Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/11

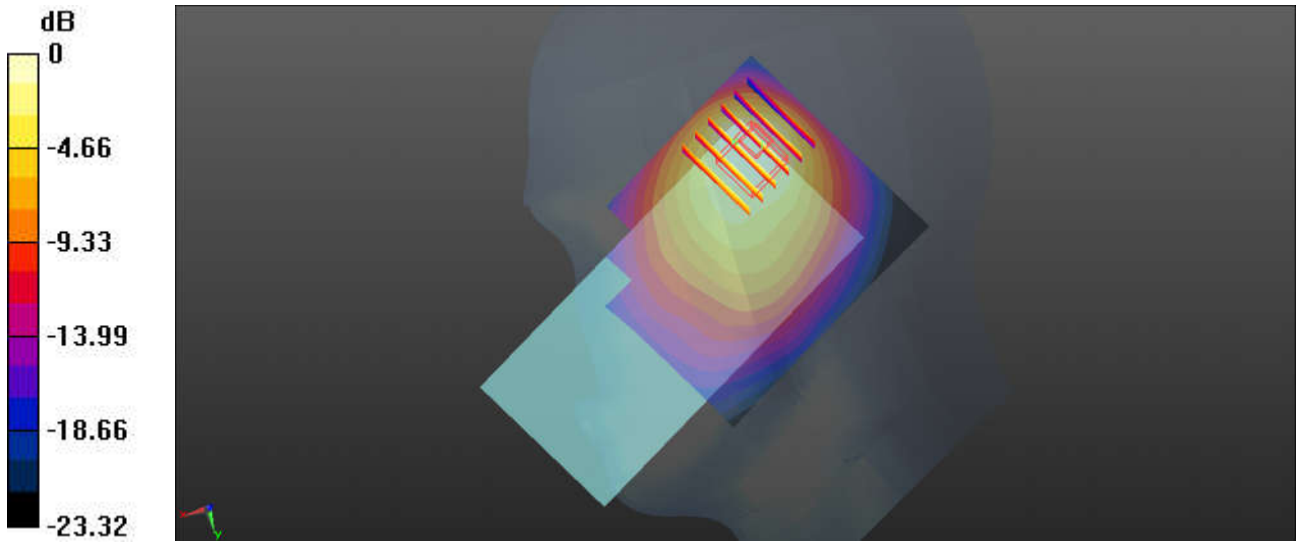
01_LTE Band 12_10M_QPSK_1RB_25Offset_Right Cheek_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_220811 Medium parameters used: f = 707.5 MHz; σ = 0.857 S/m; ε_r = 41.674; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.37, 10.37, 10.37); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch23095/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.756 W/kg

Ch23095/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.78 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.321 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 0.756 W/kg

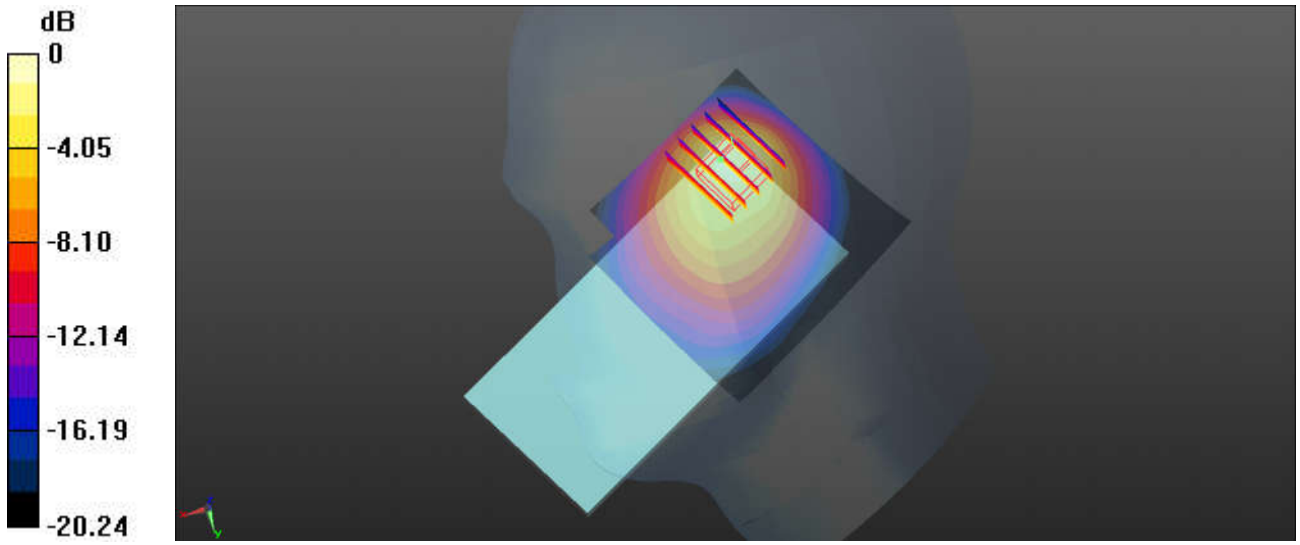
02_GSM850_GPRS(1 Tx slots)_Right Cheek_Ch189

Communication System: UID 0, Generic GSM (0); Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_220813 Medium parameters used: f = 836.4 MHz; σ = 0.912 S/m; ε_r = 43.003; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.1, 10.1, 10.1); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch189/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.812 W/kg

Ch189/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.21 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.599 W/kg; SAR(10 g) = 0.351 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg

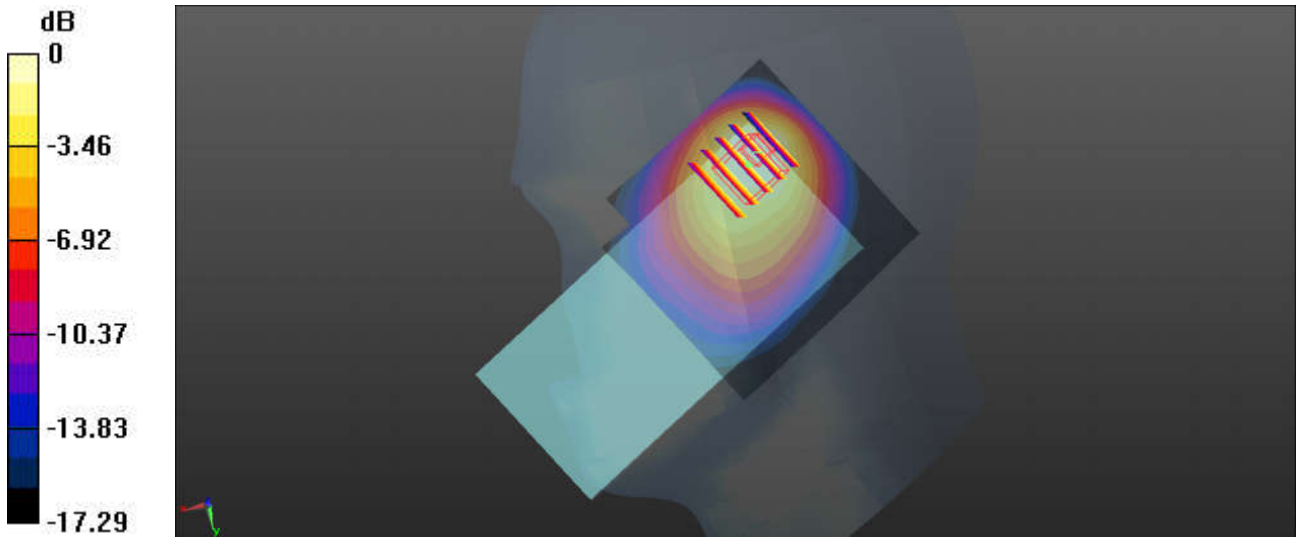
03_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4182

Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_220813 Medium parameters used: f = 836.4 MHz; σ = 0.912 S/m; ε_r = 43.003; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.1, 10.1, 10.1); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch4182/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.743 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.67 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.333 W/kg
Maximum value of SAR (measured) = 0.783 W/kg



0 dB = 0.783 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/13

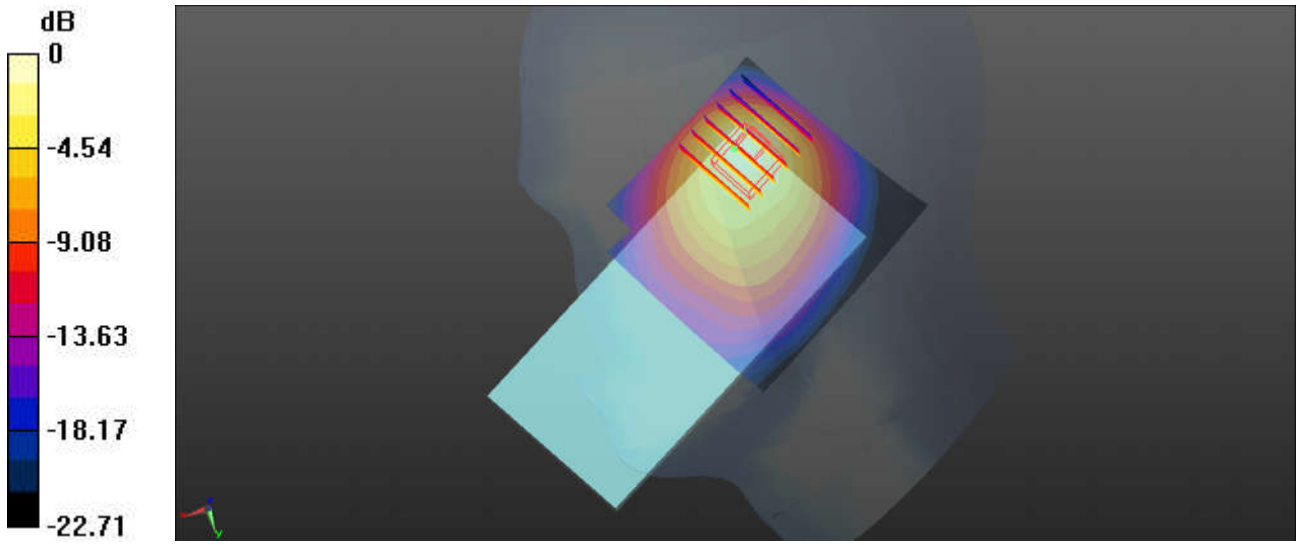
04_LTE Band 5_10M_QPSK_1RB_25Offset_Right Cheek_Ch20525

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_220813 Medium parameters used: f = 836.5 MHz; σ = 0.912 S/m; ε_r = 43.002; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.1, 10.1, 10.1); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch20525/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.855 W/kg

Ch20525/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.70 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.367 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg

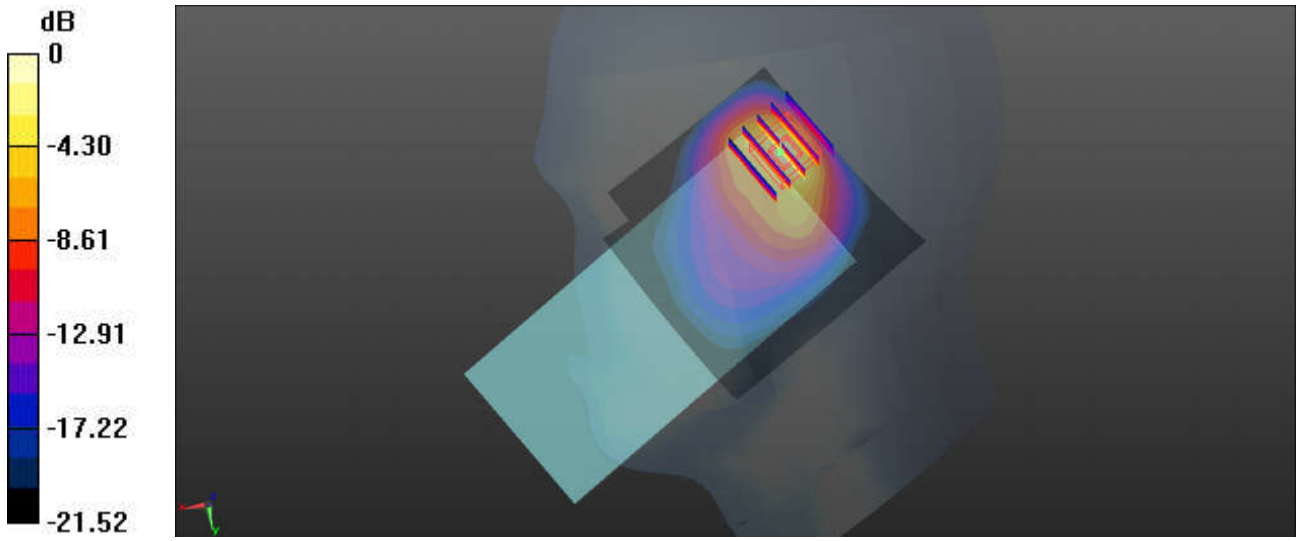
05_WCDMA IV_RMC 12.2Kbps_Right Tilted_Ch1413

Communication System: UID 0, UMTS (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_220815 Medium parameters used: f = 1733 MHz; σ = 1.375 S/m; ε_r = 40.66; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.8, 8.8, 8.8); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1413/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.962 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.04 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.258 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg

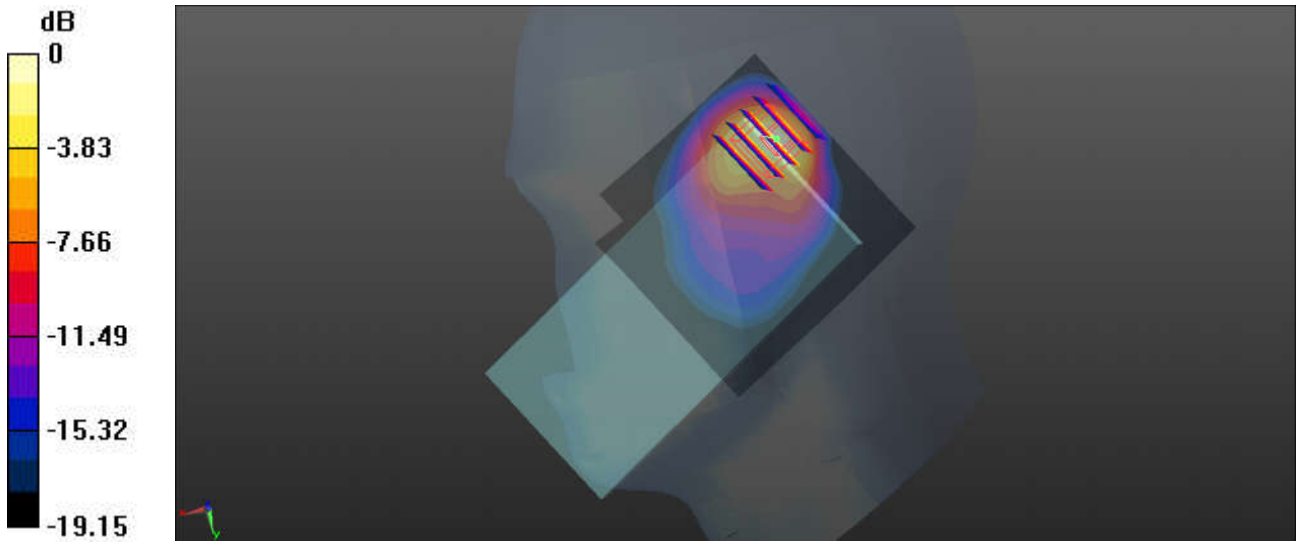
06_LTE Band 4_20M_QPSK_50RB_24Offset_Right Tilted_Ch20175

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_220815 Medium parameters used: f = 1733 MHz; σ = 1.375 S/m; ε_r = 40.66; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.8, 8.8, 8.8); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch20175/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.928 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.45 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.243 W/kg
Maximum value of SAR (measured) = 0.976 W/kg



0 dB = 0.976 W/kg

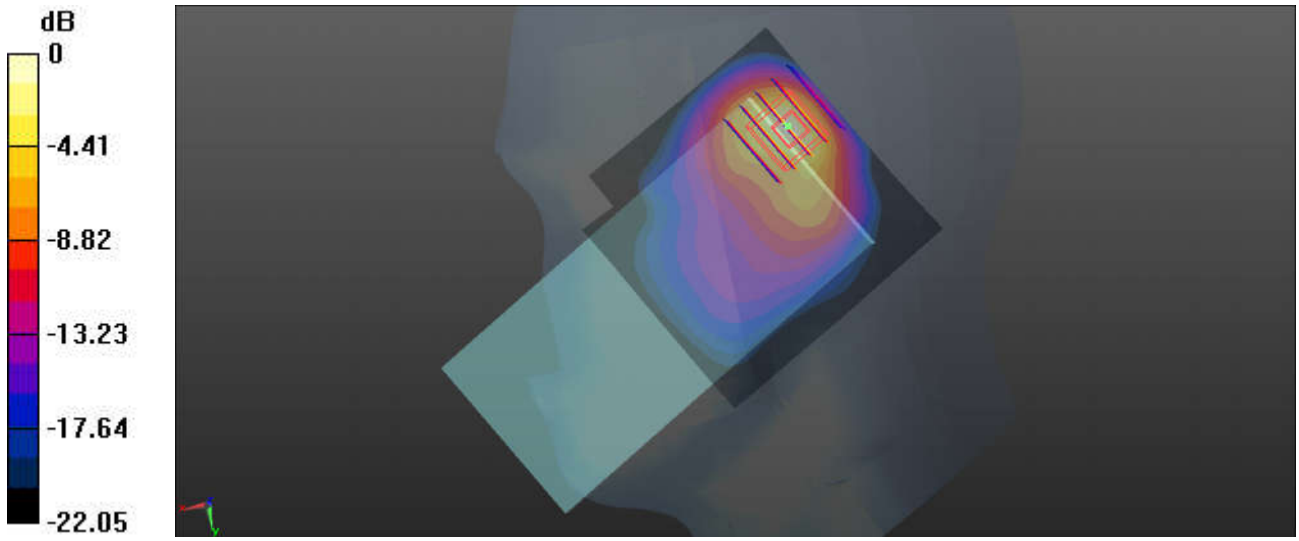
07_GSM1900_GPRS(4 Tx slots)_Right Tilted_Ch661

Communication System: UID 0,GPRS/EDGE12 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_220817 Medium parameters used: f = 1880 MHz; σ = 1.442 S/m; ε_r = 39.189; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.5, 8.5, 8.5); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch661/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500mm
Maximum value of SAR (interpolated) = 0.834 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,dz=5mm
Reference Value = 16.47 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.234 W/kg
Maximum value of SAR (measured) = 0.960 W/kg



0 dB = 0.960 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/17

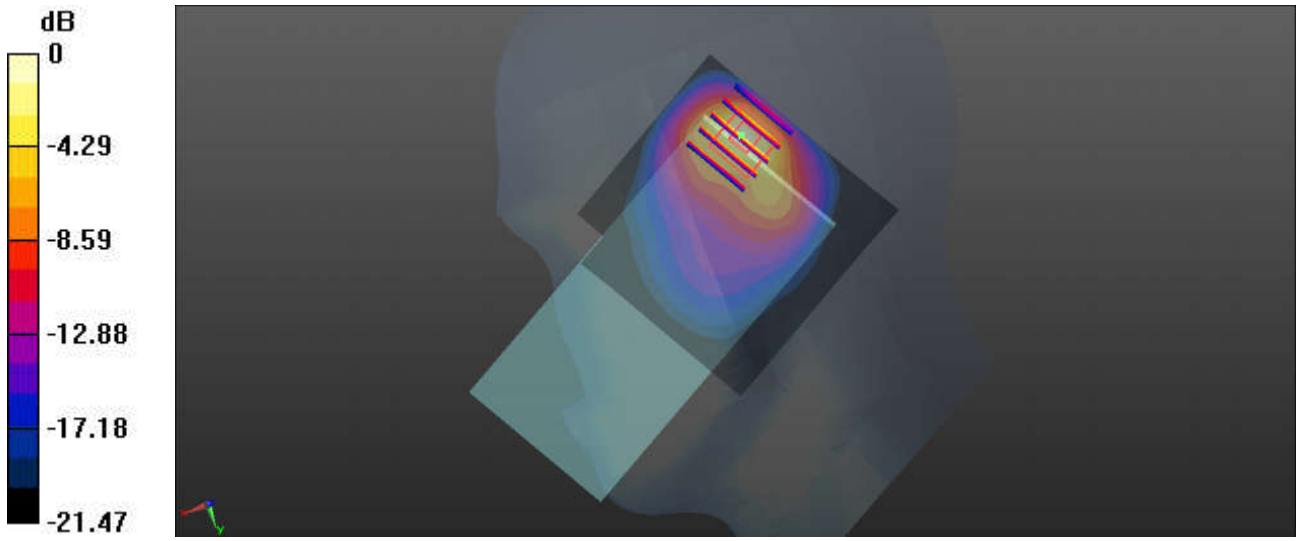
08_WCDMA II_RMC 12.2Kbps_Right Tilted_Ch9400

Communication System: UID 0, UMTS (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_220817 Medium parameters used: f = 1880 MHz; σ = 1.442 S/m; ε_r = 39.189; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.5, 8.5, 8.5); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch9400/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.922 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.11 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.245 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg

