Appendix B. Plots of High SAR Measurement

The plots are shown as follows.

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/24

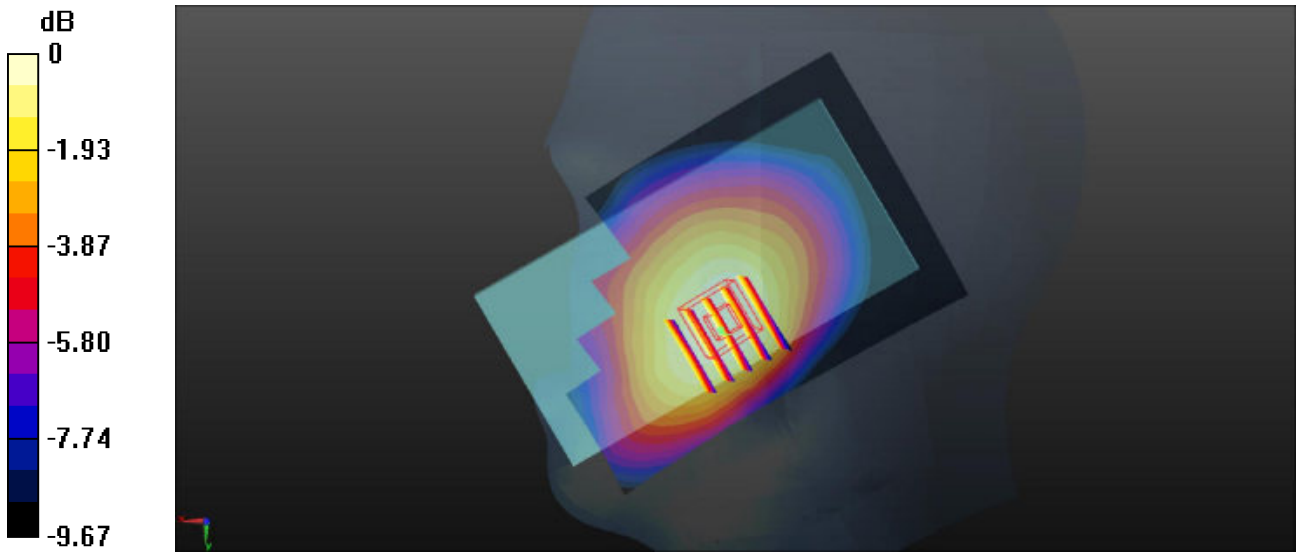
#01_GSM850_GPRS (3 Tx slots)_Right Cheek_0mm_Ch251

Communication System: UID 0, GPRS (GMSK 3 Tx slot) (0); Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium: HSL_835_2016/03/24 Medium parameters used: f = 848.8 MHz; σ = 0.925 S/m; ε_r = 40.705;ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature ：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.75, 9.75, 9.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.301 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.055 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.328 W/kg
SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.202 W/kg
Maximum value of SAR (measured) = 0.295 W/kg



0 dB = 0.295 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/25

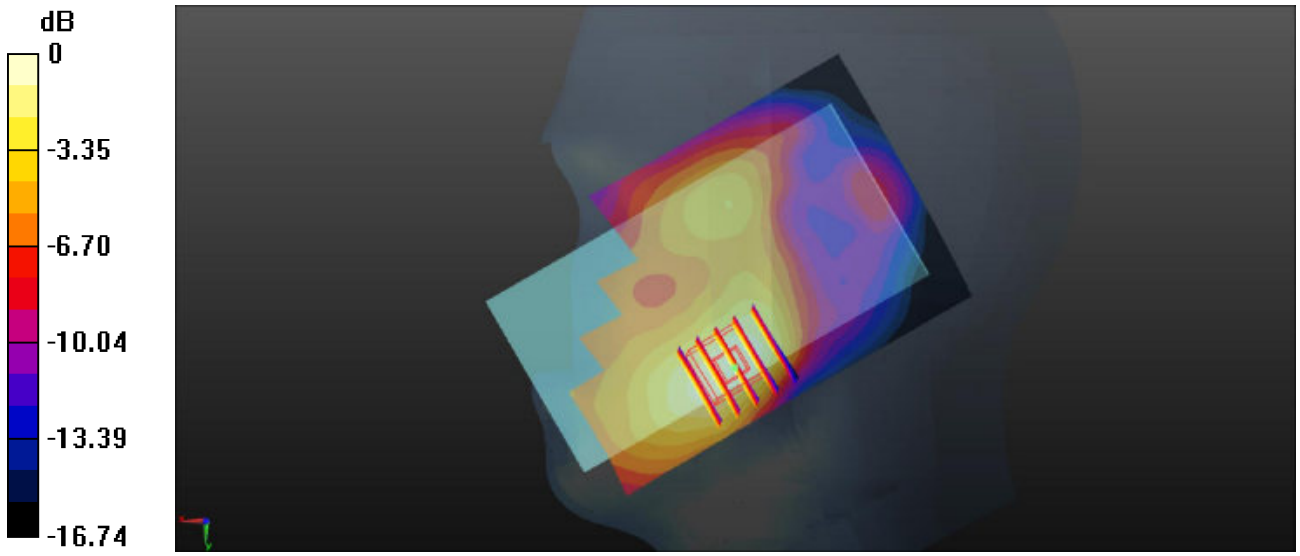
#02_GSM1900_GPRS (3 Tx slots)_Right Cheek_0mm_Ch661

Communication System: UID 0, GPRS (GMSK 3 Tx slot) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: HSL_1900_2016/03/25 Medium parameters used: f = 1880 MHz; σ = 1.427 S/m; ε_r = 39.177; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature ：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.12, 8.12, 8.12); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.123 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.442 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.146 W/kg
SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.060 W/kg
Maximum value of SAR (measured) = 0.121 W/kg



0 dB = 0.121 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/24

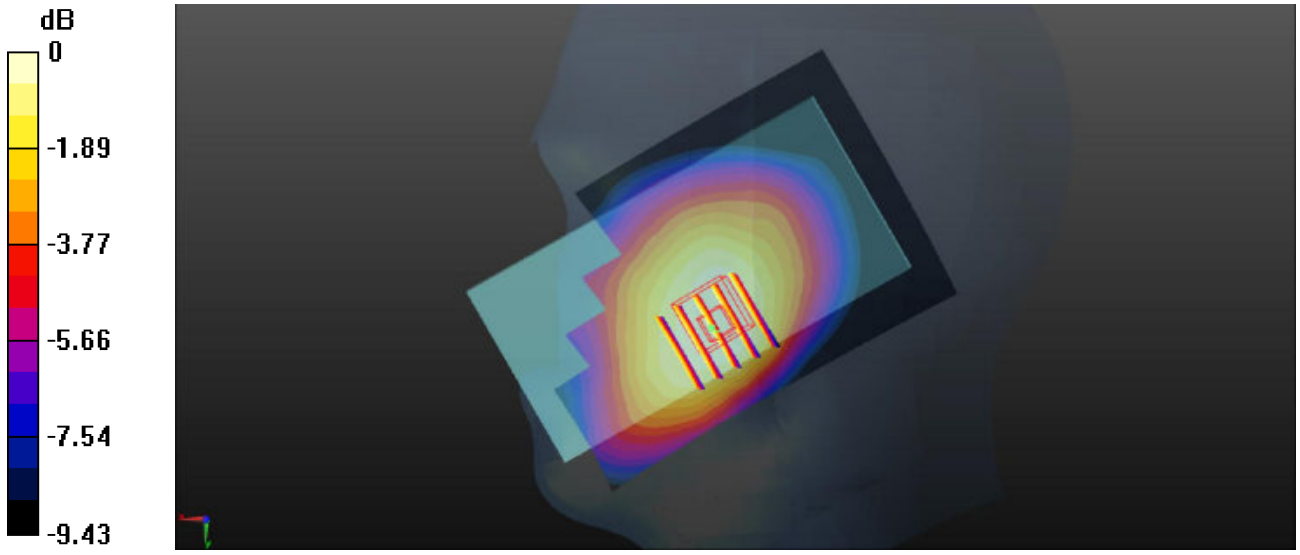
#03_WCDMA Band V_RMC 12.2Kbps_Right Cheek_0mm_Ch4233

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_2016/03/24 Medium parameters used : f = 846.6 MHz; σ = 0.923 S/m; ε_r = 40.736; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature ：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.75, 9.75, 9.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.252 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.438 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.264 W/kg
SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.167 W/kg
Maximum value of SAR (measured) = 0.241 W/kg



0 dB = 0.241 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/25

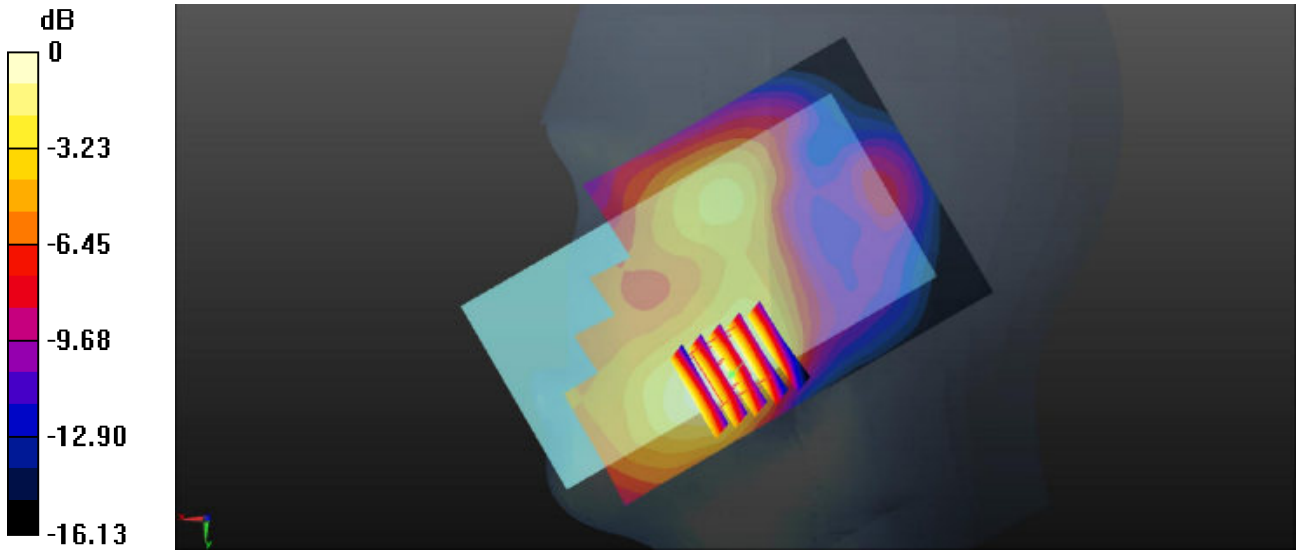
#04_WCDMA Band II_RMC 12.2Kbps_Right Cheek_0mm_Ch9538

