Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/19

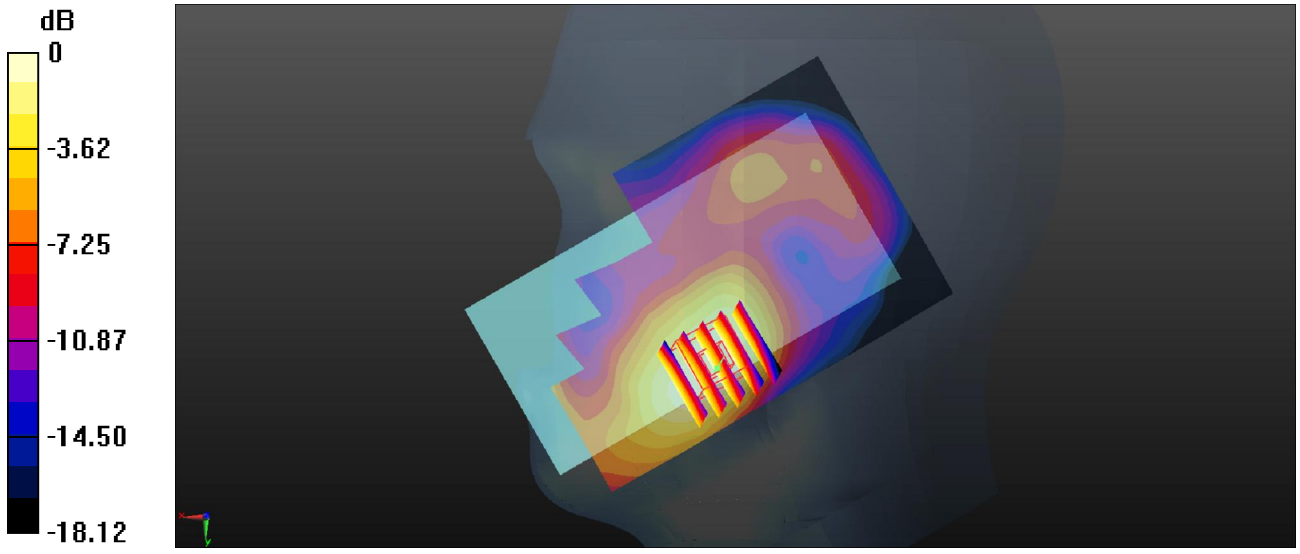
02_GSM1900_GPRS(4 Tx slots)_Right Cheek_0mm_Ch661_OFF

Communication System: UID 0, GPRS (GMSK 4 Tx slot) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_2017/03/19 Medium parameters used: f = 1880 MHz; σ = 1.41 S/m; ε_r = 38.809; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature ：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.64, 8.64, 8.64); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- 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) = 0.147 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.258 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.151 W/kg
SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.059 W/kg
Maximum value of SAR (measured) = 0.128 W/kg



0 dB = 0.128 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/17

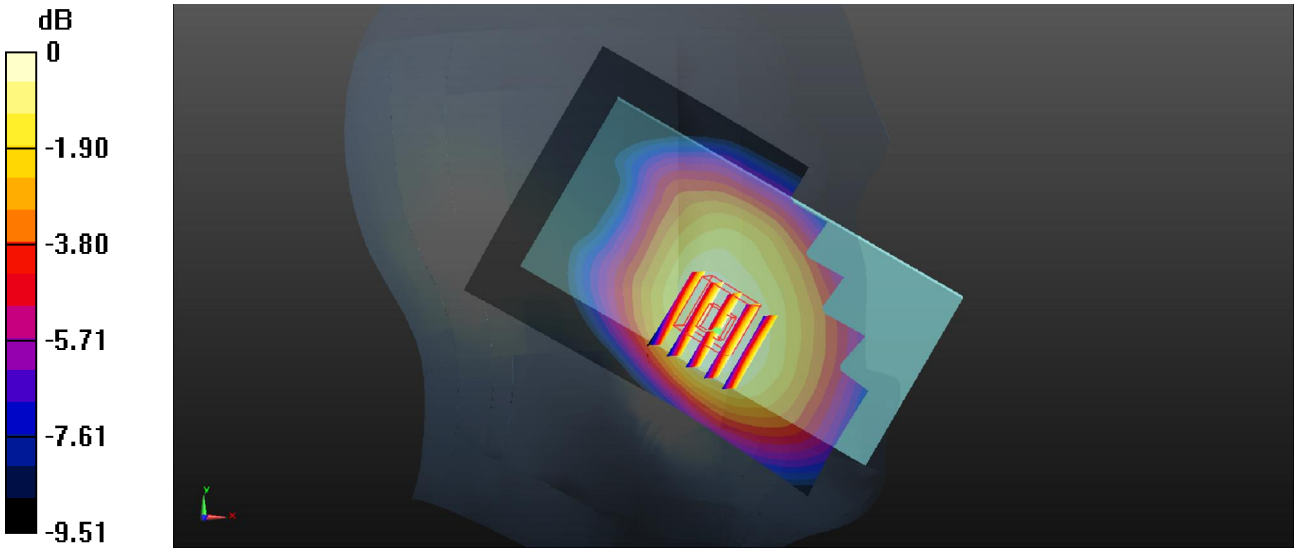
03_WCDMA Band V_RMC 12.2Kbps_Left Cheek_0mm_Ch4182_OFF

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_2017/03/17 Medium parameters used: f = 836.4 MHz; σ = 0.912 S/m; ε_r = 42.893; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature ：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.61, 10.61, 10.61); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4182/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.557 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.125 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.364 W/kg
Maximum value of SAR (measured) = 0.552 W/kg



0 dB = 0.552 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/19

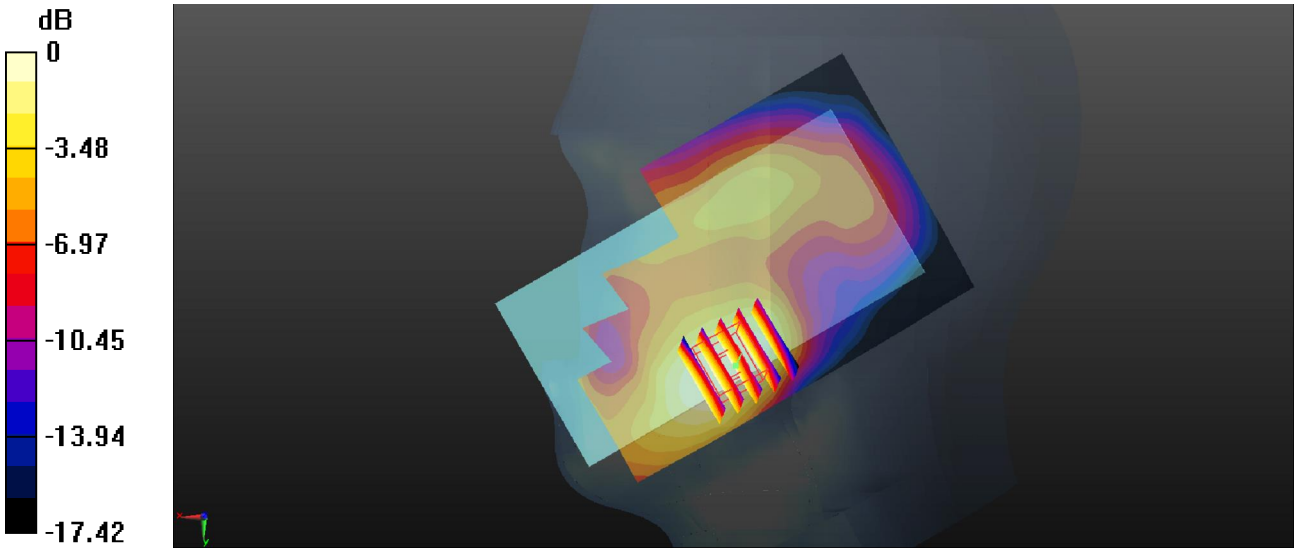
04_WCDMA Band IV_RMC 12.2Kbps_Right Cheek_0mm_Ch1312_OFF

