Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015/8/19

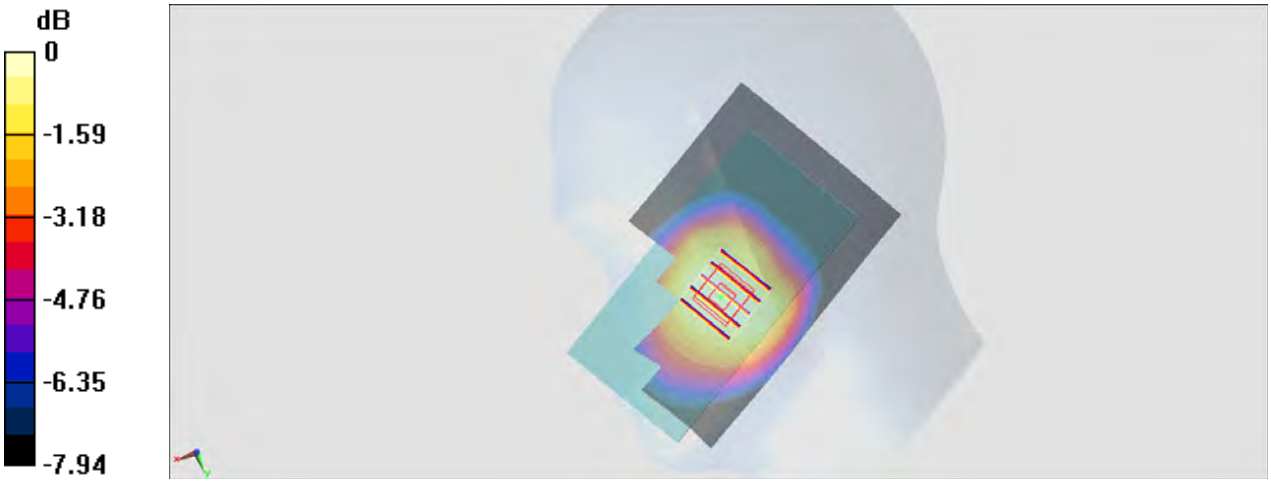
# #01_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_150819 Medium parameters used: f = 849 MHz; $\sigma$ = 0.919 S/m; $\varepsilon_r$ = 42.794; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(10.04, 10.04, 10.04); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch251/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.428 W/kg

**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.34 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.465 W/kg
**SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.286 W/kg**
Maximum value of SAR (measured) = 0.429 W/kg




0 dB = 0.429 W/kg = -3.68 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015/8/19

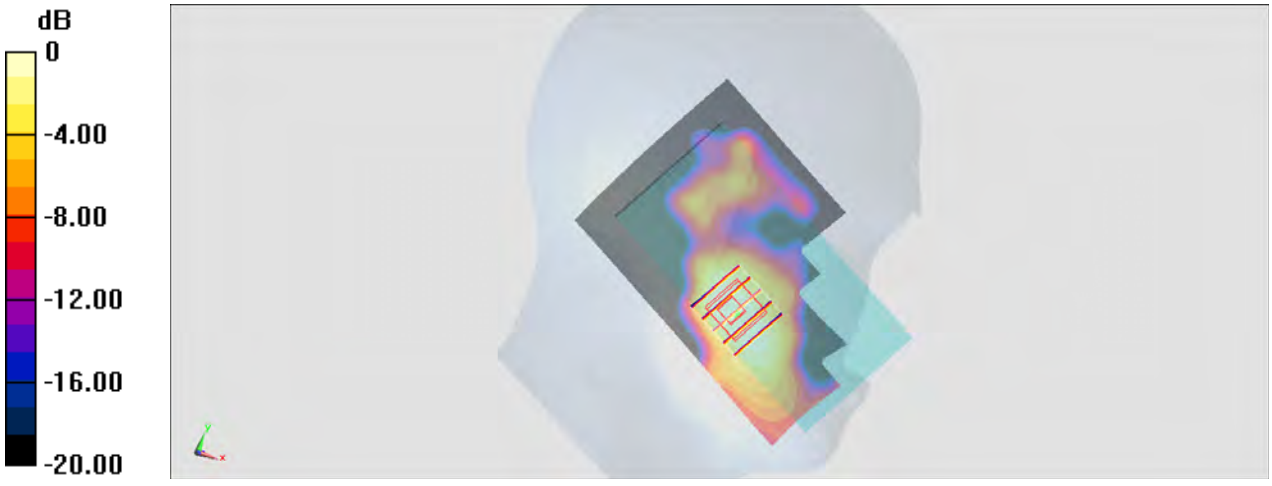
## #02_GSM1900_GPRS (2 Tx slots)_Left Cheek_Ch661

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium: HSL_1900_150819 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.407 S/m; $\varepsilon_r$ = 38.133; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(8.5, 8.5, 8.5); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch661/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0756 W/kg

**Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.609 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0860 W/kg
**SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.031 W/kg**
Maximum value of SAR (measured) = 0.0703 W/kg




0 dB = 0.0703 W/kg = -11.53 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015/8/19

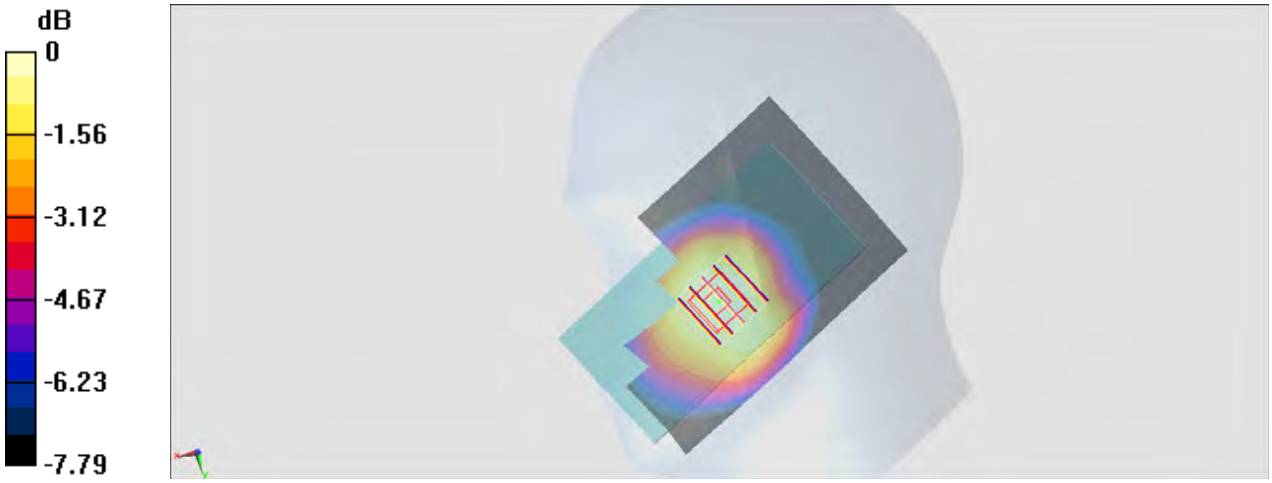
## #03_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_150819 Medium parameters used: f = 836.4 MHz; $\sigma$ = 0.907 S/m; $\varepsilon_r$ = 42.95; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(10.04, 10.04, 10.04); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch4182/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.500 W/kg

**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.15 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.539 W/kg
**SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.333 W/kg**
Maximum value of SAR (measured) = 0.500 W/kg




0 dB = 0.500 W/kg = -3.01 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015/8/19