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_2016/03/25 Medium parameters used: f = 1907.6 MHz; σ = 1.456 S/m; ε_r =39.076; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature ：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.12, 8.12, 8.12); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9538/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.121 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.392 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.140 W/kg
SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.058 W/kg
Maximum value of SAR (measured) = 0.118 W/kg



0 dB = 0.118 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/24

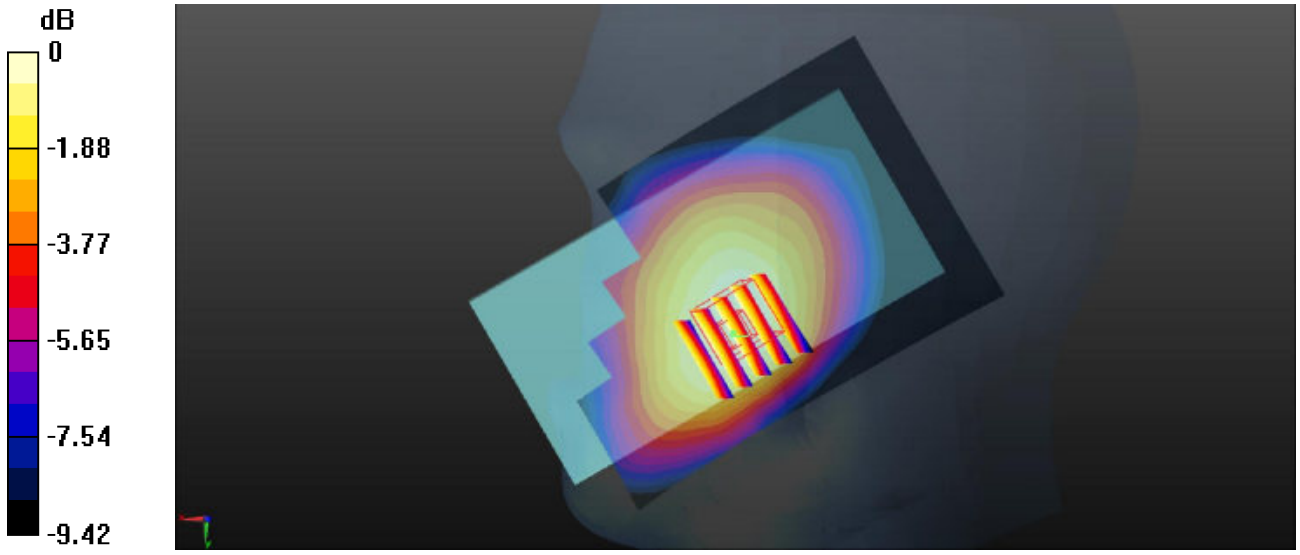
#05_LTE Band 5_10M_QPSK_1RB_25offset_Right Cheek_0mm_Ch20525

Communication System: UID 0, FDD-LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_2016/03/24 Medium parameters used: f = 836.5 MHz; σ = 0.914 S/m; ε_r = 40.842; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature ：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.75, 9.75, 9.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20525/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.250 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.006 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.262 W/kg
SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.170 W/kg
Maximum value of SAR (measured) = 0.243 W/kg



0 dB = 0.243 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/25

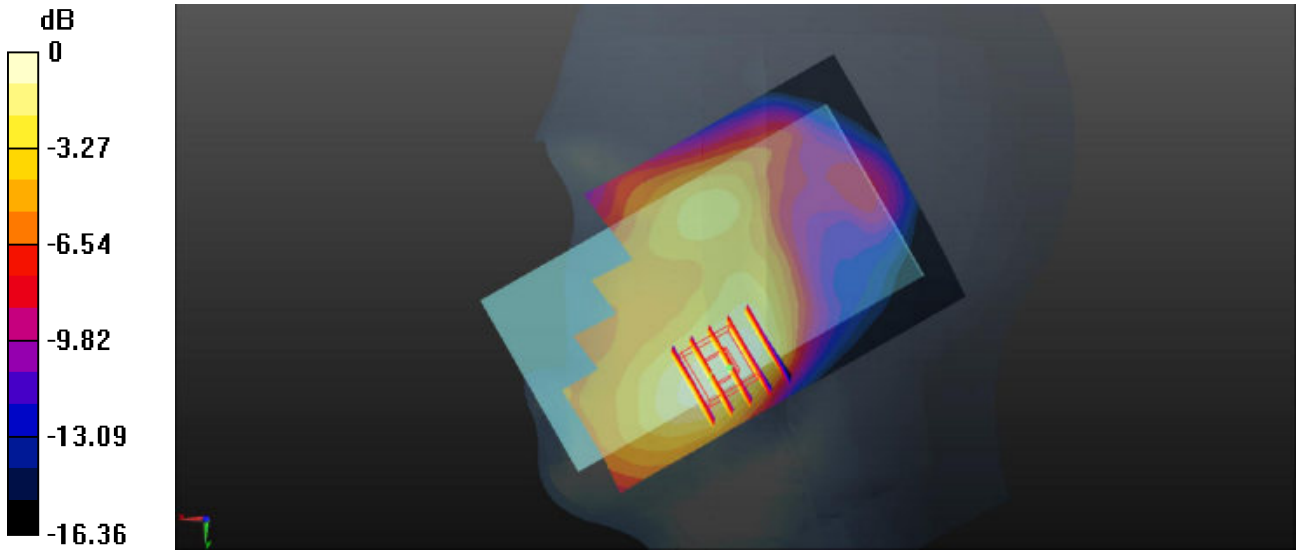
#06_LTE Band 4_20M_QPSK_1RB_49offset_Right Cheek_0mm_Ch20175

Communication System: UID 0, FDD-LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_2016/03/25 Medium parameters used: f = 1732.5 MHz; σ = 1.386 S/m; ε_r = 41.595; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature ：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.41, 8.41, 8.41); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.208 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.534 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.106 W/kg
Maximum value of SAR (measured) = 0.202 W/kg



0 dB = 0.202 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/25

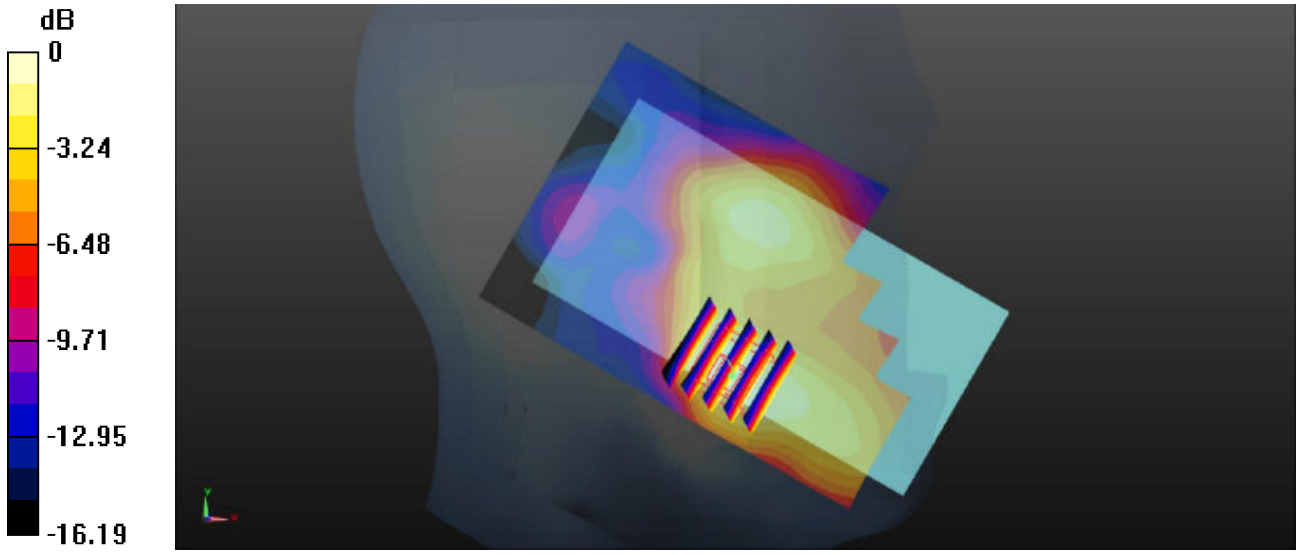
#07_LTE Band 2_20M_QPSK_1RB_49offset_Left Cheek_0mm_Ch18700

Communication System: UID 0, FDD-LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_2016/03/25 Medium parameters used: f = 1860 MHz; σ = 1.406 S/m; ε_r = 39.251; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature ：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.12, 8.12, 8.12); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18700/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0951 W/kg

Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.715 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.119 W/kg
SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.034 W/kg
Maximum value of SAR (measured) = 0.0848 W/kg



0 dB = 0.0848 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/24

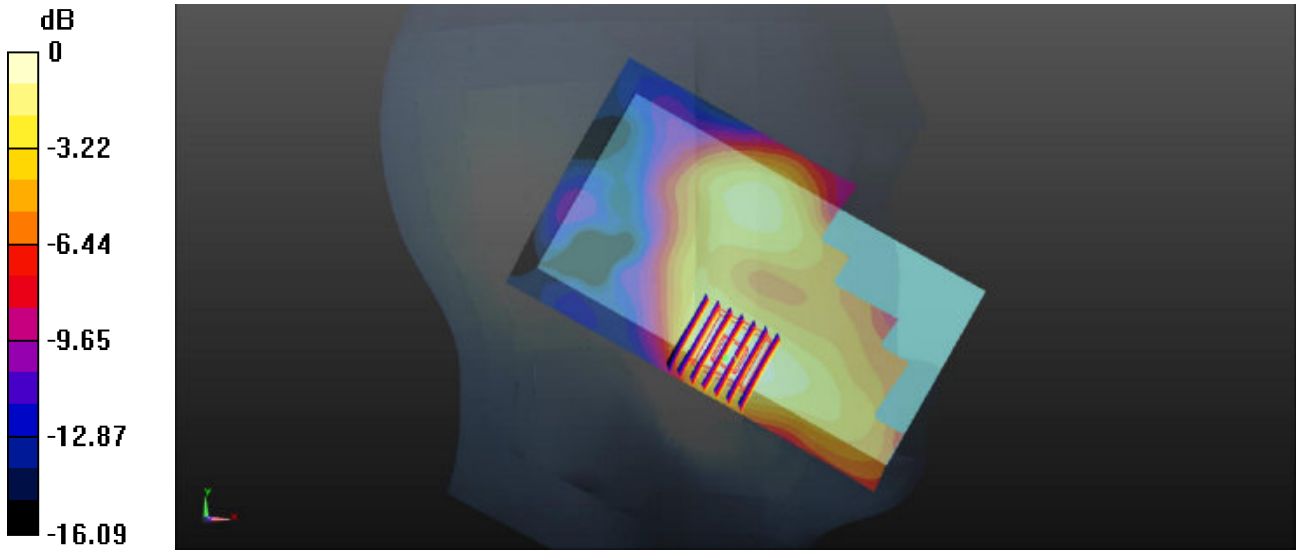
#08_LTE Band 7_20M_QPSK_1RB_49offset_Left Cheek_0mm_Ch21100

