Appendix A. Plots of System Performance Check

The plots are shown as follows.

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.31

System Check_Head_835MHz_130831

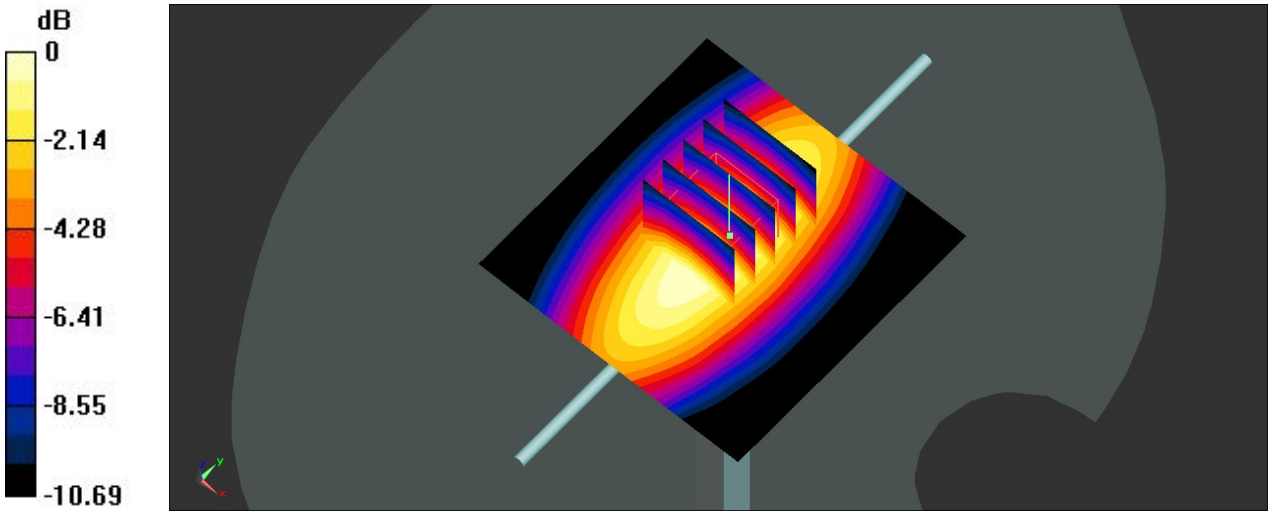
DUT: D835V2 - SN: 4d151

Communication System: CW;Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_835_130831 Medium parameters used: f = 835 MHz; σ = 0.92 S/m; ε_r = 42.227; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.5 ℃

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

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.95 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.779 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 3.48 W/kg
SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.54 W/kg
Maximum value of SAR (measured) = 2.95 W/kg



0 dB = 2.95 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.31

System Check_Head_1900MHz_130831

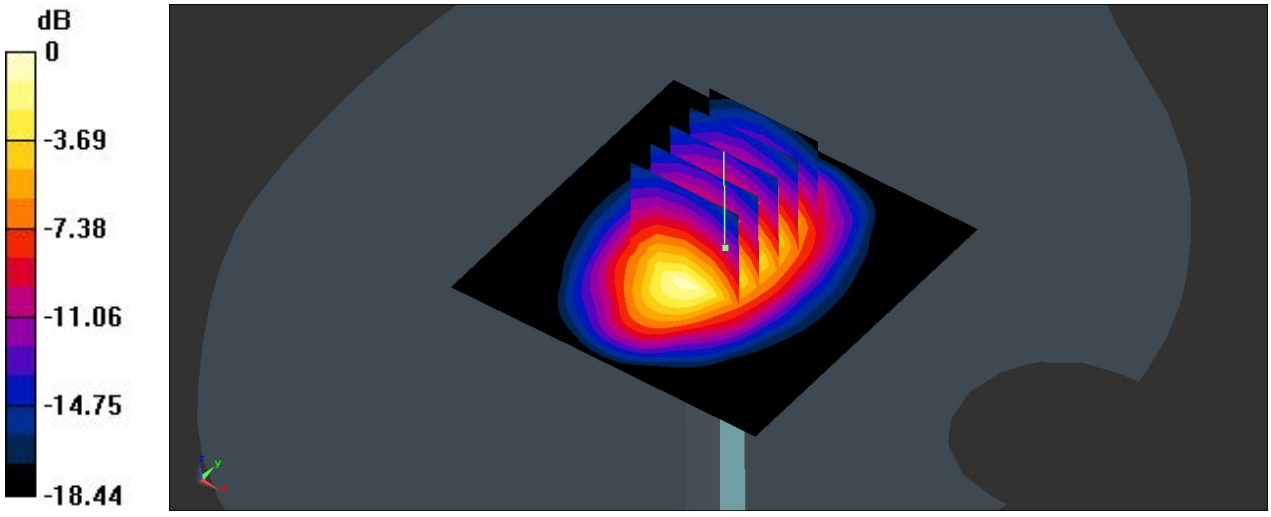
DUT: D1900V2 - SN: 5d170

Communication System: CW;Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130831 Medium parameters used: f = 1900 MHz; σ = 1.412 S/m; ε_r = 39.311; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 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 = 100.1 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 18.0 W/kg
SAR(1 g) = 9.85 W/kg; SAR(10 g) = 5.15 W/kg
Maximum value of SAR (measured) = 13.9 W/kg



0 dB = 13.9 W/kg

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

System Check_Head_2450MHz_130904

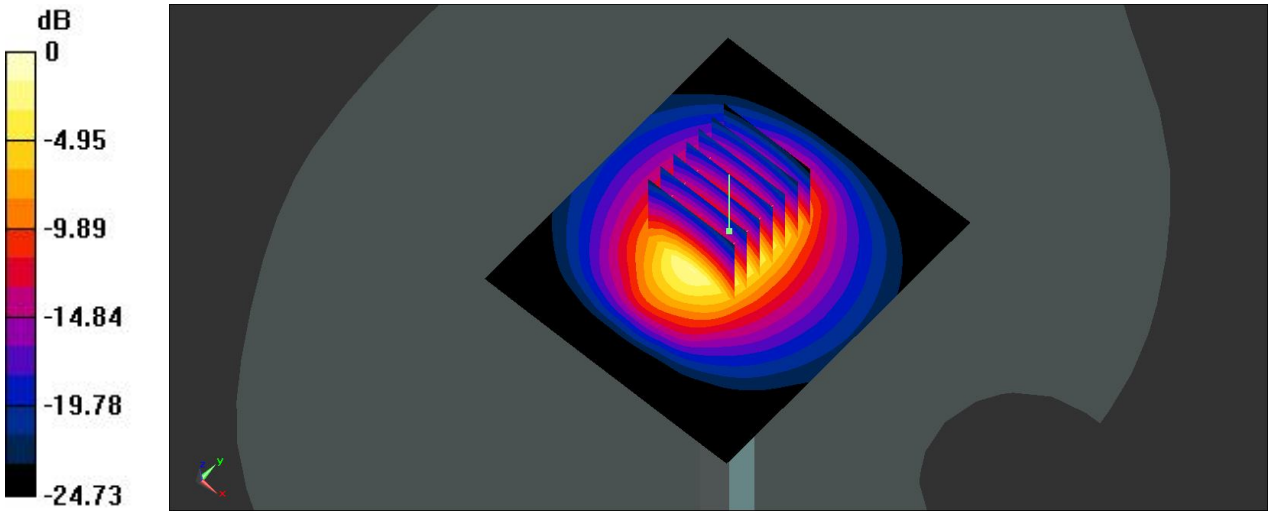
DUT: D2450V2 - SN: 908

Communication System: CW;Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130904 Medium parameters used: f = 2450 MHz; σ = 1.82 S/m; ε_r = 39.753; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

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

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 22.6 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 106.2 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 30.7 W/kg
SAR(1 g) = 14.1 W/kg; SAR(10 g) = 6.36 W/kg
Maximum value of SAR (measured) = 21.7 W/kg



0 dB = 21.7 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

System Check_Body_835MHz_130830

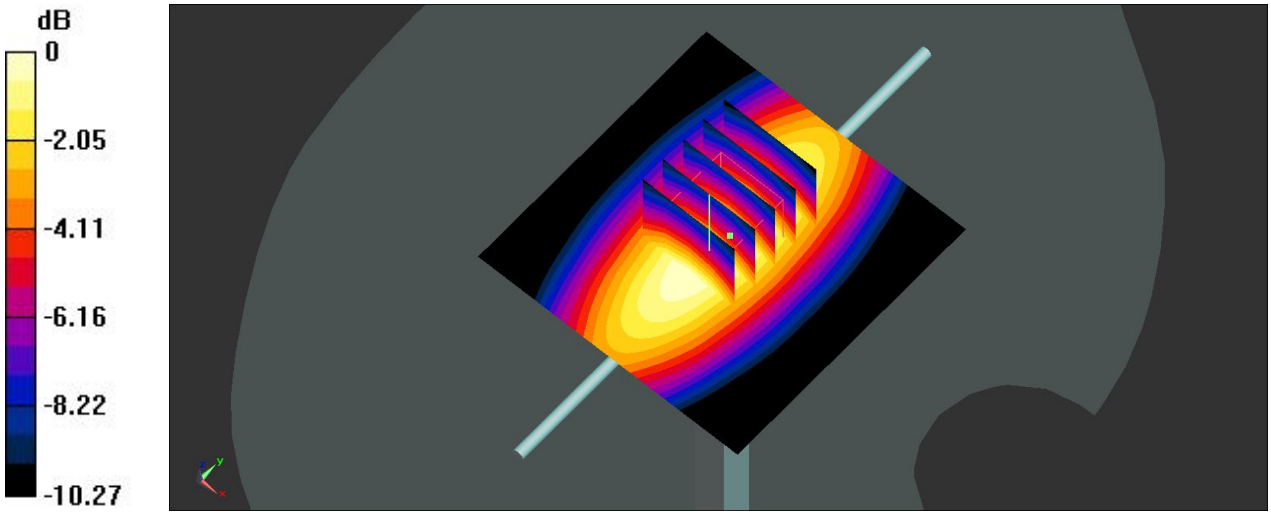
DUT: D835V2 - SN: 4d151

Communication System: CW;Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_130830 Medium parameters used: f = 835 MHz; σ = 0.977 S/m; ε_r = 54.379; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

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) = 3.03 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.209 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 3.51 W/kg
SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.6 W/kg
Maximum value of SAR (measured) = 3.01 W/kg



0 dB = 3.01 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

System Check_Body_1900MHz_130830

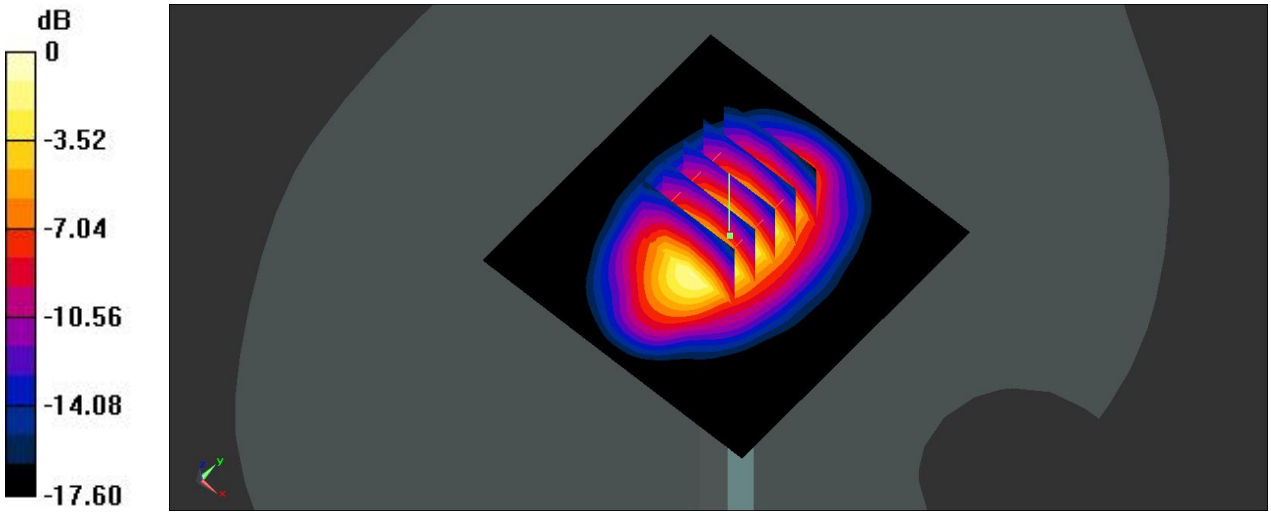
DUT: D1900V2 - SN: 5d170

Communication System: CW;Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130830 Medium parameters used: f = 1900 MHz; σ = 1.552 S/m; ε_r = 53.481; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 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) = 14.7 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 97.389 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 18.0 W/kg
SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.52 W/kg
Maximum value of SAR (measured) = 14.3 W/kg



0 dB = 14.3 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.05

System Check_Body_2450MHz_130905

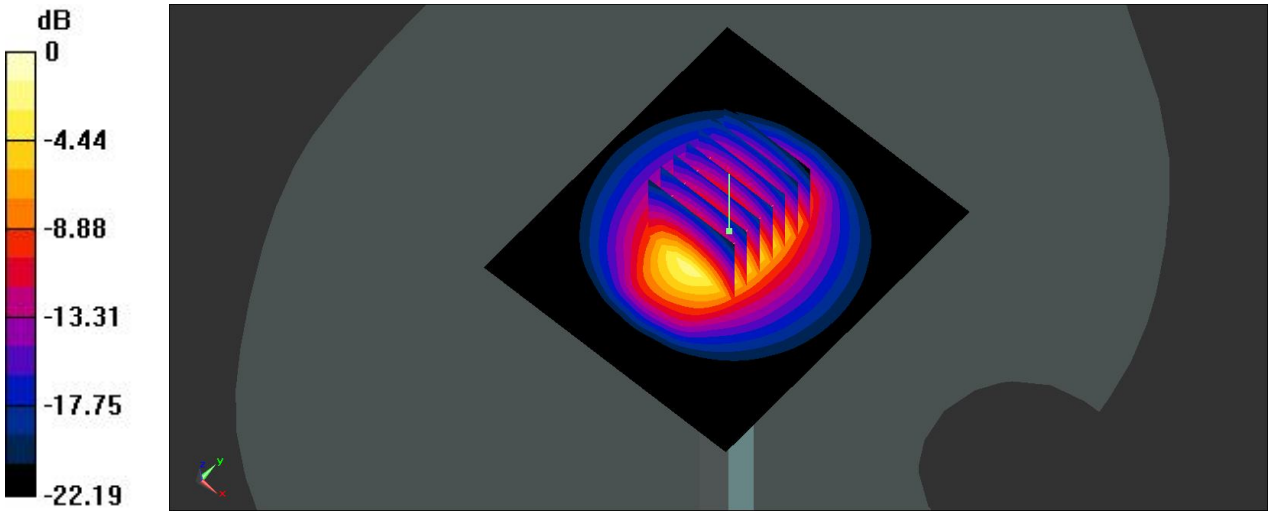
DUT: D2450V2 - SN: 908

Communication System: CW;Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130905 Medium parameters used: f = 2450 MHz; σ = 1.937 S/m; ε_r = 51.106; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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) = 19.3 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 99.467 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 25.7 W/kg
SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.81 W/kg
Maximum value of SAR (measured) = 19.0 W/kg



0 dB = 19.0 W/kg

Appendix B. Plots of SAR Measurement

The plots are shown as follows.

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.31

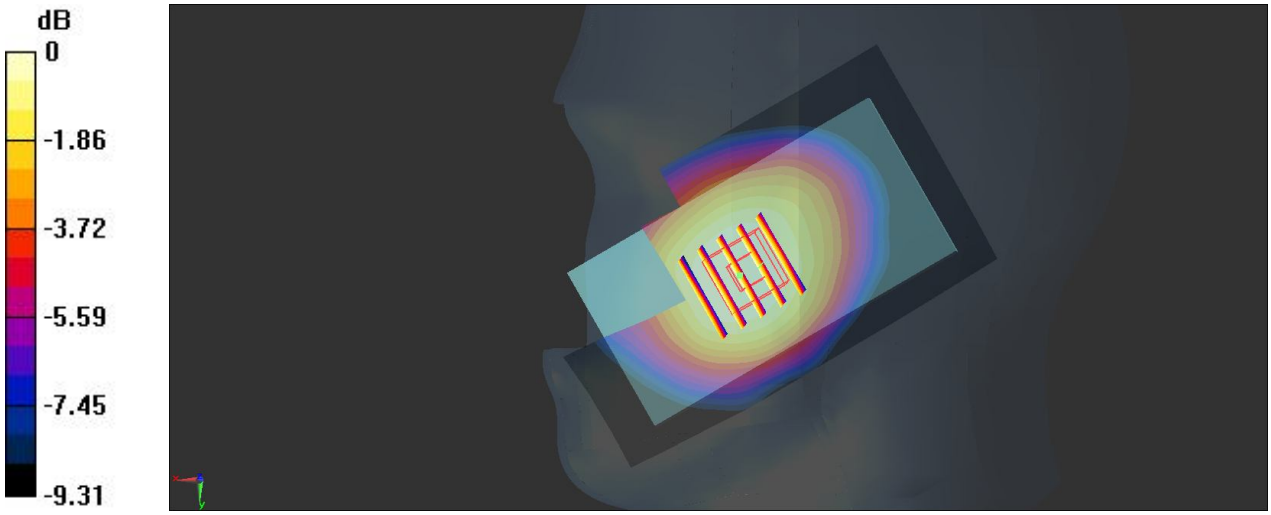
#47 GSM850_GSM Voice_Right Cheek_Ch251

Communication System: GSM Voice;Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130831 Medium parameters used: f = 849 MHz; σ = 0.933 S/m; ε_r = 42.075; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.5 ℃

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

Ch251/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.274 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.810 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.291 W/kg
SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.190 W/kg
Maximum value of SAR (measured) = 0.269 W/kg



0 dB = 0.269 W/kg

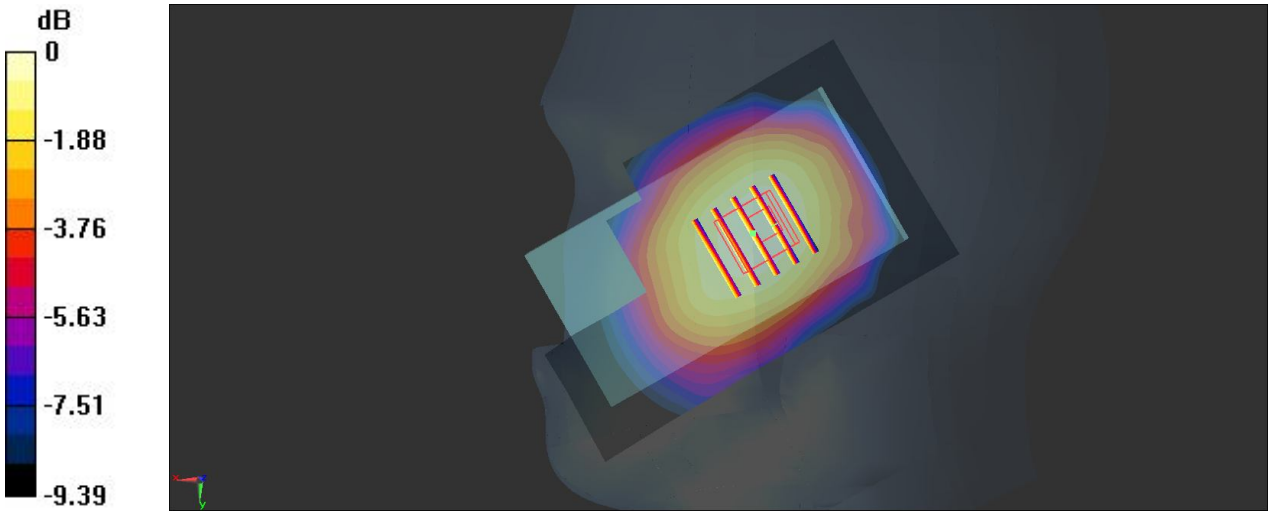
#48 GSM850_GSM Voice_Right Tilted_Ch251

Communication System: GSM Voice;Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130831 Medium parameters used: f = 849 MHz; σ = 0.933 S/m; ε_r = 42.075; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.5 ℃

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

Ch251/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.204 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.005 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.228 W/kg
SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.138 W/kg
Maximum value of SAR (measured) = 0.208 W/kg



0 dB = 0.208 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.31

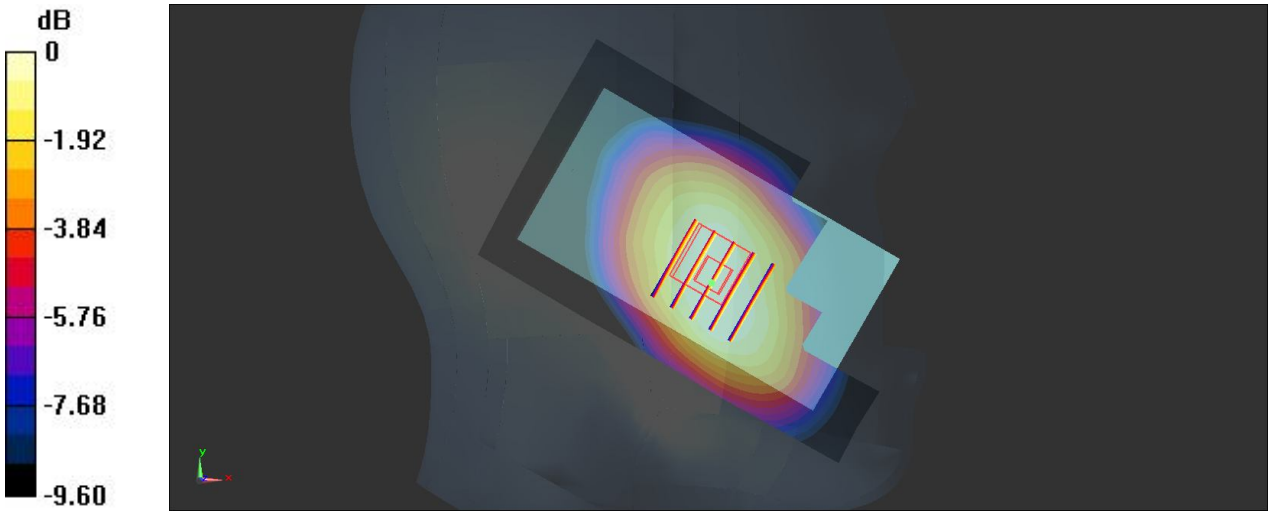
#49 GSM850_GSM Voice_Left Cheek_Ch251

Communication System: GSM Voice;Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130831 Medium parameters used: f = 849 MHz; σ = 0.933 S/m; ε_r = 42.075; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.5 ℃

