK 3 Tx slots)_Front_1cm_Ch128

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_131210 Medium parameters used: f = 824.2 MHz; σ = 0.961 S/m; ε_r = 56.394; 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) = 0.858 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.385 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.921 W/kg
SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.565 W/kg
Maximum value of SAR (measured) = 0.843 W/kg



0 dB = 0.843 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

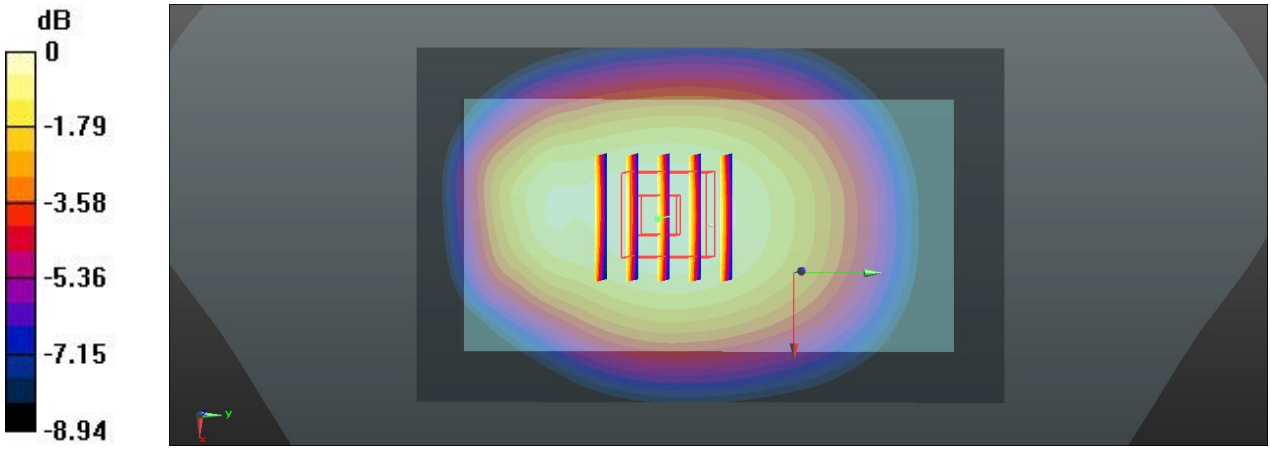
#42 GSM850_GPRS (GMSK 3 Tx slots)_Back_1cm_Ch128

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_131210 Medium parameters used: f = 824.2 MHz; σ = 0.961 S/m; ε_r = 56.394; 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) = 1.04 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.247 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.677 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

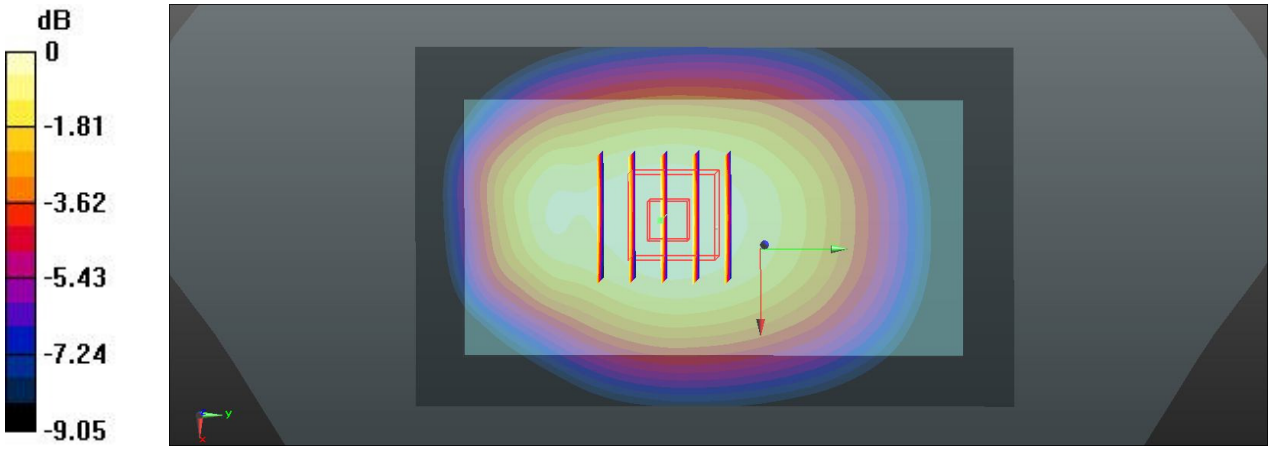
#58 GSM850_GPRS (GMSK 3 Tx slots)_Back_1cm_Ch128_Repeat SAR

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_131210 Medium parameters used: f = 824.2 MHz; σ = 0.961 S/m; ε_r = 56.394; 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) = 1.03 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.257 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.881 W/kg; SAR(10 g) = 0.666 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: 2013.12.10

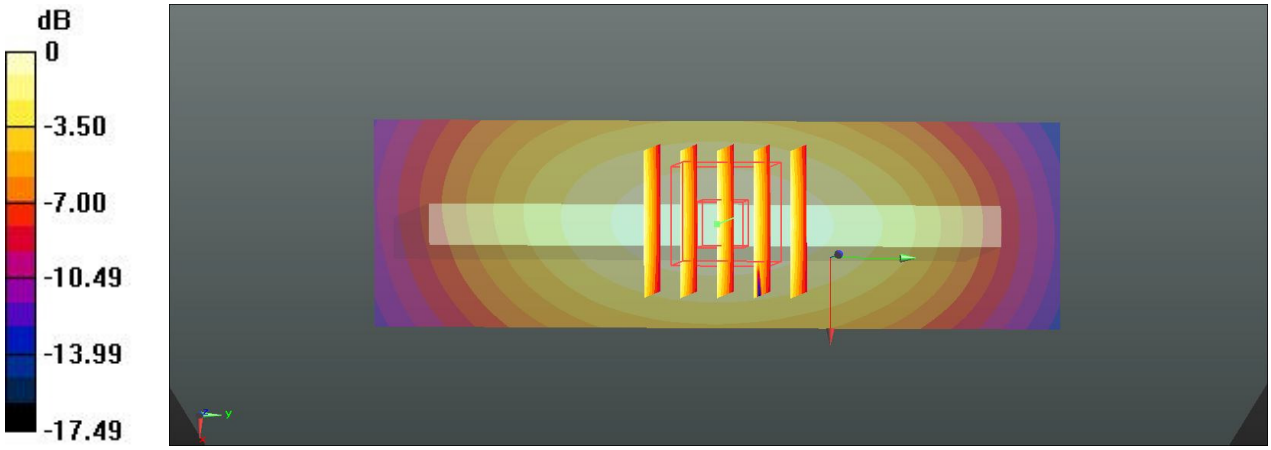
#43 GSM850_GPRS (GMSK 3 Tx slots)_Left Side_1cm_Ch128

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_131210 Medium parameters used: f = 824.2 MHz; σ = 0.961 S/m; ε_r = 56.394; 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 (31x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.715 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.842 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.844 W/kg
SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.420 W/kg
Maximum value of SAR (measured) = 0.738 W/kg



0 dB = 0.738 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

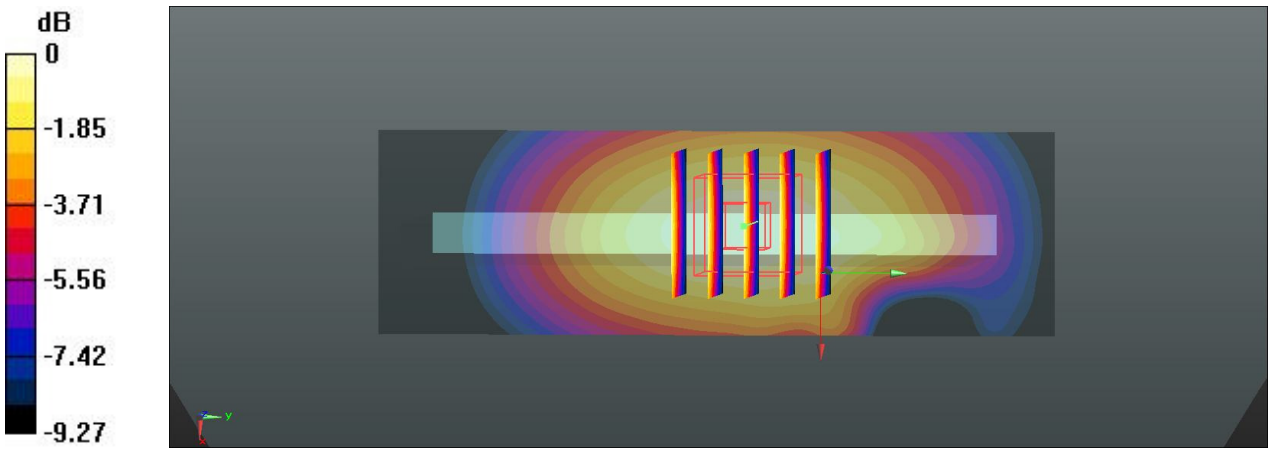
#44 GSM850_GPRS (GMSK 3 Tx slots)_Right Side_1cm_Ch128

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_131210 Medium parameters used: f = 824.2 MHz; σ = 0.961 S/m; ε_r = 56.394; 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 (31x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.724 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.519 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.858 W/kg
SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.425 W/kg
Maximum value of SAR (measured) = 0.746 W/kg



0 dB = 0.746 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

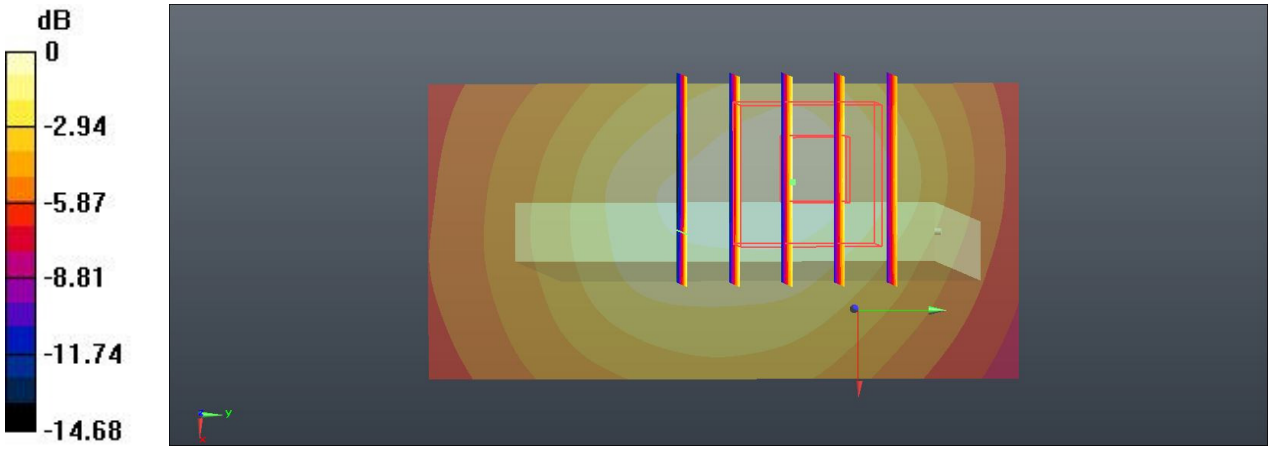
#45 GSM850_GPRS (GMSK 3 Tx slots)_Bottom Side_1cm_Ch128

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_131210 Medium parameters used: f = 824.2 MHz; σ = 0.961 S/m; ε_r = 56.394; 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 (31x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0692 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.279 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.103 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.031 W/kg
Maximum value of SAR (measured) = 0.0724 W/kg



0 dB = 0.0724 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

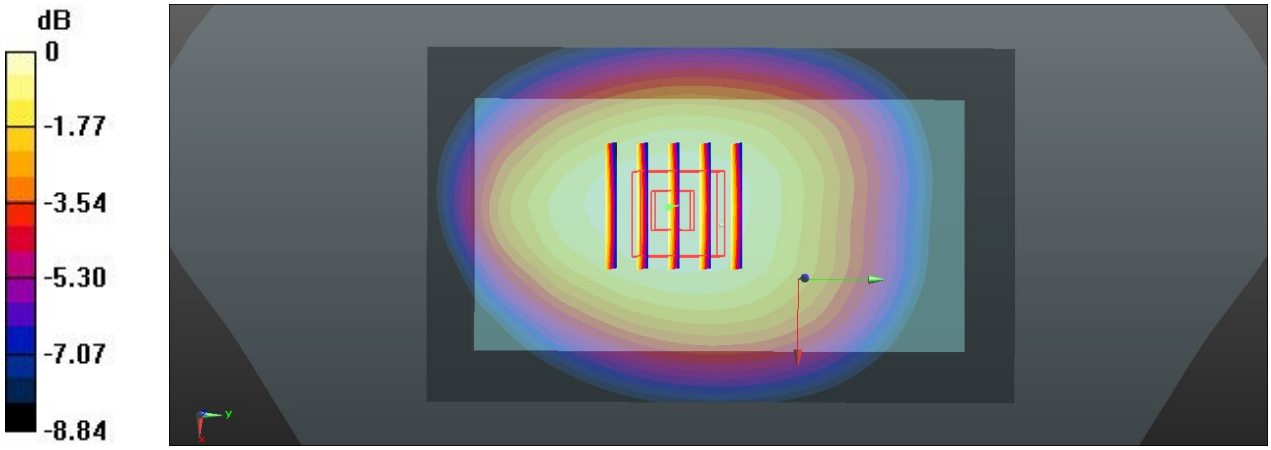
#47 GSM850_GPRS (GMSK 3 Tx slots)_Front_1cm_Ch189

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 836.4 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_131210 Medium parameters used: f = 836.4 MHz; σ = 0.972 S/m; ε_r = 56.294; 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)

Ch189/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.880 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.897 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.966 W/kg
SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.595 W/kg
Maximum value of SAR (measured) = 0.881 W/kg



0 dB = 0.881 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

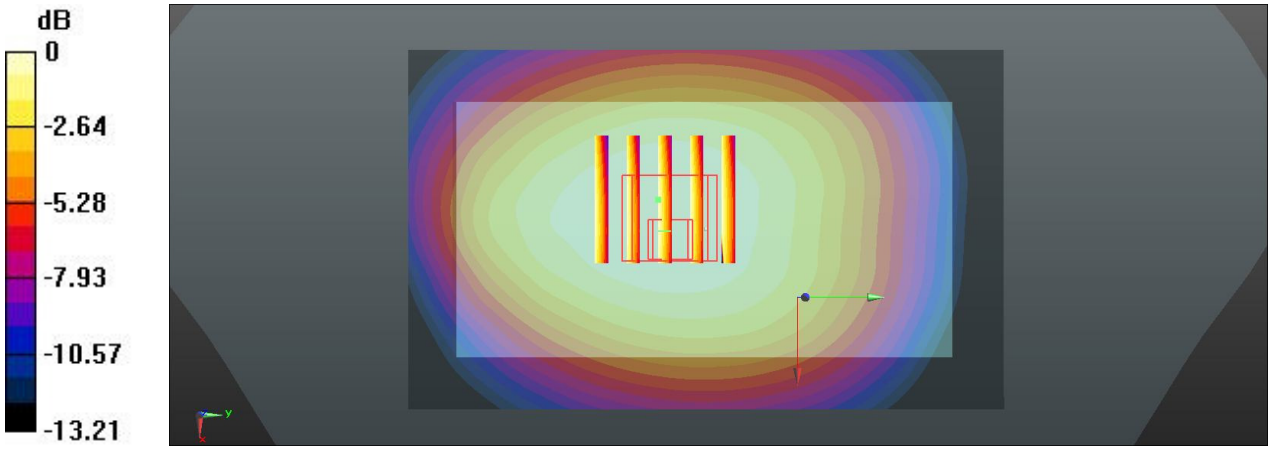
#48 GSM850_GPRS (GMSK 3 Tx slots)_Front_1cm_Ch251