Communication System: UID 0, FDD-LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_2016/03/24 Medium parameters used: f = 2535 MHz; σ = 1.978 S/m; ε_r = 38.292; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature ：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.18, 7.18, 7.18); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.136 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.805 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.162 W/kg
SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.052 W/kg
Maximum value of SAR (measured) = 0.126 W/kg



0 dB = 0.126 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/28

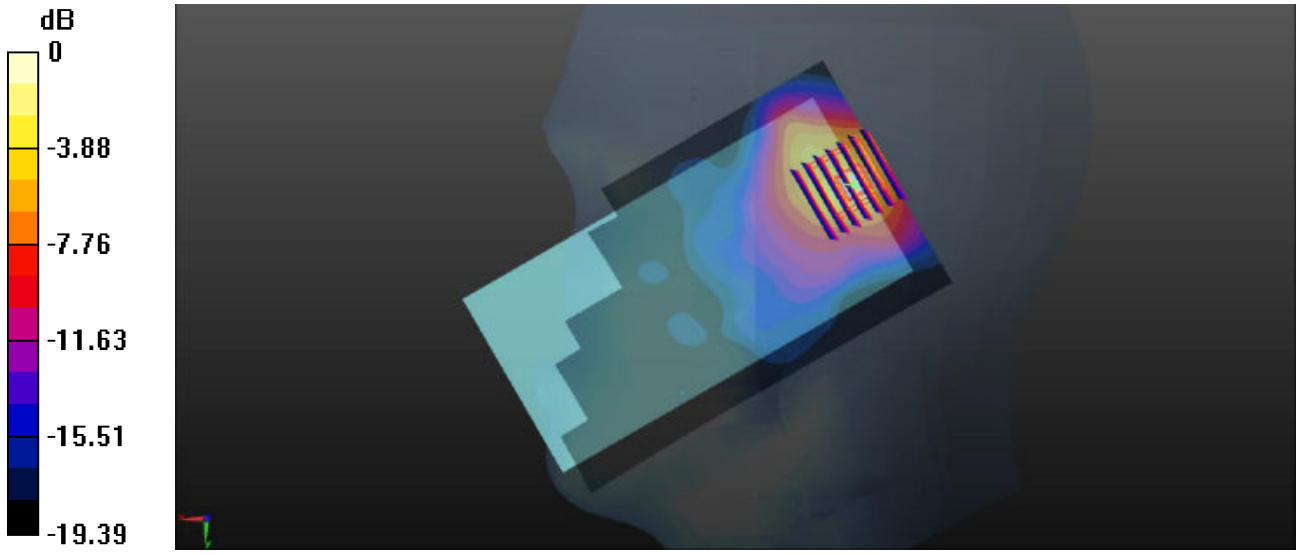
#09_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_0mm_Ch6

Communication System: UID 0, 802.11b (0); Frequency: 2437 MHz;Duty Cycle: 1:1.024
Medium: HSL_2450_2016/03/28 Medium parameters used: f = 2437 MHz; σ = 1.867 S/m; ε_r = 37.711; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature ：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.31, 7.31, 7.31); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.212 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.480 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.220 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016.4.7

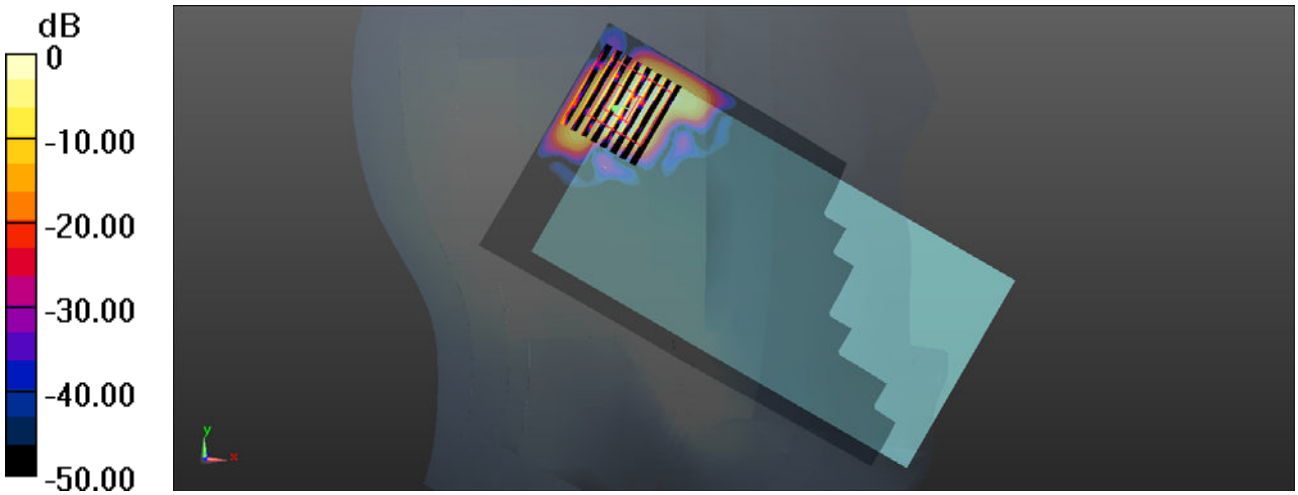
#10_WLAN5GHz_5.3G 802.11a 6Mbps_Left Cheek_0mm_Ch64

Communication System: UID 0, WIFI (0); Frequency: 5320 MHz;Duty Cycle: 1:1.147
Medium: HSL_5000_160407 Medium parameters used: f = 5320 MHz; σ = 4.938 S/m; ε_r = 35.241; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(4.97, 4.97, 4.97); Calibrated: 2015.5.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2015.5.21
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch64/Area Scan (91x171x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.388 W/kg

Ch64/Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.122 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.499 W/kg
SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.250 W/kg



0 dB = 0.250 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016.4.7

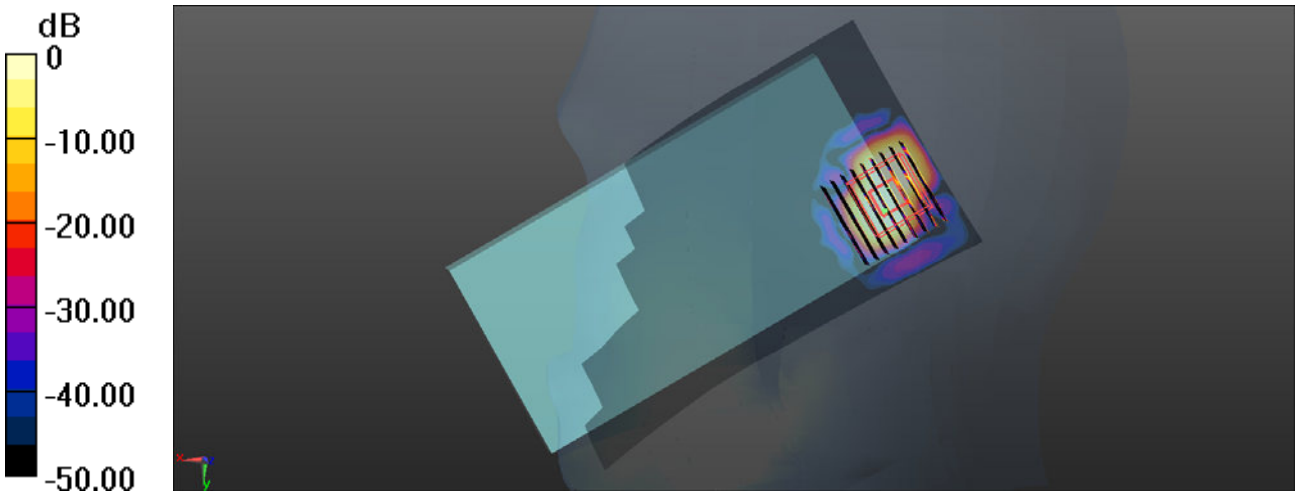
#11_WLAN5GHz_5.5G 802.11a 6Mbps_Right Cheek_0mm_Ch140

Communication System: UID 0, WIFI (0); Frequency: 5700 MHz;Duty Cycle: 1:1.147
Medium: HSL_5000_160407 Medium parameters used: f = 5700 MHz; σ = 5.332 S/m; ε_r = 34.501; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(4.76, 4.76, 4.76); Calibrated: 2015.5.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2015.5.21
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch140/Area Scan (91x171x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.174 W/kg

Ch140/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.688 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.292 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.00823 W/kg
Maximum value of SAR (measured) = 0.0571 W/kg



0 dB = 0.0571 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016.4.7

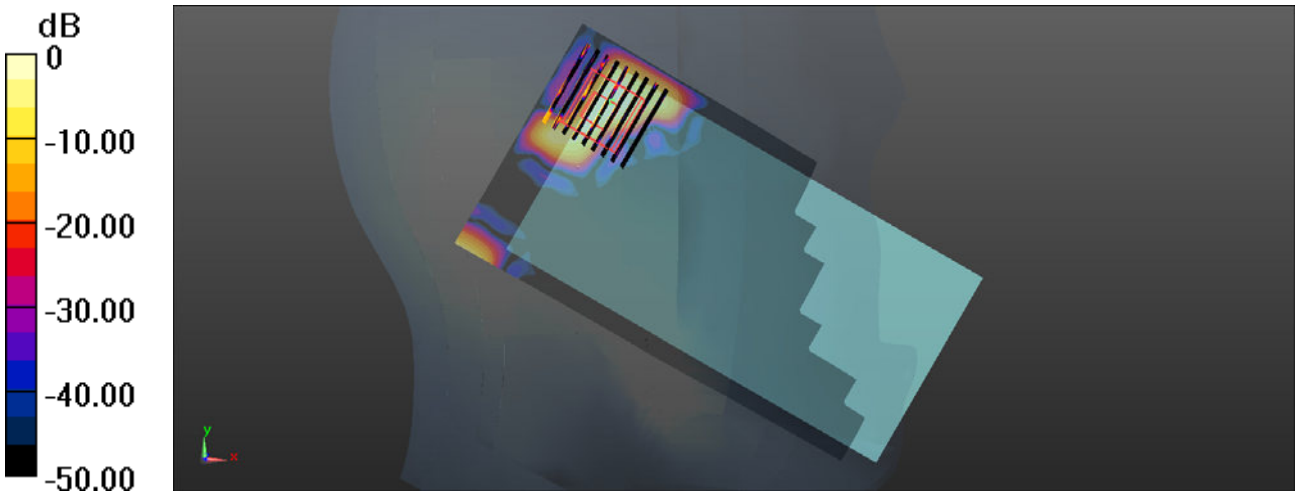
#12_WLAN5GHz_5.8G 802.11a 6Mbps_Left Cheek_0mm_Ch149

Communication System: UID 0, WIFI (0); Frequency: 5745 MHz;Duty Cycle: 1:1.147
Medium: HSL_5000_160407 Medium parameters used: f = 5745 MHz; σ = 5.383 S/m; ε_r = 34.469; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3857; ConvF(4.76, 4.76, 4.76); Calibrated: 2015.5.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2015.5.21
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch149/Area Scan (91x171x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.177 W/kg