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

Ch251/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.299 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.051 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.329 W/kg
SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.200 W/kg
Maximum value of SAR (measured) = 0.294 W/kg



0 dB = 0.294 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.31

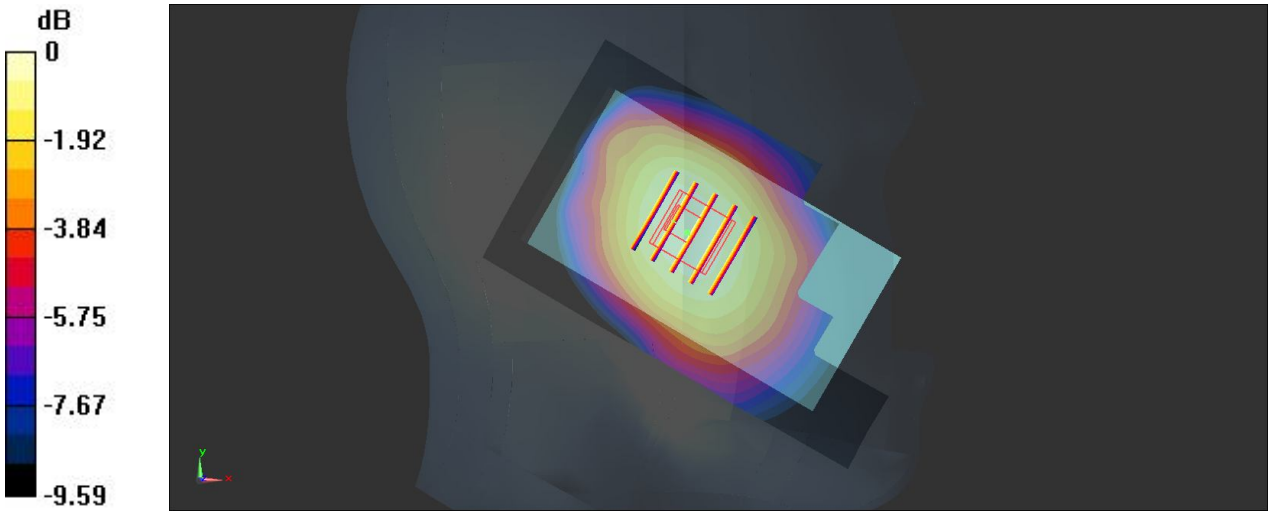
#50 GSM850_GSM Voice_Left Tilted_Ch251

Communication System: GSM Voice;Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130831 Medium parameters used: f = 849 MHz; σ = 0.933 S/m; ε_r = 42.075; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.5 ℃

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

Ch251/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.201 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.293 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.222 W/kg
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.138 W/kg
Maximum value of SAR (measured) = 0.205 W/kg



0 dB = 0.205 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.31

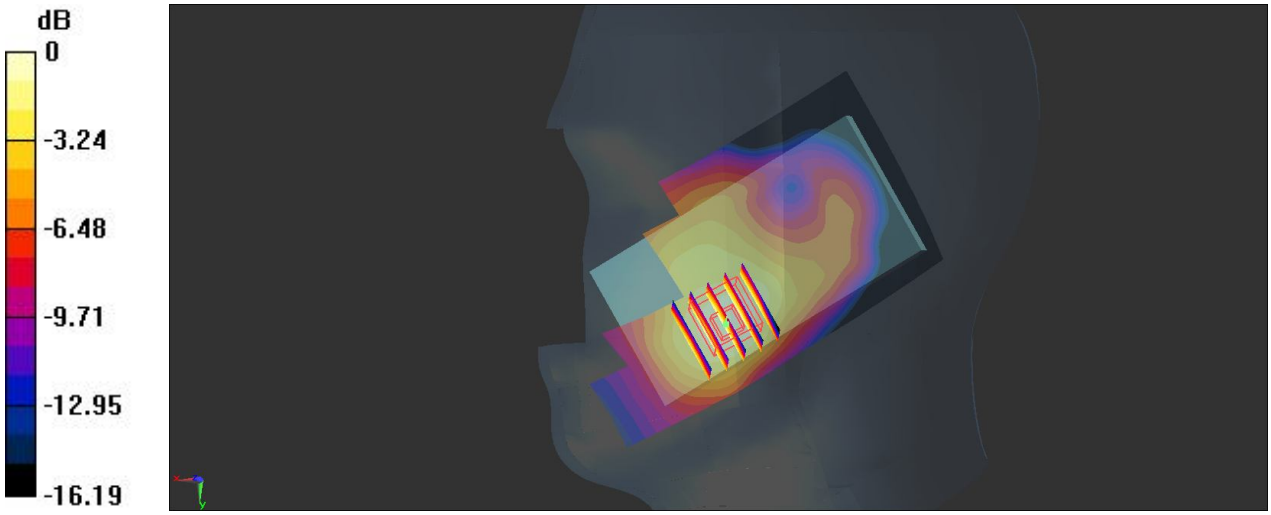
#39 GSM1900_GSM Voice_Right Cheek_Ch512

Communication System: GSM Voice;Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130831 Medium parameters used: f = 1850.2 MHz; σ = 1.351 S/m; ε_r = 39.39; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 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) = 0.322 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.202 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.374 W/kg
SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.164 W/kg
Maximum value of SAR (measured) = 0.322 W/kg



0 dB = 0.322 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.31

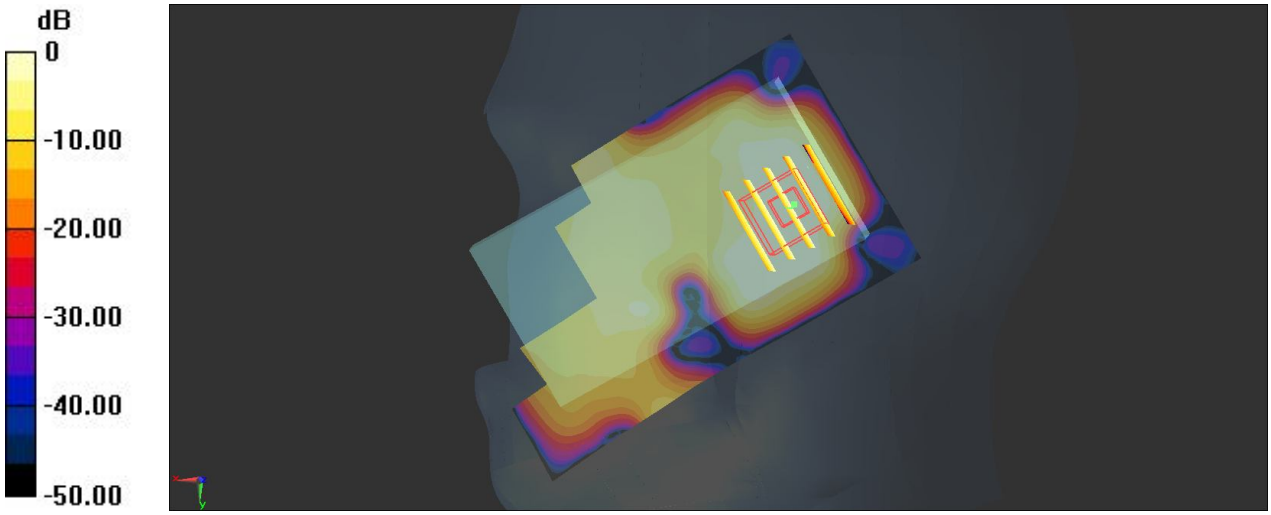
#40 GSM1900_GSM Voice_Right Tilted_Ch512

Communication System: GSM Voice;Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130831 Medium parameters used: f = 1850.2 MHz; σ = 1.351 S/m; ε_r = 39.39; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 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) = 0.173 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.754 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.167 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.062 W/kg
Maximum value of SAR (measured) = 0.142 W/kg



0 dB = 0.142 W/kg = -8.48 dBW/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.31

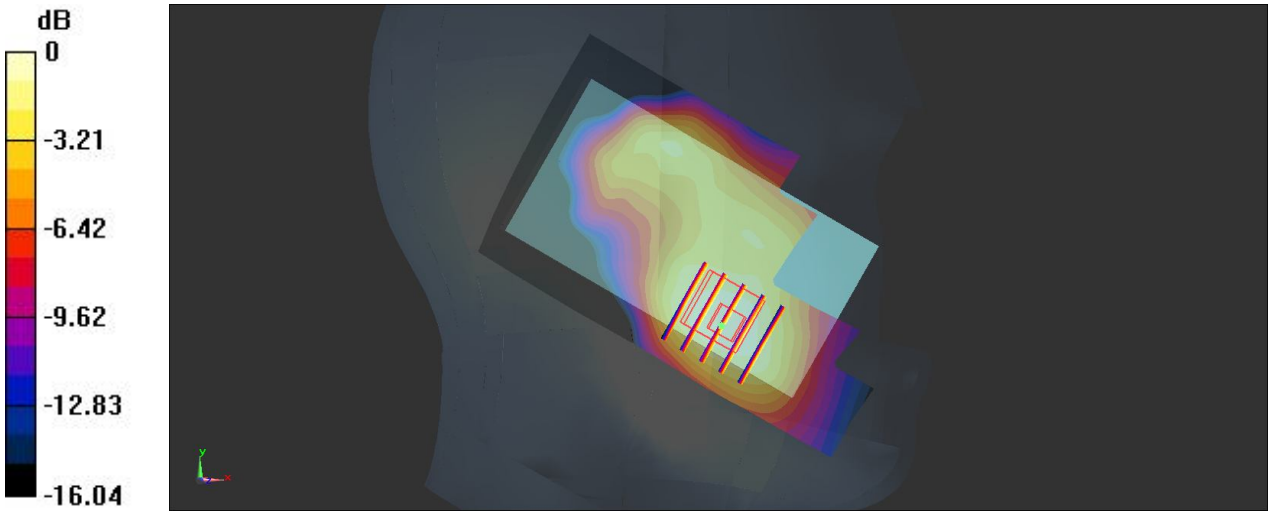
#41 GSM1900_GSM Voice_Left Cheek_Ch512

Communication System: GSM Voice;Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130831 Medium parameters used: f = 1850.2 MHz; σ = 1.351 S/m; ε_r = 39.39; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 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) = 0.353 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.489 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.173 W/kg
Maximum value of SAR (measured) = 0.362 W/kg



0 dB = 0.362 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.31

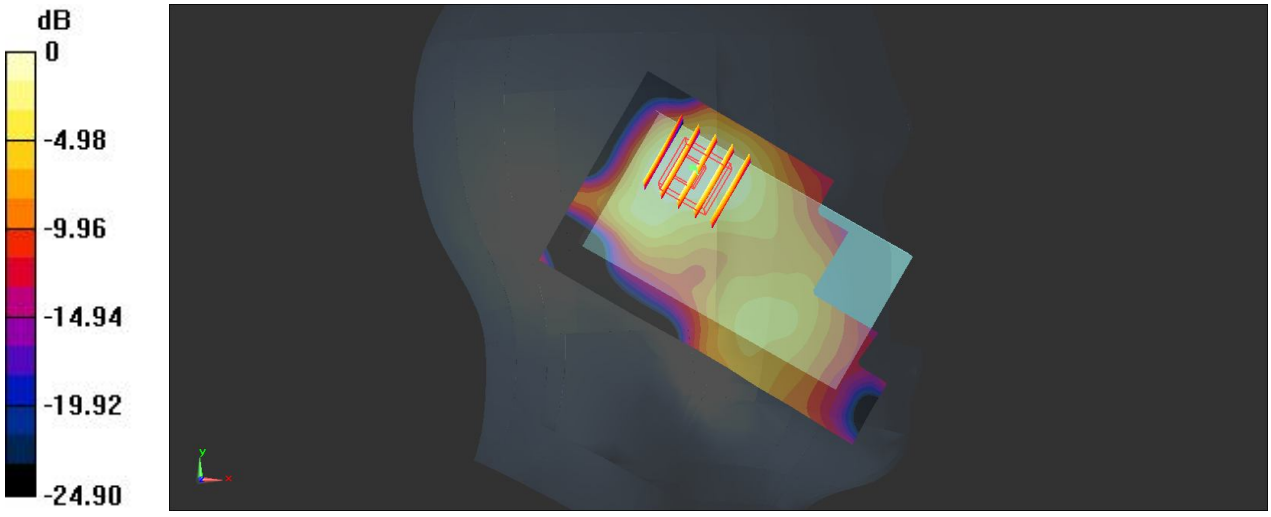
#42 GSM1900_GSM Voice_Left Tilted_Ch512

Communication System: GSM Voice;Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130831 Medium parameters used: f = 1850.2 MHz; σ = 1.351 S/m; ε_r = 39.39; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 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) = 0.211 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.296 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.226 W/kg
SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.090 W/kg
Maximum value of SAR (measured) = 0.186 W/kg



0 dB = 0.186 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.31

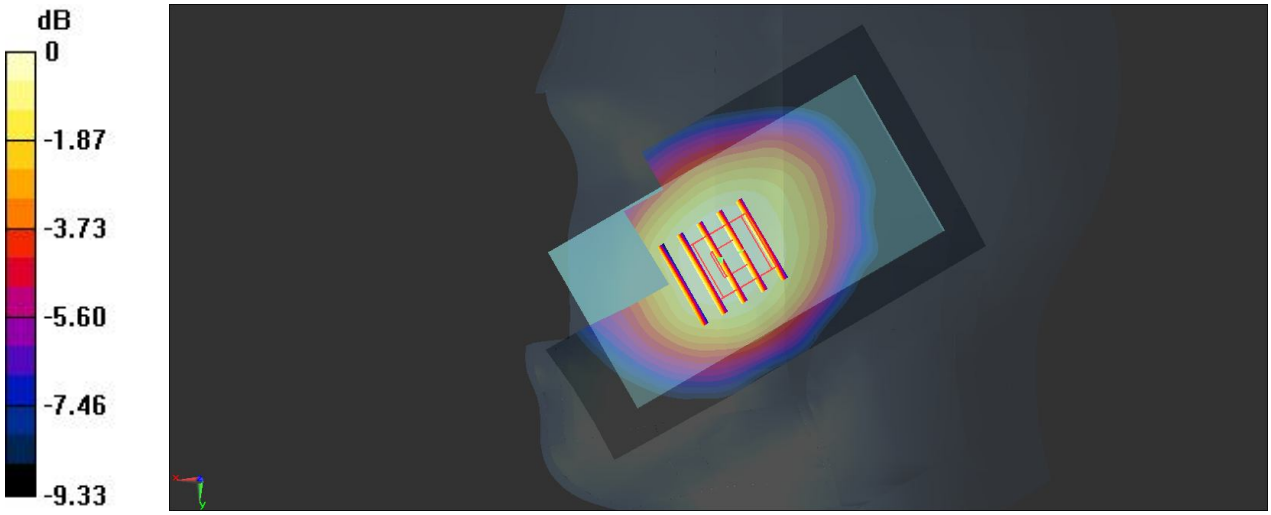
#51 WCDMA Band V_RMC 12.2K_Right Cheek_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130831 Medium parameters used: f = 836.4 MHz; σ = 0.921 S/m; ε_r = 42.219; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.5 ℃

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

Ch4182/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.219 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.289 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.154 W/kg
Maximum value of SAR (measured) = 0.219 W/kg



0 dB = 0.219 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.31

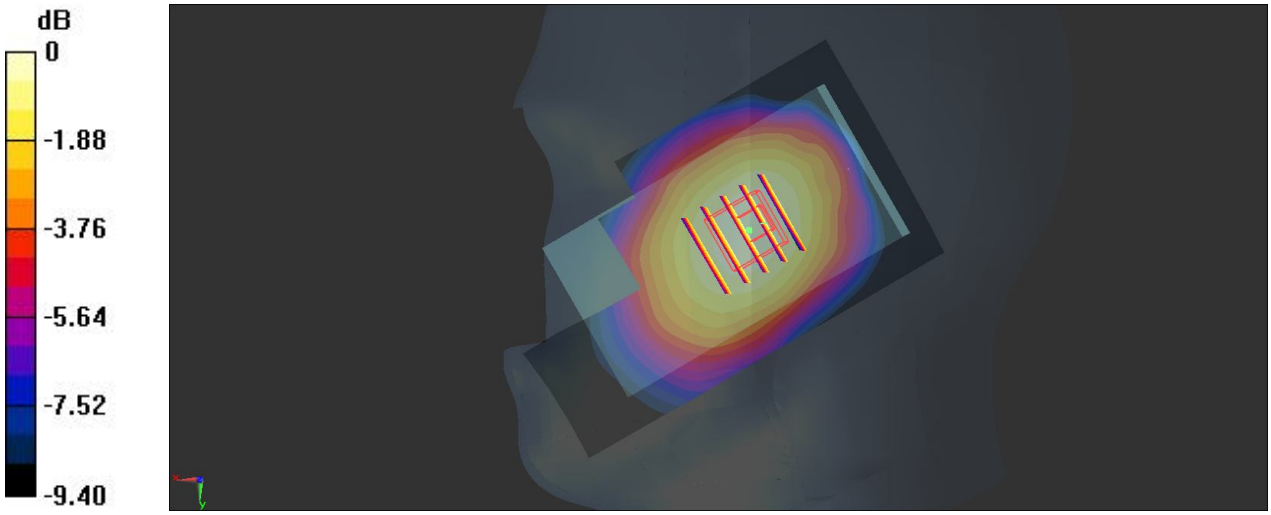
#52 WCDMA Band V_RMC 12.2K_Right Tilted_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130831 Medium parameters used: f = 836.4 MHz; σ = 0.921 S/m; ε_r = 42.219; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.5 ℃

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

Ch4182/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.163 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.126 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.182 W/kg
SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.167 W/kg



0 dB = 0.167 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.31

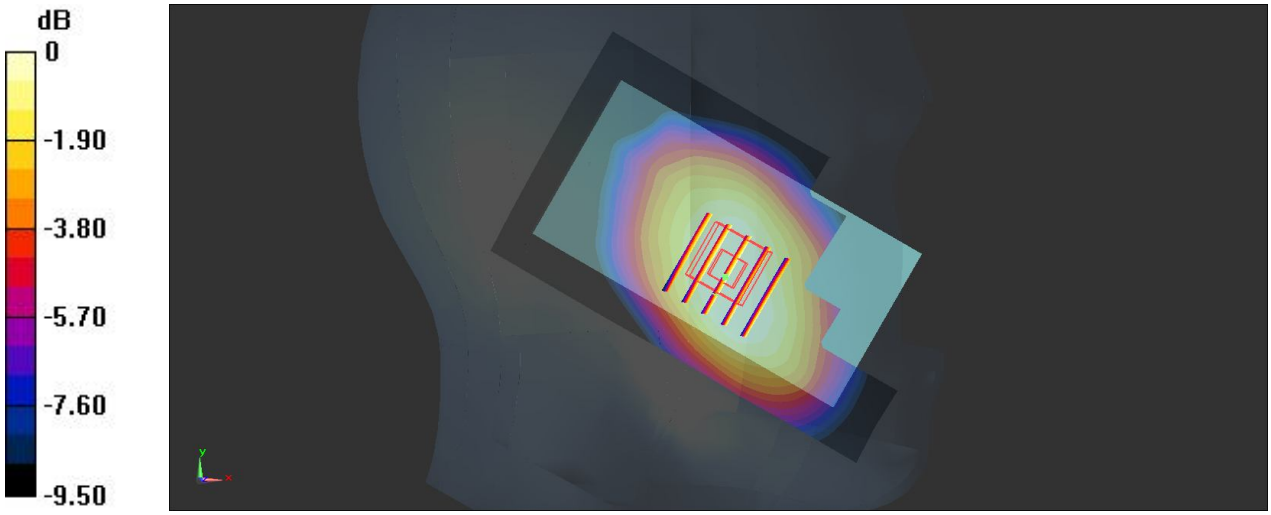
#53 WCDMA Band V_RMC 12.2K_Left Cheek_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130831 Medium parameters used: f = 836.4 MHz; σ = 0.921 S/m; ε_r = 42.219; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.5 ℃

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

Ch4182/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.246 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.367 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.164 W/kg
Maximum value of SAR (measured) = 0.239 W/kg



0 dB = 0.239 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.31

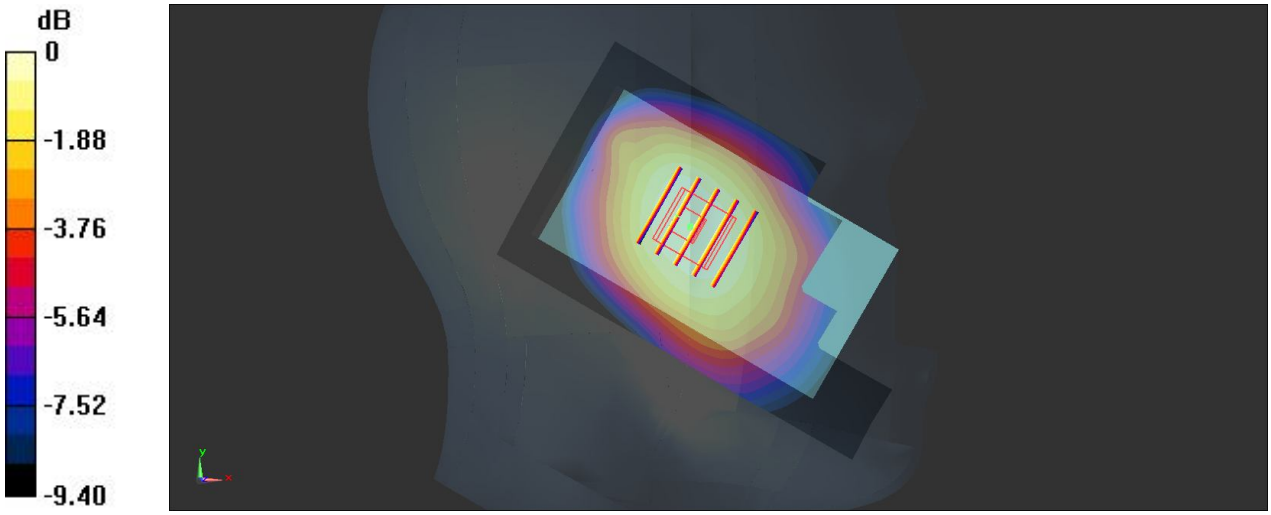
#54 WCDMA Band V_RMC 12.2K_Left Tilted_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130831 Medium parameters used: f = 836.4 MHz; σ = 0.921 S/m; ε_r = 42.219; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.5 ℃