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_131210 Medium parameters used: f = 848.8 MHz; σ = 0.983 S/m; ε_r = 56.181; 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)

Ch251/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.832 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.237 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.564 W/kg
Maximum value of SAR (measured) = 0.830 W/kg



0 dB = 0.830 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

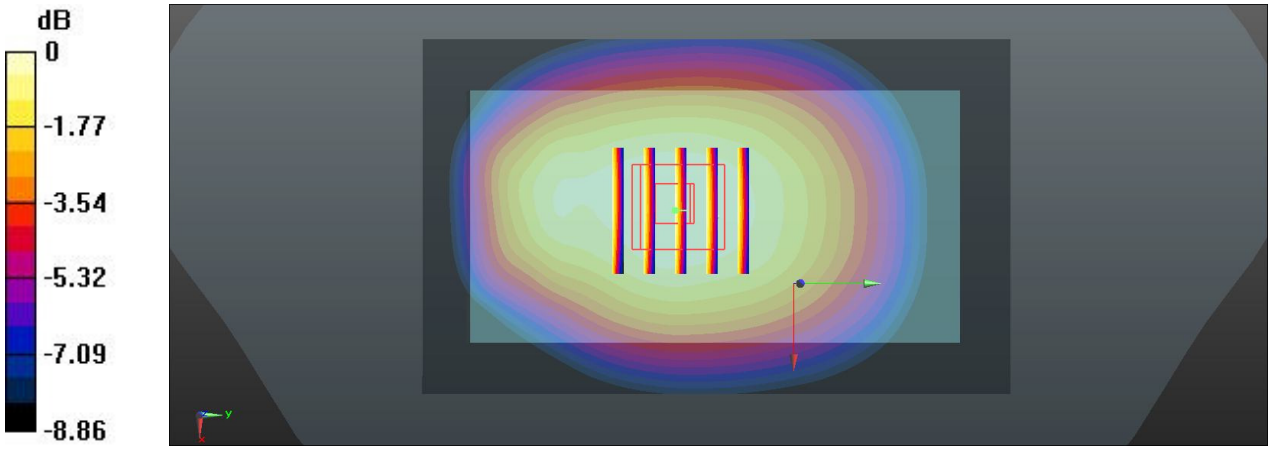
#49 GSM850_GPRS (GMSK 3 Tx slots)_Back_1cm_Ch189

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 836.4 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_131210 Medium parameters used: f = 836.4 MHz; σ = 0.972 S/m; ε_r = 56.294; 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)

Ch189/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.991 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.776 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.860 W/kg; SAR(10 g) = 0.651 W/kg
Maximum value of SAR (measured) = 0.985 W/kg



0 dB = 0.985 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

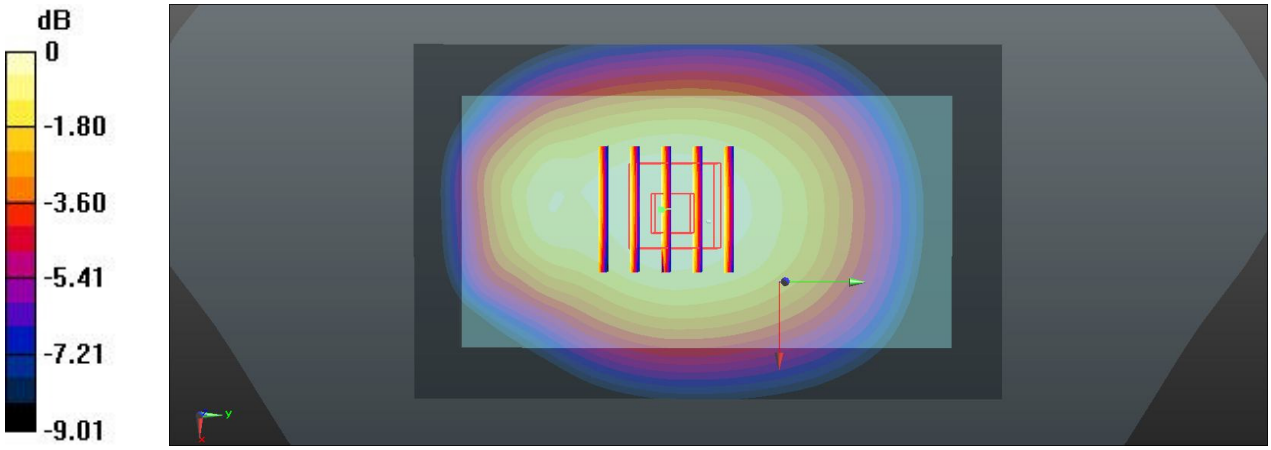
#50 GSM850_GPRS (GMSK 3 Tx slots)_Back_1cm_Ch251

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_131210 Medium parameters used: f = 848.8 MHz; σ = 0.983 S/m; ε_r = 56.181; 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)

Ch251/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.928 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.731 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.607 W/kg
Maximum value of SAR (measured) = 0.923 W/kg



0 dB = 0.923 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

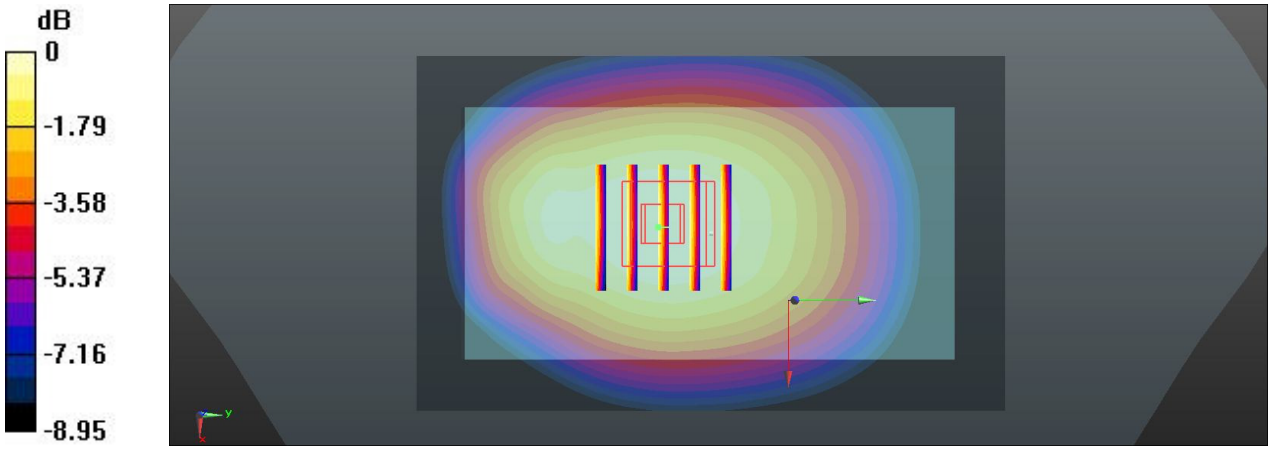
#46 GSM850_GSM Voice_Back_1cm_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_131210 Medium parameters used: f = 824.2 MHz; σ = 0.961 S/m; ε_r = 56.394; 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) = 0.848 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.138 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.922 W/kg
SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.548 W/kg
Maximum value of SAR (measured) = 0.835 W/kg



0 dB = 0.835 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

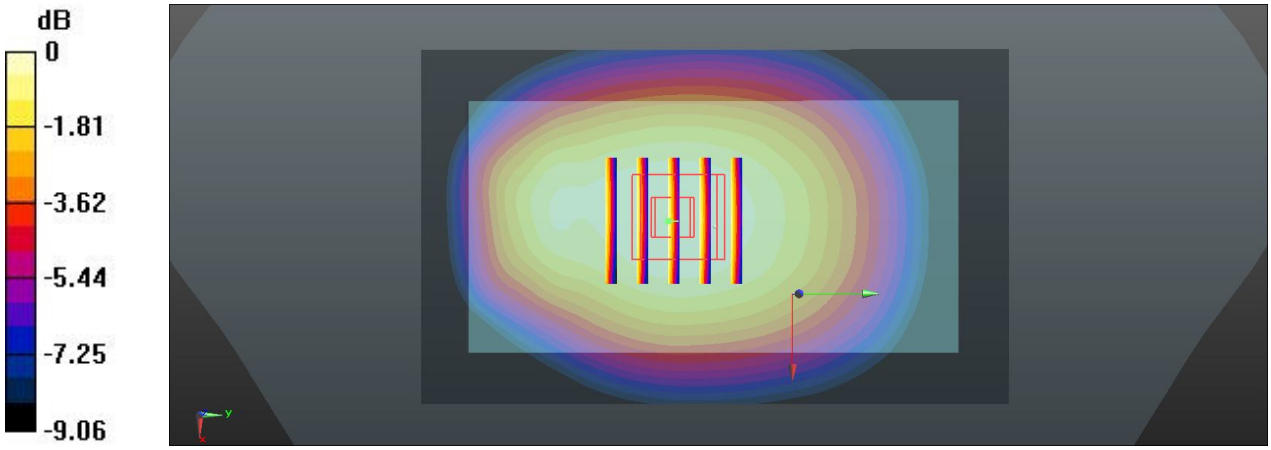
#51 GSM850_GSM Voice_Back_1cm_Ch189

Communication System: GSM Voice;Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_131210 Medium parameters used: f = 836.4 MHz; σ = 0.972 S/m; ε_r = 56.294; 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)

Ch189/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.820 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.809 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.888 W/kg
SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.530 W/kg
Maximum value of SAR (measured) = 0.807 W/kg



0 dB = 0.807 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

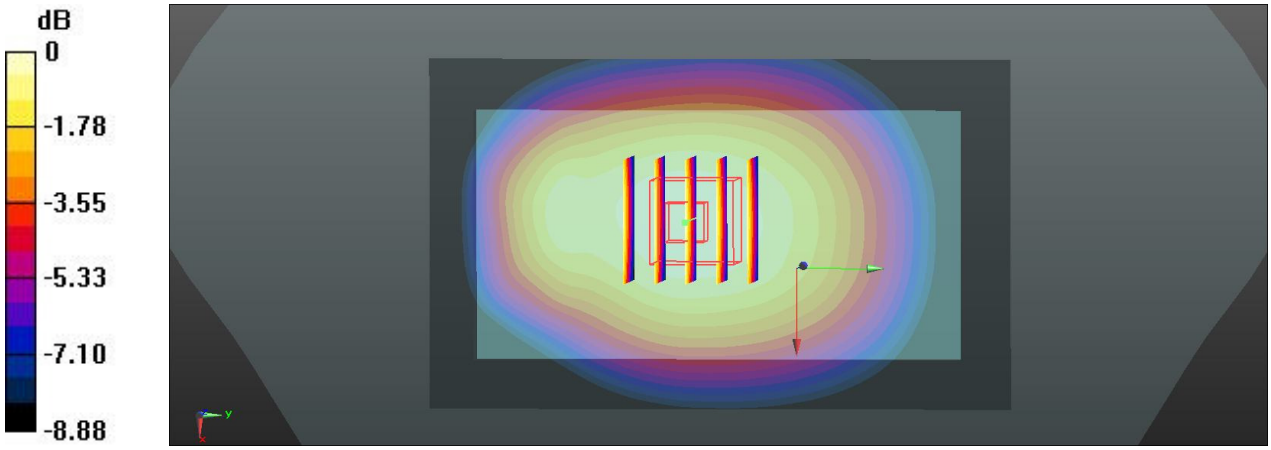
#52 GSM850_GSM Voice_Back_1cm_Ch251

Communication System: GSM Voice;Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_131210 Medium parameters used: f = 848.8 MHz; σ = 0.983 S/m; ε_r = 56.181; 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)

Ch251/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.815 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.999 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.909 W/kg
SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.533 W/kg
Maximum value of SAR (measured) = 0.822 W/kg



0 dB = 0.822 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.07

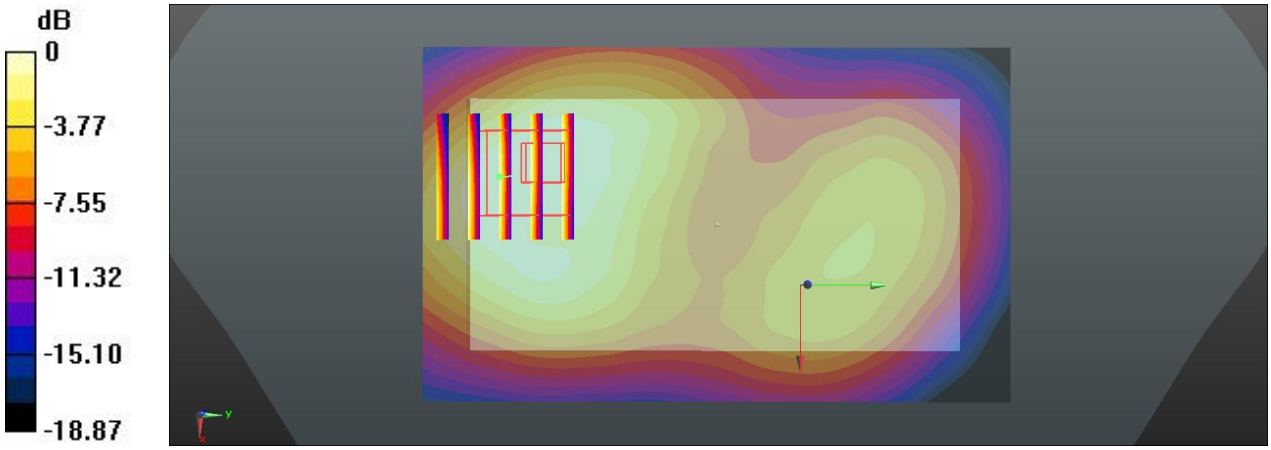
#01 GSM1900_GPRS (GMSK 3 Tx slots)_Front_1cm_Ch810

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_131207 Medium parameters used: f = 1909.8 MHz; σ = 1.544 S/m; ε_r = 54.559; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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)

Ch810/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.666 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.137 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.821 W/kg
SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.281 W/kg
Maximum value of SAR (measured) = 0.647 W/kg



0 dB = 0.647 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.07

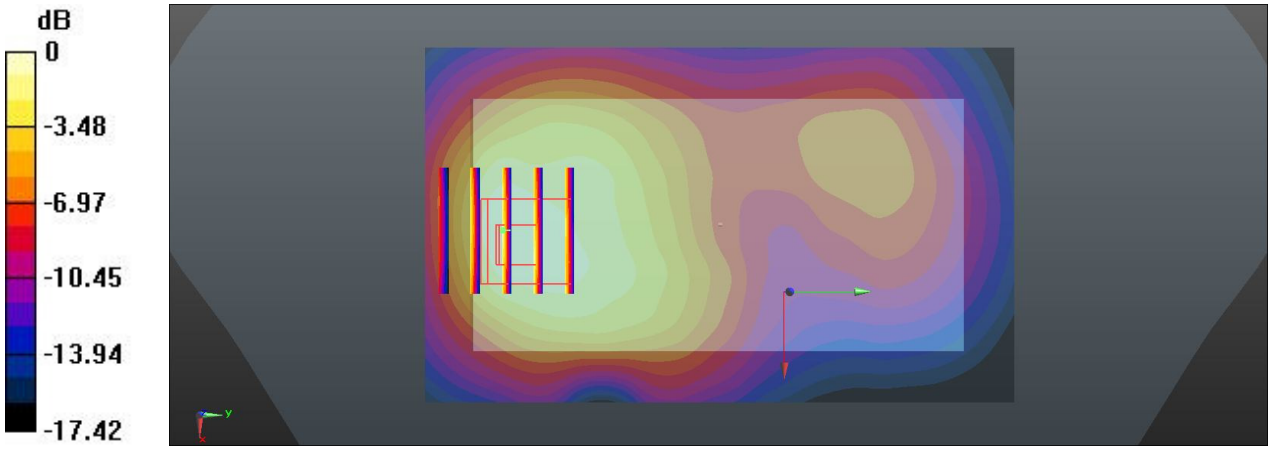
#02 GSM1900_GPRS (GMSK 3 Tx slots)_Back_1cm_Ch810