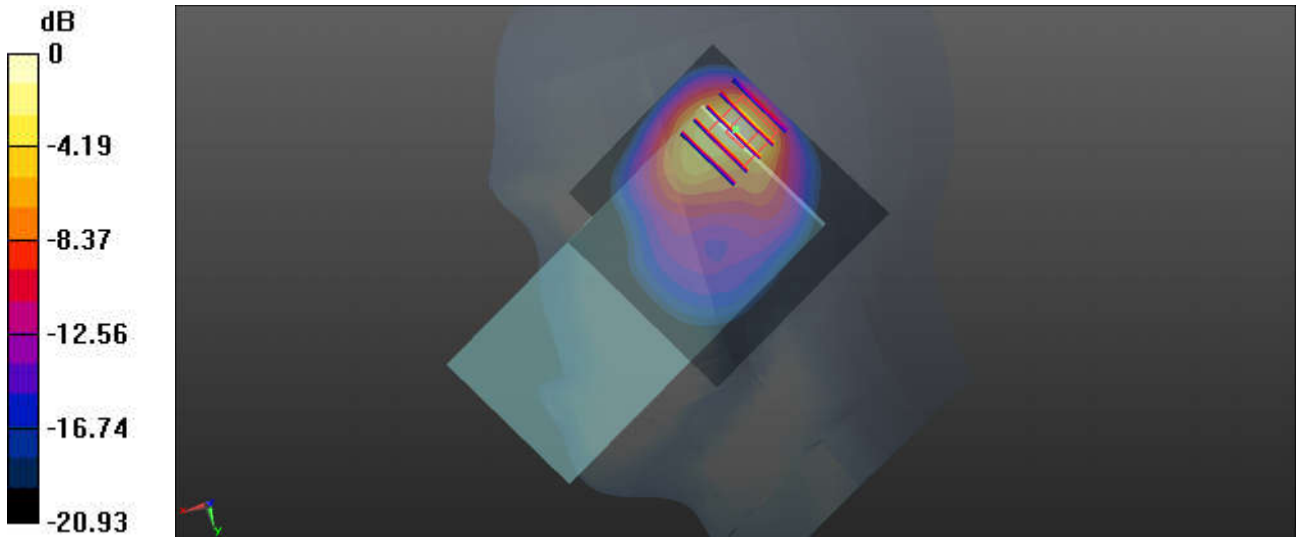
09_LTE Band 2_20M_QPSK_1RB_49Offset_Right Tilted_Ch18900

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_220817 Medium parameters used: f = 1880 MHz; σ = 1.442 S/m; ε_r = 39.189; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.5, 8.5, 8.5); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch18900/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.72 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.264 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/19

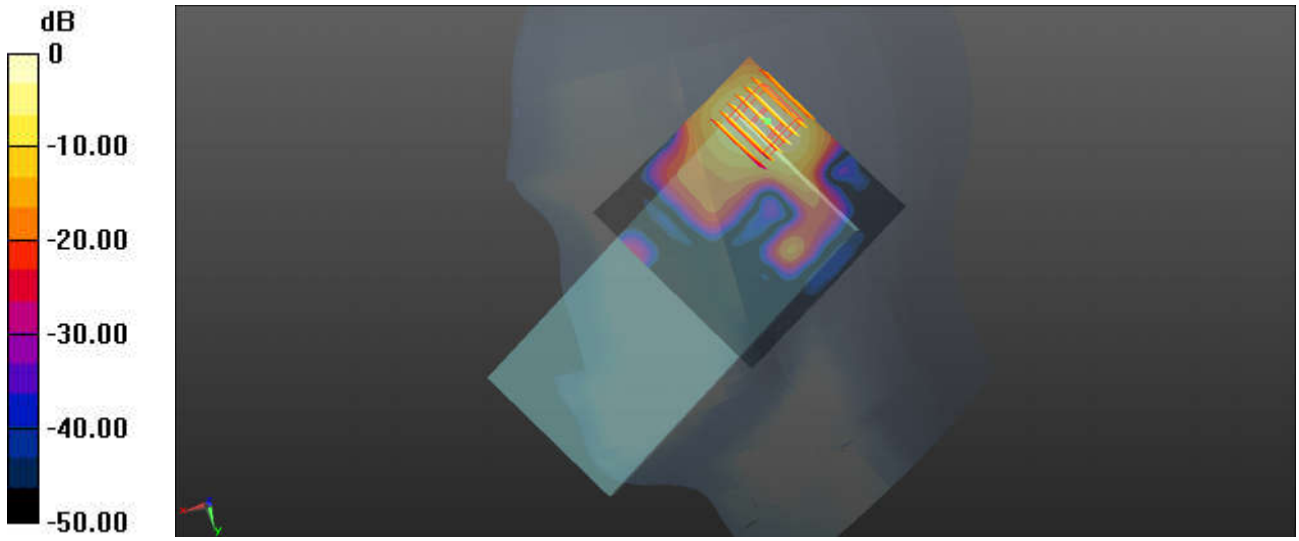
10_LTE Band 7_20M_QPSK_50RB_24Offset_Right Tilted_Ch21100

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_220819 Medium parameters used: f = 2535 MHz; σ = 1.868 S/m; ε_r = 38.155; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.56, 7.56, 7.56); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch21100/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.729 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.198 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 0.881 W/kg



0 dB = 0.881 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/19

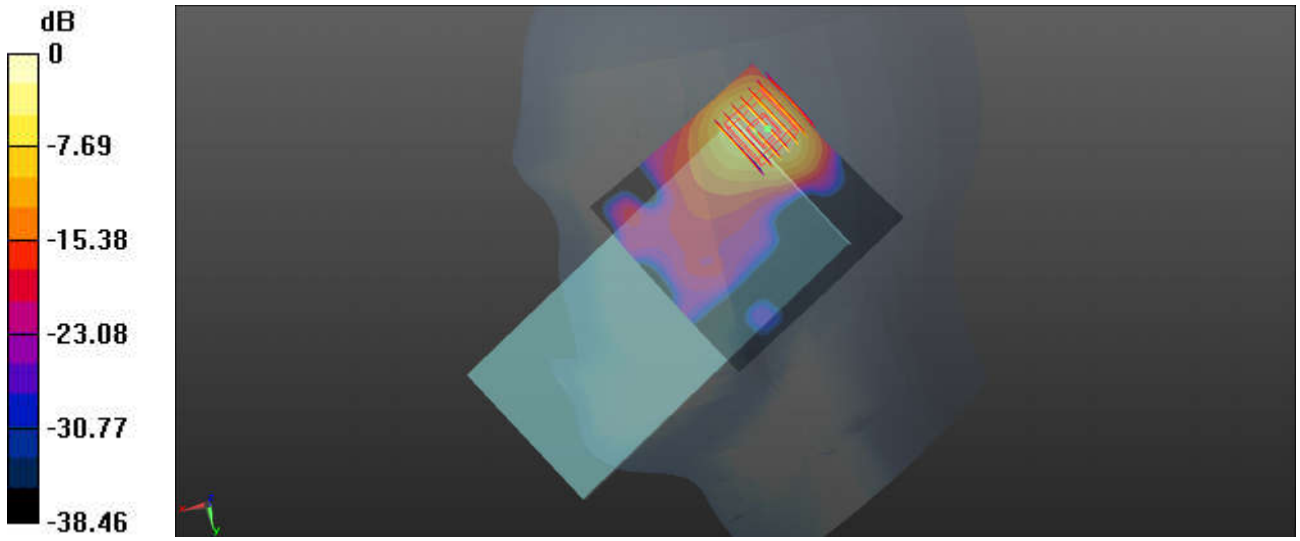
11_LTE Band 41_20M_QPSK_50RB_24Offset_Right Tilted_Ch40620

Communication System: UID 0, LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_220819 Medium parameters used: f = 2593 MHz; σ = 1.932 S/m; ε_r = 37.962; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.56, 7.56, 7.56); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch40620/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.674 W/kg

Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.224 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.176 W/kg
Maximum value of SAR (measured) = 0.803 W/kg



0 dB = 0.803 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/19

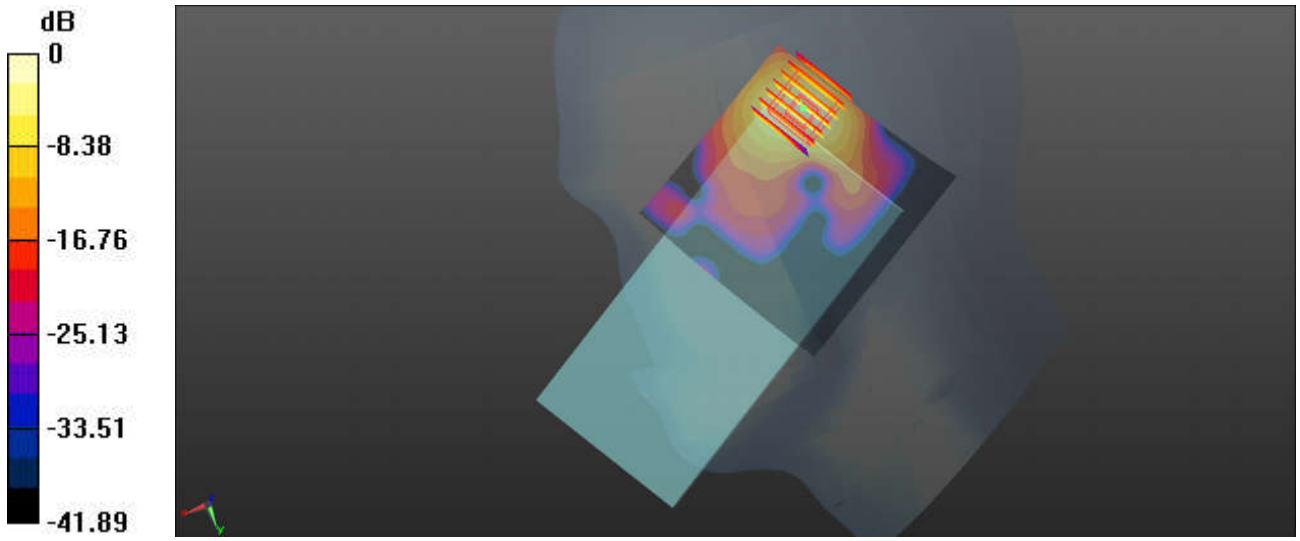
12_FR1 n7_20M_BPSK_50RB_28Offset_DFT-15_Right Tilted_Ch507000

Communication System: UID 0, 5G NR (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_220819 Medium parameters used: f = 2535 MHz; σ = 1.868 S/m; ε_r = 38.155; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.56, 7.56, 7.56); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch507000/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.811 W/kg

Ch507000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.011 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.559 W/kg; SAR(10 g) = 0.212 W/kg
Maximum value of SAR (measured) = 0.950 W/kg



0 dB = 0.950 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/19

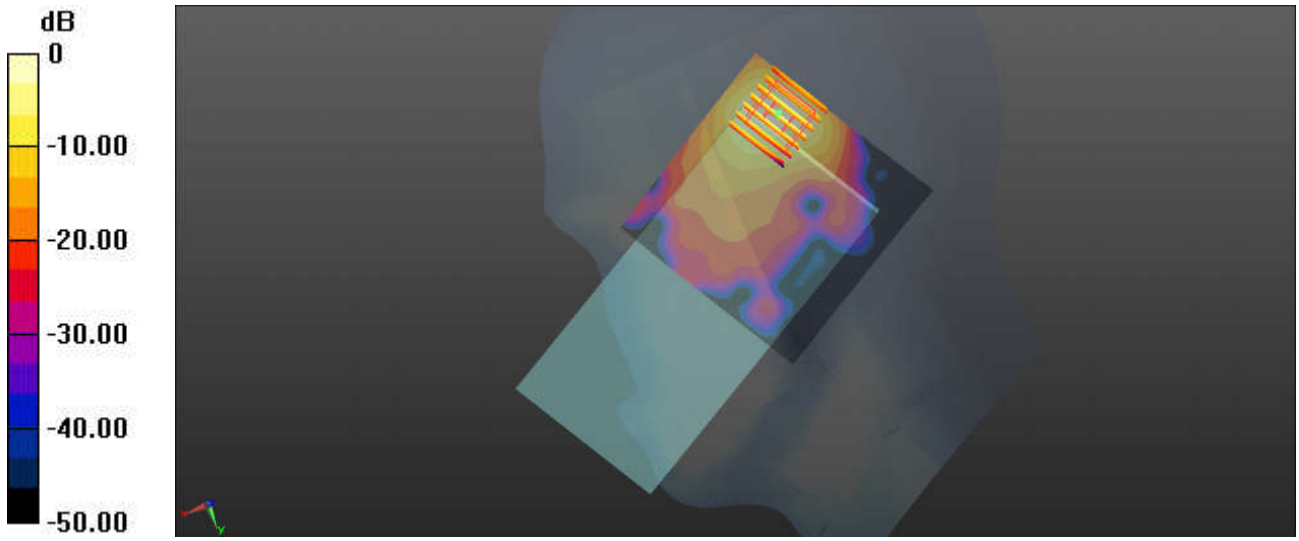
13_FR1 n41_100M_BPSK_135RB_69Offset_DFT-30_Right Tilted_Ch518598

Communication System: UID 0, 5G NR (0); Frequency: 2592.99 MHz;Duty Cycle: 1:1
Medium: HSL_2600_220819 Medium parameters used: f = 2593 MHz; σ = 1.932 S/m; ε_r = 37.962; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.56, 7.56, 7.56); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch518598/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.832 W/kg

Ch518598/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.228 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.205 W/kg
Maximum value of SAR (measured) = 0.994 W/kg



0 dB = 0.994 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/13

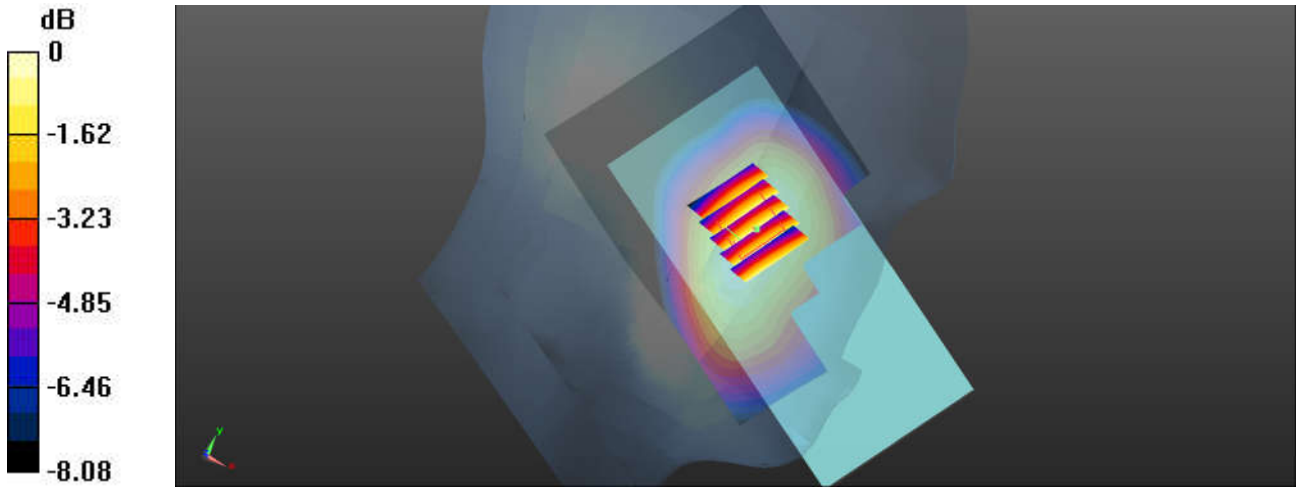
14_FR1 n5_20M_BPSK_50RB_28Offset_DFT-15_Left Cheek_Ch167300

Communication System: UID 0, 5G NR (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_220813 Medium parameters used: f = 836.5 MHz; σ = 0.912 S/m; ε_r = 43.002; ρ =1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.1, 10.1, 10.1); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch167300/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.117 W/kg

Ch167300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.759 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.118 W/kg



0 dB = 0.117 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/22

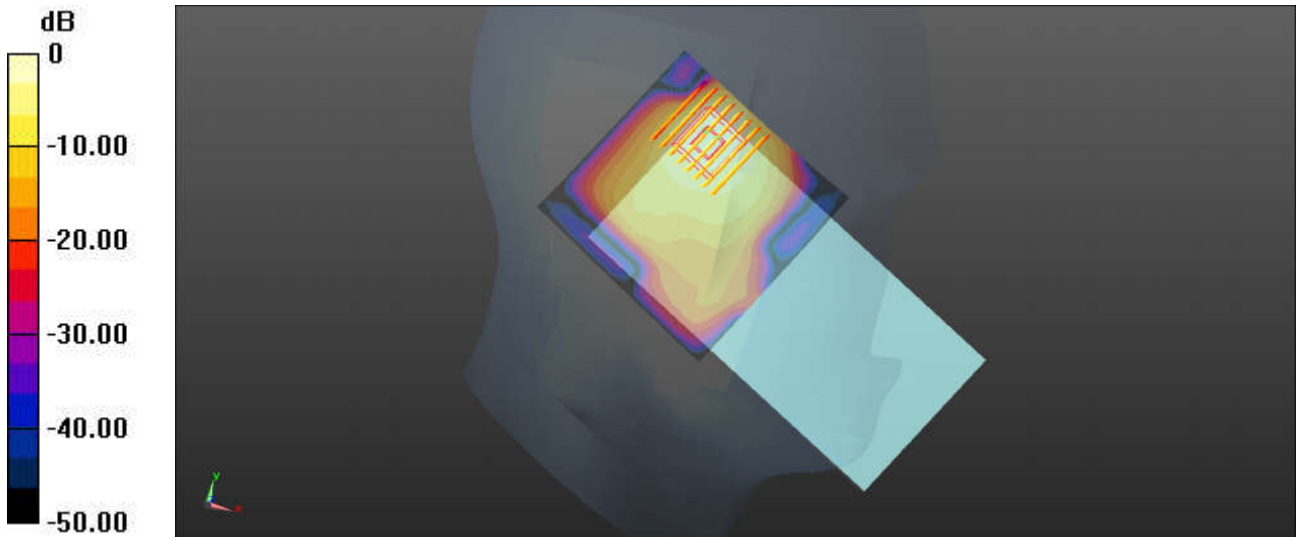
15_Bluetooth_DH5 1Mbps_Left Cheek_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.298
Medium: HSL_2450_220822 Medium parameters used: f = 2441 MHz; σ = 1.766 S/m; ε_r = 38.534; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.69, 7.69, 7.69); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.451 W/kg

Ch39/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.322 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.386 W/kg
SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.093 W/kg
Maximum value of SAR (measured) = 0.312 W/kg



0 dB = 0.312 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/22

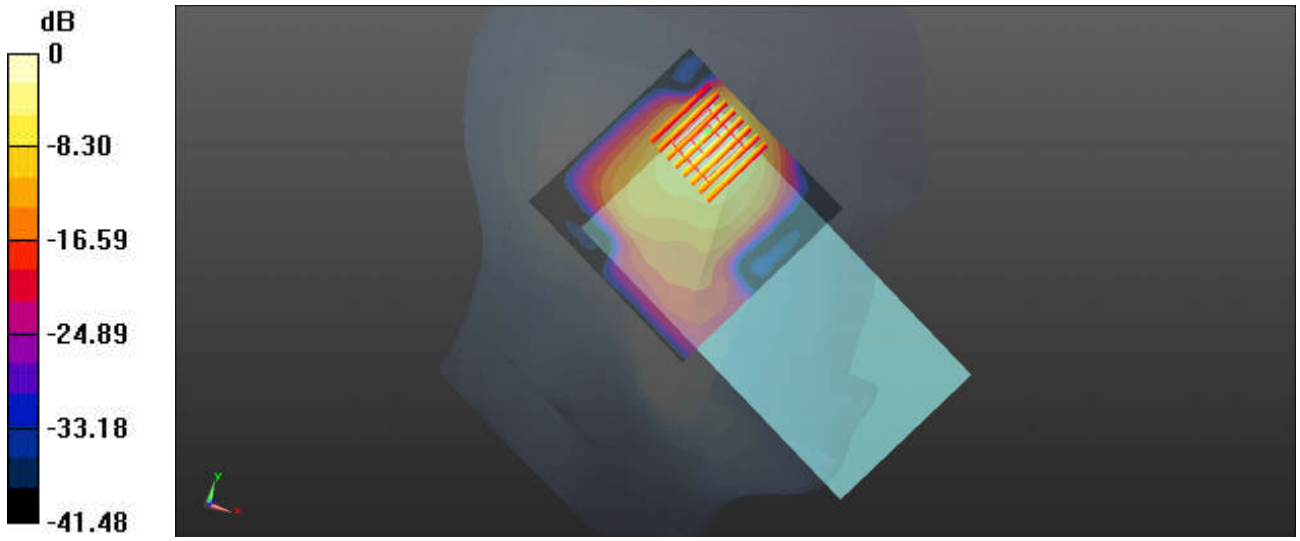
16_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch1

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz;Duty Cycle: 1:1.006
Medium: HSL_2450_220822 Medium parameters used: f = 2412 MHz; σ = 1.732 S/m; ε_r = 38.652; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.69, 7.69, 7.69); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.643 W/kg

Ch1/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.574 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.729 W/kg
SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.152 W/kg
Maximum value of SAR (measured) = 0.573 W/kg



0 dB = 0.573 W/kg

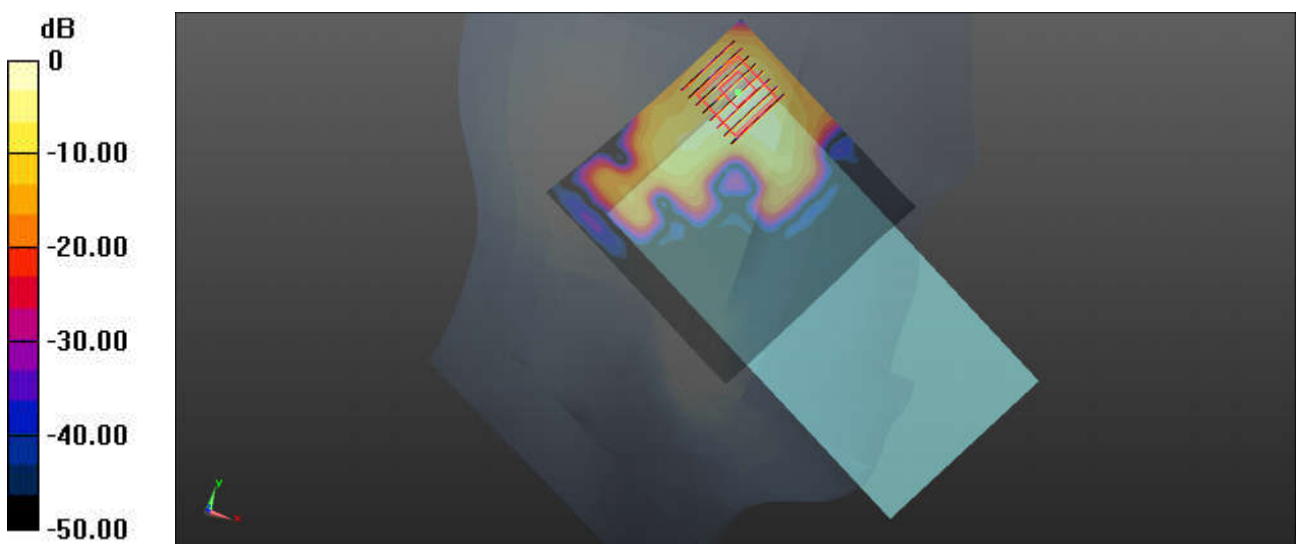
17_WLAN5GHz_802.11ac-VHT80 MCS0_Left Cheek_Ch58