Communication System: UID 0, WCDMA (0); Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: HSL_1750_2017/03/19 Medium parameters used: f = 1712.4 MHz; σ = 1.34 S/m; ε_r = 40.943; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature ：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(9.03, 9.03, 9.03); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1312/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.155 W/kg

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.931 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.146 W/kg
SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.061 W/kg
Maximum value of SAR (measured) = 0.127 W/kg



0 dB = 0.127 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/19

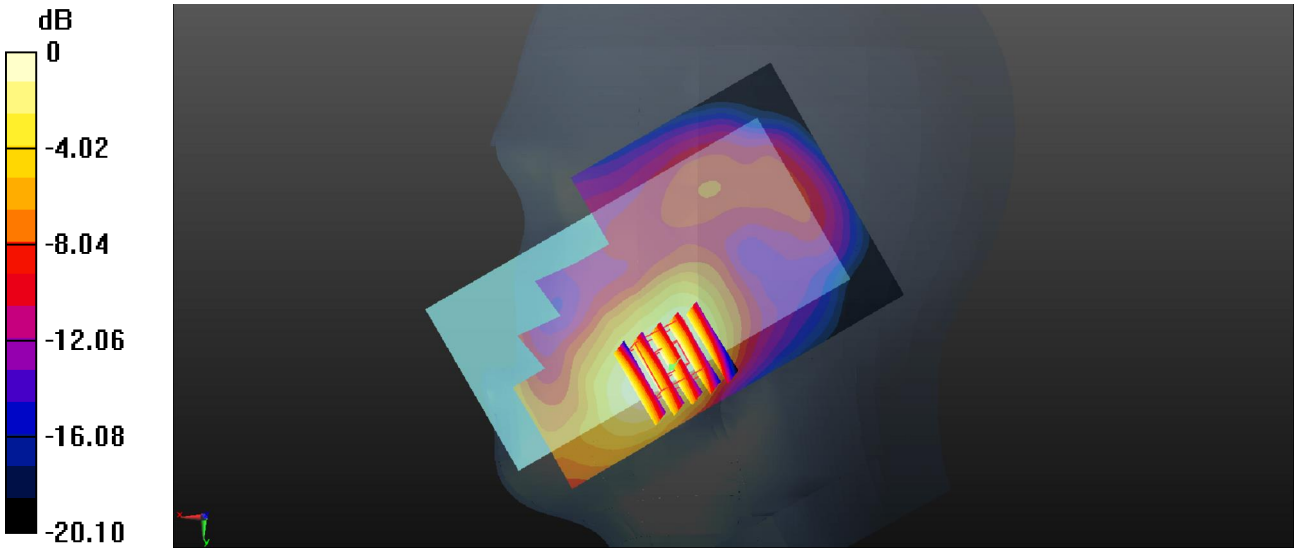
05_WCDMA Band II_RMC 12.2Kbps_Right Cheek_0mm_Ch9538_OFF

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_2017/03/19 Medium parameters used: f = 1907.6 MHz; σ = 1.437 S/m; ε_r =38.704; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature ：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.64, 8.64, 8.64); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- 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) = 0.428 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.024 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.417 W/kg
SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.160 W/kg
Maximum value of SAR (measured) = 0.356 W/kg



0 dB = 0.356 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/17

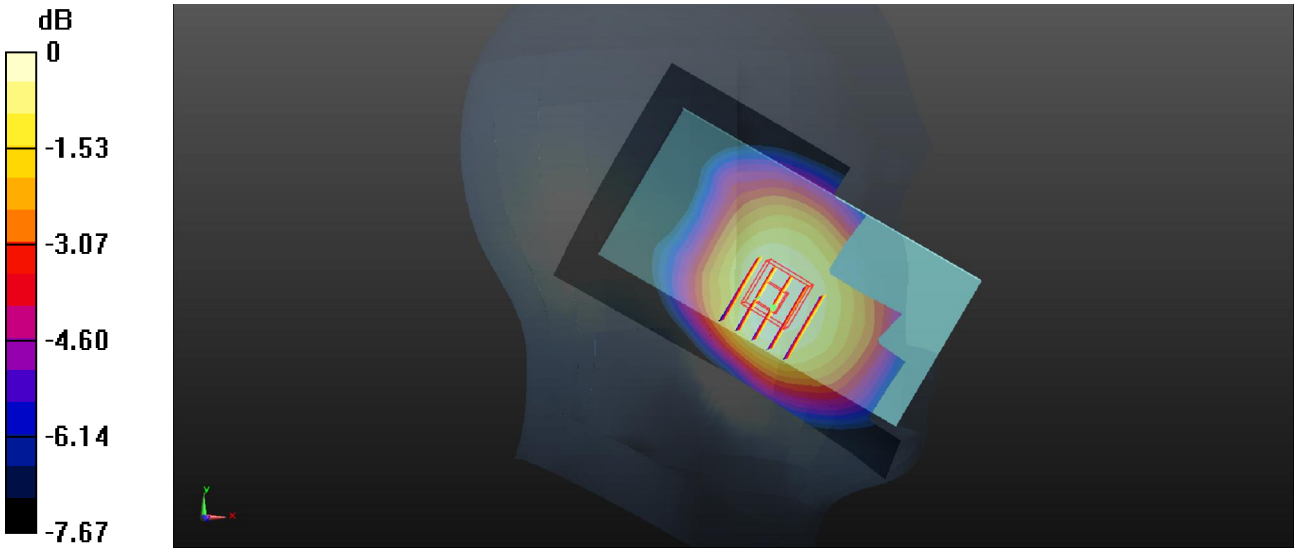
06_LTE Band 12_10M_QPSK_1RB_25offset_Left Cheek_0mm_Ch23095_OFF

Communication System: UID 0, FDD-LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_2017/03/17 Medium parameters used: f = 707.5 MHz; σ = 0.854 S/m; ε_r = 42.574; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature ：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.92, 10.92, 10.92); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23095/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.241 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.527 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.172 W/kg
Maximum value of SAR (measured) = 0.237 W/kg



0 dB = 0.237 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/17

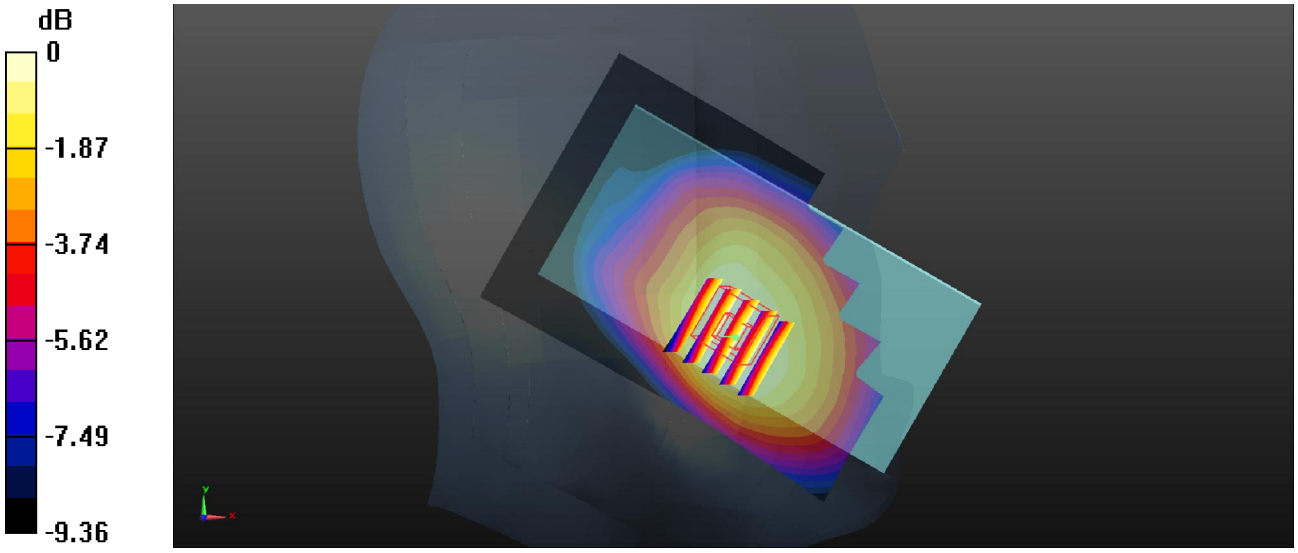
07_LTE Band 5_10M_QPSK_1RB_25offset_Left Cheek_0mm_Ch20525_OFF