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

Ch4182/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.179 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.629 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.192 W/kg
SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.121 W/kg
Maximum value of SAR (measured) = 0.177 W/kg



0 dB = 0.177 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.31

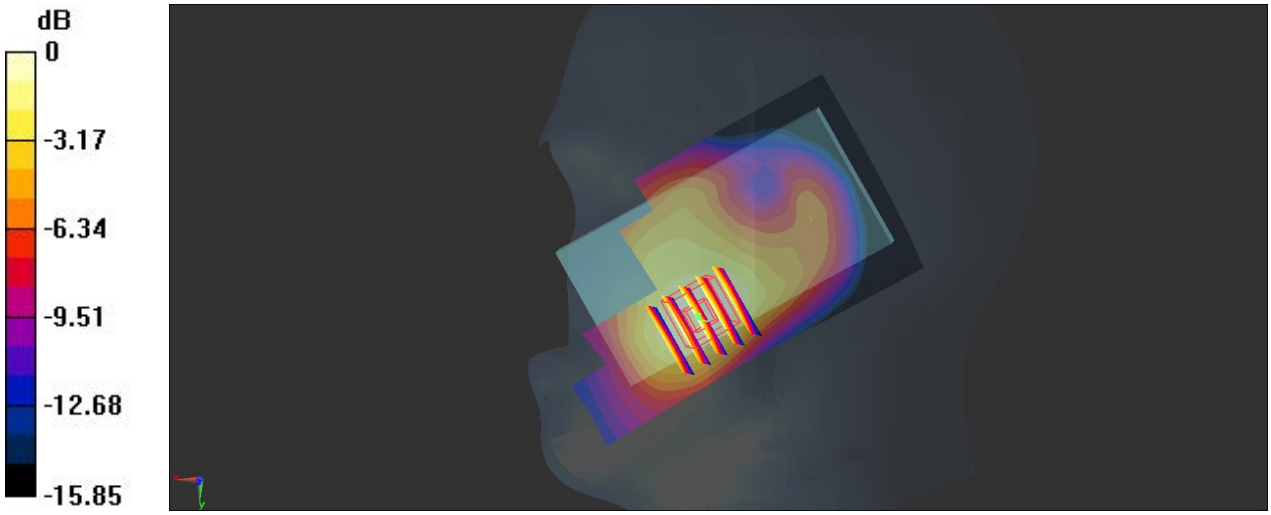
#43 WCDMA Band II_RMC 12.2K_Right Cheek_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130831 Medium parameters used: f = 1852.4 MHz; σ = 1.353 S/m; ε_r = 39.378; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.6 ℃

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

Ch9262/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.633 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.588 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.710 W/kg
SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.322 W/kg
Maximum value of SAR (measured) = 0.616 W/kg



0 dB = 0.616 W/kg

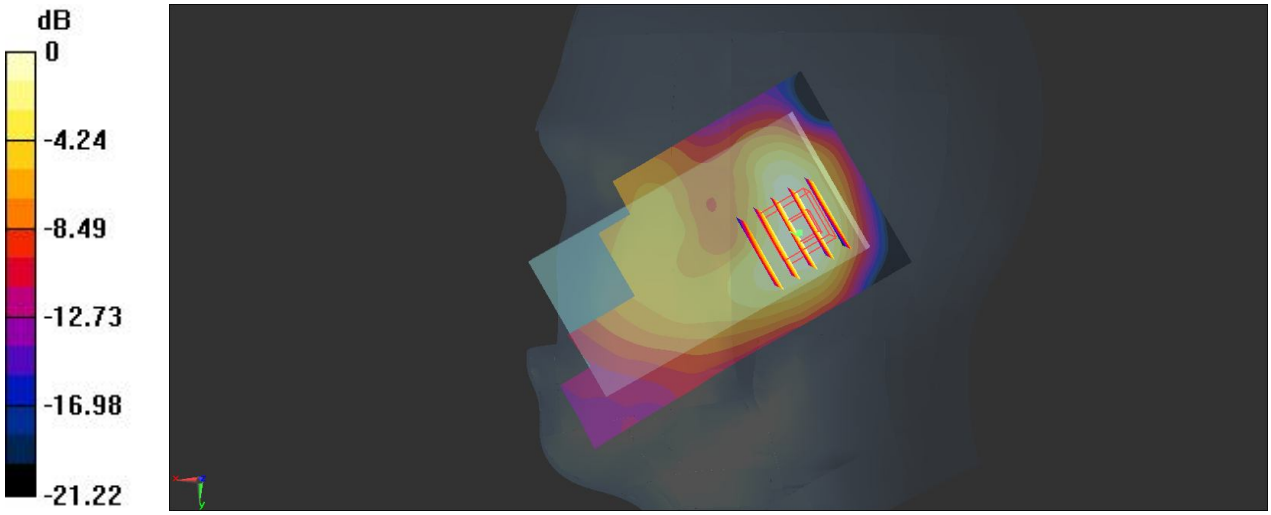
#44 WCDMA Band II_RMC 12.2K_Right Tilted_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130831 Medium parameters used: f = 1852.4 MHz; σ = 1.353 S/m; ε_r = 39.378; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.6 ℃

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

Ch9262/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.308 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.102 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.354 W/kg
SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.137 W/kg
Maximum value of SAR (measured) = 0.279 W/kg



0 dB = 0.279 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.31

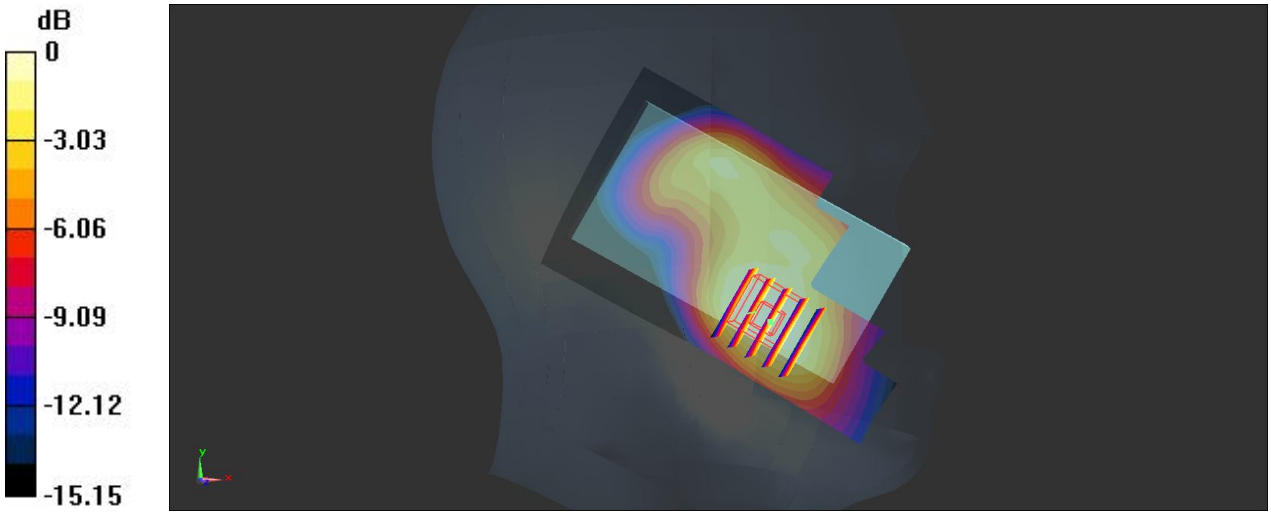
#45 WCDMA Band II_RMC 12.2K_Left Cheek_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130831 Medium parameters used: f = 1852.4 MHz; σ = 1.353 S/m; ε_r = 39.378; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.6 ℃

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

Ch9262/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.725 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.711 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.851 W/kg
SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.372 W/kg
Maximum value of SAR (measured) = 0.725 W/kg



0 dB = 0.725 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.31

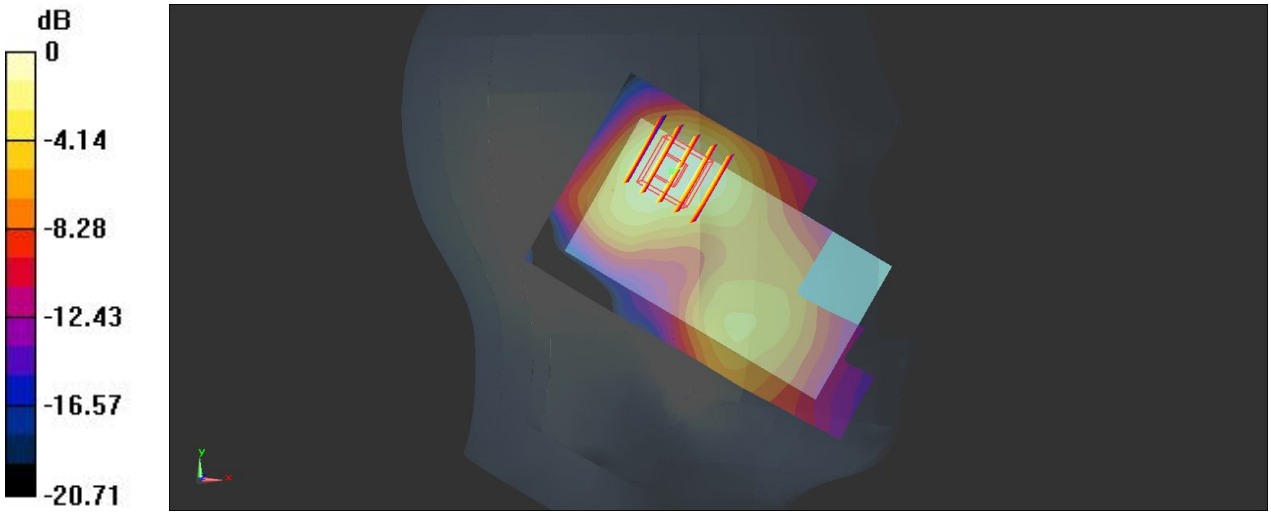
#46 WCDMA Band II_RMC 12.2K_Left Tilted_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130831 Medium parameters used: f = 1852.4 MHz; σ = 1.353 S/m; ε_r = 39.378; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.6 ℃

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

Ch9262/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.437 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.509 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.477 W/kg
SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.198 W/kg
Maximum value of SAR (measured) = 0.402 W/kg



0 dB = 0.402 W/kg

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

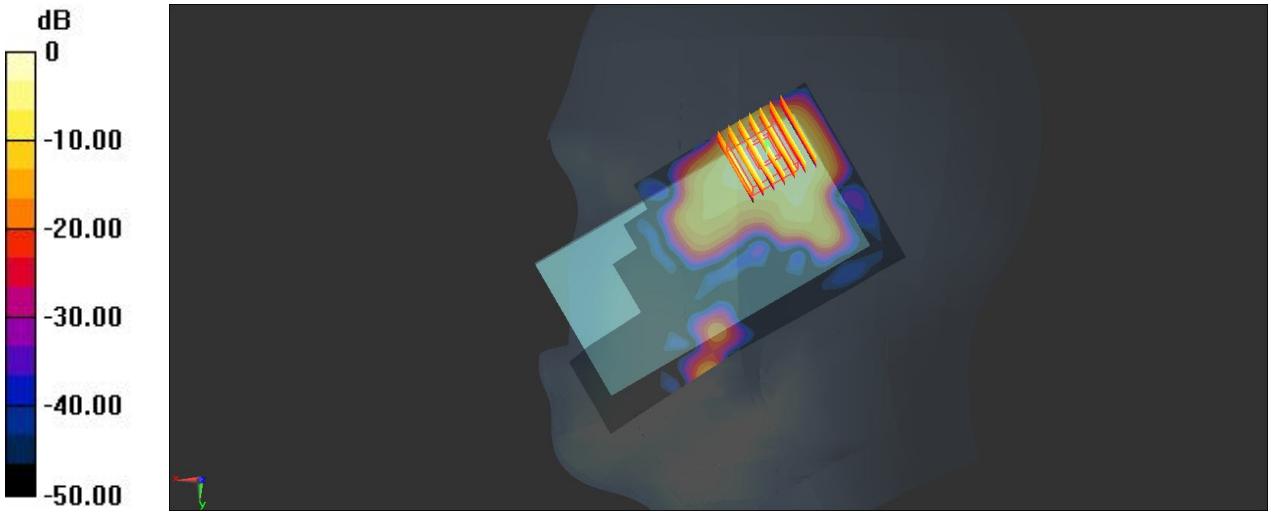
#55 WLAN 2.4GHz_802.11b_Right Cheek_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130904 Medium parameters used: f = 2412 MHz; σ = 1.777 S/m; ε_r = 39.891; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

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

Ch1/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.425 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.291 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg

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

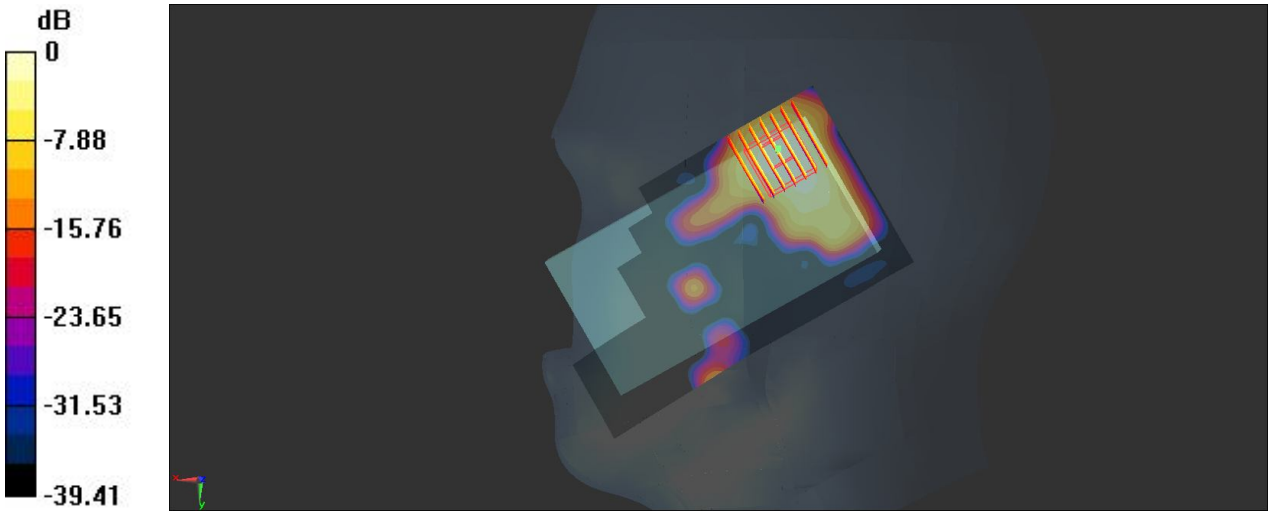
#56 WLAN 2.4GHz_802.11b_Right Tilted_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130904 Medium parameters used: f = 2412 MHz; σ = 1.777 S/m; ε_r = 39.891; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

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

Ch1/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.574 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.711 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.797 W/kg
SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.163 W/kg
Maximum value of SAR (measured) = 0.599 W/kg



0 dB = 0.599 W/kg

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

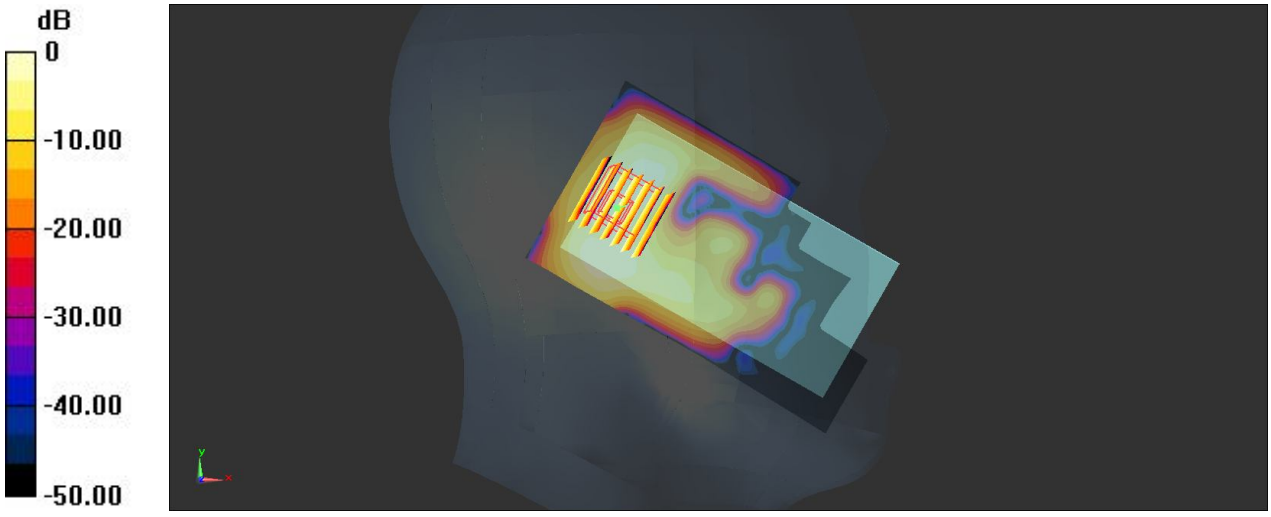
#57 WLAN 2.4GHz_802.11b_Left Cheek_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130904 Medium parameters used: f = 2412 MHz; σ = 1.777 S/m; ε_r = 39.891; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

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

Ch1/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.335 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.346 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.461 W/kg
SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 0.342 W/kg



0 dB = 0.342 W/kg

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

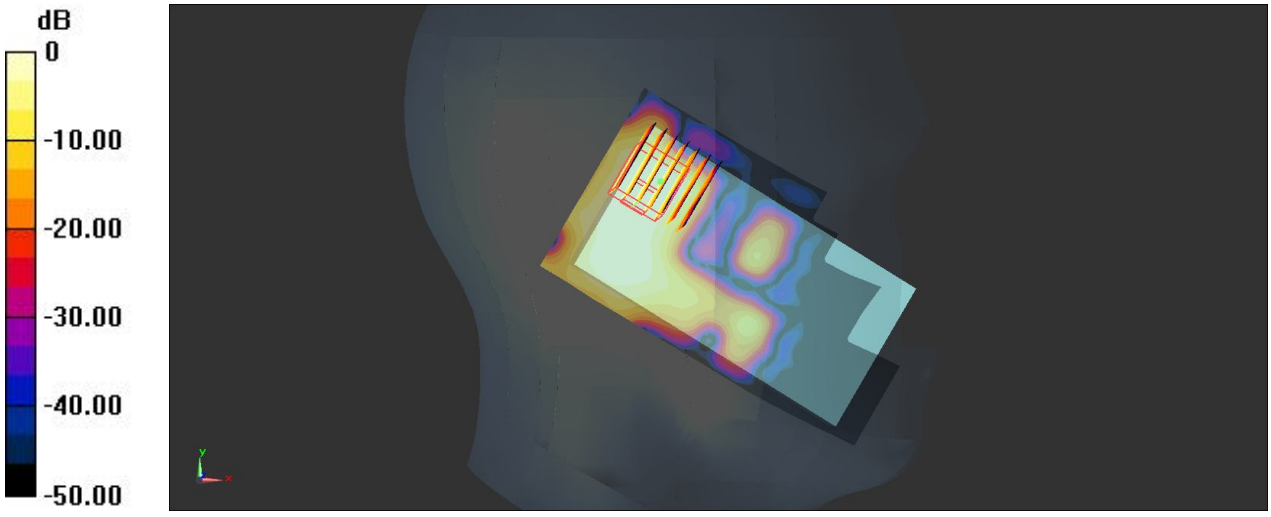
#58 WLAN 2.4GHz_802.11b_Left Tilted_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130904 Medium parameters used: f = 2412 MHz; σ = 1.777 S/m; ε_r = 39.891; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

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

Ch1/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.272 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.689 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.789 W/kg
SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.062 W/kg
Maximum value of SAR (measured) = 0.242 W/kg



