Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2023/8/10

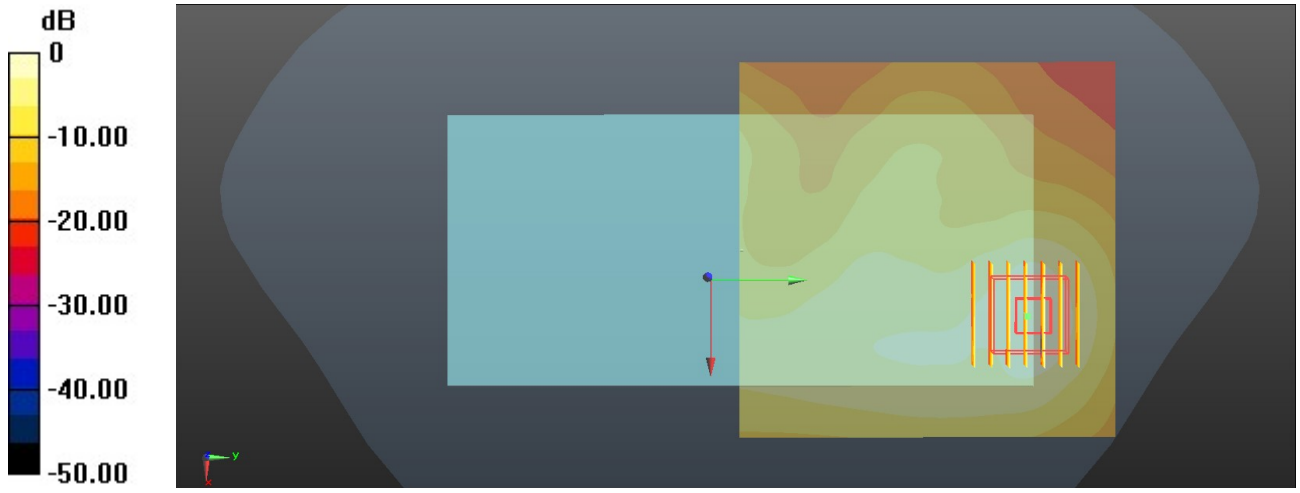
42_LTE Band 41_20M_QPSK_50RB_0Offset_Back_15mm_Ch40640

Communication System: UID 0, Generic LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_230810 Medium parameters used: f = 2595 MHz; σ = 1.909 S/m; ε_r = 38.506; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(7.83, 7.68, 7.74); Calibrated: 2023/4/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2023/6/6
- 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)

Ch40640/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.471 W/kg

Ch40640/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.524 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.616 W/kg
SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.120 W/kg
Maximum value of SAR (measured) = 0.464 W/kg