Communication System: UID 0, FDD-LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_2017/03/17 Medium parameters used: f = 836.5 MHz; σ = 0.912 S/m; ε_r = 42.892; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature ：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.61, 10.61, 10.61); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- 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) = 0.478 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.710 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.496 W/kg
SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.299 W/kg
Maximum value of SAR (measured) = 0.460 W/kg



0 dB = 0.460 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/19

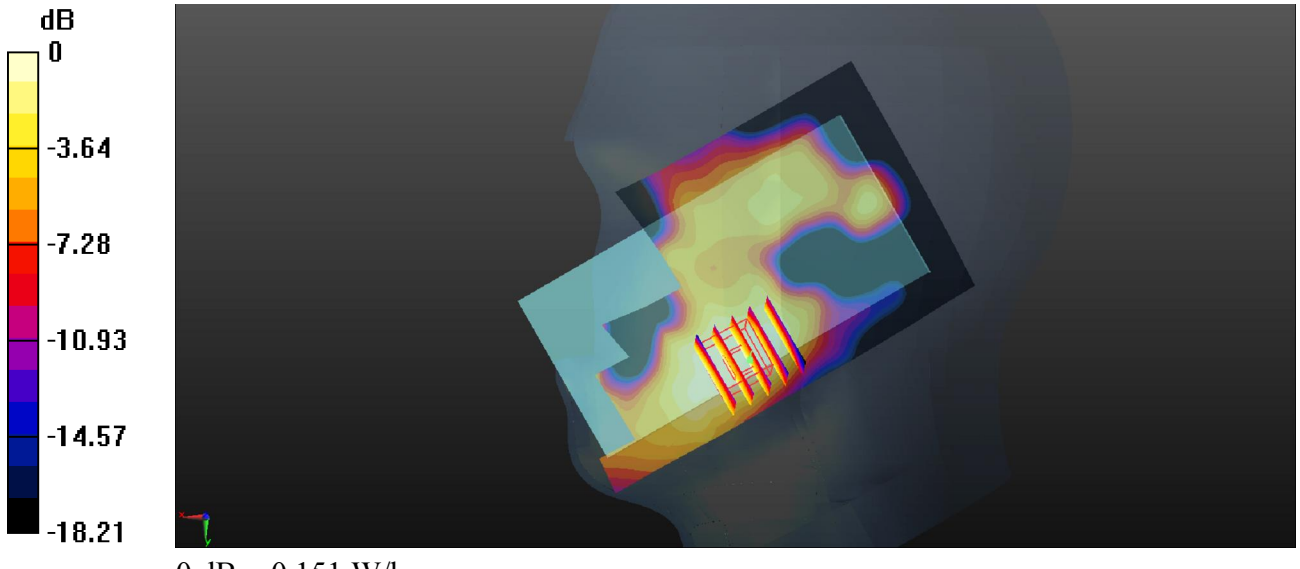
08_LTE Band 4_20M_QPSK_1RB_49offset_Right Cheek_0mm_Ch20175_OFF

Communication System: UID 0, FDD-LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_2017/03/19 Medium parameters used: f = 1732.5 MHz; σ = 1.358 S/m; ε_r = 40.85; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature ：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(9.03, 9.03, 9.03); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch20175/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.182 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.598 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.173 W/kg
SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.072 W/kg
Maximum value of SAR (measured) = 0.151 W/kg



0 dB = 0.151 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/19

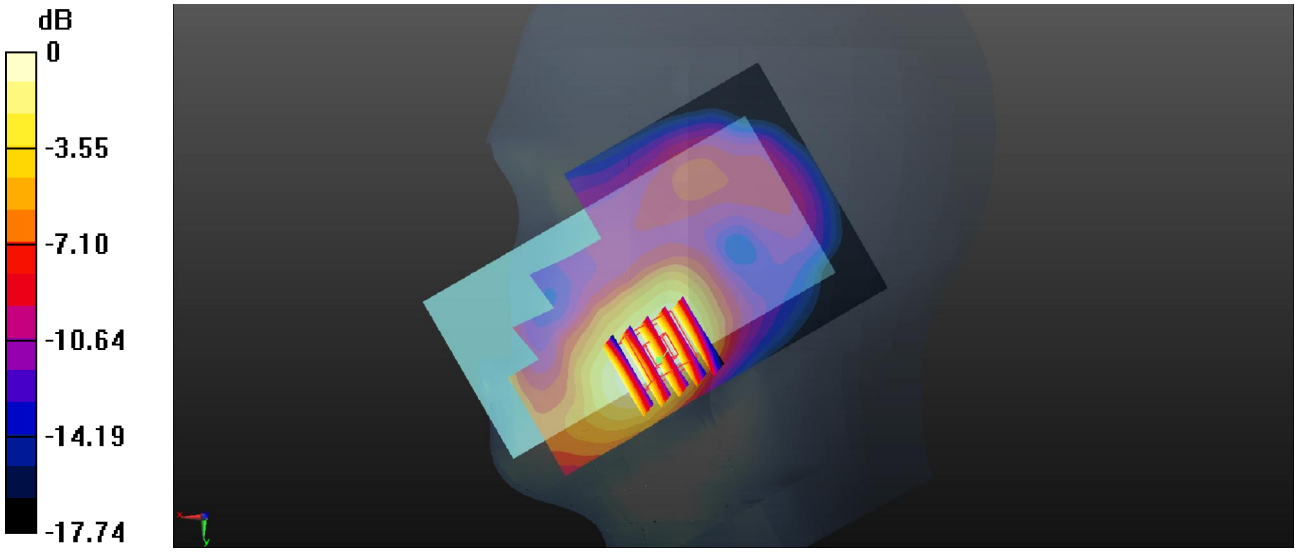
09_LTE Band 2_20M_QPSK_1RB_49offset_Right Cheek_0mm_Ch19100_OFF

Communication System: UID 0, FDD-LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_2017/03/19 Medium parameters used: f = 1900 MHz; σ = 1.429 S/m; ε_r = 38.735; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature ：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.64, 8.64, 8.64); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch19100/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.386 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.774 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.382 W/kg
SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.149 W/kg
Maximum value of SAR (measured) = 0.327 W/kg



0 dB = 0.327 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/29

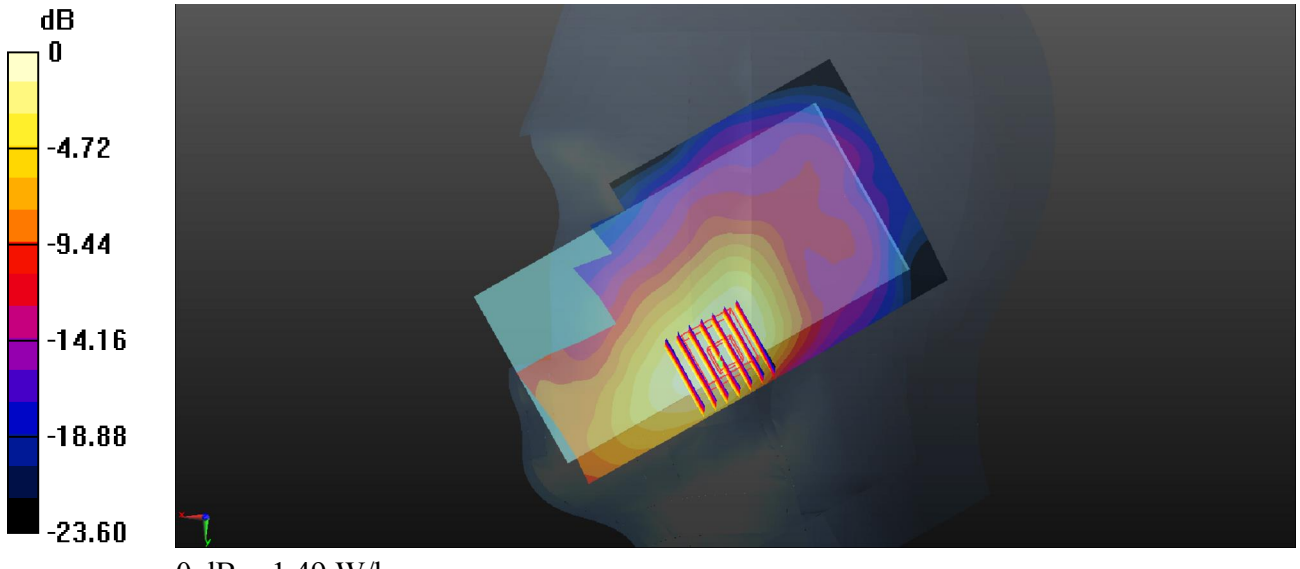
10_LTE Band 7_20M_QPSK_1RB_49offset_Right Cheek_0mm_Ch21350_OFF

