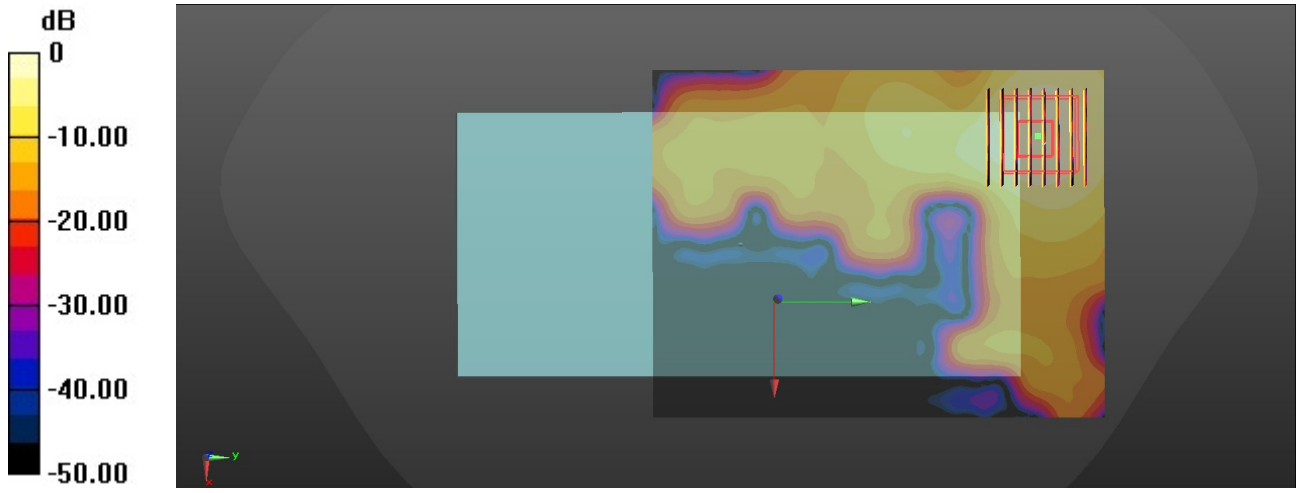
53_WLAN5GHz_802.11a 6Mbps_Back_15mm_Ch60

Communication System: UID 0, WIFI (0); Frequency: 5300 MHz;Duty Cycle: 1:1.026
Medium: HSL_5250_230128 Medium parameters used: f = 5300 MHz; σ = 4.603 S/m; ε_r = 35.496; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(5.71, 5.71, 5.71); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch60/Area Scan (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.669 W/kg

Ch60/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.883 W/kg
SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.626 W/kg



0 dB = 0.626 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2023/1/29

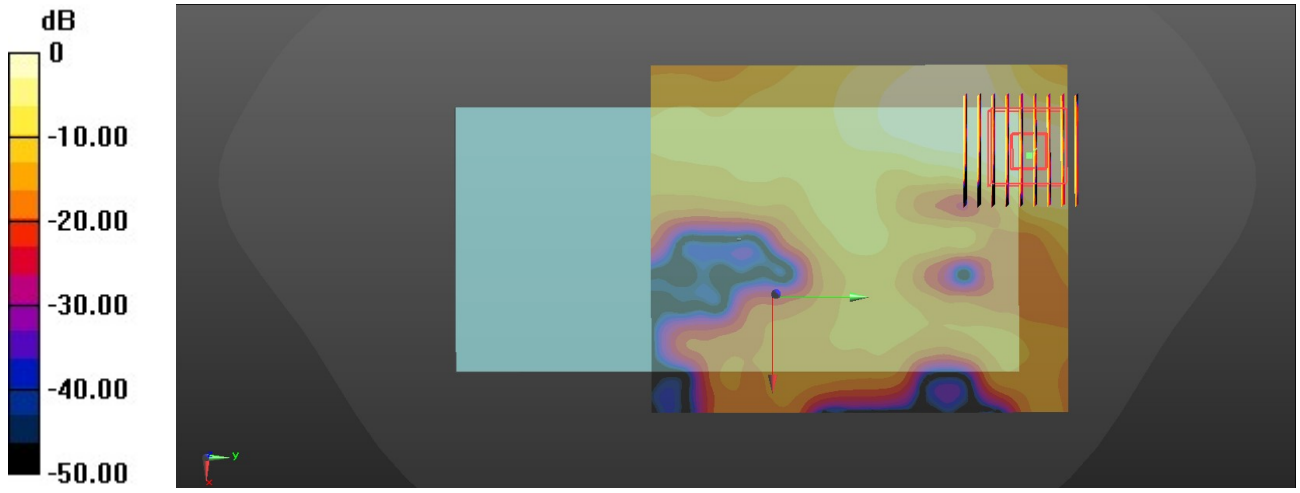
54_WLAN5GHz_802.11n-HT40 MCS0_Back_15mm_Ch110

Communication System: UID 0, WIFI (0); Frequency: 5550 MHz;Duty Cycle: 1:1.054
Medium: HSL_5600_230129 Medium parameters used: f = 5550 MHz; σ = 4.824 S/m; ε_r = 35.221; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(5.08, 5.08, 5.08); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch110/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.462 W/kg