Communication System: UID 0, WIFI (0); Frequency: 5290 MHz;Duty Cycle: 1:1.125
Medium: HSL_5250_220812 Medium parameters used: f = 5290 MHz; σ = 4.8 S/m; ε_r = 36.818; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(5.02, 5.02, 5.02); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch58/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Ch58/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.116 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.123 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/18

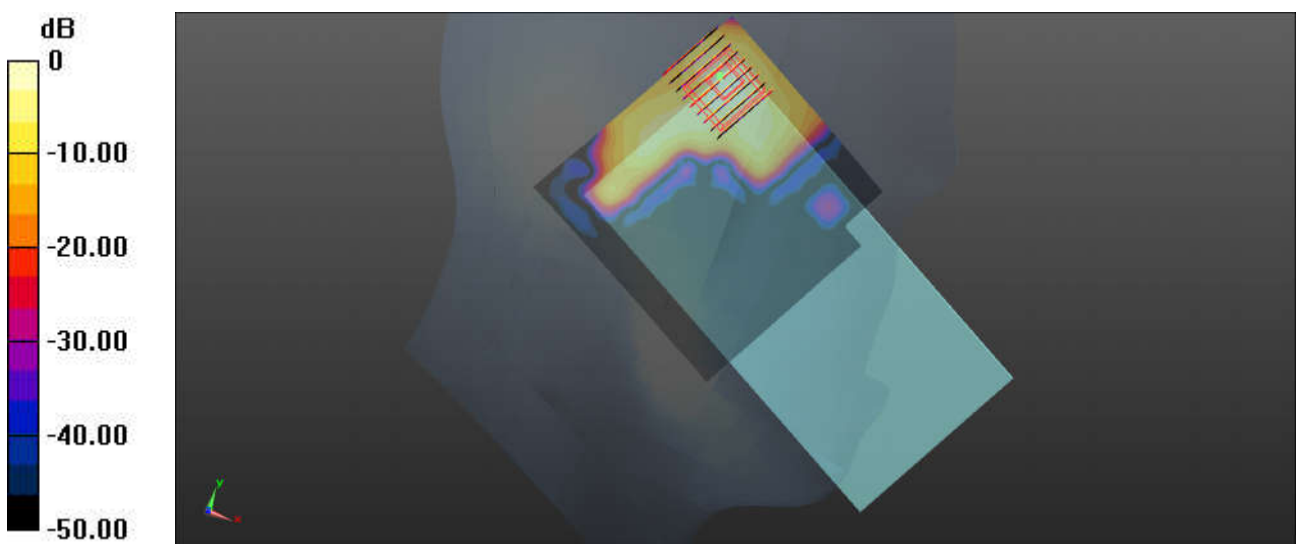
18_WLAN5GHz_802.11ac-VHT80 MCS0_Left Cheek_Ch122

Communication System: UID 0, WIFI (0); Frequency: 5610 MHz;Duty Cycle: 1:1.125
Medium: HSL_5600_220818 Medium parameters used: f = 5610 MHz; σ = 5.2 S/m; ε_r = 36.131; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(4.75, 4.75, 4.75); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch122/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.947 W/kg

Ch122/Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.227 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.111 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg

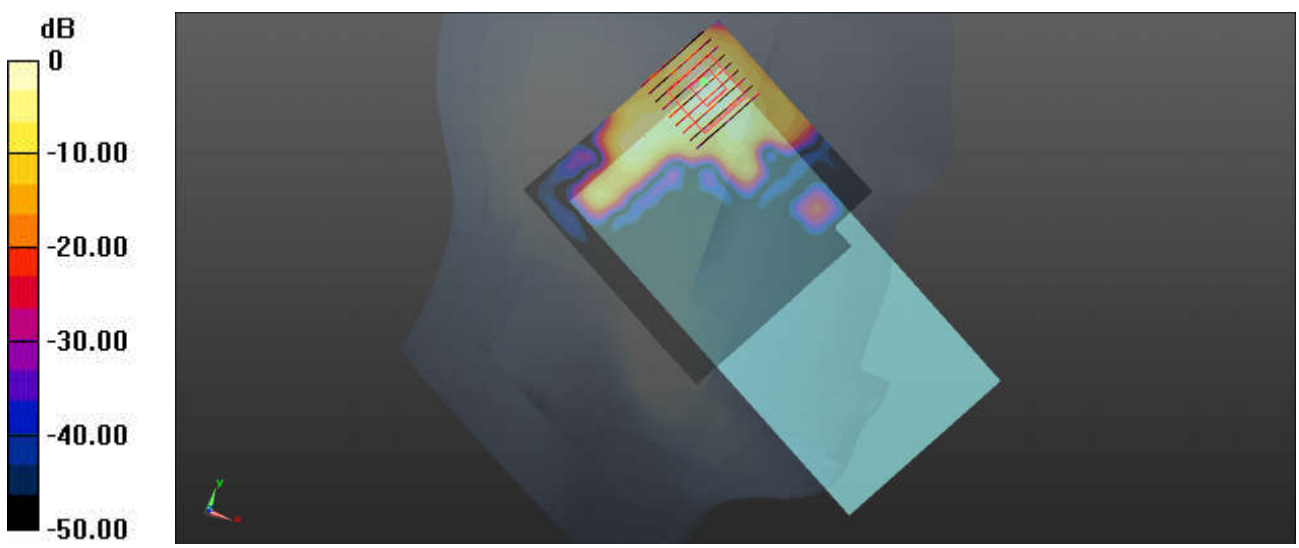
19_WLAN5GHz_802.11ac-VHT80 MCS0_Left Cheek_Ch155

Communication System: UID 0, WIFI (0); Frequency: 5775 MHz;Duty Cycle: 1:1.125
Medium: HSL_5750_220818 Medium parameters used: f = 5775 MHz; σ = 5.386 S/m; ε_r = 35.783; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(4.7, 4.7, 4.7); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch155/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.966 W/kg

Ch155/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.239 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.104 W/kg
Maximum value of SAR (measured) = 0.989 W/kg



0 dB = 0.989 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/18

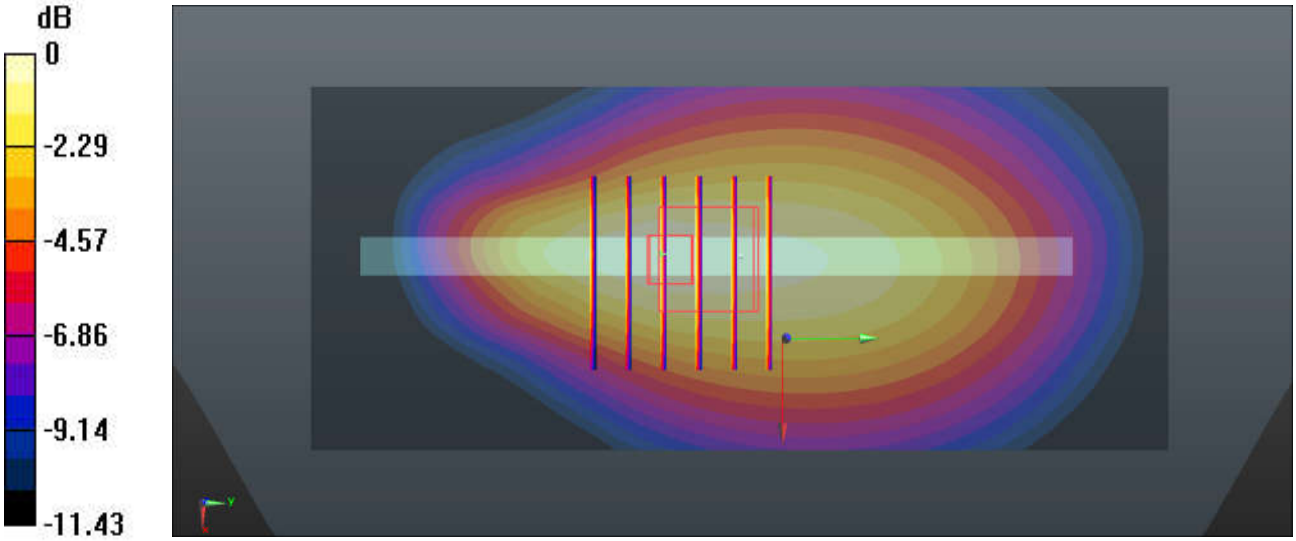
20_LTE Band 12_10M_QPSK_1RB_25Offset_Left Side_10mm_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_220818 Medium parameters used: f = 707.5 MHz; σ = 0.86 S/m; ε_r=41.73; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.37, 10.37, 10.37); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch23095/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.433 W/kg

Ch23095/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.31 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.586 W/kg
SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.256 W/kg
Maximum value of SAR (measured) = 0.447 W/kg



0 dB = 0.447 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/12

21_GSM850_GPRS(4 Tx slots)_Back_10mm_Ch189

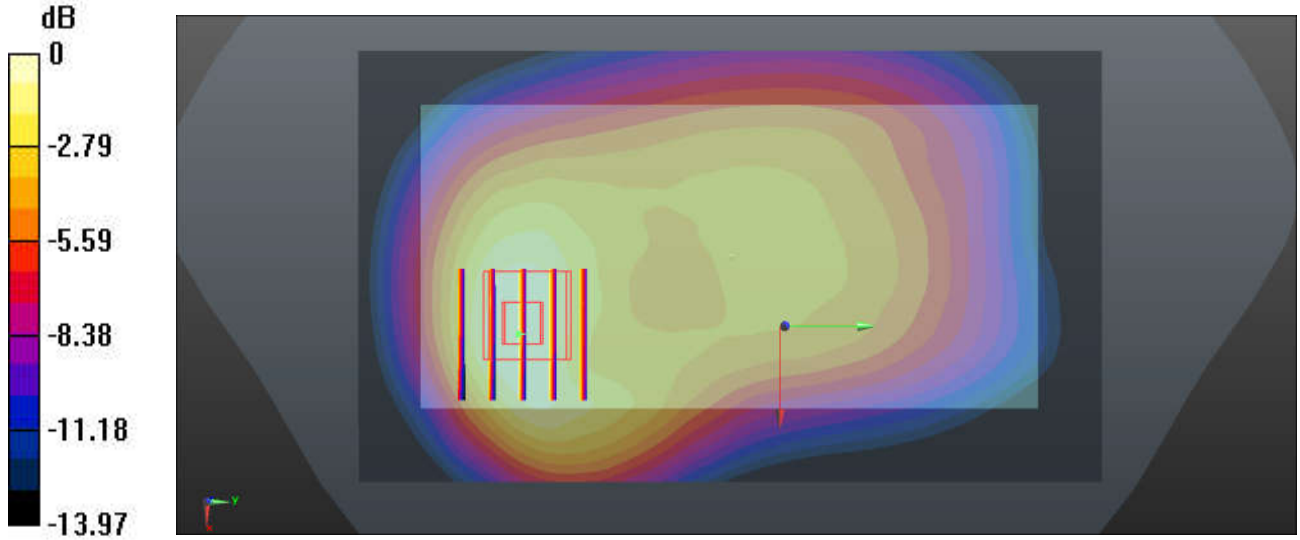
Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: HSL_835_220812 Medium parameters used: f = 836.4 MHz; σ = 0.917 S/m;ε_r = 41.975; ρ = 1000 kg/m^3

Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.1, 10.1, 10.1); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch189/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.506 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.71 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.696 W/kg
SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.272 W/kg
Maximum value of SAR (measured) = 0.508 W/kg



0 dB = 0.508 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/12

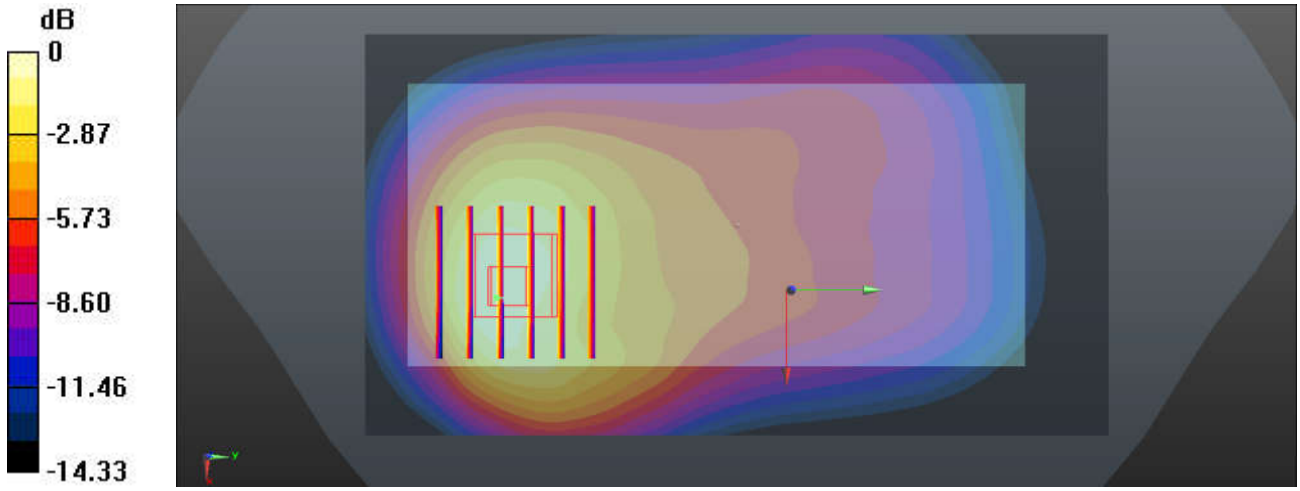
22_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4182

Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_220812 Medium parameters used: f = 836.4 MHz; σ = 0.917 S/m;ε_r = 41.975; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.1, 10.1, 10.1); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch4182/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.439 W/kg

Ch4182/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,dz=5mm
Reference Value = 15.38 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.600 W/kg
SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.236 W/kg
Maximum value of SAR (measured) = 0.435 W/kg



0 dB = 0.435 W/kg

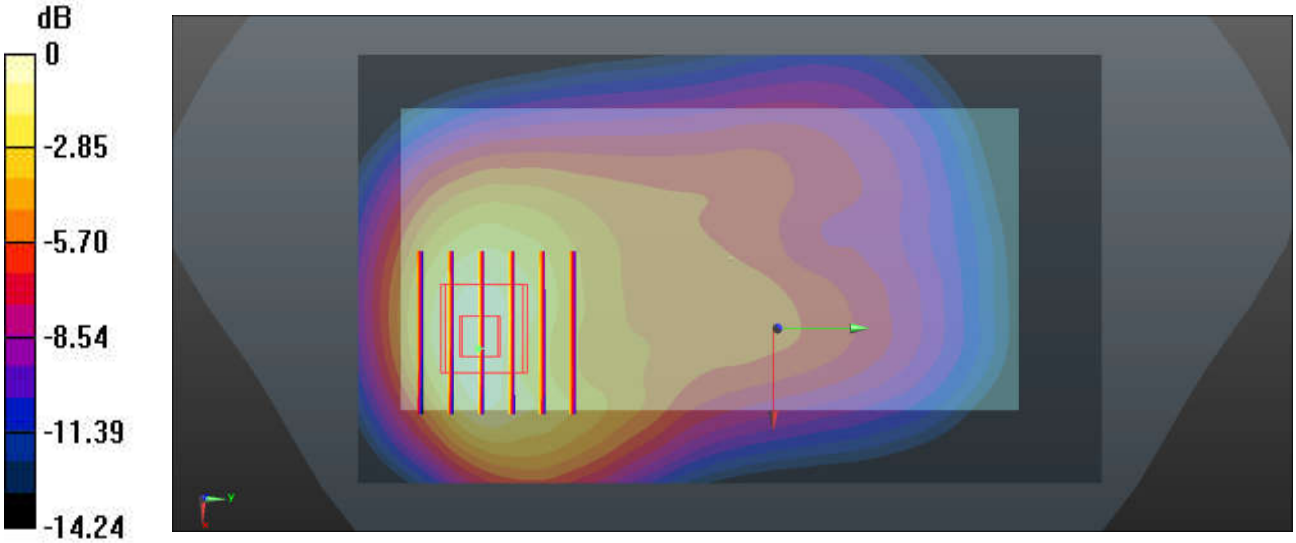
23_LTE Band 5_10M_QPSK_1RB_25Offset_Back_10mm_Ch20525

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_220812 Medium parameters used: f = 836.5 MHz; σ = 0.917 S/m;εr=41.975; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.1, 10.1, 10.1); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch20525/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.489 W/kg

Ch20525/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.70 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.676 W/kg
SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.265 W/kg
Maximum value of SAR (measured) = 0.498 W/kg



0 dB = 0.498 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/13

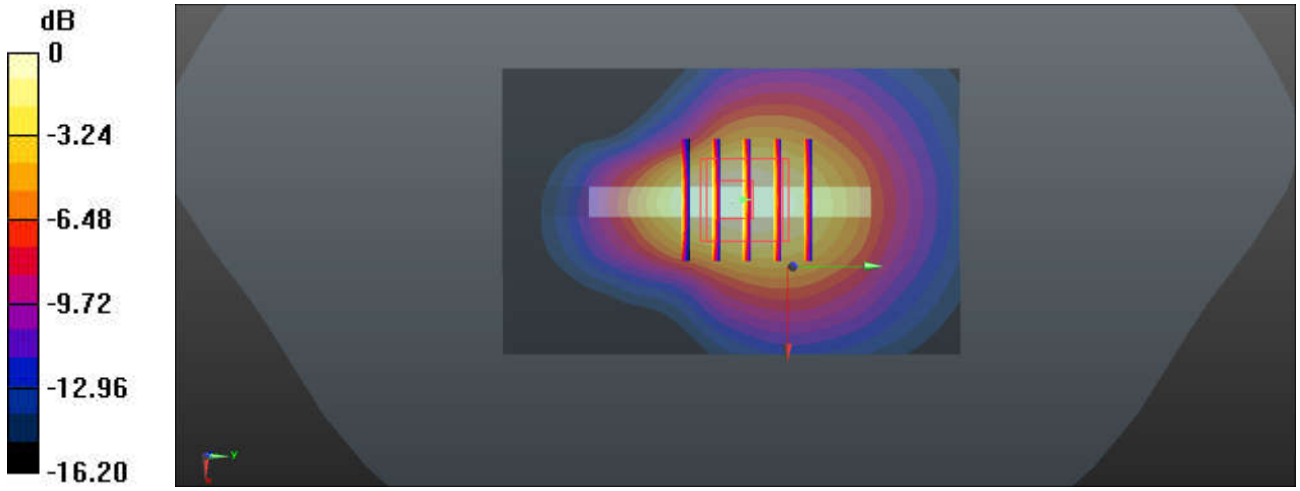
24_WCDMA IV_RMC 12.2Kbps_Bottom Side_10mm_Ch1413

Communication System: UID 0, UMTS (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_220813 Medium parameters used: f = 1733 MHz; σ = 1.359 S/m; ε_r = 41.63; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.8, 8.8, 8.8); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1413/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.499 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.45 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.624 W/kg
SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.223 W/kg
Maximum value of SAR (measured) = 0.455 W/kg



0 dB = 0.455 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/13

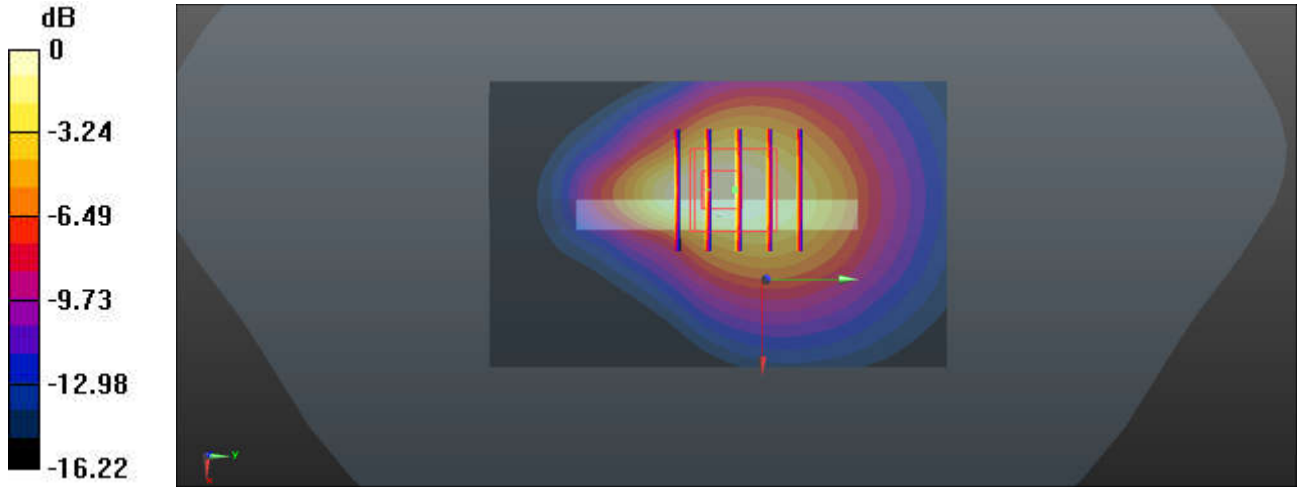
25_LTE Band 4_20M_QPSK_50RB_24Offset_Bottom Side_10mm_Ch20175

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_220813 Medium parameters used: f = 1732.5 MHz; σ = 1.358 S/m; ε_r =41.634; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.8, 8.8, 8.8); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch20175/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.517 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.164 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.669 W/kg
SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.239 W/kg
Maximum value of SAR (measured) = 0.496 W/kg



