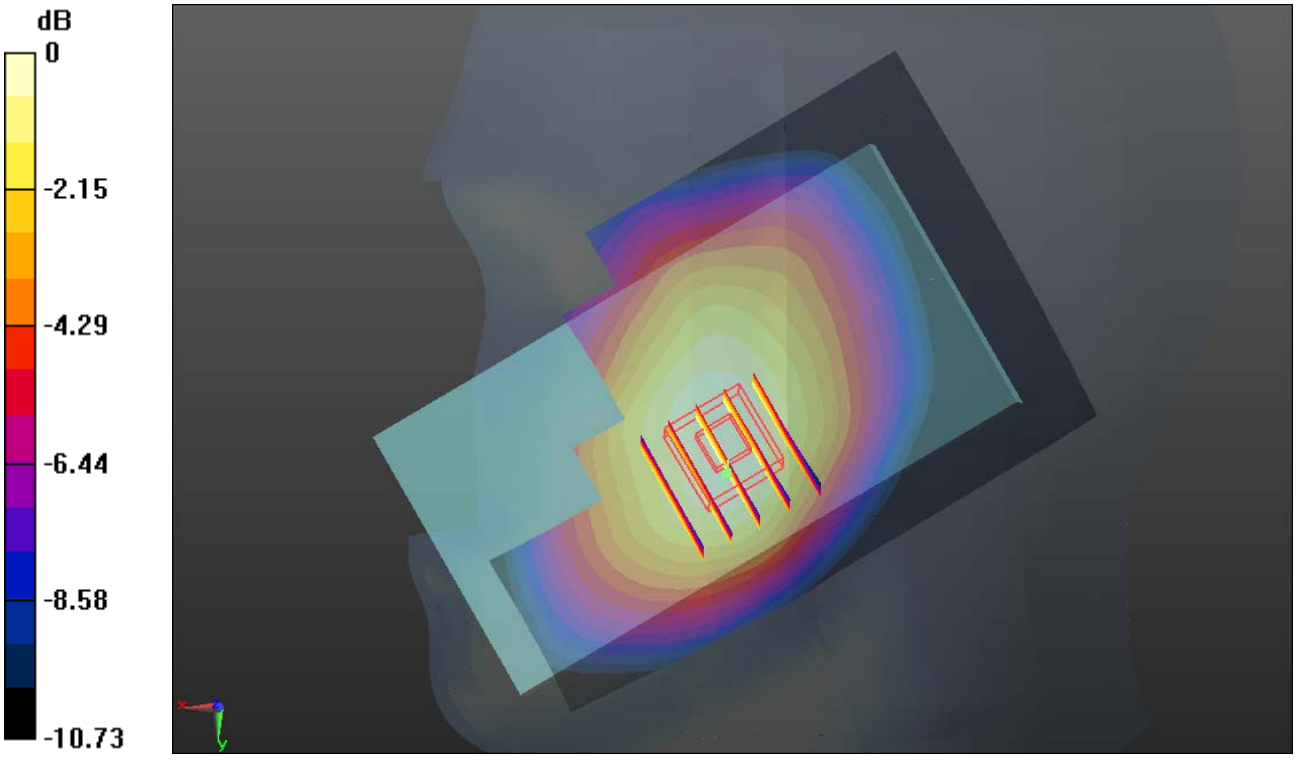
#01_GSM850_GPRS (4Tx slots)_Right Cheek_Ch128

Communication System: GPRS/EDGE (4 Tx slots) (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_835_150212 Medium parameters used: f = 824.2 MHz; σ = 0.875 mho/m; ε_r = 41.215; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.41, 9.41, 9.41); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.698 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.440 V/m; Power Drift = 0.0015 dB
Peak SAR (extrapolated) = 0.756 W/kg
SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.470 mW/g
Maximum value of SAR (measured) = 0.688 mW/g



0 dB = 0.690mW/g

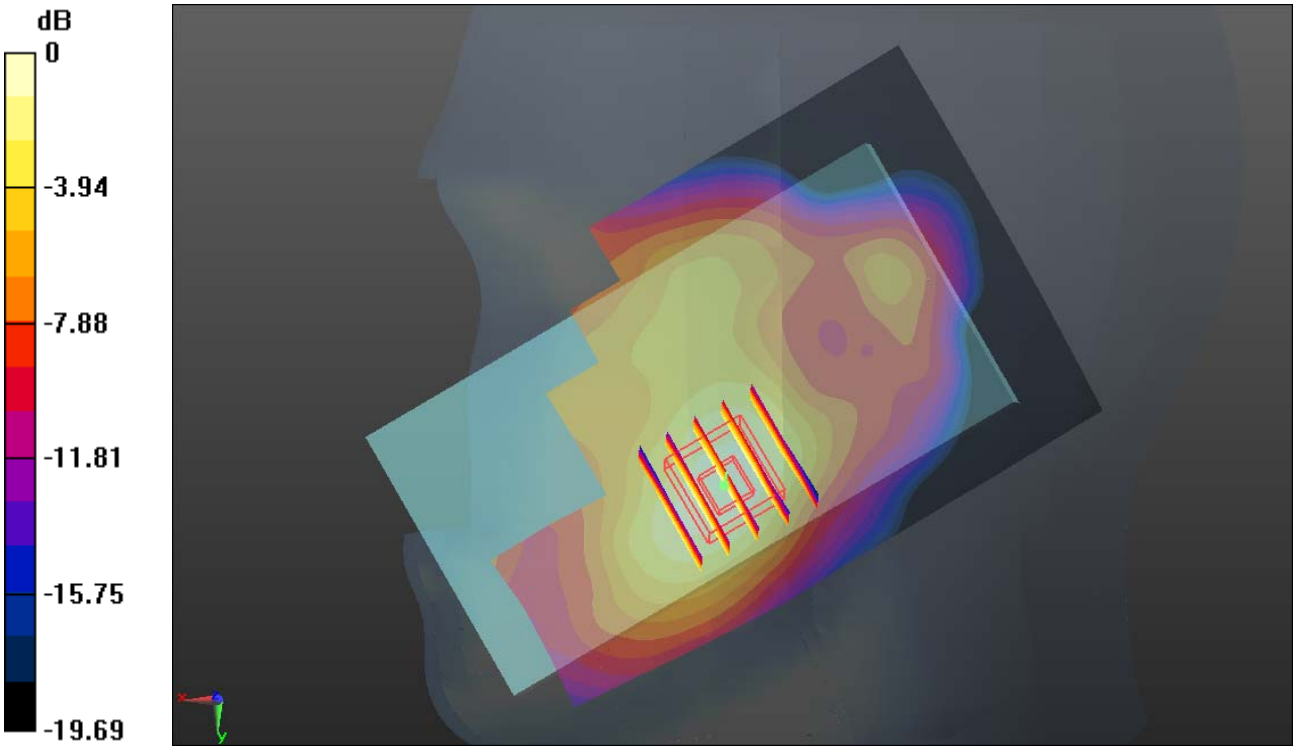
#02_GSM1900_GPRS (4 Tx slots)_Right Cheek_Ch810