Ch110/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.052 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.665 W/kg
SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.075 W/kg
Maximum value of SAR (measured) = 0.448 W/kg



0 dB = 0.448 W/kg

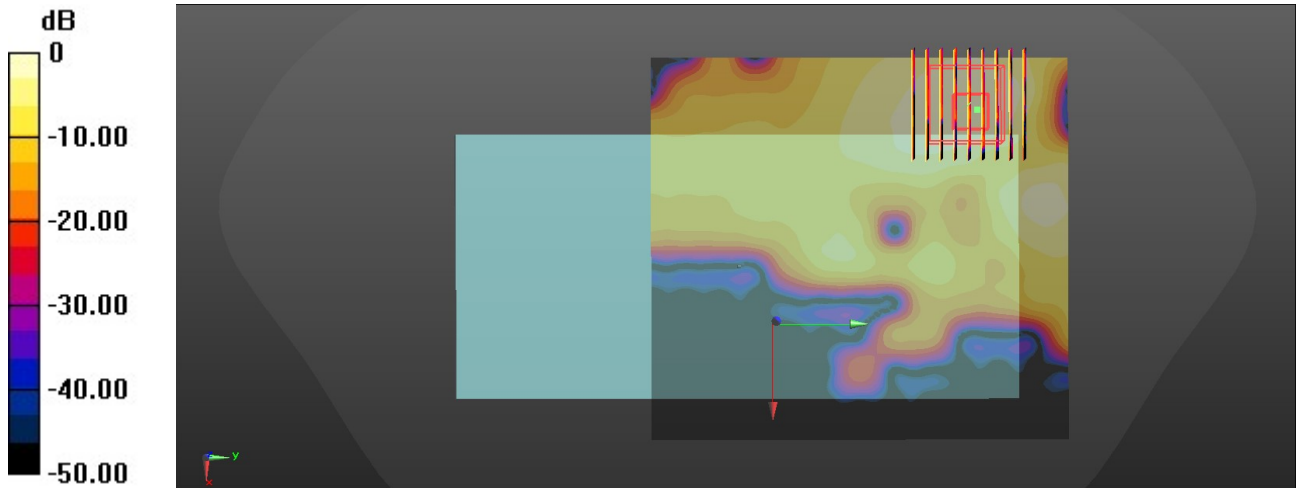
55_WLAN5GHz_802.11n-HT40 MCS0_Back_15mm_Ch151

Communication System: UID 0, WIFI (0); Frequency: 5755 MHz;Duty Cycle: 1:1.054
Medium: HSL_5750_230130 Medium parameters used: f = 5755 MHz; σ = 5.106 S/m; ε_r = 34.744; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(5.25, 5.25, 5.25); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch151/Area Scan (111x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.499 W/kg

Ch151/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.330 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.706 W/kg
SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.078 W/kg
Maximum value of SAR (measured) = 0.459 W/kg



0 dB = 0.459 W/kg

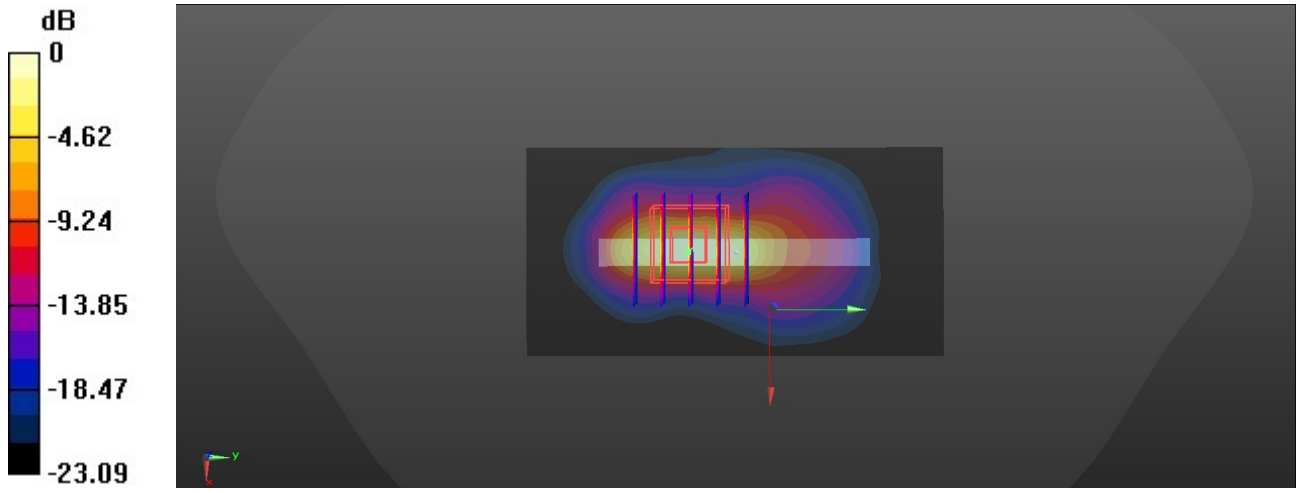
56_WCDMA IV_RMC 12.2Kbps_Top Side_0mm_Ch1413