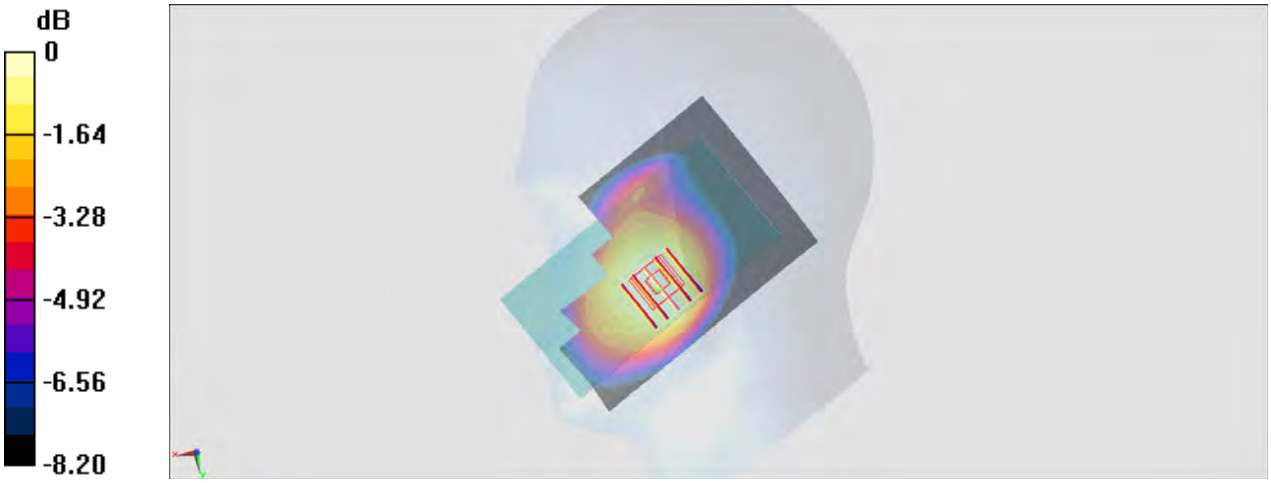
# #04_LTE Band 17_10M_QPSK_1RB_0offset_Right Cheek_Ch23780

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: HSL_750_150819 Medium parameters used: f = 709 MHz; $\sigma$ = 0.856 S/m; $\varepsilon_r$ = 43.891; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(10.61, 10.61, 10.61); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch23780/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.145 W/kg

**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.49 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.157 W/kg
**SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.098 W/kg**
Maximum value of SAR (measured) = 0.143 W/kg




0 dB = 0.143 W/kg = -8.45 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015/9/11

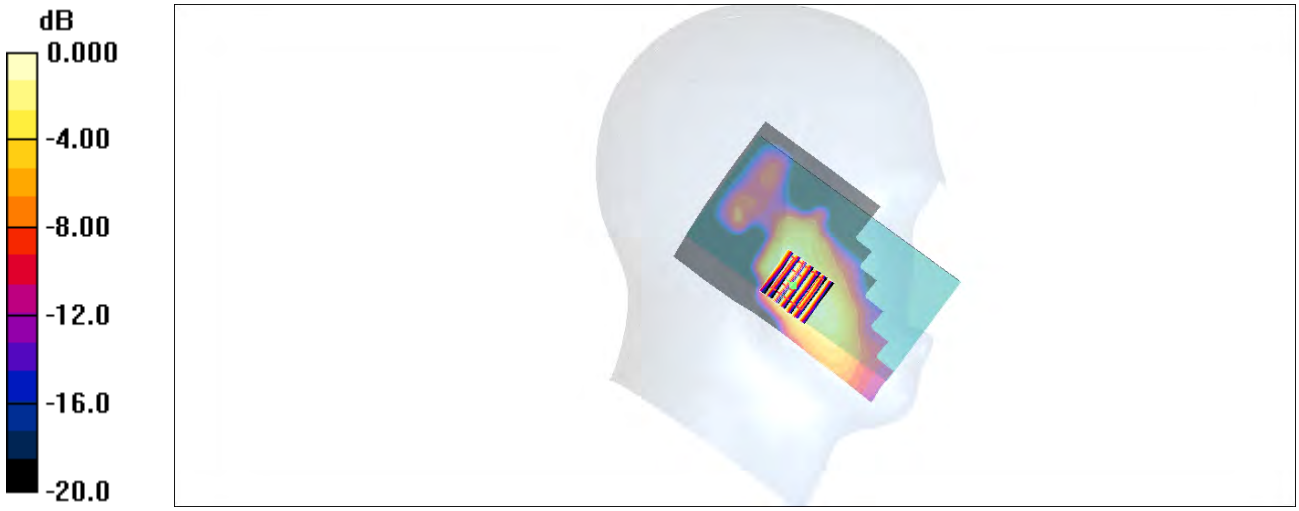
## #05_LTE Band 7_20M_QPSK_50RB_49Offset_Left Cheek_Ch21100

Communication System: LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_150911 Medium parameters used: f = 2535 MHz; $\sigma$ = 1.93 mho/m; $\varepsilon_r$ = 38.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.17, 7.17, 7.17); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch21100/Area Scan (81x131x1):** Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.100 mW/g

**Ch21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.32 V/m; Power Drift = 0.122 dB
Peak SAR (extrapolated) = 0.117 W/kg
**SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.032 mW/g**
Maximum value of SAR (measured) = 0.095 mW/g




0 dB = 0.095mW/g

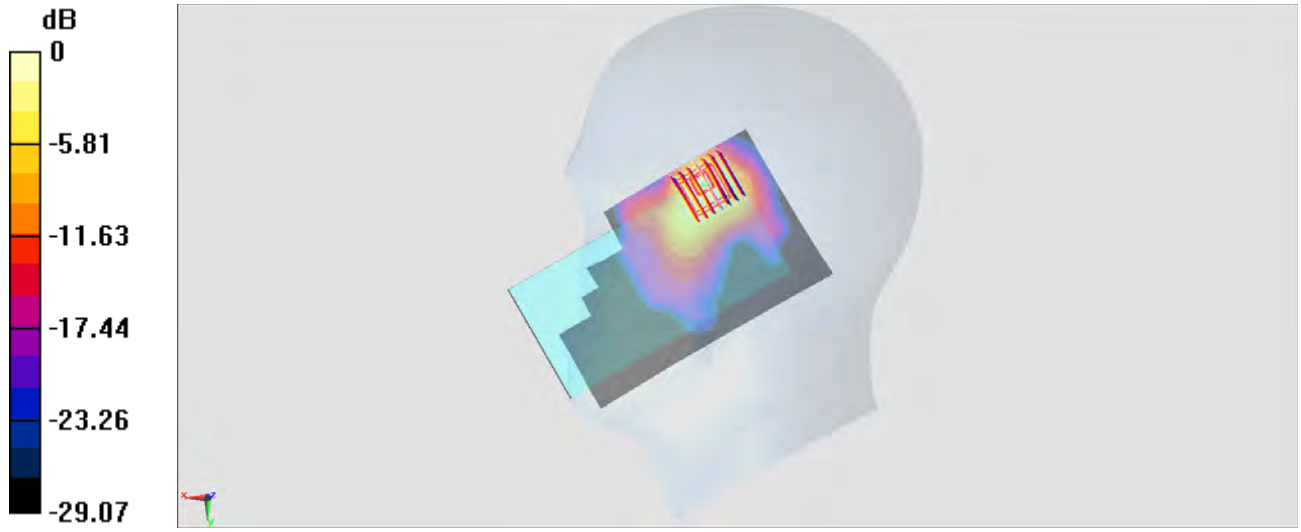
# #06_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch11

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1.014
Medium: HSL_2450_150809 Medium parameters used: f = 2462 MHz; $\sigma$ = 1.756 S/m; $\varepsilon_r$ = 39.116; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.46, 7.46, 7.46); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch11/Area Scan (81x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.916 W/kg

**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.88 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.985 W/kg
**SAR(1 g) = 0.438 W/kg; SAR(10 g) = 0.183 W/kg**
Maximum value of SAR (measured) = 0.749 W/kg




0 dB = 0.749 W/kg = -1.26 dBW/kg

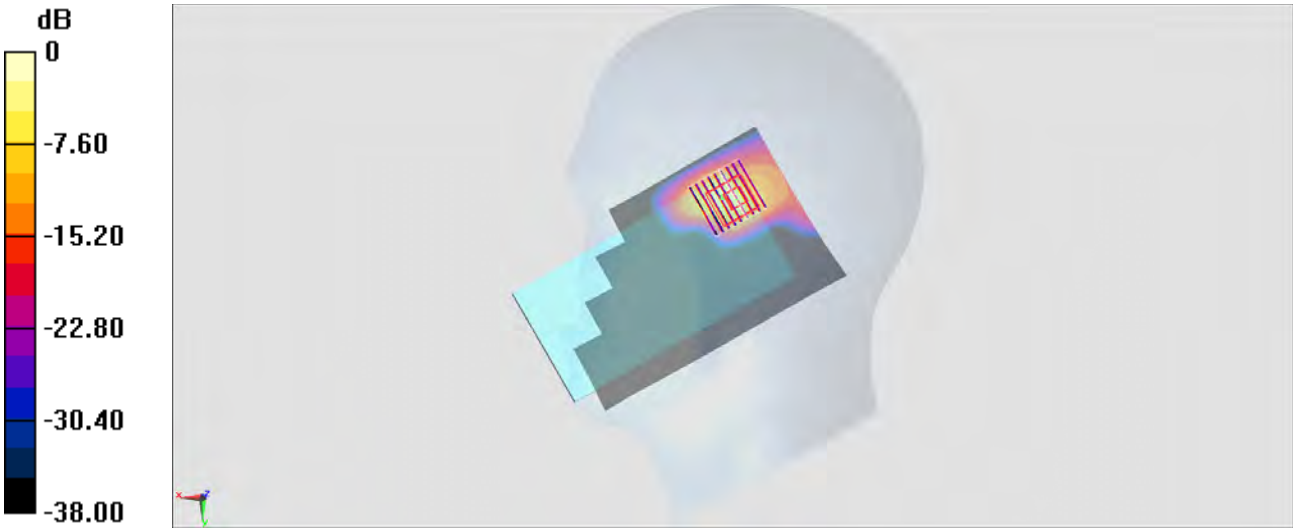
# #07_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch58

