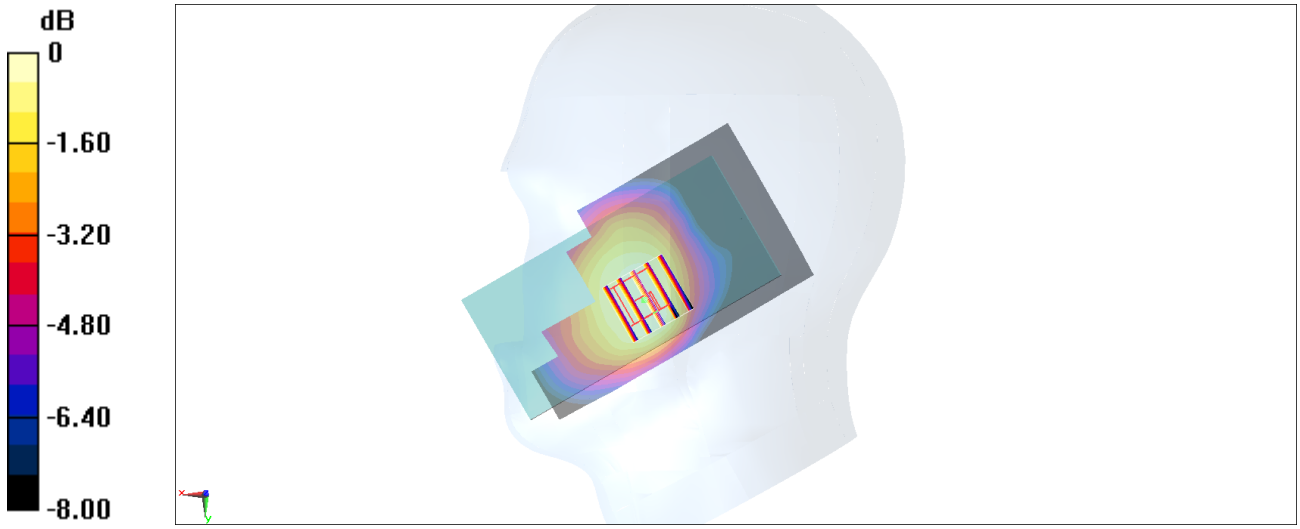
#01_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_190918 Medium parameters used: f = 849 MHz; σ = 0.895 S/m; ε_r = 41.097; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 848.8 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: SAM; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.169 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.46 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.187 W/kg
SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.116 W/kg
Maximum value of SAR (measured) = 0.163 W/kg



0 dB = 0.163 W/kg = -7.88 dBW/kg

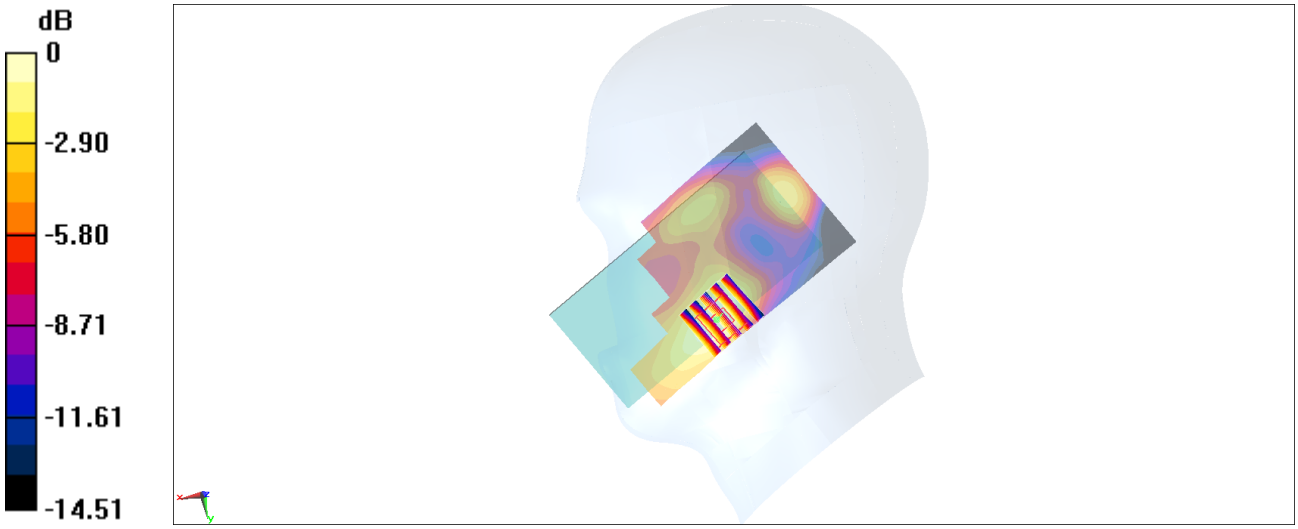
#02_GSM1900_GPRS (4 Tx slots)_Right Cheek_Ch810

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_190916 Medium parameters used: f = 1910 MHz; σ = 1.407 S/m; ε_r = 40.284; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1909.8 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0694 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.586 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0810 W/kg
SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.035 W/kg
Maximum value of SAR (measured) = 0.0639 W/kg



0 dB = 0.0639 W/kg = -11.94 dBW/kg

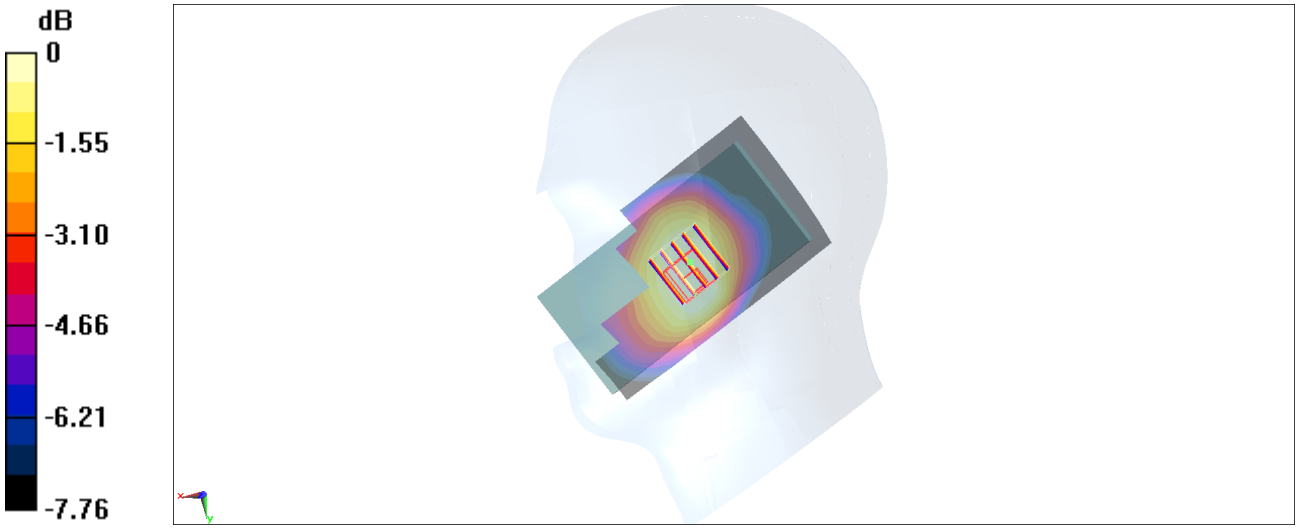
#03_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_190918 Medium parameters used : f = 836.4 MHz; σ = 0.882 S/m; ε_r = 41.293; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 836.4 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: SAM; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.155 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.28 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.165 W/kg
SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.106 W/kg
Maximum value of SAR (measured) = 0.145 W/kg