0 dB = 0.242 W/kg

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

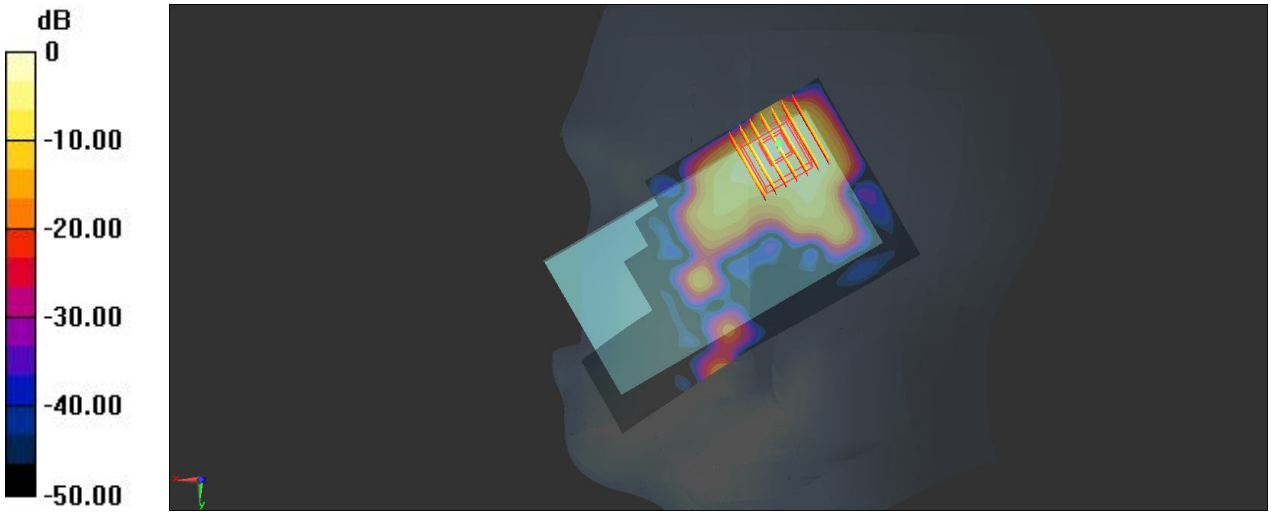
#59 WLAN 2.4GHz_802.11b_Right Cheek_Ch6

Communication System: 802.11b ;Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130904 Medium parameters used: f = 2437 MHz; σ = 1.805 S/m; ε_r = 39.8; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

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

Ch6/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.902 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.315 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: 2013.09.04

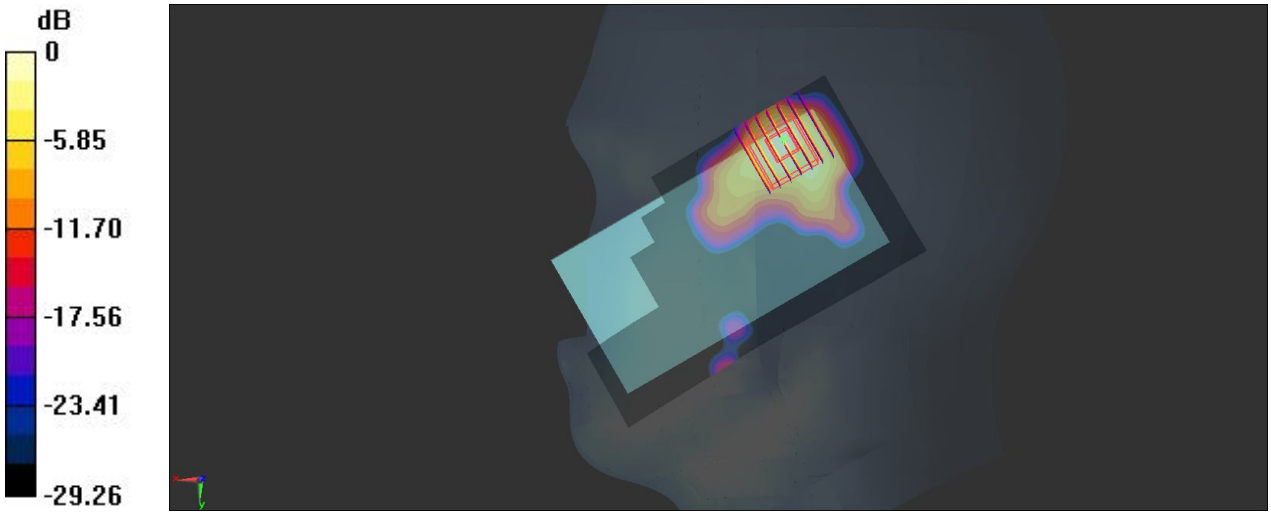
#60 WLAN 2.4GHz_802.11b_Right Cheek_Ch11

Communication System: 802.11b ;Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130904 Medium parameters used: f = 2462 MHz; σ = 1.833 S/m; ε_r = 39.712; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

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

Ch11/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.26 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.503 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.334 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: 2013.09.04

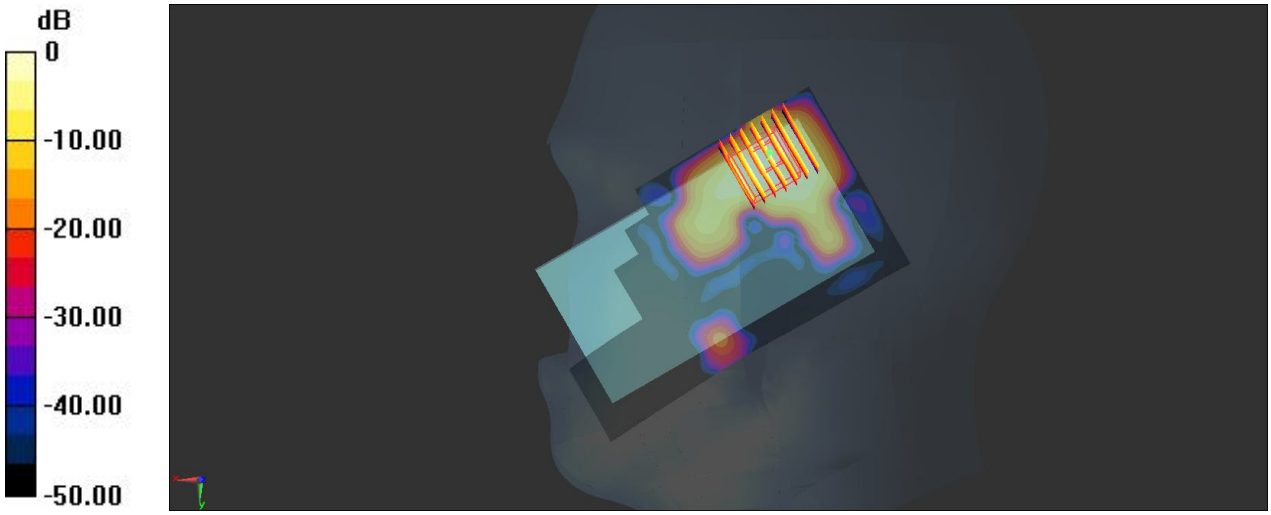
#61 WLAN 2.4GHz_802.11b_Right Cheek_Ch11

Communication System: 802.11b ;Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130904 Medium parameters used: f = 2462 MHz; σ = 1.833 S/m; ε_r = 39.712; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

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

Ch11/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.32 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.416 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 0.832 W/kg; SAR(10 g) = 0.320 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: 2013.08.30

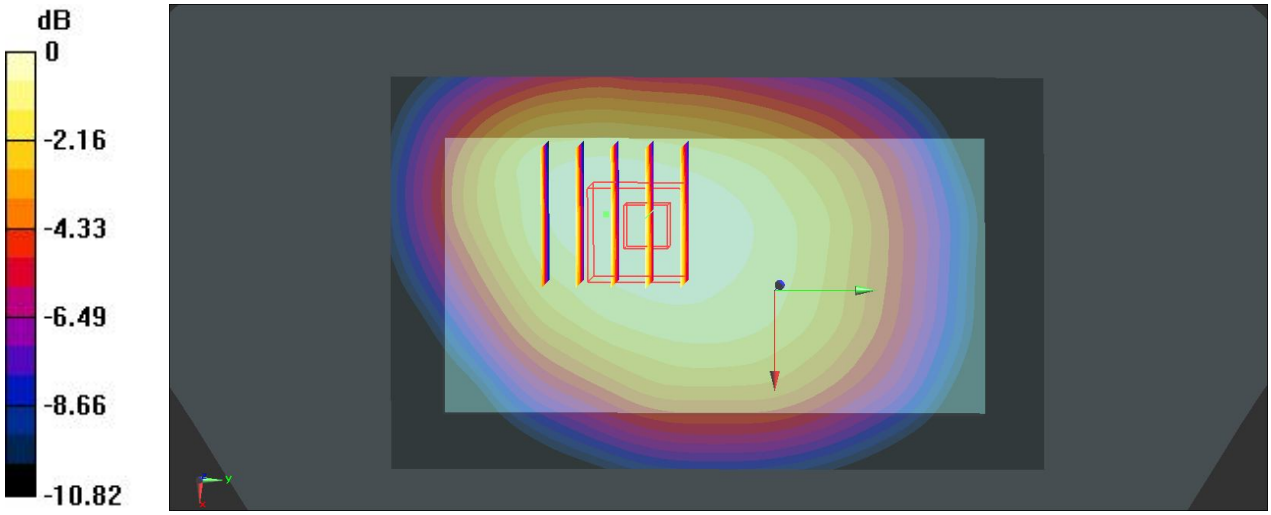
#15 GSM850_GPRS (GMSK 4 Tx slots)_Front_1cm_Ch251

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130830 Medium parameters used: f = 849 MHz; σ = 0.989 S/m; ε_r = 54.26; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

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 (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.737 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.447 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.814 W/kg
SAR(1 g) = 0.630 W/kg; SAR(10 g) = 0.473 W/kg
Maximum value of SAR (measured) = 0.735 W/kg



0 dB = 0.735 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

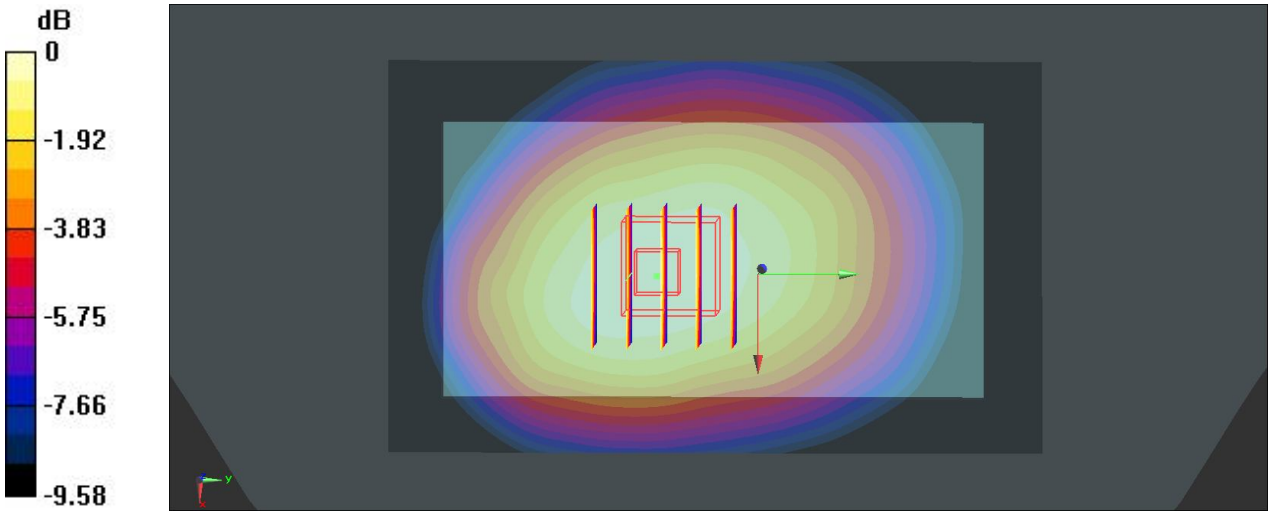
#16 GSM850_GPRS (GMSK 4 Tx slots)_Back_1cm_Ch251

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130830 Medium parameters used: f = 849 MHz; σ = 0.989 S/m; ε_r = 54.26; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

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 (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.27 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.714 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 1.080 W/kg; SAR(10 g) = 0.814 W/kg
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

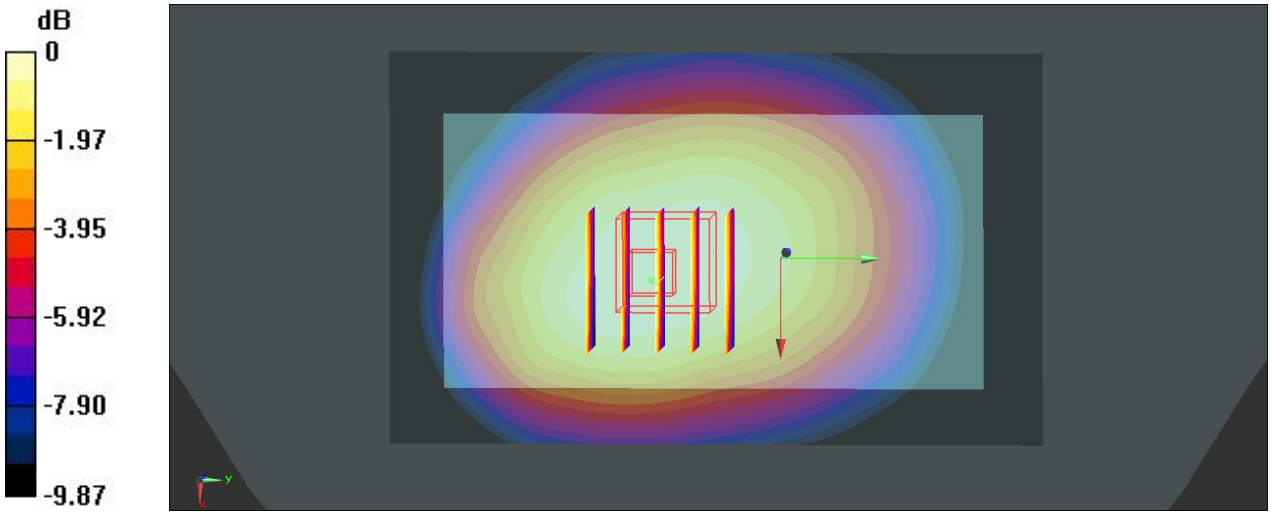
#26 GSM850_GPRS (GMSK 4 Tx slots)_Back_1cm_Ch251_Repeat SAR

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130830 Medium parameters used: f = 849 MHz; σ = 0.989 S/m; ε_r = 54.26; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

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 (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.27 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.492 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 1.060 W/kg; SAR(10 g) = 0.794 W/kg
Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg

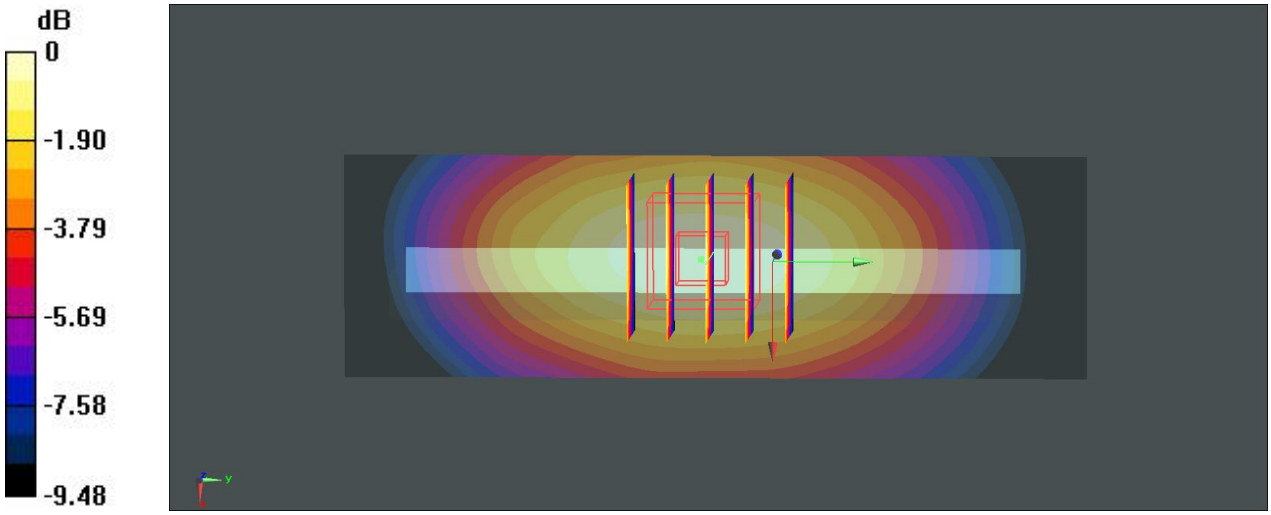
#17 GSM850_GPRS (GMSK 4 Tx slots)_Left side_1cm_Ch251

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130830 Medium parameters used: f = 849 MHz; σ = 0.989 S/m; ε_r = 54.26; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

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 (101x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.855 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.486 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.985 W/kg
SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.499 W/kg
Maximum value of SAR (measured) = 0.865 W/kg



0 dB = 0.865 W/kg

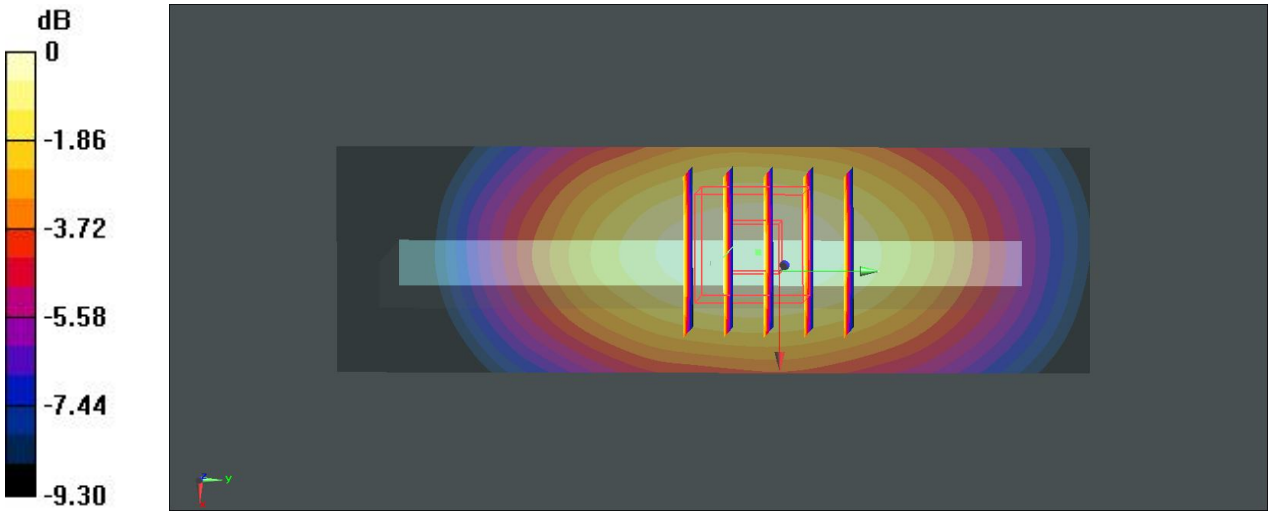
#18 GSM850_GPRS (GMSK 4 Tx slots)_Right side_1cm_Ch251

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130830 Medium parameters used: f = 849 MHz; σ = 0.989 S/m; ε_r = 54.26; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

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 (101x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.782 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.191 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.891 W/kg
SAR(1 g) = 0.648 W/kg; SAR(10 g) = 0.457 W/kg
Maximum value of SAR (measured) = 0.777 W/kg



0 dB = 0.777 W/kg

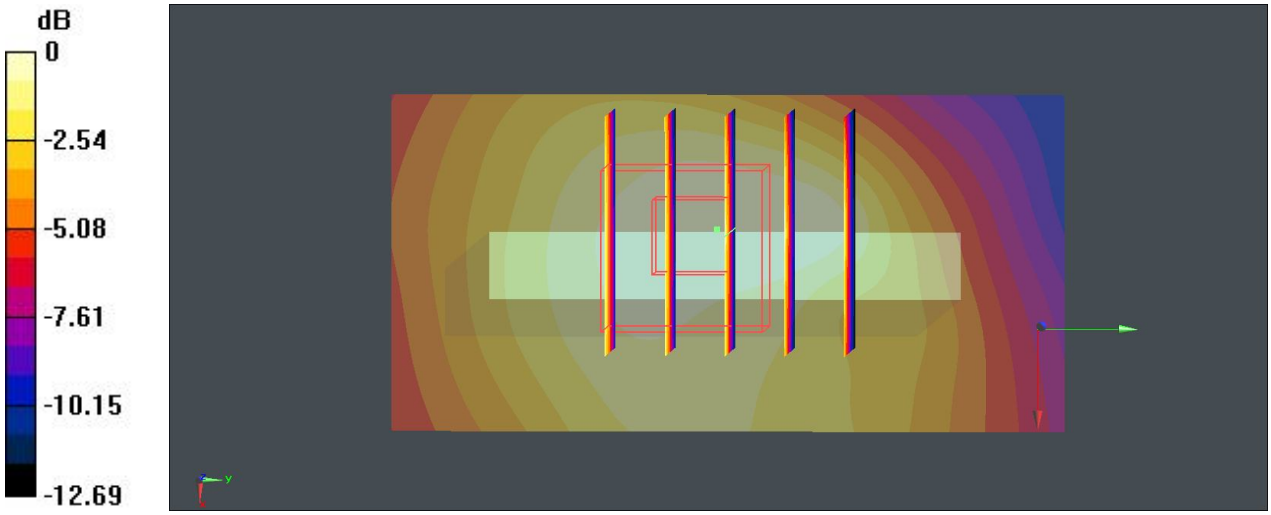
#19 GSM850_GPRS (GMSK 4 Tx slots)_Bottom side_1cm_Ch251

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130830 Medium parameters used: f = 849 MHz; σ = 0.989 S/m; ε_r = 54.26; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

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 (61x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0800 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.659 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.0950 W/kg
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.0755 W/kg