Communication System: 802.11ac; Frequency: 5290 MHz;Duty Cycle: 1:1.074
Medium: HSL5G_150809 Medium parameters used : f = 5290 MHz; $\sigma$ = 4.652 S/m; $\varepsilon_r$ = 36.686; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(4.92, 4.92, 4.92); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch58/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.383 W/kg

**Configuration/Ch58/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.63 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.57 W/kg
**SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.082 W/kg**
Maximum value of SAR (measured) = 0.837 W/kg




0 dB = 0.837 W/kg = -0.77 dBW/kg

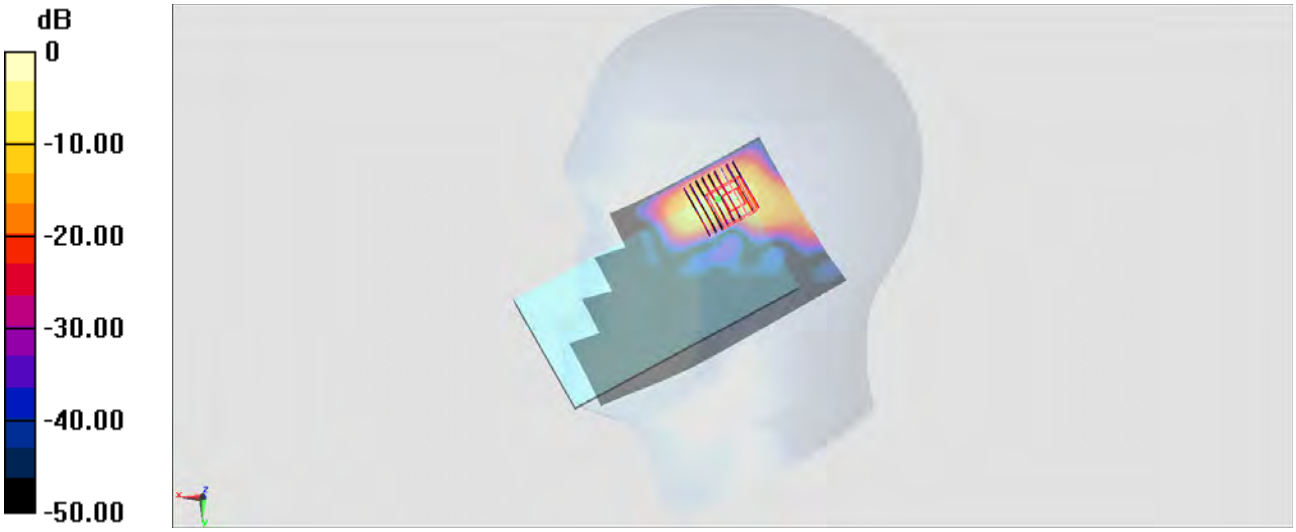
# #08_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch138

Communication System: 802.11ac; Frequency: 5690 MHz;Duty Cycle: 1:1.074
Medium: HSL5G_150809 Medium parameters used : f = 5690 MHz; $\sigma$ = 5.046 S/m; $\varepsilon_r$ = 36.126; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(4.56, 4.56, 4.56); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch138/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.567 W/kg

**Configuration/Ch138/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.39 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.56 W/kg
**SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.084 W/kg**
Maximum value of SAR (measured) = 0.925 W/kg




0 dB = 0.925 W/kg = -0.34 dBW/kg

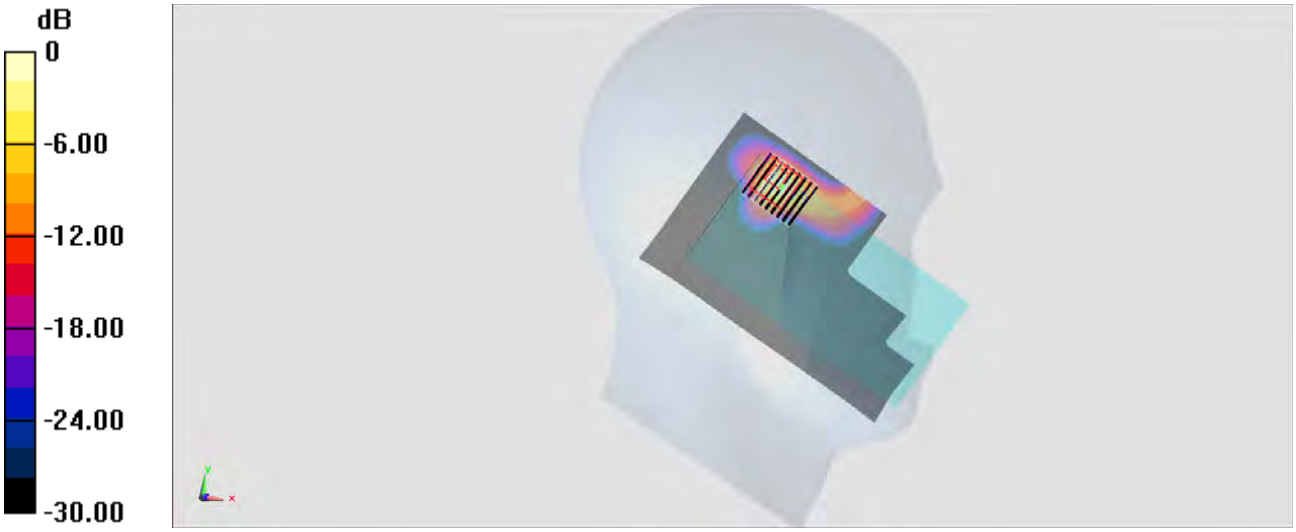
# #09_WLAN5GHz_802.11ac-VHT80 MCS0_Left Cheek_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.074
Medium: HSL5G_150809 Medium parameters used : f = 5775 MHz; $\sigma$ = 5.144 S/m; $\varepsilon_r$ = 36.045; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(4.63, 4.63, 4.63); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch155/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.506 W/kg

**Configuration/Ch155/Zoom Scan (9x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.208 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.951 W/kg
**SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.059 W/kg**
Maximum value of SAR (measured) = 0.560 W/kg




0 dB = 0.560 W/kg = -2.52 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015/8/17