0 dB = 0.464 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2023/8/9

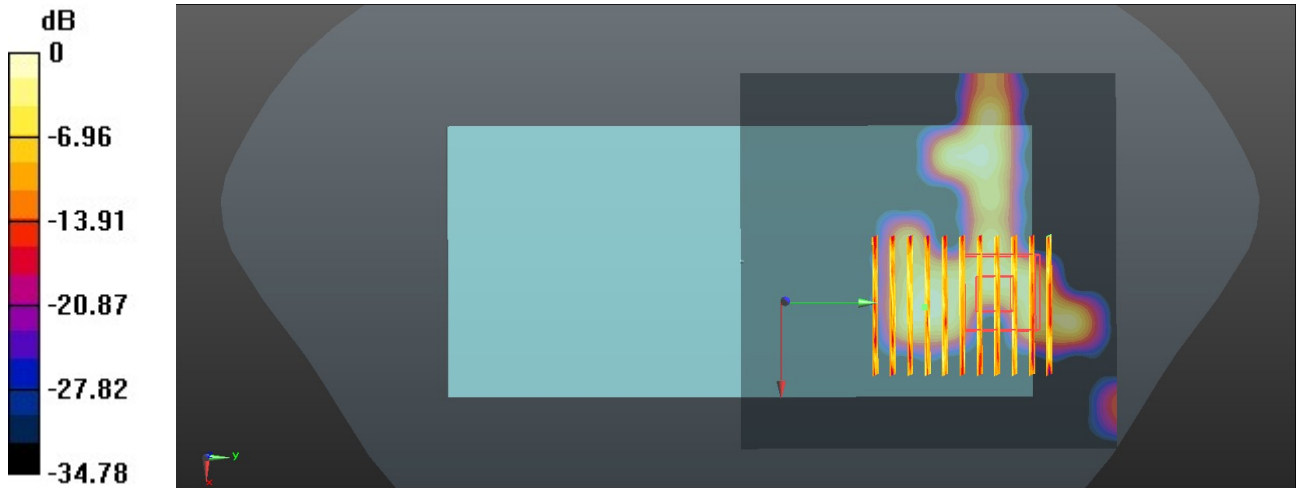
43_Bluetooth_DH5 1Mbps_Back_15mm_Ch78

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz;Duty Cycle: 1:1.303
Medium: HSL_2450_230809 Medium parameters used: f = 2480 MHz; σ = 1.848 S/m; ε_r = 39.393; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(7.99, 7.84, 7.88); Calibrated: 2023/4/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2023/6/6
- 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)

Ch78/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0458 W/kg

Ch78/Zoom Scan (9x11x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.416 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0480 W/kg
SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.0078 W/kg
Maximum value of SAR (measured) = 0.0482 W/kg



0 dB = 0.0482 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2023/8/8

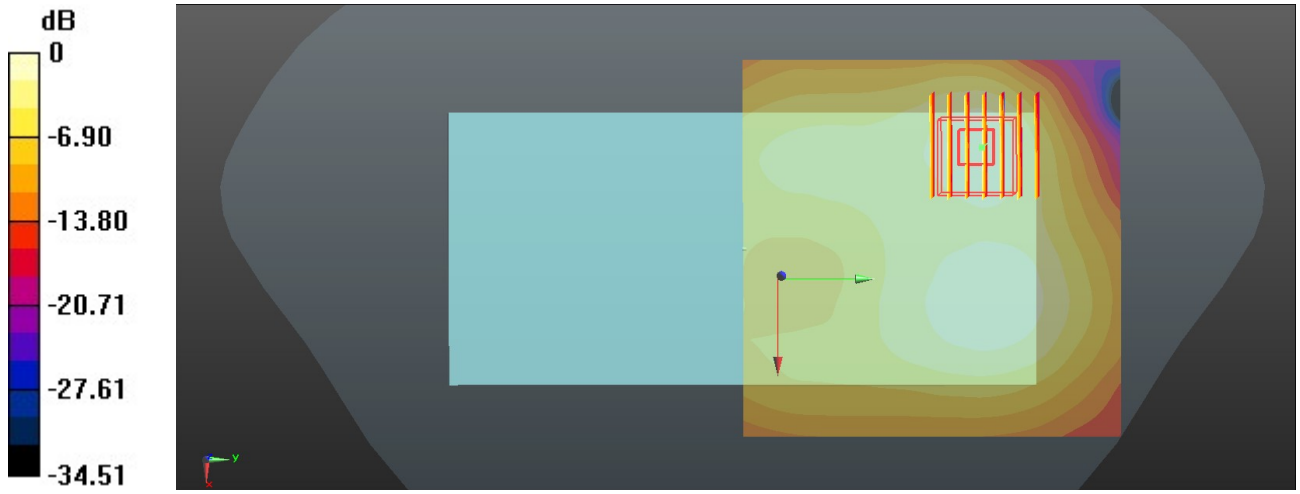
44_WLAN2.4GHz_802.11b 1Mbps_Back_15mm_Ch6

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1.006
Medium: HSL_2450_230808 Medium parameters used: f = 2437 MHz; σ = 1.815 S/m; ε_r = 39.448; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.64, 7.64, 7.64); Calibrated: 2023/6/6
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2022/12/28
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CB; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.14 (7483)