0 dB = 0.0755 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

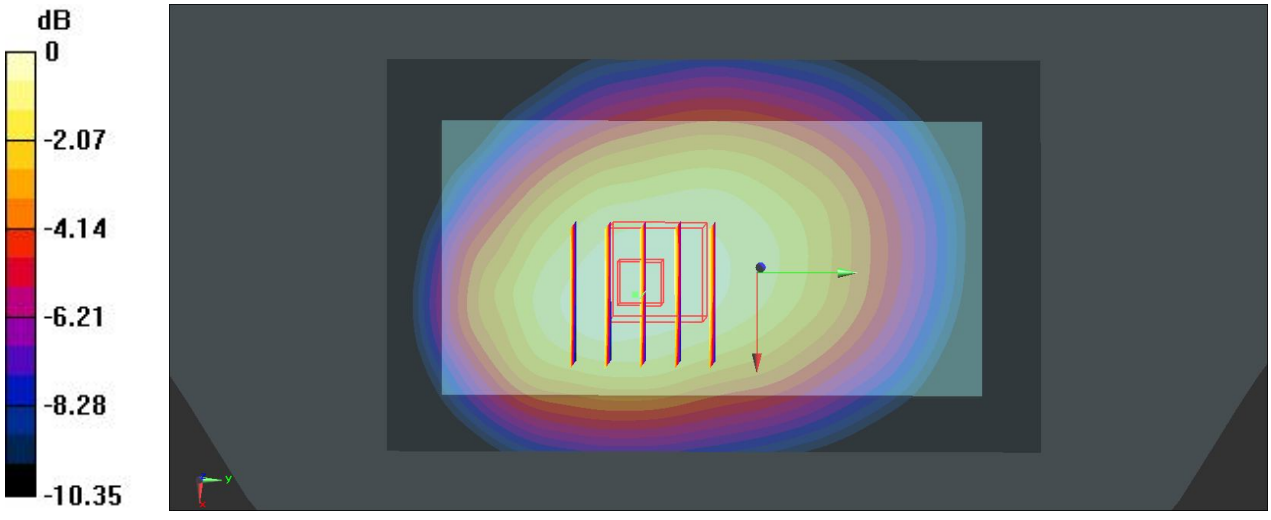
#20 GSM850_GPRS (GMSK 4 Tx slots)_Back_1cm_Ch128

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130830 Medium parameters used: f = 824.2 MHz; σ = 0.967 S/m; ε_r = 54.462; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

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 (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.890 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.237 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.995 W/kg
SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.567 W/kg
Maximum value of SAR (measured) = 0.893 W/kg



0 dB = 0.893 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

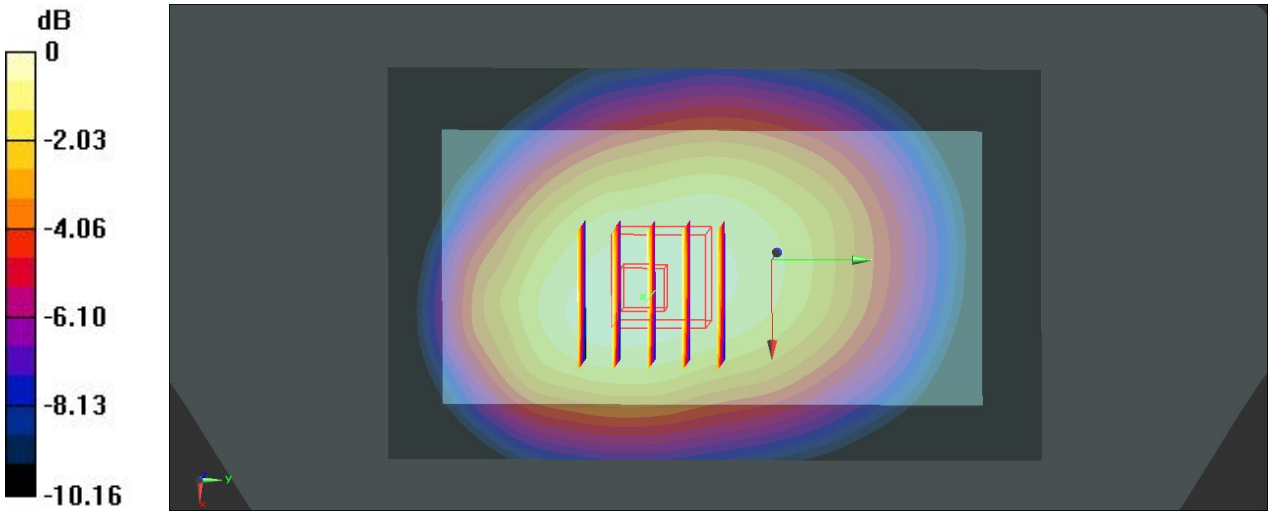
#21 GSM850_GPRS (GMSK 4 Tx slots)_Back_1cm_Ch189

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_130830 Medium parameters used: f = 836.4 MHz; σ = 0.978 S/m; ε_r = 54.371; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

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

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.929 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.680 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: 2013.08.30

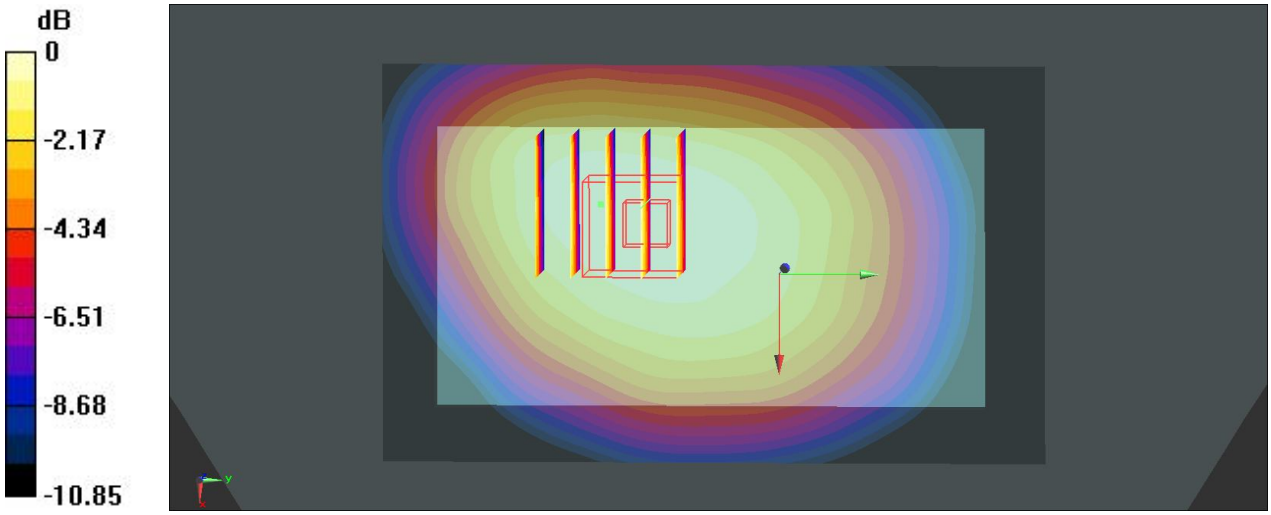
#22 GSM850_GSM Voice_Front_1cm_Ch251

Communication System: GSM Voice;Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_130830 Medium parameters used: f = 849 MHz; σ = 0.989 S/m; ε_r = 54.26; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

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 (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.523 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.806 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.583 W/kg
SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.339 W/kg
Maximum value of SAR (measured) = 0.524 W/kg



0 dB = 0.524 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

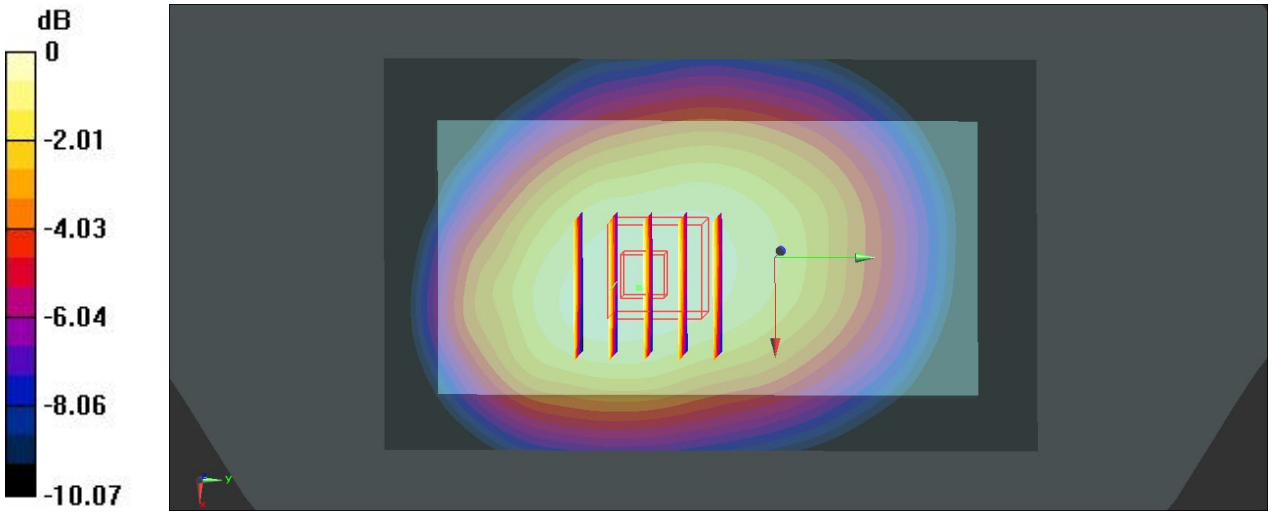
#23 GSM850_GSM Voice_Back_1cm_Ch251

Communication System: GSM Voice;Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_130830 Medium parameters used: f = 849 MHz; σ = 0.989 S/m; ε_r = 54.26; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

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 (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.862 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.729 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.960 W/kg
SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.552 W/kg
Maximum value of SAR (measured) = 0.851 W/kg



0 dB = 0.851 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

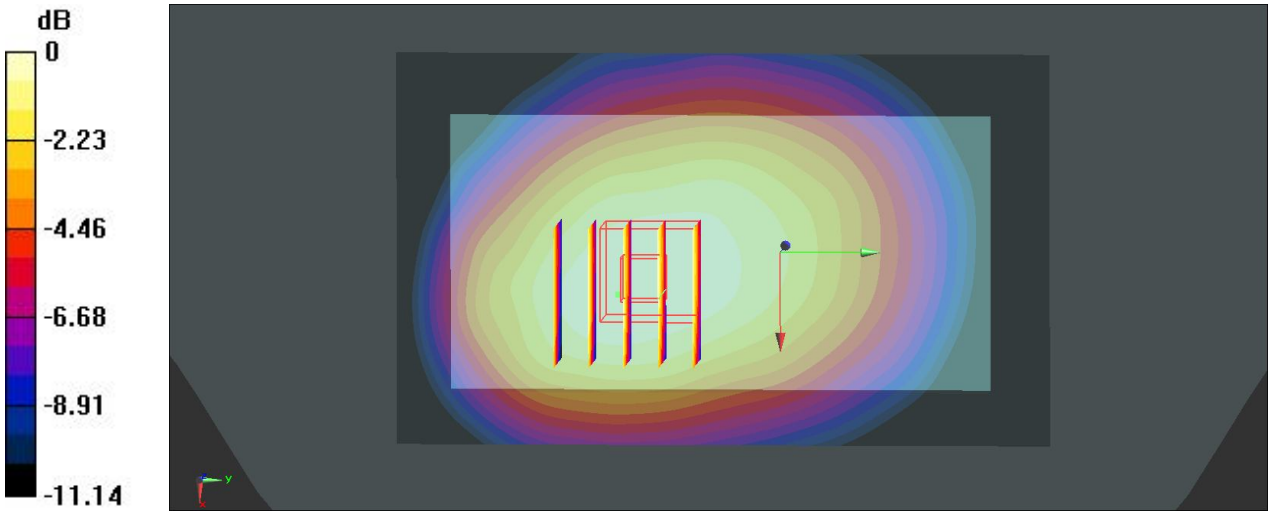
#24 GSM850_GSM Voice_Back_1cm_Ch128

Communication System: GSM Voice;Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_130830 Medium parameters used: f = 824.2 MHz; σ = 0.967 S/m; ε_r = 54.462; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

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 (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.582 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.698 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.640 W/kg
SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.367 W/kg
Maximum value of SAR (measured) = 0.568 W/kg



0 dB = 0.568 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

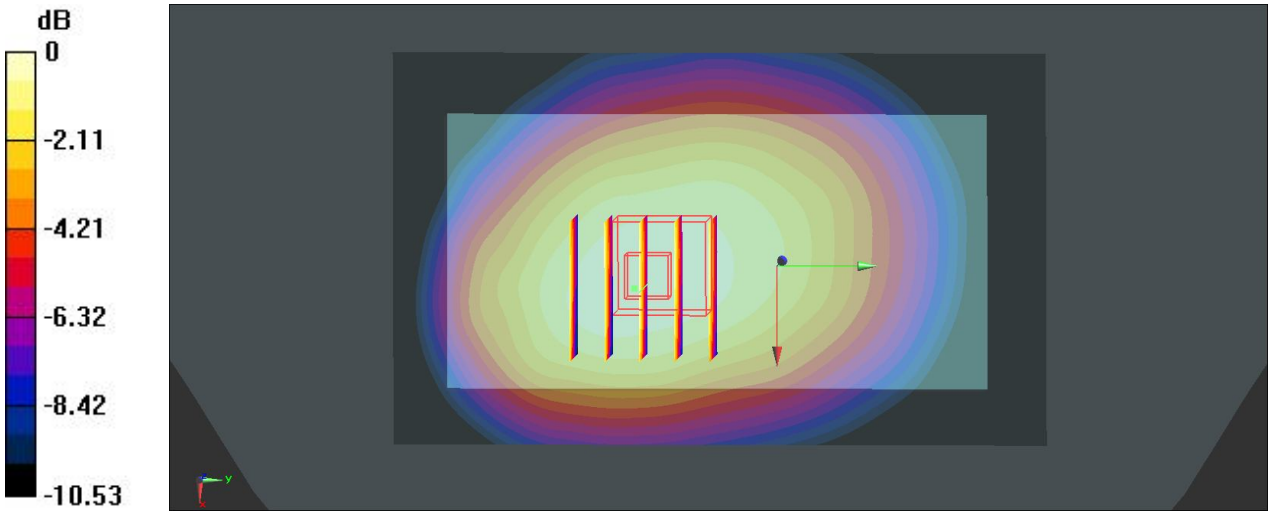
#25 GSM850_GSM Voice_Back_1cm_Ch189

Communication System: GSM Voice;Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_130830 Medium parameters used: f = 836.4 MHz; σ = 0.978 S/m; ε_r = 54.371; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

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 (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.719 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.296 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.812 W/kg
SAR(1 g) = 0.616 W/kg; SAR(10 g) = 0.459 W/kg
Maximum value of SAR (measured) = 0.724 W/kg



0 dB = 0.724 W/kg

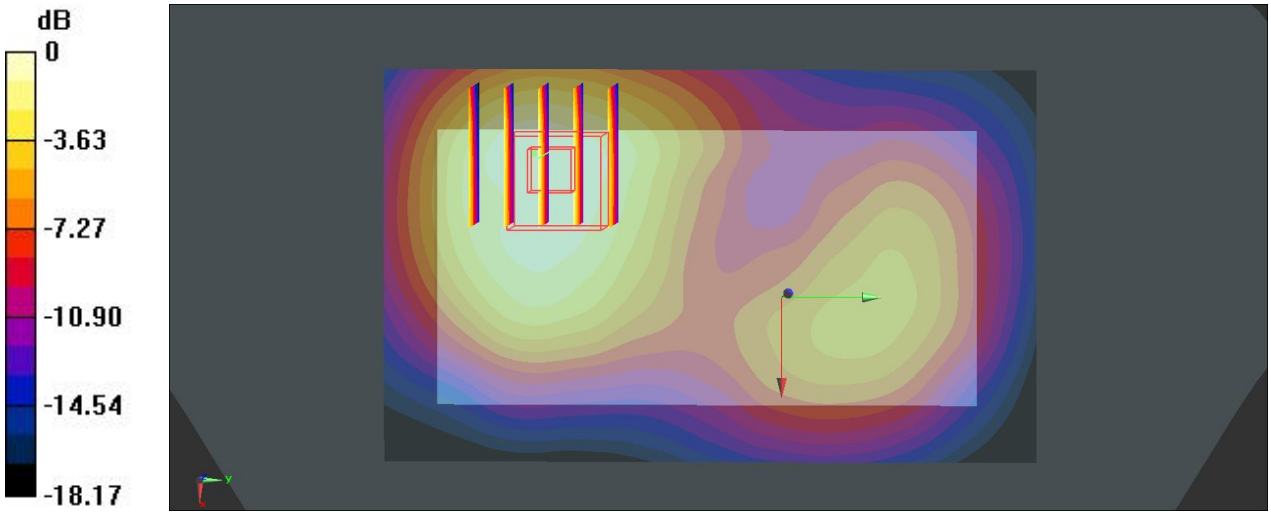
#27 GSM1900_GPRS (GMSK 4 Tx slots)_Front_1cm_Ch512

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_130830 Medium parameters used: f = 1850.2 MHz; σ = 1.489 S/m; ε_r = 53.69; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

C512/Area Scan (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.928 W/kg

C512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.532 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.416 W/kg
Maximum value of SAR (measured) = 0.901 W/kg



0 dB = 0.901 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

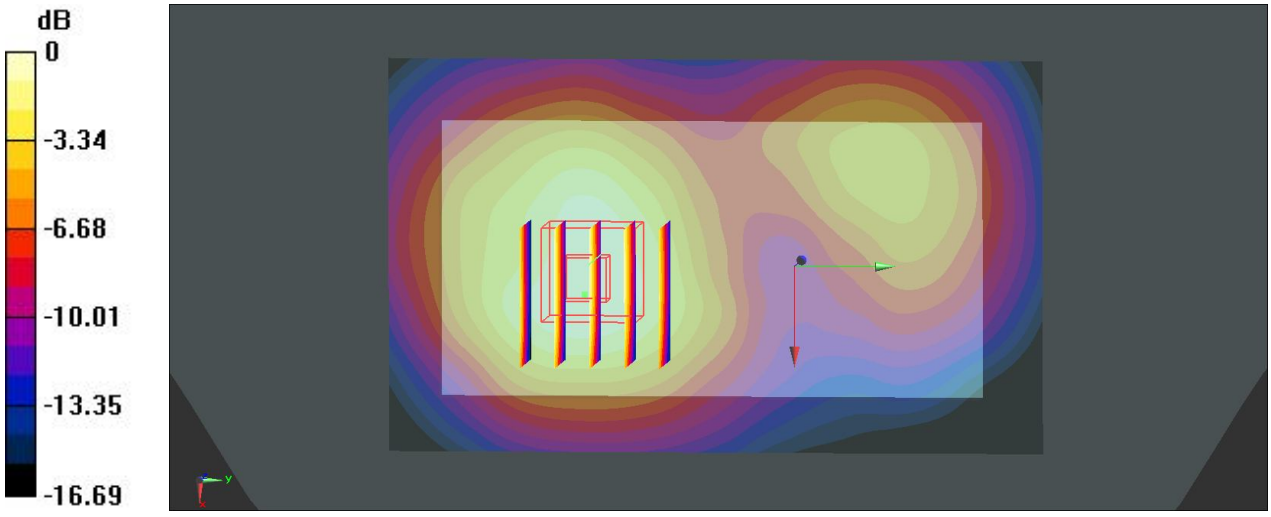
#28 GSM1900_GPRS (GMSK 4 Tx slots)_Back_1cm_Ch512

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_130830 Medium parameters used: f = 1850.2 MHz; σ = 1.489 S/m; ε_r = 53.69; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

C512/Area Scan (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.980 W/kg

C512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.081 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.738 W/kg; SAR(10 g) = 0.456 W/kg
Maximum value of SAR (measured) = 0.933 W/kg



0 dB = 0.933 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

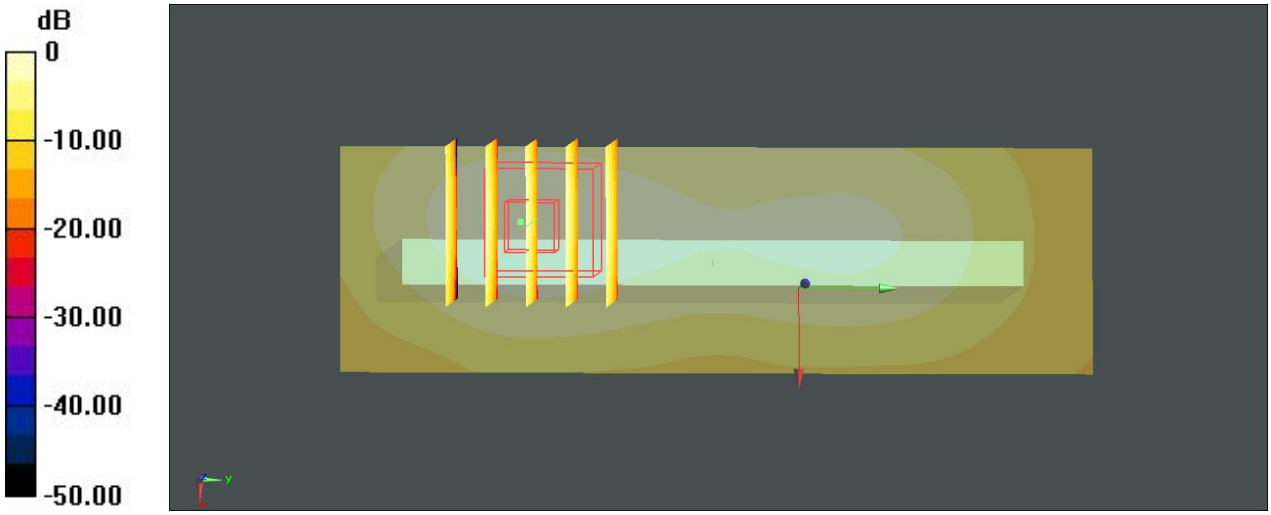
#29 GSM1900_GPRS (GMSK 4 Tx slots)_Left side_1cm_Ch512

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_130830 Medium parameters used: f = 1850.2 MHz; σ = 1.489 S/m; ε_r = 53.69; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch512/Area Scan (101x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.326 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.740 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.369 W/kg
SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 0.307 W/kg