Communication System: UID 0, FDD-LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_2017/03/29 Medium parameters used: f = 2560 MHz; σ = 2.008 S/m; ε_r = 37.788; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature ：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.6, 7.6, 7.6); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch21350/Area Scan (81x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.55 W/kg

Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.537 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.507 W/kg
Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/4/1

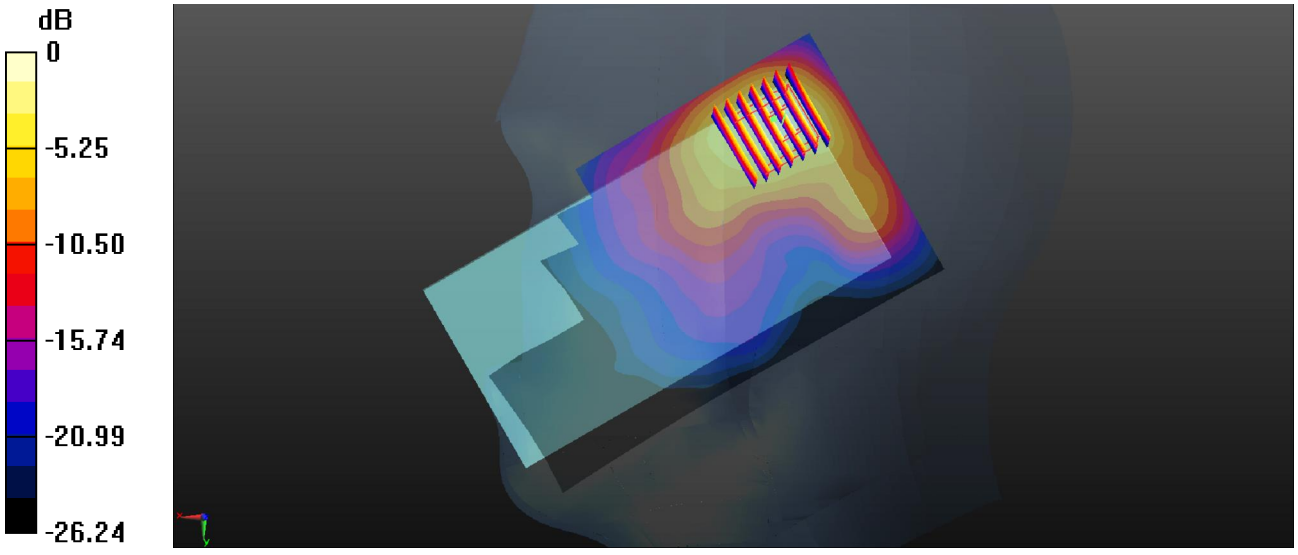
11_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_0mm_Ch1_OFF

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1.025
Medium: HSL_2450_2017/04/01 Medium parameters used: f = 2412 MHz; σ = 1.803 S/m; ε_r = 37.835; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature ：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.81, 7.81, 7.81); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch1/Area Scan (81x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.20 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.322 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.326 W/kg
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/4/2

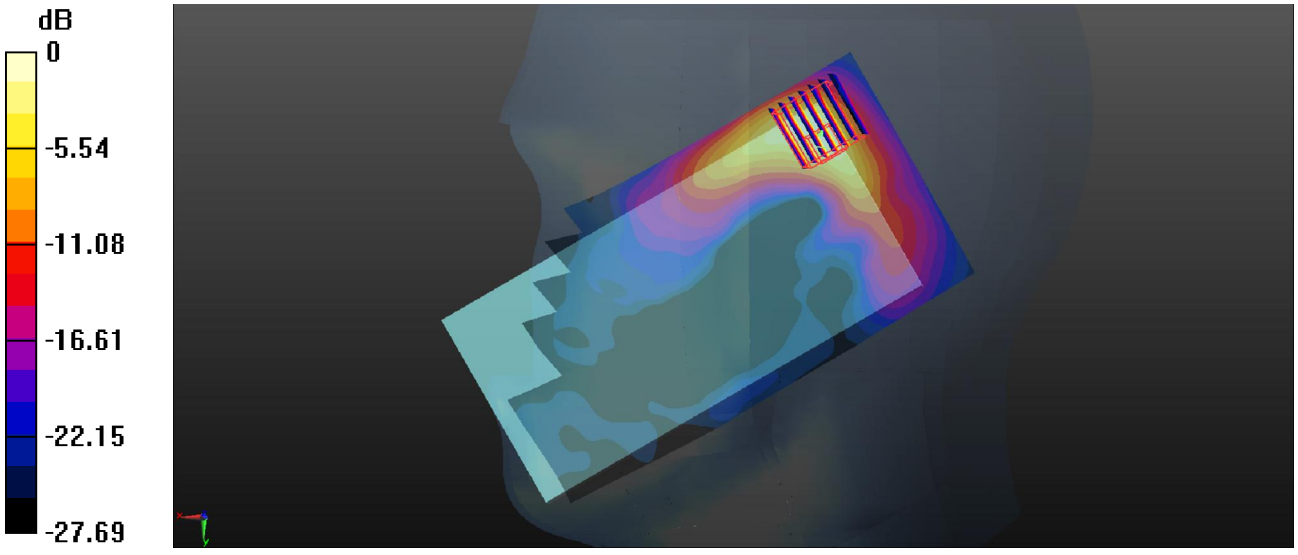
12_WLAN5.3GHz_802.11a 6Mbps_Right Cheek_0mm_Ch52_ON_#2

Communication System: UID 0, 802.11a (0); Frequency: 5260 MHz;Duty Cycle: 1:1.145
Medium: HSL_5G_2017/04/02 Medium parameters used: f = 5260 MHz; σ = 4.729 S/m; ε_r = 36.396; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(5.32, 5.32, 5.32); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch52/Area Scan (91x181x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.64 W/kg

Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.063 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.46 W/kg
SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.195 W/kg
Maximum value of SAR (measured) = 2.03 W/kg



0 dB = 2.03 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/4/2

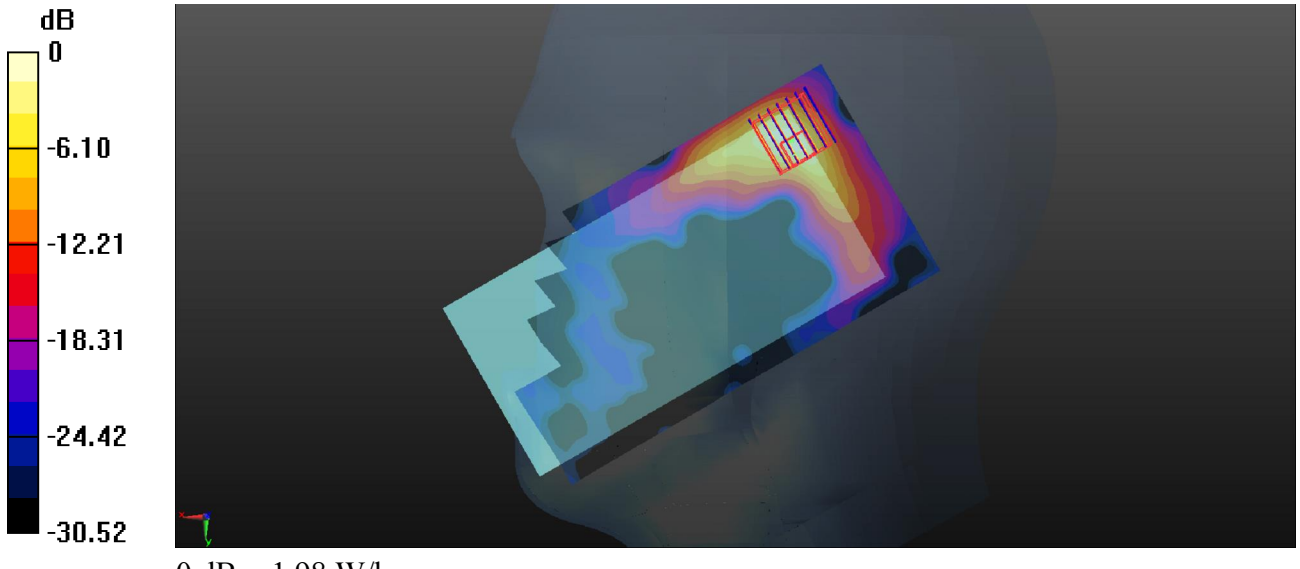
13_WLAN5.5GHz_802.11a 6Mbps_Right Cheek_0mm_Ch116_ON