Communication System: GPRS/EDGE (4 Tx slots) (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_150212 Medium parameters used: f = 1909.8 MHz; σ = 1.435 mho/m; ε_r = 39.029; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.4, 8.4, 8.4); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.255 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.311 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.287 W/kg
SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.114 mW/g
Maximum value of SAR (measured) = 0.241 mW/g



0 dB = 0.240mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015.02.12

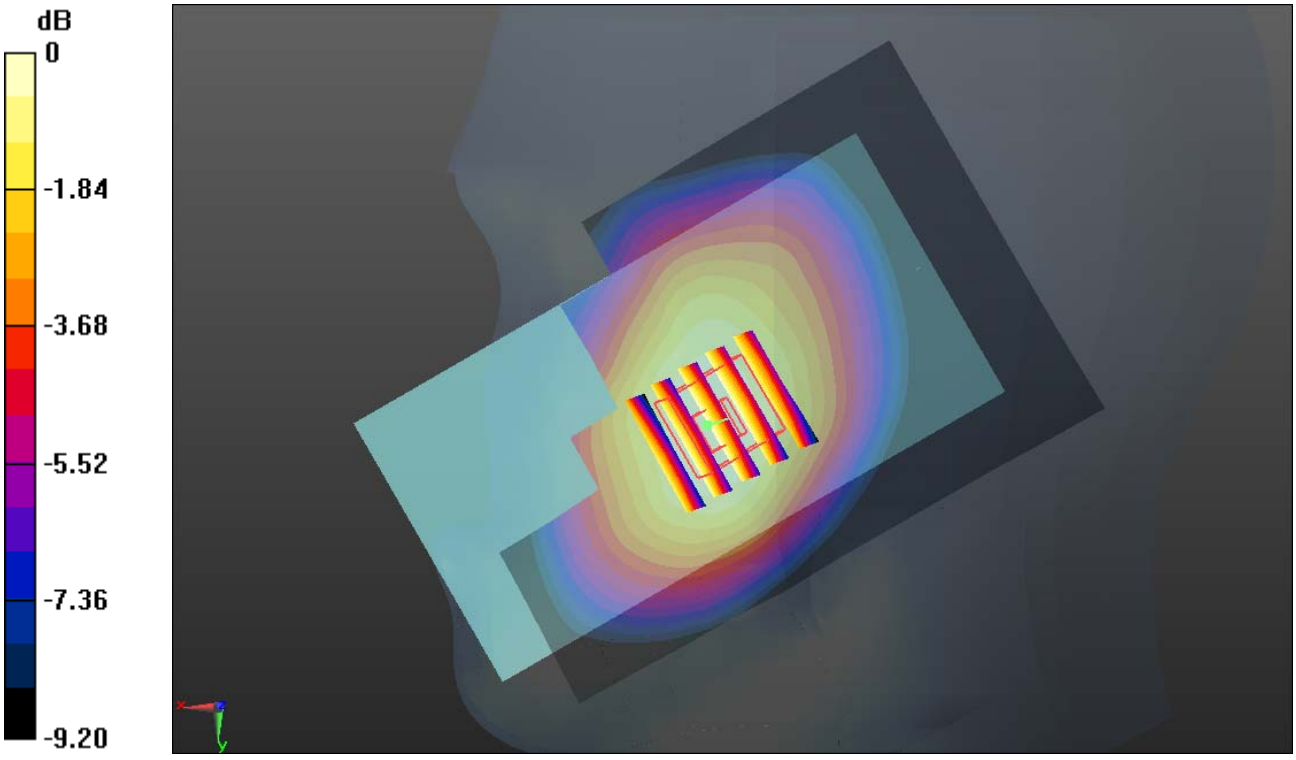
#03_WCDMA Band V_RMC12.2k_Right Cheek_Ch4233

Communication System: UMTS (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_150212 Medium parameters used: f = 846.6 MHz; σ = 0.895 mho/m; ε_r = 40.936; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.41, 9.41, 9.41); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.396 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.364 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.424 W/kg
SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.271 mW/g
Maximum value of SAR (measured) = 0.394 mW/g