0 dB = 0.145 W/kg = -8.39 dBW/kg

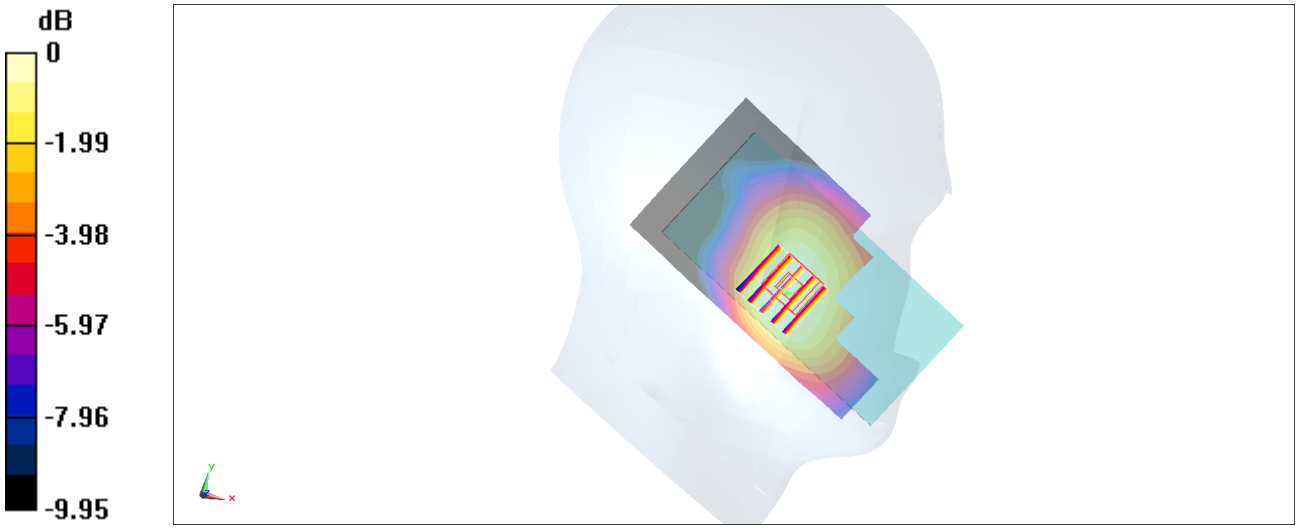
#04_LTE Band 5_10M_QPSK_1_25_Left Cheek_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_190917 Medium parameters used : f = 836.5 MHz; σ = 0.88 S/m; ε_r = 41.172; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 836.5 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: SAM; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.103 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.21 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.114 W/kg
SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.071 W/kg
Maximum value of SAR (measured) = 0.0998 W/kg



0 dB = 0.0998 W/kg = -10.01 dBW/kg

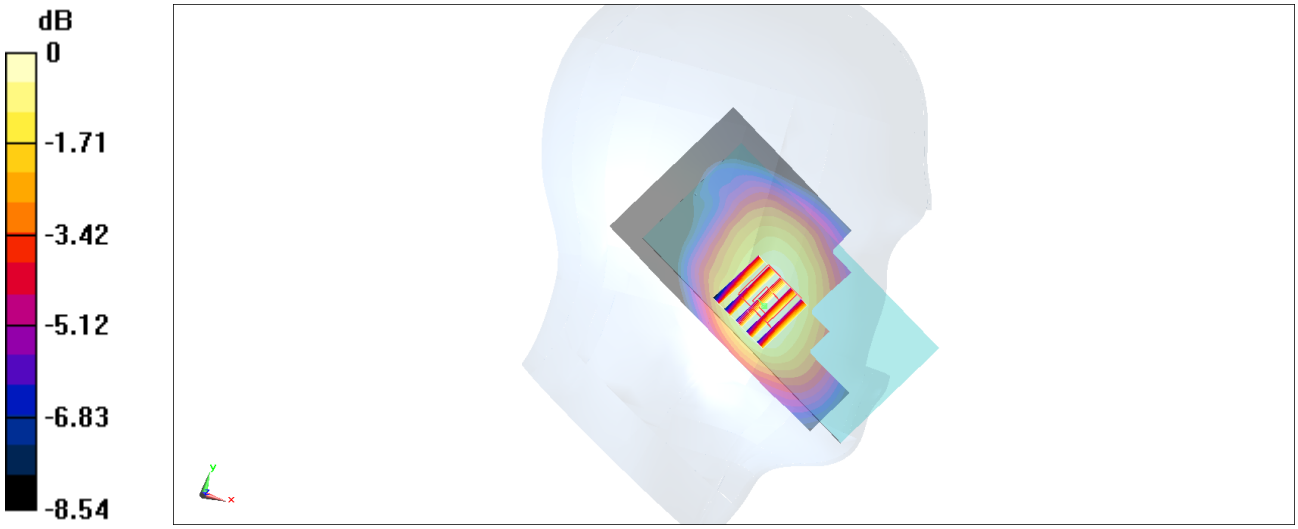
#05_LTE Band 12_10M_QPSK_1_25_Left Cheek_Ch23095

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_190917 Medium parameters used : f = 707.5 MHz; σ = 0.854 S/m; ε_r = 42.041; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(6.15, 6.15, 6.15) @ 707.5 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: SAM; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0775 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.831 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.0840 W/kg
SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.055 W/kg
Maximum value of SAR (measured) = 0.0748 W/kg



0 dB = 0.0748 W/kg = -11.26 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2019/9/25

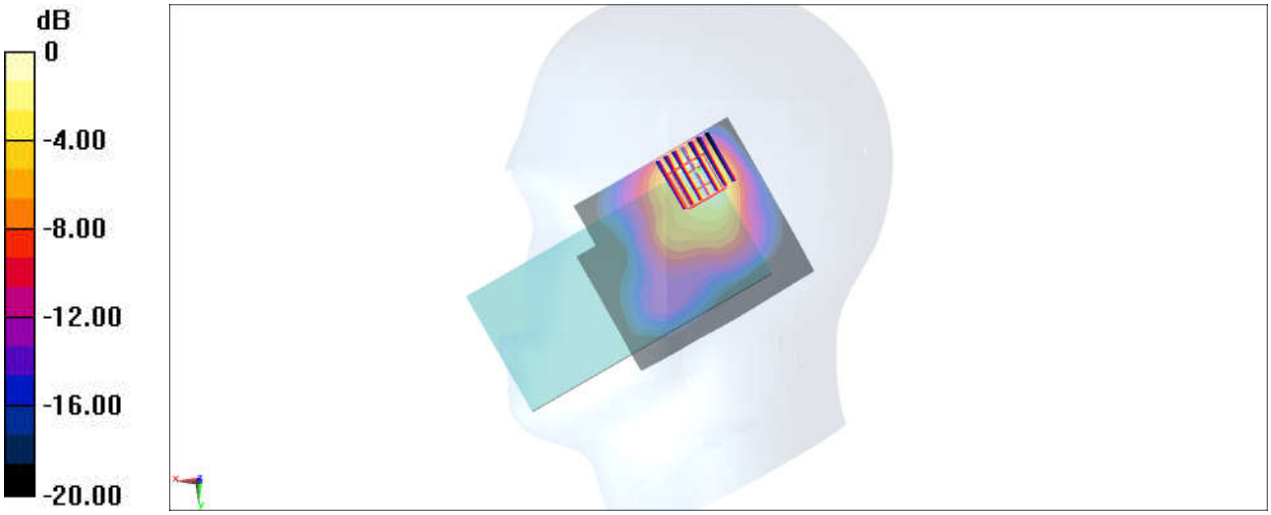
#06_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.009
Medium: HSL_2450_190925 Medium parameters used: f = 2462 MHz; σ = 1.753 S/m; ε_r = 39.191; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(4.49, 4.49, 4.49) @ 2462 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: SAM; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.572 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.22 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.767 W/kg
SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.172 W/kg
Maximum value of SAR (measured) = 0.442 W/kg