Ch6/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.143 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.201 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.177 W/kg
SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.040 W/kg
Maximum value of SAR (measured) = 0.139 W/kg



0 dB = 0.139 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2023/8/9

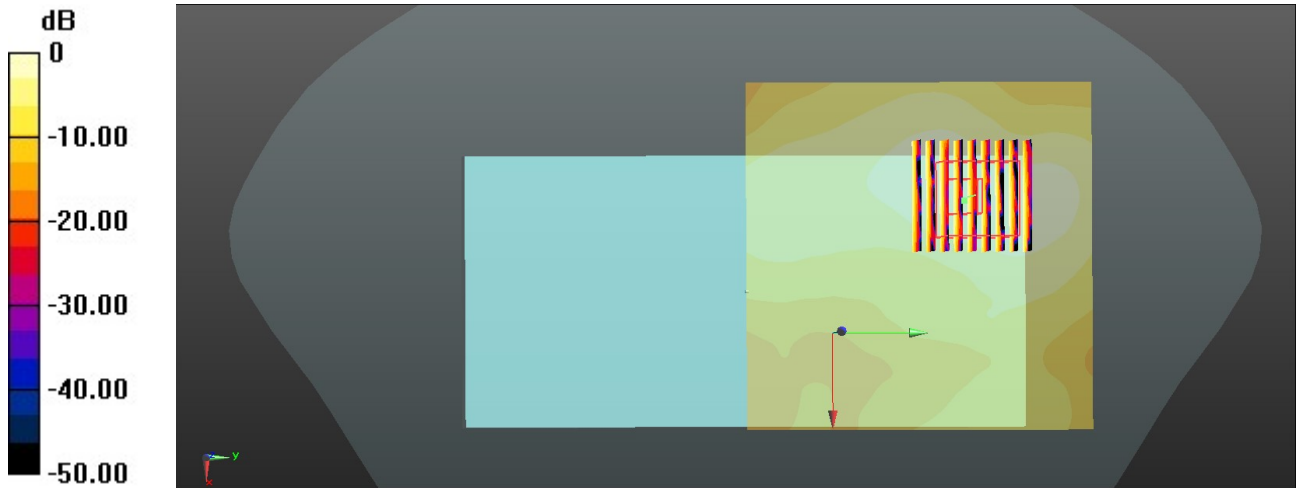
45_WLAN5GHz_802.11a_6Mbps_Back_15mm_Ch52

Communication System: UID 0, WIFI (0); Frequency: 5260 MHz;Duty Cycle: 1:1.033
Medium: HSL_5250_230809 Medium parameters used: f = 5260 MHz; σ = 4.511 S/m; ε_r = 35.951; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2023/6/6
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2022/12/28
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CB; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch52/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.600 W/kg

Ch52/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.184 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.954 W/kg
SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.596 W/kg



