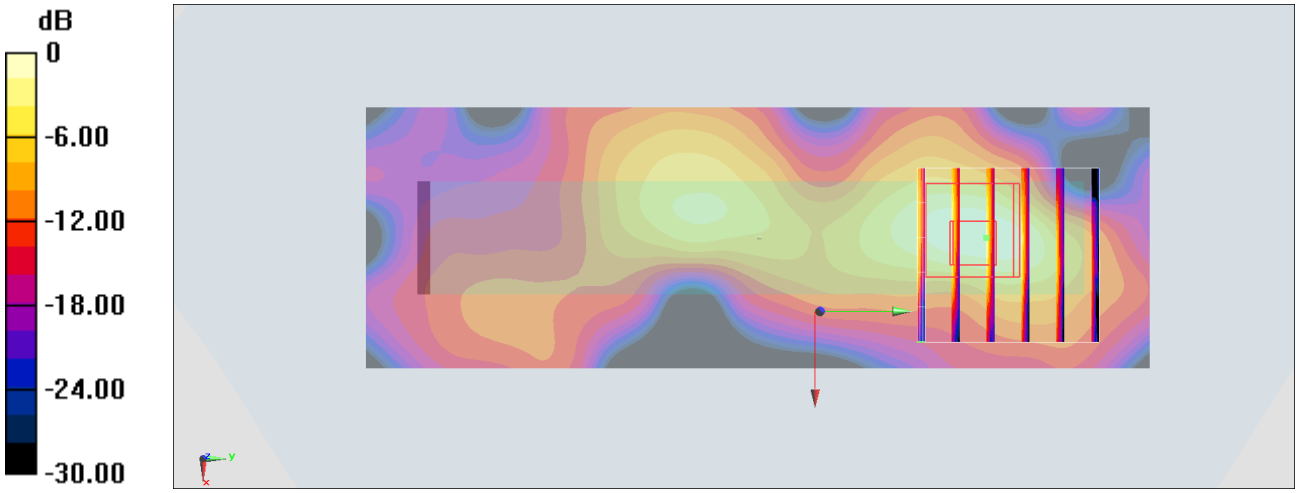
#01_CAT M1 LTE Band 2_20M_QPSK_3_3_Right Side_5mm_Ch18700

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_210424 Medium parameters used: f = 1860 MHz; σ = 1.361 S/m; ε_r = 39.852; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(8.06, 8.06, 8.06) @ 1860 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.052 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.839 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.084 W/kg
SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.015 W/kg
Maximum value of SAR (measured) = 0.057 W/kg



0 dB = 0.057 W/kg = -12.44 dBW/kg

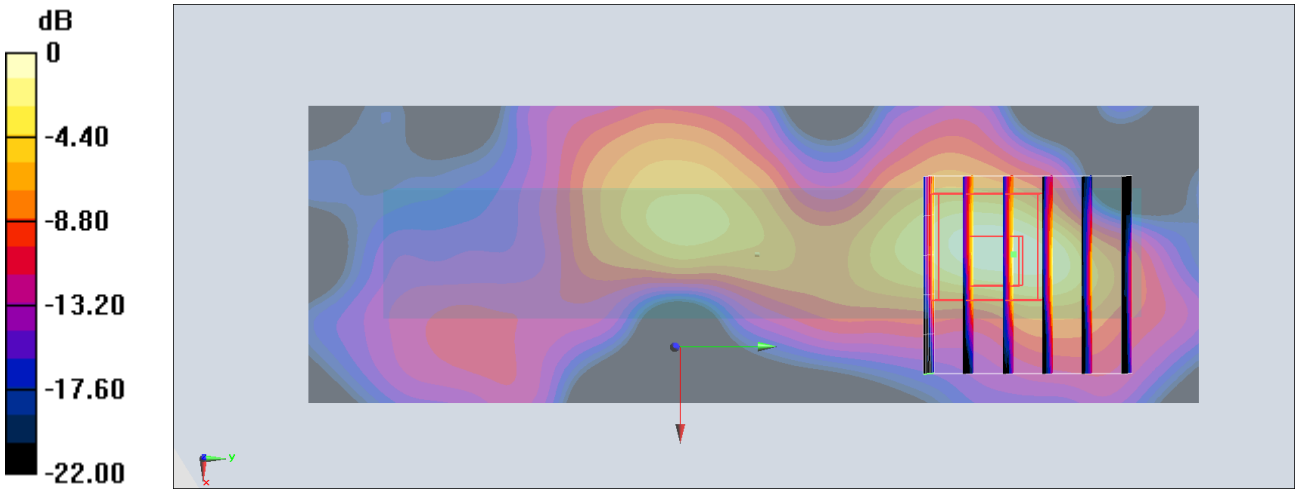
#02_CAT M1 LTE Band 4_20M_QPSK_3_3_Right Side_5mm_Ch20050