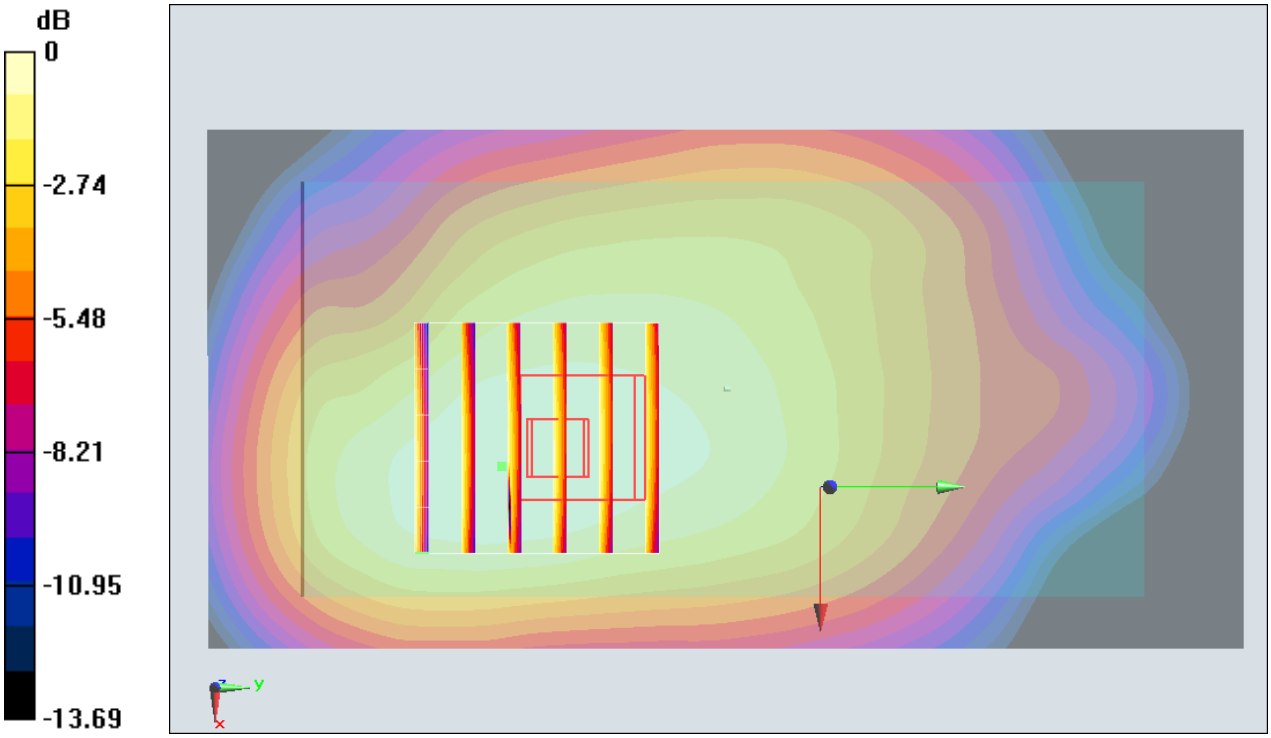
## #10_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_150817 Medium parameters used: f = 849 MHz; $\sigma$ = 0.987 S/m; $\varepsilon_r$ = 54.177; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch251/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.469 W/kg

**Configuration/Ch251/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.45 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.619 W/kg
**SAR(1 g) = 0.370 W/kg; SAR(10 g) = 0.275 W/kg**
Maximum value of SAR (measured) = 0.465 W/kg




0 dB = 0.465 W/kg = -3.33 dBW/kg

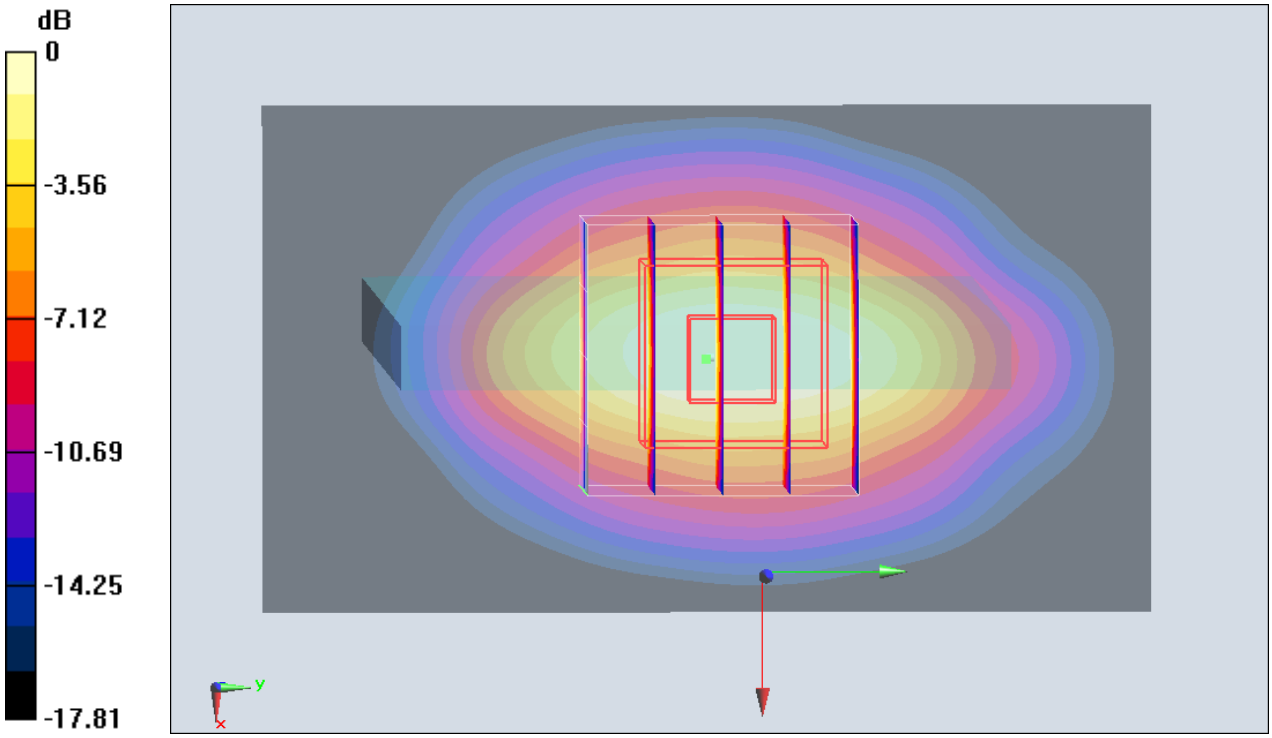
# #11_GSM1900_GPRS (2 Tx slots)_Bottom Side_10mm_Ch661

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium: MSL_1900_150817 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.545 S/m; $\varepsilon_r$ = 51.629; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(7.89, 7.89, 7.89); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch661/Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.995 W/kg

**Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.61 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.06 W/kg
**SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.334 W/kg**
Maximum value of SAR (measured) = 0.916 W/kg




0 dB = 0.916 W/kg = -0.38 dBW/kg

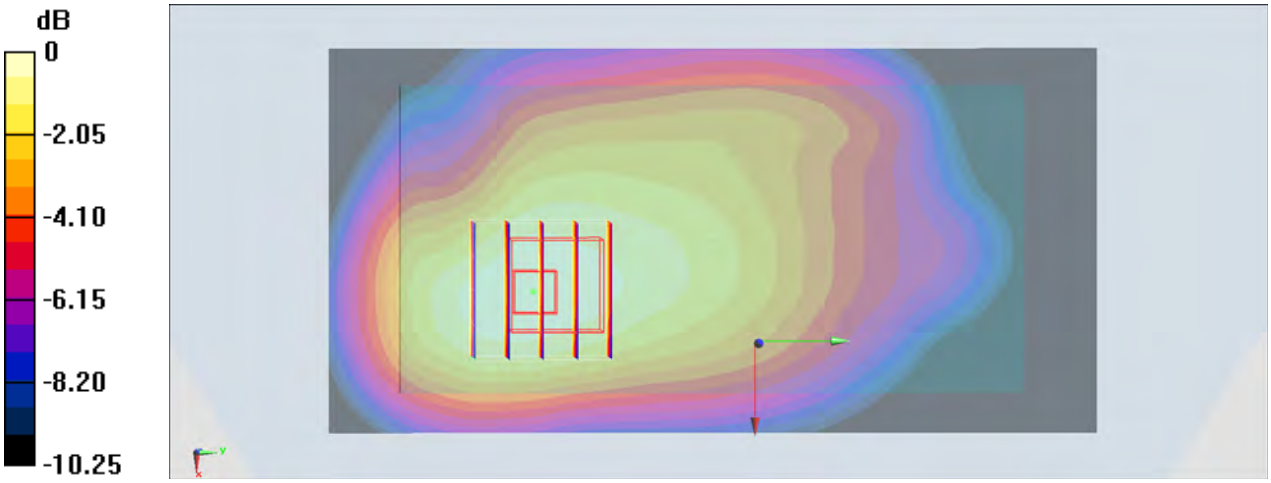
# #11_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch41822

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_150817 Medium parameters used: f = 836.4 MHz; $\sigma$ = 0.974 S/m; $\varepsilon_r$ = 54.301; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch4182/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.641 W/kg

**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.37 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.700 W/kg
**SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.371 W/kg**
Maximum value of SAR (measured) = 0.627 W/kg




0 dB = 0.627 W/kg = -2.03 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015/8/19