0 dB = 0.442 W/kg = -3.55 dBW/kg

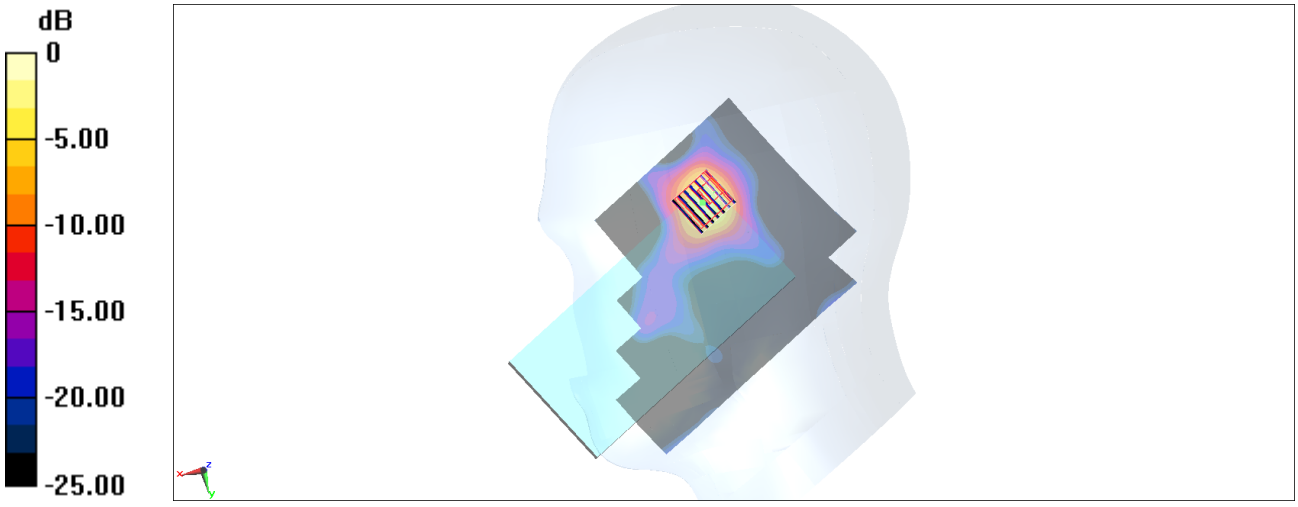
#07_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch58

Communication System: 802.11ac ; Frequency: 5290 MHz;Duty Cycle: 1:1.125
Medium: HSL_5G_190925 Medium parameters used: f = 5290 MHz; σ = 4.531 S/m; ε_r = 37.569; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(5.36, 5.36, 5.36) @ 5290 MHz; Calibrated: 2019/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2018/10/29
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (121x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.554 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.914 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.083 W/kg
Maximum value of SAR (measured) = 0.933 W/kg



0 dB = 0.933 W/kg = -0.30 dBW/kg

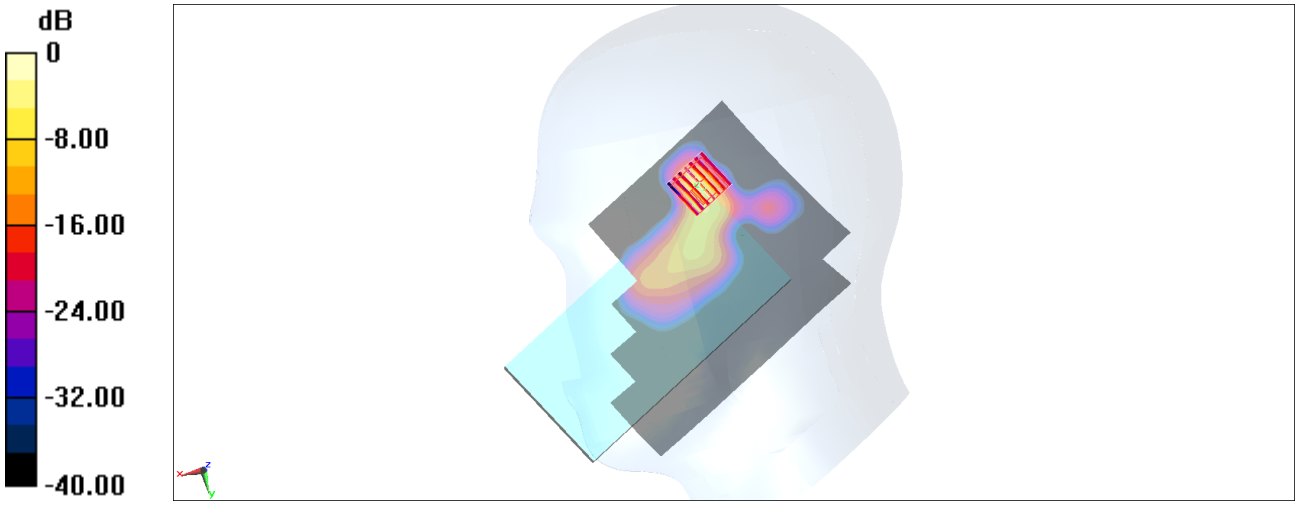
#08_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch122

Communication System: 802.11ac ; Frequency: 5610 MHz;Duty Cycle: 1:1.125
Medium: HSL_5G_190925 Medium parameters used: f = 5610 MHz; σ = 4.863 S/m; ε_r = 37.117; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(4.75, 4.75, 4.75) @ 5610 MHz; Calibrated: 2019/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2018/10/29
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (121x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.205 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.862 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.058 W/kg
Maximum value of SAR (measured) = 0.883 W/kg



0 dB = 0.883 W/kg = -0.54 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2019/9/25

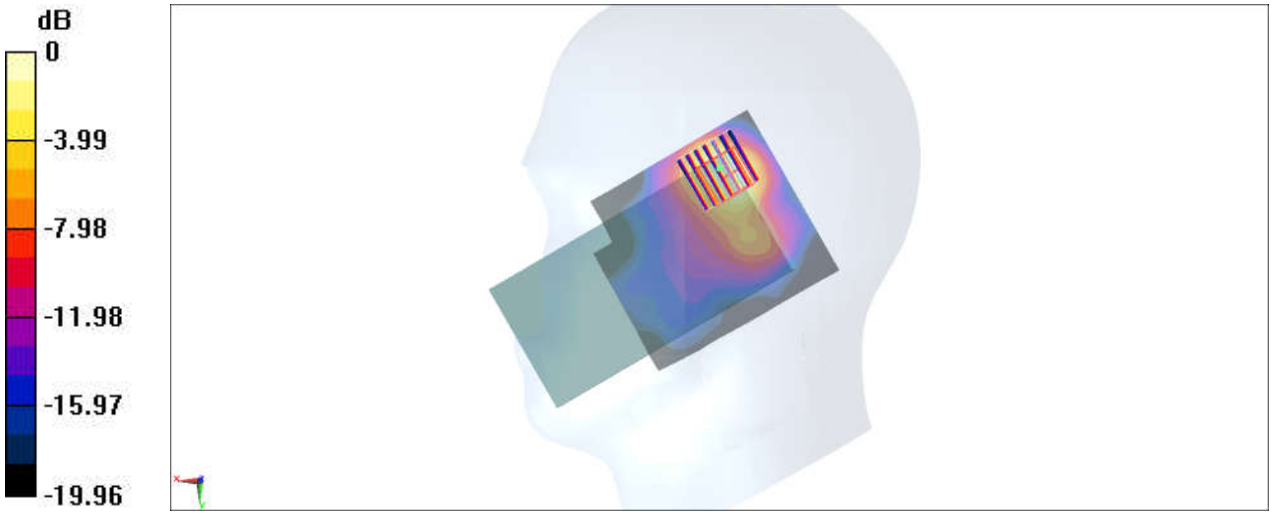
#09_ Bluetooth_1Mbps_Right Tilted_Ch39

Communication System: Bluetooth ; Frequency: 2441 MHz;Duty Cycle: 1:1.301
Medium: HSL_2450_190925 Medium parameters used : f = 2441 MHz; σ = 1.73 S/m; ε_r = 39.253; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(4.49, 4.49, 4.49) @ 2441 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: SAM; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.187 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.526 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.302 W/kg
SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.069 W/kg
Maximum value of SAR (measured) = 0.199 W/kg