0 dB = 0.390mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015.02.12

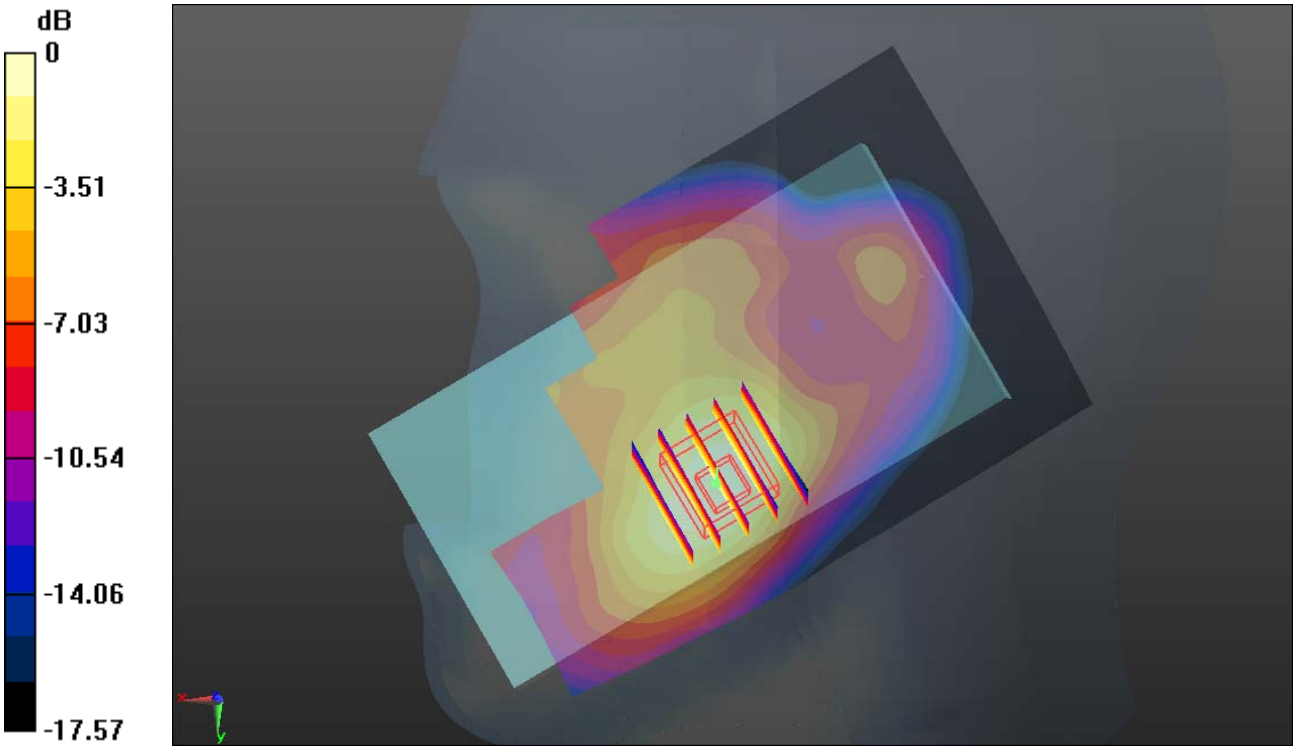
#04_WCDMA Band II_RMC12.2K_Right Cheek_Ch9262

Communication System: UMTS (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_150212 Medium parameters used: f = 1852.4 MHz; σ = 1.377 mho/m; ε_r = 39.257; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(8.4, 8.4, 8.4); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.309 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.704 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.340 W/kg
SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.141 mW/g
Maximum value of SAR (measured) = 0.290 mW/g



0 dB = 0.290mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015.02.04

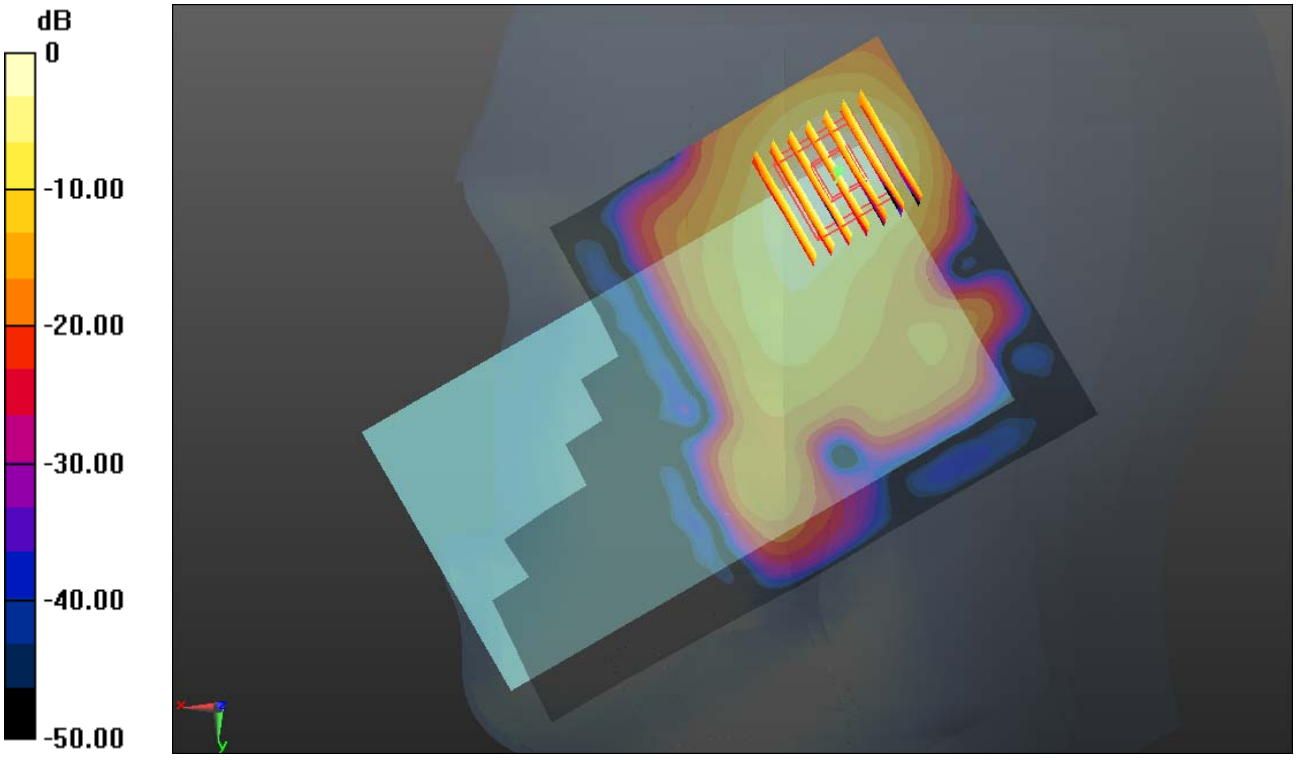
#05_WLAN2.4GHz_802.11b 1Mbps_1M_Right Cheek_Ch1