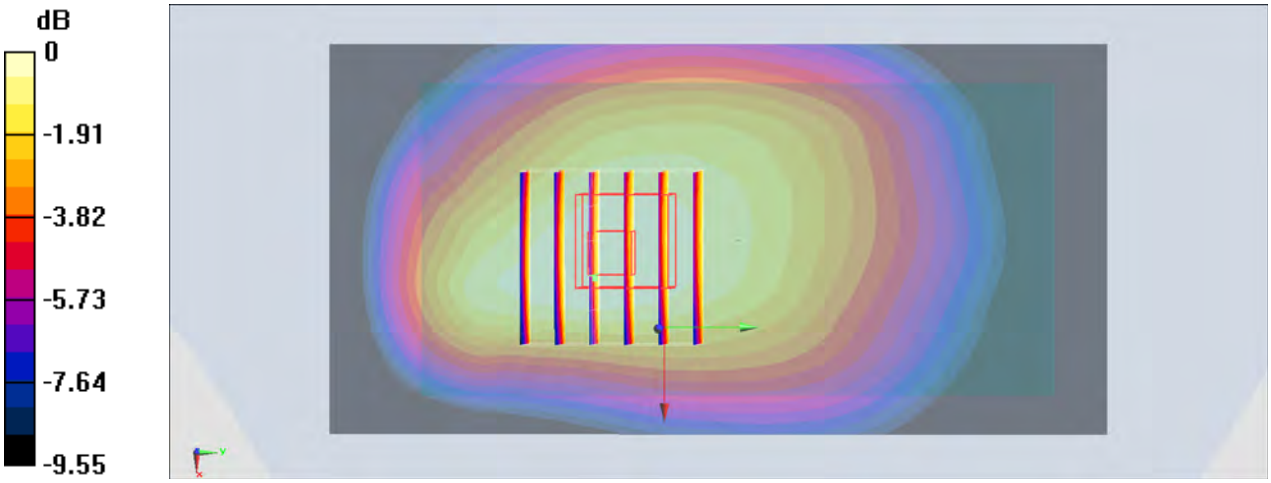
# #13_LTE Band 17_10M_QPSK_1RB_0offset_Back_10mm_Ch23780

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: MSL_750_150819 Medium parameters used: f = 709 MHz; $\sigma$ = 0.93 S/m; $\varepsilon_r$ = 58.256; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(10.16, 10.16, 10.16); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch23780/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.325 W/kg

**Configuration/Ch23780/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.17 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.353 W/kg
**SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.202 W/kg**
Maximum value of SAR (measured) = 0.320 W/kg




0 dB = 0.320 W/kg = -4.95 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015/9/10

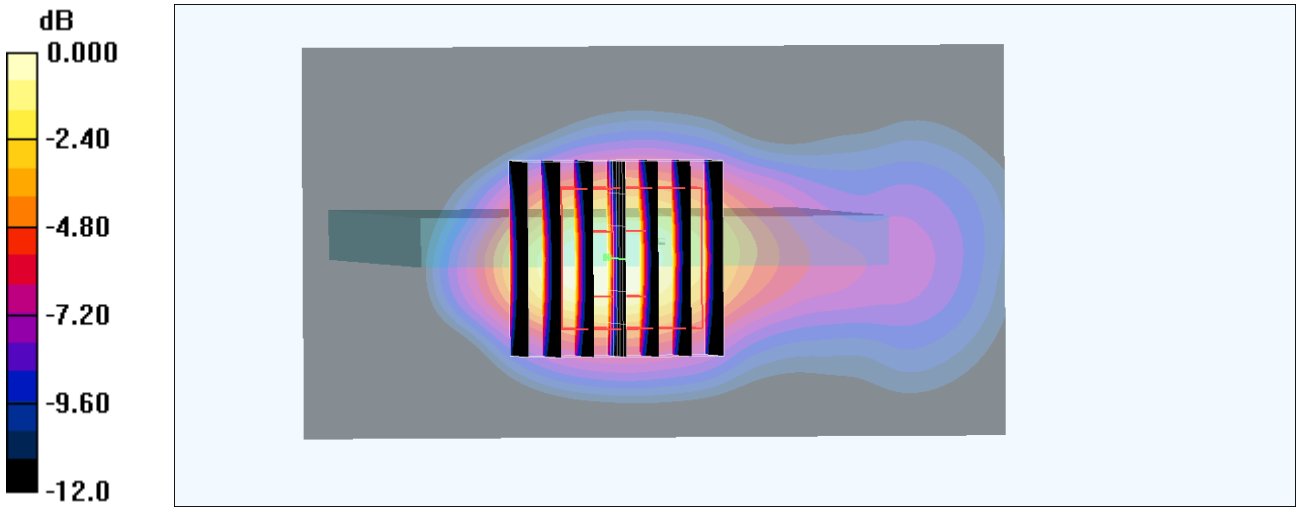
## #14_LTE Band 7_20M_QPSK_50RB_49Offset_Bottom Side_10mm_Ch21100

Communication System: LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: MSL_2600_150910 Medium parameters used: f = 2535 MHz; $\sigma$ = 2.14 mho/m; $\varepsilon_r$ = 52.3; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.33, 7.33, 7.33); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch21100/Area Scan (51x91x1):** Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.329 mW/g

**Ch21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.5 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 0.408 W/kg
**SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.088 mW/g**
Maximum value of SAR (measured) = 0.321 mW/g




0 dB = 0.321mW/g

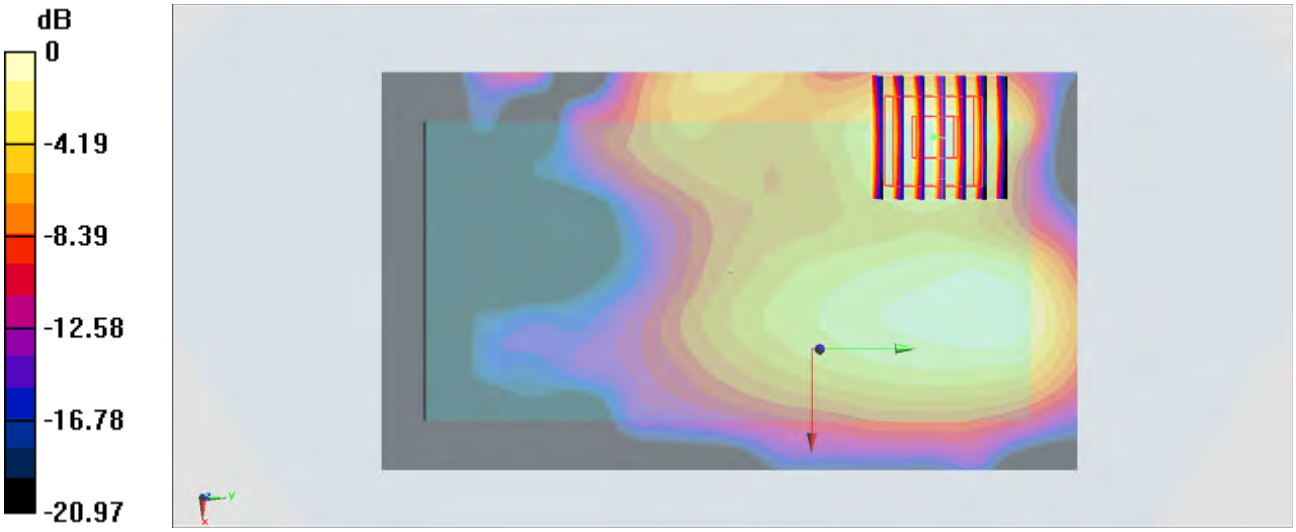
# #15_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch11

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1.014
Medium: MSL_2450_150808 Medium parameters used: f = 2462 MHz; $\sigma$ = 1.957 S/m; $\varepsilon_r$ = 53.579; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.32, 7.32, 7.32); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch11/Area Scan (81x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.124 W/kg

**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.255 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.150 W/kg
**SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.039 W/kg**
Maximum value of SAR (measured) = 0.124 W/kg