Ch149/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.614 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.233 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.010 W/kg
Maximum value of SAR (measured) = 0.0914 W/kg



0 dB = 0.0914 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016.4.8

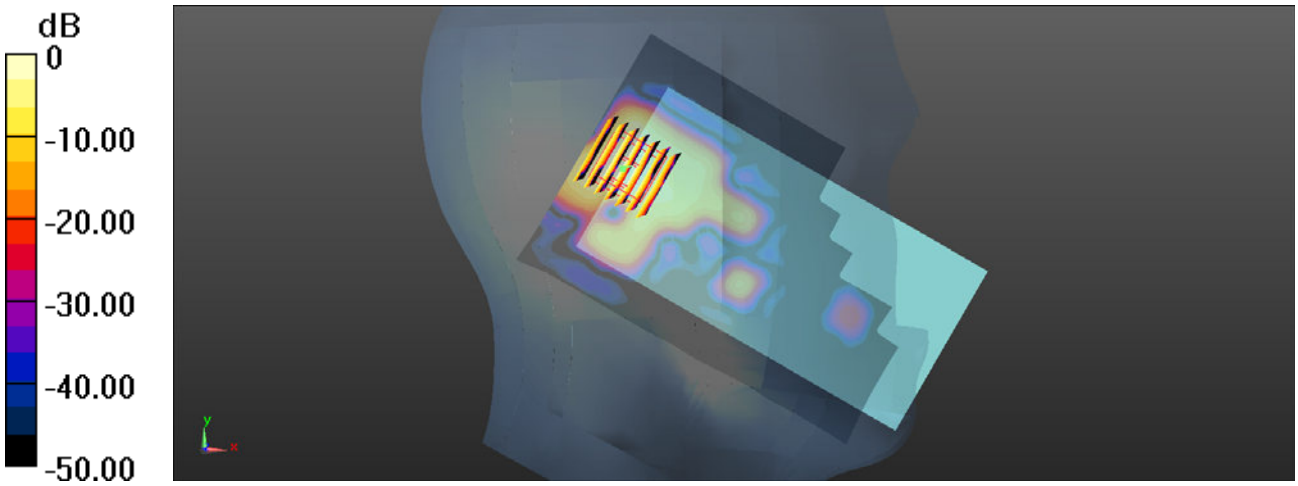
#13_Bluetooth_1Mbps_Left Cheek_0mm_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.2
Medium: HSL_2450_160408 Medium parameters used: f = 2441 MHz; σ = 1.771 S/m; ε_r = 40.695; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3954; ConvF(7.32, 7.32, 7.32); Calibrated: 2015.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2015.7.16
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0946 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.623 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.109 W/kg
SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.018 W/kg
Maximum value of SAR (measured) = 0.0760 W/kg



0 dB = 0.0760 W/kg = -11.19 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/21

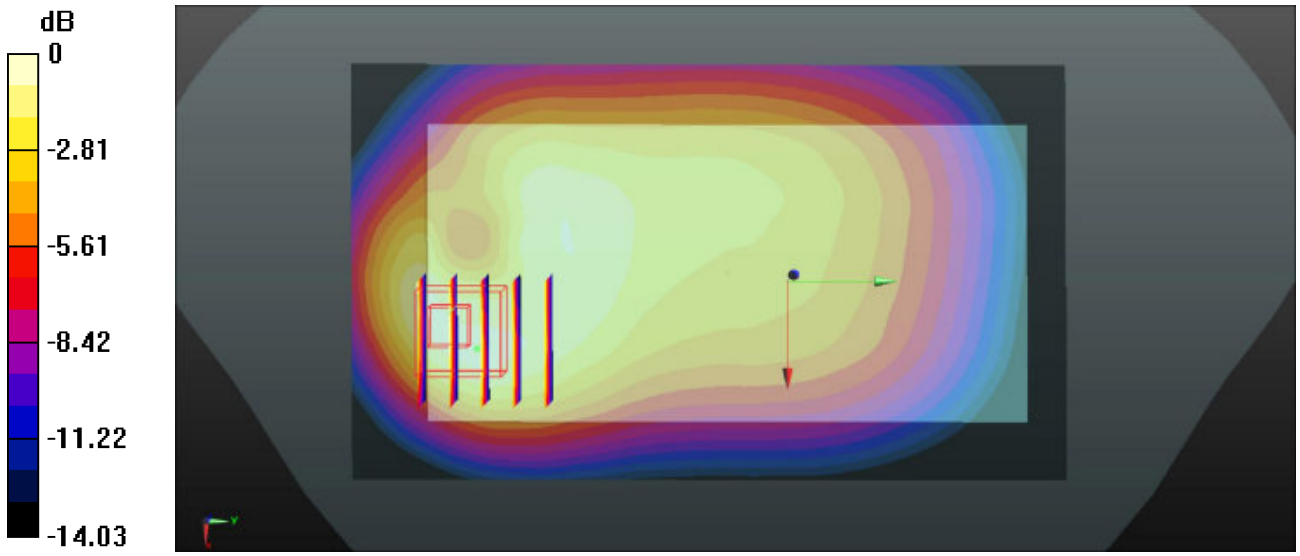
#14_GSM850_GPRS (3 Tx slots)_Back_10mm_Ch251

Communication System: UID 0, GPRS (GMSK 3 Tx slot) (0); Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_2016/03/21 Medium parameters used: f = 848.8 MHz; σ = 1.026 S/m; ε_r = 56.11; ρ= 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.749 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.92 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.343 W/kg
Maximum value of SAR (measured) = 0.800 W/kg



0 dB = 0.800 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/22

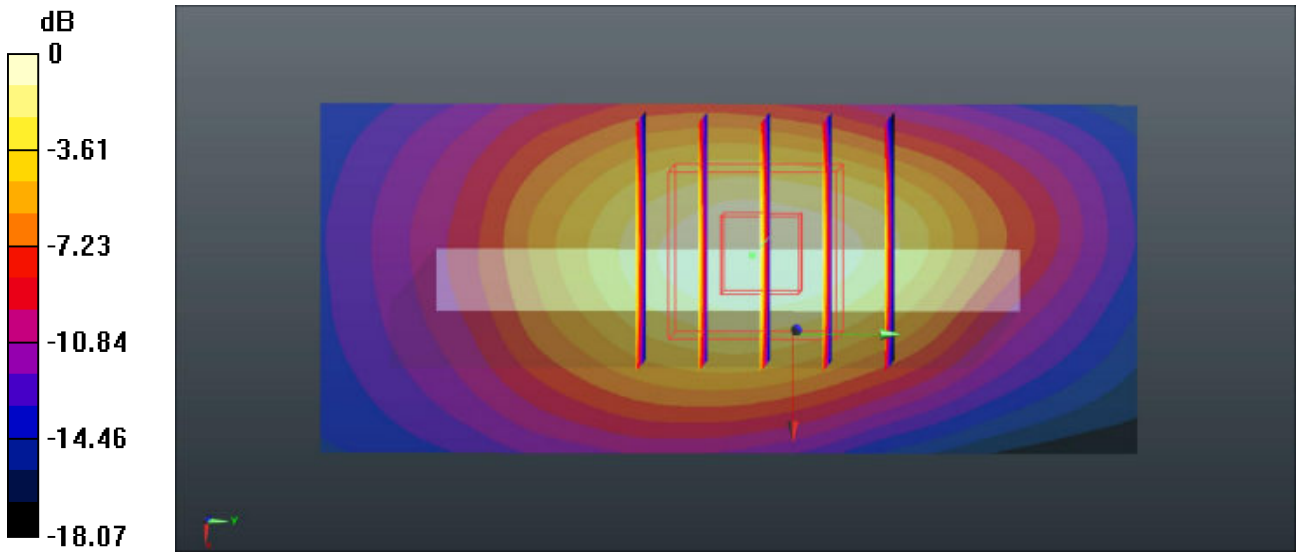
#15_GSM1900_GPRS (3 Tx slots)_Bottom side_10mm_Ch512

Communication System: UID 0, GPRS (GMSK 3 Tx slot) (0); Frequency: 1850.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_2016/03/22 Medium parameters used: f = 1850.2 MHz; σ = 1.494 S/m; ε_r = 55.47; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch512/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.57 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.54 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.585 W/kg
Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/21

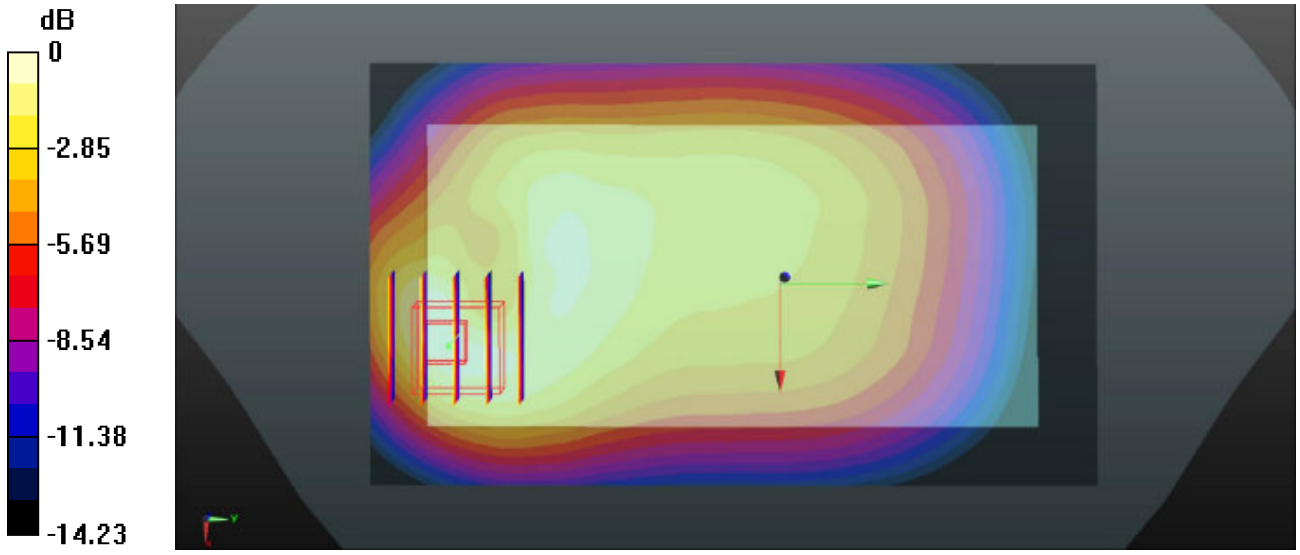
#16_WCDMA Band V_RMC 12.2Kbps_Back_10mm_Ch4233

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_2016/03/21 Medium parameters used: f = 846.6 MHz; σ = 1.024 S/m; ε_r = 56.127;ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.488 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.06 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.647 W/kg
SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.222 W/kg
Maximum value of SAR (measured) = 0.521 W/kg