Communication System: UID 0, 802.11a (0); Frequency: 5580 MHz;Duty Cycle: 1:1.145
Medium: HSL_5G_2017/04/02 Medium parameters used: f = 5580 MHz; σ = 5.111 S/m; ε_r = 35.852; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(4.84, 4.84, 4.84); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch116/Area Scan (91x181x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.58 W/kg

Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.628 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.48 W/kg
SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.186 W/kg
Maximum value of SAR (measured) = 1.98 W/kg



0 dB = 1.98 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/4/2

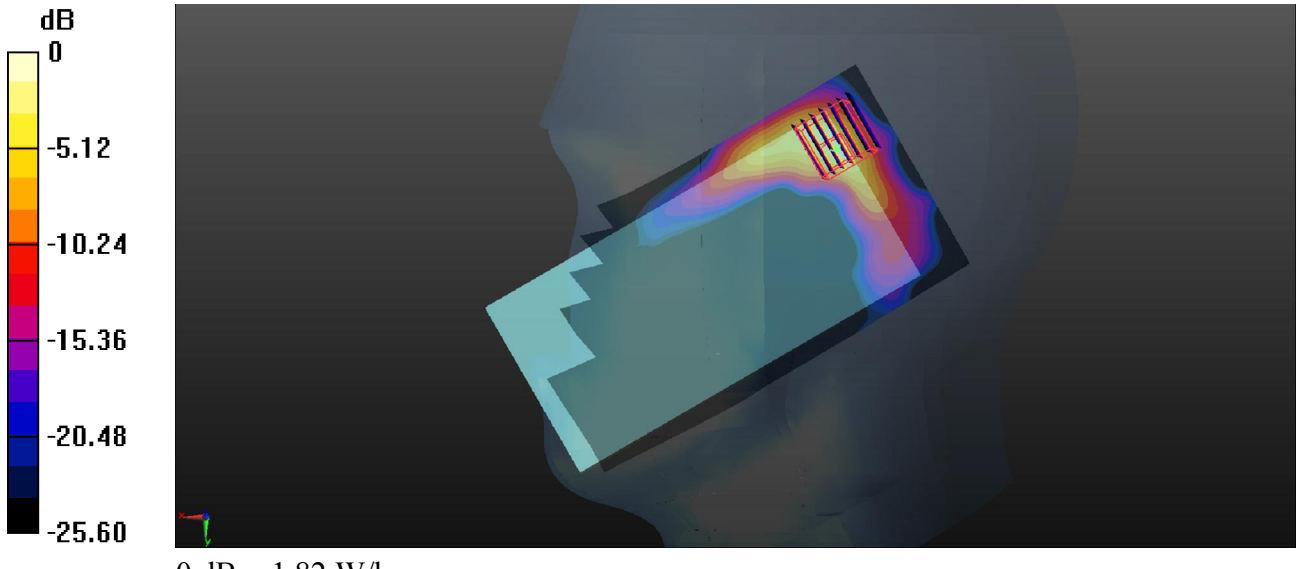
14_WLAN5.8GHz_802.11a 6Mbps_Right Cheek_0mm_Ch149_ON

Communication System: UID 0, 802.11a (0); Frequency: 5745 MHz;Duty Cycle: 1:1.145
Medium: HSL_5G_2017/04/02 Medium parameters used: f = 5745 MHz; σ = 5.308 S/m; ε_r = 35.56; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(4.78, 4.78, 4.78); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch149/Area Scan (91x181x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.290 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.20 W/kg
SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.160 W/kg
Maximum value of SAR (measured) = 1.82 W/kg



0 dB = 1.82 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/15

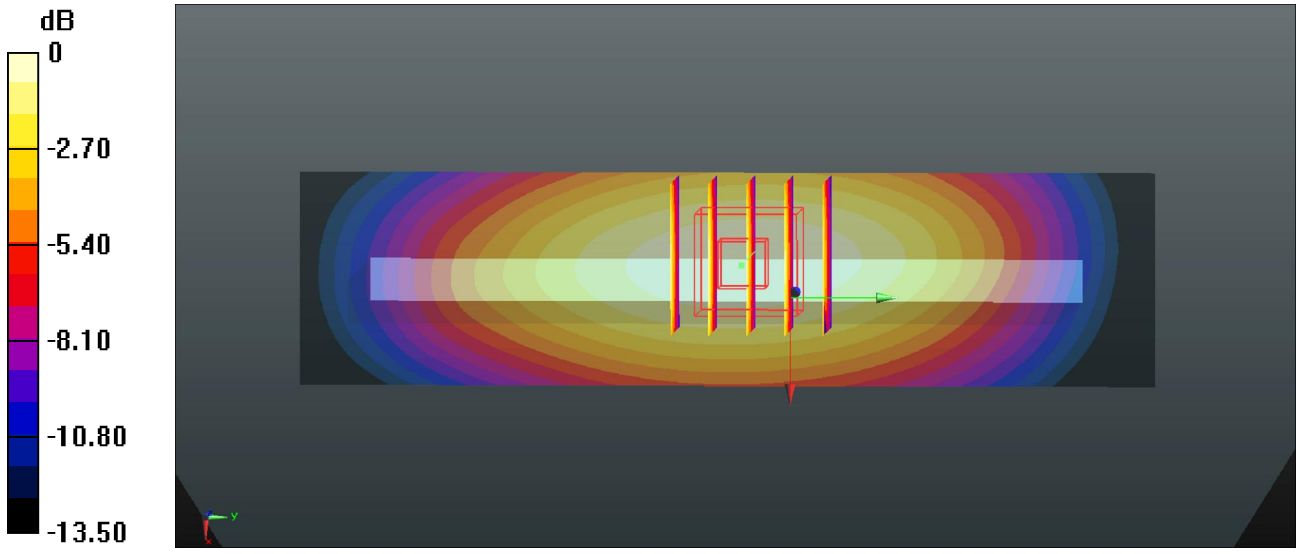
15_GSM850_GPRS(4 Tx slots)_Left side_10mm_Ch251_OFF_#2

Communication System: UID 0, GPRS (GMSK 4 Tx slot) (0); Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_2017/03/15 Medium parameters used: f = 848.8 MHz; σ = 0.997 S/m; ε_r = 56.471; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature ：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.48, 10.48, 10.48); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch251/Area Scan (31x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.787 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.72 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.892 W/kg
SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.398 W/kg
Maximum value of SAR (measured) = 0.782 W/kg