0 dB = 0.199 W/kg = -7.01 dBW/kg

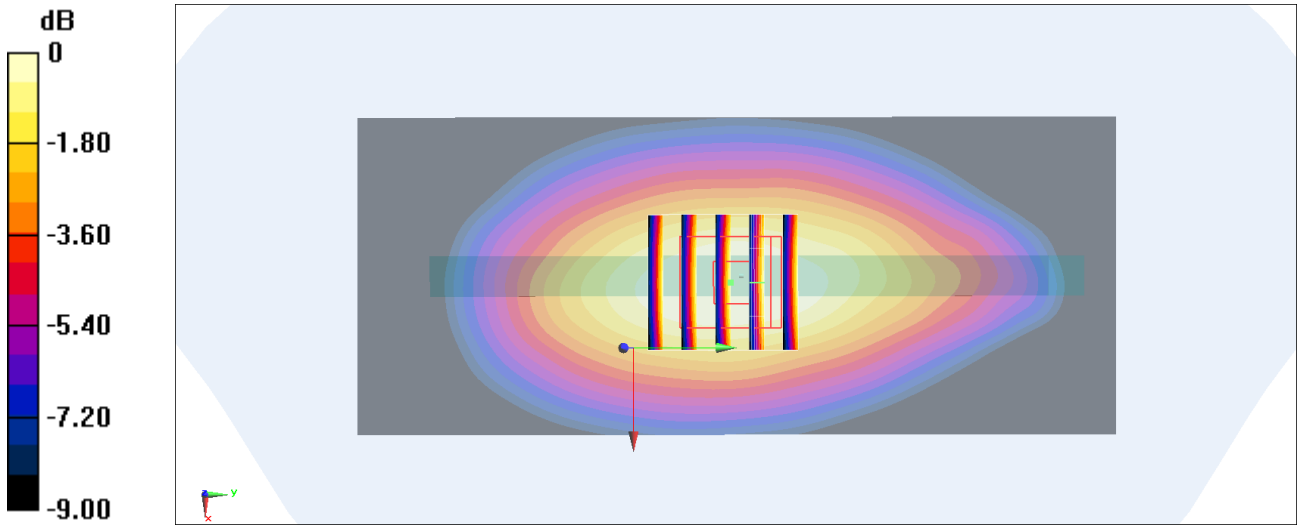
#10_GSM850_GPRS (4 Tx slots)_Right Side_10mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_190918 Medium parameters used: f = 849 MHz; σ = 0.895 S/m; ε_r = 41.097; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 848.8 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: SAM; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.295 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.15 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.341 W/kg
SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.171 W/kg
Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.281 W/kg = -5.51 dBW/kg

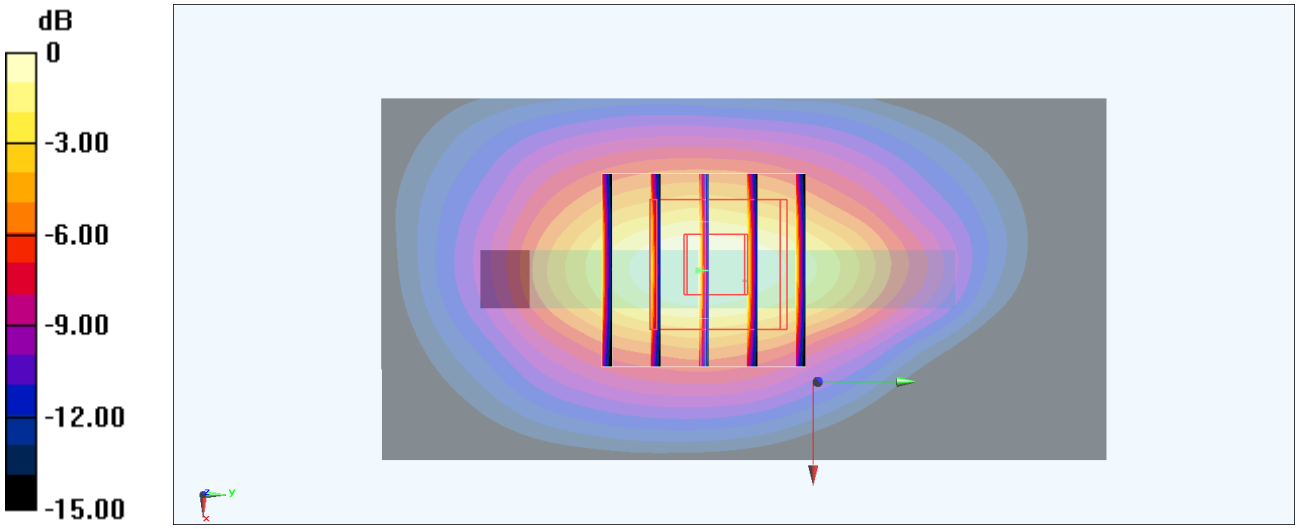
#11_GSM1900_GPRS (4 Tx slots)_Bottom Side_10mm_Ch810

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_190916 Medium parameters used: f = 1910 MHz; σ = 1.407 S/m; ε_r = 40.284; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1909.8 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.714 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.35 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.936 W/kg
SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.291 W/kg
Maximum value of SAR (measured) = 0.672 W/kg



0 dB = 0.672 W/kg = -1.73 dBW/kg

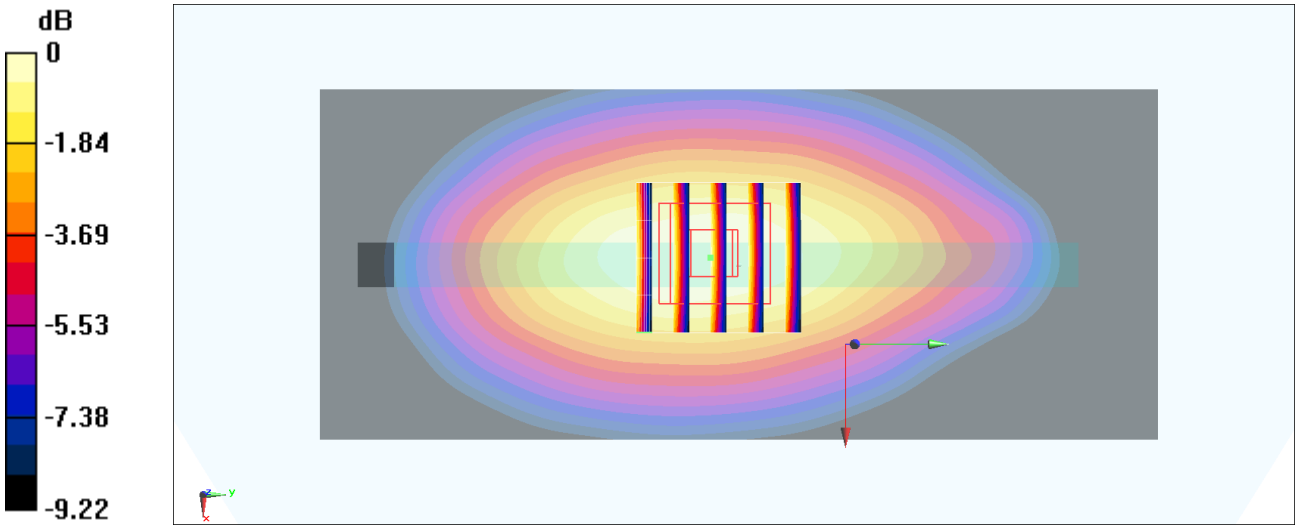
#12_WCDMA V_RMC 12.2Kbps_Right Side_10mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_190918 Medium parameters used : f = 836.4 MHz; σ = 0.882 S/m; ε_r = 41.293; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 836.4 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: SAM; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.253 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.97 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.301 W/kg
SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 0.247 W/kg