0 dB = 0.496 W/kg

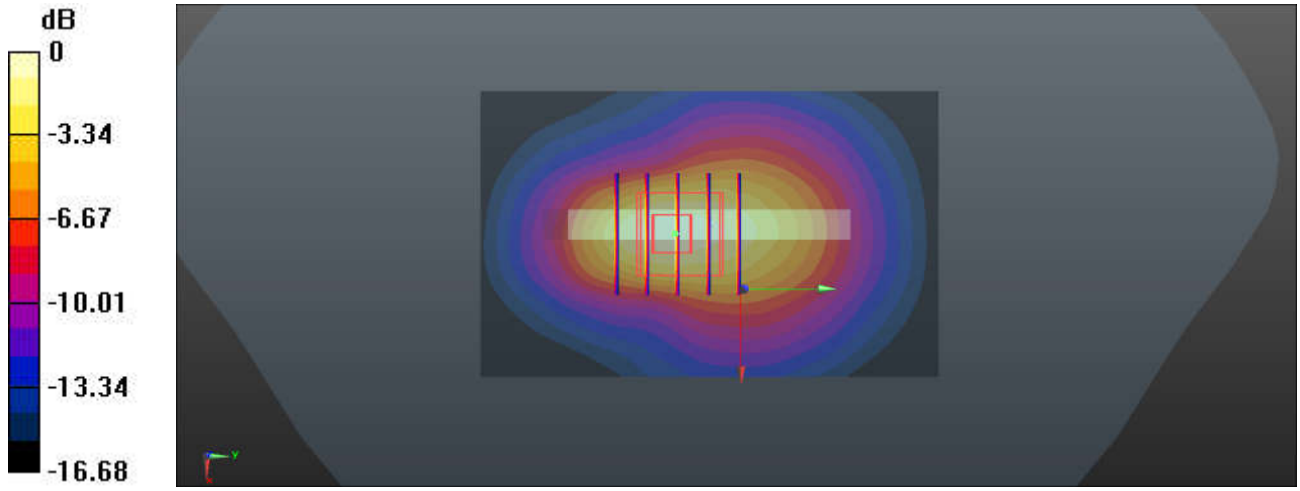
26_GSM1900_GPRS(1Tx slots)_Top Side_10mm_Ch661

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_220811 Medium parameters used: f = 1880 MHz; σ = 1.531 S/m; ε_r = 40.864; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.5, 8.5, 8.5); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch661/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.603 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.80 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.873 W/kg
SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.254 W/kg
Maximum value of SAR (measured) = 0.619 W/kg



0 dB = 0.619 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/11

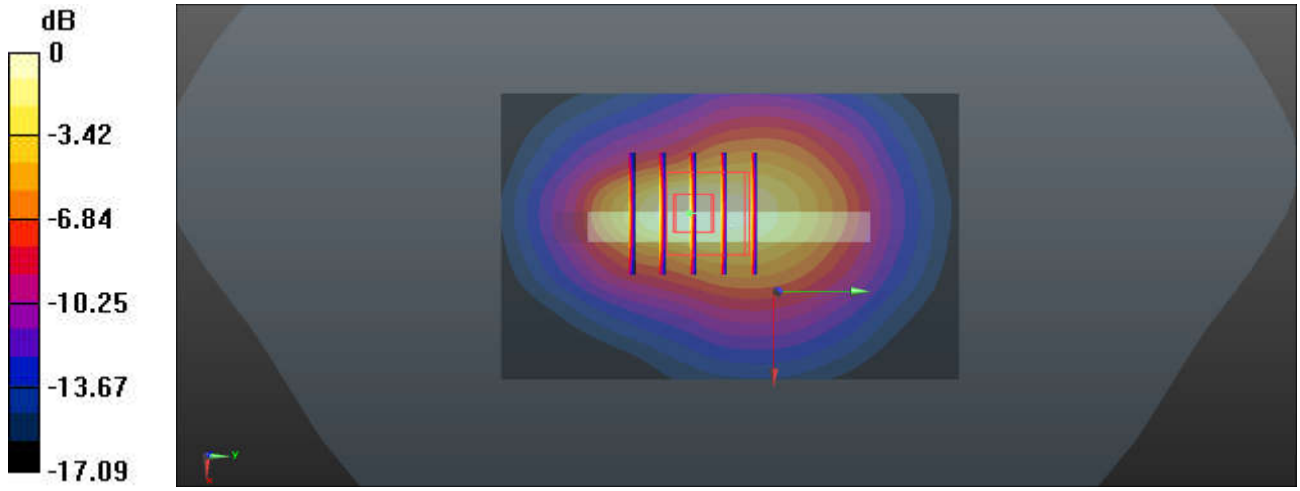
27_WCDMA II_RMC 12.2Kbps_Top Side_10mm_Ch9400

Communication System: UID 0, UMTS (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_220811 Medium parameters used: f = 1880 MHz; σ = 1.531 S/m; ε_r = 40.864; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.5, 8.5, 8.5); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch9400/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.578 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.30 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.771 W/kg
SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.227 W/kg
Maximum value of SAR (measured) = 0.555 W/kg



0 dB = 0.555 W/kg

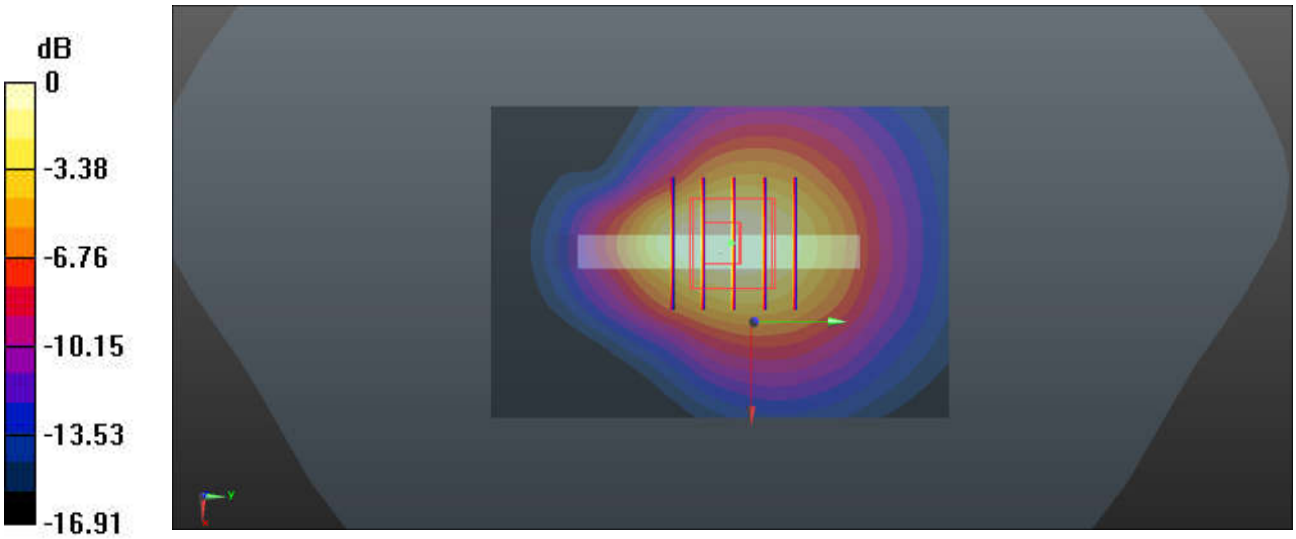
28_LTE Band 2_20M_QPSK_50RB_24Offset_Bottom Side_10mm_Ch18900

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_220811 Medium parameters used: f = 1880 MHz; σ = 1.531 S/m; ε_r = 40.864; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.5, 8.5, 8.5); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch18900/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.582 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.376 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.767 W/kg
SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.260 W/kg
Maximum value of SAR (measured) = 0.551 W/kg



0 dB = 0.551 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/17

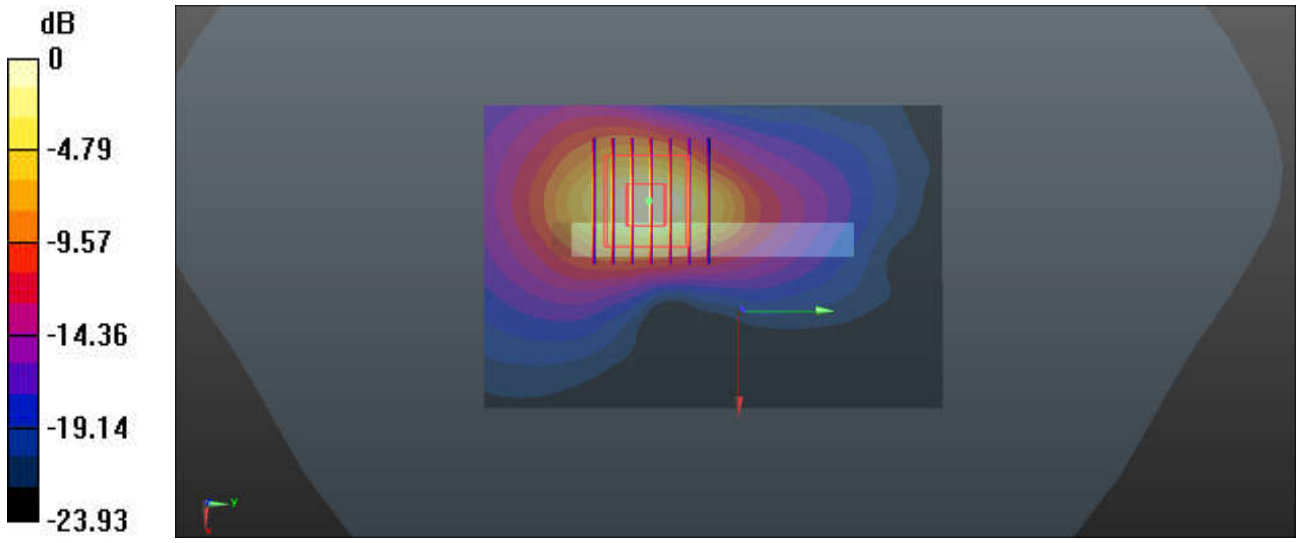
29_LTE Band 7_20M_QPSK_1RB_49Offset_Top Side_10mm_Ch21100

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_220817 Medium parameters used: f = 2535 MHz; σ = 1.978 S/m; ε_r = 38.613; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.56, 7.56, 7.56); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch21100/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.717 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.856 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.208 W/kg
Maximum value of SAR (measured) = 0.688 W/kg



0 dB = 0.688 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/17

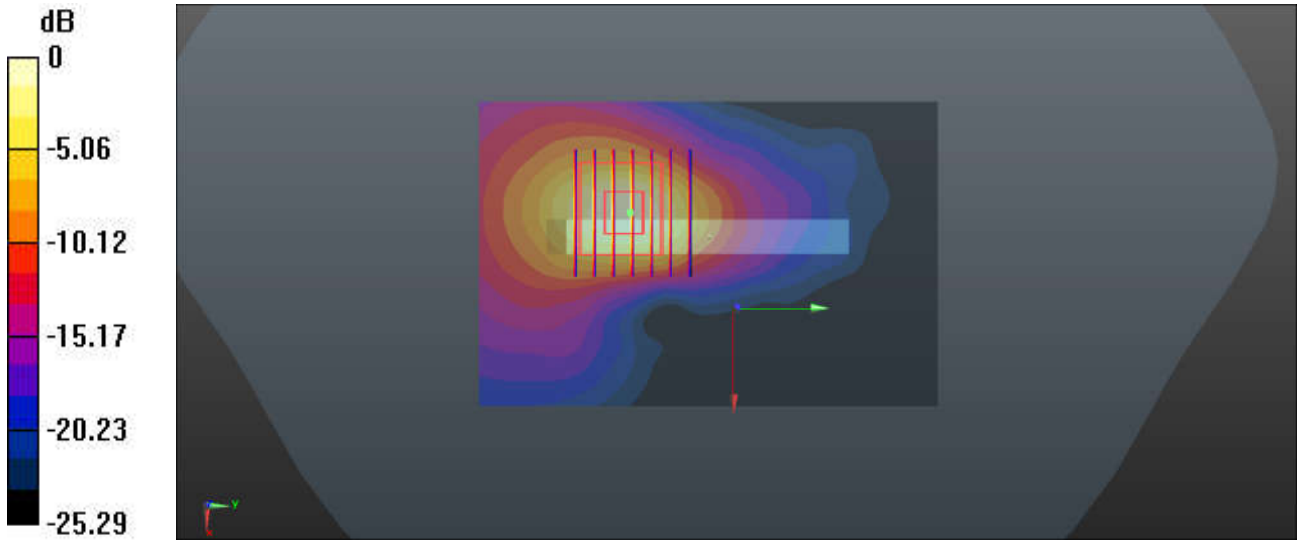
30_LTE Band 41_20M_QPSK_1RB_49Offset_Top Side_10mm_Ch40620

Communication System: UID 0, LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_220817 Medium parameters used: f = 2593 MHz; σ = 2.043 S/m; ε_r = 38.377; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.56, 7.56, 7.56); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch40620/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.629 W/kg

Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.740 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.196 W/kg
Maximum value of SAR (measured) = 0.628 W/kg



0 dB = 0.628 W/kg

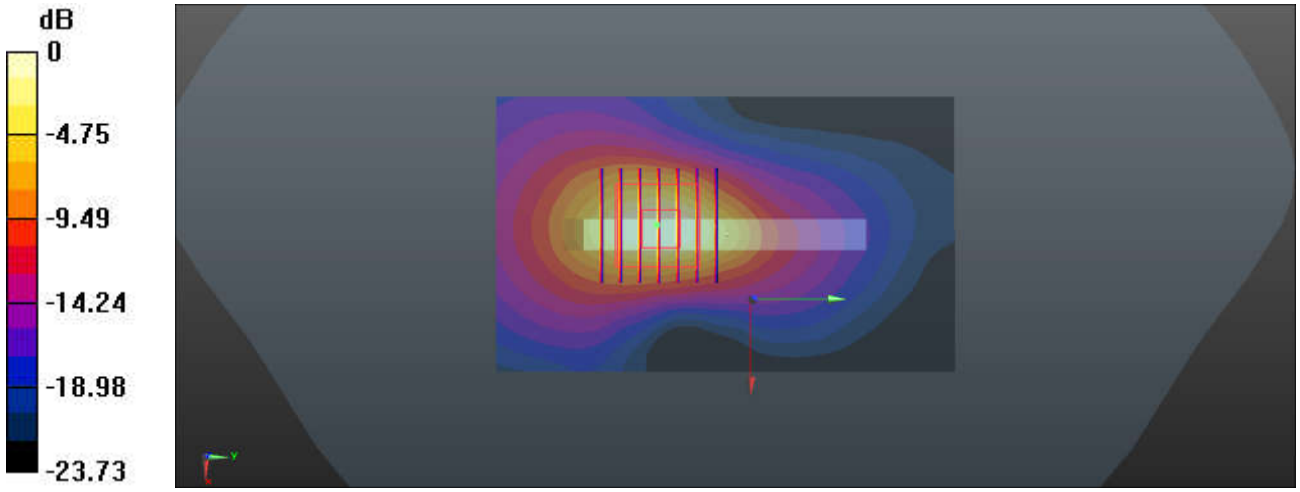
31_FR1 n7_20M_BPSK_50RB_28Offset_DFT-15_Top Side_10mm_Ch507000

Communication System: UID 0, 5G NR (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_220817 Medium parameters used: f = 2535 MHz; σ = 1.978 S/m; ε_r = 38.613; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.56, 7.56, 7.56); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch507000/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.674 W/kg

Ch507000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.28 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.991 W/kg
SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.192 W/kg
Maximum value of SAR (measured) = 0.606 W/kg



0 dB = 0.606 W/kg

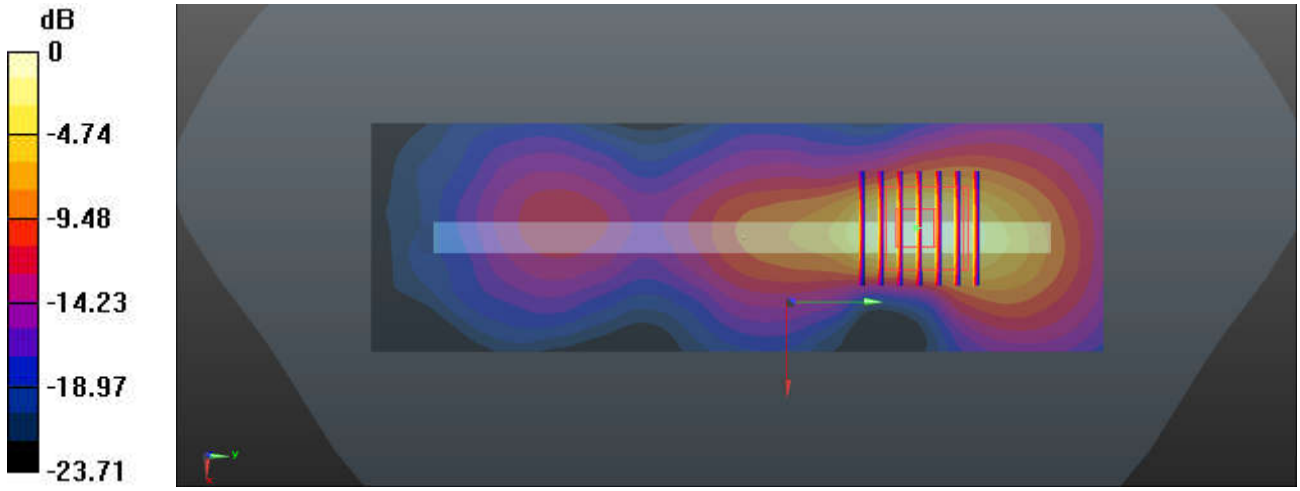
32_FR1 n41_100M_BPSK_135RB_69Offset_DFT-30_Left Side_10mm_Ch518598

Communication System: UID 0, 5G NR (0); Frequency: 2592.99 MHz;Duty Cycle: 1:1
Medium: HSL_2600_220817 Medium parameters used: f = 2593 MHz; σ = 2.043 S/m; ε_r = 38.377; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.56, 7.56, 7.56); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch518598/Area Scan (51x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.720 W/kg

Ch518598/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.536 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.528 W/kg; SAR(10 g) = 0.227 W/kg
Maximum value of SAR (measured) = 0.718 W/kg



0 dB = 0.718 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/12

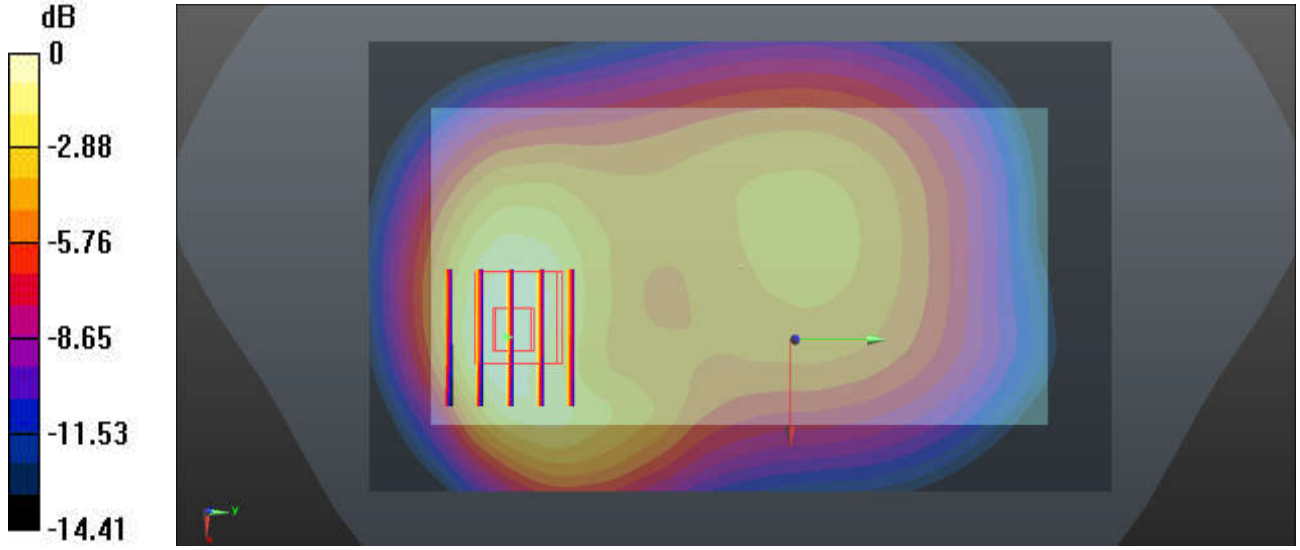
33_FR1 n5_20M_BPSK_50RB_28Offset_DFT-15_Back_10mm_Ch167300

Communication System: UID 0, 5G NR (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_220812 Medium parameters used: f = 836.5 MHz; σ = 0.917 S/m;ε_r = 41.976; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.1, 10.1, 10.1); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch167300/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.282 W/kg

Ch167300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,dy=8mm, dz=5mm
Reference Value = 11.72 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.393 W/kg
SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.149 W/kg
Maximum value of SAR (measured) = 0.285 W/kg