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL_1750_210424 Medium parameters used: f = 1720 MHz; σ = 1.337 S/m; ε_r = 40.452; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(8.35, 8.35, 8.35) @ 1720 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.037 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.38 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.06 W/kg
SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.041 W/kg



0 dB = 0.041 W/kg = -13.87 dBW/kg

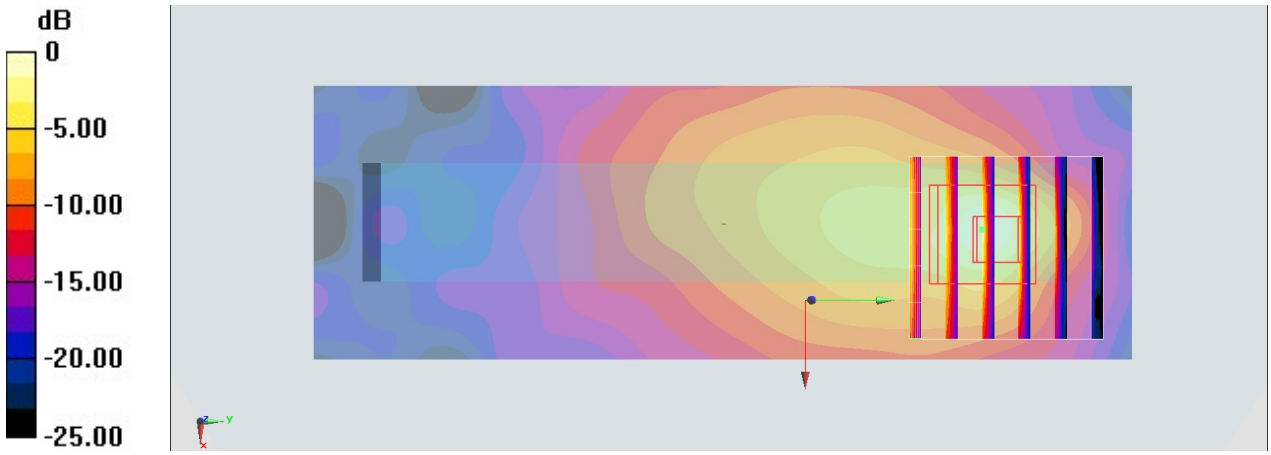
#03_CAT M1 LTE Band 12_5M_QPSK_3_3_Right Side_5mm_Ch23155

Communication System: LTE; Frequency: 713.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_210424 Medium parameters used: f = 713.5 MHz; σ = 0.858 S/m; ε_r = 43.08; ρ= 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306;ConvF(9.92, 9.92, 9.92) @ 713.5 MHz;Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.14 (7483)

Area Scan (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.103 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.279 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.202 W/kg
SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.107 W/kg