0 dB = 0.247 W/kg = -6.07 dBW/kg

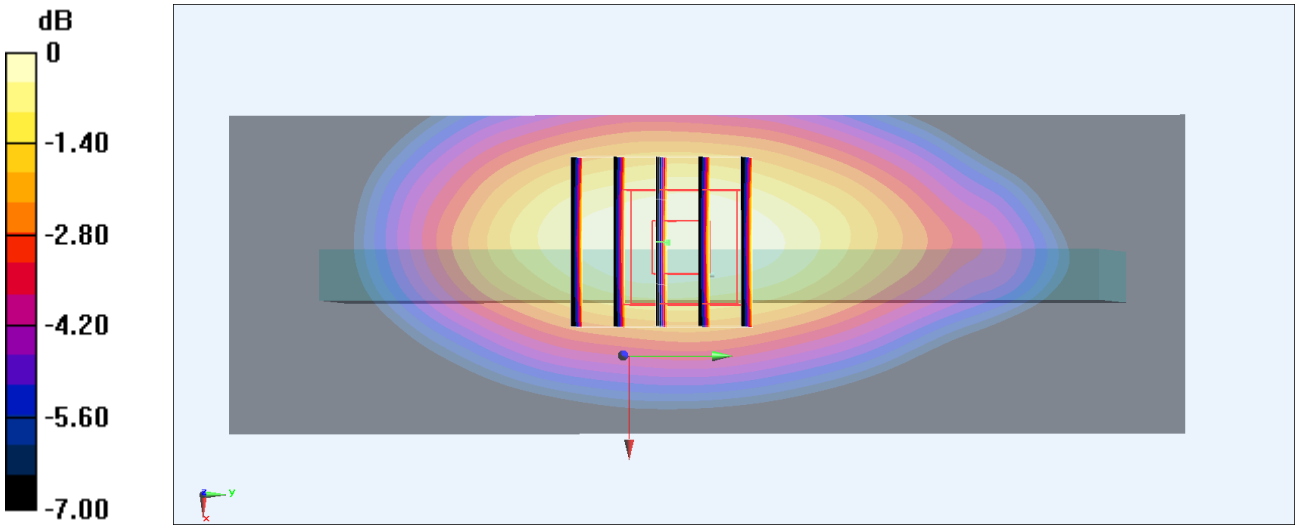
#13_LTE Band 5_10M_QPSK_1_25_Right Side_10mm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_190917 Medium parameters used : f = 836.5 MHz; σ = 0.88 S/m; ε_r = 41.172; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 836.5 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: SAM; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.169 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.04 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.204 W/kg
SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.100 W/kg
Maximum value of SAR (measured) = 0.165 W/kg



0 dB = 0.165 W/kg = -7.83 dBW/kg

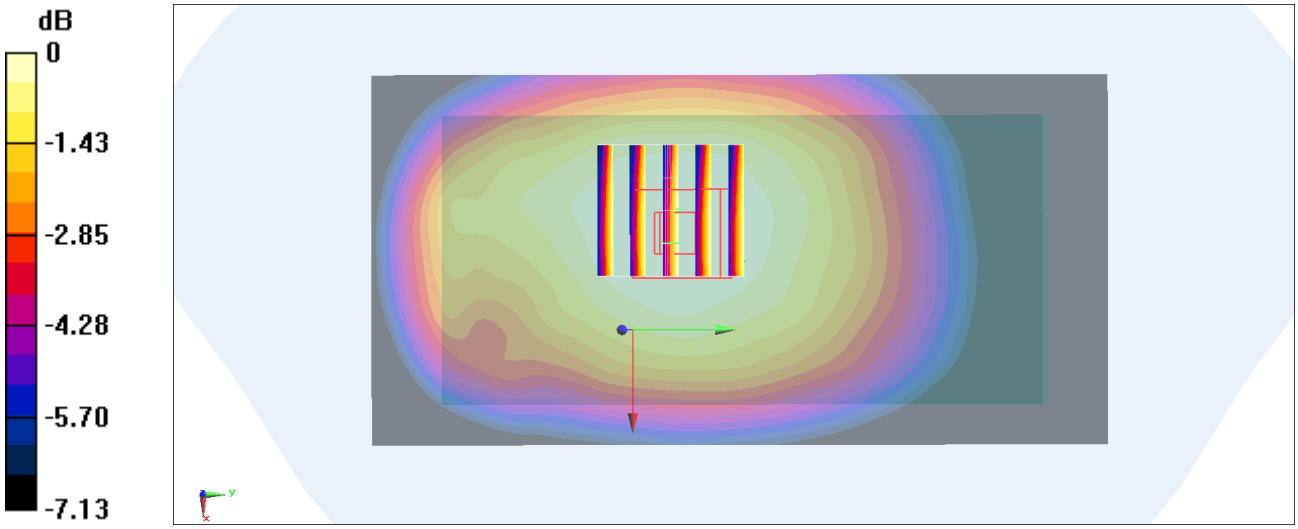
#14_LTE Band 12_10M_QPSK_1_25_Front_10mm_Ch23095

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_190917 Medium parameters used : f = 707.5 MHz; σ = 0.854 S/m; ε_r = 42.041; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(6.15, 6.15, 6.15) @ 707.5 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: SAM; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.120 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.46 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.129 W/kg
SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.087 W/kg
Maximum value of SAR (measured) = 0.116 W/kg



0 dB = 0.116 W/kg = -9.36 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2019/9/25