Communication System: WIFI (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_150204 Medium parameters used: f = 2412 MHz; σ = 1.773 mho/m; ε_r = 39.341; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.48, 7.48, 7.48); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (91x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.324 mW/g

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.782 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.458 W/kg
SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.322 mW/g



0 dB = 0.320mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015.02.02

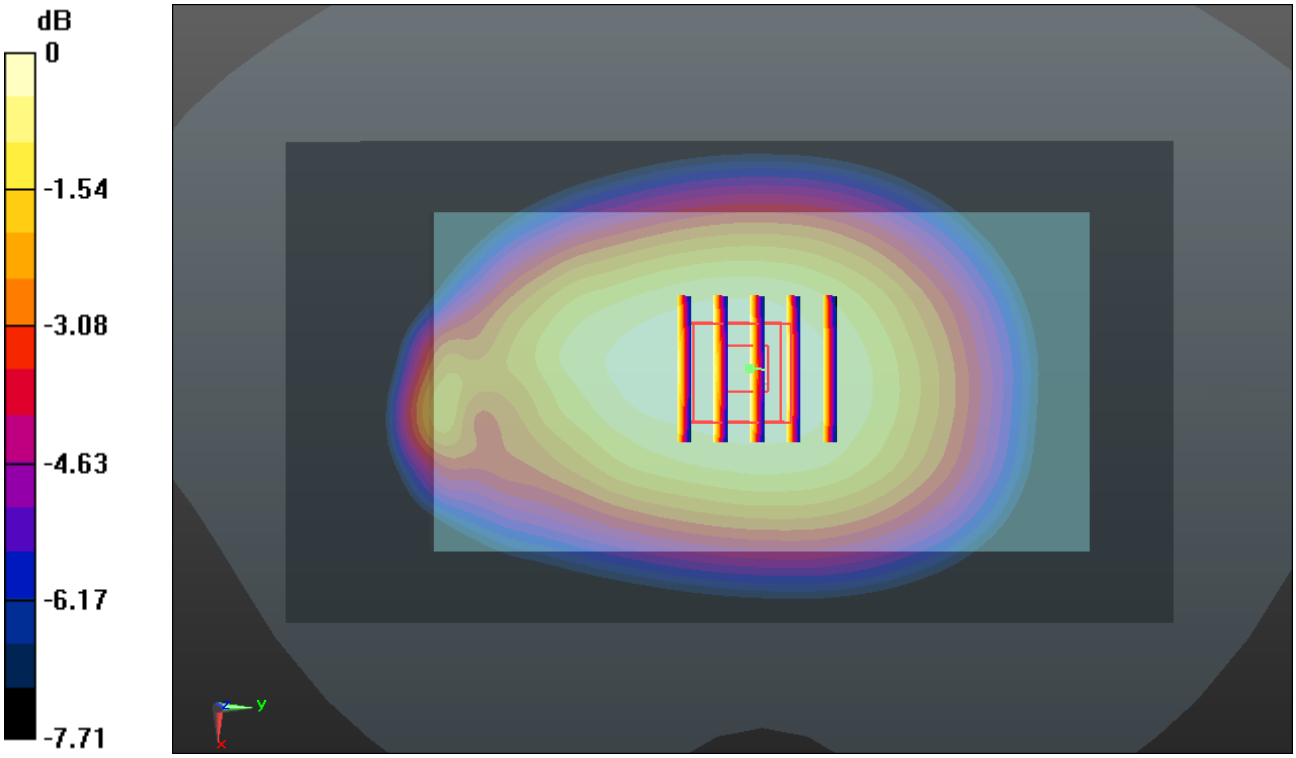
#06_GSM850_GPRS (4 Tx slots)_Back_1cm_Ch128

Communication System: GPRS/EDGE (4 Tx slots) (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_150202 Medium parameters used: f = 824.2 MHz; σ = 0.969 mho/m; ε_r = 54.57; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.31, 9.31, 9.31); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch128/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.188 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.369 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.283 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.800 mW/g
Maximum value of SAR (measured) = 1.181 mW/g