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_131207 Medium parameters used: f = 1909.8 MHz; σ = 1.544 S/m; ε_r = 54.559; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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)

Ch810/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.729 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.834 W/kg; SAR(10 g) = 0.470 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.07

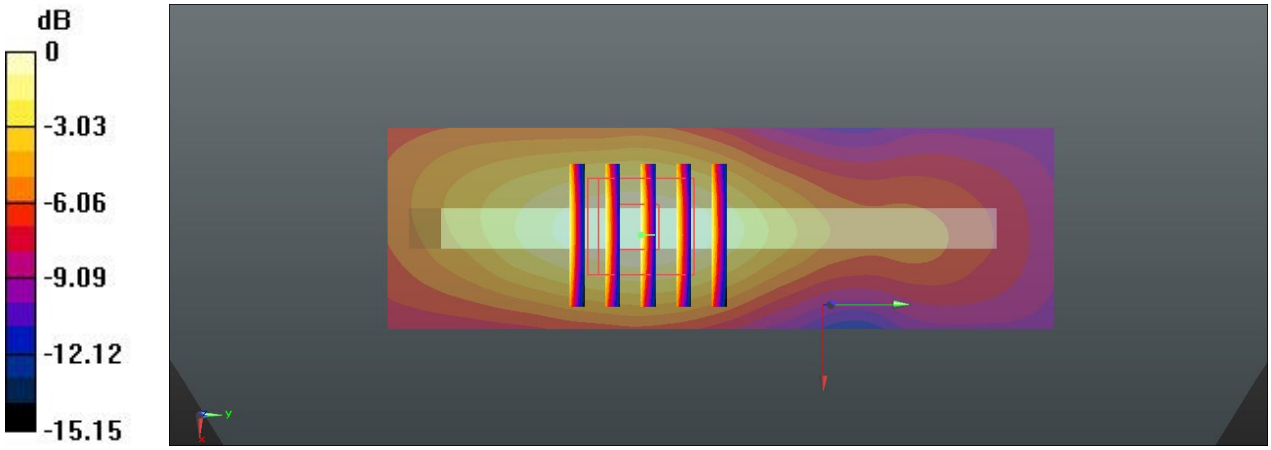
#03 GSM1900_GPRS (GMSK 3 Tx slots)_Left Side_1cm_Ch810

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_131207 Medium parameters used: f = 1909.8 MHz; σ = 1.544 S/m; ε_r = 54.559; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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)

Ch810/Area Scan (31x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.256 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.229 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.106 W/kg
Maximum value of SAR (measured) = 0.243 W/kg



0 dB = 0.243 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.07

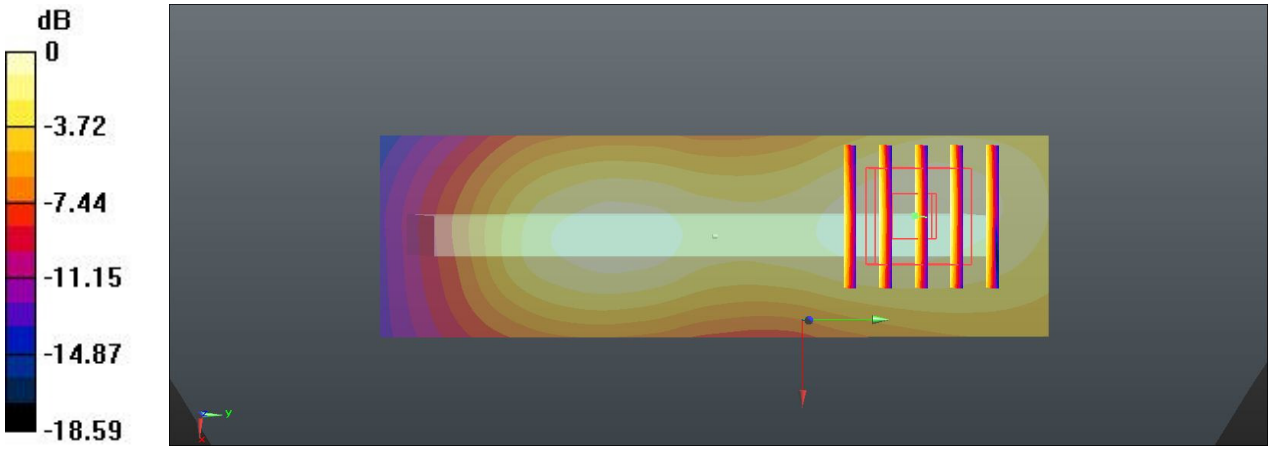
#04 GSM1900_GPRS (GMSK 3 Tx slots)_Right Side_1cm_Ch810

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_131207 Medium parameters used: f = 1909.8 MHz; σ = 1.544 S/m; ε_r = 54.559; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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)

Ch810/Area Scan (31x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.223 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.457 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.283 W/kg
SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.103 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: 2013.12.07

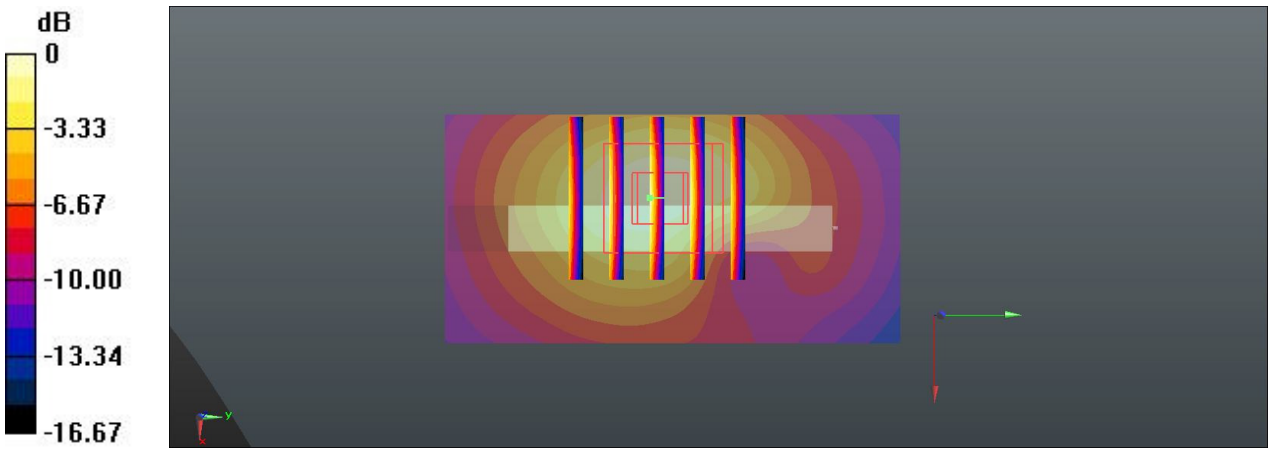
#05 GSM1900_GPRS (GMSK 3 Tx slots)_Bottom Side_1cm_Ch810

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_131207 Medium parameters used: f = 1909.8 MHz; σ = 1.544 S/m; ε_r = 54.559; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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)

Ch810/Area Scan (31x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.734 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.363 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.888 W/kg
SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.291 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: 2013.12.07

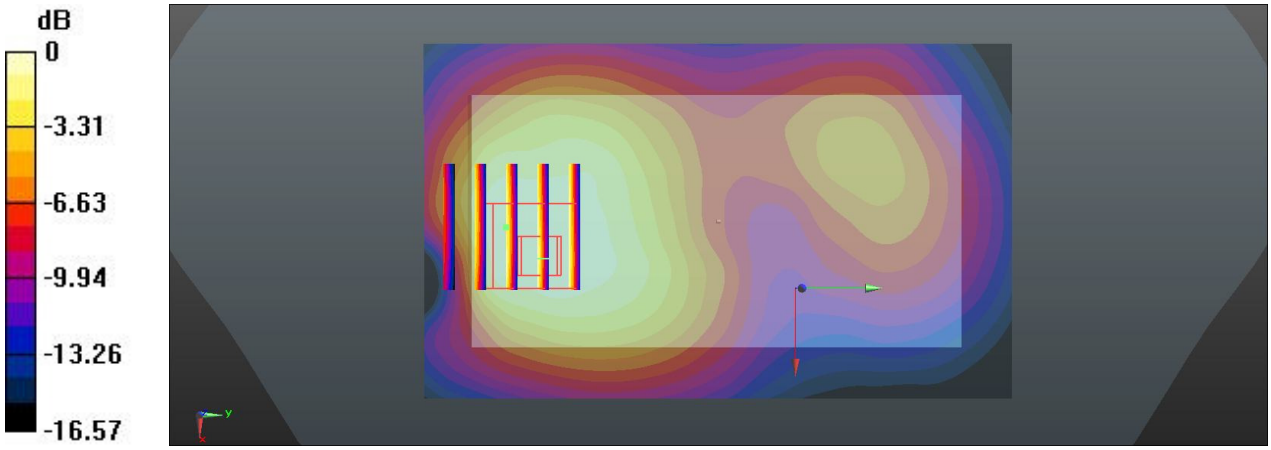
#06 GSM1900_GPRS (GMSK 3 Tx slots)_Back_1cm_Ch512

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 1850.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_131207 Medium parameters used: f = 1850.2 MHz; σ = 1.472 S/m; ε_r = 54.682; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.558 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.454 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: 2013.12.07

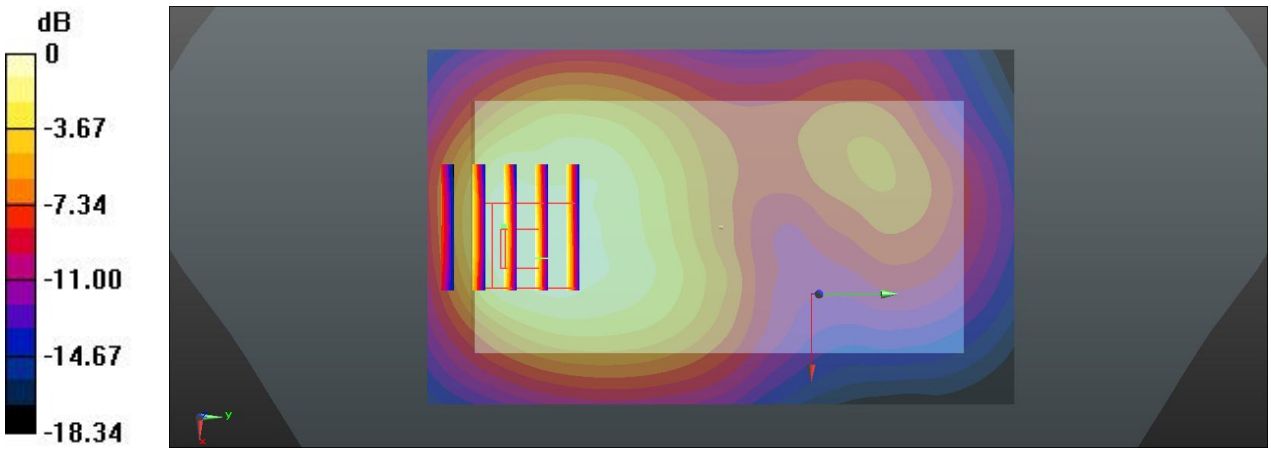
#07 GSM1900_GPRS (GMSK 3 Tx slots)_Back_1cm_Ch661

Communication System: GPRS/EDGE (3 Tx slot);Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_131207 Medium parameters used: f = 1880 MHz; σ = 1.513 S/m; ε_r = 54.609; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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)

Ch661/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.05 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.356 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.453 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: 2013.12.07

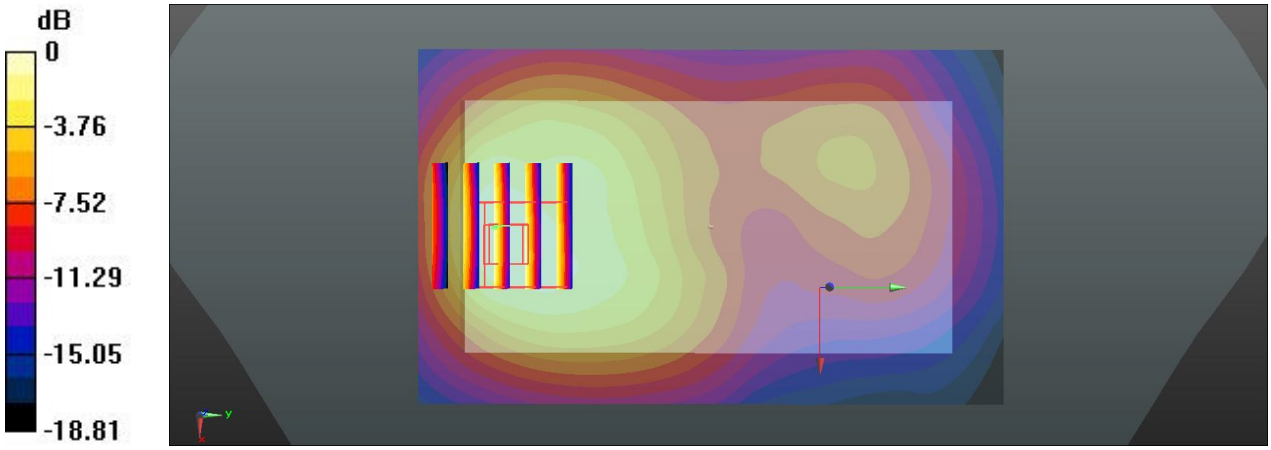
#08 GSM1900_GSM Voice_Back_1cm_Ch810

Communication System: GSM Voice;Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_131207 Medium parameters used: f = 1909.8 MHz; σ = 1.544 S/m; ε_r = 54.559; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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)

Ch810/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.859 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.302 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.616 W/kg; SAR(10 g) = 0.351 W/kg
Maximum value of SAR (measured) = 0.823 W/kg



0 dB = 0.823 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

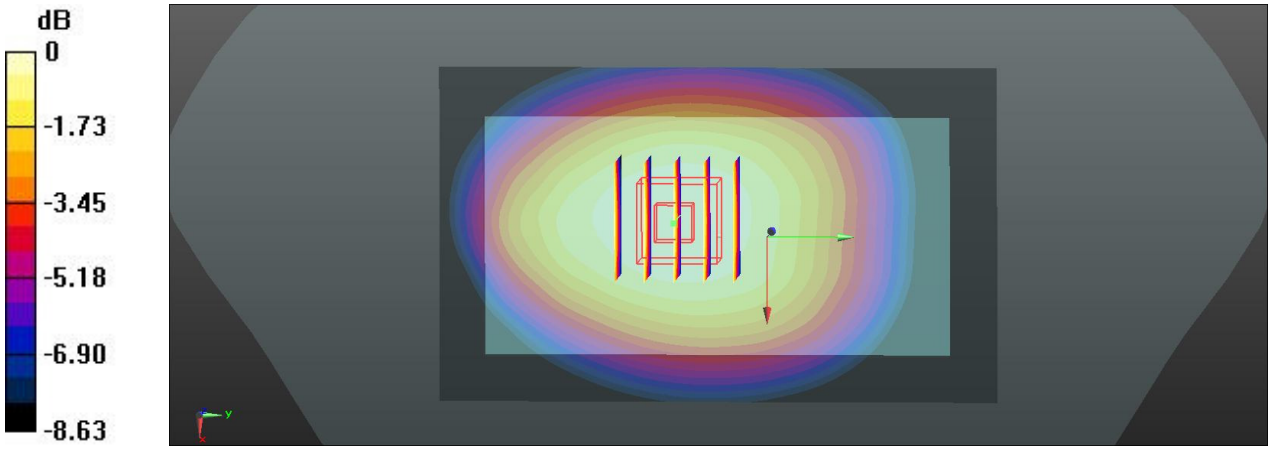
#53 WCDMA Band V_RMC 12.2k_Front_1cm_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_131210 Medium parameters used: f = 846.6 MHz; σ = 0.981 S/m; ε_r = 56.199; 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)