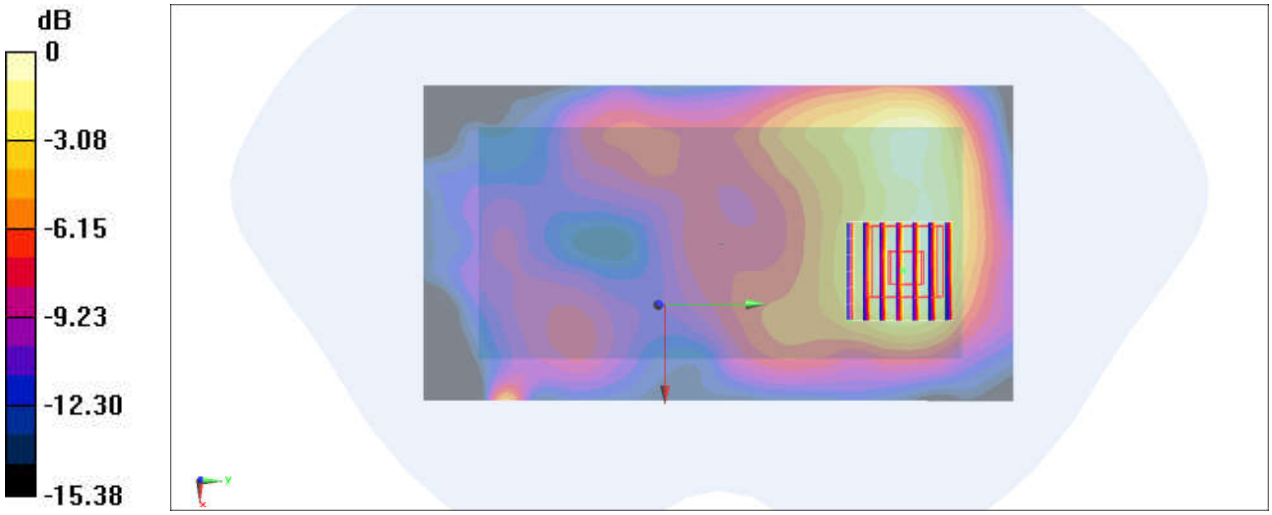
#15_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.009
Medium: HSL_2450_190925 Medium parameters used: f = 2462 MHz; σ = 1.753 S/m; ε_r = 39.191; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(4.49, 4.49, 4.49) @ 2462 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: SAM; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0502 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.138 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.0680 W/kg
SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0489 W/kg



0 dB = 0.0489 W/kg = -13.11 dBW/kg

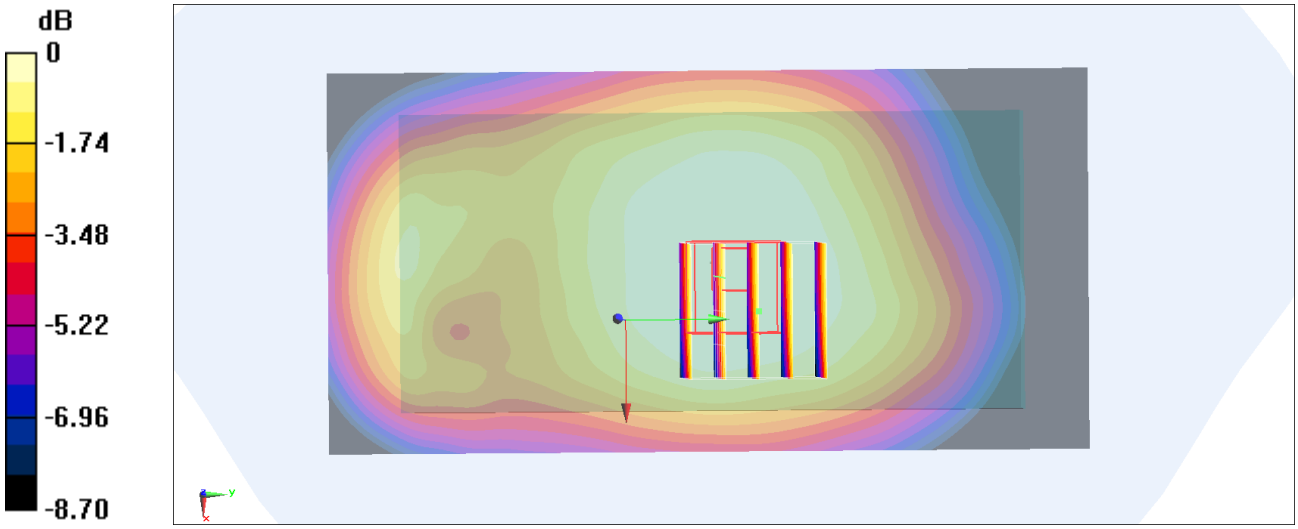
#16_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_190918 Medium parameters used: f = 849 MHz; σ = 0.895 S/m; ε_r = 41.097; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 848.8 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: SAM; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.197 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.63 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.209 W/kg
SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.132 W/kg
Maximum value of SAR (measured) = 0.186 W/kg



0 dB = 0.186 W/kg = -7.30 dBW/kg

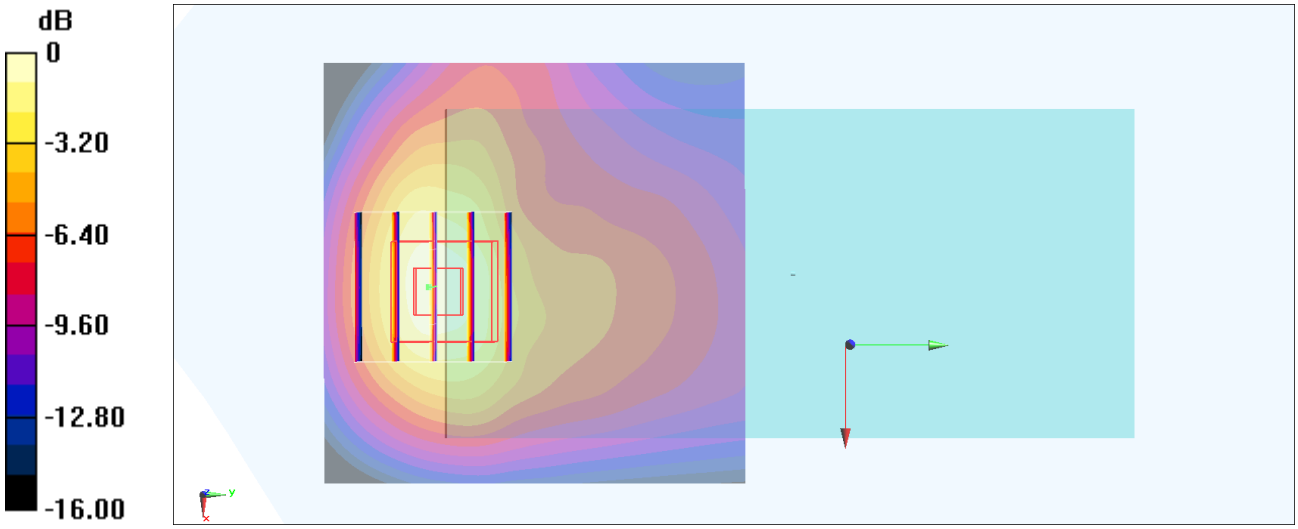
#17_GSM1900_GPRS (4 Tx slots)_Front_10mm_Ch810

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_190916 Medium parameters used: f = 1910 MHz; σ = 1.407 S/m; ε_r = 40.284; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1909.8 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.396 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.93 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.571 W/kg
SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.199 W/kg
Maximum value of SAR (measured) = 0.427 W/kg