0 dB = 1.180mW/g

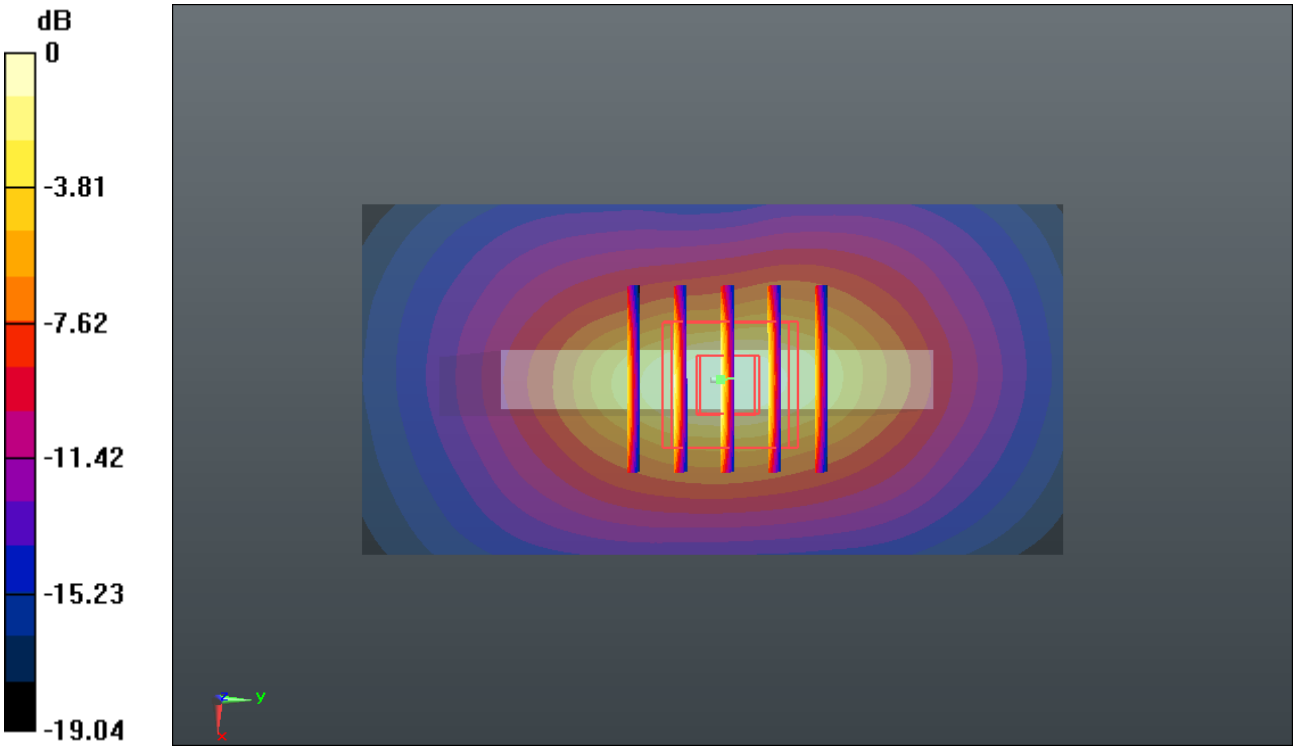
#07_GSM1900_GPRS (4 Tx slots)_Bottom Side_1cm_Ch810

Communication System: GPRS/EDGE (4 Tx slots) (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_150211 Medium parameters used: f = 1909.8 MHz; σ = 1.548 mho/m; ε_r = 52.762; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.56, 7.56, 7.56); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.370 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.880 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.689 W/kg
SAR(1 g) = 0.980 mW/g; SAR(10 g) = 0.503 mW/g
Maximum value of SAR (measured) = 1.382 mW/g



0 dB = 1.380mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015.02.02

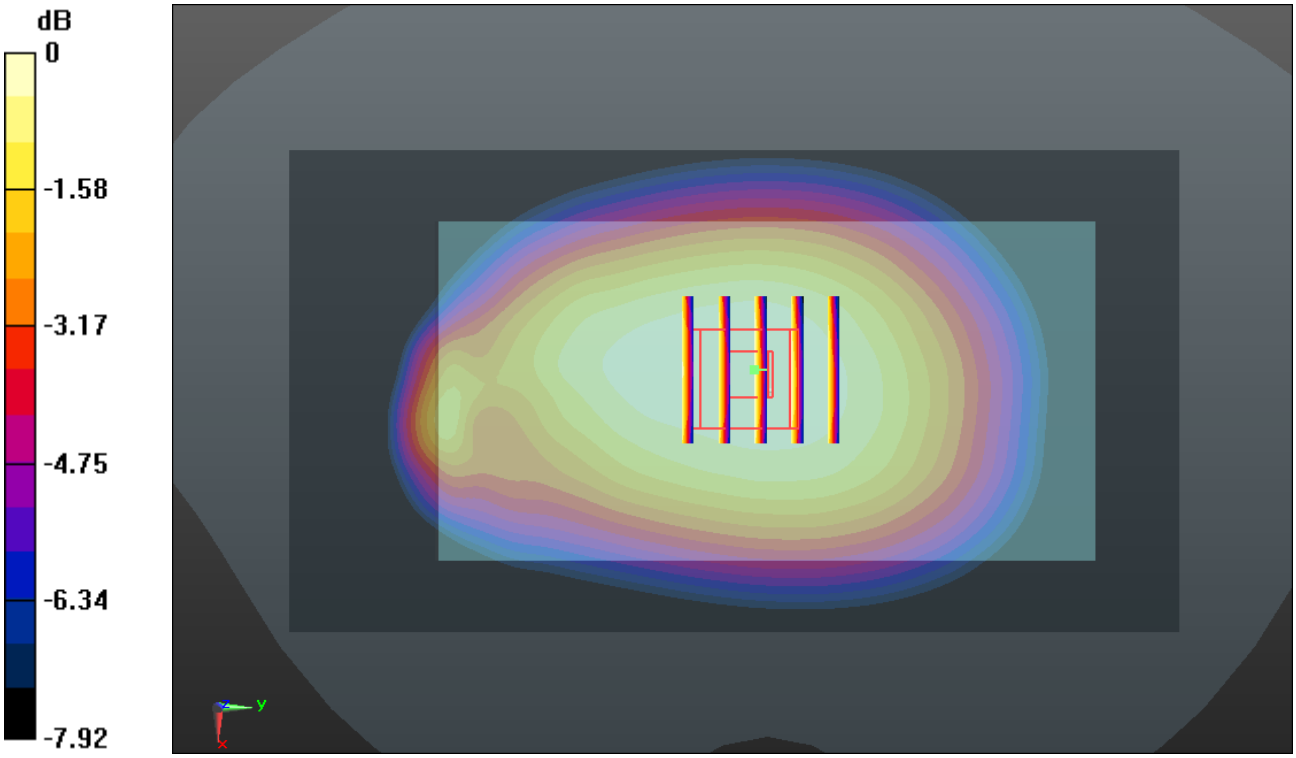
#08_WCDMA Band V_RMC12.2k_Back_1cm_Ch4182