0 dB = 0.782 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/25

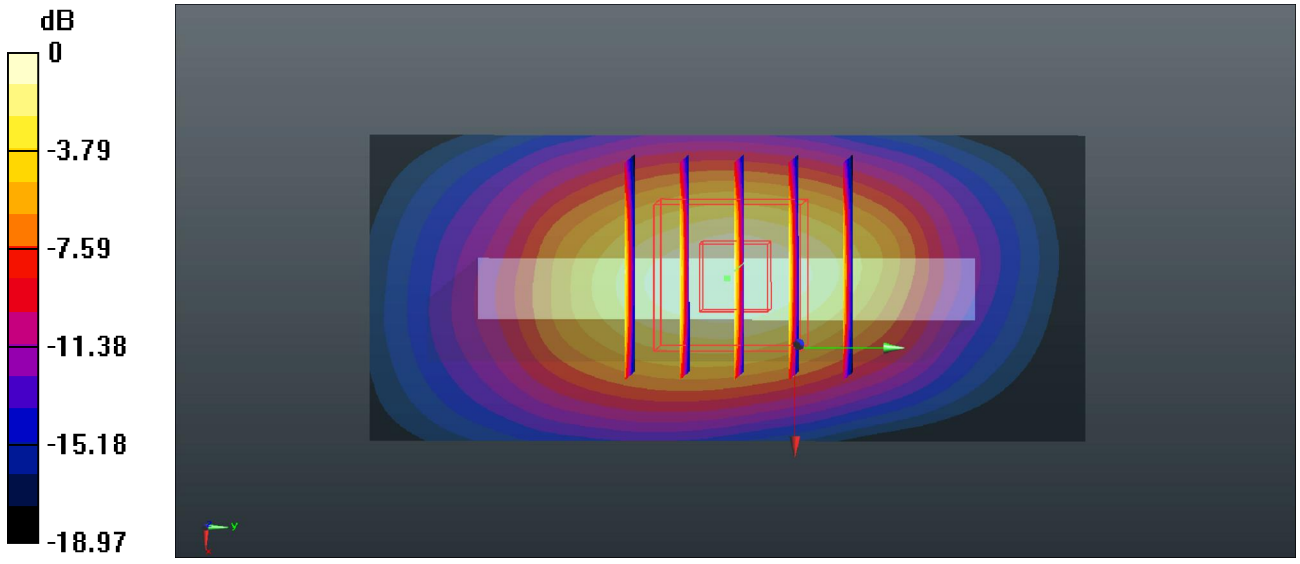
16_GSM1900_GPRS(1 Tx slot)_Bottom side_10mm_Ch661_ON_#2

Communication System: UID 0, GPRS (GMSK 1 Tx slot) (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_2017/03/25 Medium parameters used: f = 1880 MHz; σ = 1.557 S/m; ε_r = 53.912; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature ：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.73 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.66 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 1 W/kg; SAR(10 g) = 0.517 W/kg
Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/15

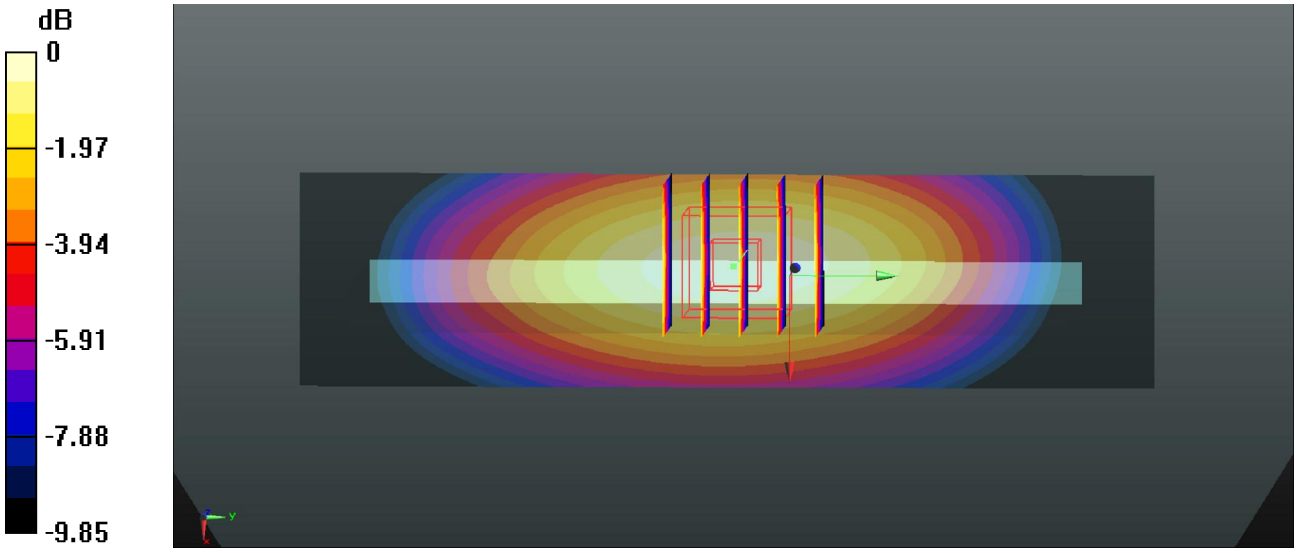
17_WCDMA Band V_RMC 12.2Kbps_Left side_10mm_Ch4132_OFF_#2

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_2017/03/15 Medium parameters used: f = 826.4 MHz; σ = 0.974 S/m; ε_r = 56.616; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature ：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.48, 10.48, 10.48); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch4132/Area Scan (31x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.20 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.93 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.616 W/kg
Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/27

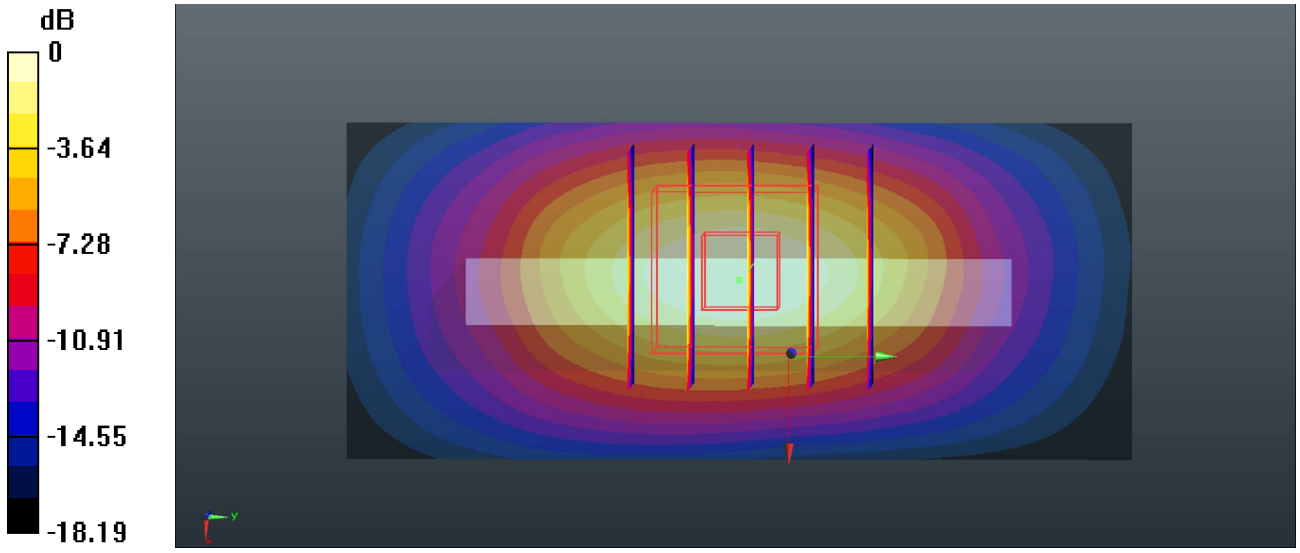
18_WCDMA Band IV_RMC 12.2Kbps_Bottom side_10mm_Ch1513_ON

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_2017/03/27 Medium parameters used: f = 1752.6 MHz; σ = 1.495 S/m; ε_r =53.369; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature ：22.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.46, 8.46, 8.46); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch1513/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.53 W/kg

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.42 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.463 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/25