0 dB = 0.427 W/kg = -3.70 dBW/kg

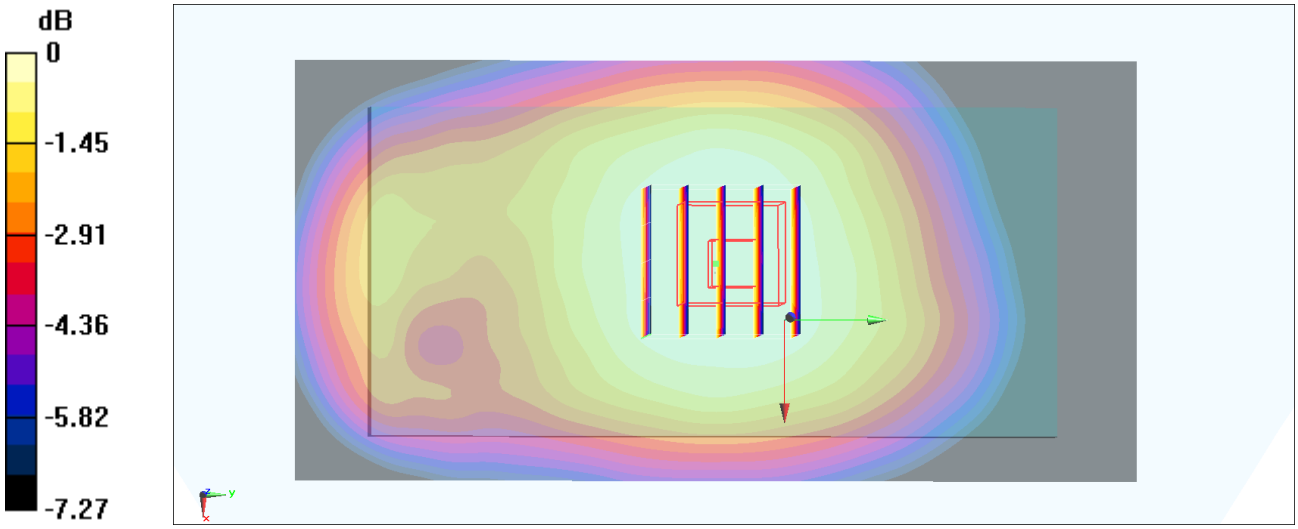
#18_WCDMA V_RMC 12.2Kbps_Front_10mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_190918 Medium parameters used : f = 836.4 MHz; σ = 0.882 S/m; ε_r = 41.293; ρ = 1000 kg/m^3
Ambient Temperature：23.9 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 836.4 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: SAM; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.183 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.37 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.201 W/kg
SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 0.178 W/kg



0 dB = 0.178 W/kg = -7.50 dBW/kg

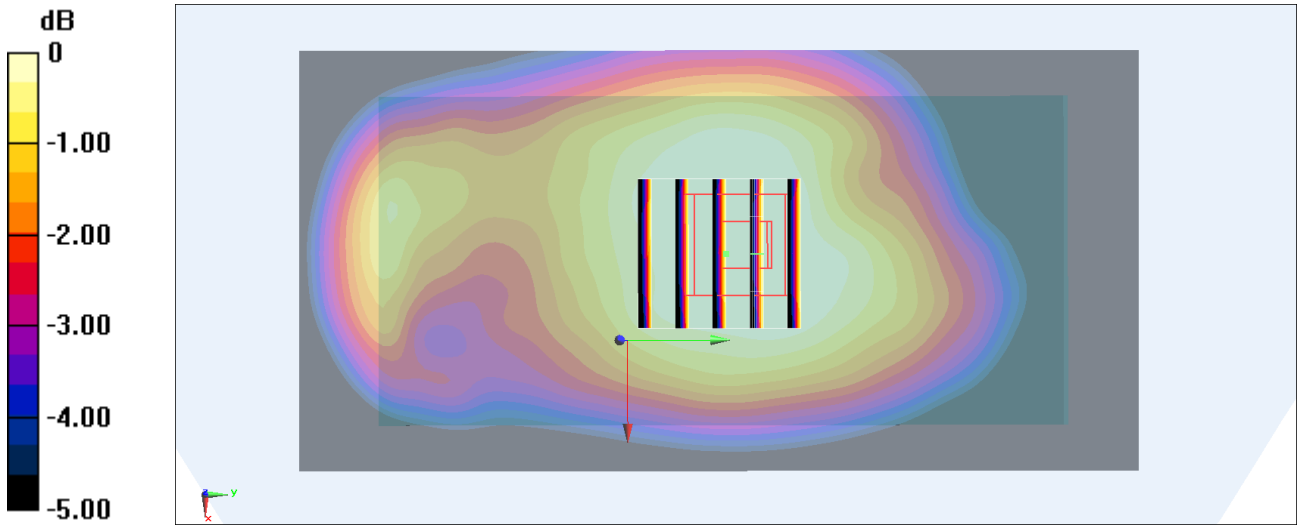
#19_LTE Band 5_10M_QPSK_1_25_Front_10mm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_190917 Medium parameters used : f = 836.5 MHz; σ = 0.88 S/m; ε_r = 41.172; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 836.5 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: SAM; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.127 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.88 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.136 W/kg
SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.088 W/kg
Maximum value of SAR (measured) = 0.121 W/kg



0 dB = 0.121 W/kg = -9.17 dBW/kg

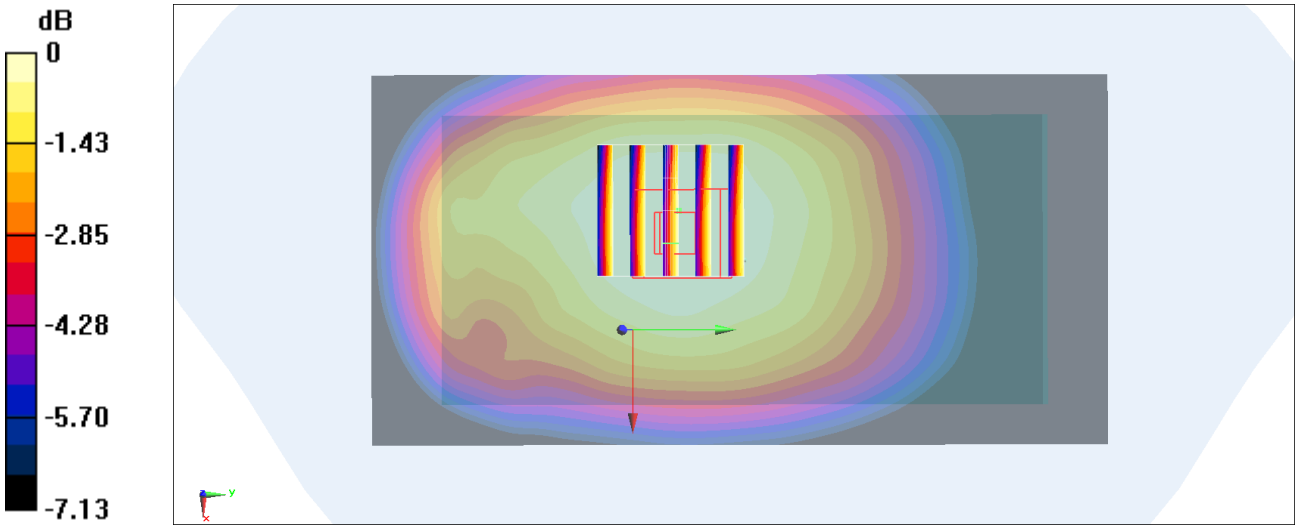
#20_LTE Band 12_10M_QPSK_1_25_Front_10mm_Ch23095

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_190917 Medium parameters used : f = 707.5 MHz; σ = 0.854 S/m; ε_r = 42.041; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(6.15, 6.15, 6.15) @ 707.5 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: SAM; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.120 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.46 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.129 W/kg
SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.087 W/kg
Maximum value of SAR (measured) = 0.116 W/kg



0 dB = 0.116 W/kg = -9.36 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2019/9/25