0 dB = 0.596 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2023/8/10

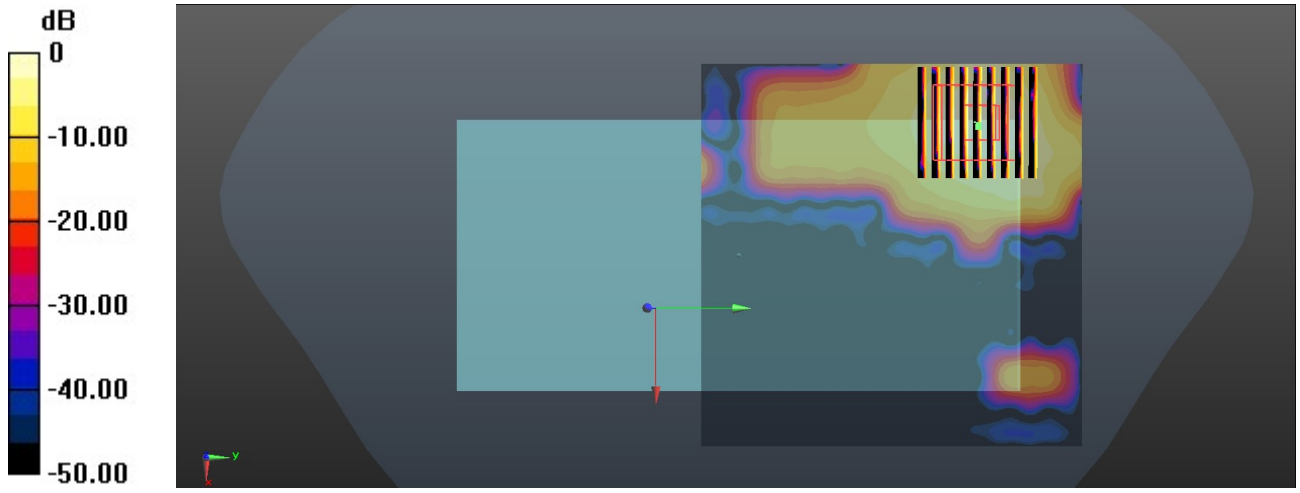
46_WLAN5GHz_802.11n-HT40 MCS0_Back_15mm_Ch110

Communication System: UID 0, WIFI (0); Frequency: 5550 MHz;Duty Cycle: 1:1.074
Medium: HSL_5600_230810 Medium parameters used: f = 5550 MHz; σ = 4.79 S/m; ε_r = 35.578; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.54, 4.54, 4.54); Calibrated: 2023/6/6
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2022/12/28
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CB; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch110/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.606 W/kg

Ch110/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.657 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.955 W/kg
SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.075 W/kg
Maximum value of SAR (measured) = 0.604 W/kg



0 dB = 0.604 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2023/8/11

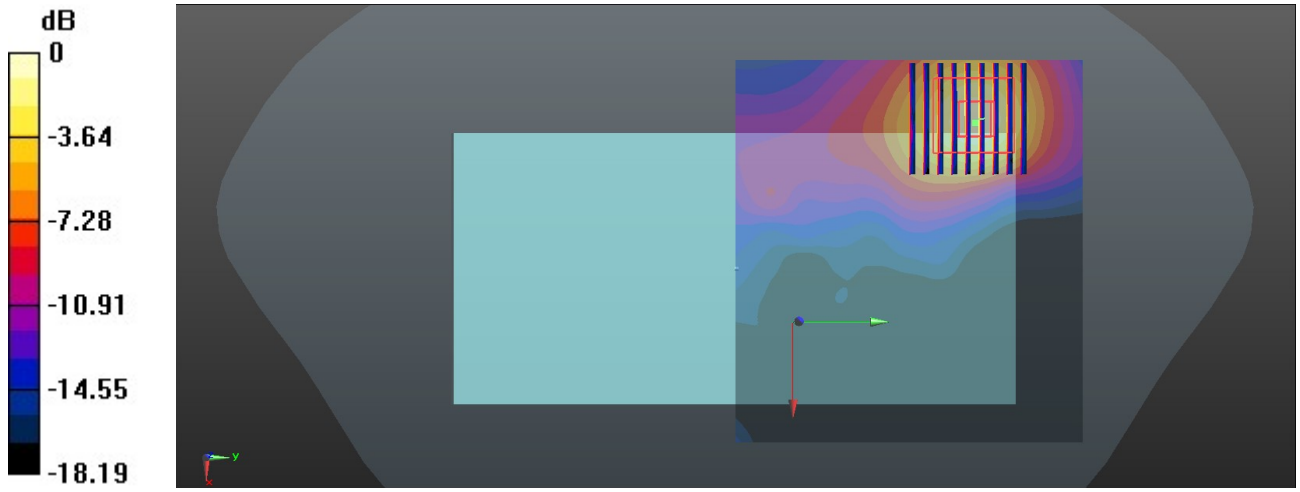
47_WLAN5GHz_802.11n-HT40 MCS0_Back_15mm_Ch159