0 dB = 0.307 W/kg

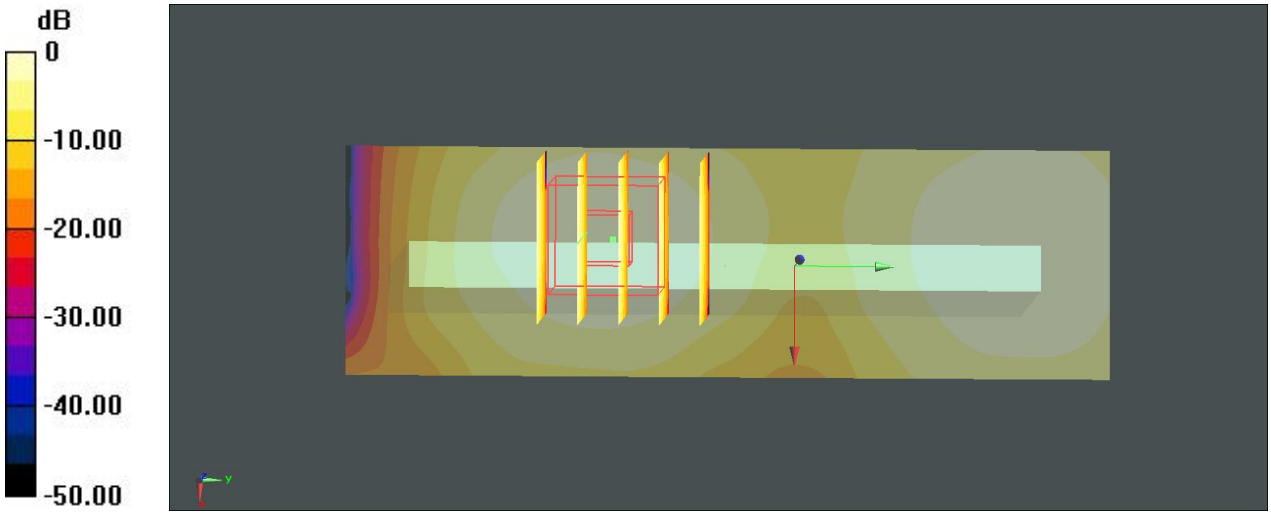
#30 GSM1900_GPRS (GMSK 4 Tx slots)_Right side_1cm_Ch512

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_130830 Medium parameters used: f = 1850.2 MHz; σ = 1.489 S/m; ε_r = 53.69; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch512/Area Scan (101x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.176 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.271 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.210 W/kg
SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.073 W/kg
Maximum value of SAR (measured) = 0.170 W/kg



0 dB = 0.170 W/kg

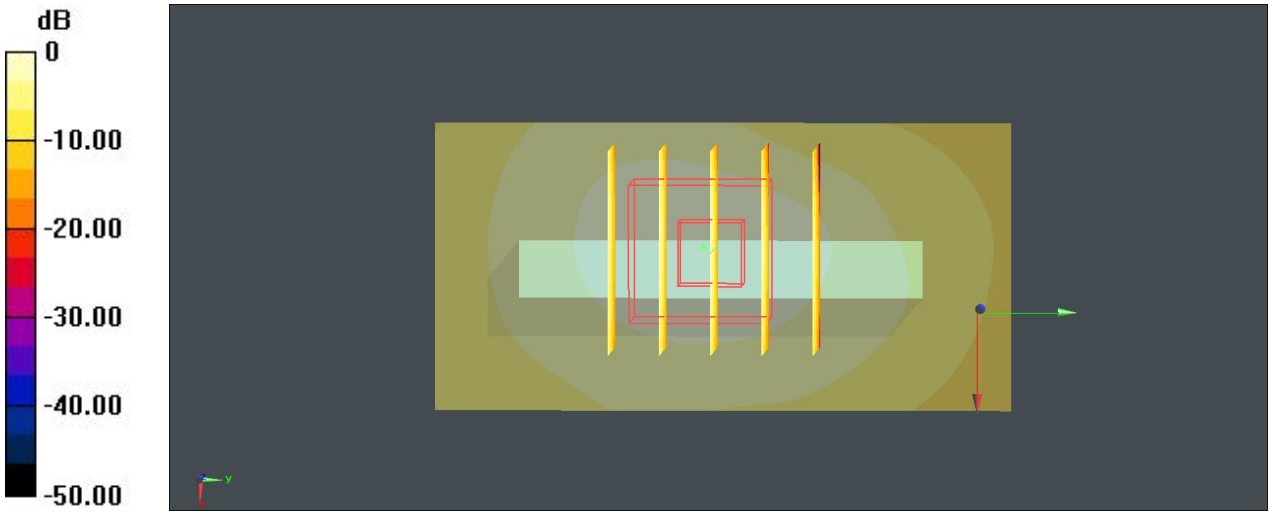
#31 GSM1900_GPRS (GMSK 4 Tx slots)_Bottom side_1cm_Ch512

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_130830 Medium parameters used: f = 1850.2 MHz; σ = 1.489 S/m; ε_r = 53.69; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch512/Area Scan (61x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.438 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.025 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.580 W/kg
SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.183 W/kg
Maximum value of SAR (measured) = 0.474 W/kg



0 dB = 0.474 W/kg

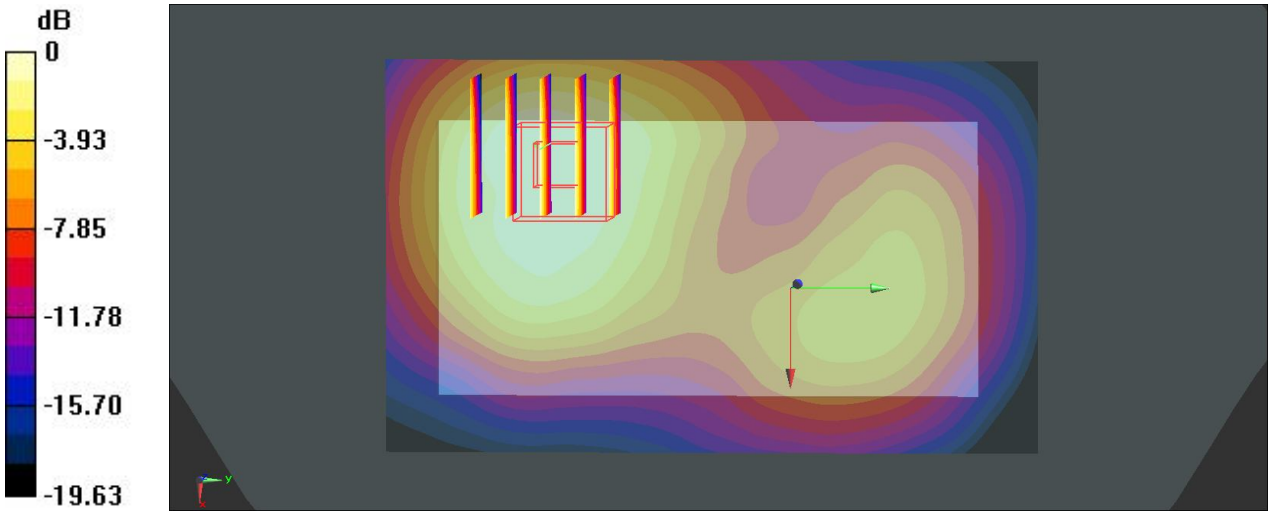
#32 GSM1900_GPRS (GMSK 4 Tx slots)_Front_1cm_Ch661

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_130830 Medium parameters used: f = 1880 MHz; σ = 1.525 S/m; ε_r = 53.51; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

C661/Area Scan (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.00 W/kg

C661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.178 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.456 W/kg
Maximum value of SAR (measured) = 0.973 W/kg



0 dB = 0.973 W/kg

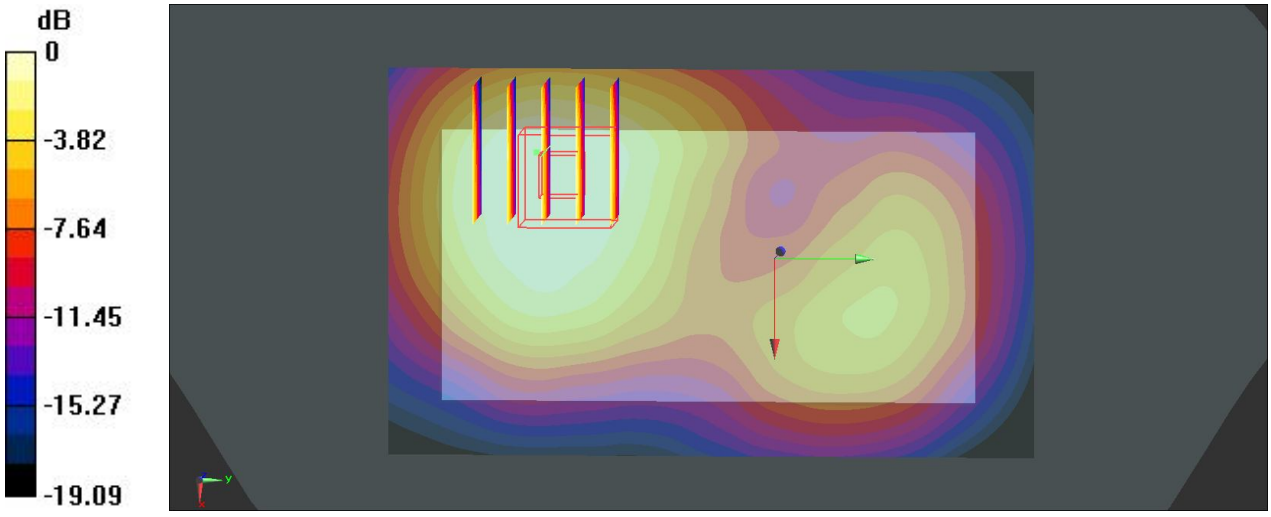
#33 GSM1900_GPRS (GMSK 4 Tx slots)_Front_1cm_Ch810

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_130830 Medium parameters used: f = 1910 MHz; σ = 1.564 S/m; ε_r = 53.475; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

C810/Area Scan (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.08 W/kg

C810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.942 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.494 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg

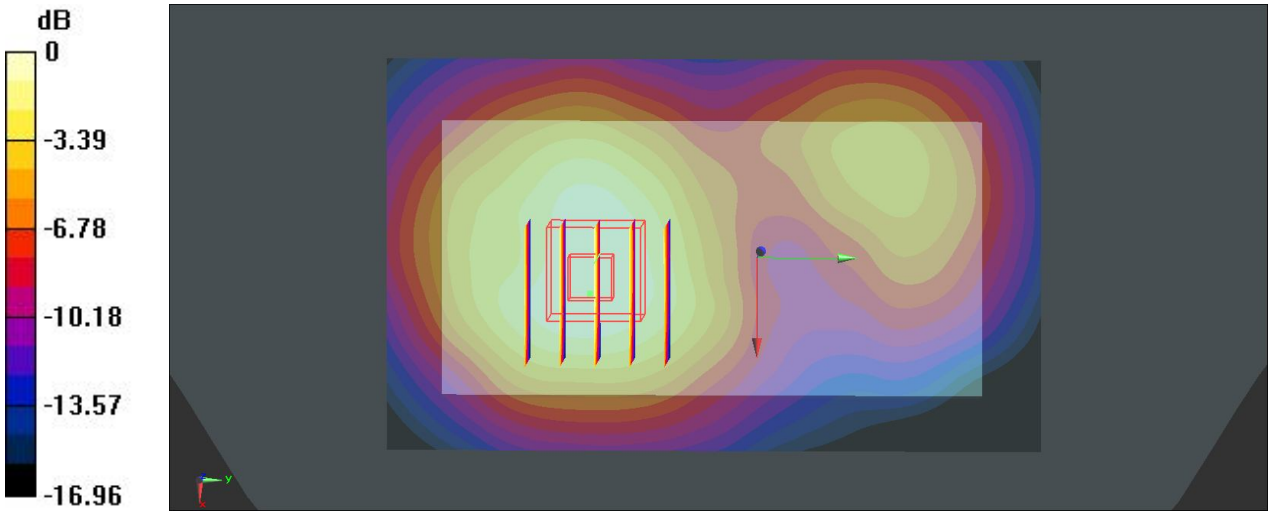
#34 GSM1900_GPRS (GMSK 4 Tx slots)_Back_1cm_Ch661

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_130830 Medium parameters used: f = 1880 MHz; σ = 1.525 S/m; ε_r = 53.51; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

C661/Area Scan (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.04 W/kg

C661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.439 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.779 W/kg; SAR(10 g) = 0.486 W/kg
Maximum value of SAR (measured) = 0.970 W/kg



0 dB = 0.970 W/kg

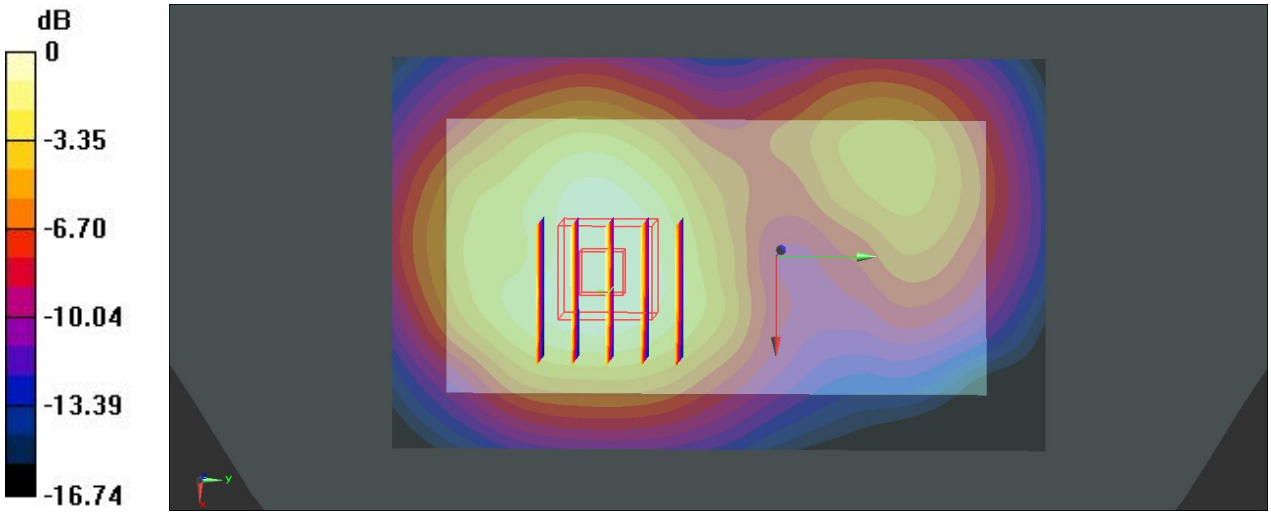
#35 GSM1900_GPRS (GMSK 4 Tx slots)_Back_1cm_Ch810

Communication System: GPRS/EDGE (4 Tx slot);Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_130830 Medium parameters used: f = 1910 MHz; σ = 1.564 S/m; ε_r = 53.475; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

C810/Area Scan (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.08 W/kg

C810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.499 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.816 W/kg; SAR(10 g) = 0.511 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: 2013.08.30

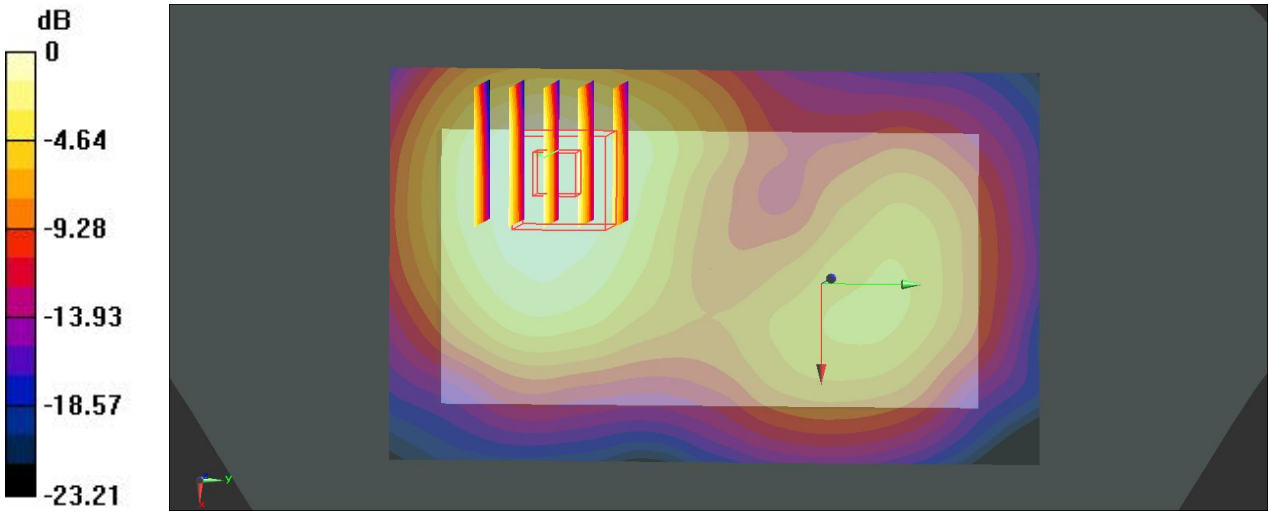
#36 GSM1900_GSM Voice_Front_1cm_Ch512

Communication System: GSM Voice;Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_130830 Medium parameters used: f = 1850.2 MHz; σ = 1.489 S/m; ε_r = 53.69; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch512/Area Scan (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.598 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.684 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.721 W/kg
SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.266 W/kg
Maximum value of SAR (measured) = 0.584 W/kg



0 dB = 0.584 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

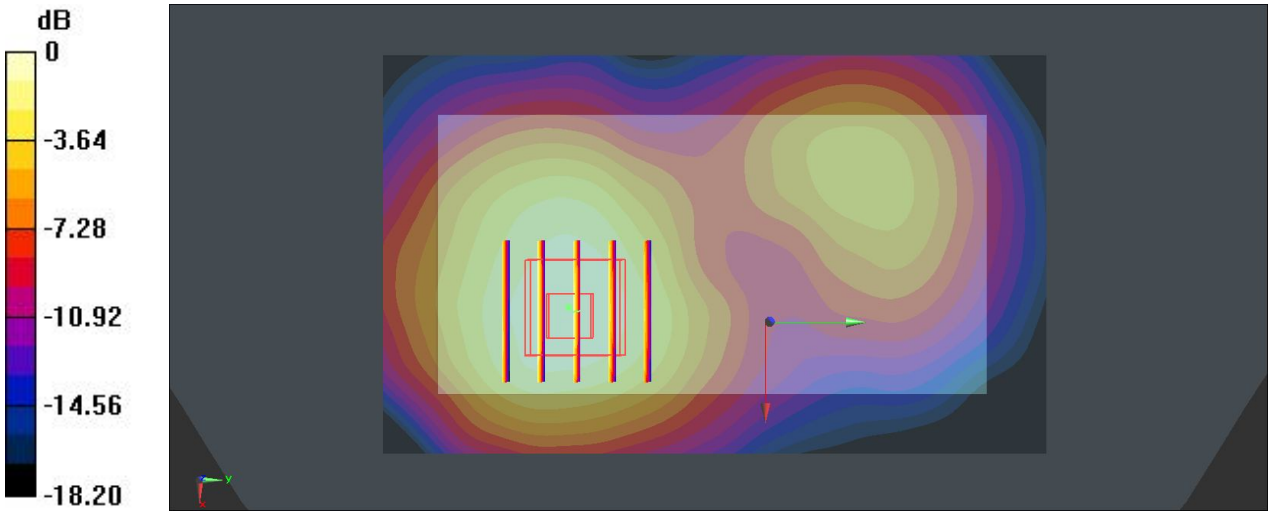
#37 GSM1900_GSM Voice_Back_1cm_Ch512

Communication System: GSM Voice;Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_130830 Medium parameters used: f = 1850.2 MHz; σ = 1.489 S/m; ε_r = 53.69; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch512/Area Scan (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.608 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.729 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.710 W/kg
SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.287 W/kg
Maximum value of SAR (measured) = 0.595 W/kg



0 dB = 0.595 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

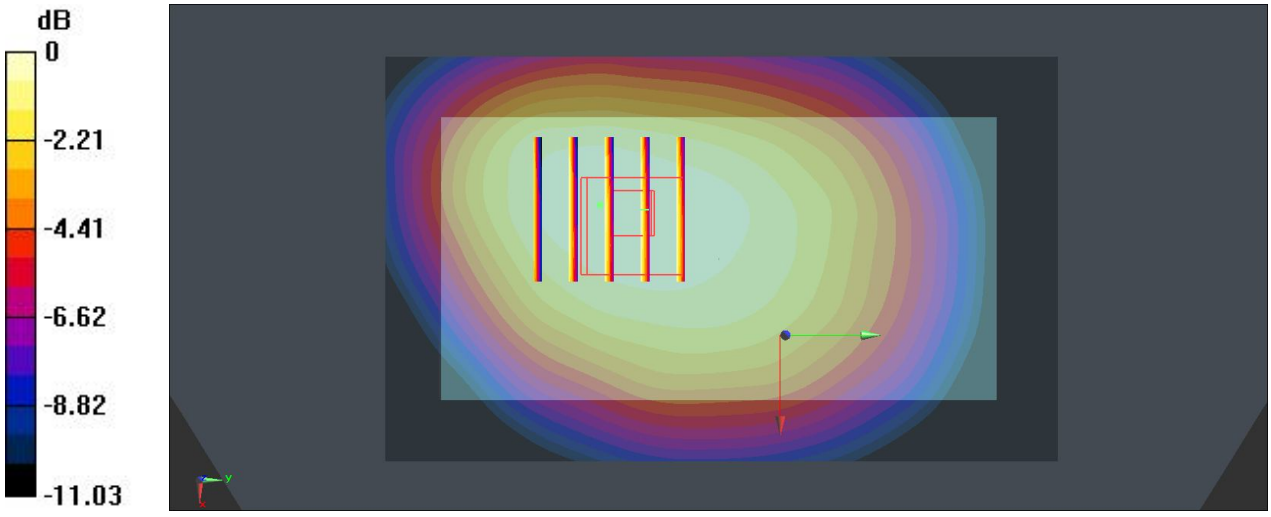
#10 WCDMA Band V_RMC 12.2K_Front_1cm_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130830 Medium parameters used: f = 836.4 MHz; σ = 0.978 S/m; ε_r = 54.371; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.380 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.326 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.420 W/kg
SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.239 W/kg
Maximum value of SAR (measured) = 0.373 W/kg