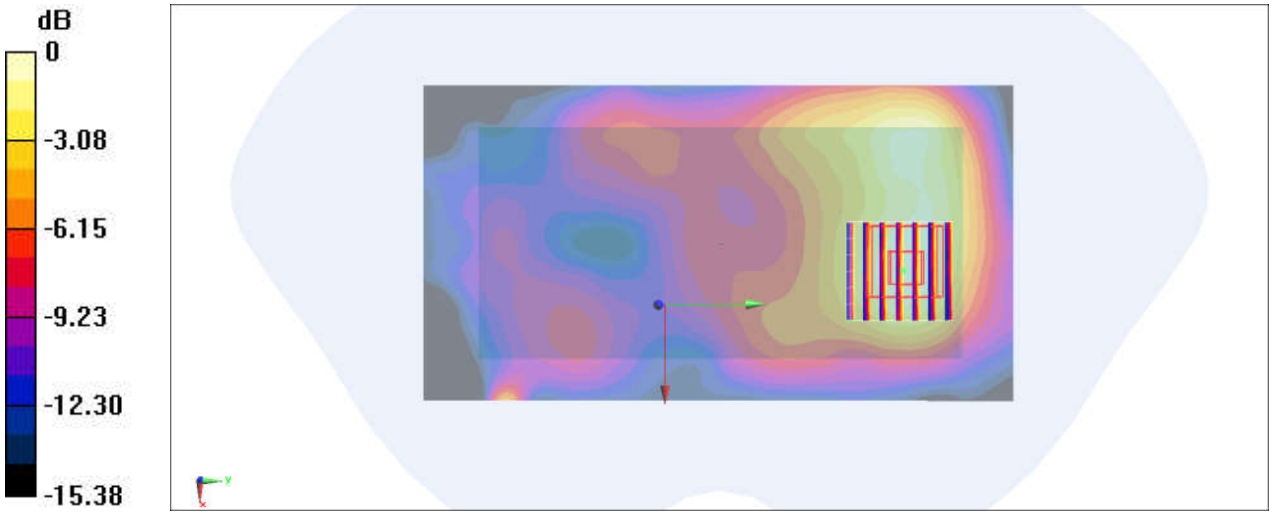
#21_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.009
Medium: HSL_2450_190925 Medium parameters used: f = 2462 MHz; σ = 1.753 S/m; ε_r = 39.191; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(4.49, 4.49, 4.49) @ 2462 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: SAM; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0502 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.138 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.0680 W/kg
SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0489 W/kg



0 dB = 0.0489 W/kg = -13.11 dBW/kg

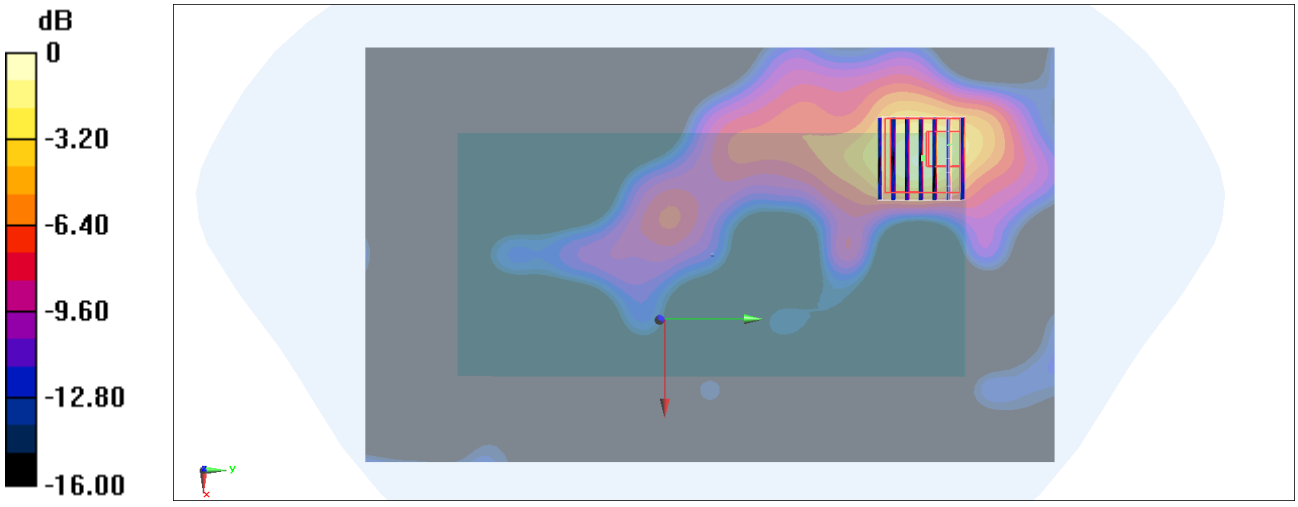
#22_WLAN5GHz_802.11ac-VHT80 MCS0 Front 10mm Ch58

Communication System: 802.11ac ; Frequency: 5290 MHz;Duty Cycle: 1:1.125
Medium: HSL_5G_190925 Medium parameters used: f = 5290 MHz; σ = 4.531 S/m; ε_r = 37.569; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(5.36, 5.36, 5.36) @ 5290 MHz; Calibrated: 2019/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2018/10/29
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (121x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0910 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.991 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.184 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.018 W/kg
Maximum value of SAR (measured) = 0.113 W/kg



0 dB = 0.113 W/kg = -9.47 dBW/kg

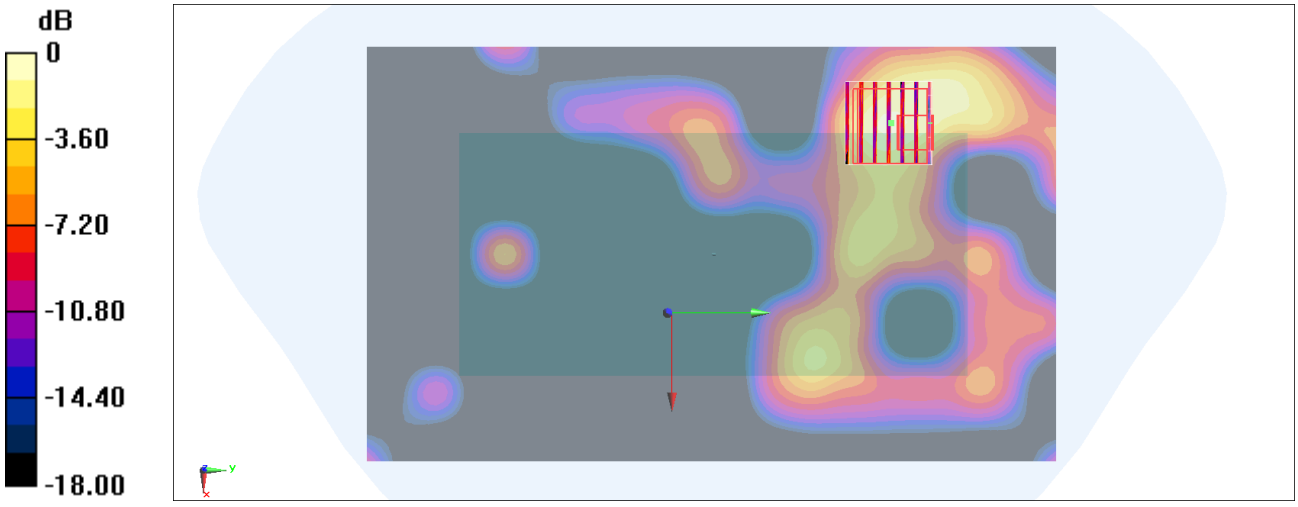
#23_WLAN5GHz_802.11ac-VHT80 MCS0 Front 10mm Ch122

Communication System: 802.11ac ; Frequency: 5610 MHz;Duty Cycle: 1:1.125
Medium: HSL_5G_190925 Medium parameters used: f = 5610 MHz; σ = 4.863 S/m; ε_r = 37.117; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(4.75, 4.75, 4.75) @ 5610 MHz; Calibrated: 2019/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2018/10/29
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1682
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (121x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0455 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.758 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.135 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00706 W/kg
Maximum value of SAR (measured) = 0.0564 W/kg



0 dB = 0.0564 W/kg = -12.49 dBW/kg