Communication System: UID 0, WIFI (0); Frequency: 5795 MHz;Duty Cycle: 1:1.074
Medium: HSL_5750_230811 Medium parameters used: f = 5795 MHz; σ = 5.036 S/m; ε_r = 35.267; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.65, 4.65, 4.65); Calibrated: 2023/6/6
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2022/12/28
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CB; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch159/Area Scan (111x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Ch159/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.277 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.204 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2023/8/9

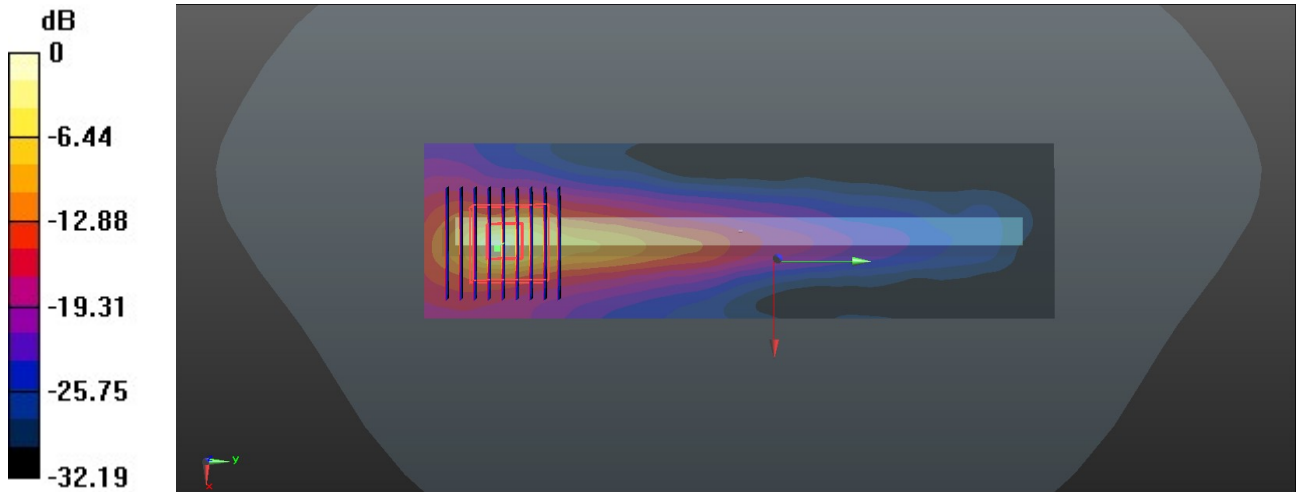
48_WLAN5GHz_802.11a_6Mbps_Right Side_0mm_Ch48

Communication System: UID 0, WIFI (0); Frequency: 5240 MHz;Duty Cycle: 1:1.033
Medium: HSL_5250_230809 Medium parameters used: f = 5240 MHz; σ = 4.485 S/m; ε_r = 35.981; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2023/6/6
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2022/12/28
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CB; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch48/Area Scan (51x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 17.9 W/kg

Ch48/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.67 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 48.4 W/kg
SAR(1 g) = 6.87 W/kg; SAR(10 g) = 1.43 W/kg
Maximum value of SAR (measured) = 22.3 W/kg