0 dB = 0.373 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

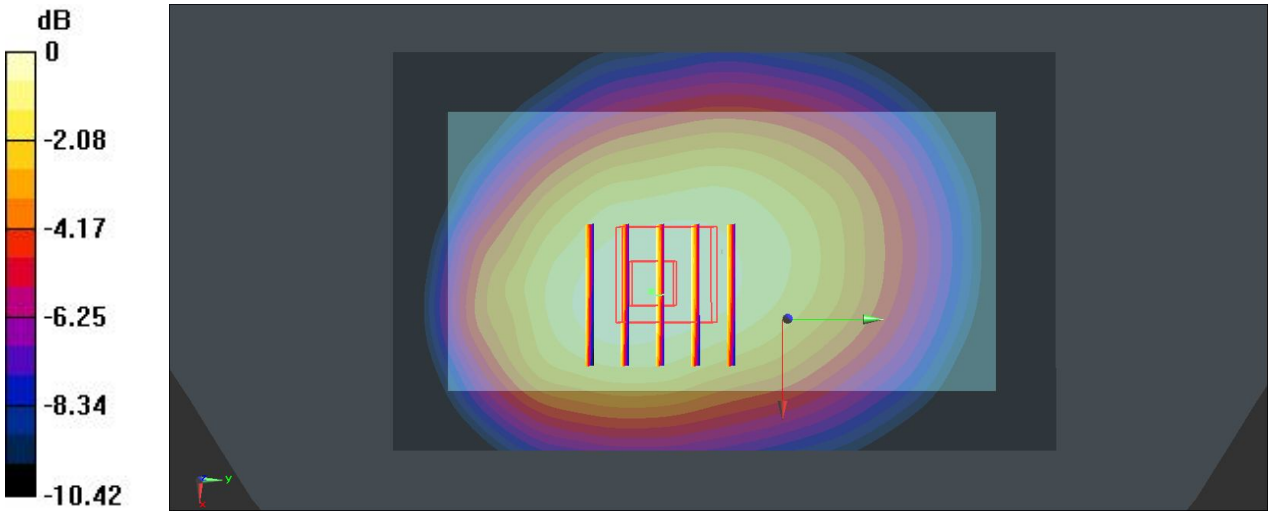
#11 WCDMA Band V_RMC 12.2K_Back_1cm_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130830 Medium parameters used: f = 836.4 MHz; σ = 0.978 S/m; ε_r = 54.371; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.640 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.813 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.723 W/kg
SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.405 W/kg
Maximum value of SAR (measured) = 0.641 W/kg



0 dB = 0.641 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

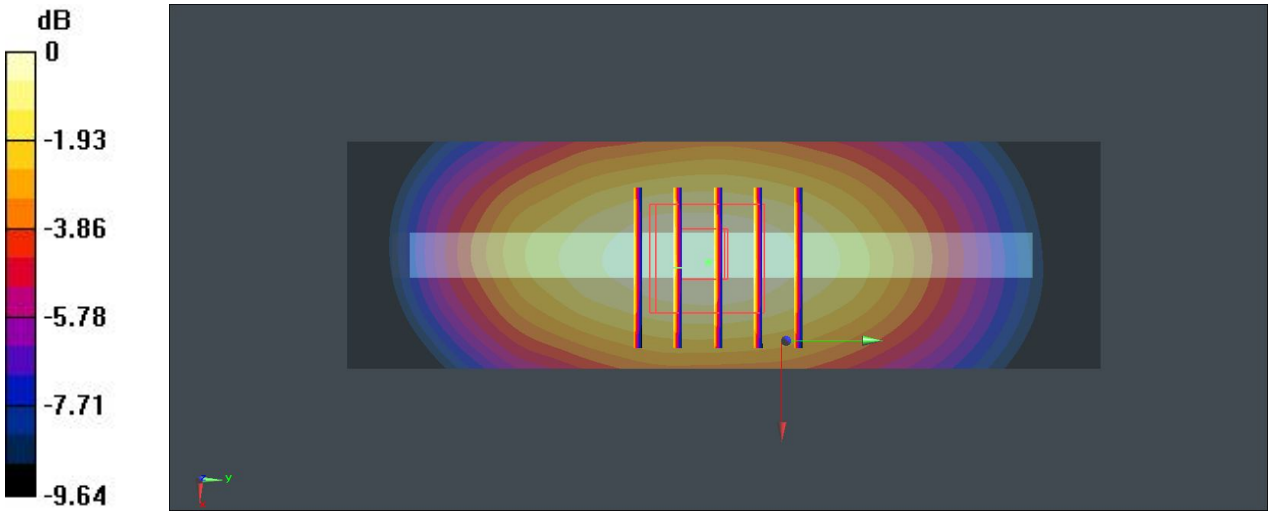
#12 WCDMA Band V_RMC 12.2K_Left side_1cm_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130830 Medium parameters used: f = 836.4 MHz; σ = 0.978 S/m; ε_r = 54.371; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (101x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.389 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.652 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.450 W/kg
SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.227 W/kg
Maximum value of SAR (measured) = 0.389 W/kg



0 dB = 0.389 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

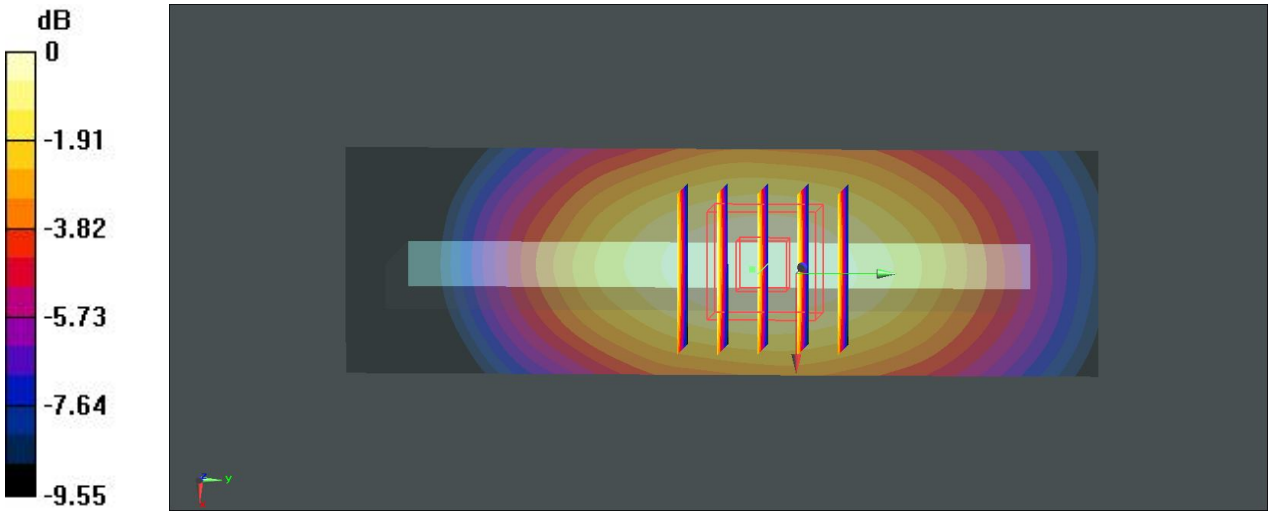
#13 WCDMA Band V_RMC 12.2K_Right side_1cm_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130830 Medium parameters used: f = 836.4 MHz; σ = 0.978 S/m; ε_r = 54.371; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (101x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.325 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.989 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.372 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.190 W/kg
Maximum value of SAR (measured) = 0.322 W/kg



0 dB = 0.322 W/kg

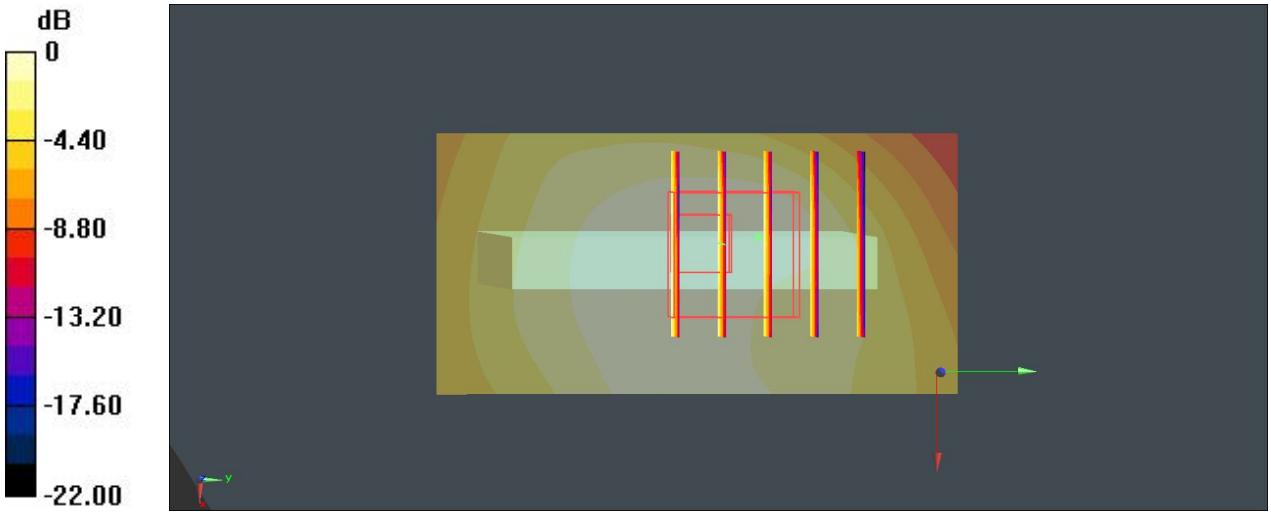
#14 WCDMA Band V_RMC 12.2K_Bottom side_1cm_Ch4182

Communication System: WCDMA;Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130830 Medium parameters used: f = 836.4 MHz; σ = 0.978 S/m; ε_r = 54.371; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch4182/Area Scan (61x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0413 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.555 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0490 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.0384 W/kg



0 dB = 0.0384 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

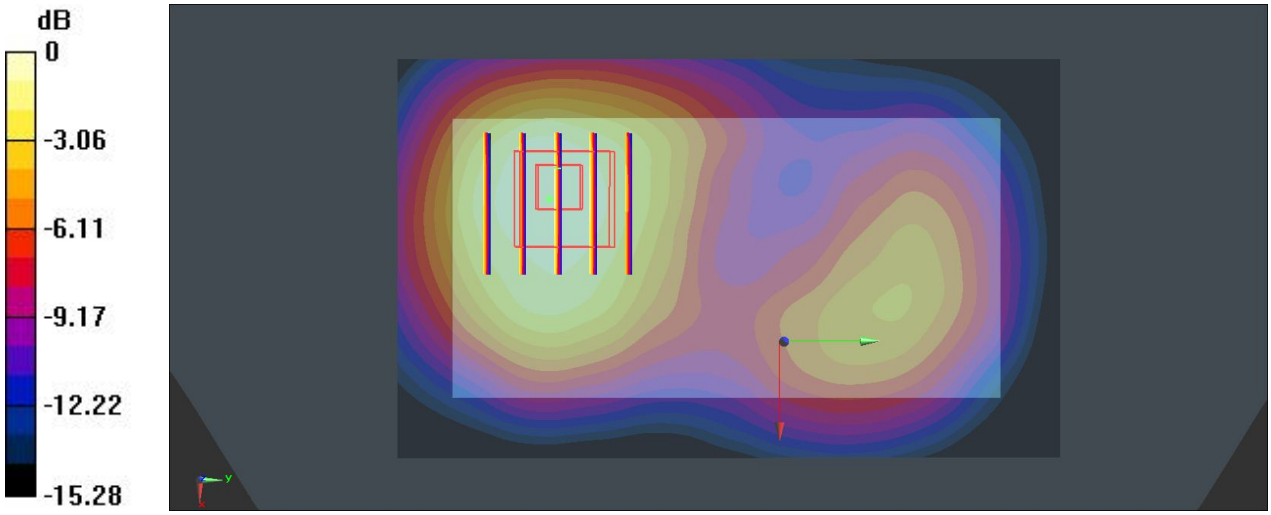
#01 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130830 Medium parameters used: f = 1852.4 MHz; σ = 1.492 S/m; ε_r = 53.679; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 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 (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.09 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.259 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.517 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

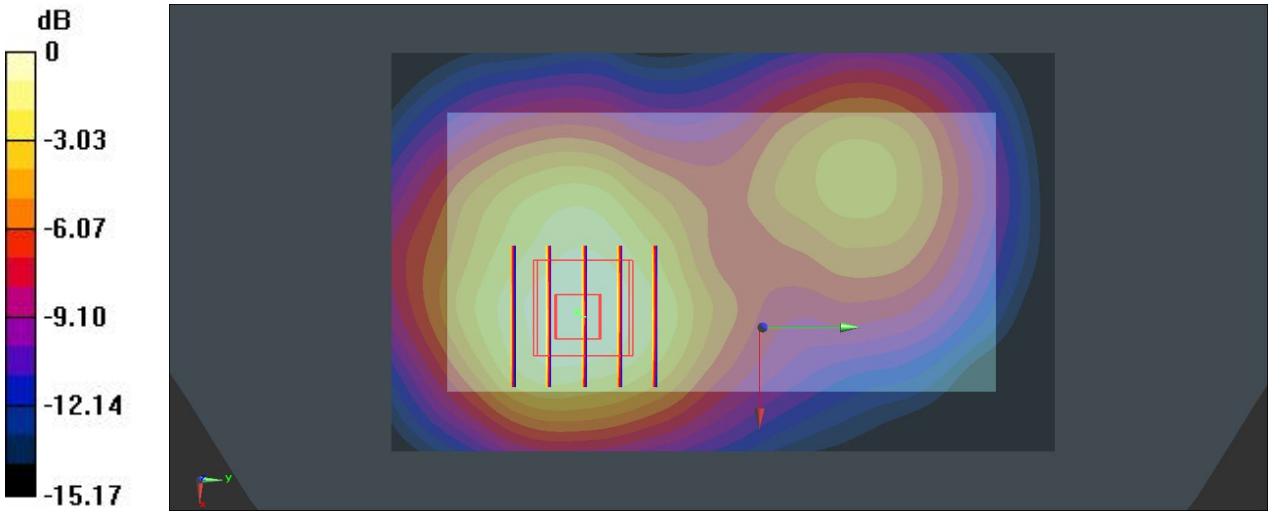
#02 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9262

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130830 Medium parameters used: f = 1852.4 MHz; σ = 1.492 S/m; ε_r = 53.679; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 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 (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.814 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.530 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg

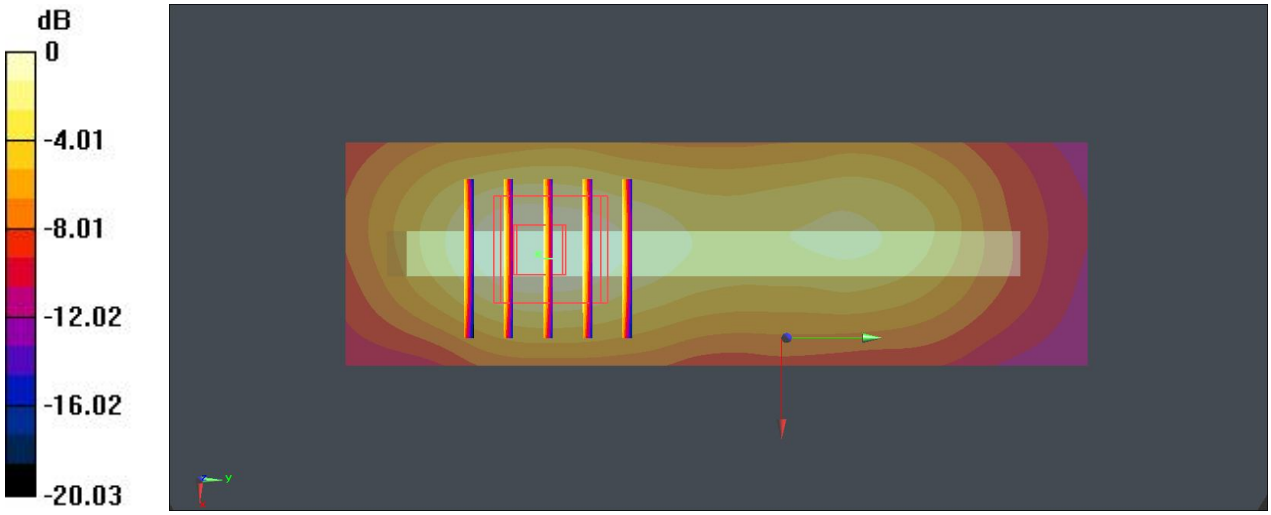
#03 WCDMA Band II_RMC 12.2K_Left side_1cm_Ch9626

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130830 Medium parameters used: f = 1852.4 MHz; σ = 1.492 S/m; ε_r = 53.679; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9626/Area Scan (101x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.437 W/kg

Ch9626/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.872 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.524 W/kg
SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.176 W/kg
Maximum value of SAR (measured) = 0.417 W/kg



0 dB = 0.417 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

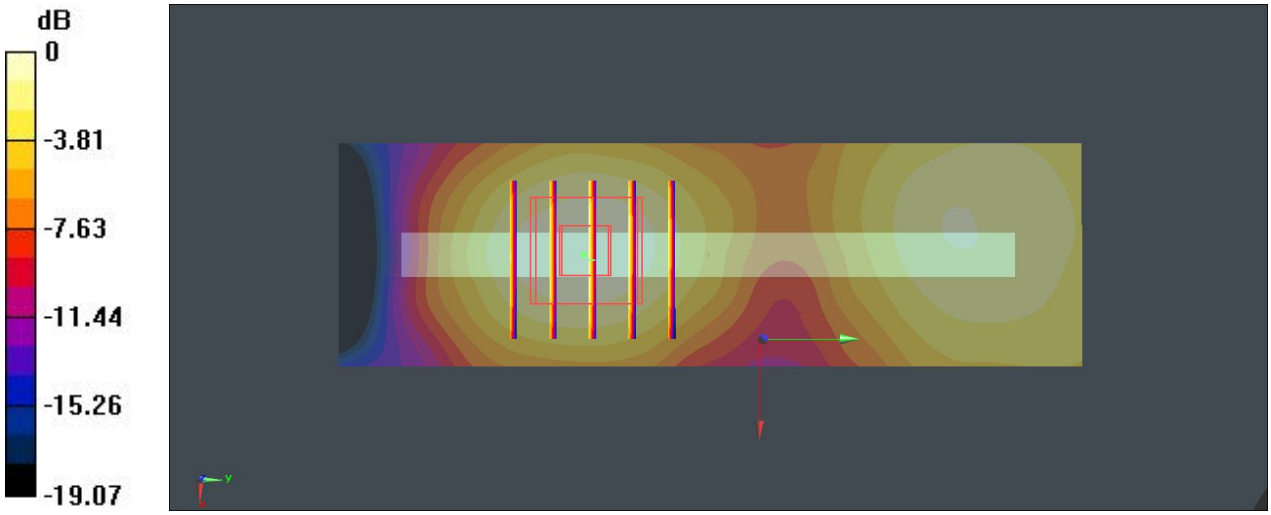
#04 WCDMA Band II_RMC 12.2K_Right side_1cm_Ch9626

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130830 Medium parameters used: f = 1852.4 MHz; σ = 1.492 S/m; ε_r = 53.679; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9626/Area Scan (101x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.241 W/kg

Ch9626/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.572 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.286 W/kg
SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.106 W/kg
Maximum value of SAR (measured) = 0.234 W/kg



0 dB = 0.234 W/kg

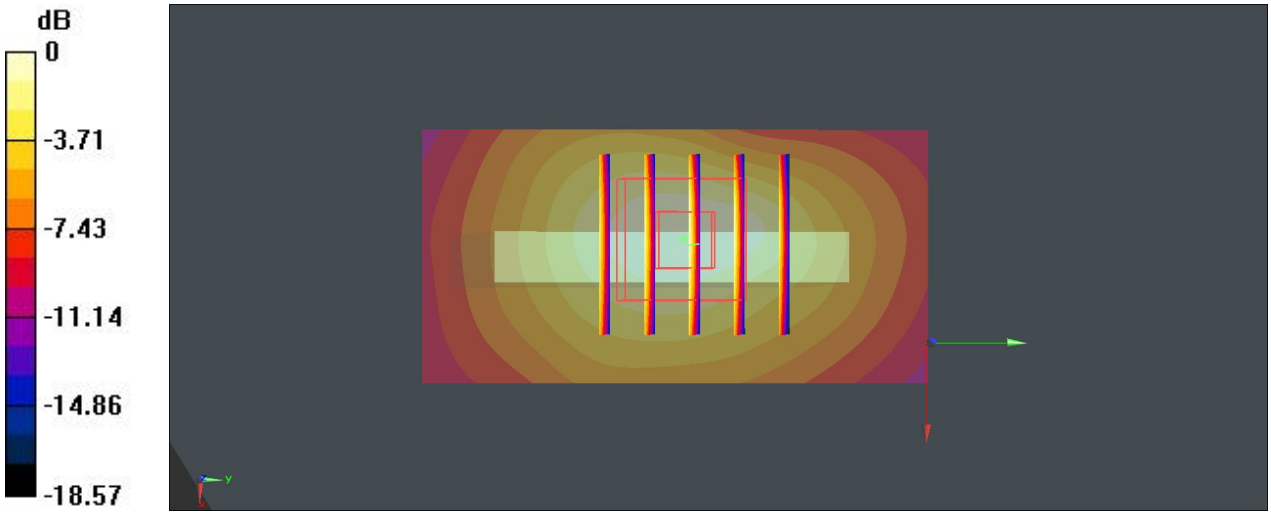
#05 WCDMA Band II_RMC 12.2K_Bottom side_1cm_Ch9626