0 dB = 0.285 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/22

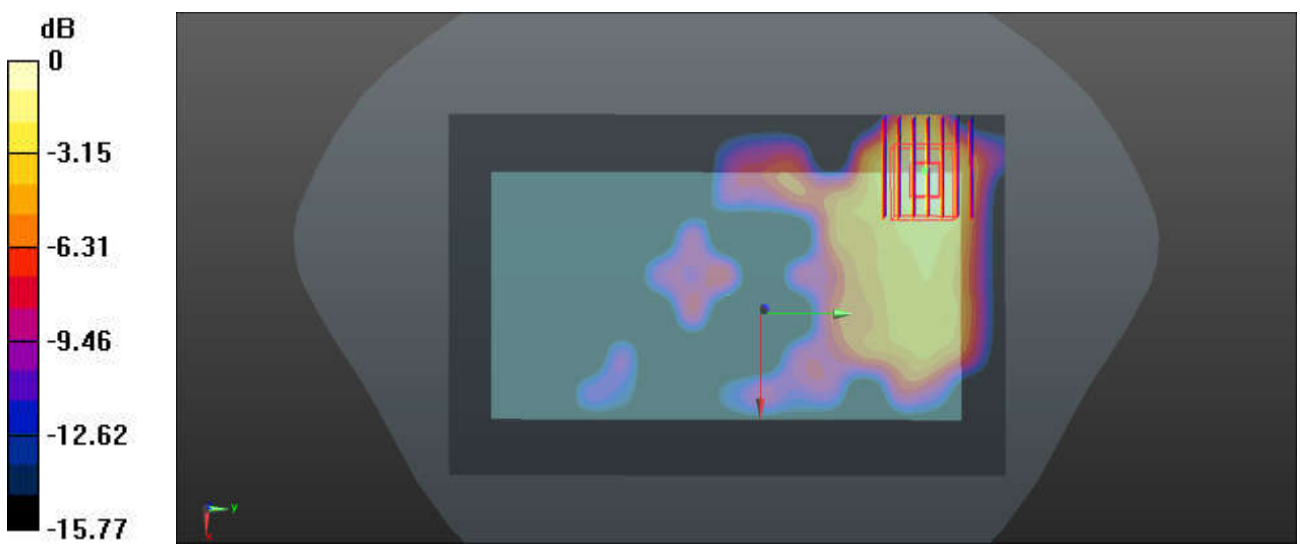
34_Bluetooth_DH5 1Mbps_Back_10mm_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.298
Medium: HSL_2450_220822 Medium parameters used: f = 2441 MHz; σ = 1.811 S/m; ε_r = 37.998; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.69, 7.69, 7.69); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0714 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.7550 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.120 W/kg
SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.0694 W/kg



0 dB = 0.0694 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/22

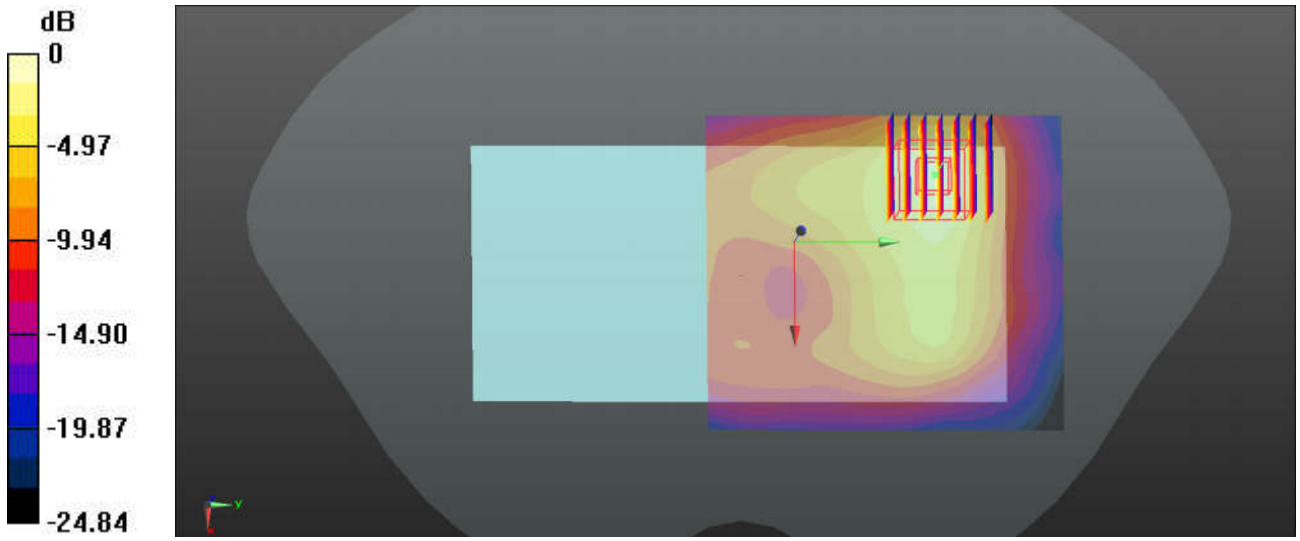
35_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch1

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz;Duty Cycle: 1:1.006
Medium: HSL_2450_220822 Medium parameters used: f = 2412 MHz; σ = 1.735 S/m; ε_r = 38.45; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.69, 7.69, 7.69); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1/Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.403 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.861 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.506 W/kg
SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.404 W/kg



0 dB = 0.404 W/kg

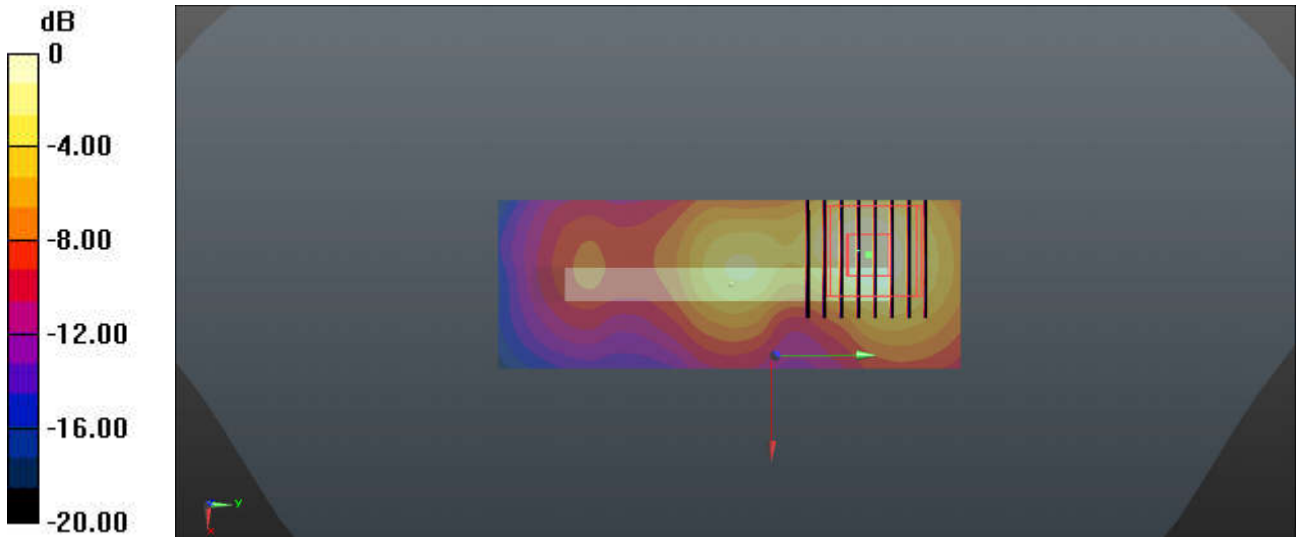
36_WLAN5GHz_802.11n-HT40 MCS0_Top Side_10mm_Ch46

Communication System: UID 0, WIFI (0); Frequency: 5230 MHz;Duty Cycle: 1:1.078
Medium: HSL_5250_220812 Medium parameters used: f = 5230 MHz; σ = 4.723 S/m; ε_r = 36.939; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(5.02, 5.02, 5.02); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch46/Area Scan (41x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.663 W/kg

Ch46/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.890 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.110 W/kg
Maximum value of SAR (measured) = 0.659 W/kg



0 dB = 0.659 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/18

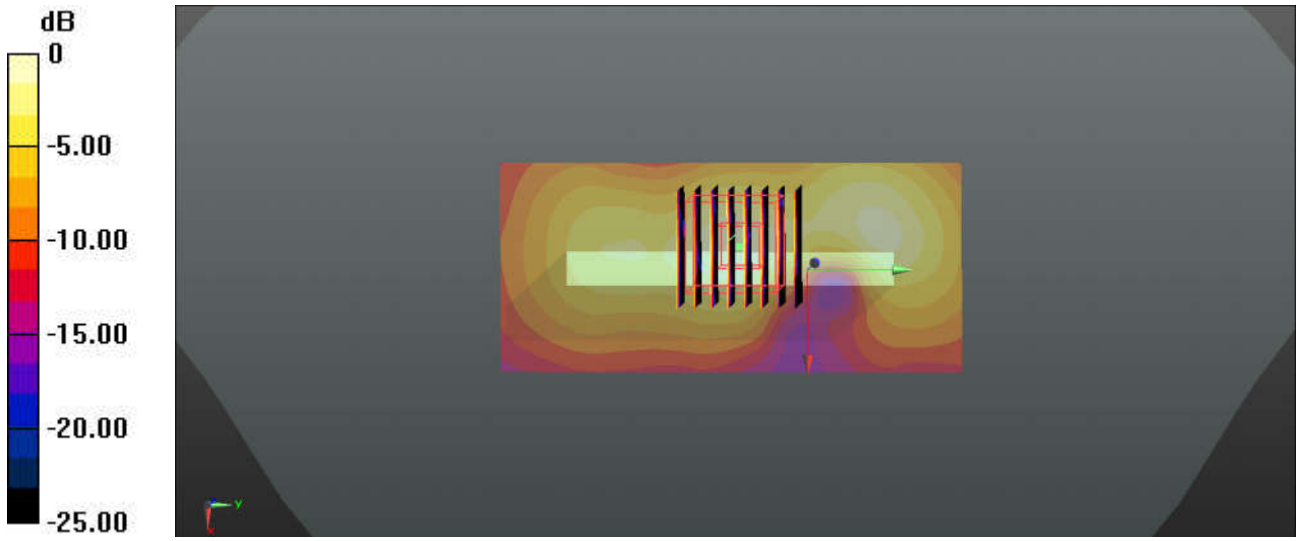
37_WLAN5GHz_802.11ac-VHT80 MCS0_Top Side_10mm_Ch155

Communication System: UID 0, WIFI (0); Frequency: 5775 MHz;Duty Cycle: 1:1.125
Medium: HSL_5750_220818 Medium parameters used: f = 5775 MHz; σ = 5.386 S/m; ε_r = 35.783; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(4.7, 4.7, 4.7); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch155/Area Scan (51x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.678 W/kg

Ch155/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.86 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.093 W/kg
Maximum value of SAR (measured) = 0.599 W/kg



0 dB = 0.599 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/18

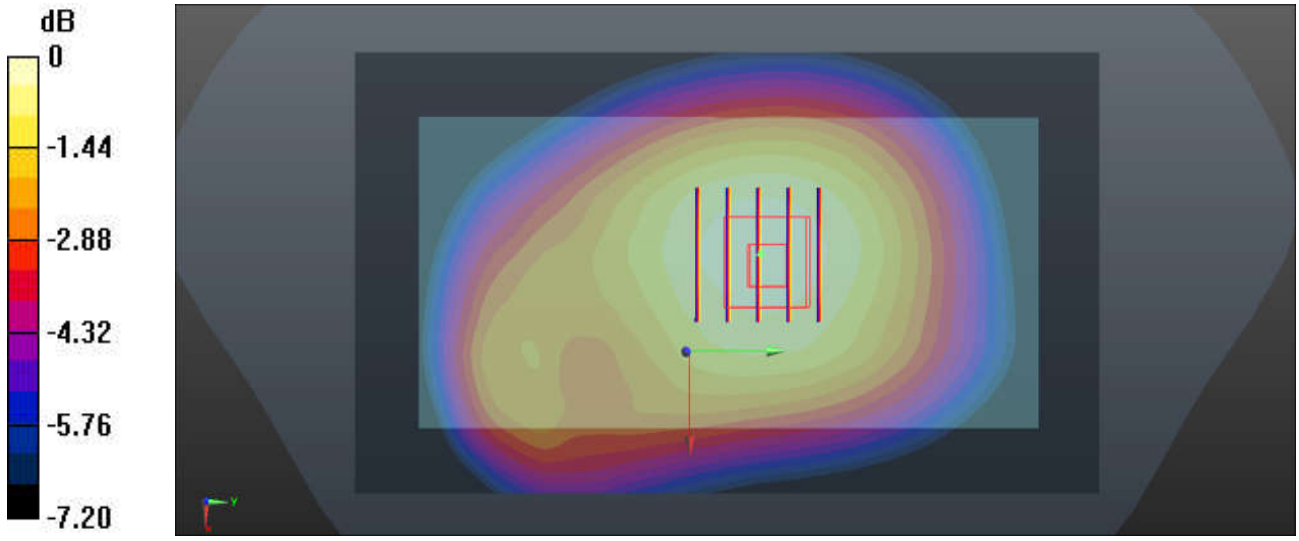
38_LTE Band 12_10M_QPSK_1RB_25Offset_Back_15mm_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_220818 Medium parameters used: f = 707.5 MHz; σ = 0.86 S/m; ε_r = 41.73; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.37, 10.37, 10.37); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch23095/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.239 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.45 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.284 W/kg
SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.177 W/kg
Maximum value of SAR (measured) = 0.247 W/kg



0 dB = 0.247 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/12

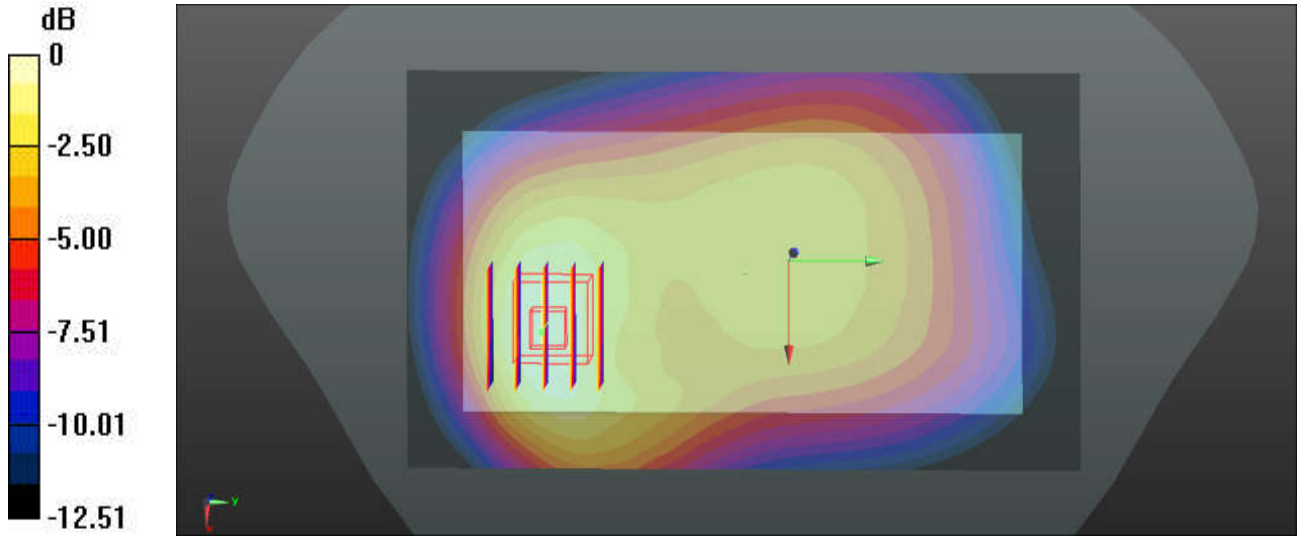
39_GSM850_GPRS(2 Tx slots)_Back_15mm_Ch189

Communication System: UID 0, GPRS/EDGE10 (0); Frequency: 836.4 MHz;Duty Cycle: 1:4.15
Medium: HSL_835_220812 Medium parameters used: f = 836.4 MHz; σ = 0.917 S/m; ε_r = 41.975; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.1, 10.1, 10.1); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch189/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.355 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.308 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.469 W/kg
SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.200 W/kg
Maximum value of SAR (measured) = 0.357 W/kg



0 dB = 0.357 W/kg

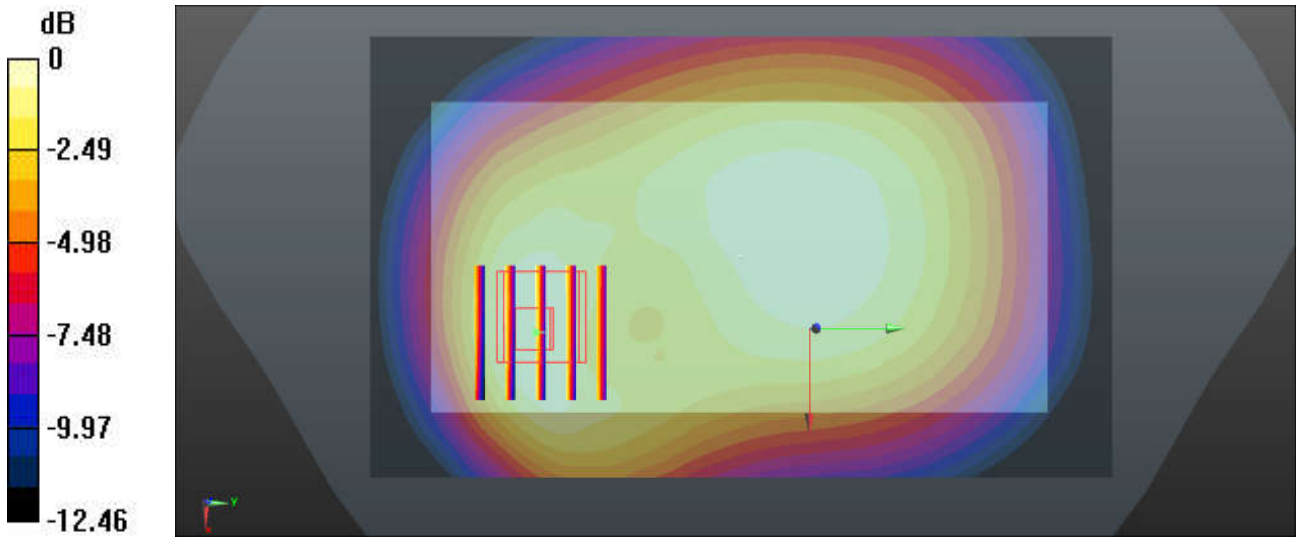
40_WCDMA V_RMC 12.2Kbps_Back_15mm_Ch4182

Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_220812 Medium parameters used: f = 836.4 MHz; σ = 0.917 S/m;ε_r = 41.975; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.1, 10.1, 10.1); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch4182/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.223 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.332 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.298 W/kg
SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.126 W/kg
Maximum value of SAR (measured) = 0.224 W/kg



0 dB = 0.224 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/12

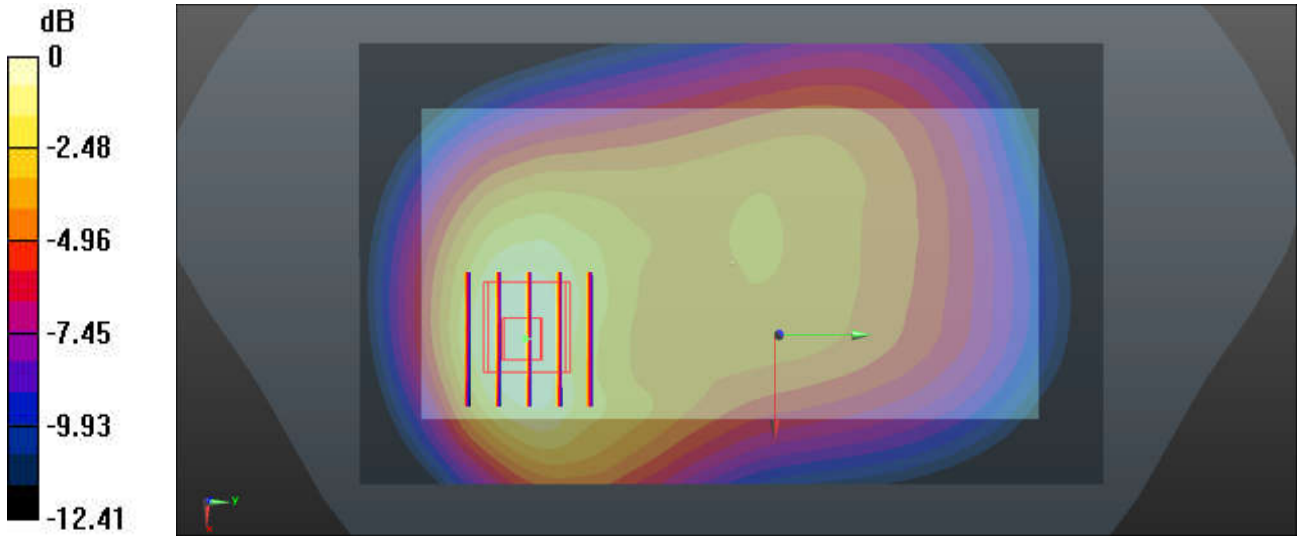
41_LTE Band 5_10M_QPSK_1RB_25Offset_Back_15mm_Ch20525

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_220812 Medium parameters used: f = 836.5 MHz; σ = 0.917 S/m; ε_r= 41.975; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.1, 10.1, 10.1); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch20525/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500mm
Maximum value of SAR (interpolated) = 0.265 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,dy=8mm,dz=5mm
Reference Value = 11.94 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.352 W/kg
SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.148 W/kg
Maximum value of SAR (measured) = 0.267 W/kg