Communication System: UID 0, UMTS (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_230118 Medium parameters used: f = 1733 MHz; σ = 1.27 S/m; ε_r = 37.782; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(9.47, 9.47, 9.47); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1413/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 11.7 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 87.30 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 15.0 W/kg
SAR(1 g) = 5.01 W/kg; SAR(10 g) = 1.91 W/kg
Maximum value of SAR (measured) = 11.7 W/kg



0 dB = 11.7 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2023/2/2

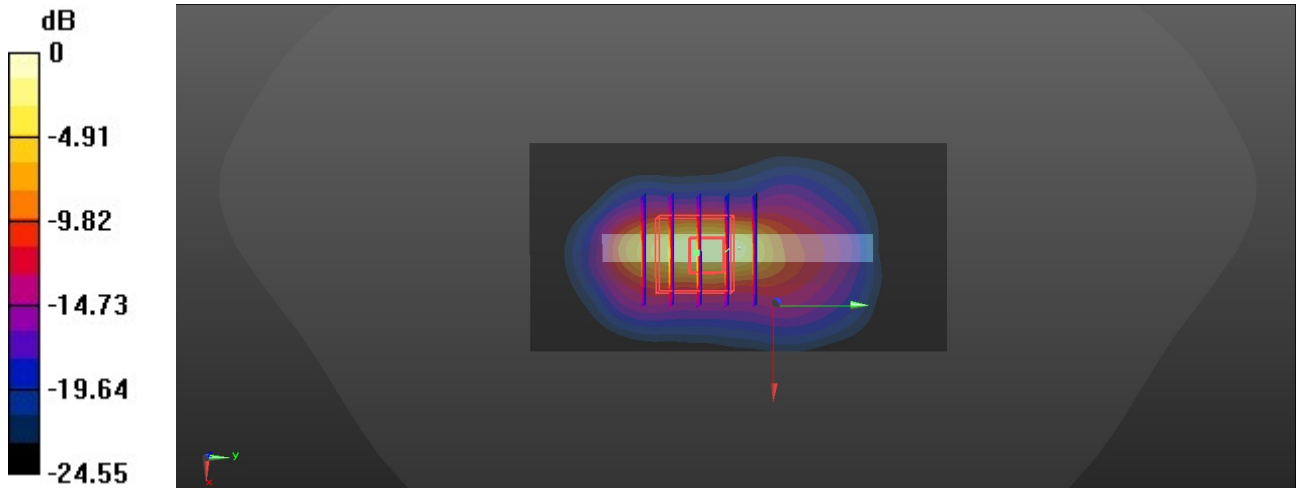
57_LTE Band 4_20M_QPSK_50RB_24Offset_Top Side_0mm_Ch20175

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_230202 Medium parameters used: f = 1733 MHz; σ = 1.27 S/m; ε_r = 37.782; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(9.47, 9.47, 9.47); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch20175/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 11.8 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 90.57 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 21.6 W/kg
SAR(1 g) = 6.36 W/kg; SAR(10 g) = 2.38 W/kg
Maximum value of SAR (measured) = 17.6 W/kg



0 dB = 17.6 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2023/1/18

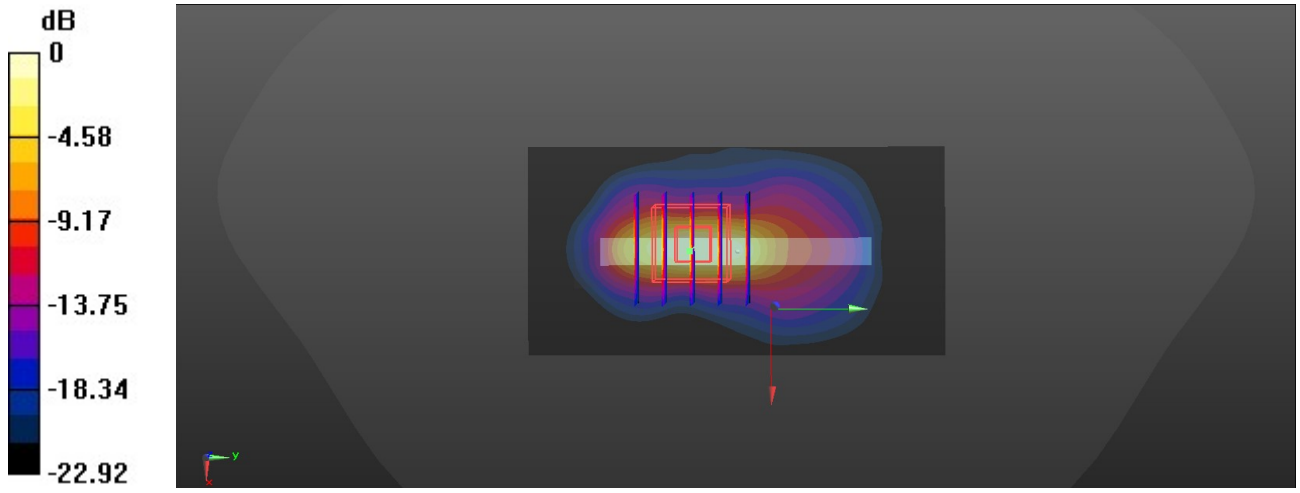
58_LTE Band 66_20M_QPSK_50RB_24Offset_Top Side_0mm_Ch132072