0 dB = 22.3 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2023/8/9

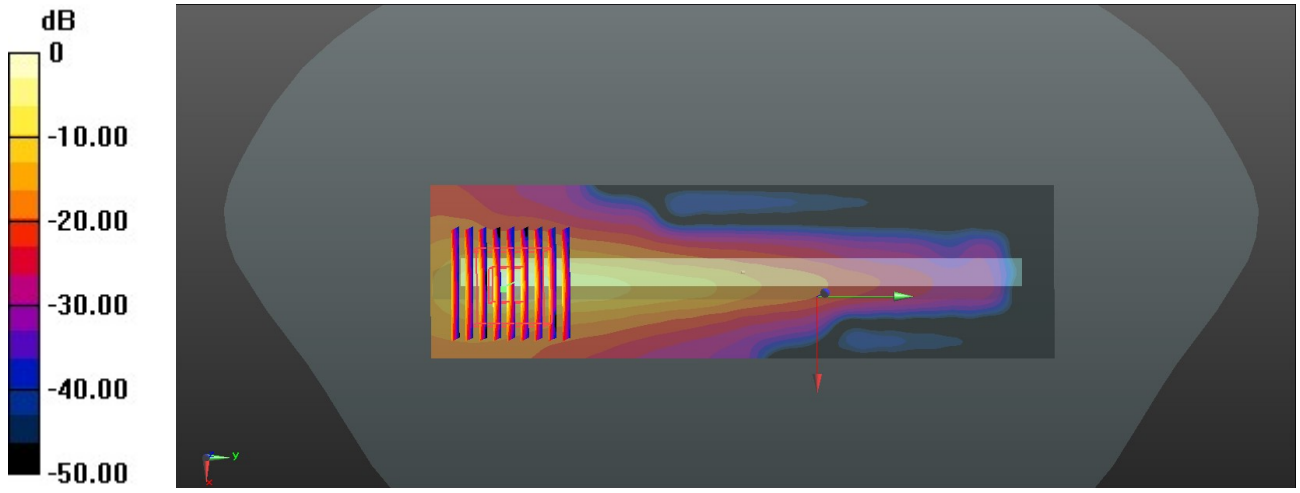
49_WLAN5GHz_802.11a_6Mbps_Right Side_0mm_Ch52

Communication System: UID 0, WIFI (0); Frequency: 5260 MHz;Duty Cycle: 1:1.033
Medium: HSL_5250_230809 Medium parameters used: f = 5260 MHz; σ = 4.511 S/m; ε_r = 35.951; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2023/6/6
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2022/12/28
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CB; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch52/Area Scan (51x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 20.3 W/kg

Ch52/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.1470 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 45.4 W/kg
SAR(1 g) = 6.56 W/kg; SAR(10 g) = 1.39 W/kg
Maximum value of SAR (measured) = 23.4 W/kg



0 dB = 23.4 W/kg

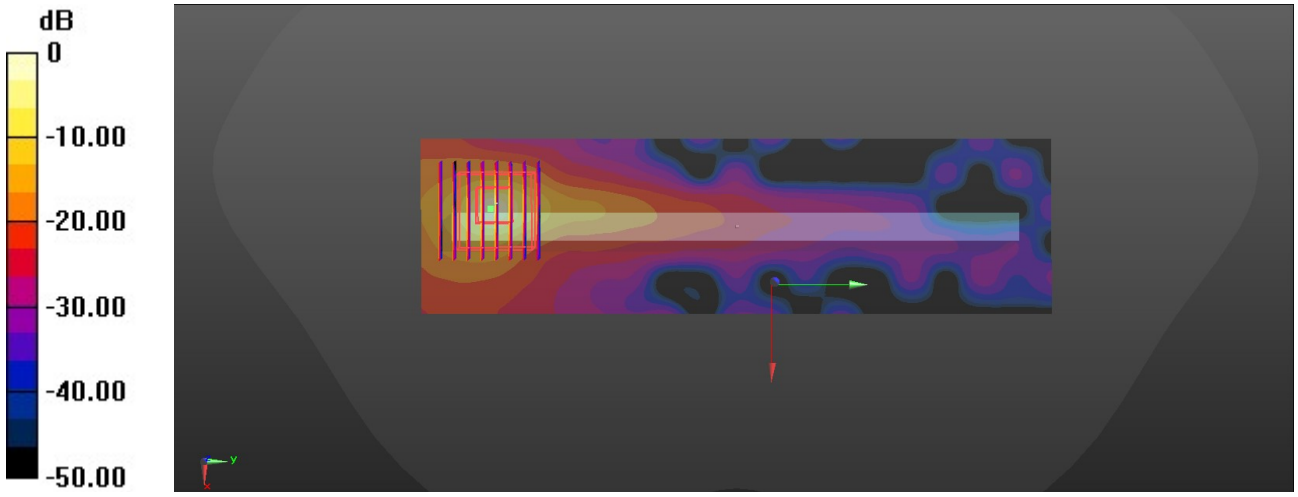
50_WLAN5GHz_802.11n HT40 MCS0_Right Side_0mm_Ch110