0 dB = 0.107 W/kg = -9.71 dBW/kg

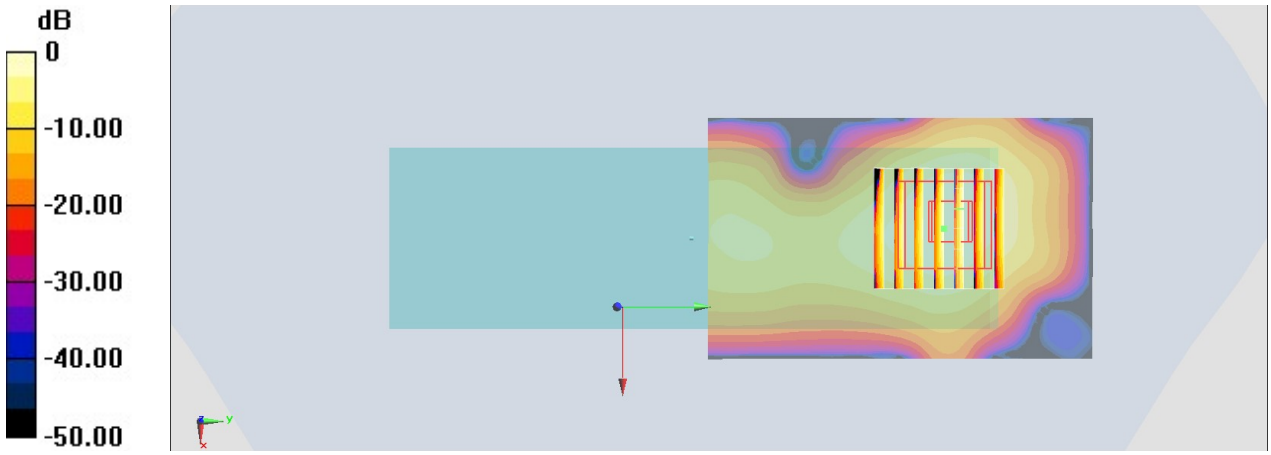
#04_WLAN2.4GHz_802.11b 1Mbps_Front_5mm_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.012
Medium: HSL_2450_210427 Medium parameters used: f = 2412 MHz; σ = 1.777 S/m; ε_r = 40.365; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(4.52, 4.52, 4.52) @ 2412 MHz;Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.107 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.823 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.153 W/kg
SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.036 W/kg
Maximum value of SAR (measured) = 0.0988 W/kg



0 dB = 0.0988 W/kg = -10.05 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2021/4/27

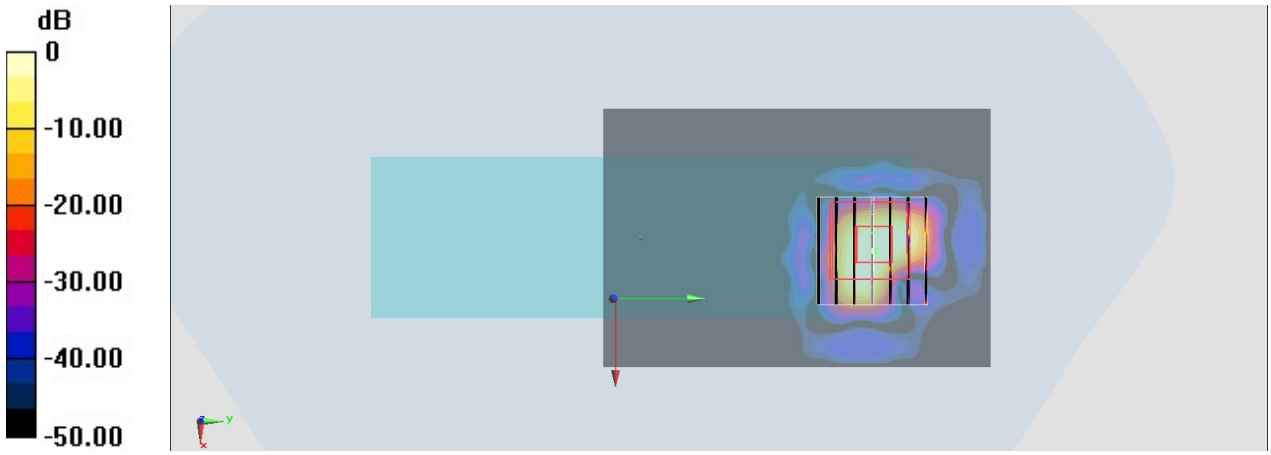
#05_Bluetooth_LE-1Mbps_Front_5mm_Ch00

Communication System: Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1.316
Medium: HSL_2450_210427 Medium parameters used: f = 2402 MHz; σ = 1.767 S/m; ε_r = 40.402; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(4.52, 4.52, 4.52) @ 2402 MHz;Calibrated: 2020/5/27
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.00588 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0170 W/kg
SAR(1 g) = 0.00293 W/kg; SAR(10 g) = 0.000704 W/kg
Maximum value of SAR (measured) = 0.00395 W/kg



0 dB = 0.00395 W/kg = -24.03 dBW/kg