Communication System: UID 0, LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL_1750_230118 Medium parameters used: f = 1720 MHz; σ = 1.257 S/m; ε_r = 37.84; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(9.47, 9.47, 9.47); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch132072/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.5 W/kg

Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 97.68 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 16.7 W/kg
SAR(1 g) = 5.47 W/kg; SAR(10 g) = 2.06 W/kg
Maximum value of SAR (measured) = 13.1 W/kg



0 dB = 13.1 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2023/2/3

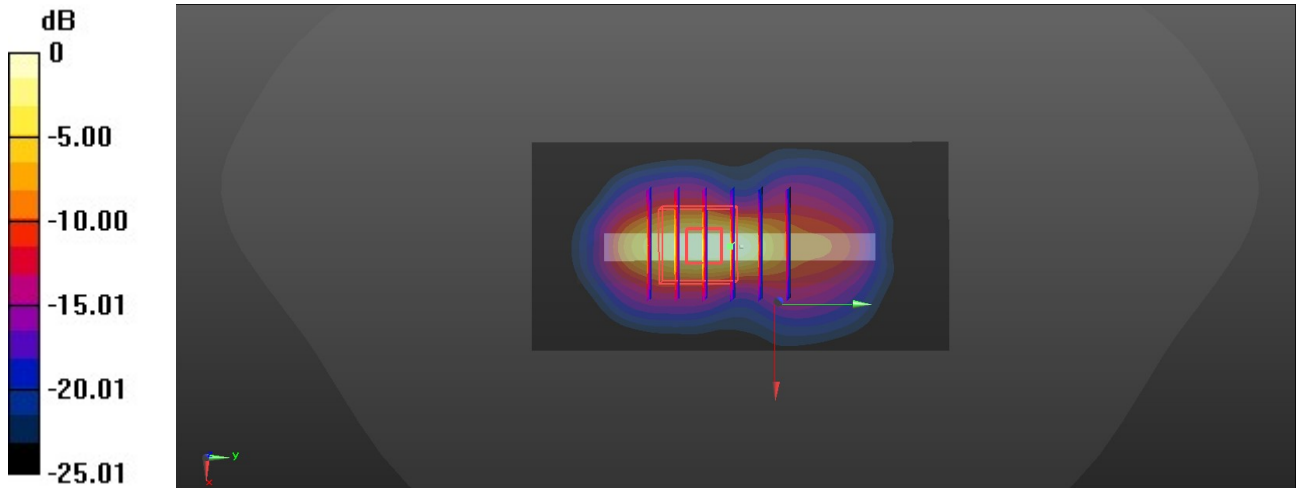
59_GSM1900_GPRS(2 Tx slots)_Top Side_0mm_Ch810

Communication System: UID 0, GPRS/EDGE10 (0); Frequency: 1909.8 MHz;Duty Cycle: 1:4.15
Medium: HSL_1900_230203 Medium parameters used: f = 1910 MHz; σ = 1.436 S/m; ε_r = 41.187; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(9.09, 9.09, 9.09); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch810/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.4 W/kg

Ch810/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 96.03 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 17.6 W/kg
SAR(1 g) = 5.45 W/kg; SAR(10 g) = 2.11 W/kg
Maximum value of SAR (measured) = 13.6 W/kg



0 dB = 13.6 W/kg

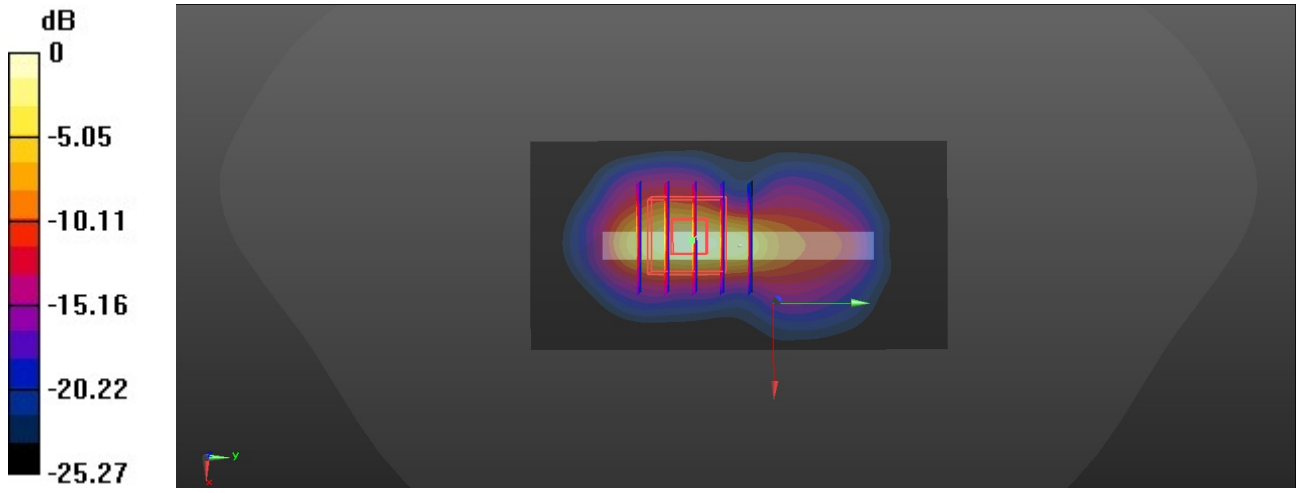
60_WCDMA II_RMC 12.2Kbps_Top Side_0mm_Ch9538