0 dB = 0.267 W/kg

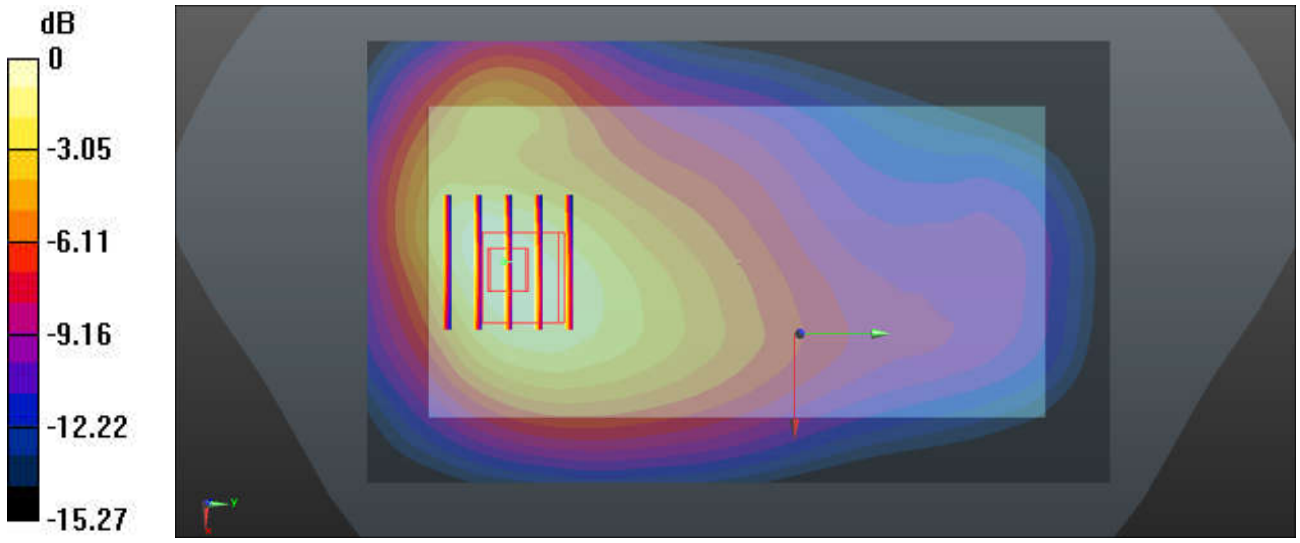
42_WCDMA IV_RMC 12.2Kbps_Back_15mm_Ch1413

Communication System: UID 0, UMTS (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_220813 Medium parameters used: f = 1733 MHz; σ = 1.359 S/m; ε_r = 41.63; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.8, 8.8, 8.8); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1413/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.329 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.745 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.428 W/kg
SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.178 W/kg
Maximum value of SAR (measured) = 0.330 W/kg



0 dB = 0.330 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/13

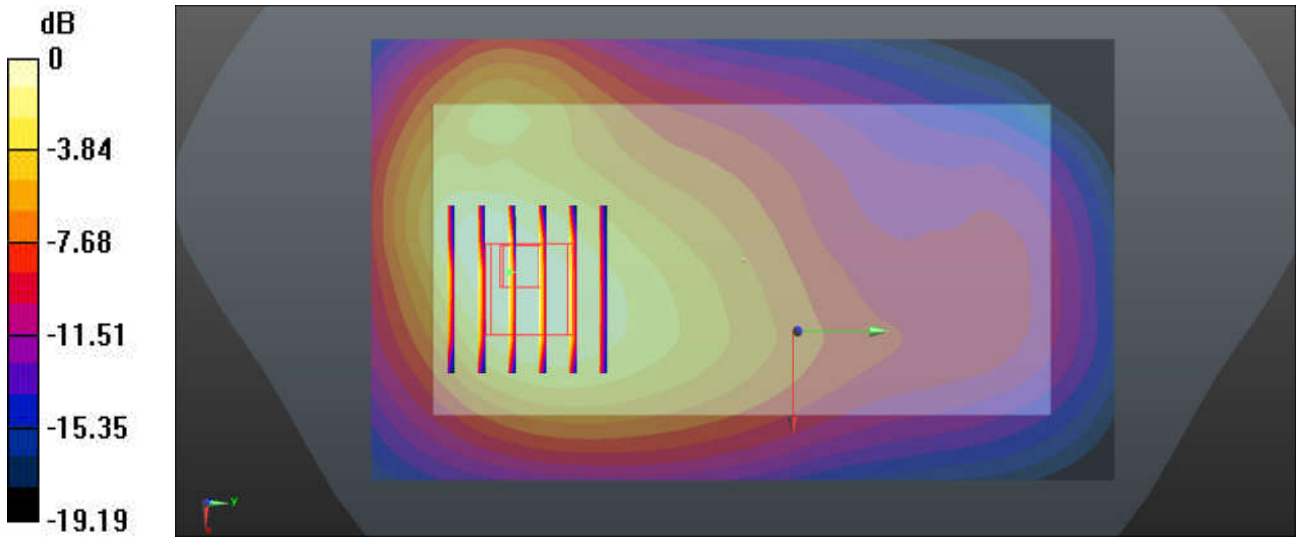
43_LTE Band 4_20M_QPSK_50RB_24Offset_Back_15mm_Ch20175

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_220813 Medium parameters used: f = 1732.5 MHz; σ = 1.358 S/m; ε_r =41.634; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.8, 8.8, 8.8); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch20175/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.341 W/kg

Ch20175/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.873 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.488 W/kg
SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.193 W/kg
Maximum value of SAR (measured) = 0.343 W/kg



0 dB = 0.343 W/kg

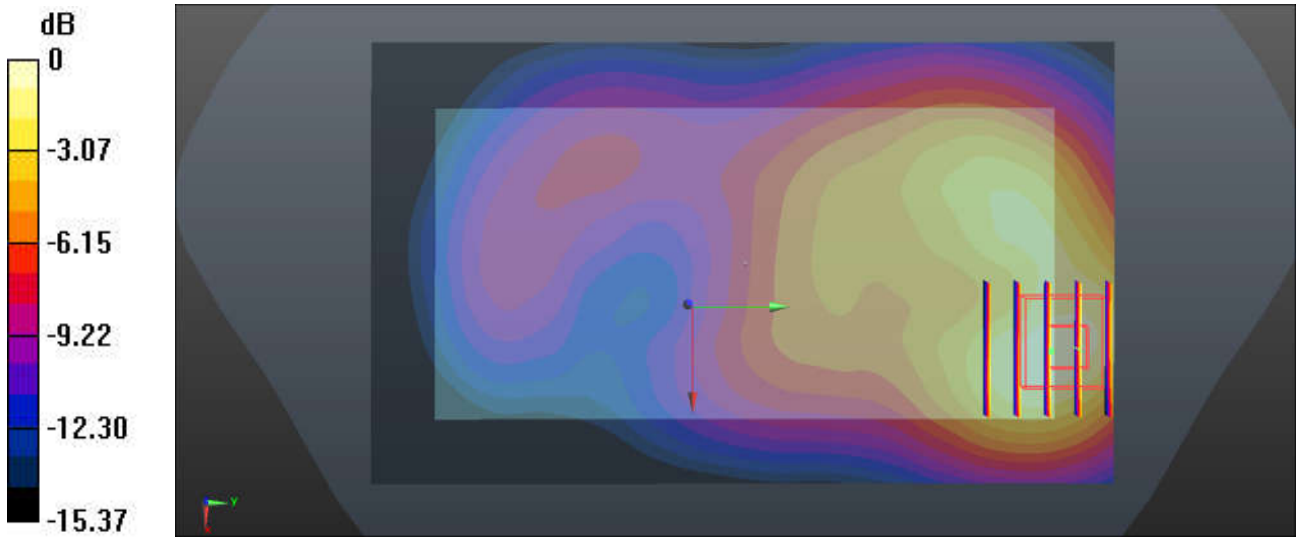
44_GSM1900_GPRS(2 Tx slots)_Back_15mm_Ch661

Communication System: UID 0, GPRS/EDGE10 (0); Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium: HSL_1900_220811 Medium parameters used: f = 1880 MHz; σ = 1.531 S/m; ε_r = 40.864; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.5, 8.5, 8.5); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch661/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.340 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.567 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.494 W/kg
SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.165 W/kg
Maximum value of SAR (measured) = 0.340 W/kg



0 dB = 0.340 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/11

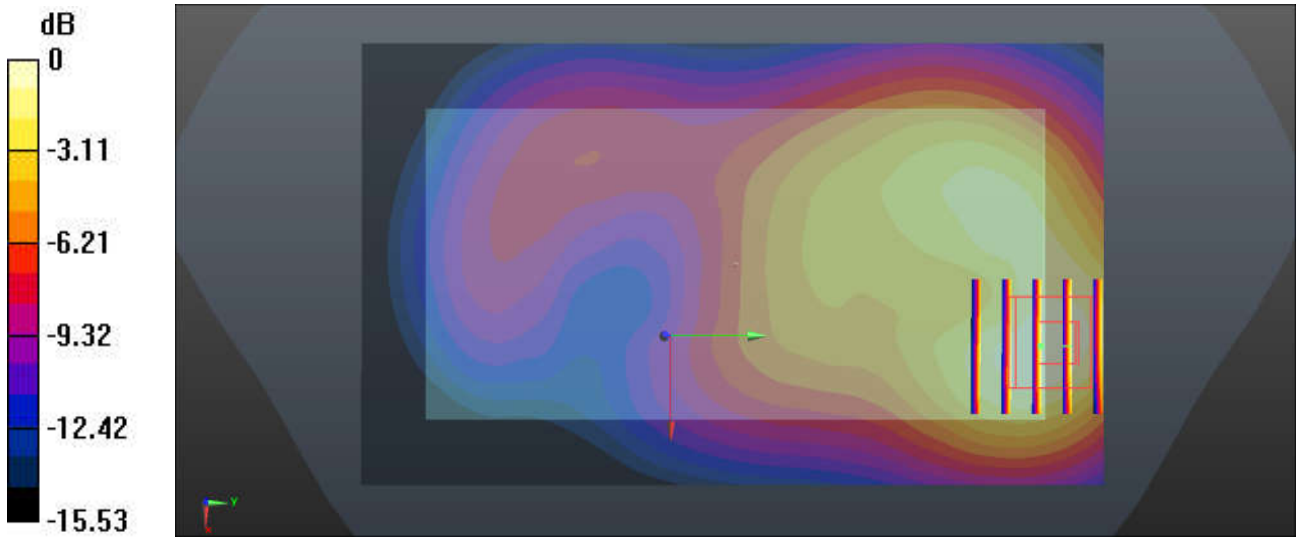
45_WCDMA II_RMC 12.2Kbps_Back_15mm_Ch9400

Communication System: UID 0, UMTS (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_220811 Medium parameters used: f = 1880 MHz; σ = 1.531 S/m; ε_r = 40.864; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.5, 8.5, 8.5); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch9400/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.482 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.458 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.662 W/kg
SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.226 W/kg
Maximum value of SAR (measured) = 0.461 W/kg



0 dB = 0.461 W/kg

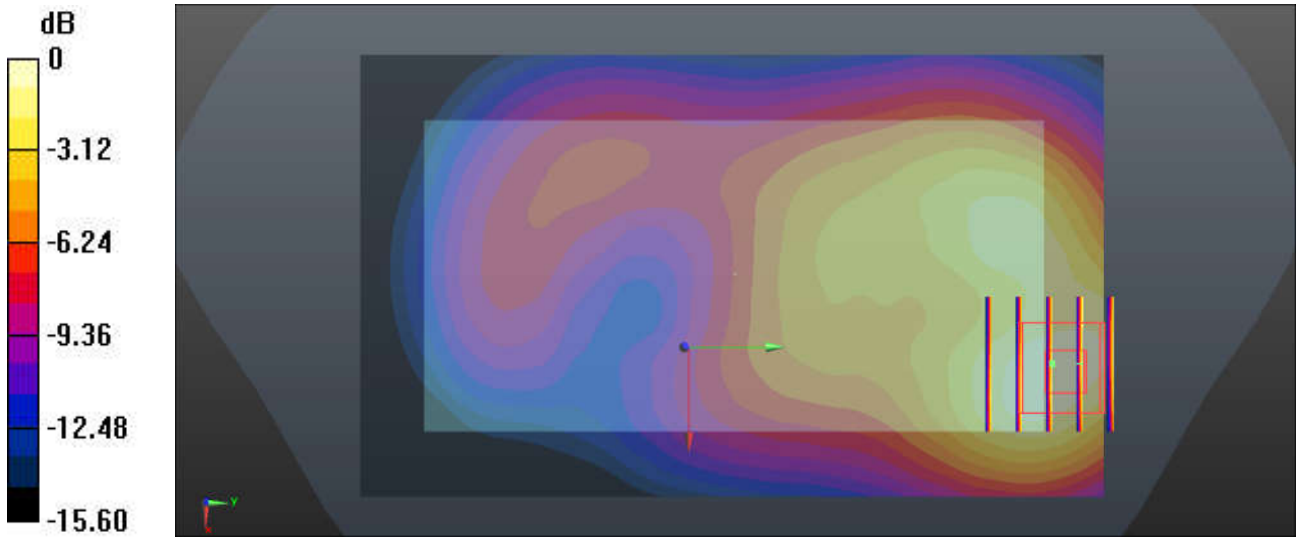
46_LTE Band 2_20M_QPSK_1RB_49Offset_Back_15mm_Ch18900

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_220811 Medium parameters used: f = 1880 MHz; σ = 1.531 S/m; ε_r = 40.864; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.5, 8.5, 8.5); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch18900/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.388 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.088 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.572 W/kg
SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.193 W/kg
Maximum value of SAR (measured) = 0.396 W/kg



0 dB = 0.396 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/17

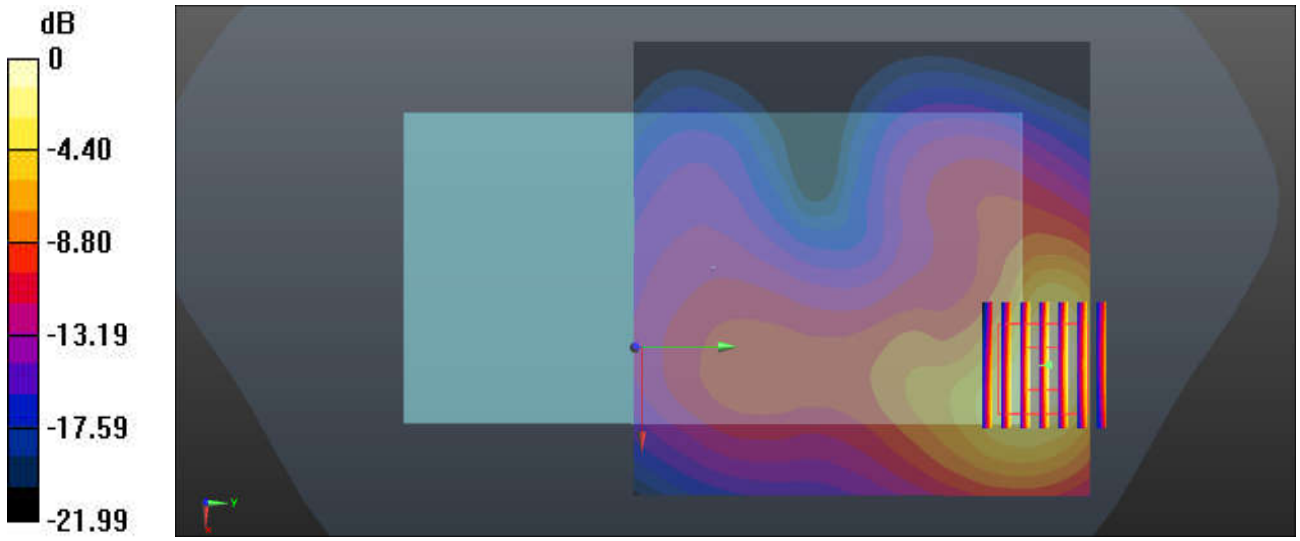
47_LTE Band 7_20M_QPSK_1RB_49Offset_Back_15mm_Ch21100

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_220817 Medium parameters used: f = 2535 MHz; σ = 1.978 S/m; ε_r = 38.613; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.56, 7.56, 7.56); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch21100/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.958 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.698 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.360 W/kg
Maximum value of SAR (measured) = 0.945 W/kg



0 dB = 0.945 W/kg

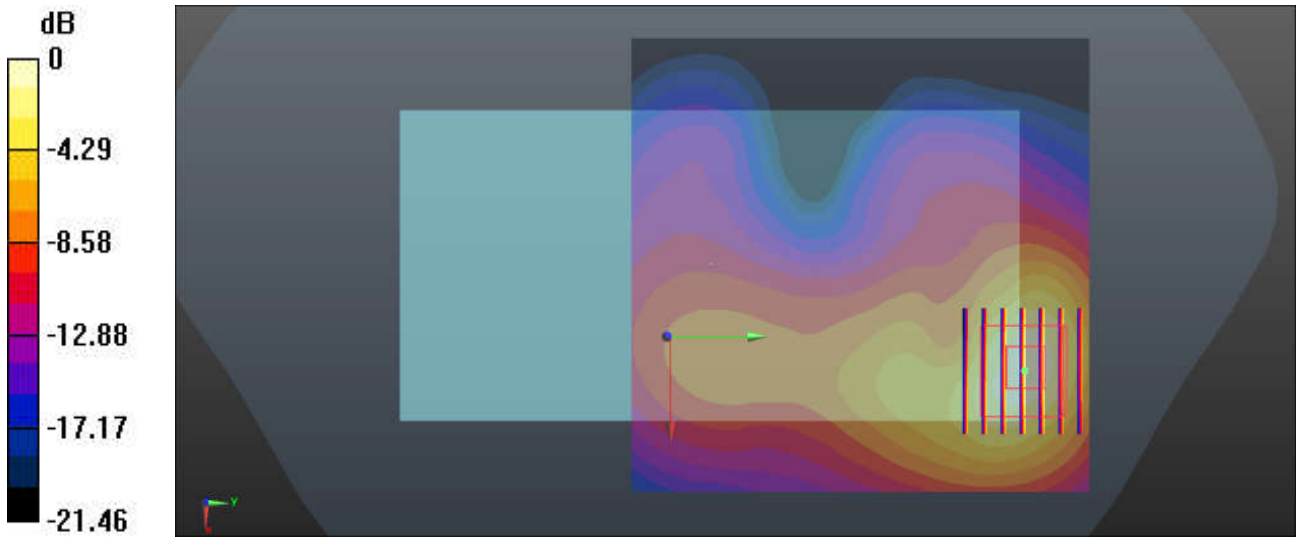
48_LTE Band 41_20M_QPSK_1RB_49Offset_Back_15mm_Ch40620

Communication System: UID 0, LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_220817 Medium parameters used: f = 2593 MHz; σ = 2.043 S/m; ε_r = 38.377; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.56, 7.56, 7.56); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch40620/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.541 W/kg

Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.232 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.863 W/kg
SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.213 W/kg
Maximum value of SAR (measured) = 0.571 W/kg



0 dB = 0.571 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/17

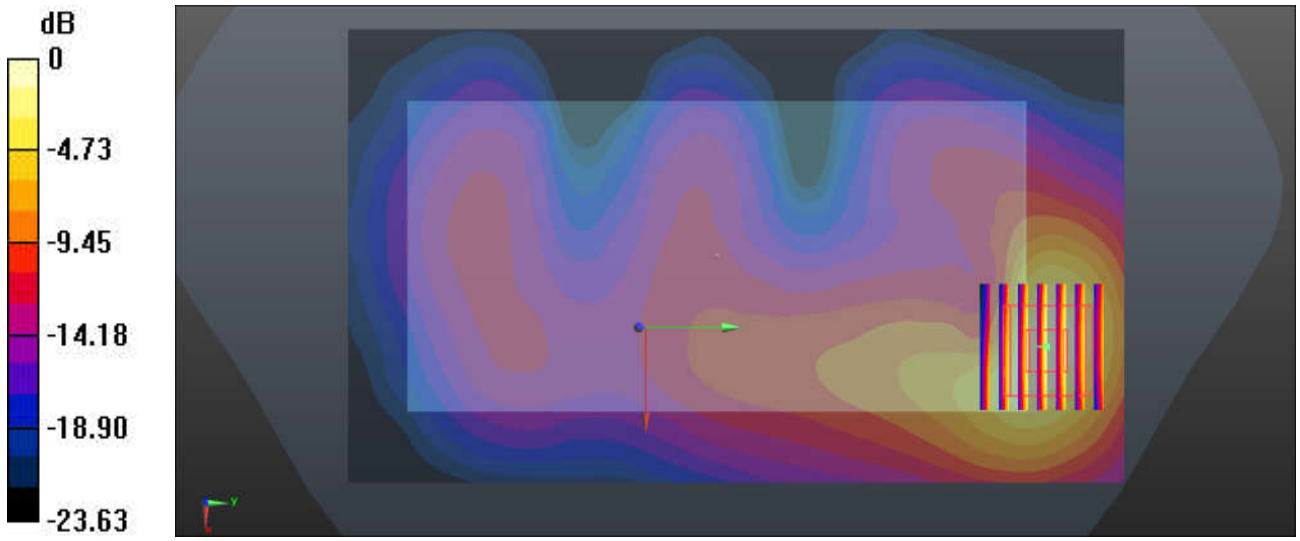
49_FR1 n7_20M_BPSK_50RB_28Offset_DFT-15_Back_15mm_Ch507000

Communication System: UID 0, 5G NR (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_220817 Medium parameters used: f = 2535 MHz; σ = 1.978 S/m; ε_r = 38.613; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.56, 7.56, 7.56); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch507000/Area Scan (91x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.859 W/kg

Ch507000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.385 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.300 W/kg
Maximum value of SAR (measured) = 0.825 W/kg



0 dB = 0.825 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/17

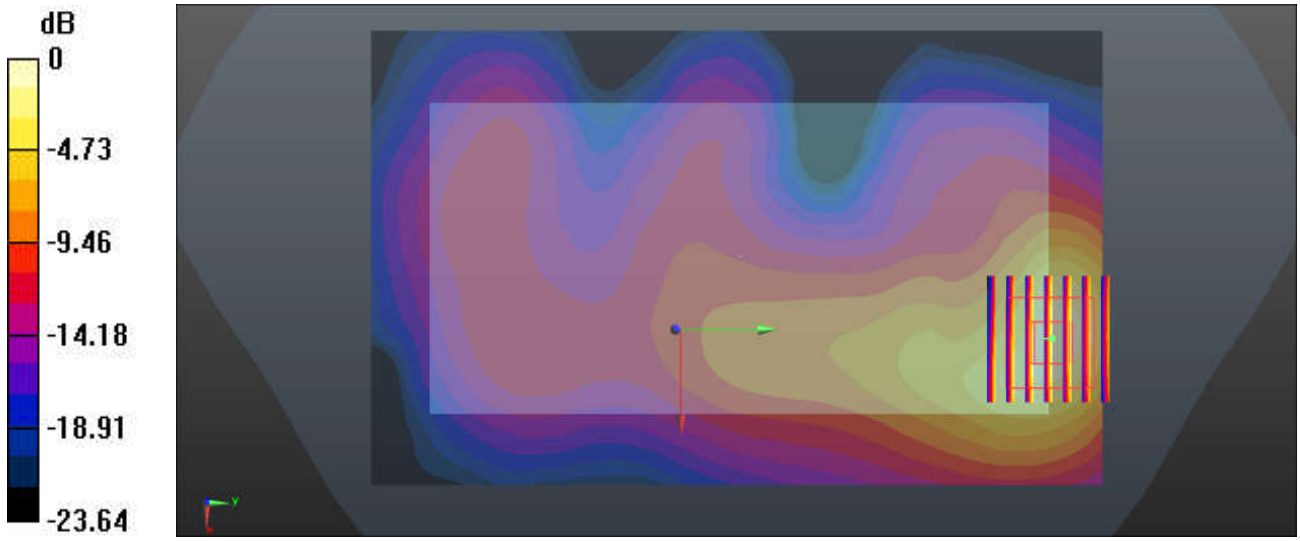
50_FR1 n41_100M_BPSK_135RB_69Offset_DFT-30_Back_15mm_Ch518598