Ch4233/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.727 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.249 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.788 W/kg
SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.481 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: 2013.12.10

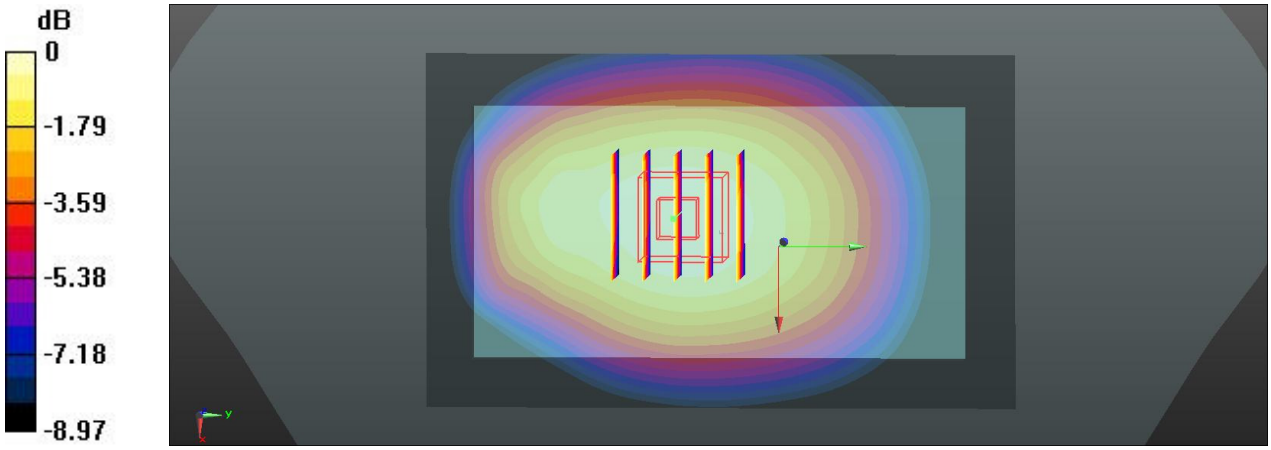
#54 WCDMA Band V_RMC 12.2k_Back_1cm_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_131210 Medium parameters used: f = 846.6 MHz; σ = 0.981 S/m; ε_r = 56.199; 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)

Ch4233/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.754 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.721 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.831 W/kg
SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.492 W/kg
Maximum value of SAR (measured) = 0.756 W/kg



0 dB = 0.756 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

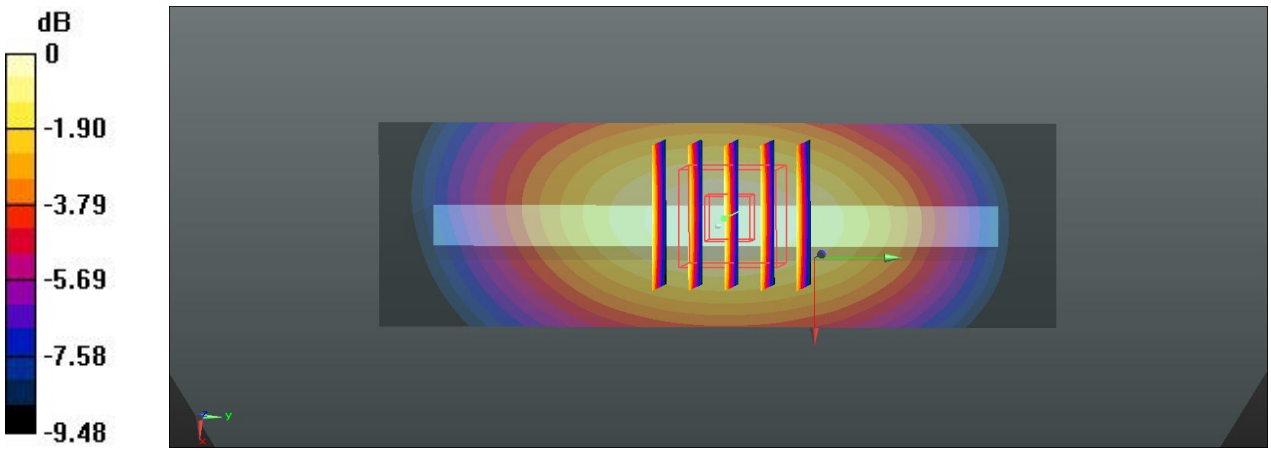
#55 WCDMA Band V_RMC 12.2k_Left Side_1cm_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_131210 Medium parameters used: f = 846.6 MHz; σ = 0.981 S/m; ε_r = 56.199; 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)

Ch4233/Area Scan (31x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.580 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.706 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.674 W/kg
SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.333 W/kg
Maximum value of SAR (measured) = 0.585 W/kg



0 dB = 0.585 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

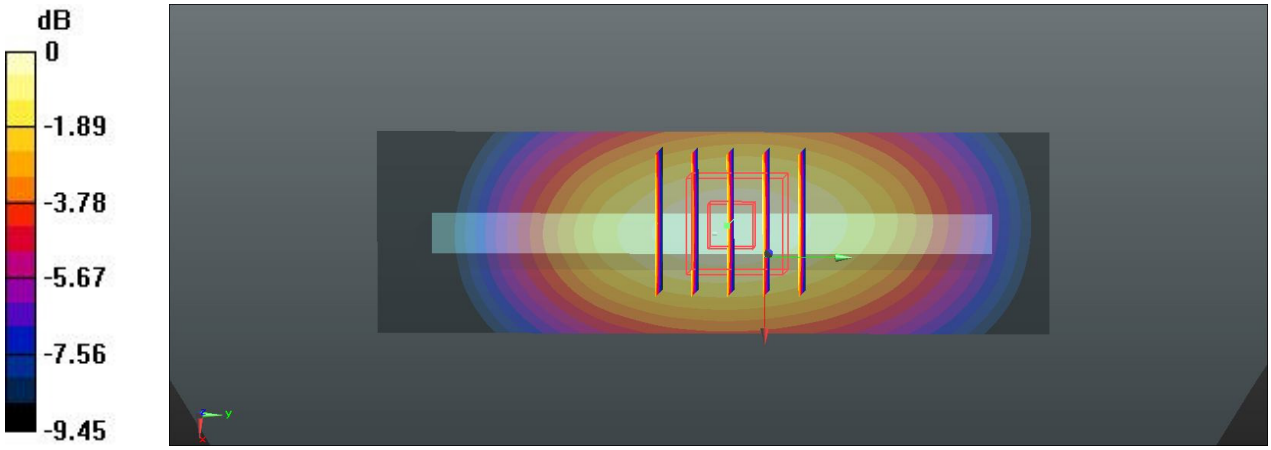
#56 WCDMA Band V_RMC 12.2k_Right Side_1cm_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_131210 Medium parameters used: f = 846.6 MHz; σ = 0.981 S/m; ε_r = 56.199; 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)

Ch4233/Area Scan (31x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.618 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.421 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.726 W/kg
SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.354 W/kg
Maximum value of SAR (measured) = 0.625 W/kg



0 dB = 0.625 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.10

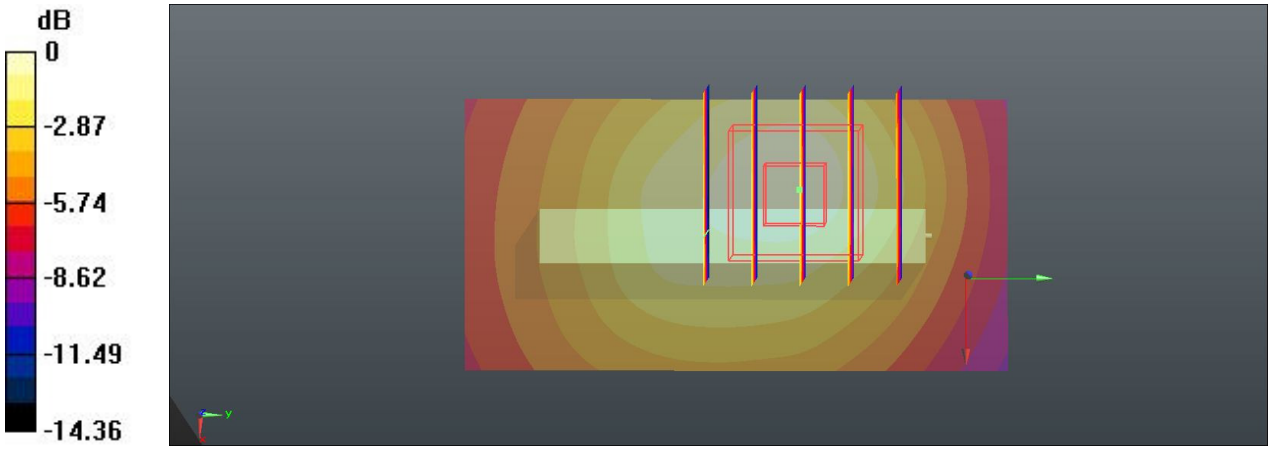
#57 WCDMA Band V_RMC 12.2k_Bottom Side_1cm_Ch4233

Communication System: WCDMA;Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_131210 Medium parameters used: f = 846.6 MHz; σ = 0.981 S/m; ε_r = 56.199; 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)

Ch4233/Area Scan (31x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0913 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.798 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.135 W/kg
SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.039 W/kg
Maximum value of SAR (measured) = 0.0956 W/kg



0 dB = 0.0956 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.11

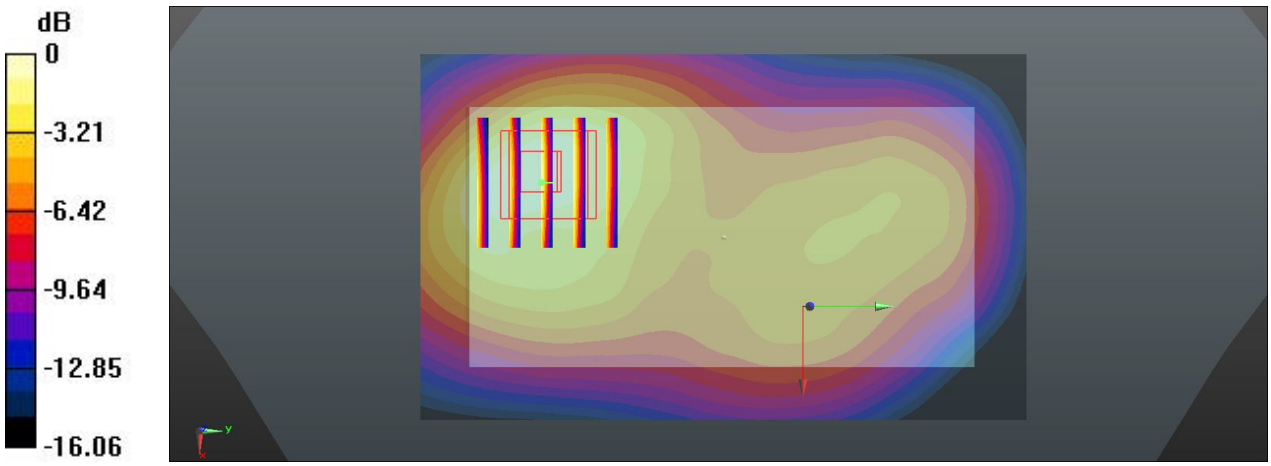
#62 WCDMA Band IV_RMC 12.2k_Front_1cm_Ch1413

Communication System: WCDMA;Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_131211 Medium parameters used: f = 1732.6 MHz; σ = 1.497 S/m; ε_r = 54.271; ρ = 1000 kg/m^3
Ambient Temperature: 23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

Ch1413/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.524 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.819 W/kg; SAR(10 g) = 0.480 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: 2013.12.11

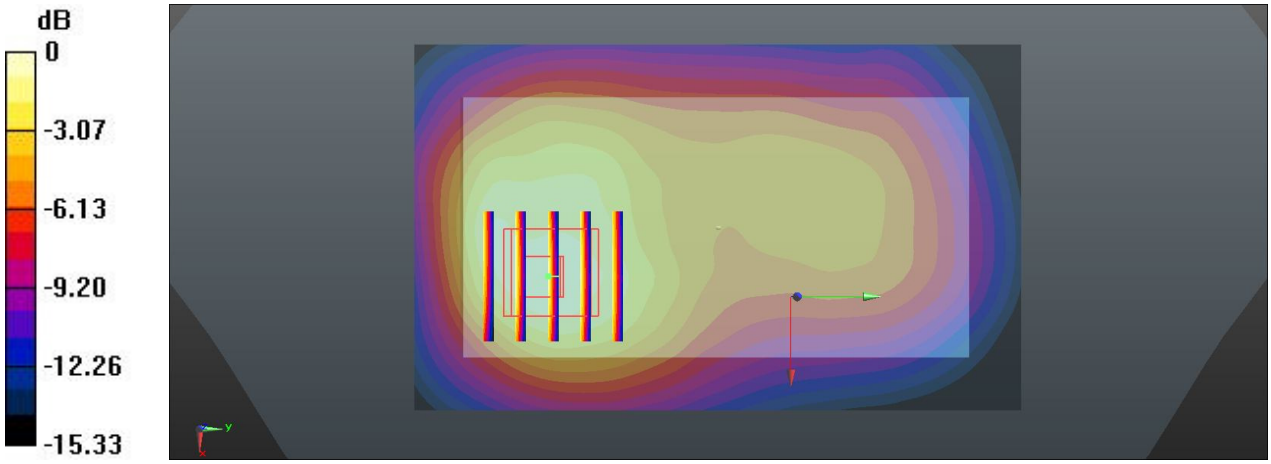
#63 WCDMA Band IV_RMC 12.2k_Back_1cm_Ch1413

Communication System: WCDMA;Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_131211 Medium parameters used: f = 1732.6 MHz; σ = 1.497 S/m; ε_r = 54.271; ρ = 1000 kg/m^3
Ambient Temperature: 23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

Ch1413/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.42 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.369 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.618 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.11

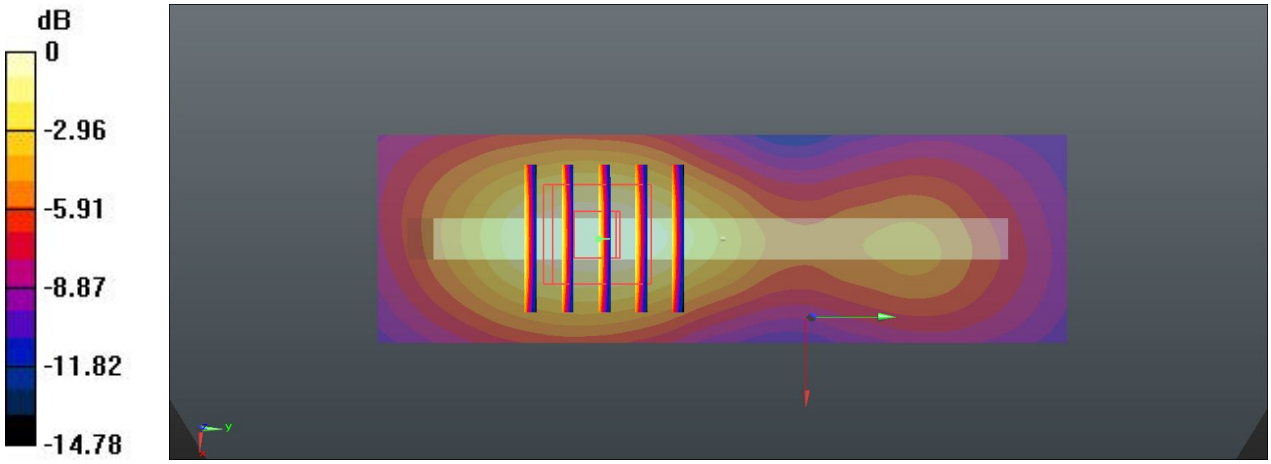
#64 WCDMA Band IV_RMC 12.2k_Left Side_1cm_Ch1413