Communication System: UID 0, UMTS (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_230119 Medium parameters used: f = 1908 MHz; σ = 1.435 S/m; ε_r = 41.19; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(9.09, 9.09, 9.09); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch9538/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 12.4 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 76.76 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 18.3 W/kg
SAR(1 g) = 5.82 W/kg; SAR(10 g) = 2.17 W/kg
Maximum value of SAR (measured) = 14.4 W/kg



0 dB = 14.4 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2023/2/3

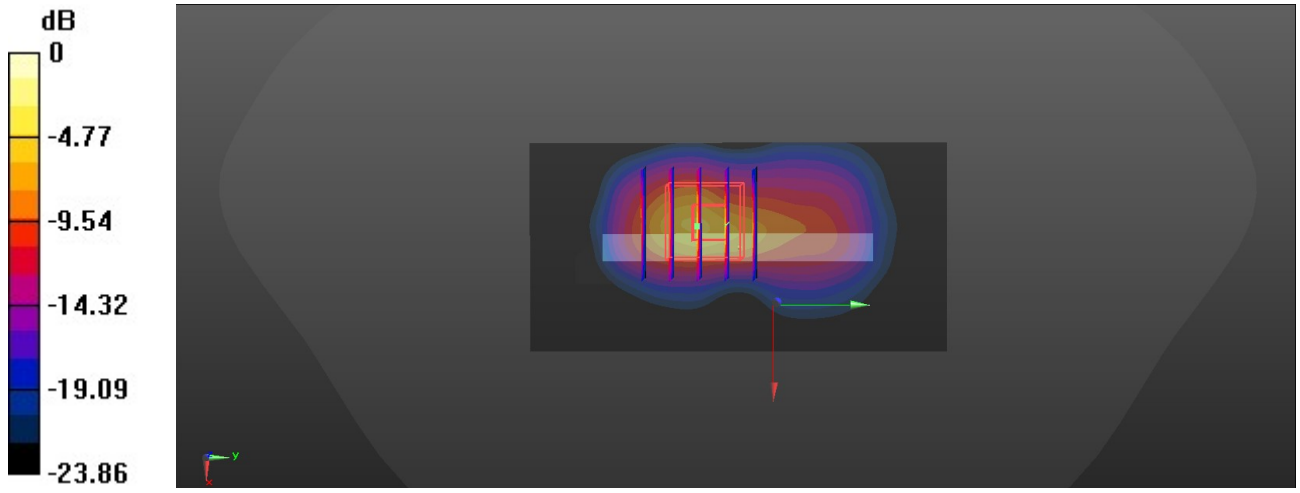
61_LTE Band 2_20M_QPSK_50RB_24Offset_Top Side_0mm_Ch19100

Communication System: UID 0, LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_230203 Medium parameters used: f = 1900 MHz; σ = 1.448 S/m; ε_r = 39.105; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(9.09, 9.09, 9.09); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch19100/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.34 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 47.89 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 21.2 W/kg
SAR(1 g) = 6.35 W/kg; SAR(10 g) = 2.4 W/kg
Maximum value of SAR (measured) = 17.2 W/kg



0 dB = 17.2 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2023/2/5

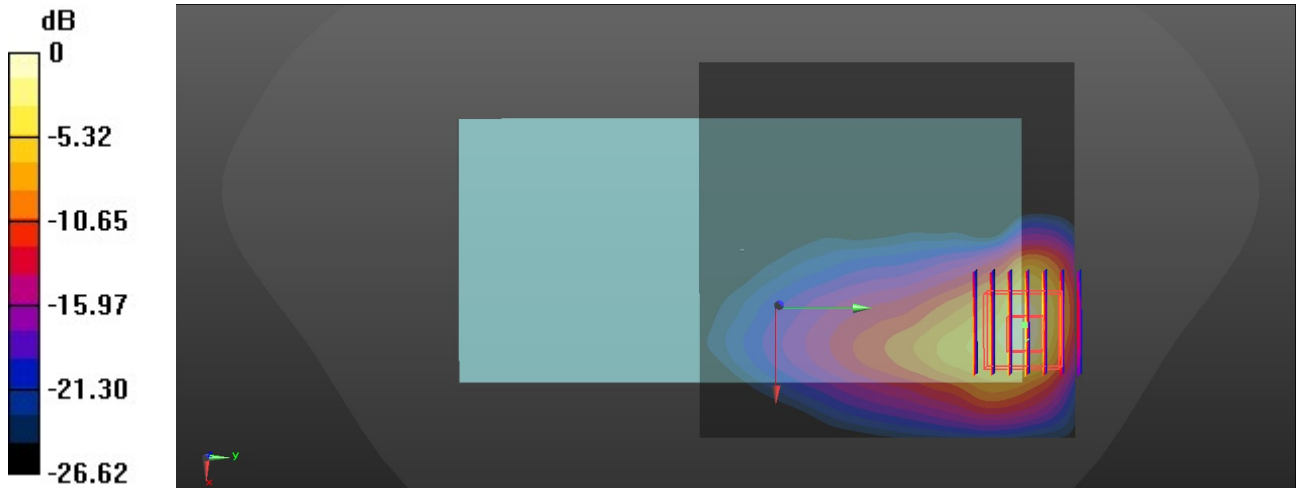
62_LTE Band 7_20M_QPSK_1RB_49Offset_Back_0mm_Ch21100