Communication System: WCDMA;Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130830 Medium parameters used: f = 1852.4 MHz; σ = 1.492 S/m; ε_r = 53.679; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Ch9626/Area Scan (61x31x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.555 W/kg

Ch9626/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.544 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.655 W/kg
SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.229 W/kg
Maximum value of SAR (measured) = 0.539 W/kg



0 dB = 0.539 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

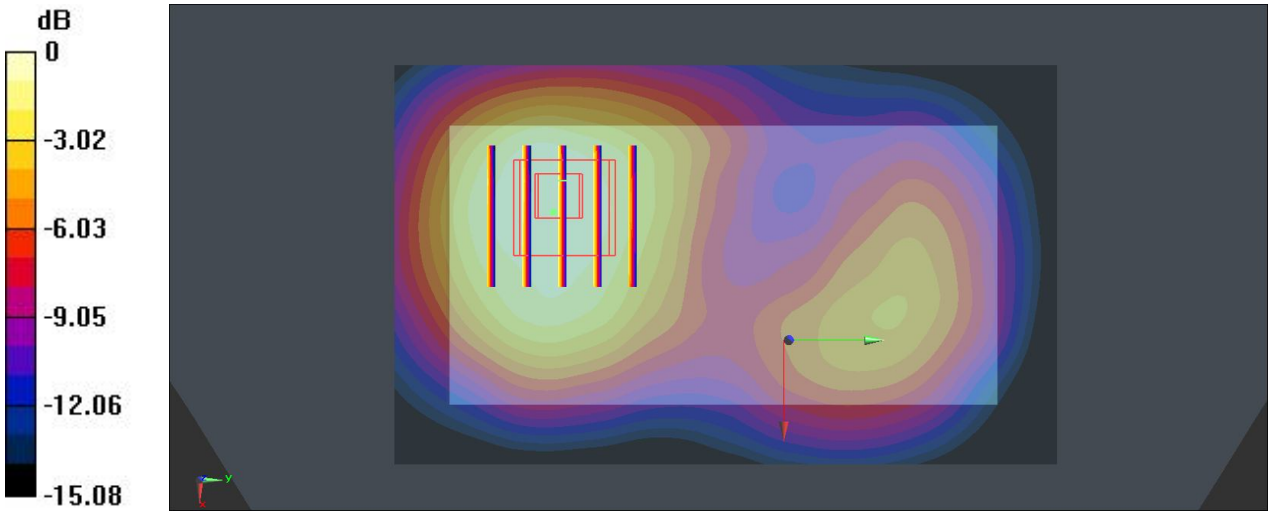
#06 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130830 Medium parameters used: f = 1880 MHz; σ = 1.525 S/m; ε_r = 53.51; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 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 (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.632 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.524 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

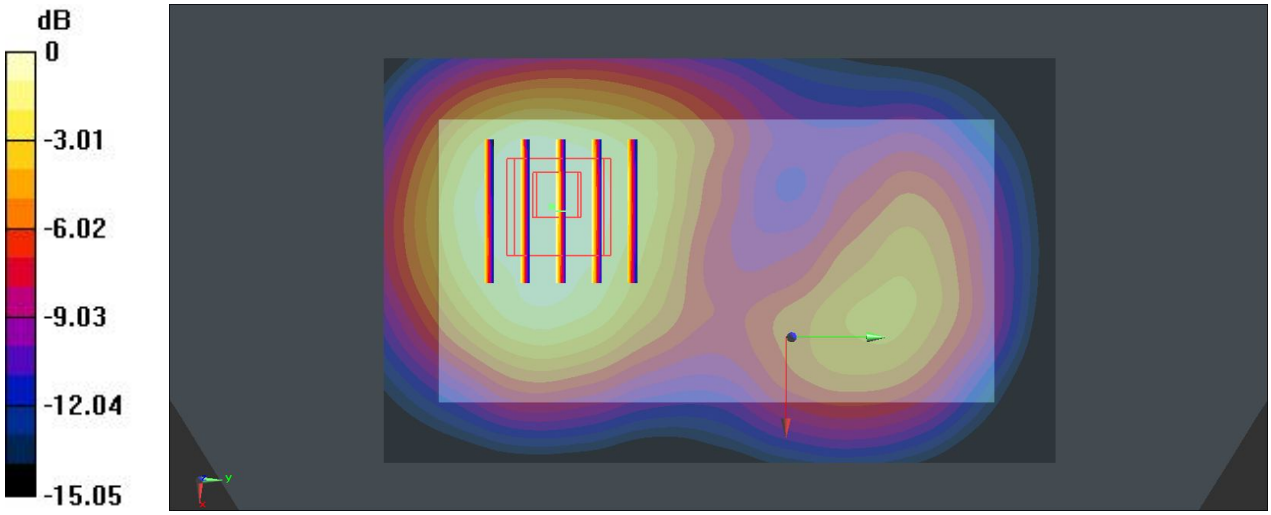
#07 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9538

Communication System: WCDMA;Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130830 Medium parameters used: f = 1908 MHz; σ = 1.562 S/m; ε_r = 53.476; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 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 (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.07 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.837 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.510 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

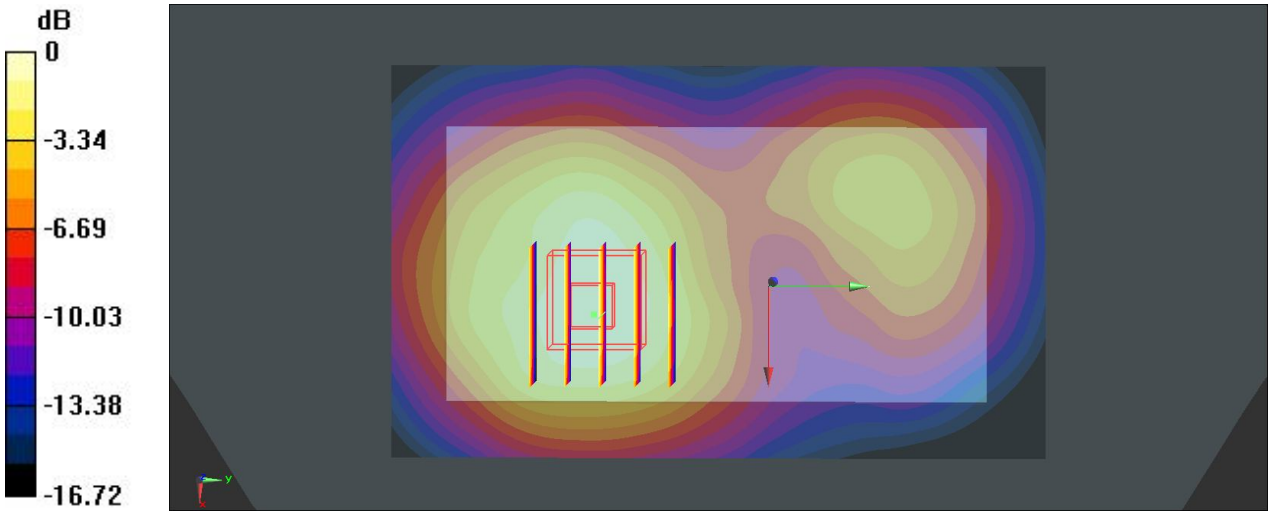
#08 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9400

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130830 Medium parameters used: f = 1880 MHz; σ = 1.525 S/m; ε_r = 53.51; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 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 (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.20 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.220 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.573 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.08.30

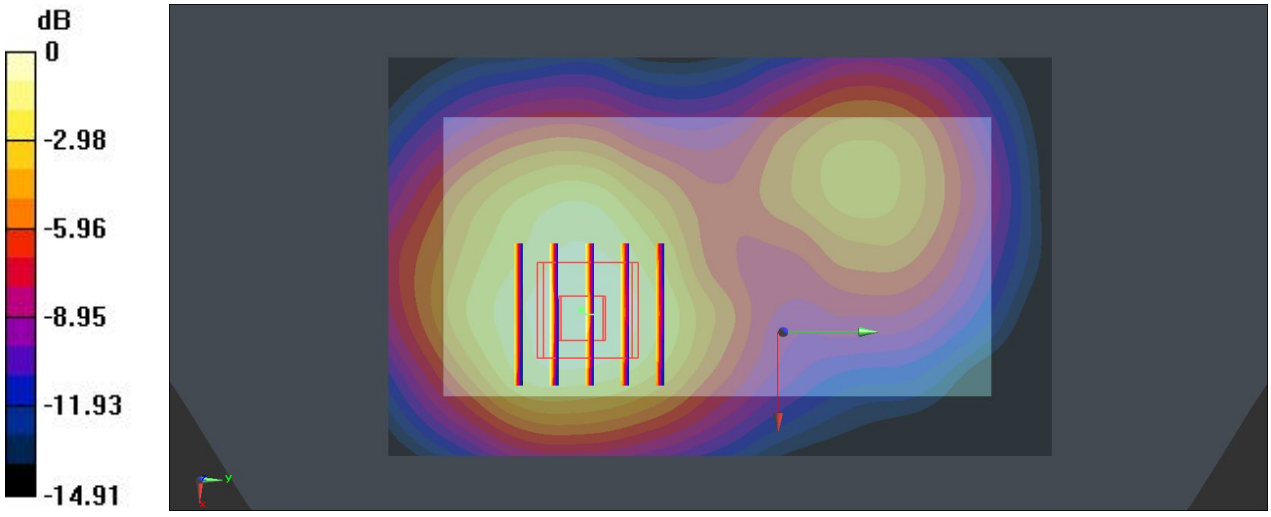
#38 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9400_Repeat SAR

Communication System: WCDMA;Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130830 Medium parameters used: f = 1880 MHz; σ = 1.525 S/m; ε_r = 53.51; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 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 (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.461 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.538 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: 2013.08.30

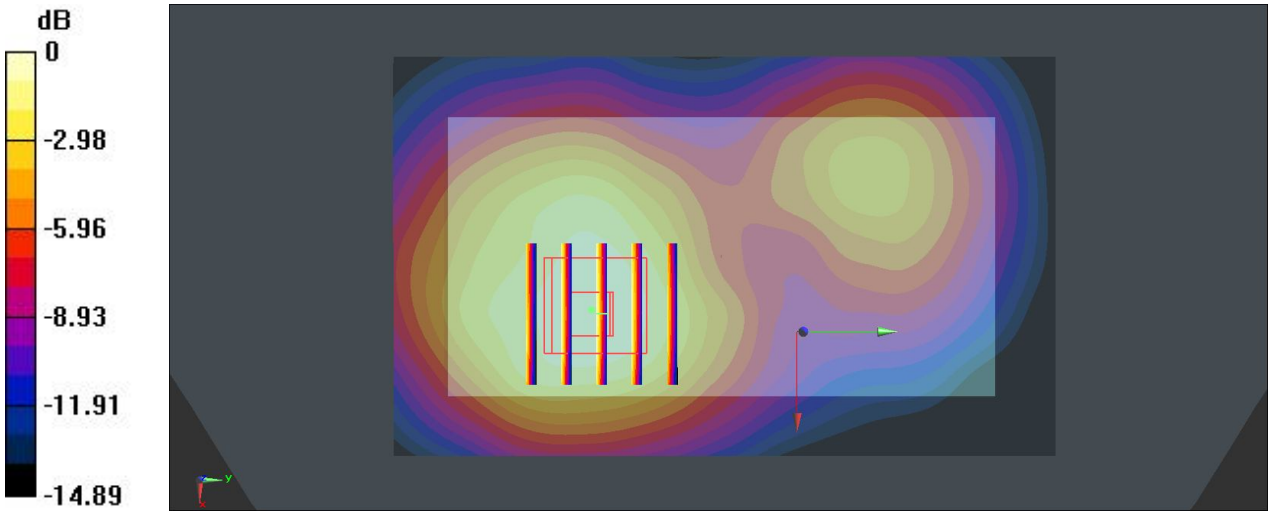
#09 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9538

Communication System: WCDMA;Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130830 Medium parameters used: f = 1908 MHz; σ = 1.562 S/m; ε_r = 53.476; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 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 (101x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.127 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.798 W/kg; SAR(10 g) = 0.497 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.05

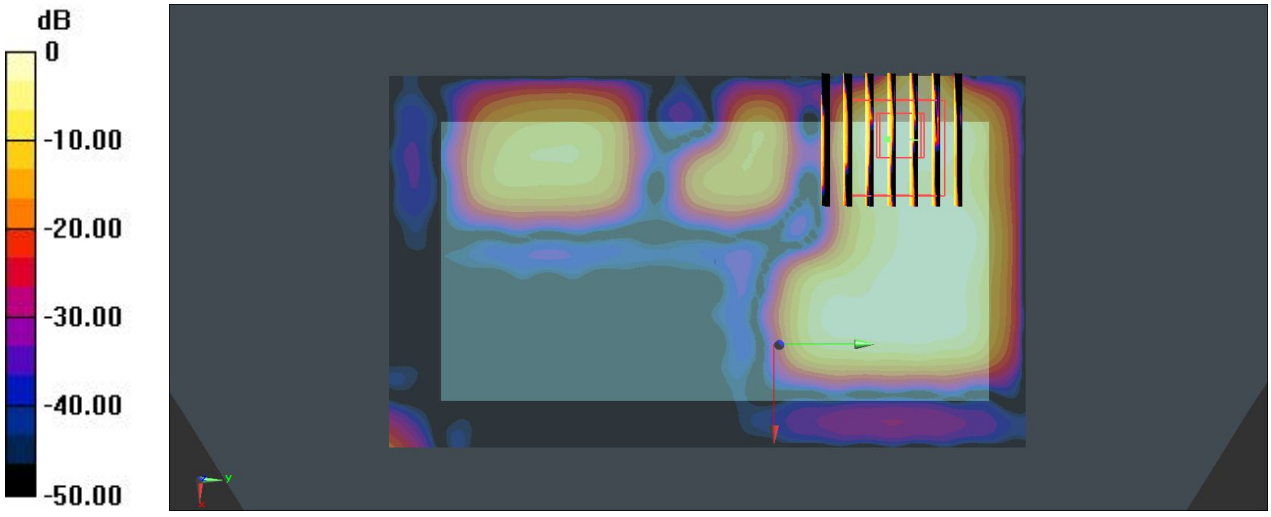
#62 WLAN 2.4GHz_802.11b_Front_1cm_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130905 Medium parameters used: f = 2412 MHz; σ = 1.89 S/m; ε_r = 51.244; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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)

Ch1/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.237 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.051 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.181 W/kg
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.025 W/kg
Maximum value of SAR (measured) = 0.141 W/kg



0 dB = 0.141 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.05

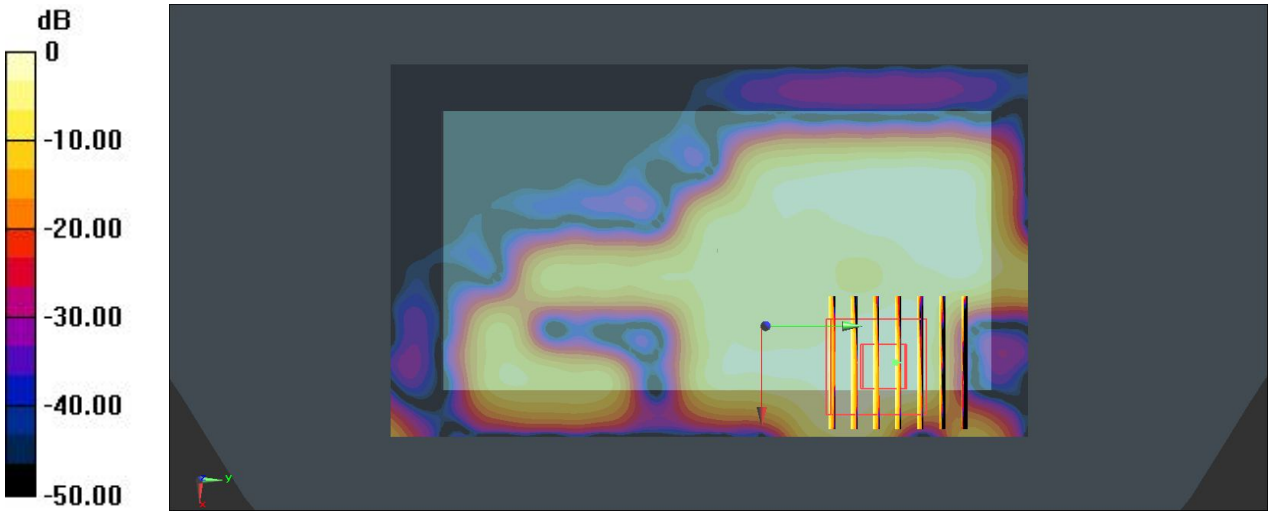
#63 WLAN 2.4GHz_802.11b_Back_1cm_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130905 Medium parameters used: f = 2412 MHz; σ = 1.89 S/m; ε_r = 51.244; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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)

Ch1/Area Scan (71x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.182 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.302 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.175 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.028 W/kg
Maximum value of SAR (measured) = 0.120 W/kg



0 dB = 0.120 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.05

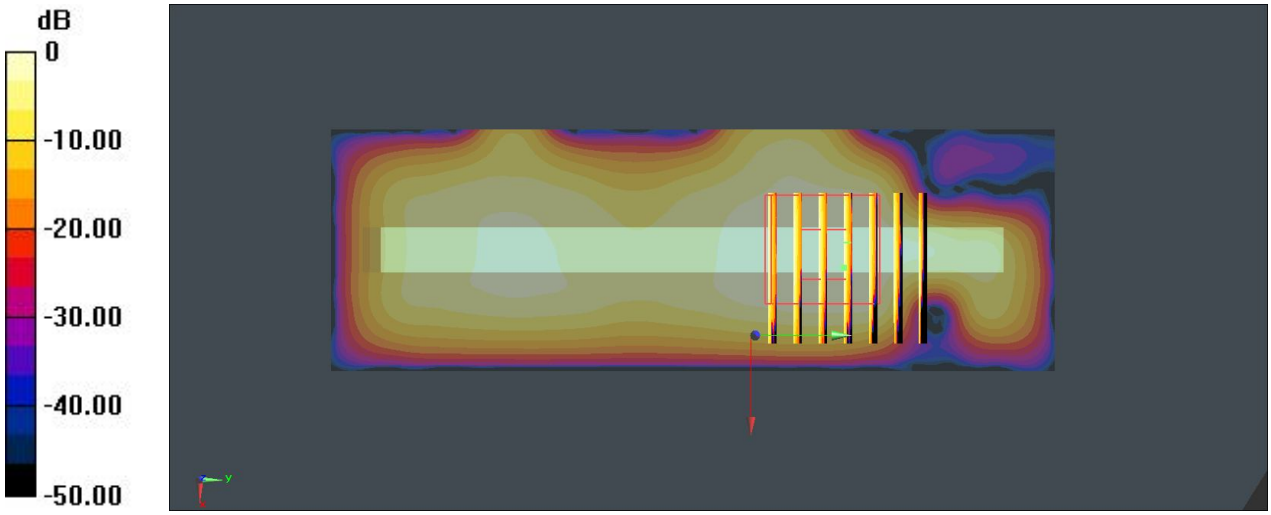
#64 WLAN 2.4GHz_802.11b_Left side_1cm_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130905 Medium parameters used: f = 2412 MHz; σ = 1.89 S/m; ε_r = 51.244; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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)

Ch1/Area Scan (41x121x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.172 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.019 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.157 W/kg
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.038 W/kg
Maximum value of SAR (measured) = 0.121 W/kg



0 dB = 0.121 W/kg

TestLaboratory: Sporton International Inc. SAR/HAC TestingLab Date: 2013.09.05

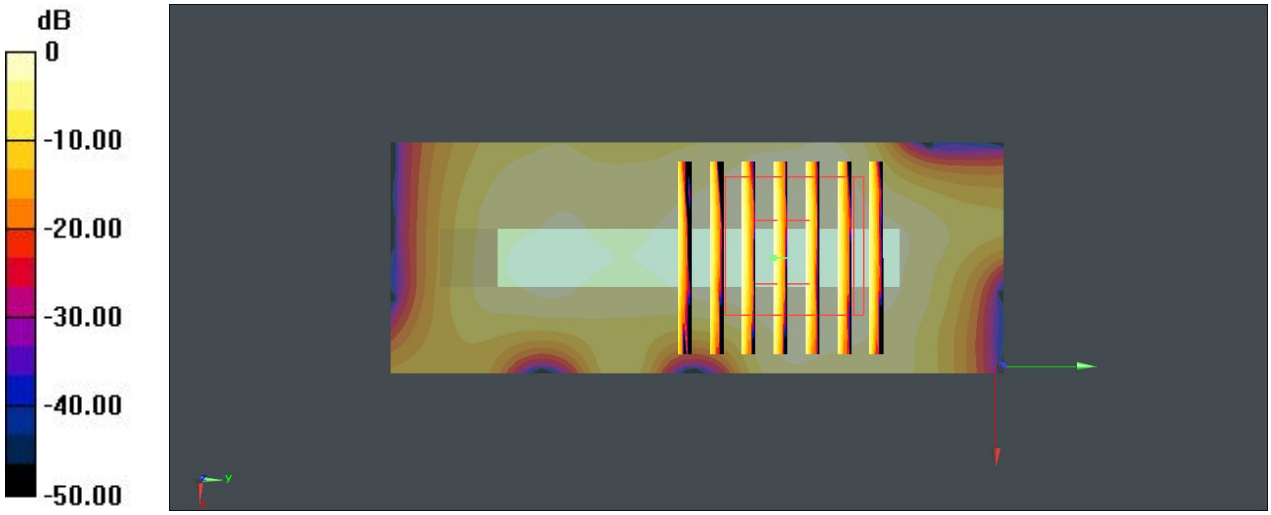
#65 WLAN 2.4GHz_802.11b_Top side_1cm_Ch1

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130905 Medium parameters used: f = 2412 MHz; σ = 1.89 S/m; ε_r = 51.244; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; 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)

Ch1/Area Scan (31x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.134 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.603 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.232 W/kg
SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.123 W/kg



0 dB = 0.123 W/kg