Communication System: UID 0, WIFI (0); Frequency: 5550 MHz;Duty Cycle: 1:1.074
Medium: HSL_5600_230814 Medium parameters used: f = 5550 MHz; σ = 5.078 S/m; ε_r = 35.93; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7641; ConvF(5.17, 5.05, 5.16); Calibrated: 2023/4/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2023/6/6
- 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 (51x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 17.9 W/kg

Ch110/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.160 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 38.4 W/kg
SAR(1 g) = 4.87 W/kg; SAR(10 g) = 0.896 W/kg
Maximum value of SAR (measured) = 19.6 W/kg



0 dB = 19.6 W/kg

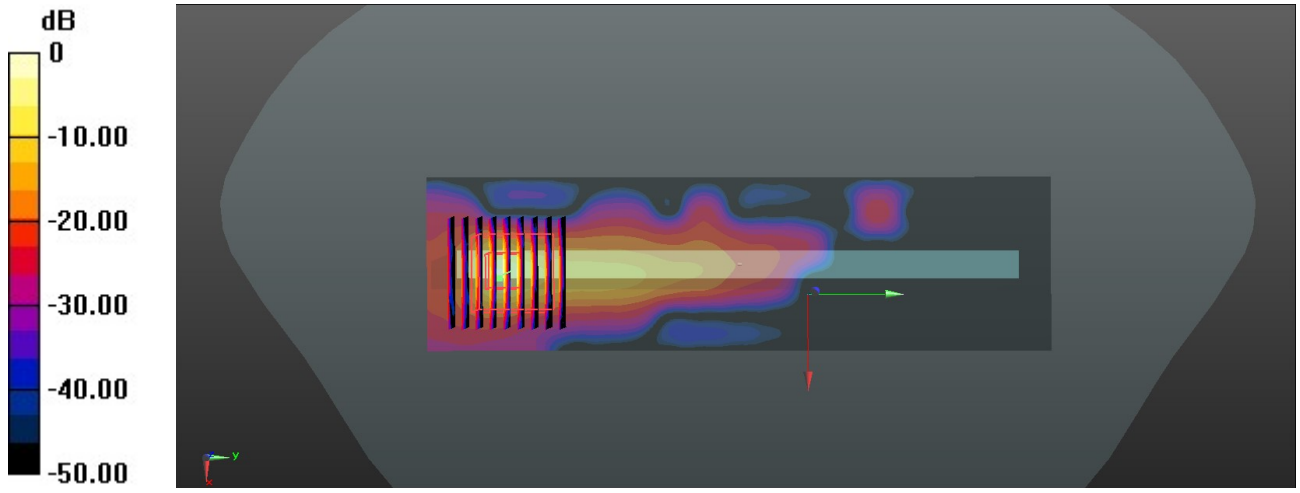
51_WLAN5GHz_802.11n-HT40 MCS0_Right Side_0mm_Ch159

Communication System: UID 0, WIFI (0); Frequency: 5795 MHz;Duty Cycle: 1:1.074
Medium: HSL_5750_230811 Medium parameters used: f = 5795 MHz; σ = 5.036 S/m; ε_r = 35.267; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.65, 4.65, 4.65); Calibrated: 2023/6/6
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2022/12/28
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CB; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch159/Area Scan (51x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 26.1 W/kg

Ch159/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.42 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 93.8 W/kg
SAR(1 g) = 10.1 W/kg; SAR(10 g) = 1.68 W/kg
Maximum value of SAR (measured) = 39.3 W/kg



0 dB = 39.3 W/kg