0 dB = 0.521 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/22

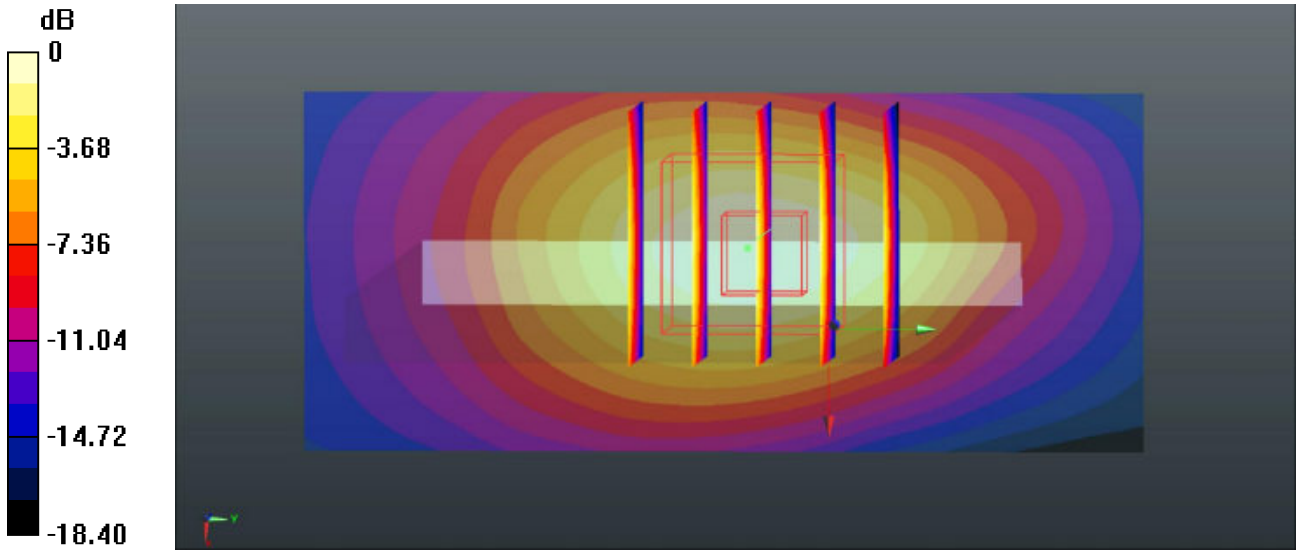
#17_WCDMA Band II_RMC 12.2Kbps_Bottom side_10mm_Ch9262

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_2016/03/22 Medium parameters used: f = 1852.4 MHz; σ = 1.496 S/m; ε_r = 55.471; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9262/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.55 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.64 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.586 W/kg
Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/21

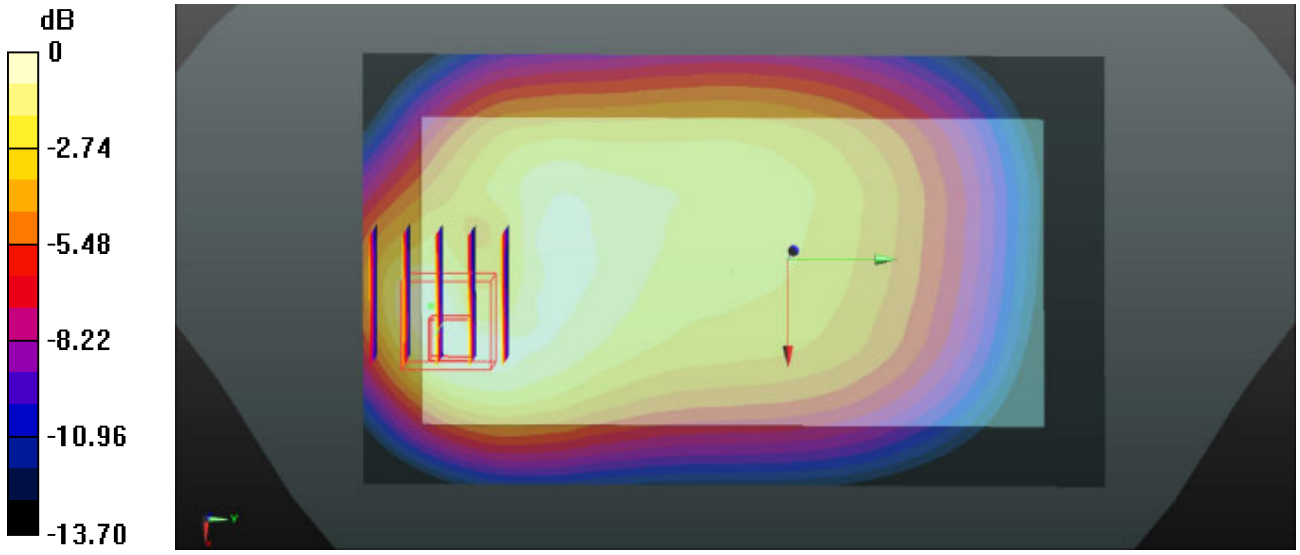
#18_LTE Band 5_10M_QPSK_1RB_25offset_Back_10mm_Ch20525

Communication System: UID 0, FDD-LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_2016/03/21 Medium parameters used: f = 836.5 MHz; σ = 1.013 S/m; ε_r = 56.227; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20525/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.480 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.98 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.621 W/kg
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.207 W/kg
Maximum value of SAR (measured) = 0.486 W/kg



0 dB = 0.486 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/23

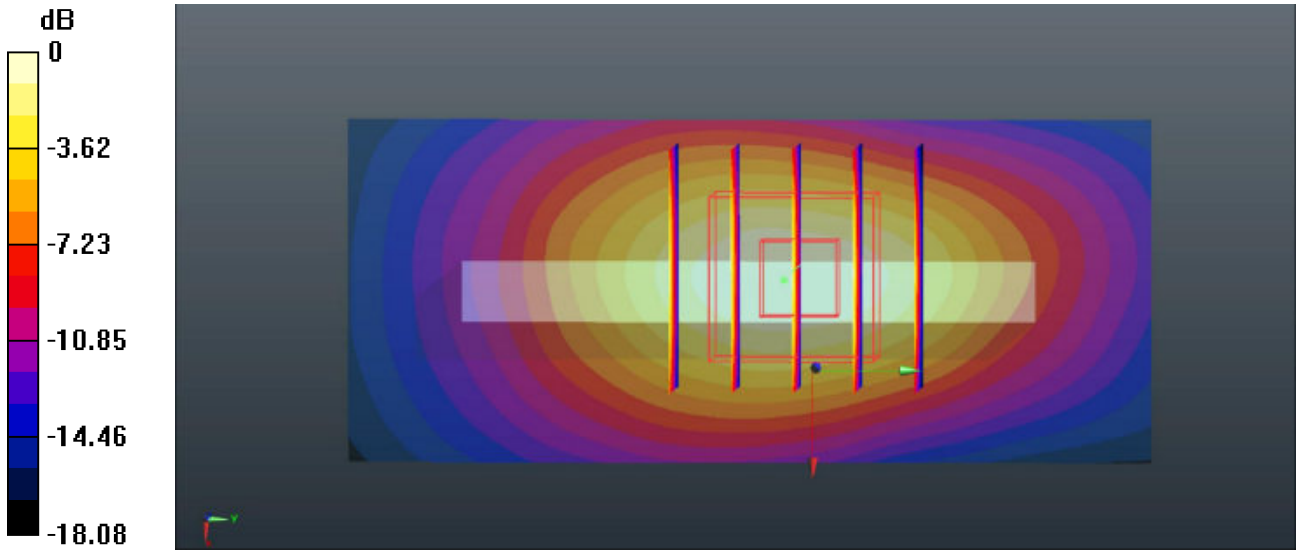
#19_LTE Band 4_20M_QPSK_1RB_49offset_Bottom side_10mm_Ch20175

Communication System: UID 0, FDD-LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_2016/03/23 Medium parameters used: f = 1732.5 MHz; σ = 1.475 S/m; ε_r = 53.546; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature ：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.01, 8.01, 8.01); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.87 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.17 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.16 W/kg
SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.676 W/kg
Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.74 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/22

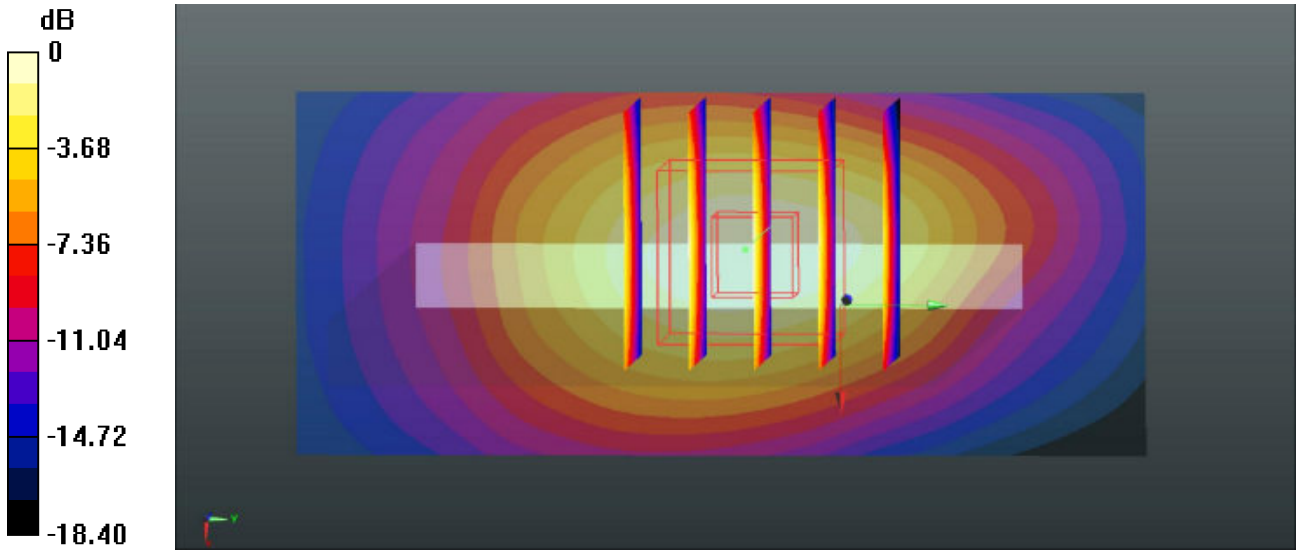
#20_LTE Band 2_20M_QPSK_1RB_49offset_Bottom side_10mm_Ch18900

Communication System: UID 0, FDD-LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_2016/03/22 Medium parameters used: f = 1880 MHz; σ = 1.524 S/m; ε_r = 55.446; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18900/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.72 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.71 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.642 W/kg
Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/21