Communication System: UMTS (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_150202 Medium parameters used: f = 836.4 MHz; σ = 0.982 mho/m; ε_r = 54.453; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(9.31, 9.31, 9.31); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.635 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.246 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.692 W/kg
SAR(1 g) = 0.554 mW/g; SAR(10 g) = 0.428 mW/g
Maximum value of SAR (measured) = 0.634 mW/g



0 dB = 0.630mW/g

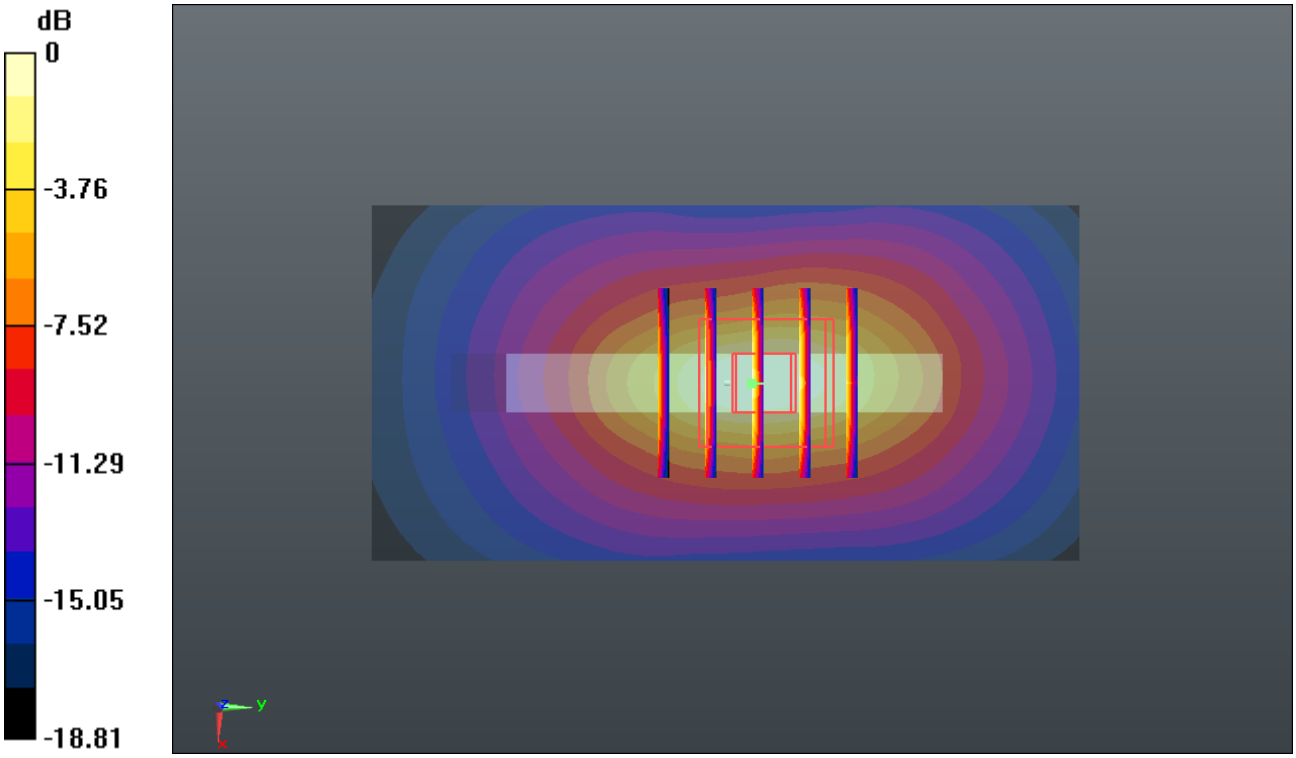
#09_WCDMA Band II_RMC12.2k_Bottom Side_1cm_Ch9538

Communication System: UMTS (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_150211 Medium parameters used: f = 1907.6 MHz; σ = 1.546 mho/m; ε_r = 52.768; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.56, 7.56, 7.56); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.566 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.679 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.966 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.577 mW/g
Maximum value of SAR (measured) = 1.595 mW/g