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_230205 Medium parameters used: f = 2535 MHz; σ = 1.983 S/m; ε_r = 37.563; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(7.93, 7.93, 7.93); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch21100/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 7.43 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.718 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 11.4 W/kg
SAR(1 g) = 4 W/kg; SAR(10 g) = 1.53 W/kg
Maximum value of SAR (measured) = 8.31 W/kg



0 dB = 8.31 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2023/1/21

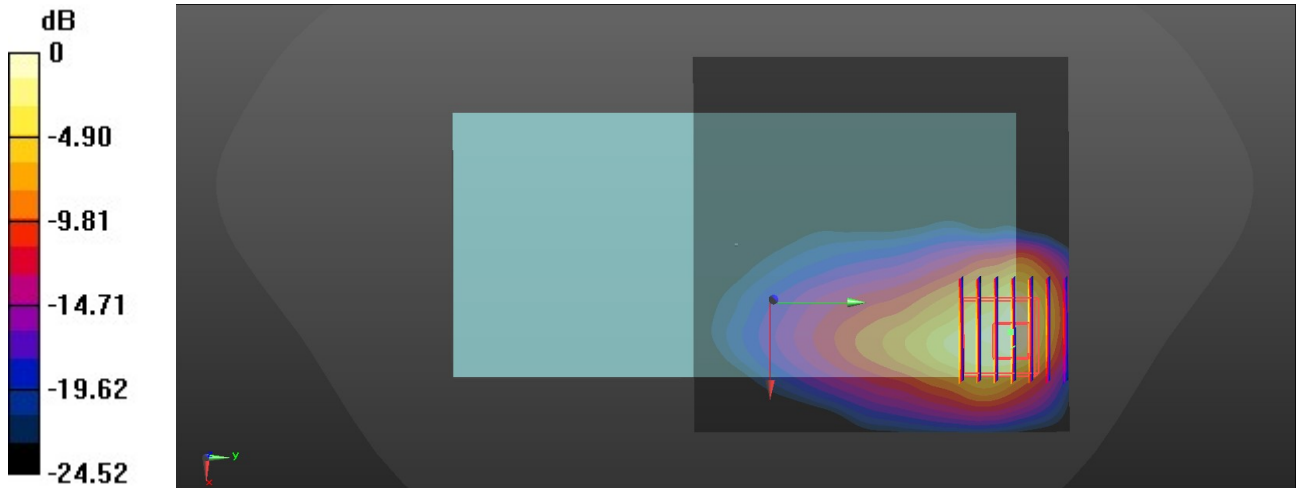
63_LTE Band 38_20M_QPSK_1RB_49Offset_Back_0mm_Ch38000

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_230121 Medium parameters used: f = 2595 MHz; σ = 2.05 S/m; ε_r = 37.315; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(7.93, 7.93, 7.93); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch38000/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 6.59 W/kg

Ch38000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.008 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 11.3 W/kg
SAR(1 g) = 3.53 W/kg; SAR(10 g) = 1.5 W/kg
Maximum value of SAR (measured) = 8.04 W/kg