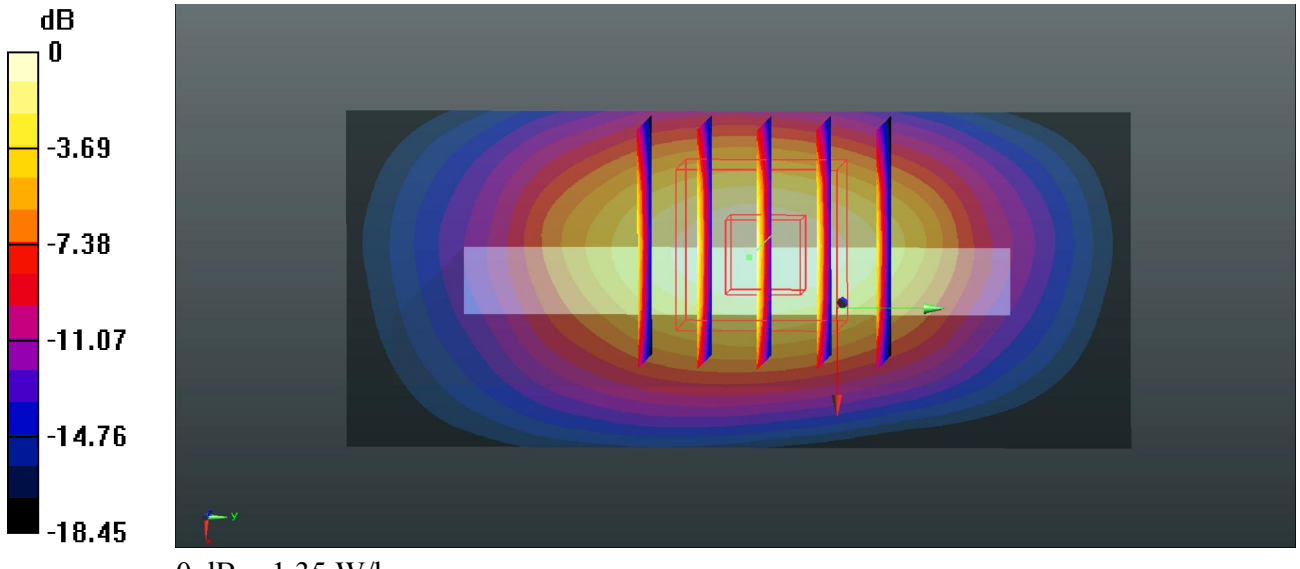
19_WCDMA Band II_RMC 12.2Kbps_Bottom side_10mm_Ch9400_ON_#2

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_2017/03/25 Medium parameters used: f = 1880 MHz; σ = 1.557 S/m; ε_r = 53.912; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature ：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch9400/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.47 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.12 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.458 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/16

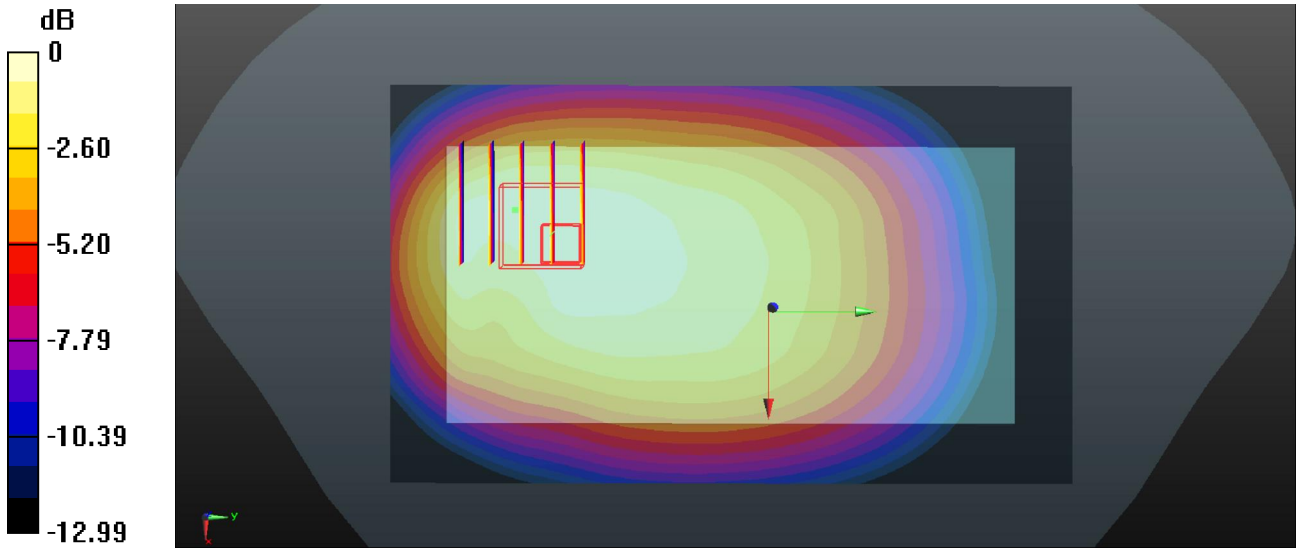
20_LTE Band 12_10M_QPSK_1RB_25offset_Bcak_10mm_Ch23095_OFF

Communication System: UID 0, FDD-LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: MSL_750_2017/03/16 Medium parameters used: f = 707.5 MHz; σ = 0.929 S/m; ε_r = 54.681; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature ：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.68, 10.68, 10.68); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23095/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.588 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.56 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.665 W/kg
SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.322 W/kg
Maximum value of SAR (measured) = 0.598 W/kg



0 dB = 0.598 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/15

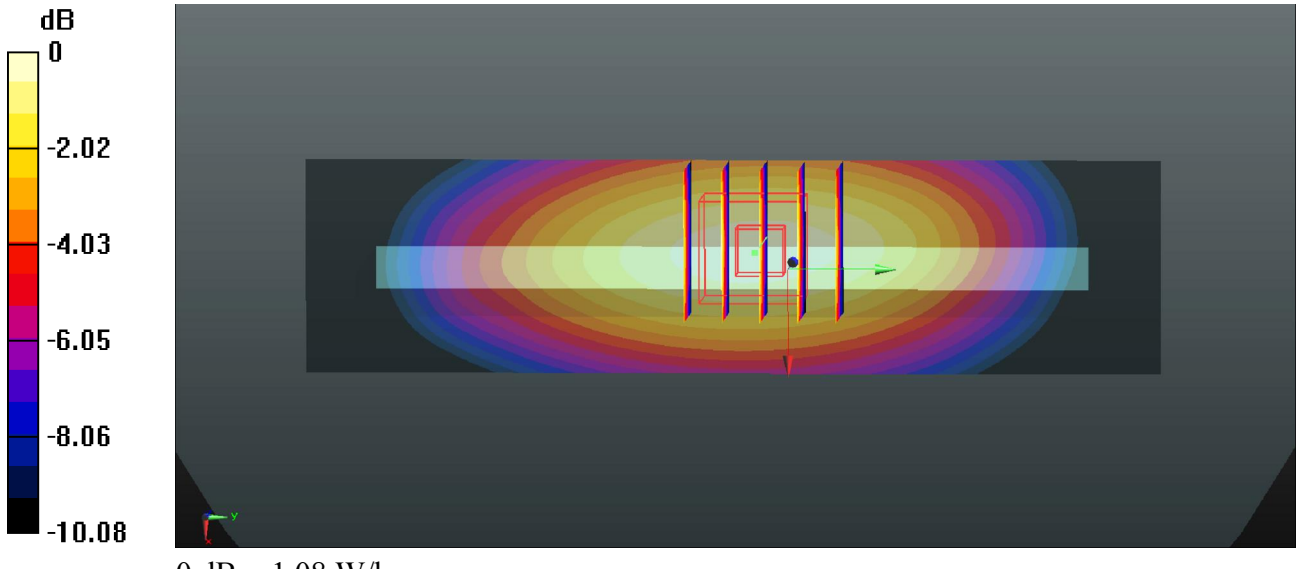
21_LTE Band 5_10M_QPSK_1RB_25offset_Left side_10mm_Ch20525_OFF_#2

Communication System: UID 0, FDD-LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_2017/03/15 Medium parameters used: f = 836.5 MHz; σ = 0.984 S/m; ε_r = 56.549; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature ：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.48, 10.48, 10.48); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch20525/Area Scan (31x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.03 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.49 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.540 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/27