Communication System: WCDMA;Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_131211 Medium parameters used: f = 1732.6 MHz; σ = 1.497 S/m; ε_r = 54.271; ρ = 1000 kg/m^3
Ambient Temperature: 23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

Ch1413/Area Scan (31x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.484 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.357 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.573 W/kg
SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.207 W/kg
Maximum value of SAR (measured) = 0.468 W/kg



0 dB = 0.468 W/kg

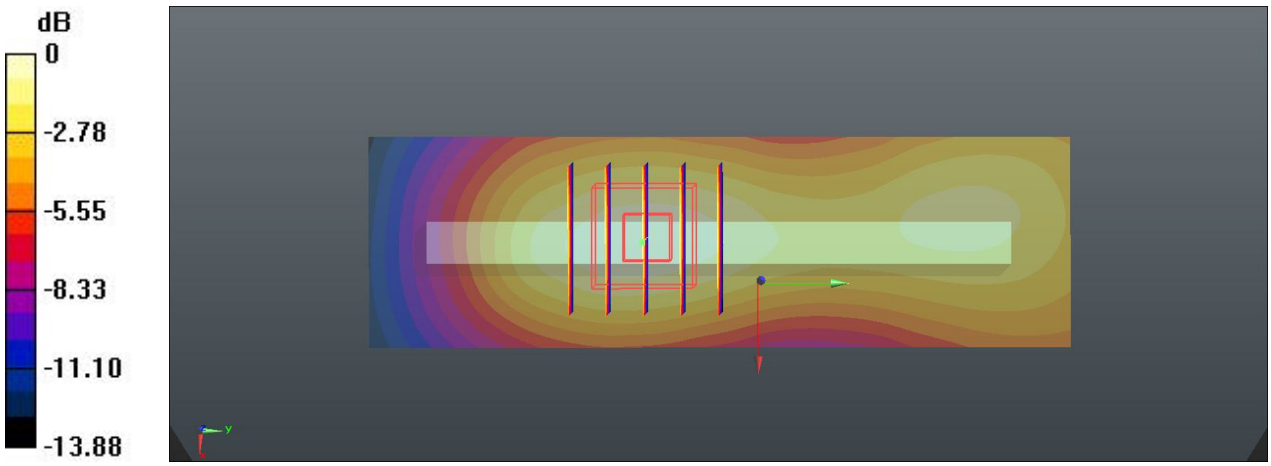
#65 WCDMA Band IV_RMC 12.2k_Right Side_1cm_Ch1413

Communication System: WCDMA;Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_131211 Medium parameters used: f = 1732.6 MHz; σ = 1.497 S/m; ε_r = 54.271; ρ = 1000 kg/m^3
Ambient Temperature: 23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

Ch1413/Area Scan (31x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.304 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.298 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.384 W/kg
SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 0.315 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.11

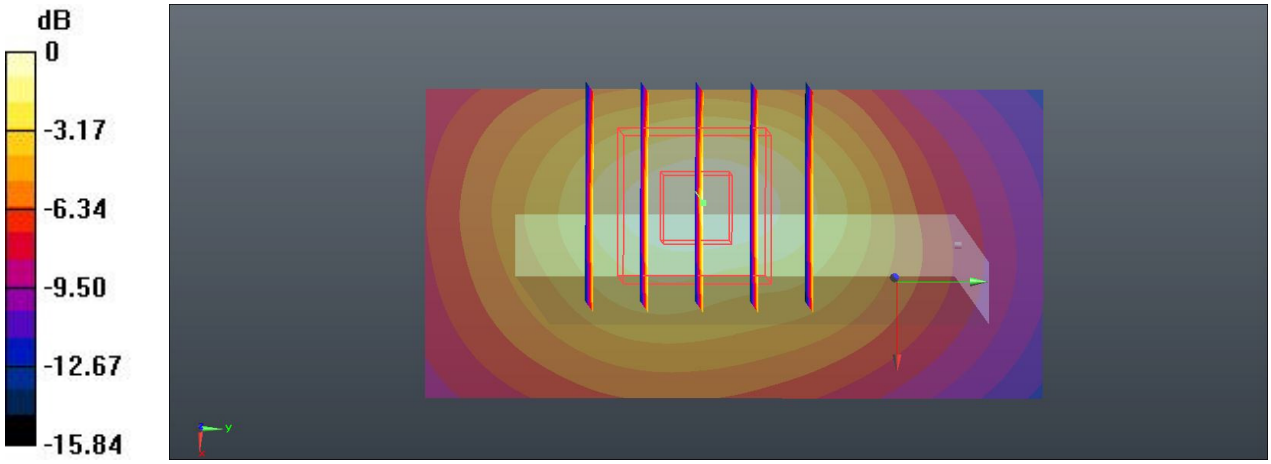
#66 WCDMA Band IV_RMC 12.2k_Bottom Side_1cm_Ch1413

Communication System: WCDMA;Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_131211 Medium parameters used: f = 1732.6 MHz; σ = 1.497 S/m; ε_r = 54.271; ρ = 1000 kg/m^3
Ambient Temperature: 23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

Ch1413/Area Scan (31x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.699 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.538 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.844 W/kg
SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.299 W/kg
Maximum value of SAR (measured) = 0.701 W/kg



0 dB = 0.701 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.11

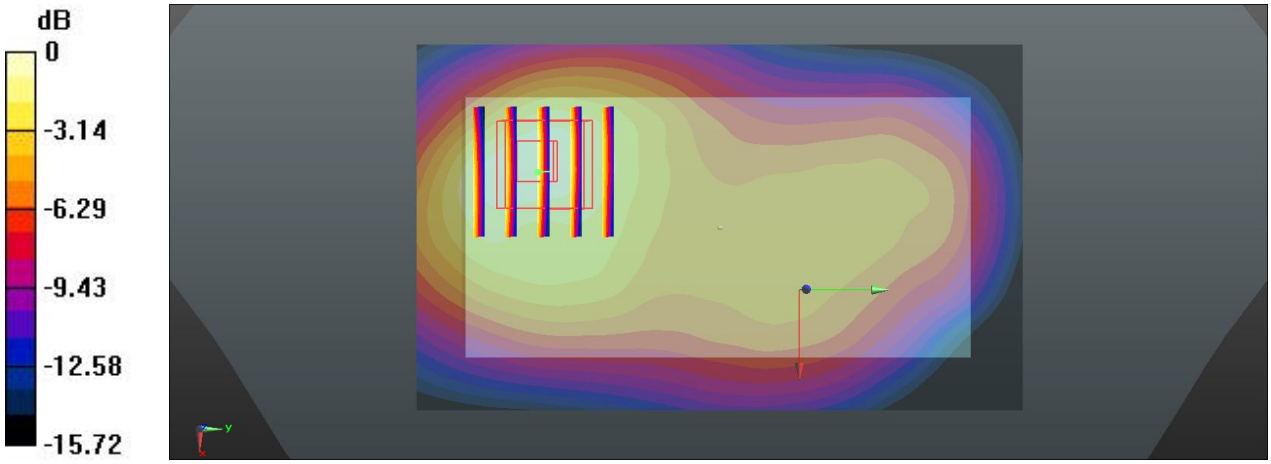
#67 WCDMA Band IV_RMC 12.2k_Front_1cm_Ch1312

Communication System: WCDMA;Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1750_131211 Medium parameters used: f = 1712.4 MHz; σ = 1.475 S/m; ε_r = 54.309; ρ = 1000 kg/m^3
Ambient Temperature: 23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

Ch1312/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.727 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.502 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.11

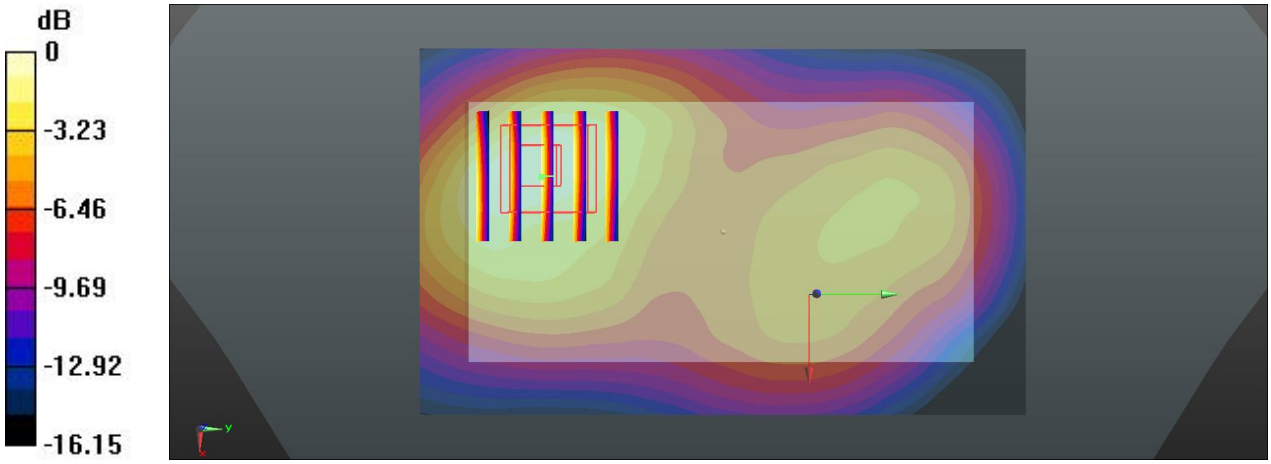
#68 WCDMA Band IV_RMC 12.2k_Front_1cm_Ch1513

Communication System: WCDMA;Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_131211 Medium parameters used: f = 1752.6 MHz; σ = 1.518 S/m; ε_r = 54.21; ρ = 1000 kg/m^3
Ambient Temperature: 23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

Ch1513/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.406 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.830 W/kg; SAR(10 g) = 0.484 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.11

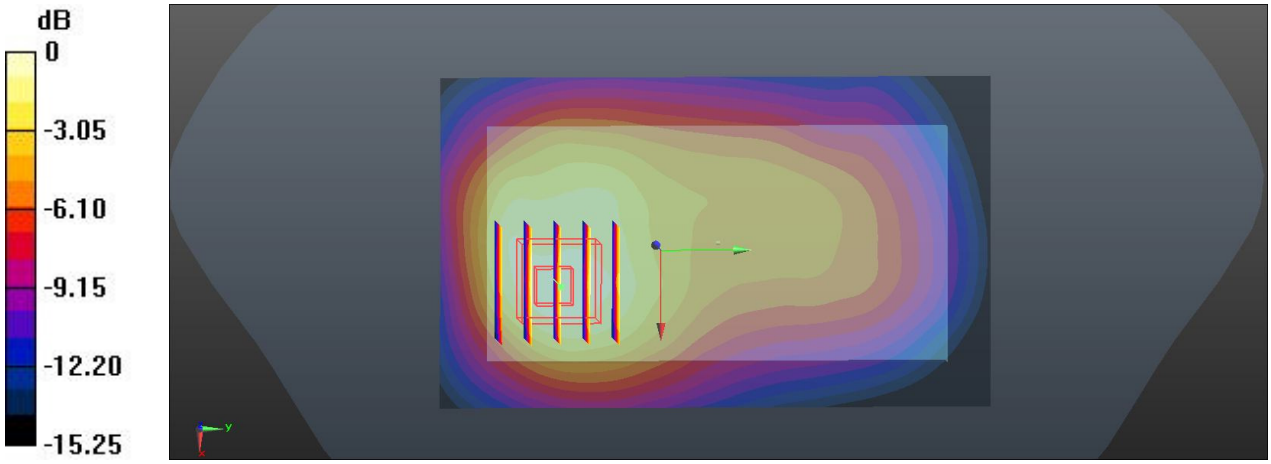
#69 WCDMA Band IV_RMC 12.2k_Back_1cm_Ch1312

Communication System: WCDMA;Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1750_131211 Medium parameters used: f = 1712.4 MHz; σ = 1.475 S/m; ε_r = 54.309; ρ = 1000 kg/m^3
Ambient Temperature: 23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

Ch1312/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.33 W/kg

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.411 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.969 W/kg; SAR(10 g) = 0.581 W/kg
Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.11

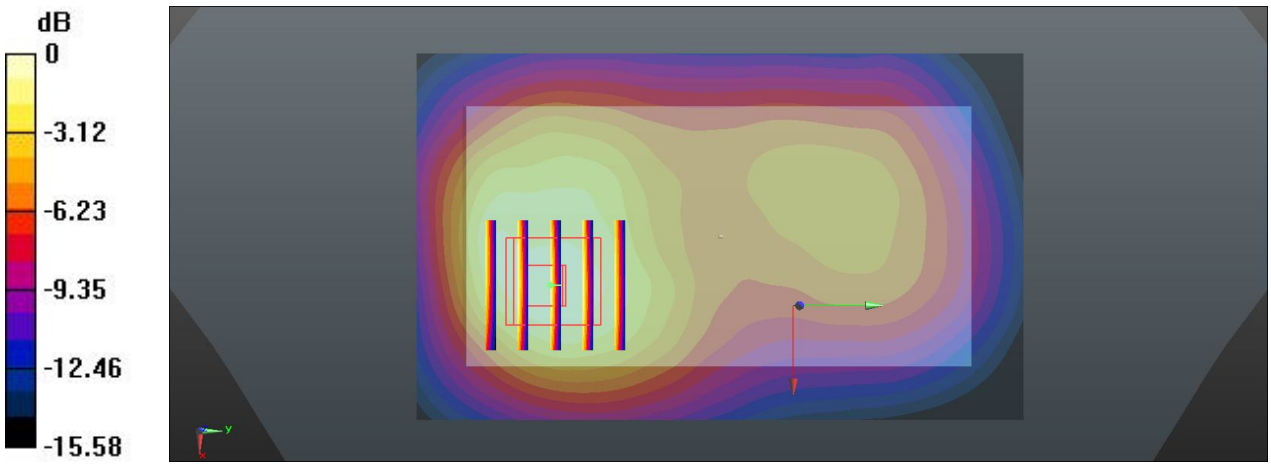
#70 WCDMA Band IV_RMC 12.2k_Back_1cm_Ch1513

Communication System: WCDMA;Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_131211 Medium parameters used: f = 1752.6 MHz; σ = 1.518 S/m; ε_r = 54.21; ρ = 1000 kg/m^3
Ambient Temperature: 23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

Ch1513/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.42 W/kg

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.819 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.611 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.11

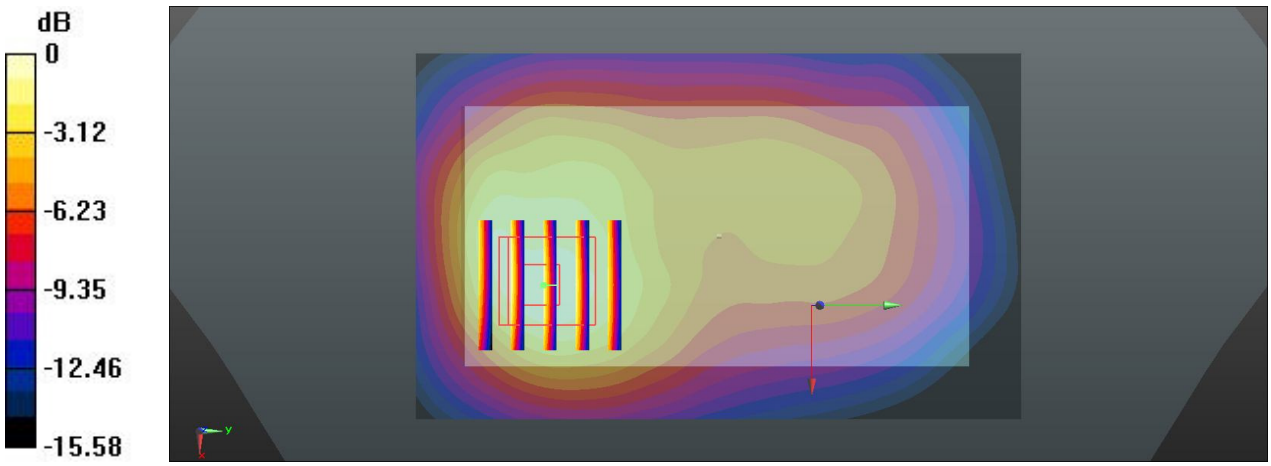
#71 WCDMA Band IV_RMC 12.2k_Back_1cm_Ch1413_Headset