Communication System: UID 0, 5G NR (0); Frequency: 2592.99 MHz;Duty Cycle: 1:1
Medium: HSL_2600_220817 Medium parameters used: f = 2593 MHz; σ = 2.043 S/m; ε_r = 38.377; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.56, 7.56, 7.56); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch518598/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.797 W/kg

Ch518598/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.971 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.300 W/kg
Maximum value of SAR (measured) = 0.833 W/kg



0 dB = 0.833 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/12

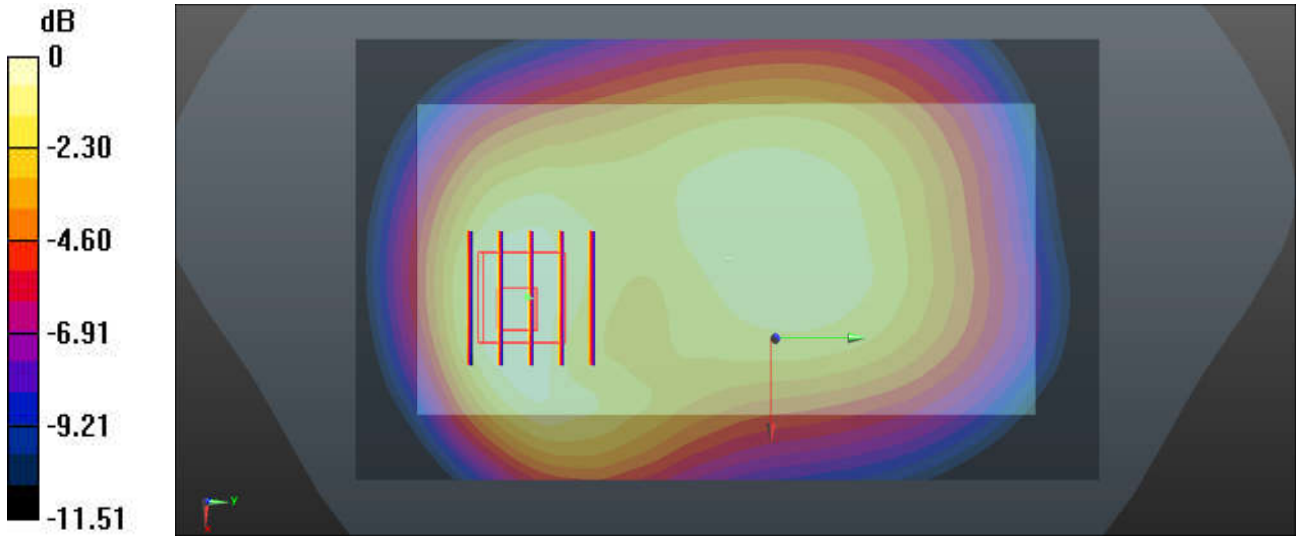
51_FR1 n5_20M_BPSK_50RB_28Offset_DFT-15_Back_15mm_Ch167300

Communication System: UID 0, 5G NR (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_220812 Medium parameters used: f = 836.5 MHz; σ = 0.917 S/m;ε_r= 41.976; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(10.1, 10.1, 10.1); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch167300/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.274 W/kg

Ch167300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.03 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.366 W/kg
SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.152 W/kg
Maximum value of SAR (measured) = 0.266 W/kg



0 dB = 0.266 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/22

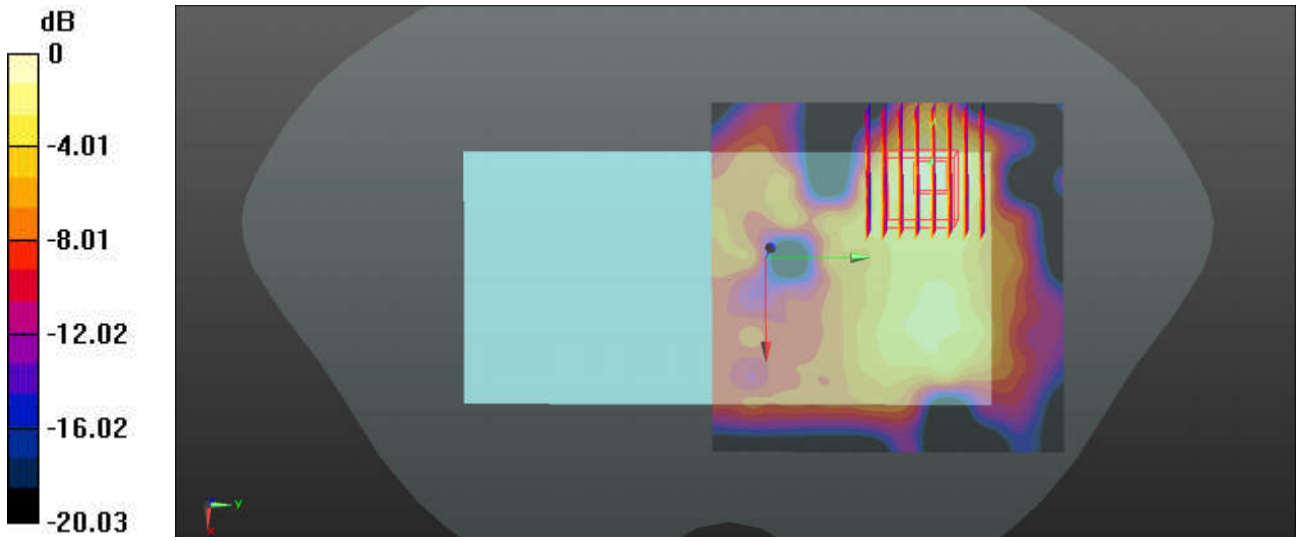
52_Bluetooth_DH5 1Mbps_Back_15mm_Ch39

Communication System: UID 0, BT (0); Frequency: 2441 MHz;Duty Cycle: 1:1.298
Medium: HSL_2450_220822 Medium parameters used: f = 2441 MHz; σ = 1.751 S/m; ε_r = 40.981; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.69, 7.69, 7.69); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0246 W/kg

Ch39/Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.271 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0530 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00773 W/kg
Maximum value of SAR (measured) = 0.0273 W/kg



0 dB = 0.0273 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/22

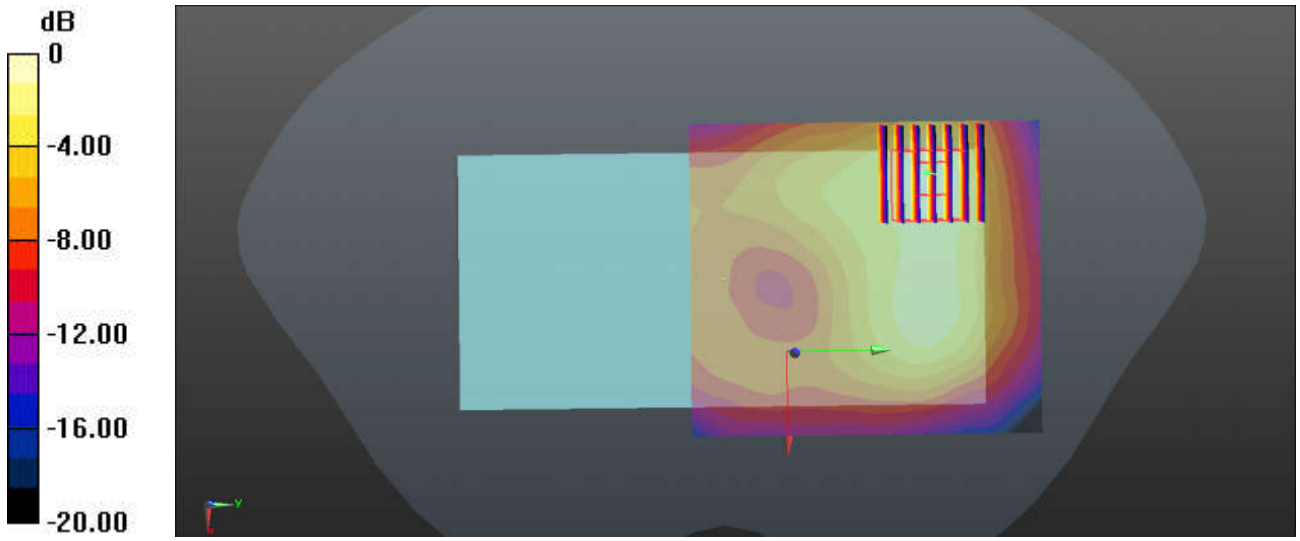
53_WLAN2.4GHz_802.11b 1Mbps_Back_15mm_Ch1

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz;Duty Cycle: 1:1.006
Medium: HSL_2450_220822 Medium parameters used: f = 2412 MHz; σ = 1.735 S/m; ε_r = 38.45; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.69, 7.69, 7.69); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1/Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.188 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.491 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.235 W/kg
SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.061 W/kg
Maximum value of SAR (measured) = 0.190 W/kg



0 dB = 0.190 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/12

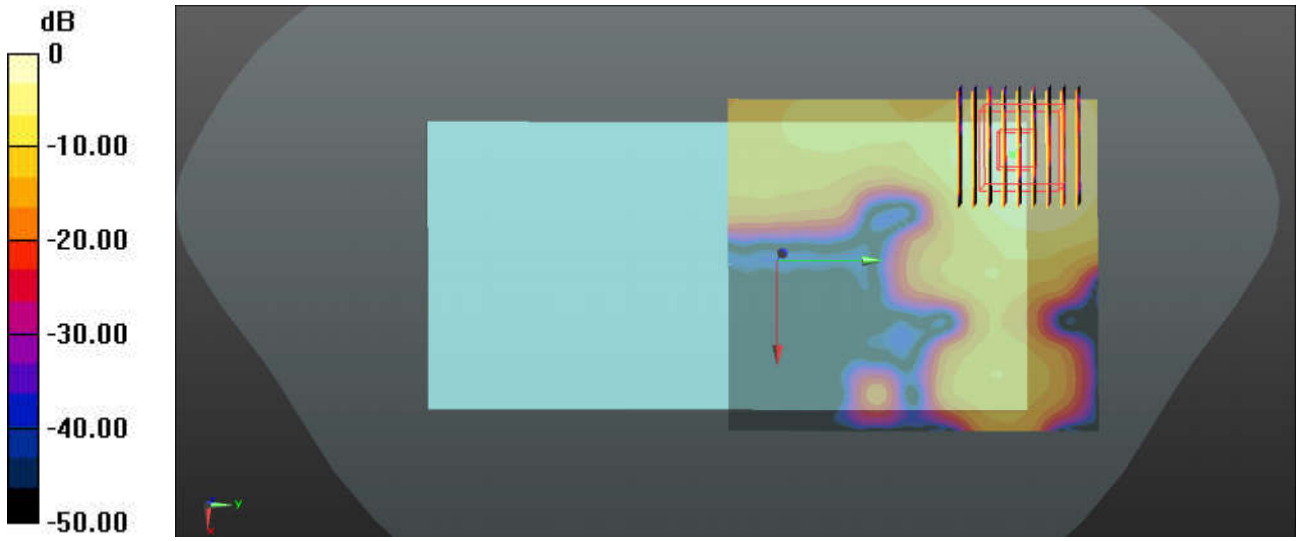
54_WLAN5GHz_802.11a 6Mbps_Back_15mm_Ch60

Communication System: UID 0, WIFI (0); Frequency: 5300 MHz;Duty Cycle: 1:1.029
Medium: HSL_5250_220812 Medium parameters used: f = 5300 MHz; σ = 4.81 S/m; ε_r = 36.791; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(5.02, 5.02, 5.02); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch60/Area Scan (91x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.693 W/kg

Ch60/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.7340 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.116 W/kg
Maximum value of SAR (measured) = 0.678 W/kg



0 dB = 0.678 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/18

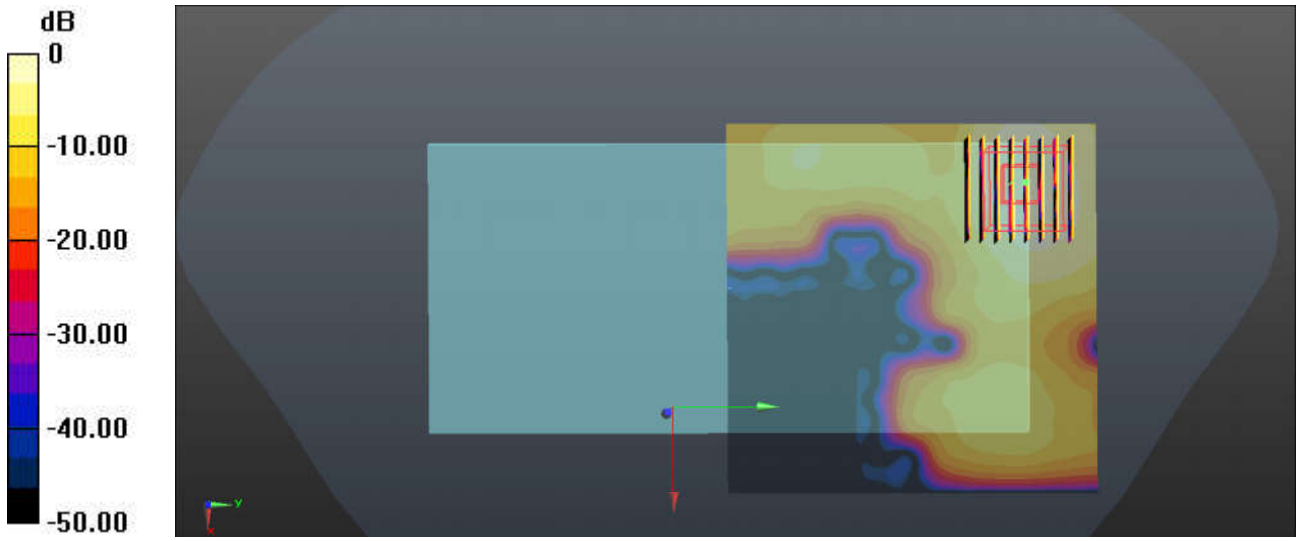
55_WLAN5GHz_802.11a 6Mbps_Back_15mm_Ch116

Communication System: UID 0, WIFI (0); Frequency: 5580 MHz;Duty Cycle: 1:1.029
Medium: HSL_5600_220818 Medium parameters used: f = 5580 MHz; σ = 5.153 S/m; ε_r = 36.161; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(4.75, 4.75, 4.75); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch116/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.584 W/kg

Ch116/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.7550 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.907 W/kg
SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 0.562 W/kg



0 dB = 0.562 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/18

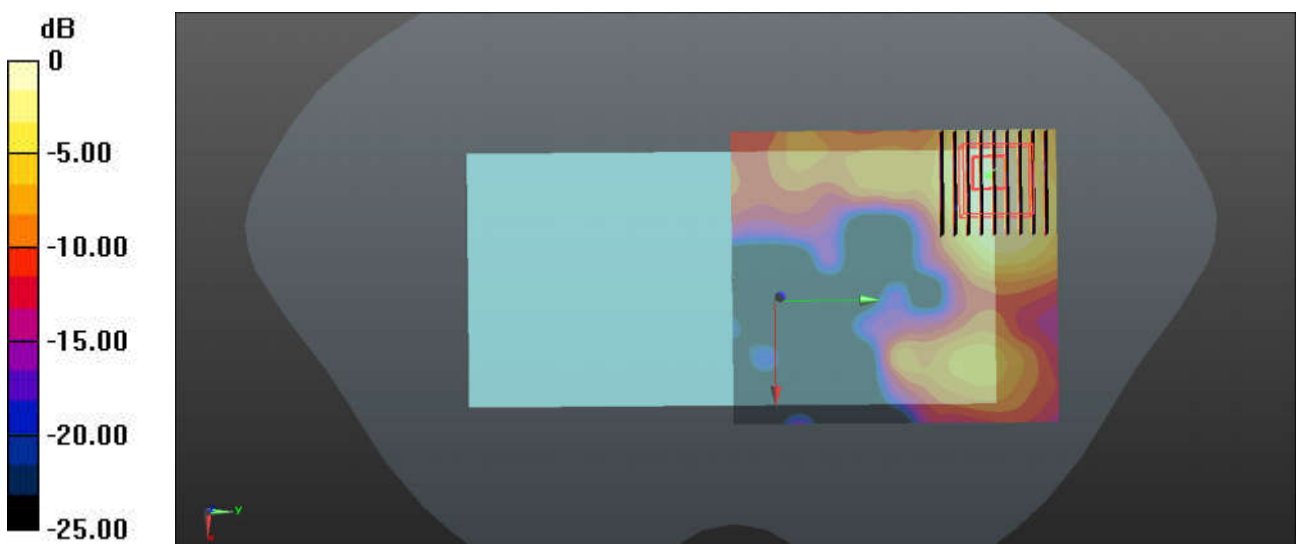
56_WLAN5GHz_802.11a 6Mbps_Back_15mm_Ch157

Communication System: UID 0, WIFI (0); Frequency: 5785 MHz;Duty Cycle: 1:1.029
Medium: HSL_5750_220818 Medium parameters used: f = 5785 MHz; σ = 5.396 S/m; ε_r = 35.742; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(4.7, 4.7, 4.7); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch157/Area Scan (91x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.464 W/kg

Ch157/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.199 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.711 W/kg
SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.075 W/kg
Maximum value of SAR (measured) = 0.452 W/kg



0 dB = 0.452 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/11

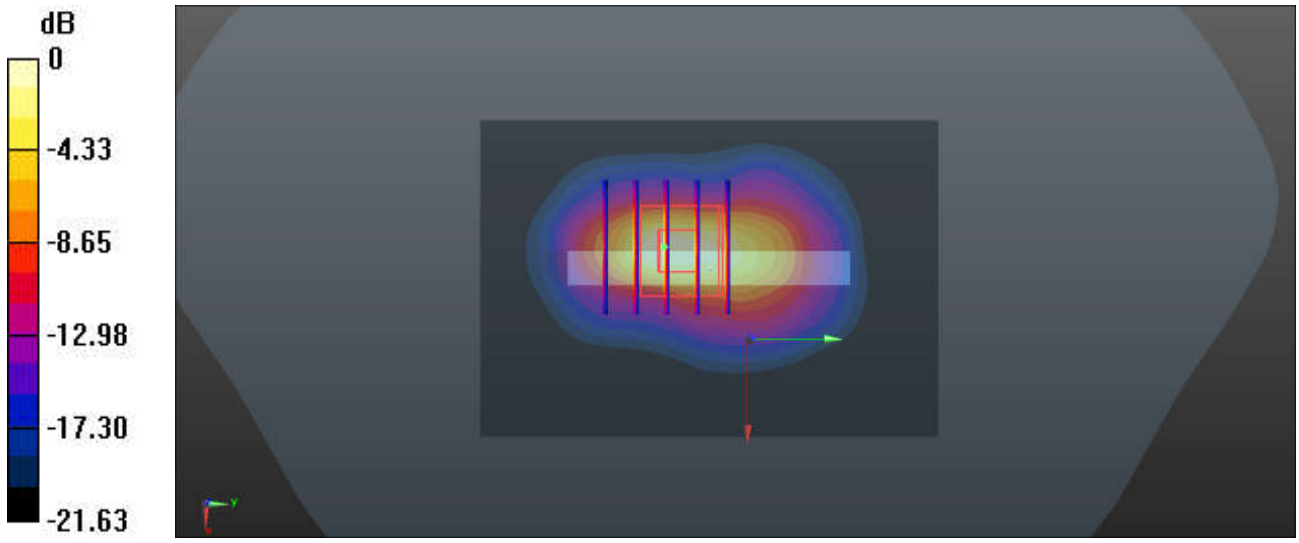
57_WCDMA II_RMC 12.2Kbps_Top Side_0mm_Ch9400

Communication System: UID 0, UMTS (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_220811 Medium parameters used: f = 1880 MHz; σ = 1.531 S/m; ε_r = 40.864; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.5, 8.5, 8.5); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch9400/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.82 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 55.03 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 11.2 W/kg
SAR(1 g) = 4.43 W/kg; SAR(10 g) = 1.71 W/kg
Maximum value of SAR (measured) = 6.89 W/kg