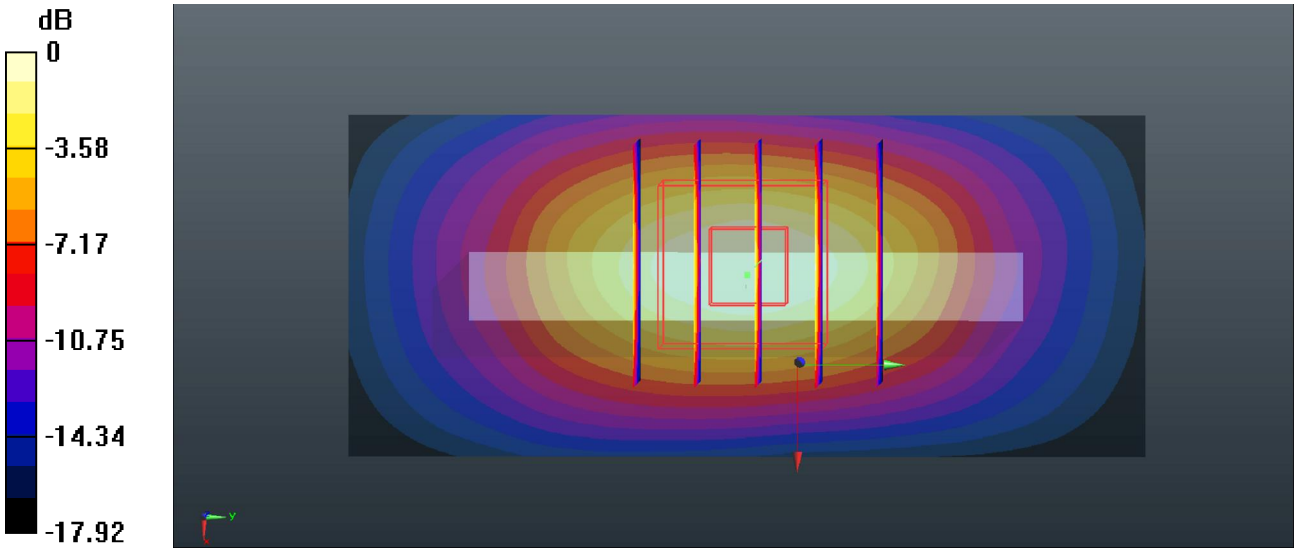
22_LTE Band 4_20M_QPSK_1RB_49offset_Bottom side_10mm_Ch20175_OFF

Communication System: UID 0, FDD-LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_2017/03/27 Medium parameters used: f = 1732.5 MHz; σ = 1.473 S/m; ε_r = 53.437; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature ：22.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.46, 8.46, 8.46); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch20175/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.35 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.08 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.414 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/25

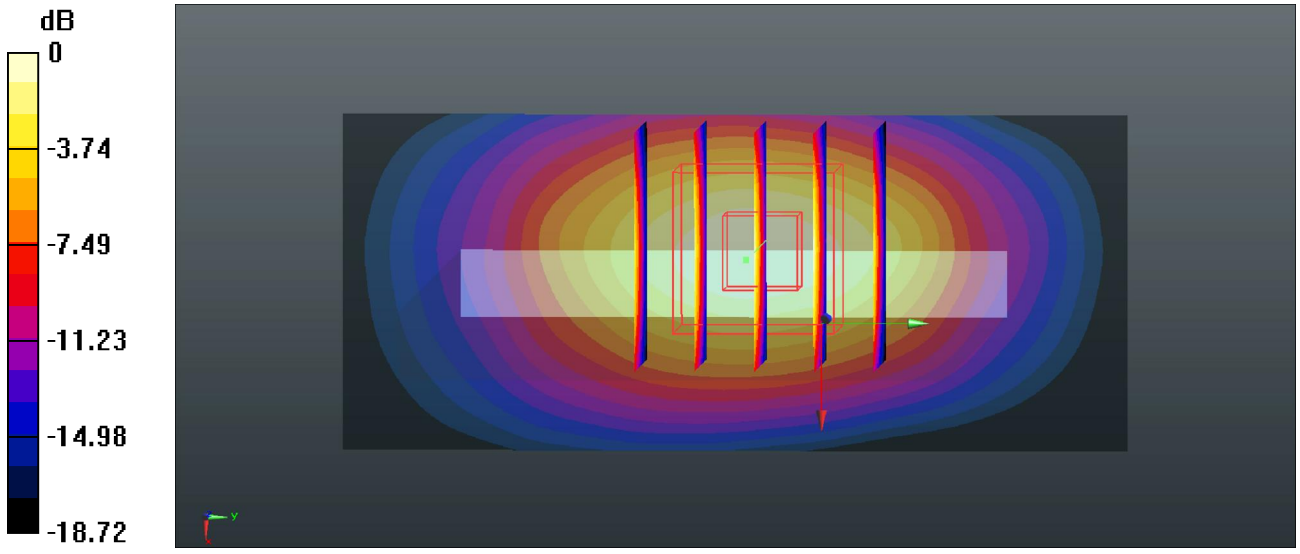
23_LTE Band 2_20M_QPSK_1RB_49offset_Bottom side_10mm_Ch19100_OFF_#2

Communication System: UID 0, FDD-LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_2017/03/25 Medium parameters used: f = 1900 MHz; σ = 1.58 S/m; ε_r = 53.842; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature ：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch19100/Area Scan (31x71x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.52 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.84 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.487 W/kg
Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/27

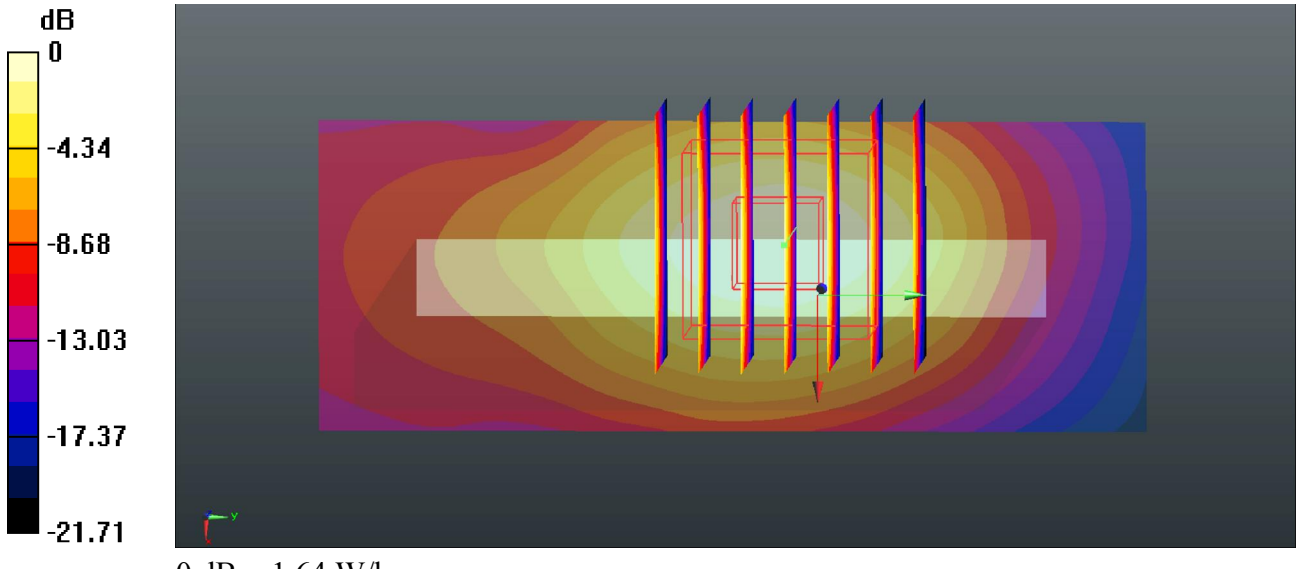
24_LTE Band 7_20M_QPSK_1RB_49offset_Bottom side_10mm_Ch21100_ON

Communication System: UID 0, FDD-LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: MSL_2600_2017/03/27 Medium parameters used: f = 2535 MHz; σ = 2.123 S/m; ε_r = 53.537; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature ：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.67, 7.67, 7.67); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

Ch21100/Area Scan (31x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.69 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.40 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 0.996 W/kg; SAR(10 g) = 0.479 W/kg
Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.64 W/kg