Communication System: WCDMA;Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_131211 Medium parameters used: f = 1732.6 MHz; σ = 1.497 S/m; ε_r = 54.271; ρ = 1000 kg/m^3
Ambient Temperature: 23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

Ch1413/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.52 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.846 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.656 W/kg
Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg

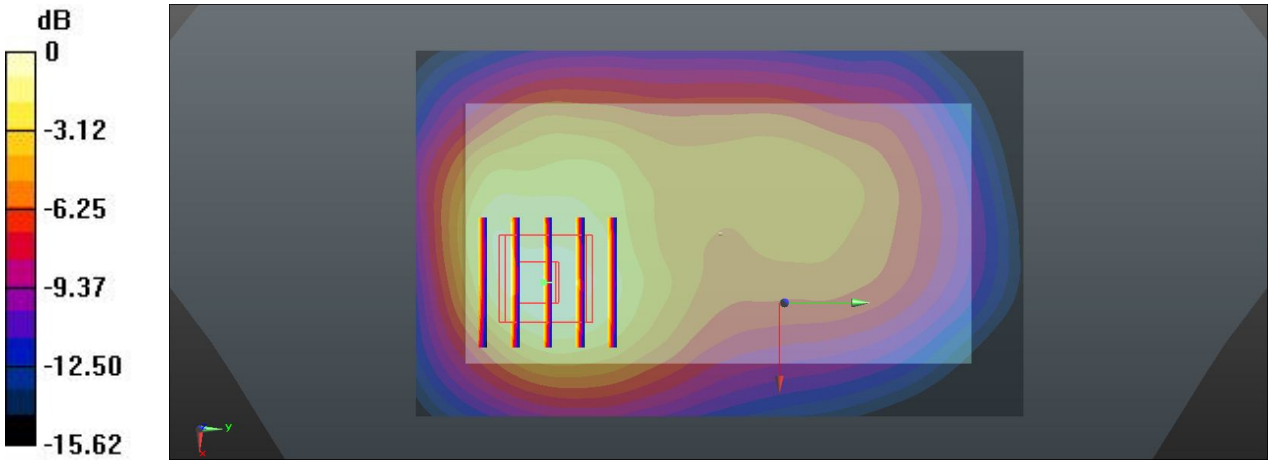
#74 WCDMA Band IV_RMC 12.2k_Back_1cm_Ch1413_Headset_Repeat SAR

Communication System: WCDMA;Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_131211 Medium parameters used: f = 1732.6 MHz; σ = 1.497 S/m; ε_r = 54.271; ρ = 1000 kg/m^3
Ambient Temperature: 23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

Ch1413/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.47 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.664 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.640 W/kg
Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.11

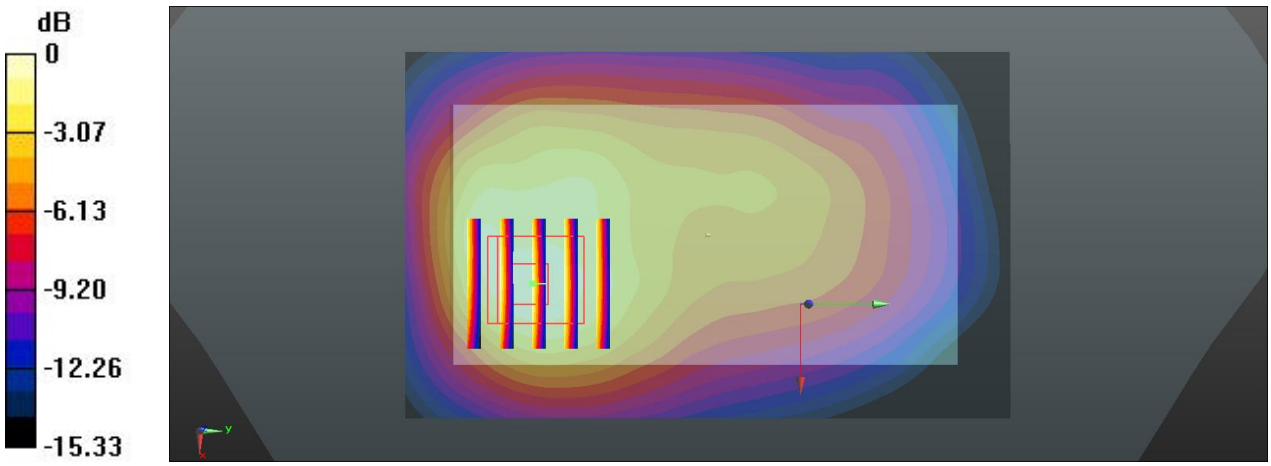
#72 WCDMA Band IV_RMC 12.2k_Back_1cm_Ch1312_Headset

Communication System: WCDMA;Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1750_131211 Medium parameters used: f = 1712.4 MHz; σ = 1.475 S/m; ε_r = 54.309; ρ = 1000 kg/m^3
Ambient Temperature: 23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

Ch1312/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.37 W/kg

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.672 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 1 W/kg; SAR(10 g) = 0.596 W/kg
Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.11

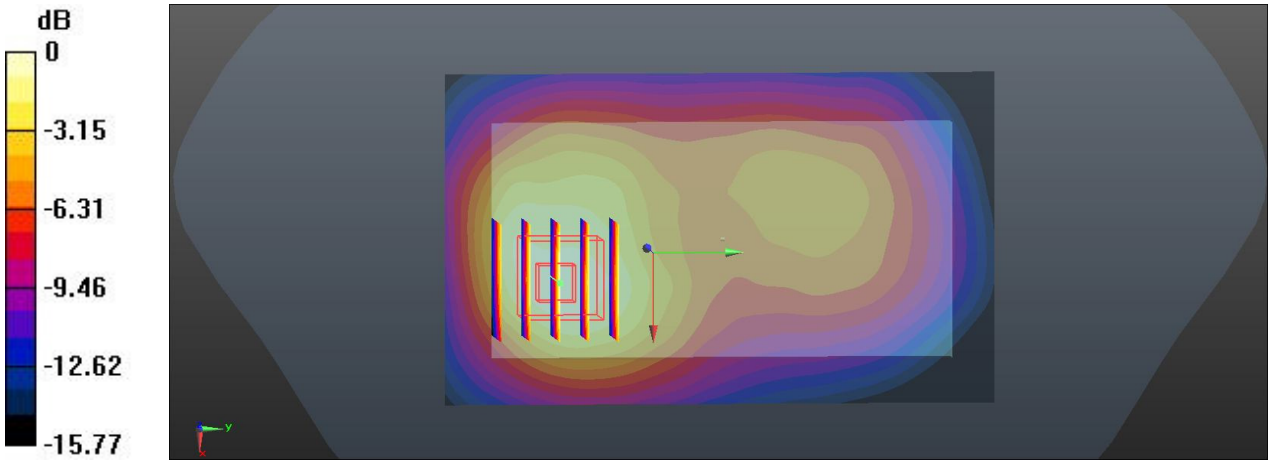
#73 WCDMA Band IV_RMC 12.2k_Back_1cm_Ch1513_Headset

Communication System: WCDMA;Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_131211 Medium parameters used: f = 1752.6 MHz; σ = 1.518 S/m; ε_r = 54.21; ρ = 1000 kg/m^3
Ambient Temperature: 23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

Ch1513/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.49 W/kg

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.115 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.639 W/kg
Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.07

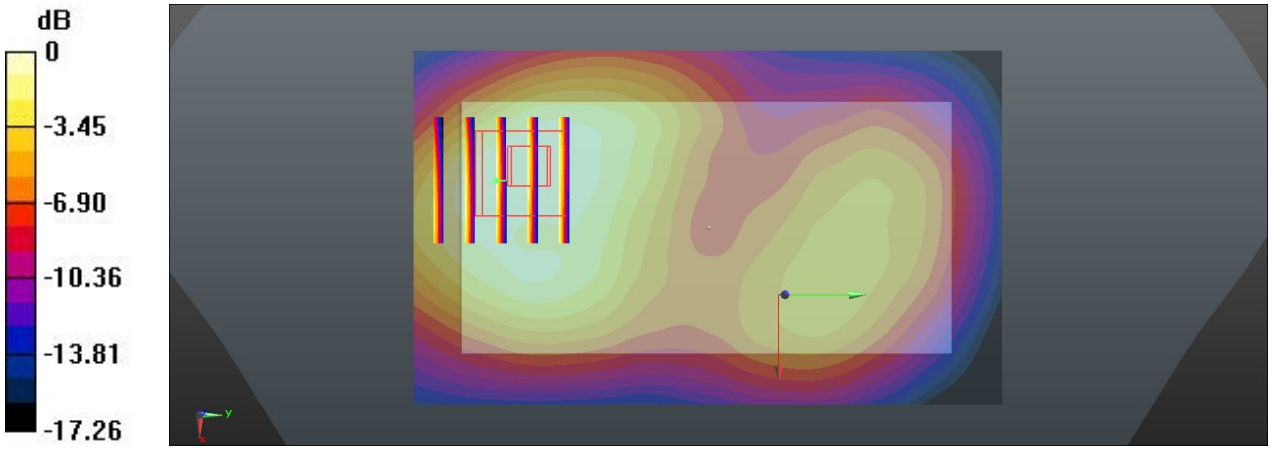
#09 WCDMA Band II_RMC 12.2k_Front_1cm_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131207 Medium parameters used: f = 1880 MHz; σ = 1.513 S/m; ε_r = 54.609; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.797 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.074 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.980 W/kg
SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.349 W/kg
Maximum value of SAR (measured) = 0.778 W/kg



0 dB = 0.778 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.07

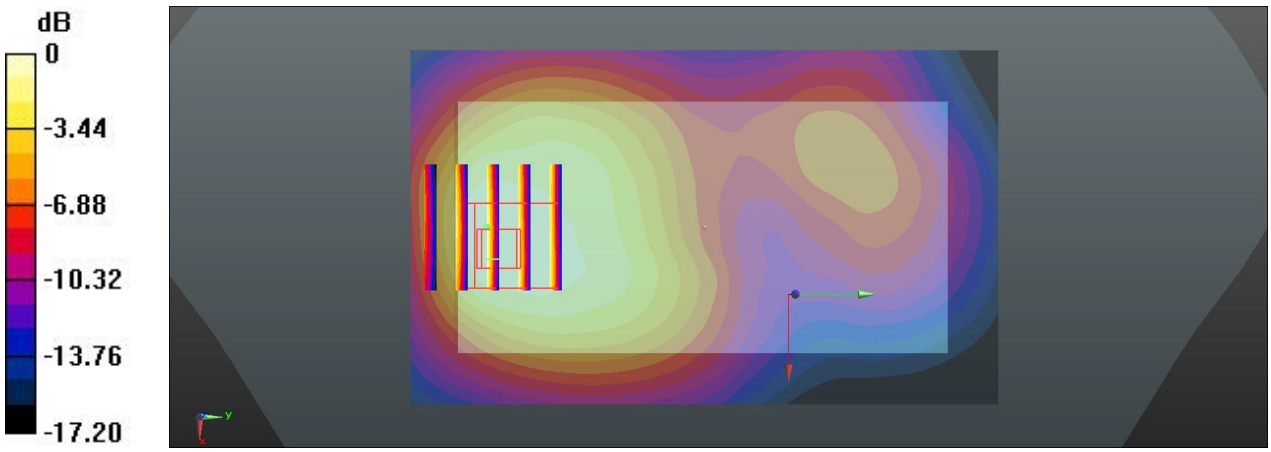
#10 WCDMA Band II_RMC 12.2k_Back_1cm_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131207 Medium parameters used: f = 1880 MHz; σ = 1.513 S/m; ε_r = 54.609; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.44 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.319 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.592 W/kg
Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.07

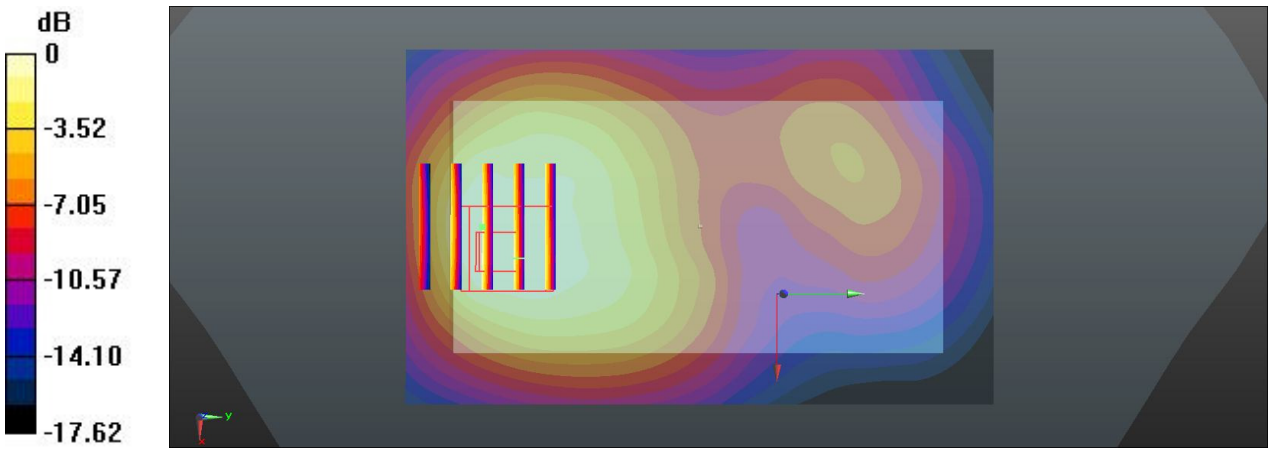
#16 WCDMA Band II_RMC 12.2k_Back_1cm_Ch9400_Repeat SAR

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131207 Medium parameters used: f = 1880 MHz; σ = 1.513 S/m; ε_r = 54.609; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.45 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.333 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.574 W/kg
Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.07

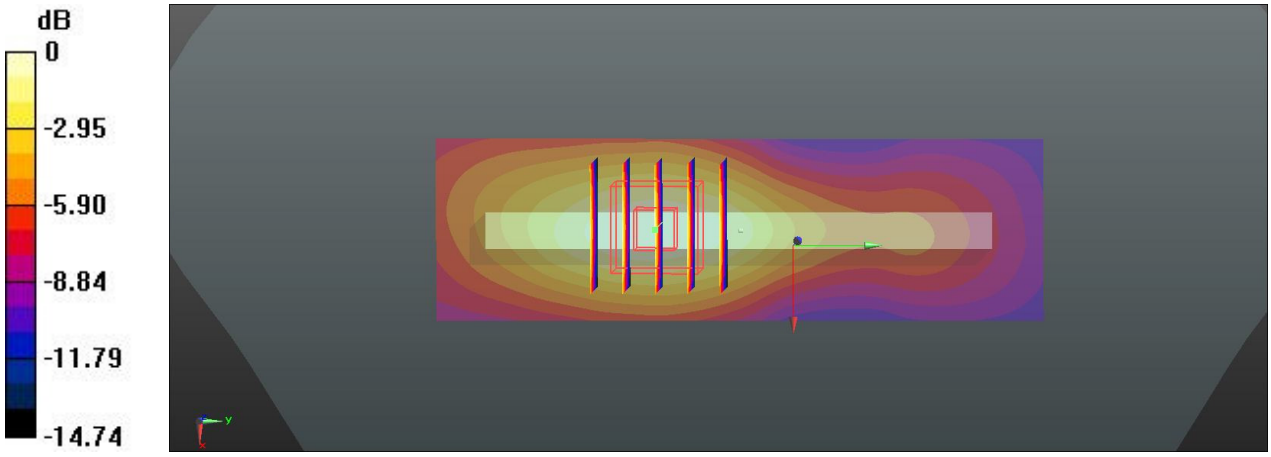
#11 WCDMA Band II_RMC 12.2k_Left Side_1cm_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131207 Medium parameters used: f = 1880 MHz; σ = 1.513 S/m; ε_r = 54.609; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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 (31x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.329 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.386 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.140 W/kg
Maximum value of SAR (measured) = 0.323 W/kg