0 dB = 6.59 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2023/1/21

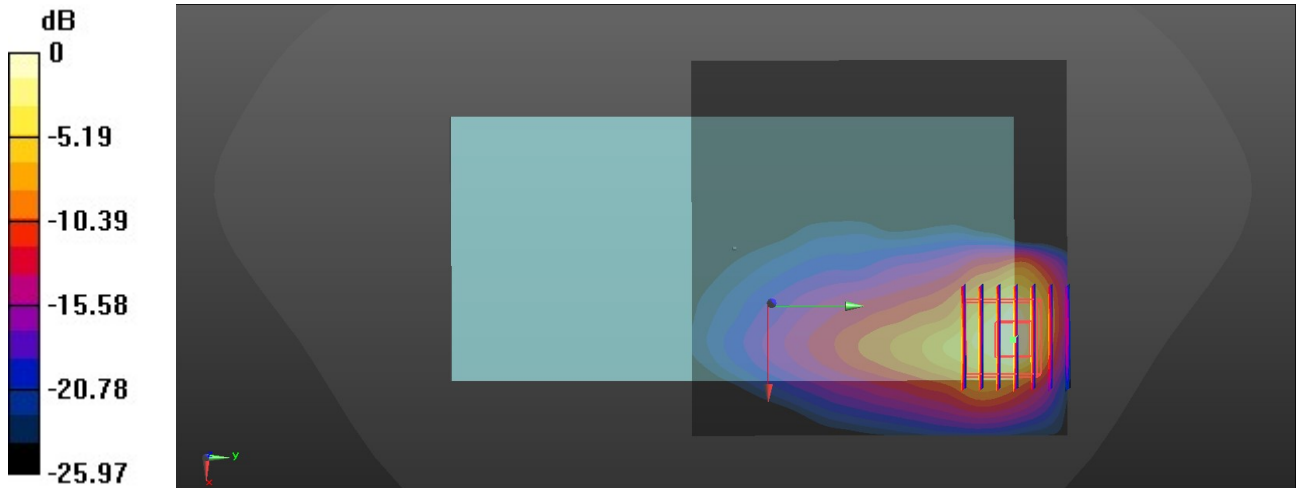
64_LTE Band 41_20M_QPSK_1RB_49Offset_Back_0mm_Ch40620

Communication System: UID 0, LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_230121 Medium parameters used: f = 2593 MHz; σ = 2.047 S/m; ε_r = 37.327; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(7.93, 7.93, 7.93); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch40620/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 5.13 W/kg

Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.899 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 7.73 W/kg
SAR(1 g) = 2.55 W/kg; SAR(10 g) = 1.03 W/kg
Maximum value of SAR (measured) = 5.73 W/kg



0 dB = 5.13 W/kg

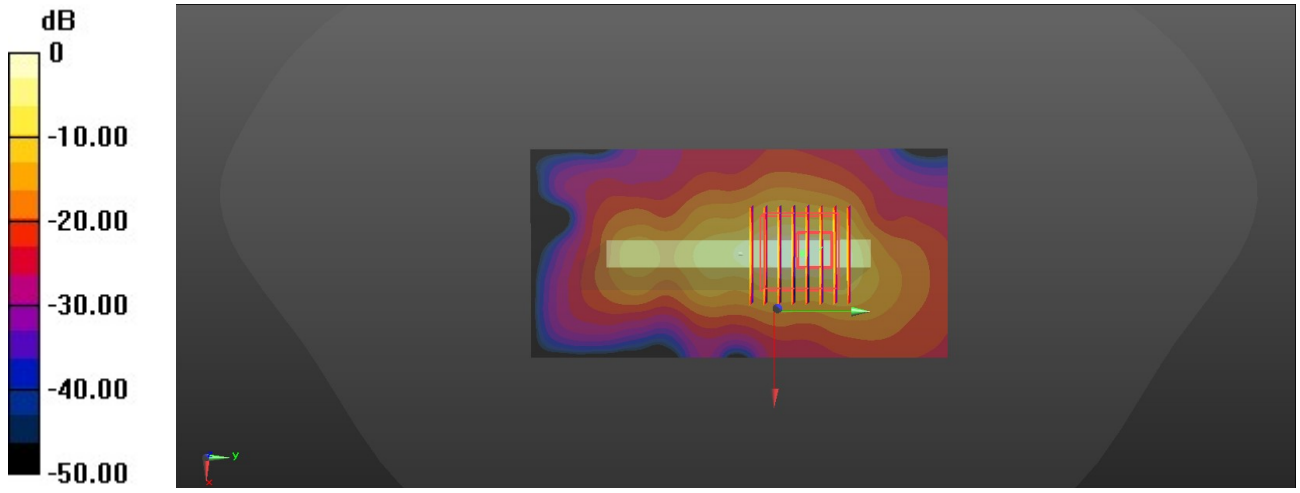
65_WLAN5GHz_802.11a 6Mbps_Top Side_0mm_Ch52

Communication System: UID 0, WIFI (0); Frequency: 5260 MHz;Duty Cycle: 1:1.026
Medium: HSL_5250_230128 Medium parameters used: f = 5260 MHz; σ = 4.572 S/m; ε_r = 35.631; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(5.71, 5.71, 5.71); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch52/Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 20.4 W/kg

Ch52/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 34.88 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 34.0 W/kg
SAR(1 g) = 6.55 W/kg; SAR(10 g) = 1.87 W/kg
Maximum value of SAR (measured) = 18.0 W/kg