0 dB = 0.124 W/kg = -9.07 dBW/kg

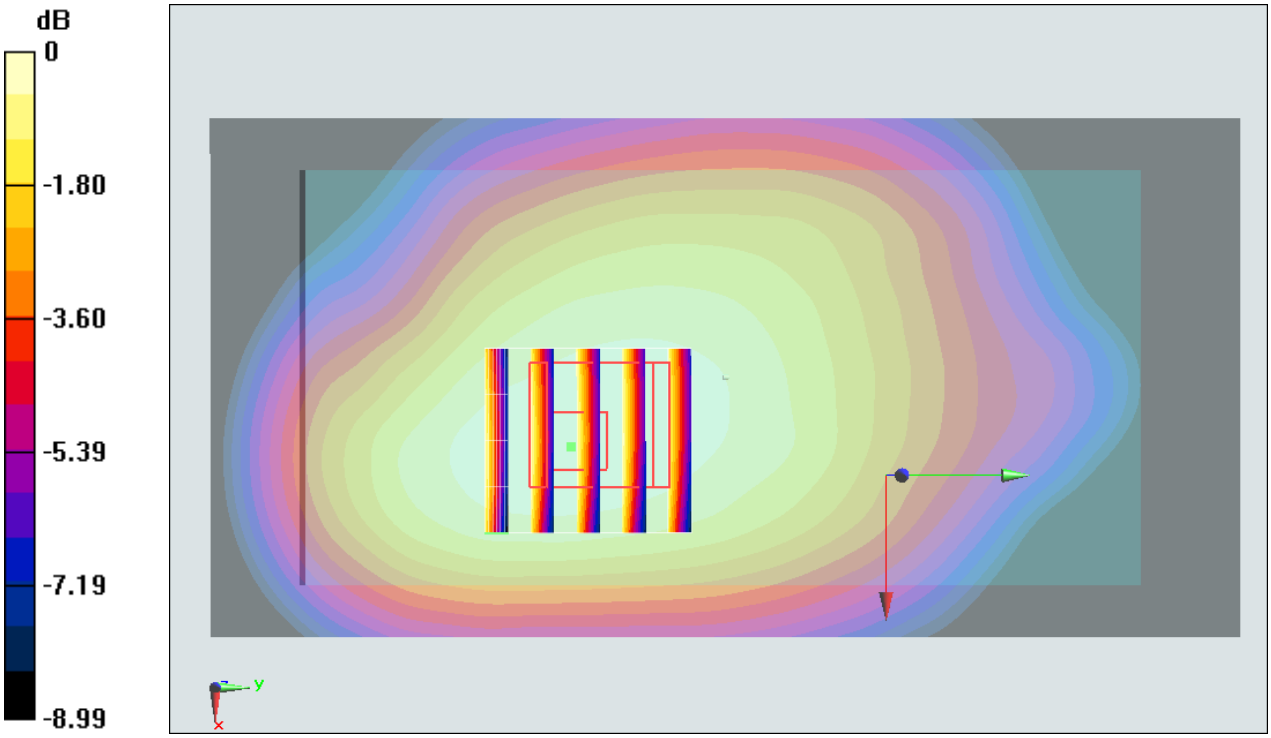
# #16_GSM850_GPRS (4 Tx slots)_Back_15mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_150817 Medium parameters used: f = 849 MHz; $\sigma$ = 0.987 S/m; $\varepsilon_r$ = 54.177; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch251/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.331 W/kg

**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.97 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.361 W/kg
**SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.205 W/kg**
Maximum value of SAR (measured) = 0.330 W/kg




0 dB = 0.330 W/kg = -4.81 dBW/kg

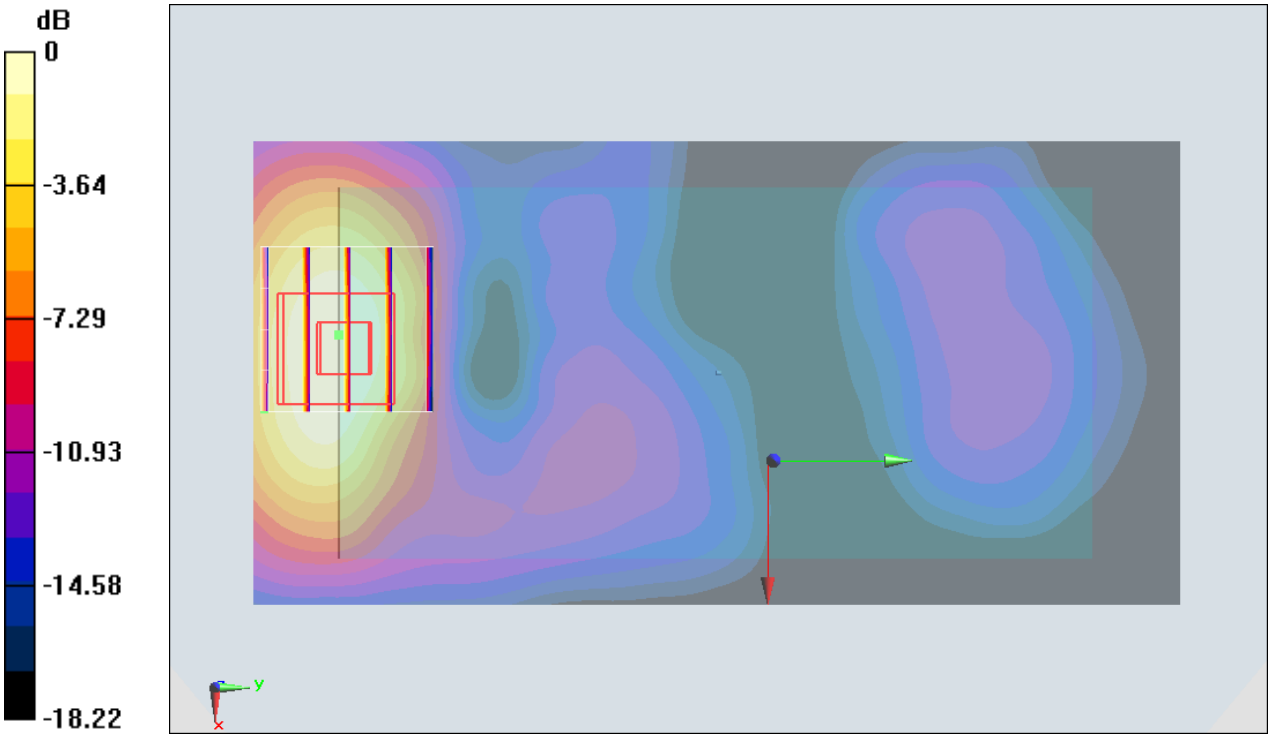
# #17_GSM1900_GPRS (2 Tx slots)_Back_15mm_Ch661

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium: MSL_1900_150817 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.545 S/m; $\varepsilon_r$ = 51.629; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(7.89, 7.89, 7.89); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch661/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.239 W/kg

**Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.51 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.246 W/kg
**SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.090 W/kg**
Maximum value of SAR (measured) = 0.214 W/kg




0 dB = 0.214 W/kg = -6.70 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015/8/17

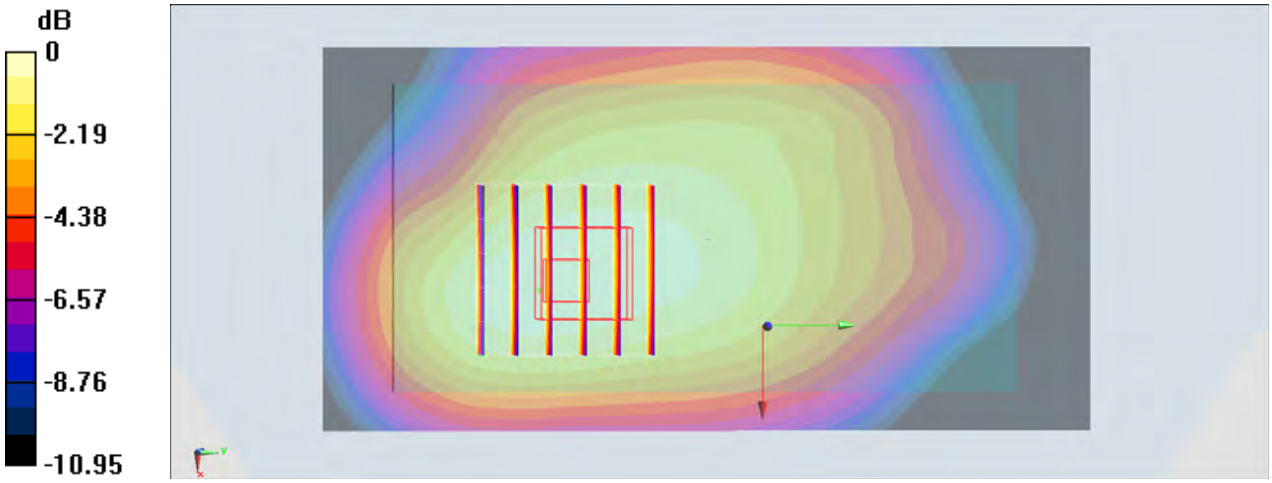
## #18_WCDMA V_RMC 12.2Kbps_Back_15mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_150817 Medium parameters used: f = 836.4 MHz; $\sigma$ = 0.974 S/m; $\varepsilon_r$ = 54.301; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch4182/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.409 W/kg