0 dB = 6.89 W/kg

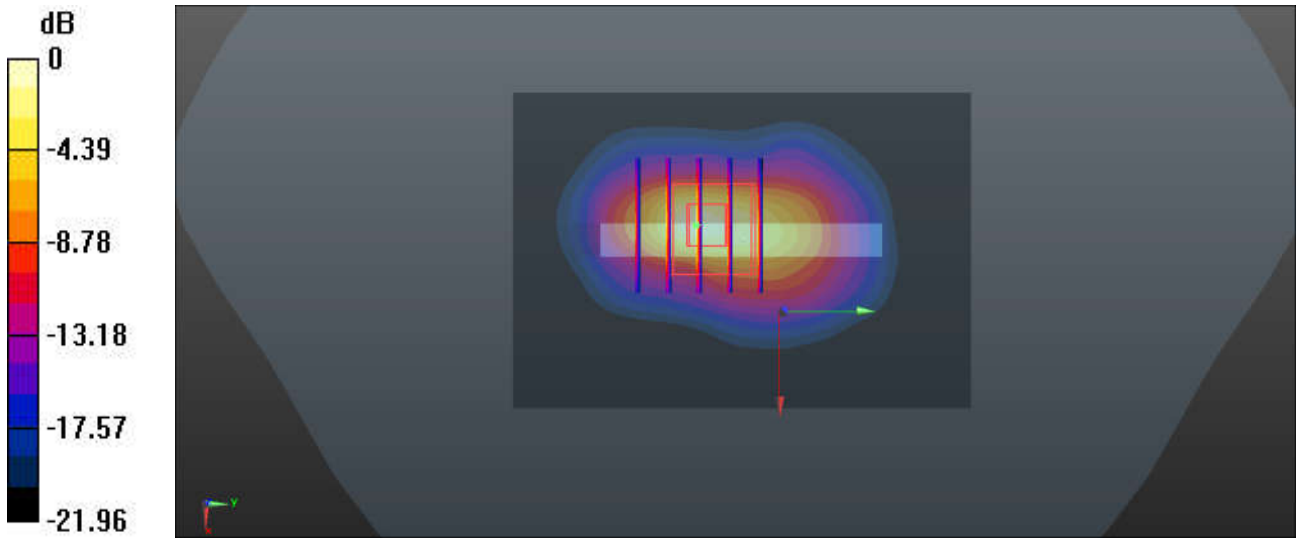
58_LTE Band 2_20M_QPSK_1RB_49Offset_Top Side_0mm_Ch18900

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_220811 Medium parameters used: f = 1880 MHz; σ = 1.531 S/m; ε_r = 40.864; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(8.5, 8.5, 8.5); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch18900/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.91 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 59.79 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 12.1 W/kg
SAR(1 g) = 4.65 W/kg; SAR(10 g) = 1.79 W/kg
Maximum value of SAR (measured) = 7.44 W/kg



0 dB = 7.44 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/17

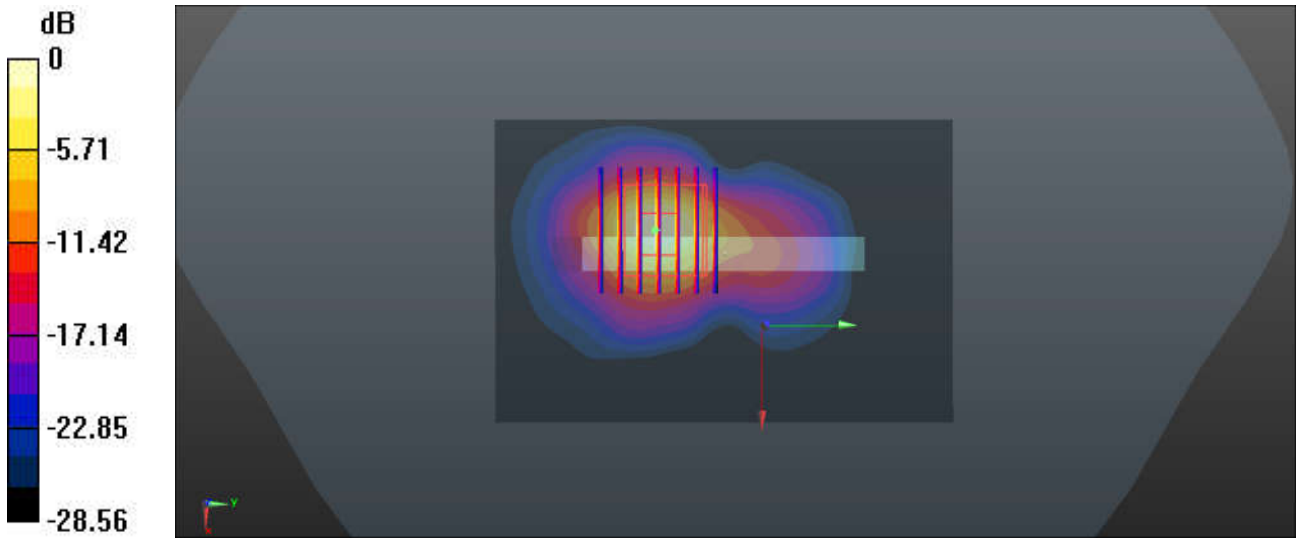
59_LTE Band 7_20M_QPSK_1RB_49Offset_Top Side_0mm_Ch21100

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_220817 Medium parameters used: f = 2535 MHz; σ = 1.978 S/m; ε_r = 38.613; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.56, 7.56, 7.56); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch21100/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 7.67 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.79 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 15.9 W/kg
SAR(1 g) = 5.05 W/kg; SAR(10 g) = 1.66 W/kg
Maximum value of SAR (measured) = 7.96 W/kg



0 dB = 7.96 W/kg

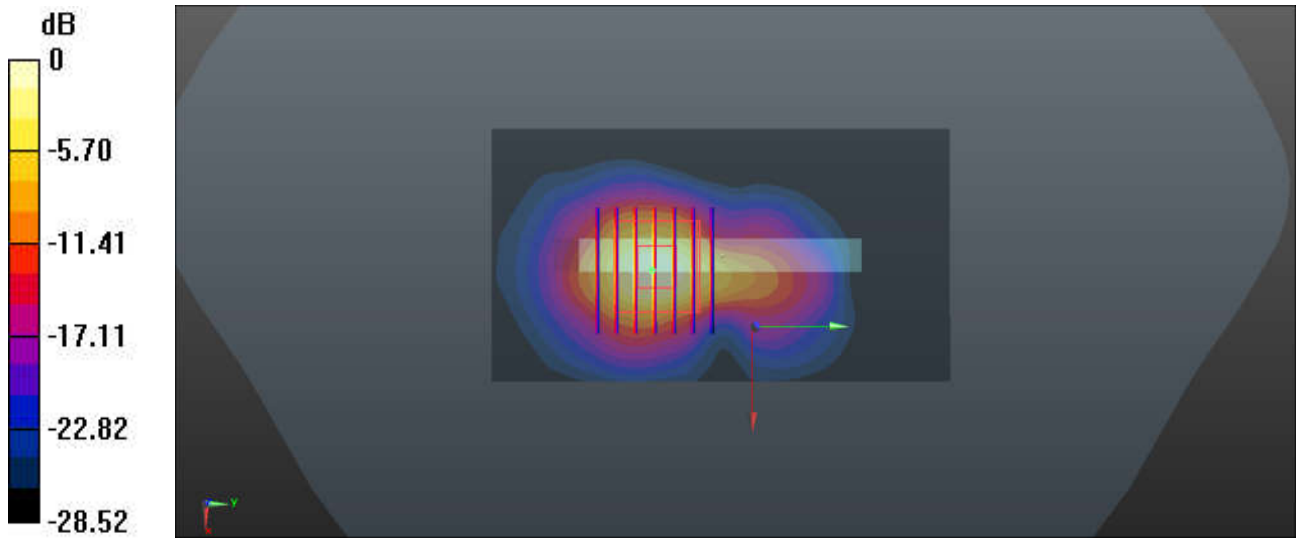
60_LTE Band 41_20M_QPSK_50RB_24Offset_Top Side_0mm_Ch39750

Communication System: UID 0, LTE (0); Frequency: 2506 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_220817 Medium parameters used: f = 2506 MHz; σ = 1.945 S/m; ε_r = 38.326; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.56, 7.56, 7.56); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39750/Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 8.04 W/kg

Ch39750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.34 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 14.8 W/kg
SAR(1 g) = 5.02 W/kg; SAR(10 g) = 1.7 W/kg
Maximum value of SAR (measured) = 7.89 W/kg



0 dB = 7.89 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/17

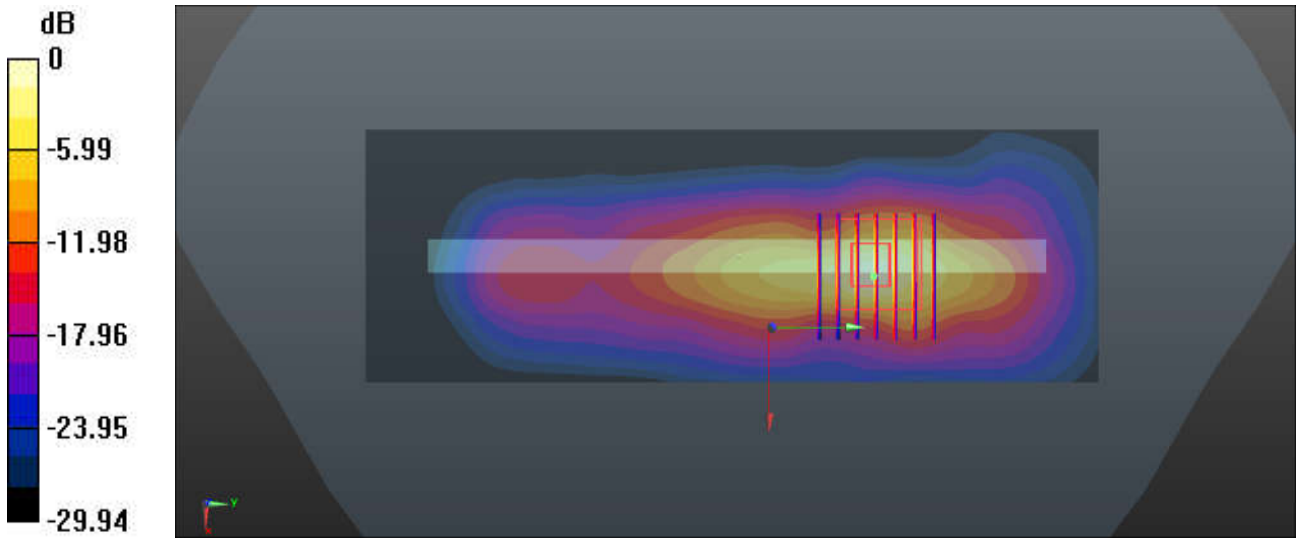
61_FR1 n7_20M_BPSK_50RB_28Offset_DFT-15_Left Side_0mm_Ch512000

Communication System: UID 0, 5G NR (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_220817 Medium parameters used: f = 2560 MHz; σ = 2.005 S/m; ε_r = 38.547; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.56, 7.56, 7.56); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch512000/Area Scan (51x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 7.67 W/kg

Ch512000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.85 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 21.2 W/kg
SAR(1 g) = 5.98 W/kg; SAR(10 g) = 1.85 W/kg
Maximum value of SAR (measured) = 8.98 W/kg



0 dB = 8.98 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/17

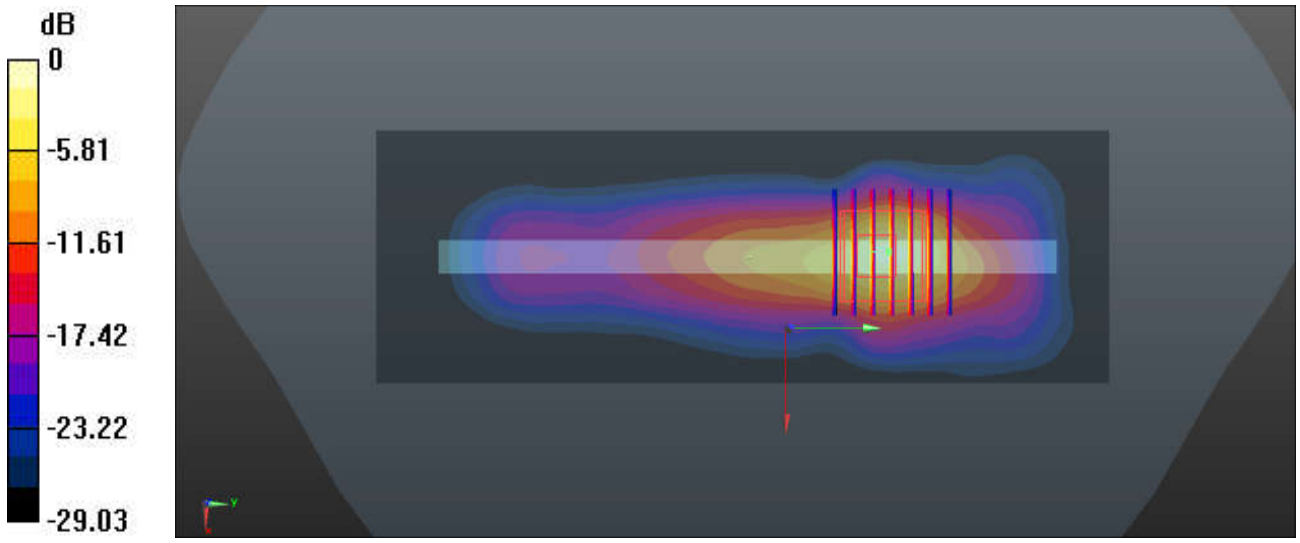
62_FR1 n41_100M_BPSK_135RB_69Offset_DFT-30_Left Side_0mm_Ch518598

Communication System: UID 0, 5G NR (0); Frequency: 2592.99 MHz;Duty Cycle: 1:1
Medium: HSL_2600_220817 Medium parameters used: f = 2593 MHz; σ = 2.043 S/m; ε_r = 38.377; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(7.56, 7.56, 7.56); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch518598/Area Scan (51x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 6.89 W/kg

Ch518598/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.83 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 20.0 W/kg
SAR(1 g) = 5.95 W/kg; SAR(10 g) = 1.91 W/kg
Maximum value of SAR (measured) = 9.03 W/kg



0 dB = 9.03 W/kg

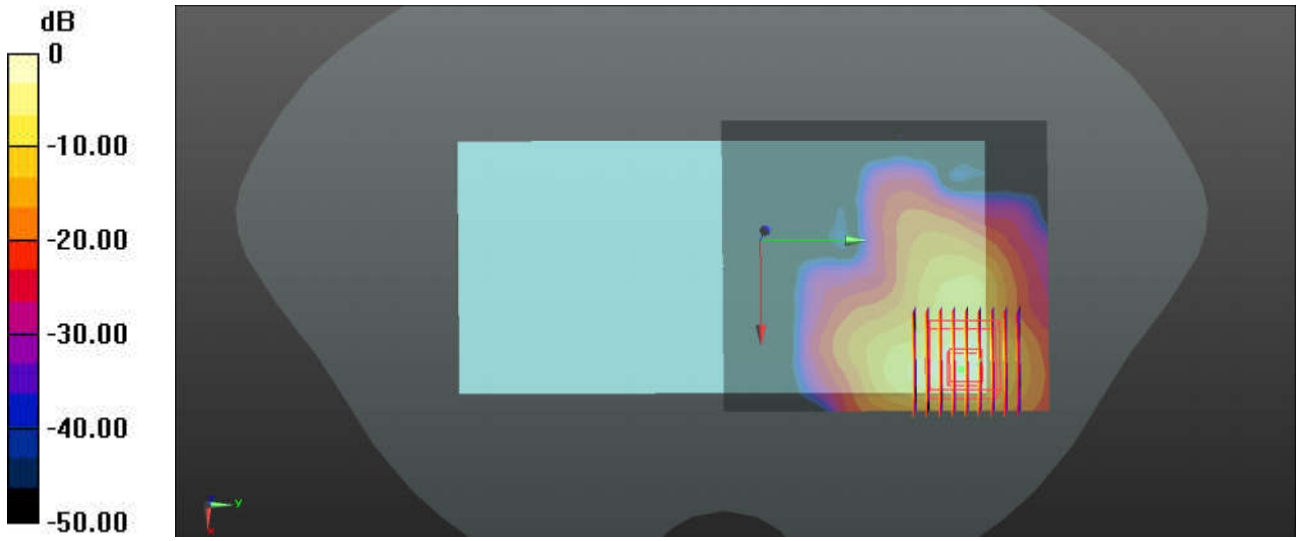
63_WLAN5GHz_802.11a 6Mbps_Front_0mm_Ch60

Communication System: UID 0, WIFI (0); Frequency: 5300 MHz;Duty Cycle: 1:1.029
Medium: HSL_5250_220812 Medium parameters used: f = 5300 MHz; σ = 4.81 S/m; ε_r = 36.791; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(5.02, 5.02, 5.02); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch60/Area Scan (91x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 14.5 W/kg

Ch60/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 26.5 W/kg
SAR(1 g) = 5.3 W/kg; SAR(10 g) = 1.43 W/kg
Maximum value of SAR (measured) = 13.5 W/kg



0 dB = 13.5 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/18

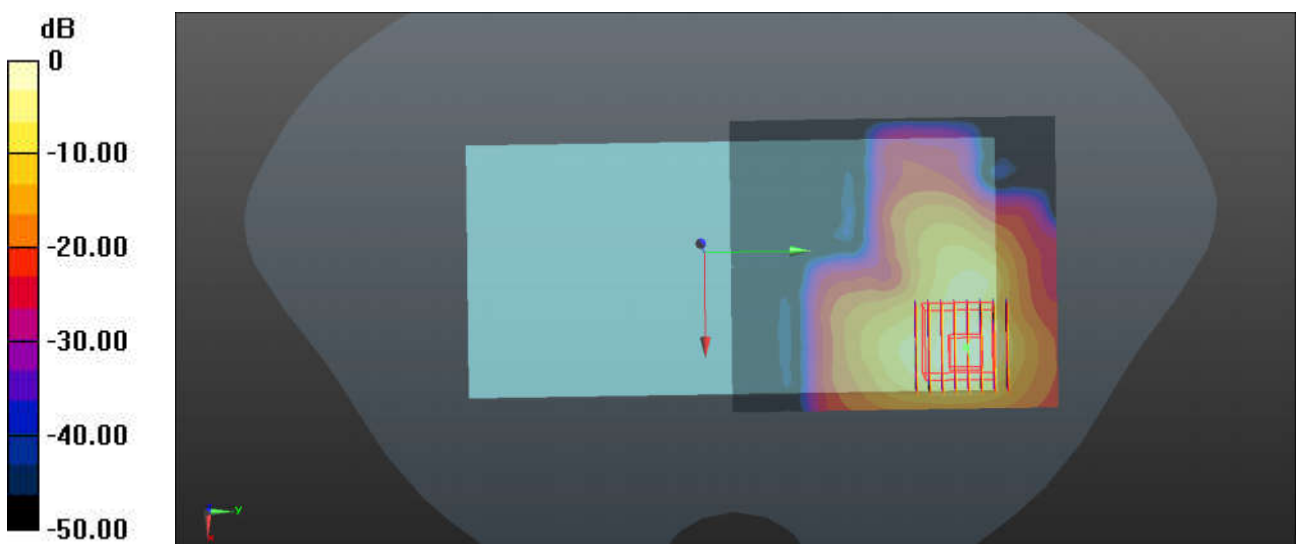
64_WLAN5GHz_802.11a 6Mbps_Front_0mm_Ch116

Communication System: UID 0, WIFI (0); Frequency: 5580 MHz;Duty Cycle: 1:1.029
Medium: HSL_5600_220818 Medium parameters used: f = 5580 MHz; σ = 5.153 S/m; ε_r = 36.161; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3935; ConvF(4.75, 4.75, 4.75); Calibrated: 2022/6/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Right); Type: QD 000 P41 AA; Serial: 2033
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch116/Area Scan (91x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 10.9 W/kg

Ch116/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.4350 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 22.6 W/kg
SAR(1 g) = 4.63 W/kg; SAR(10 g) = 1.32 W/kg
Maximum value of SAR (measured) = 12.6 W/kg



0 dB = 10.9 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/8/18

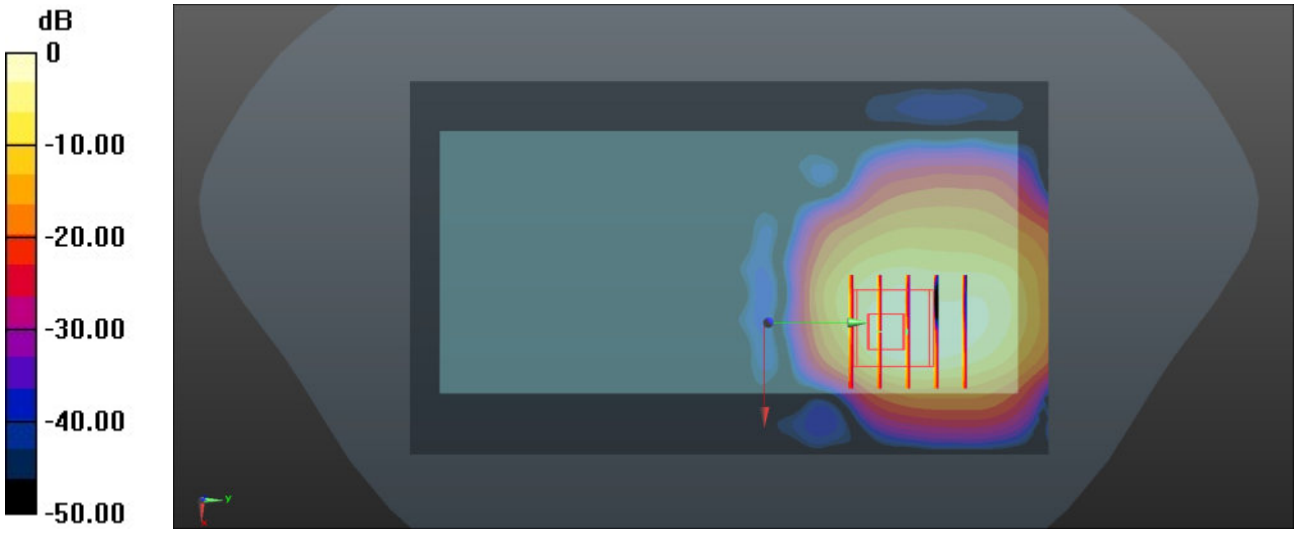
65_NFC_ASK _13.56M_Back_0mm

Communication System: UID 0, NRF (0); Frequency: 13.56 MHz;Duty Cycle: 1:1
Medium: HSL_13 Medium parameters used: f = 13.56 MHz; σ = 0.726 S/m; ε_r = 54.247; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(19.14, 19.14, 19.14); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2021/12/1
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1842
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): 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 = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.527 W/kg
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.252 W/kg



0 dB = 0.252 W/kg = -5.99 dBW/kg