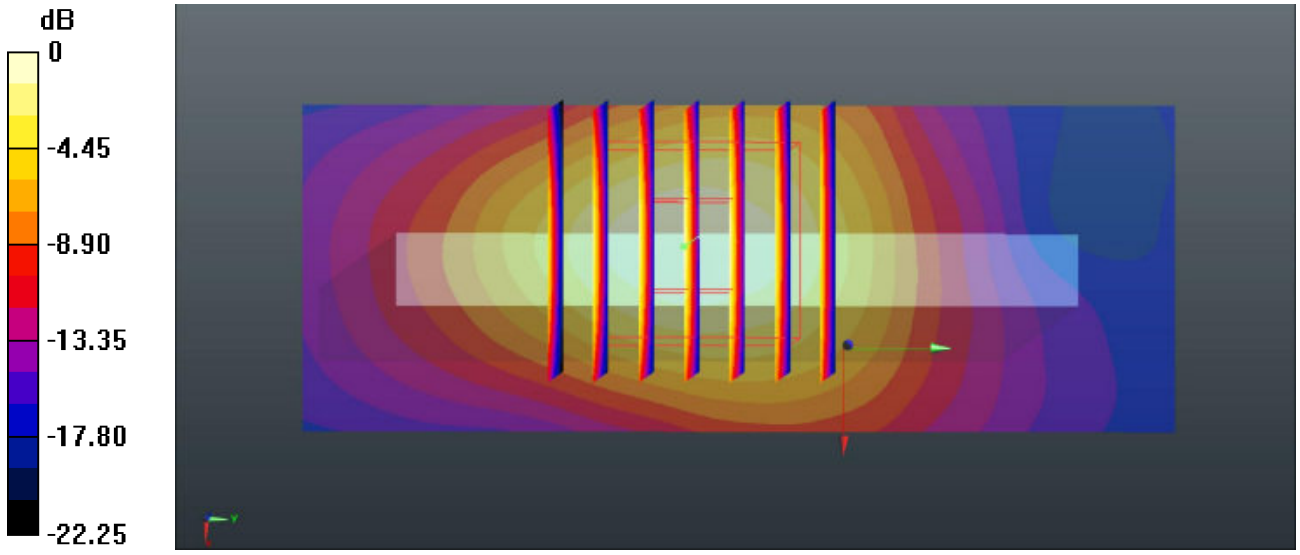
#21_LTE Band 7_20M_QPSK_1RB_49offset_Bottom side_10mm_Ch20850

Communication System: UID 0, FDD-LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: MSL_2600_2016/03/21 Medium parameters used: f = 2510 MHz; σ = 2.061 S/m; ε_r = 51.681; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.14, 7.14, 7.14); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20850/Area Scan (31x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.88 W/kg

Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.19 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.37 W/kg
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.548 W/kg
Maximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.80 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/29

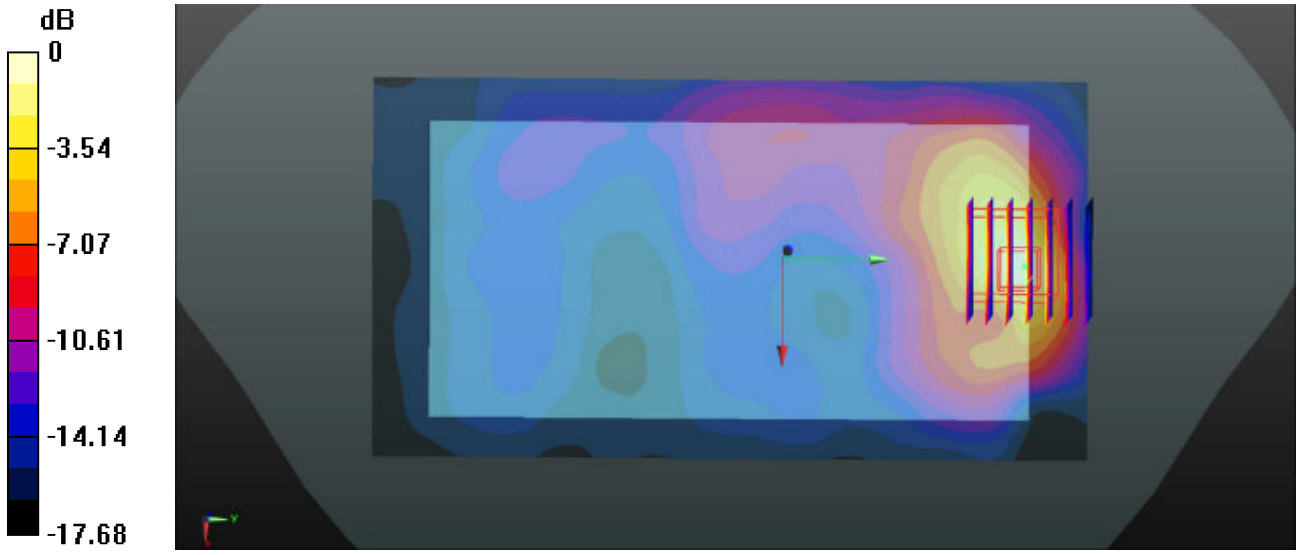
#22_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch6

Communication System: UID 0, 802.11b (0); Frequency: 2437 MHz;Duty Cycle: 1:1.024
Medium: MSL_2450_2016/03/29 Medium parameters used: f = 2437 MHz; σ = 1.964 S/m; ε_r = 52.685; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature ：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.34, 7.34, 7.34); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (81x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.160 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.975 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.215 W/kg
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.043 W/kg
Maximum value of SAR (measured) = 0.148 W/kg



0 dB = 0.148 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/22

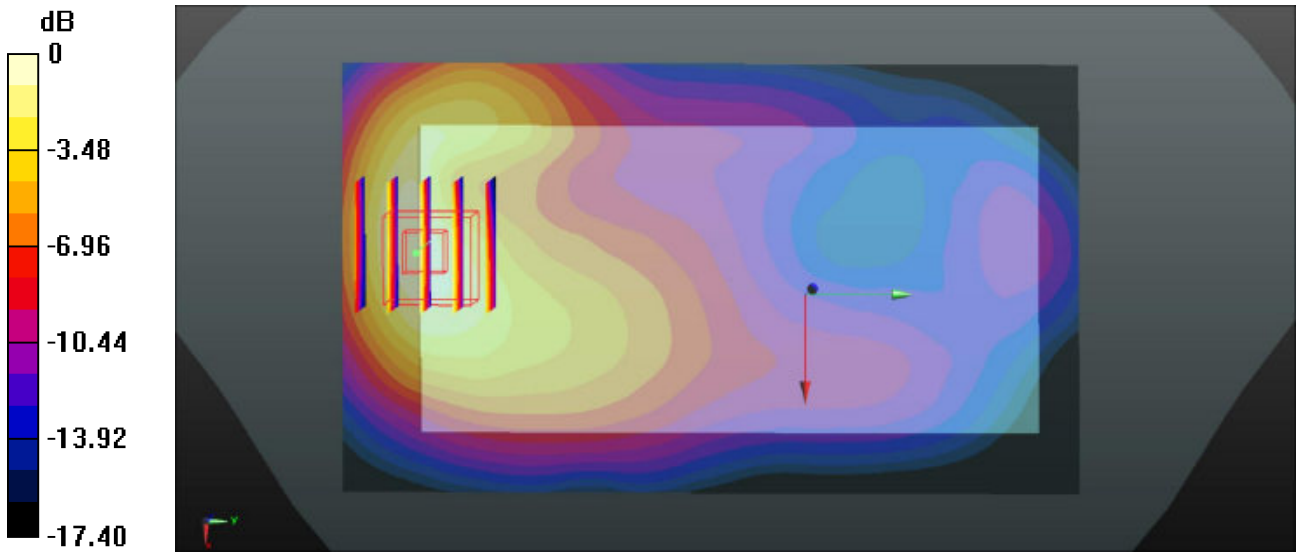
#23_GSM1900_GPRS (3 Tx slots)_Front_10mm_Ch661

Communication System: UID 0, GPRS (GMSK 3 Tx slot) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_2016/03/22 Medium parameters used: f = 1880 MHz; σ = 1.524 S/m; ε_r = 55.446; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.704 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.783 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.878 W/kg
SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.303 W/kg
Maximum value of SAR (measured) = 0.719 W/kg



0 dB = 0.719 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/22

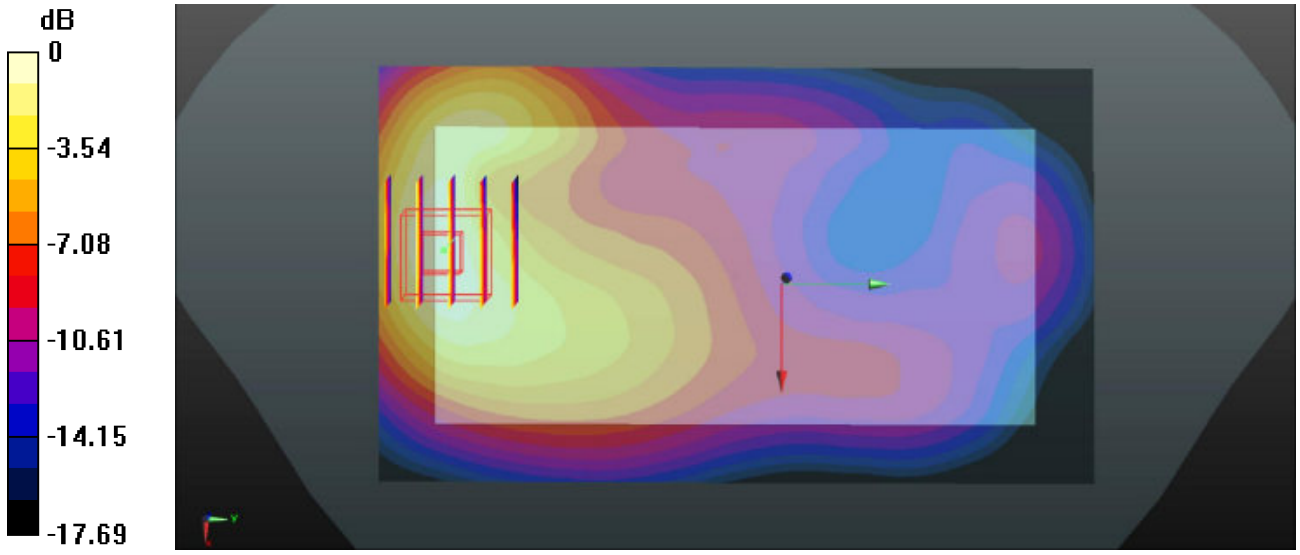
#24_WCDMA Band II_RMC 12.2Kbps_Front_10mm_Ch9538

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_2016/03/22 Medium parameters used: f = 1907.6 MHz; σ = 1.552 S/m; ε_r =55.278; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9538/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.654 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.017 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.785 W/kg
SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.274 W/kg
Maximum value of SAR (measured) = 0.626 W/kg