**Configuration/Ch4182/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.19 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.450 W/kg
**SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.246 W/kg**
Maximum value of SAR (measured) = 0.407 W/kg




0 dB = 0.407 W/kg = -3.90 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015/8/19

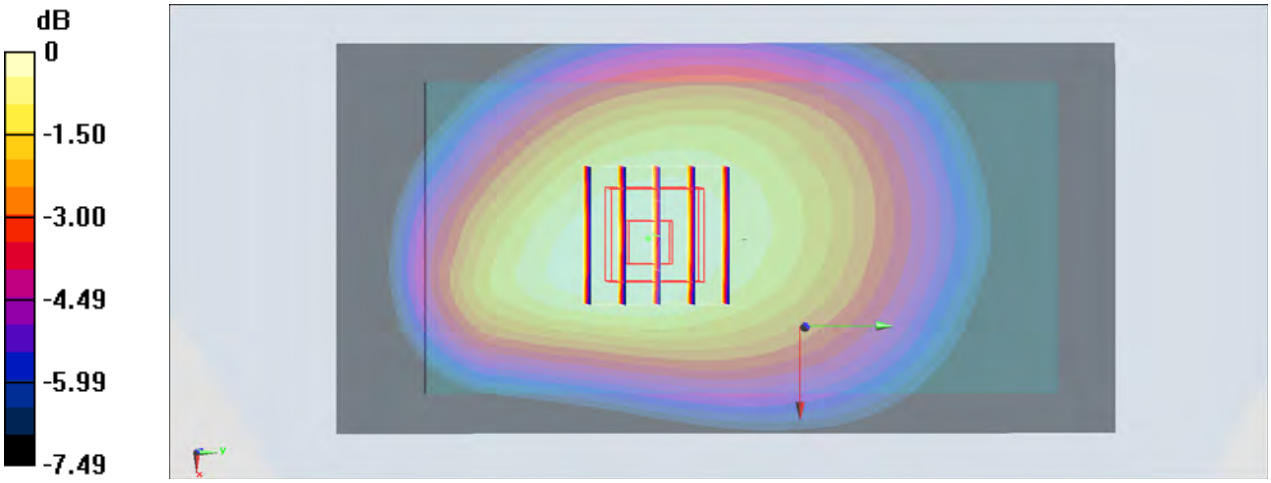
# #19_LTE Band 17_10M_QPSK_1RB_0offset_Back_15mm_Ch23780

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: MSL_750_150819 Medium parameters used: f = 709 MHz; $\sigma$ = 0.93 S/m; $\varepsilon_r$ = 58.256; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(10.16, 10.16, 10.16); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch23780/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.256 W/kg

**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.08 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.273 W/kg
**SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.161 W/kg**
Maximum value of SAR (measured) = 0.248 W/kg




0 dB = 0.248 W/kg = -6.06 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2015/9/10

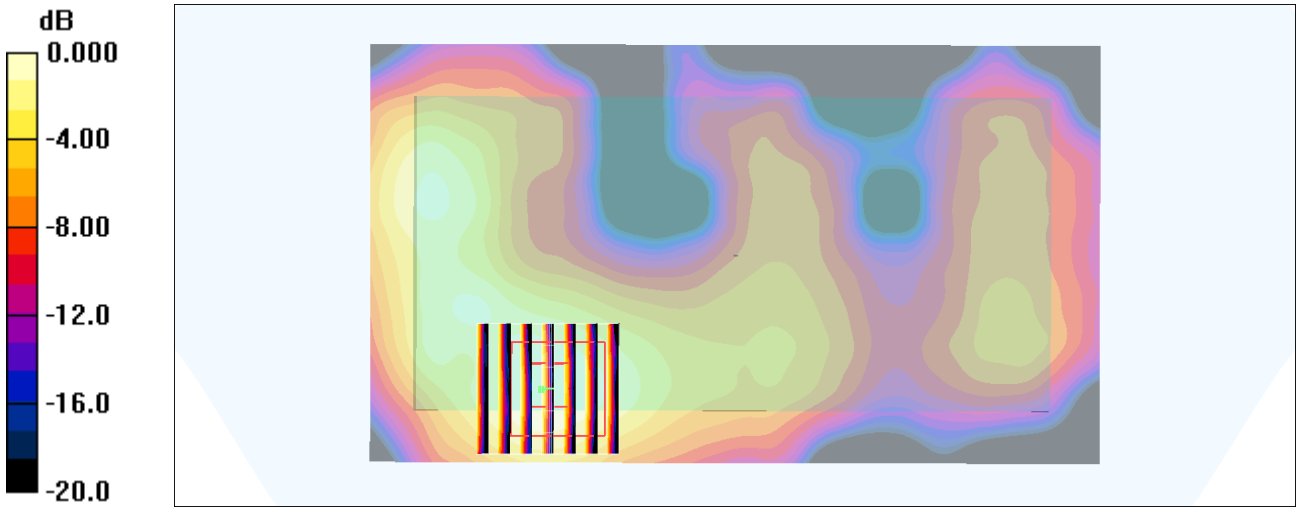
## #20_LTE Band 7_20M_QPSK_50RB_49Offset_Back_15mm_Ch21100

Communication System: LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: MSL_2600_150910 Medium parameters used: f = 2535 MHz; $\sigma$ = 2.14 mho/m; $\varepsilon_r$ = 52.3; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.33, 7.33, 7.33); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch21100/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.095 mW/g

**Ch21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.81 V/m; Power Drift = -0.064 dB
Peak SAR (extrapolated) = 0.116 W/kg
**SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.030 mW/g**
Maximum value of SAR (measured) = 0.092 mW/g




0 dB = 0.092mW/g

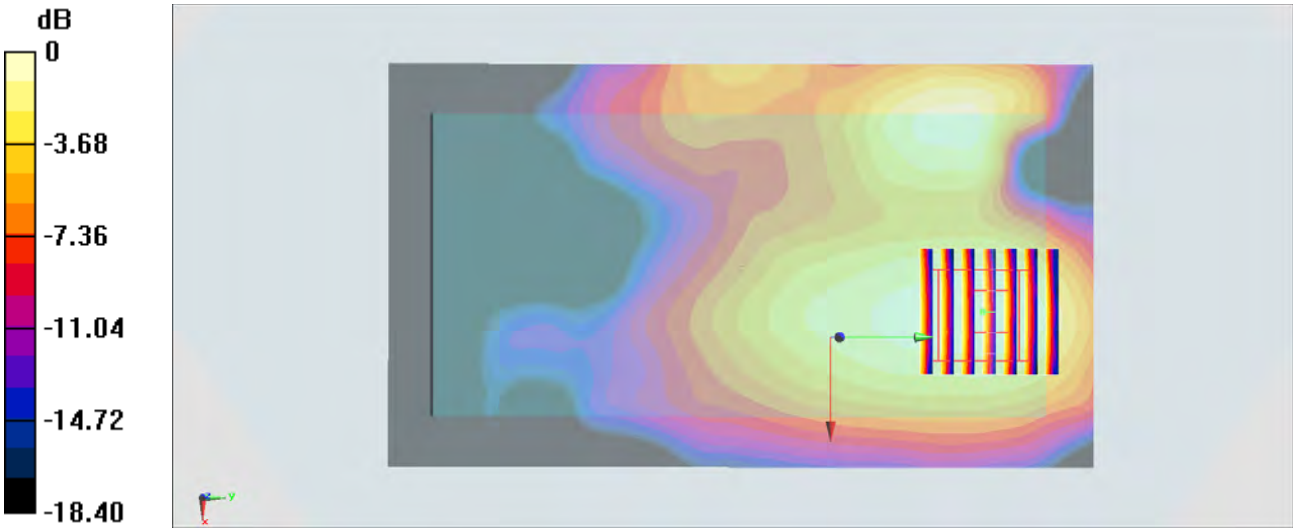
# #21_WLAN2.4GHz_802.11b 1Mbps_Back_15mm_Ch11

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1.014
Medium: MSL_2450_150808 Medium parameters used: f = 2462 MHz; $\sigma$ = 1.957 S/m; $\varepsilon_r$ = 53.579; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.32, 7.32, 7.32); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch11/Area Scan (81x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0637 W/kg

**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.962 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0750 W/kg
**SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.025 W/kg**
Maximum value of SAR (measured) = 0.0628 W/kg