0 dB = 0.323 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.07

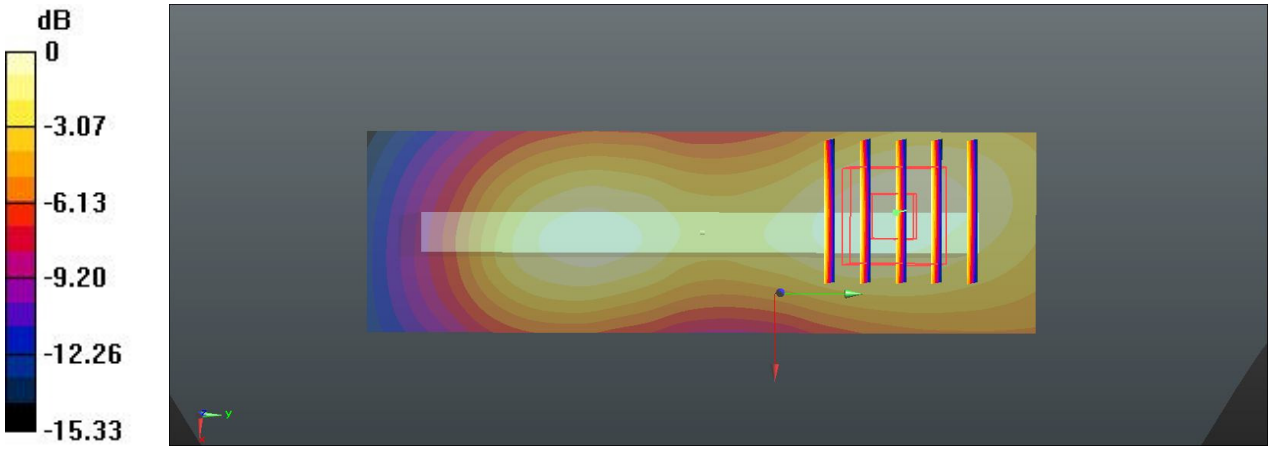
#12 WCDMA Band II_RMC 12.2k_Right Side_1cm_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131207 Medium parameters used: f = 1880 MHz; σ = 1.513 S/m; ε_r = 54.609; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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 (31x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.292 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.112 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.368 W/kg
SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.137 W/kg
Maximum value of SAR (measured) = 0.301 W/kg



0 dB = 0.301 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.07

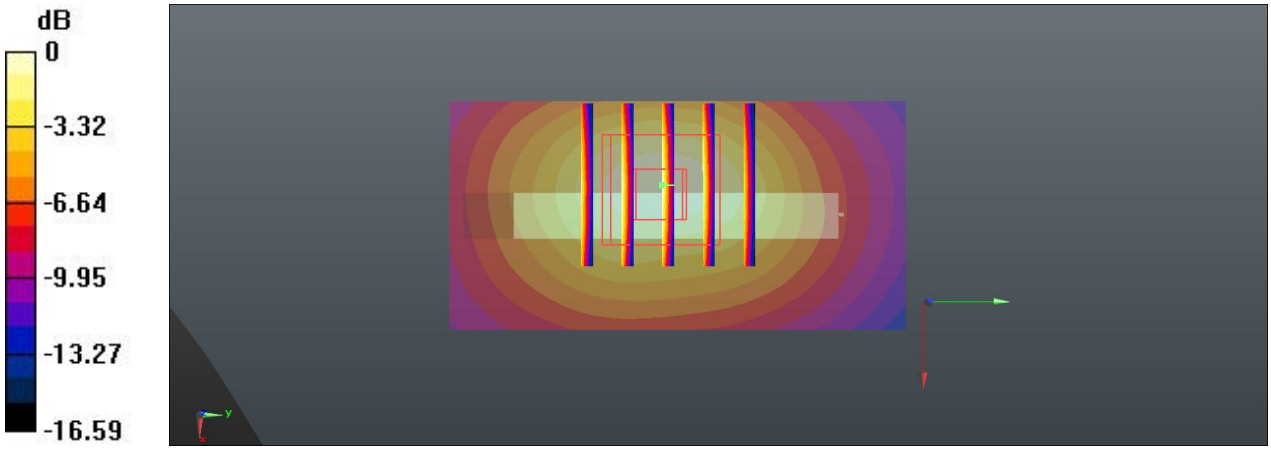
#13 WCDMA Band II_RMC 12.2k_Bottom Side_1cm_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131207 Medium parameters used: f = 1880 MHz; σ = 1.513 S/m; ε_r = 54.609; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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 (31x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.816 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.390 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.343 W/kg
Maximum value of SAR (measured) = 0.829 W/kg



0 dB = 0.829 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.07

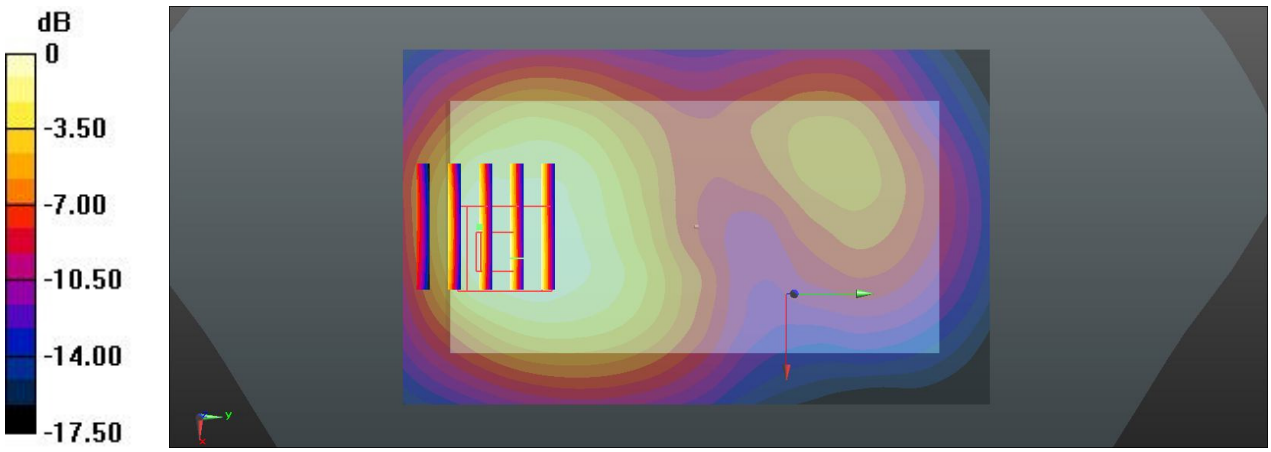
#14 WCDMA Band II_RMC 12.2k_Back_1cm_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131207 Medium parameters used: f = 1852.4 MHz; σ = 1.475 S/m; ε_r = 54.674; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.460 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.515 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.07

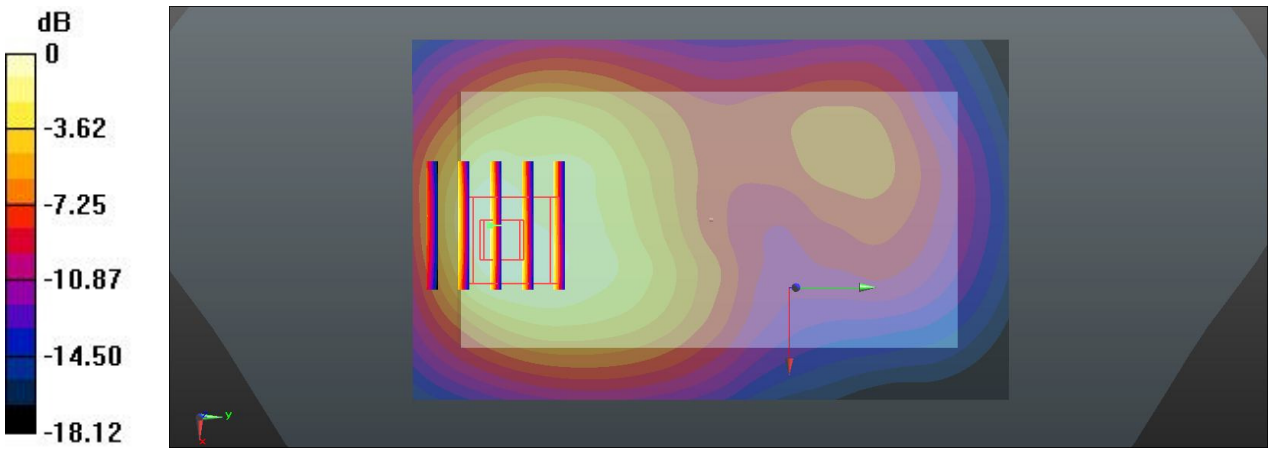
#15 WCDMA Band II_RMC 12.2k_Back_1cm_Ch9538

Communication System: WCDMA;Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131207 Medium parameters used: f = 1907.6 MHz; σ = 1.542 S/m; ε_r = 54.565; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.32 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.110 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.539 W/kg
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.07

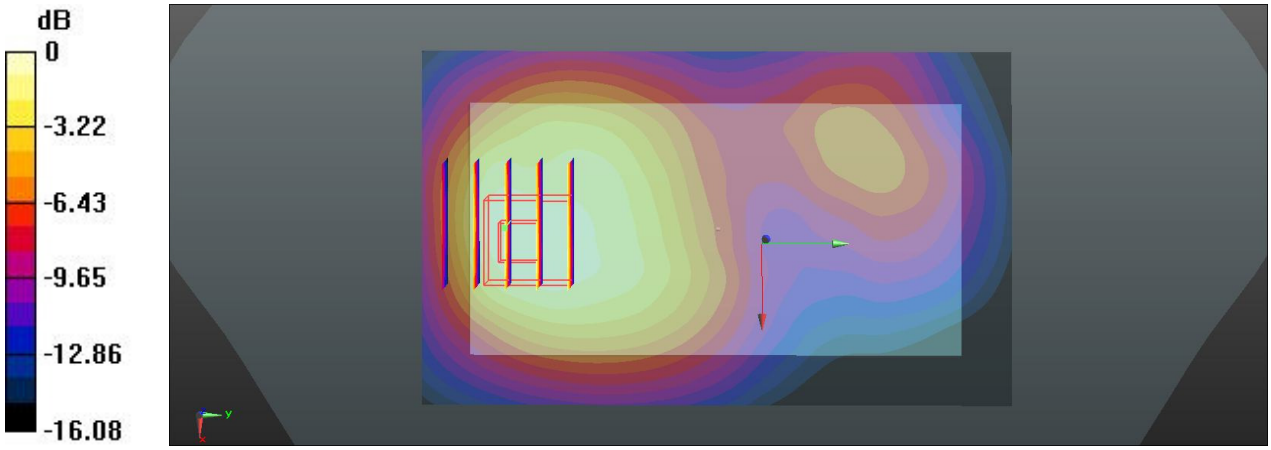
#59 WCDMA Band II_RMC 12.2k_Back_1cm_Ch9400_Headset

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131207 Medium parameters used: f = 1880 MHz; σ = 1.513 S/m; ε_r = 54.609; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.943 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.605 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.07

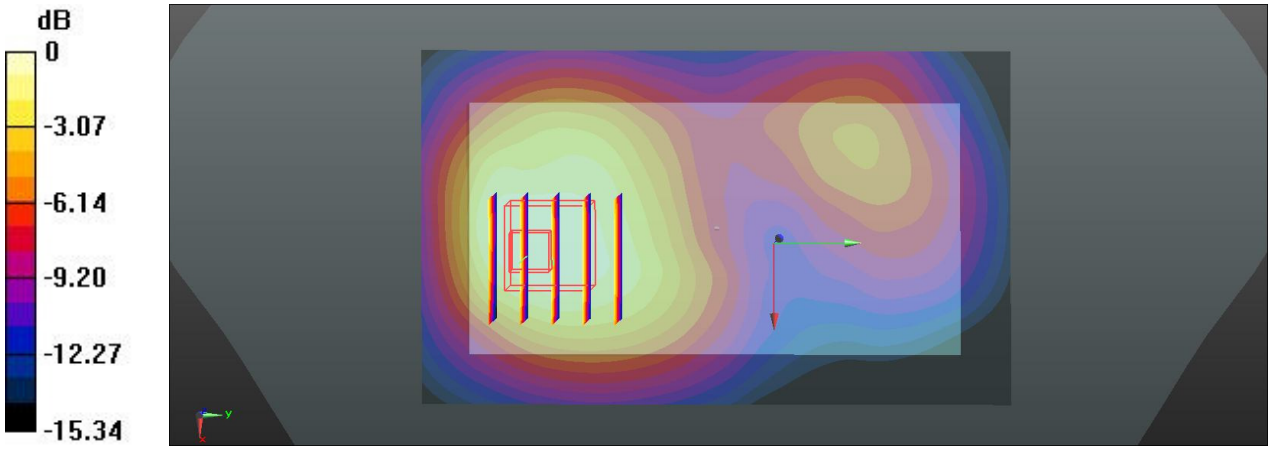
#60 WCDMA Band II_RMC 12.2k_Back_1cm_Ch9262_Headset

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131207 Medium parameters used: f = 1852.4 MHz; σ = 1.475 S/m; ε_r = 54.674; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.990 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.535 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.12.07

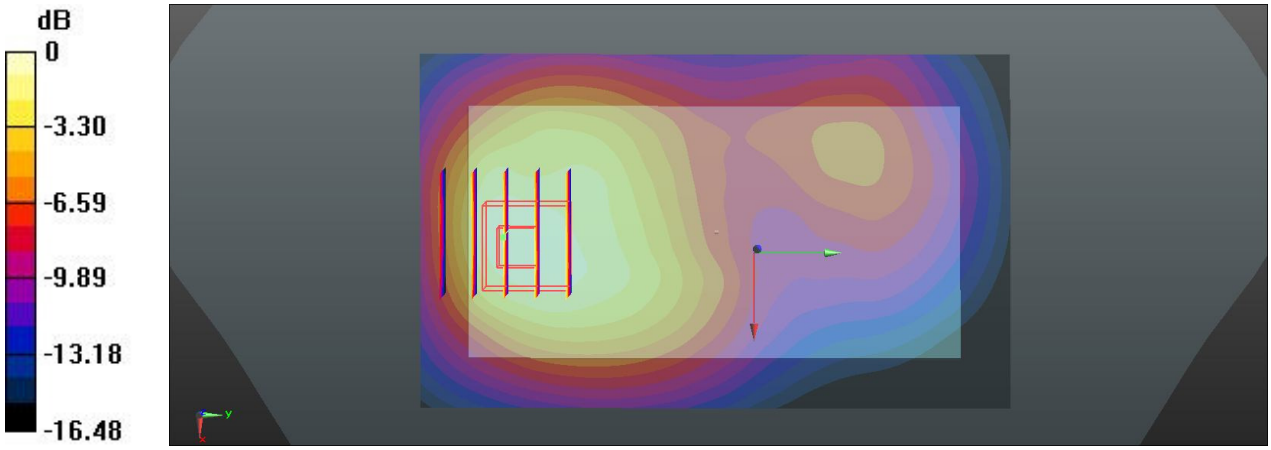
#61 WCDMA Band II_RMC 12.2k_Back_1cm_Ch9538_Headset