0 dB = 1.600mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015.02.02

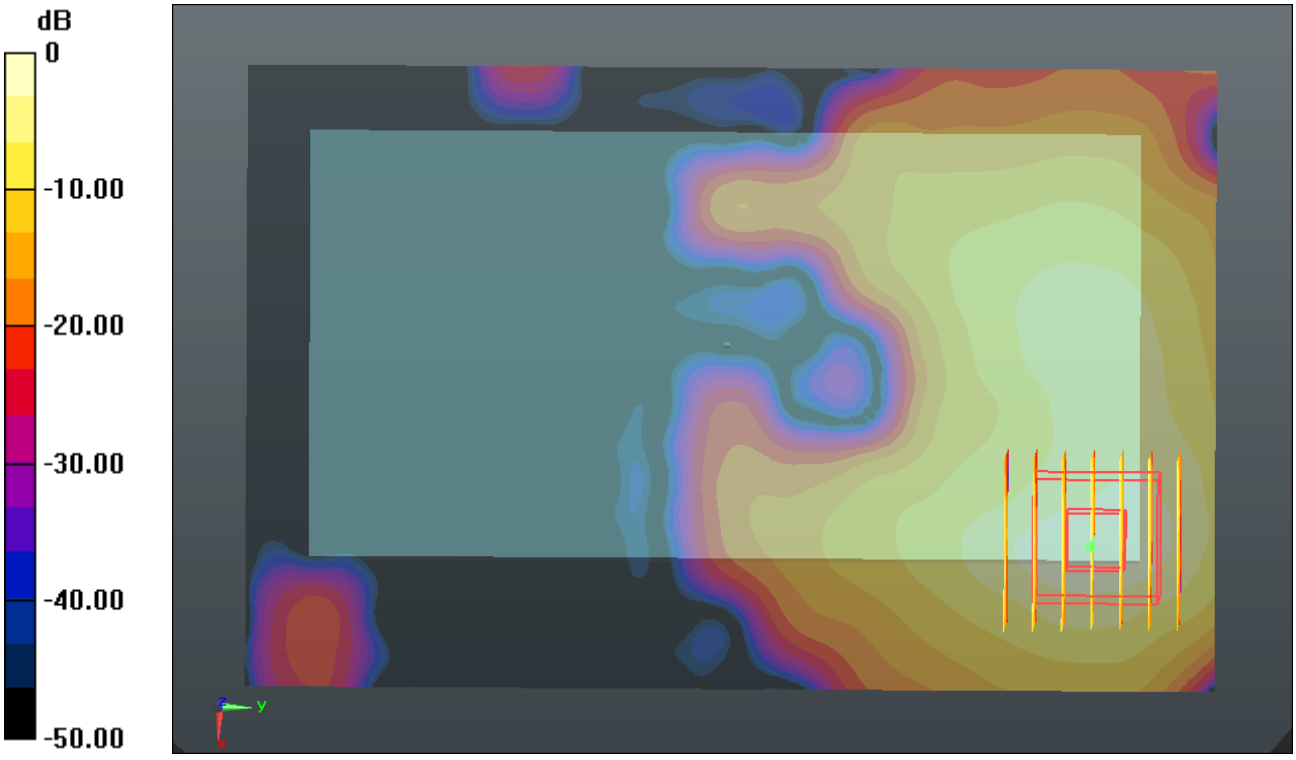
#10_WLAN2.4GHz_802.11b 1Mbps_Back_1cm_Ch11

Communication System: WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_150202 Medium parameters used: f = 2462 MHz; σ = 1.959 mho/m; ε_r = 50.913; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.14, 7.14, 7.14); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch11/Area Scan (91x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.162 mW/g

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.228 W/kg
SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.167 mW/g



0 dB = 0.170mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015.02.11

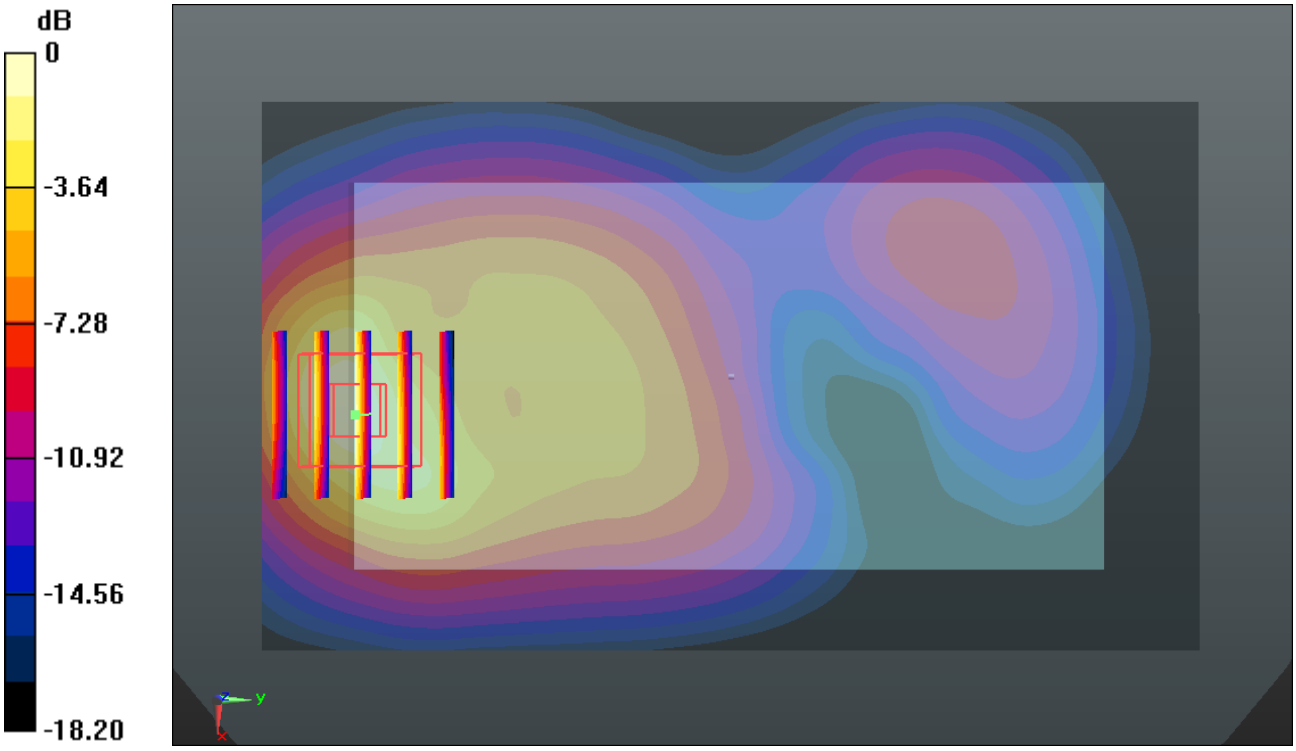
#11_GSM1900_GPRS (4 Tx slots)_Back_1cm_Ch810