0 dB = 0.0628 W/kg = -12.02 dBW/kg

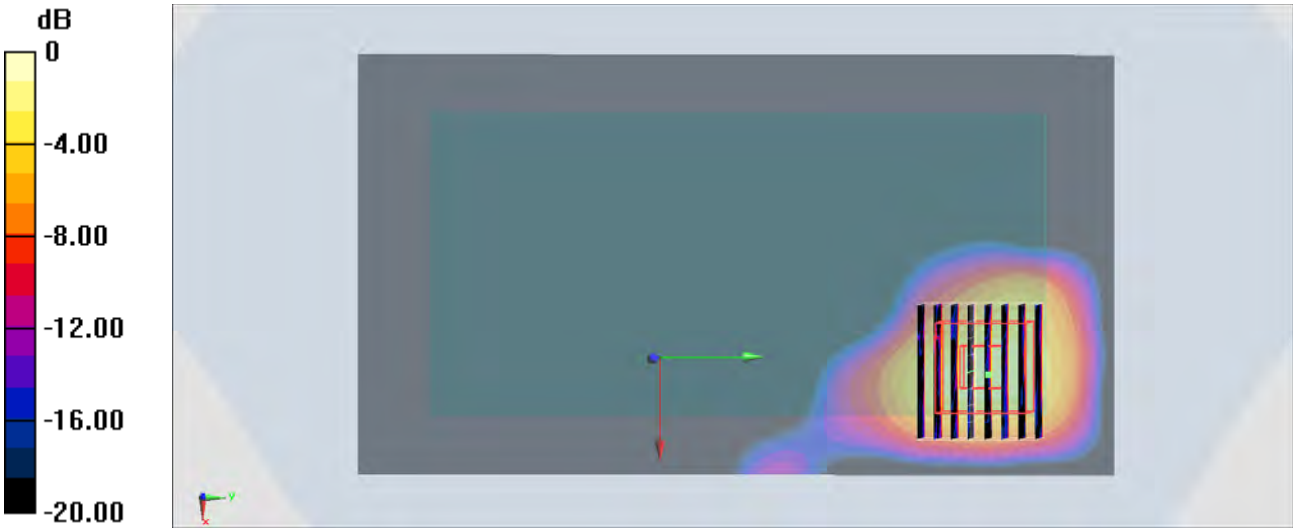
# #22_WLAN5GHz_802.11ac-VHT80 MCS0_Back_15mm_Ch58

Communication System: 802.11ac; Frequency: 5290 MHz;Duty Cycle: 1:1.074
Medium: MSL_5G_150812 Medium parameters used: f = 5290 MHz; $\sigma$ = 5.251 S/m; $\varepsilon_r$ = 47.275; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(4.44, 4.44, 4.44); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch58/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0575 W/kg

**Configuration/Ch58/Zoom Scan (9x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.605 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.197 W/kg
**SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.011 W/kg**
Maximum value of SAR (measured) = 0.0873 W/kg




0 dB = 0.0873 W/kg = -10.59 dBW/kg

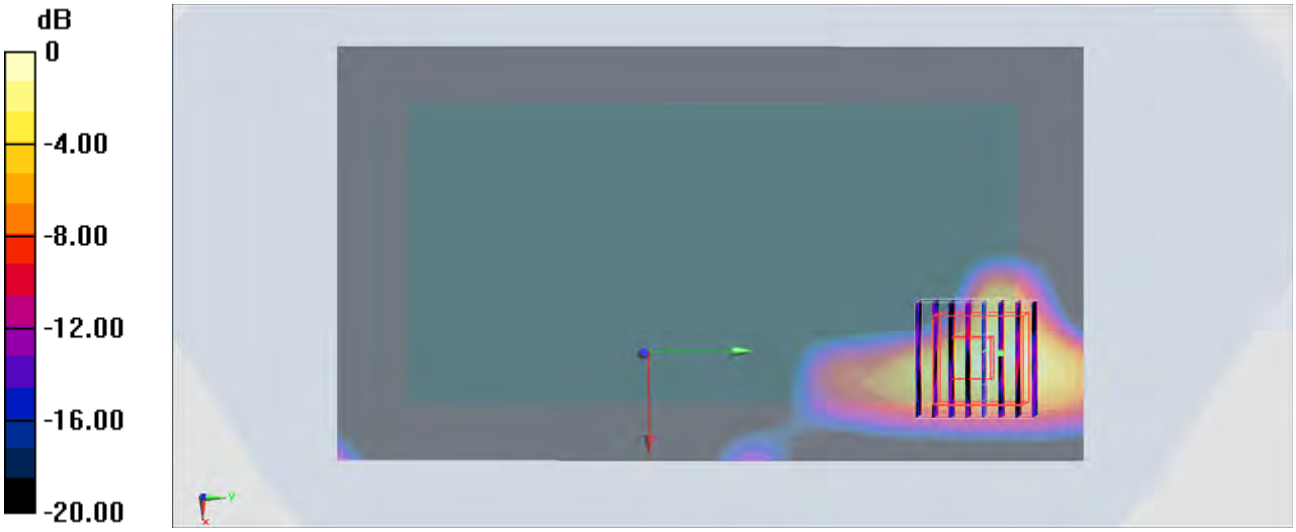
# #23_WLAN5GHz_802.11ac-VHT80 MCS0_Back_15mm_Ch138

Communication System: 802.11ac; Frequency: 5690 MHz;Duty Cycle: 1:1.074
Medium: MSL_5G_150812 Medium parameters used: f = 5690 MHz; $\sigma$ = 5.806 S/m; $\varepsilon_r$ = 46.701; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(4.11, 4.11, 4.11); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch138/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0734 W/kg

**Configuration/Ch138/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.997 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.271 W/kg
**SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.0093 W/kg**
Maximum value of SAR (measured) = 0.0844 W/kg




0 dB = 0.0844 W/kg = -10.74 dBW/kg

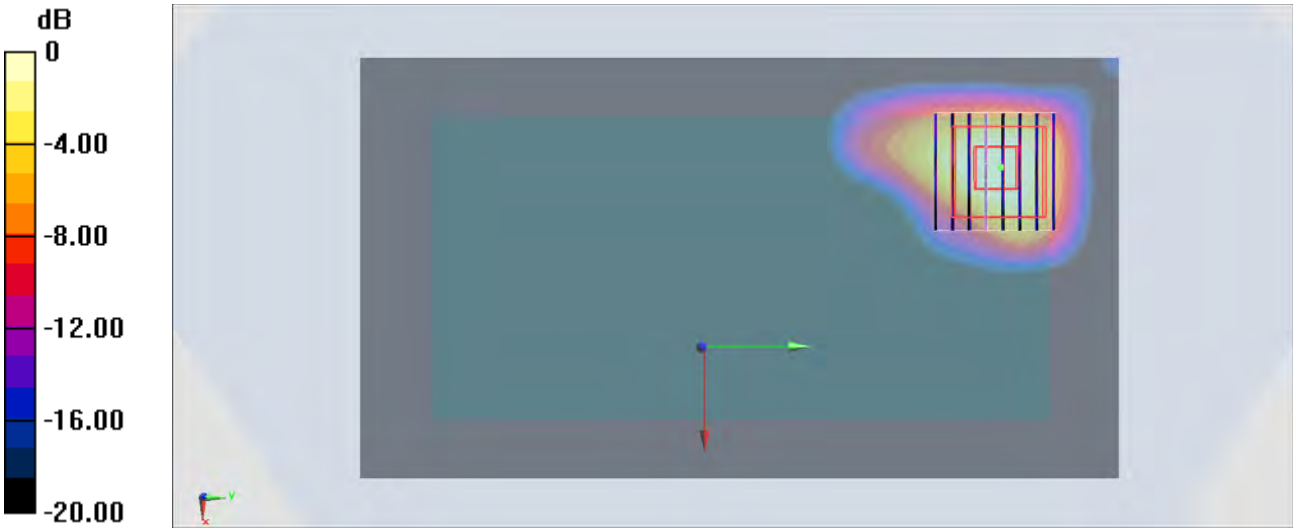
# #24_WLAN5GHz_802.11ac-VHT80 MCS0_Front_15mm_Ch155

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.074
Medium: MSL_5G_150812 Medium parameters used : f = 5775 MHz; $\sigma$ = 5.97 S/m; $\varepsilon_r$ = 46.626; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(4.26, 4.26, 4.26); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch155/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.196 W/kg

**Configuration/Ch155/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.115 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.217 W/kg
**SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.015 W/kg**
Maximum value of SAR (measured) = 0.126 W/kg




0 dB = 0.126 W/kg = -9.00 dBW/kg