0 dB = 0.626 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/23

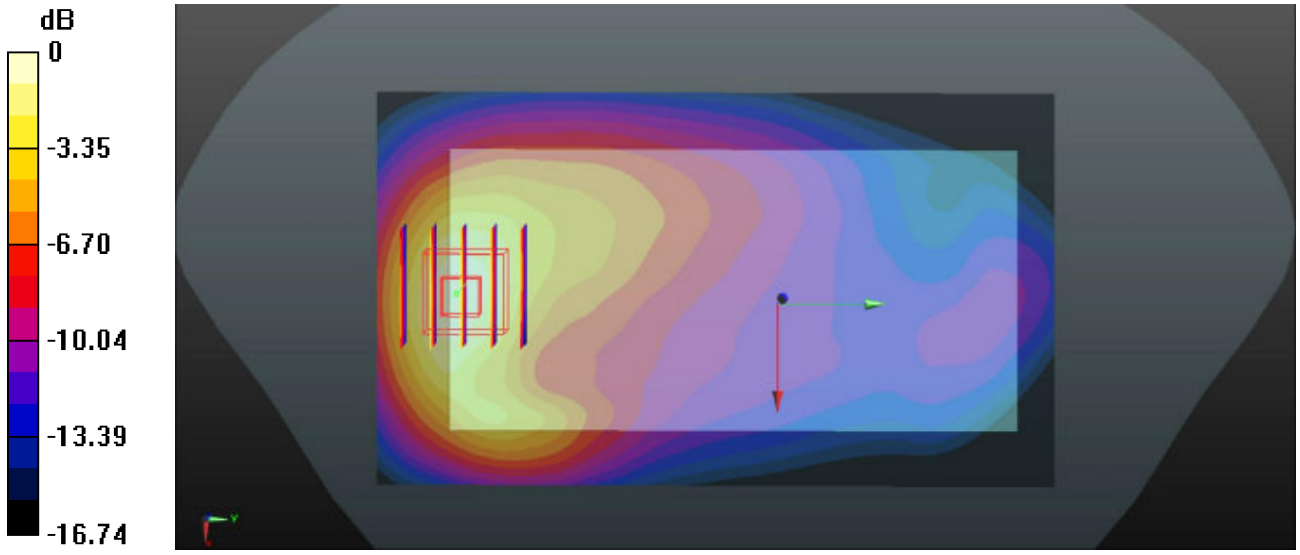
#25_LTE Band 4_20M_QPSK_1RB_49offset_Back_10mm_Ch20175

Communication System: UID 0, FDD-LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_2016/03/23 Medium parameters used: f = 1732.5 MHz; σ = 1.475 S/m; ε_r = 53.546; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature ：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.01, 8.01, 8.01); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.643 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.479 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/22

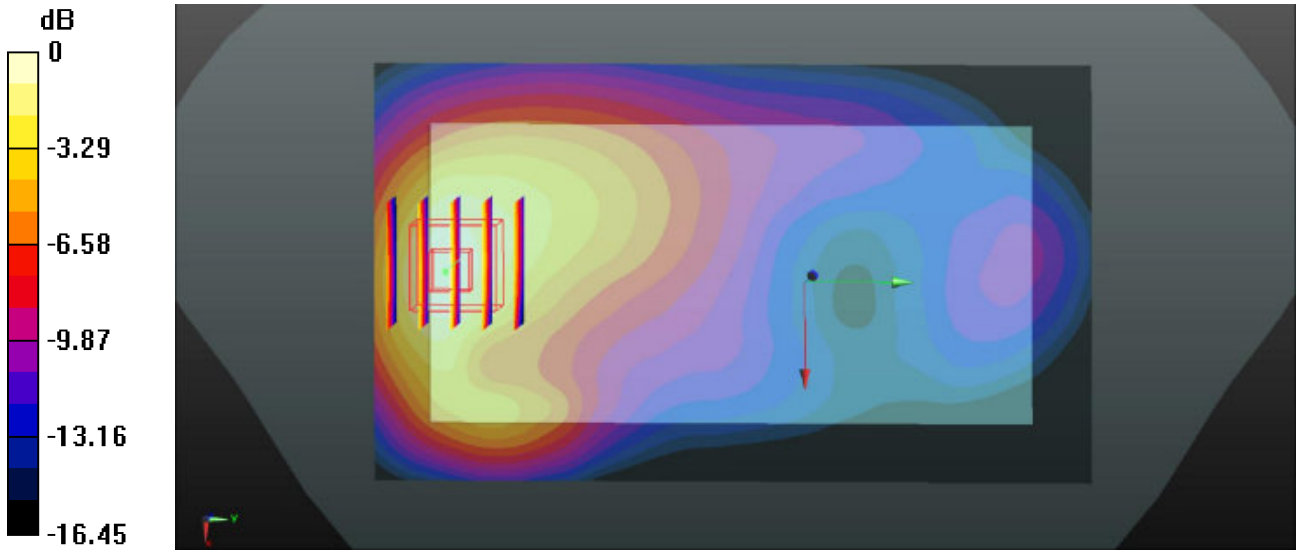
#26_LTE Band 2_20M_QPSK_1RB_49offset_Back_10mm_Ch18700

Communication System: UID 0, FDD-LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_2016/03/22 Medium parameters used: f = 1860 MHz; σ = 1.505 S/m; ε_r = 55.474; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18700/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.782 W/kg

Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.990 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.973 W/kg
SAR(1 g) = 0.600 W/kg; SAR(10 g) = 0.356 W/kg
Maximum value of SAR (measured) = 0.801 W/kg



0 dB = 0.801 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/21

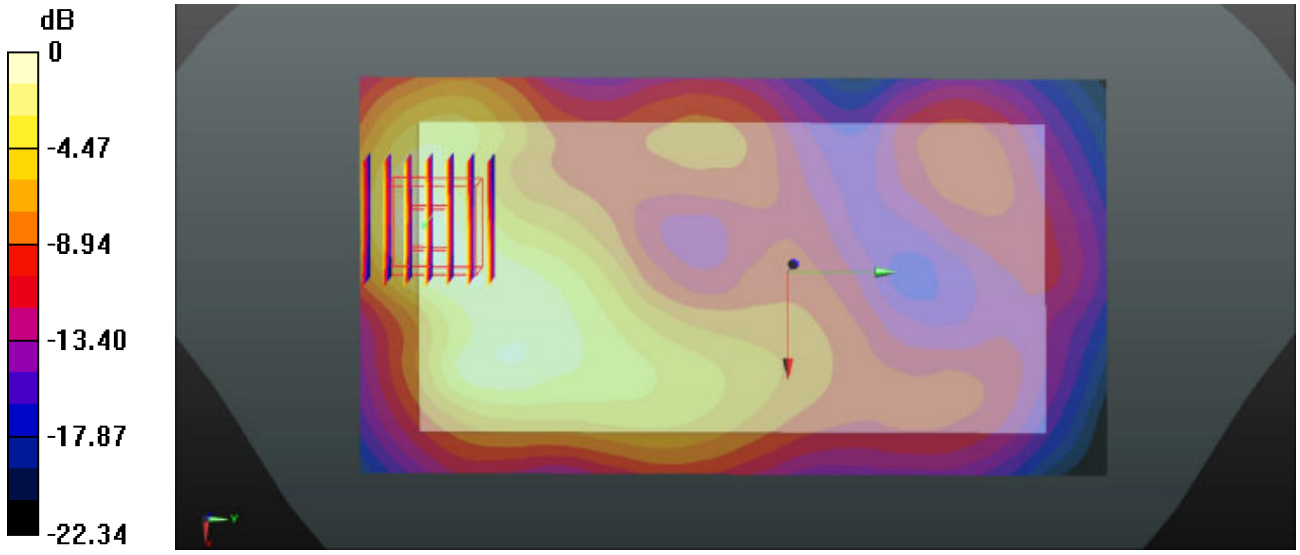
#27_LTE Band 7_20M_QPSK_1RB_49offset_Back_10mm_Ch21100

Communication System: UID 0, FDD-LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: MSL_2600_2016/03/21 Medium parameters used: f = 2535 MHz; σ = 2.096 S/m; ε_r = 51.59; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.14, 7.14, 7.14); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (81x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.566 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.212 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.778 W/kg
SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.201 W/kg
Maximum value of SAR (measured) = 0.592 W/kg



0 dB = 0.592 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/22

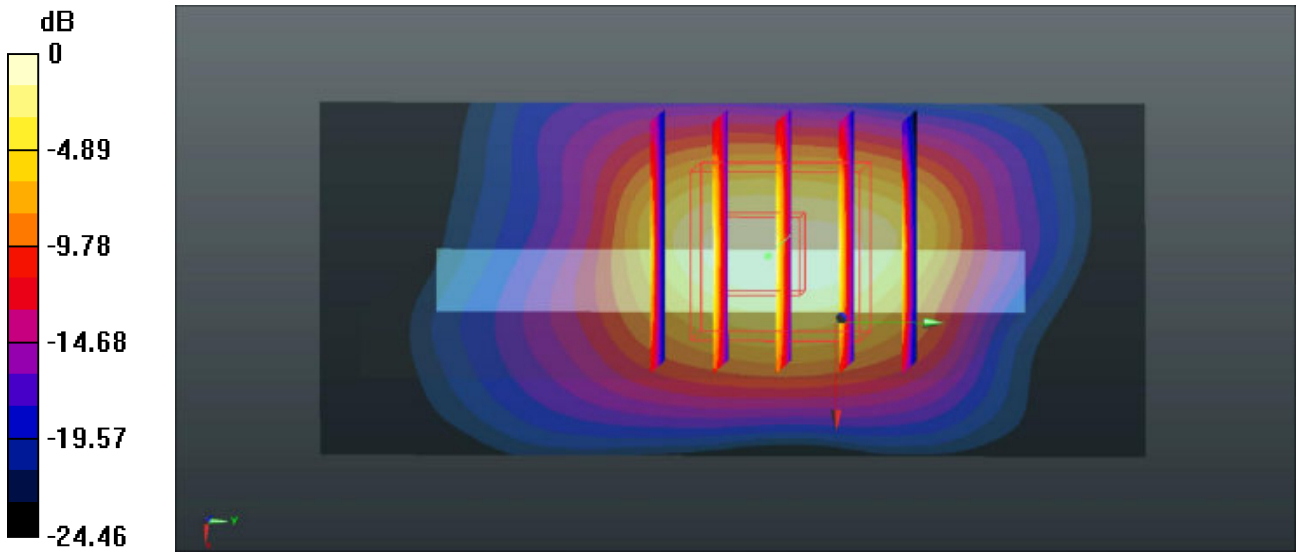
#28_GSM1900_GPRS (3 Tx slots)_Bottom side_0mm_Ch810_Hand SAR

Communication System: UID 0, GPRS (GMSK 3 Tx slot) (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_2016/03/22 Medium parameters used: f = 1909.8 MHz; σ = 1.554 S/m; ε_r = 55.263; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch810/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 10.0 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 65.96 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 14.1 W/kg
SAR(1 g) = 6.53 W/kg; SAR(10 g) = 2.88 W/kg
Maximum value of SAR (measured) = 10.2 W/kg