Communication System: GPRS/EDGE (4 Tx slots) (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_150211 Medium parameters used: f = 1909.8 MHz; σ = 1.548 mho/m; ε_r = 52.762; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.56, 7.56, 7.56); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.069 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.074 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.341 W/kg
SAR(1 g) = 0.793 mW/g; SAR(10 g) = 0.429 mW/g
Maximum value of SAR (measured) = 1.102 mW/g



0 dB = 1.100mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015.02.11

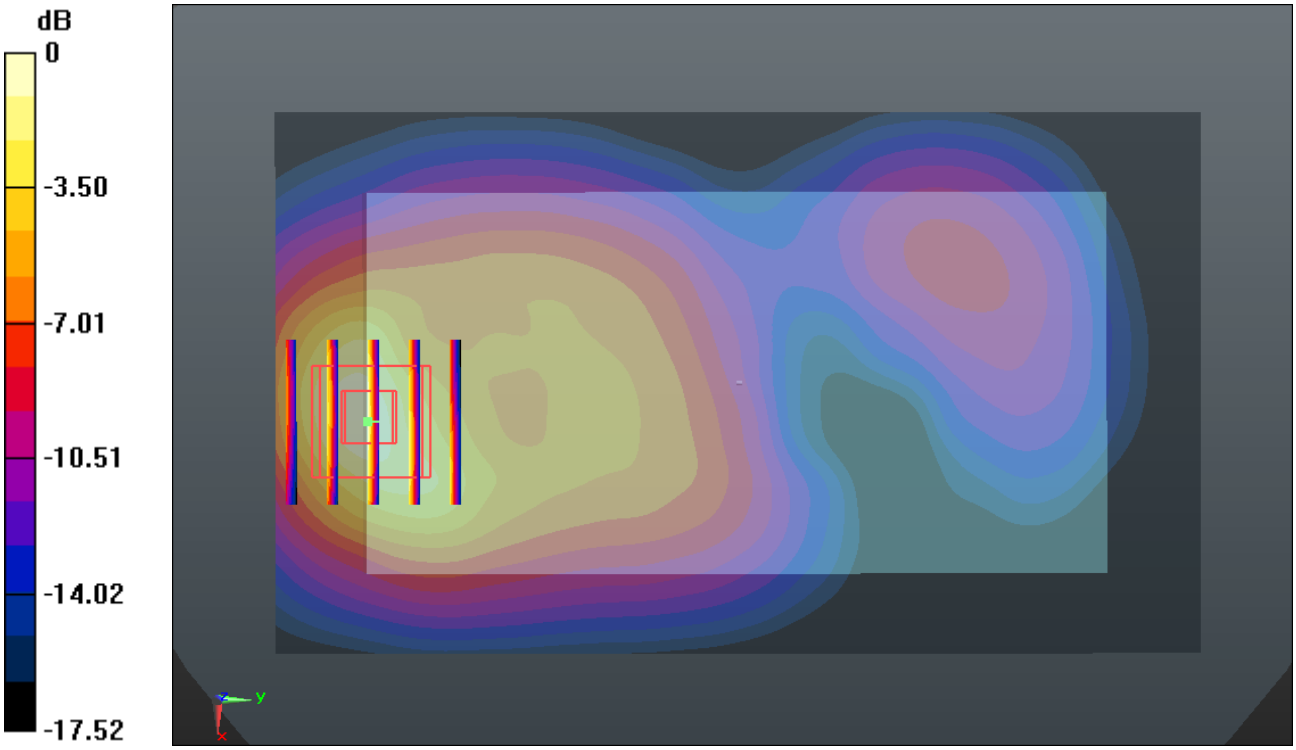
#12_WCDMA Band II_RMC12.2K_Back_1cm_Ch9538

Communication System: UMTS (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_150211 Medium parameters used: f = 1907.6 MHz; σ = 1.546 mho/m; ε_r = 52.768; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(7.56, 7.56, 7.56); Calibrated: 2014.05.23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2014.05.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.125 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.279 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.429 W/kg
SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.456 mW/g
Maximum value of SAR (measured) = 1.170 mW/g



0 dB = 1.170mW/g