0 dB = 18.0 W/kg

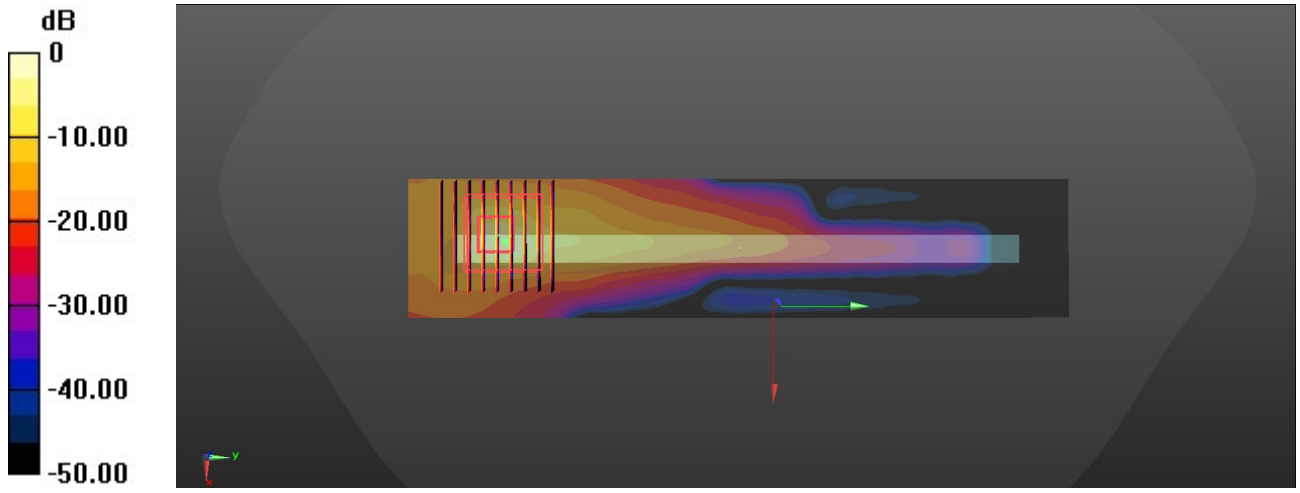
66_WLAN5GHz_802.11n-HT40 MCS0_Right Side_0mm_Ch110

Communication System: UID 0, WIFI (0); Frequency: 5550 MHz;Duty Cycle: 1:1.054
Medium: HSL_5600_230129 Medium parameters used: f = 5550 MHz; σ = 4.887 S/m; ε_r = 35.051; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(5.08, 5.08, 5.08); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch110/Area Scan (41x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 7.53 W/kg

Ch110/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.193 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 29.0 W/kg
SAR(1 g) = 4.63 W/kg; SAR(10 g) = 0.899 W/kg
Maximum value of SAR (measured) = 15.8 W/kg



0 dB = 15.8 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2023/1/30

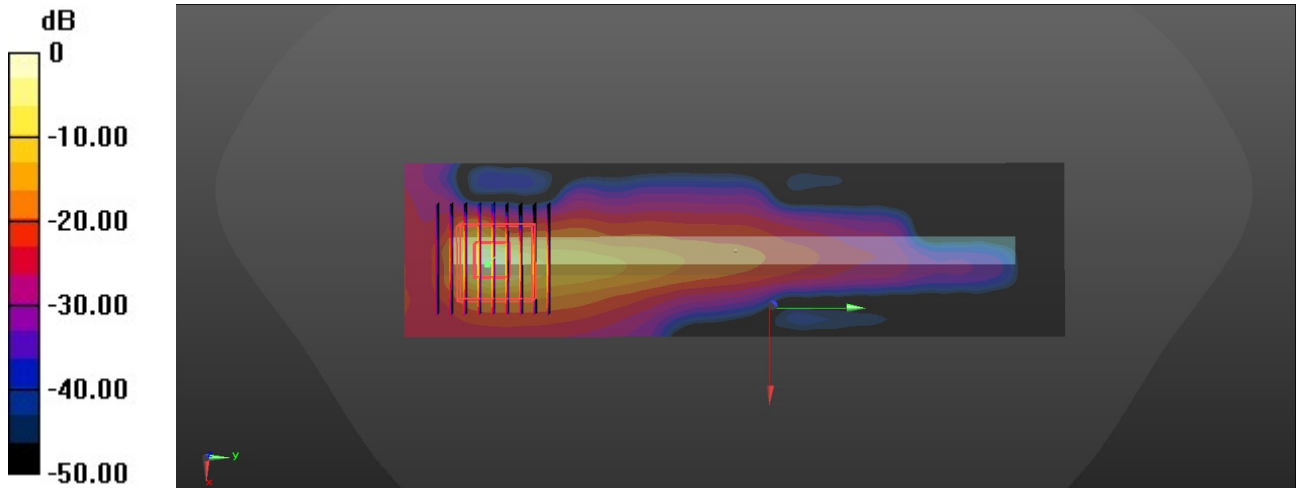
67_WLAN5GHz_802.11n-HT40 MCS0_Right Side_0mm_Ch151

Communication System: UID 0, WIFI (0); Frequency: 5755 MHz;Duty Cycle: 1:1.054
Medium: HSL_5750_230130 Medium parameters used: f = 5755 MHz; σ = 5.013 S/m; ε_r = 35.56; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(5.25, 5.25, 5.25); Calibrated: 2022/4/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2022/6/30
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch151/Area Scan (51x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 19.8 W/kg

Ch151/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.340 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 59.7 W/kg
SAR(1 g) = 9.26 W/kg; SAR(10 g) = 1.78 W/kg
Maximum value of SAR (measured) = 32.7 W/kg



0 dB = 32.7 W/kg