Communication System: WCDMA;Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_131207 Medium parameters used: f = 1907.6 MHz; σ = 1.542 S/m; ε_r = 54.565; ρ = 1000 kg/m^3
Ambient Temperature: 23.5 ℃; 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 (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.222 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.876 W/kg; SAR(10 g) = 0.510 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2014.01.03

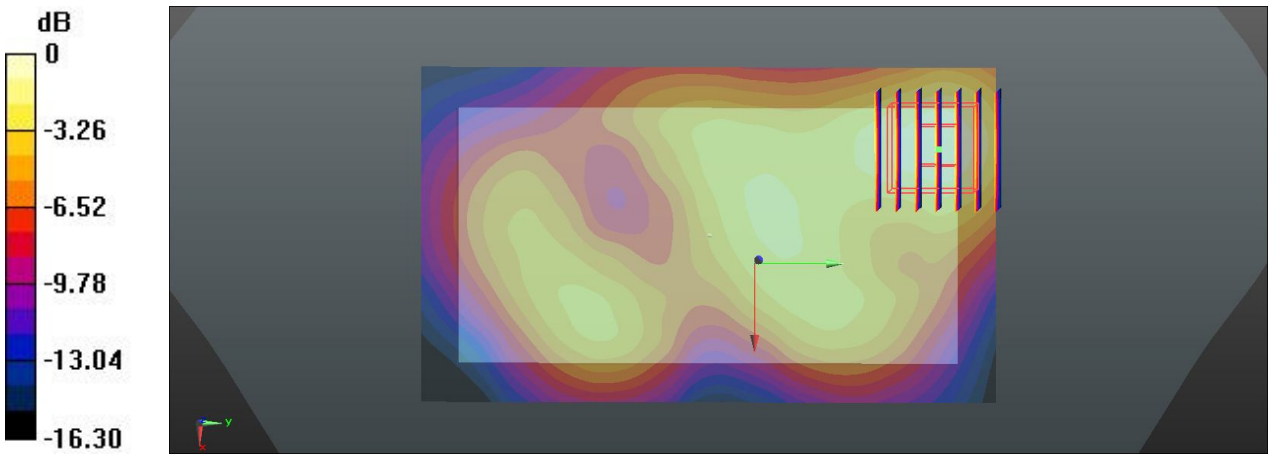
#85 WLAN 2.4GHz_802.11b 1Mbps_Front_1cm_Ch6

Communication System: 802.11b ;Frequency: 2437 MHz;Duty Cycle: 1:1.027
Medium: MSL_2450_140103 Medium parameters used: f = 2437 MHz; σ = 1.913 S/m; ε_r = 53.395; ρ = 1000 kg/m^3
Ambient Temperature: 23.6 ℃; Liquid Temperature：22.7 ℃

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)

Ch6/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.347 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.406 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.455 W/kg
SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.127 W/kg
Maximum value of SAR (measured) = 0.338 W/kg



0 dB = 0.338 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2014.01.03

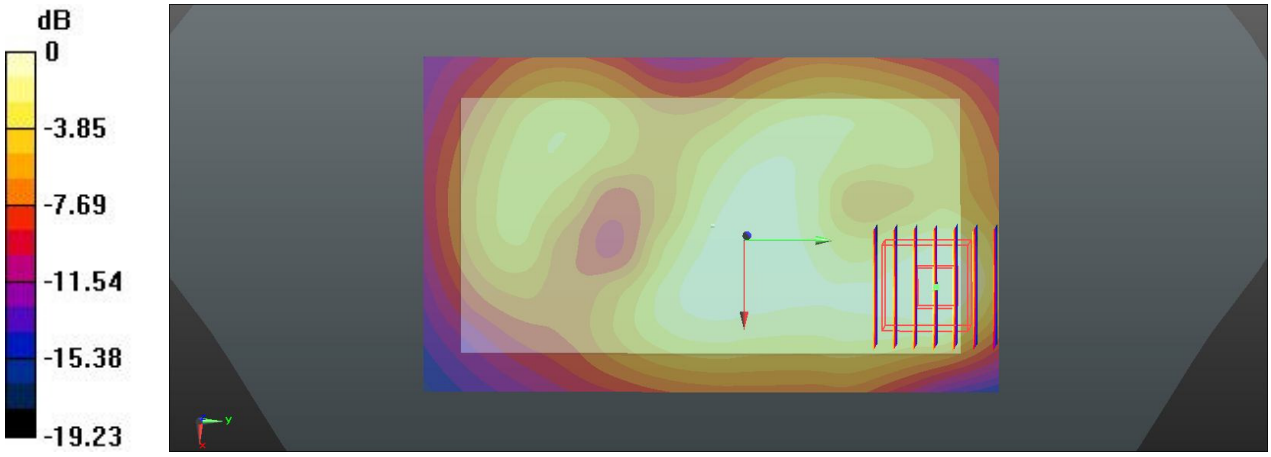
#86 WLAN 2.4GHz_802.11b 1Mbps_Back_1cm_Ch6

Communication System: 802.11b ;Frequency: 2437 MHz;Duty Cycle: 1:1.027
Medium: MSL_2450_140103 Medium parameters used: f = 2437 MHz; σ = 1.913 S/m; ε_r = 53.395; ρ = 1000 kg/m^3
Ambient Temperature: 23.6 ℃; Liquid Temperature：22.7 ℃

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)

Ch6/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.377 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.221 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.464 W/kg
SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.127 W/kg
Maximum value of SAR (measured) = 0.347 W/kg



0 dB = 0.347 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2014.01.03

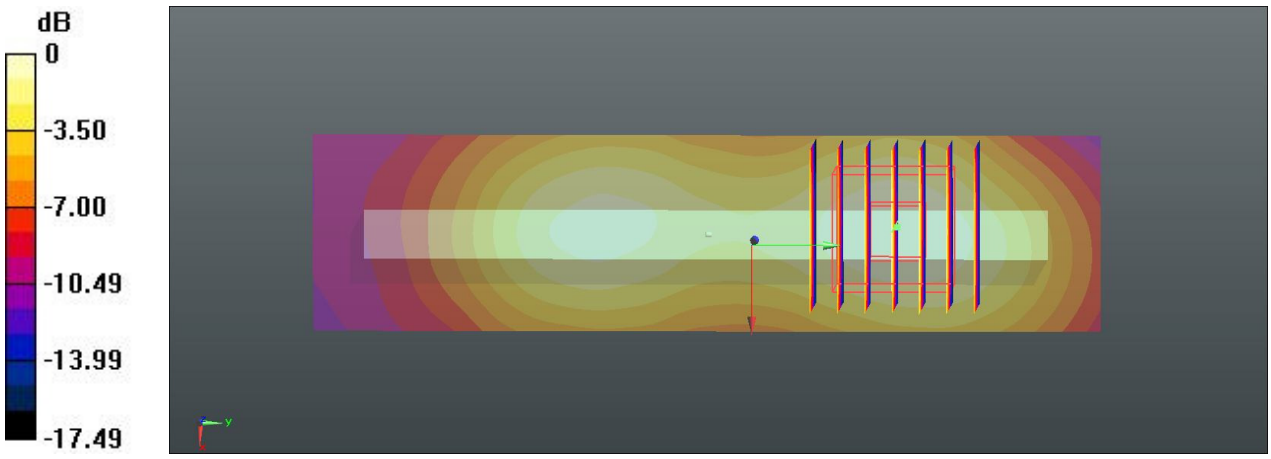
#87 WLAN 2.4GHz_802.11b 1Mbps_Left Side_1cm_Ch6

Communication System: 802.11b ;Frequency: 2437 MHz;Duty Cycle: 1:1.027
Medium: MSL_2450_140103 Medium parameters used: f = 2437 MHz; σ = 1.913 S/m; ε_r = 53.395; ρ = 1000 kg/m^3
Ambient Temperature: 23.6 ℃; Liquid Temperature：22.7 ℃

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)

Ch6/Area Scan (31x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.243 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.788 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.313 W/kg
SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.092 W/kg
Maximum value of SAR (measured) = 0.236 W/kg



0 dB = 0.236 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2014.01.03

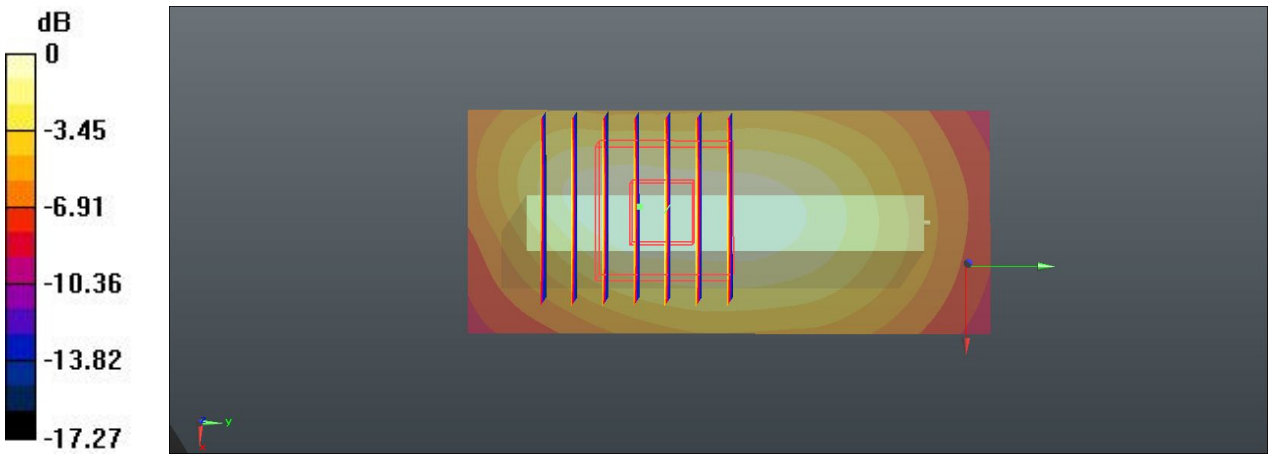
#88 WLAN 2.4GHz_802.11b 1Mbps_Top Side_1cm_Ch6

Communication System: 802.11b ;Frequency: 2437 MHz;Duty Cycle: 1:1.027
Medium: MSL_2450_140103 Medium parameters used: f = 2437 MHz; σ = 1.913 S/m; ε_r = 53.395; ρ = 1000 kg/m^3
Ambient Temperature: 23.6 ℃; Liquid Temperature：22.7 ℃

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)

Ch6/Area Scan (31x71x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.167 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.457 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.209 W/kg
SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.060 W/kg
Maximum value of SAR (measured) = 0.158 W/kg



0 dB = 0.158 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2014.01.03

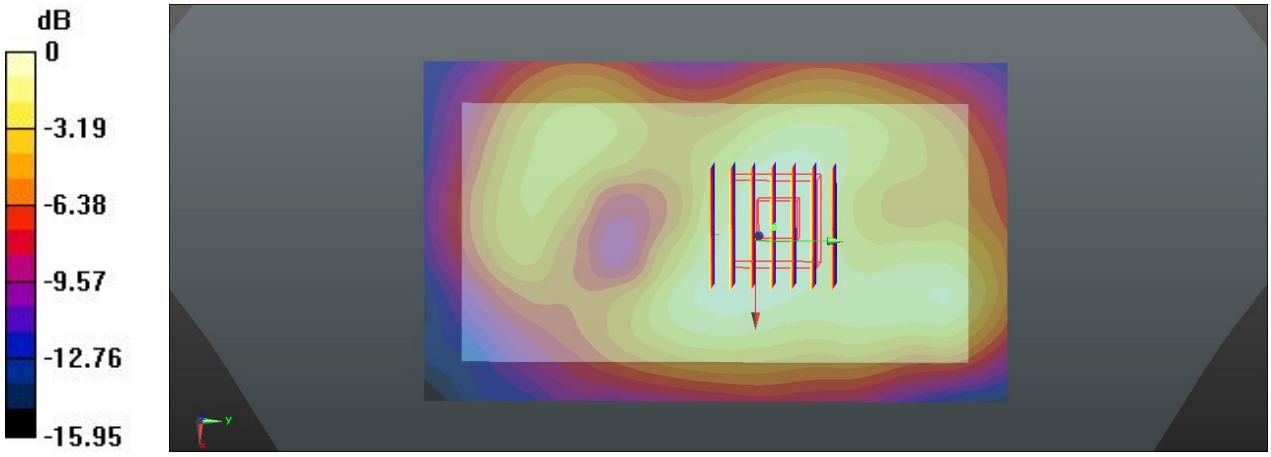
#89 WLAN 2.4GHz_802.11b 1Mbps_Back_1cm_Ch6_Headset

Communication System: 802.11b ;Frequency: 2437 MHz;Duty Cycle: 1:1.027
Medium: MSL_2450_140103 Medium parameters used: f = 2437 MHz; σ = 1.913 S/m; ε_r = 53.395; ρ = 1000 kg/m^3
Ambient Temperature: 23.6 ℃; Liquid Temperature：22.7 ℃

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)

Ch6/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.182 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.337 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.230 W/kg
SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.082 W/kg
Maximum value of SAR (measured) = 0.181 W/kg



0 dB = 0.181 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2014.01.03

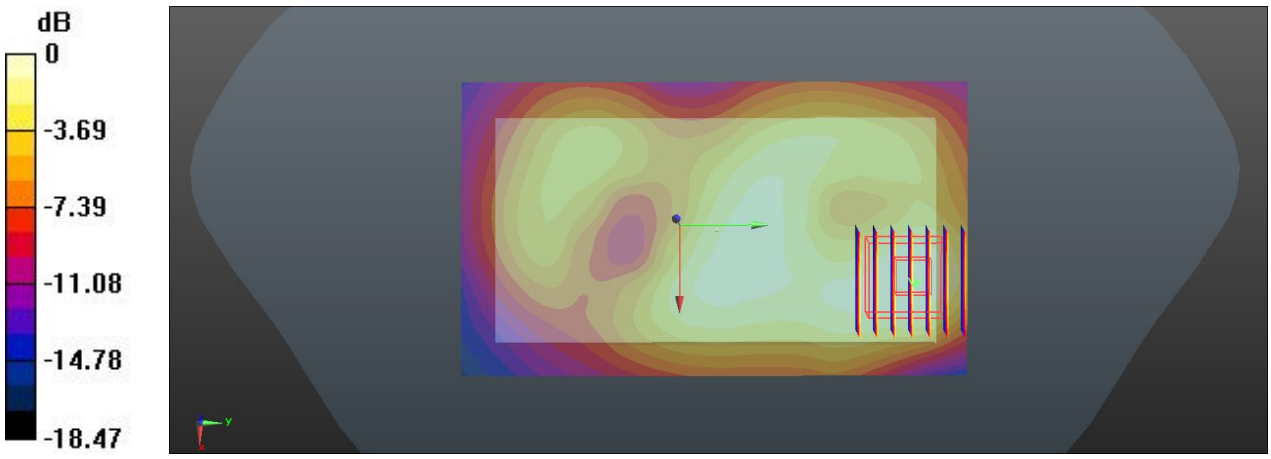
#90 WLAN 2.4GHz_802.11g 6Mbps_Back_1cm_Ch6

Communication System: 802.11g;Frequency: 2437 MHz;Duty Cycle: 1:1.147
Medium: MSL_2450_140103 Medium parameters used: f = 2437 MHz; σ = 1.913 S/m; ε_r = 53.395; ρ = 1000 kg/m^3
Ambient Temperature: 23.6 ℃; Liquid Temperature：22.7 ℃

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)

Ch6/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.338 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.260 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.420 W/kg
SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.115 W/kg
Maximum value of SAR (measured) = 0.309 W/kg



0 dB = 0.309 W/kg