0 dB = 10.2 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/22

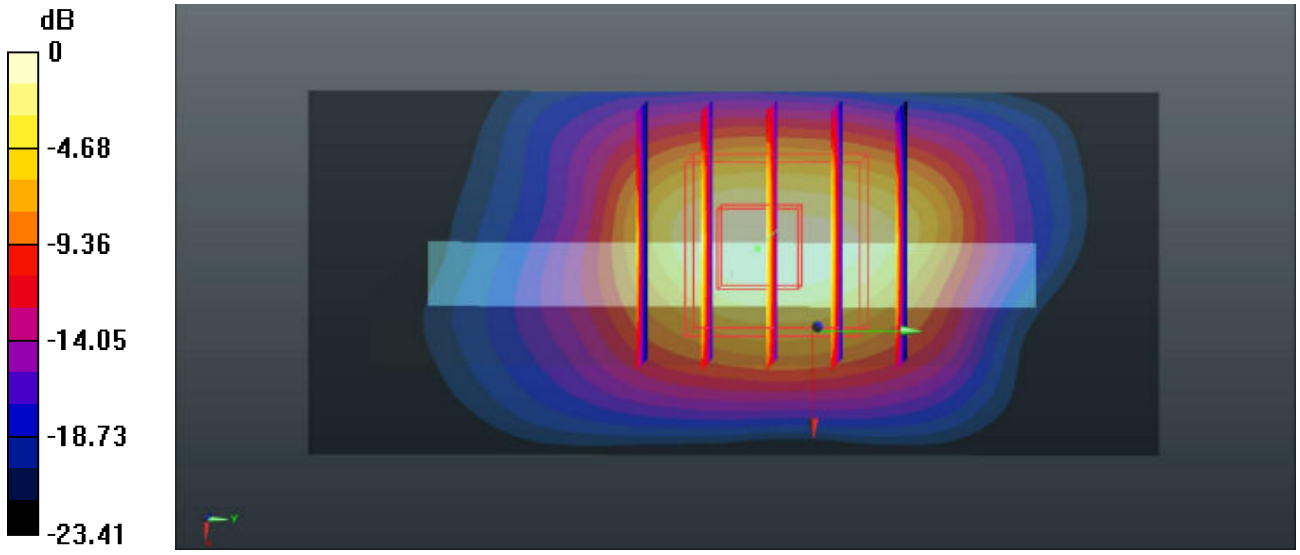
#29_WCDMA Band II_RMC 12.2Kbps_Bottom side_0mm_Ch9538_Hand SAR

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_2016/03/22 Medium parameters used: f = 1907.6 MHz; σ = 1.552 S/m; ε_r =55.278; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9538/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.5 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 70.00 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 15.8 W/kg
SAR(1 g) = 7.28 W/kg; SAR(10 g) = 3.22 W/kg
Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 11.5 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/23

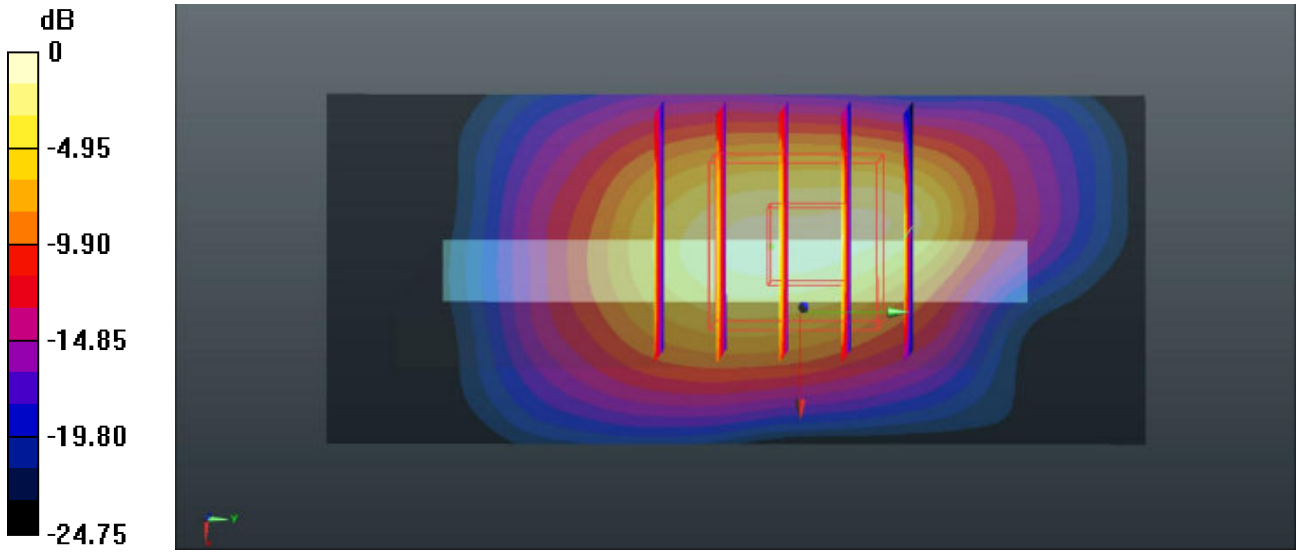
#30_LTE Band 4_20M_QPSK_1RB_49offset_Bottom side_0mm_Ch20175_Hand SAR

Communication System: UID 0, FDD-LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_2016/03/23 Medium parameters used: f = 1732.5 MHz; σ = 1.475 S/m; ε_r = 53.546; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature ：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(8.01, 8.01, 8.01); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 5.74 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 50.57 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 9.68 W/kg
SAR(1 g) = 3.97 W/kg; SAR(10 g) = 1.78 W/kg
Maximum value of SAR (measured) = 6.76 W/kg



0 dB = 6.76 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/22

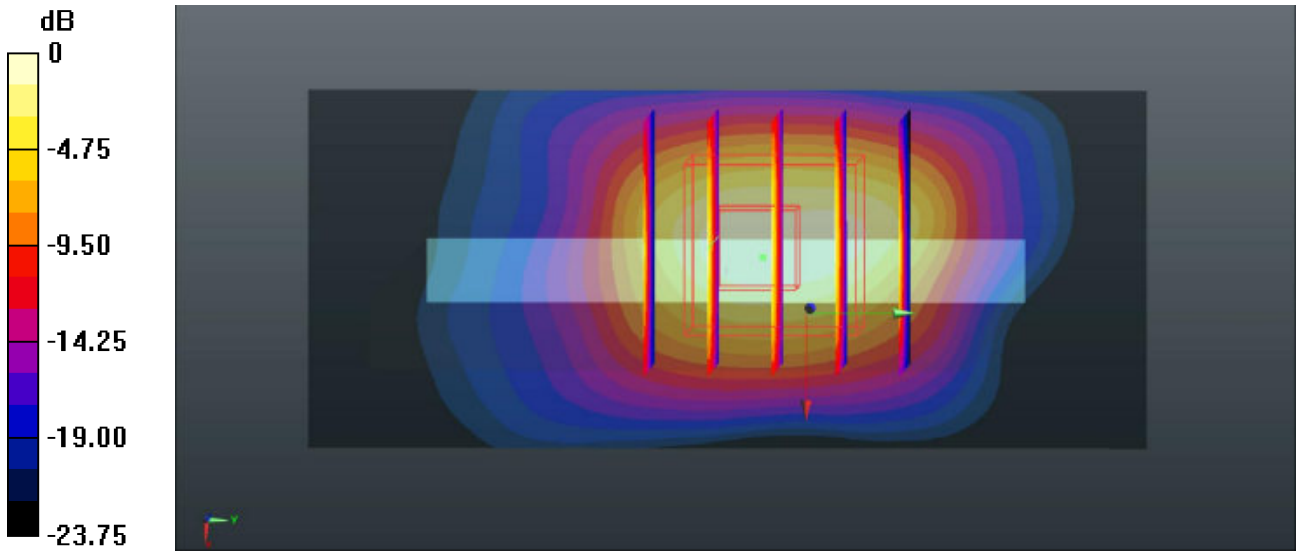
#31_LTE Band 2_20M_QPSK_1RB_49offset_Bottom side_0mm_Ch19100_Hand SAR

Communication System: UID 0, FDD-LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_2016/03/22 Medium parameters used: f = 1900 MHz; σ = 1.542 S/m; ε_r = 55.338; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch19100/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 10.7 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 67.23 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 14.7 W/kg
SAR(1 g) = 6.69 W/kg; SAR(10 g) = 3 W/kg
Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.6 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/3/21

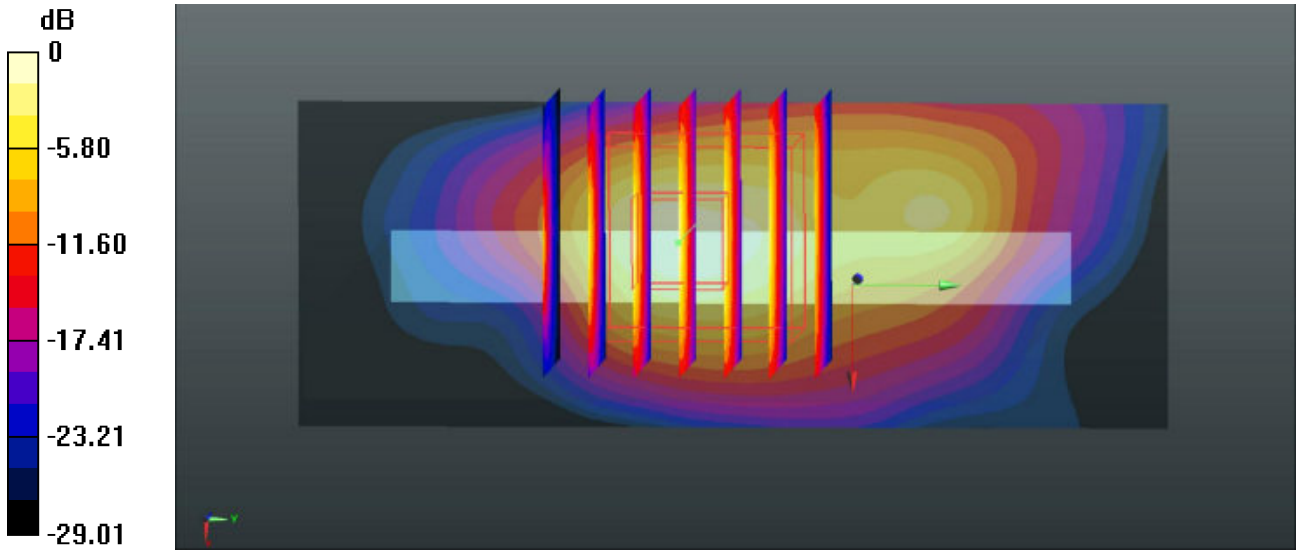
#32_LTE Band 7_20M_QPSK_1RB_49offset_Bottom side_0mm_Ch20850_Hand SAR

Communication System: UID 0, FDD-LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: MSL_2600_2016/03/21 Medium parameters used: f = 2510 MHz; σ = 2.061 S/m; ε_r = 51.681; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3911; ConvF(7.14, 7.14, 7.14); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20850/Area Scan (31x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 10.9 W/kg

Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 51.87 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 16.5 W/kg
SAR(1 g) = 5.99 W/kg; SAR(10 g) = 2.16 W/kg
Maximum value of SAR (measured) = 11.2 W/kg



0 dB = 11.2 W/kg