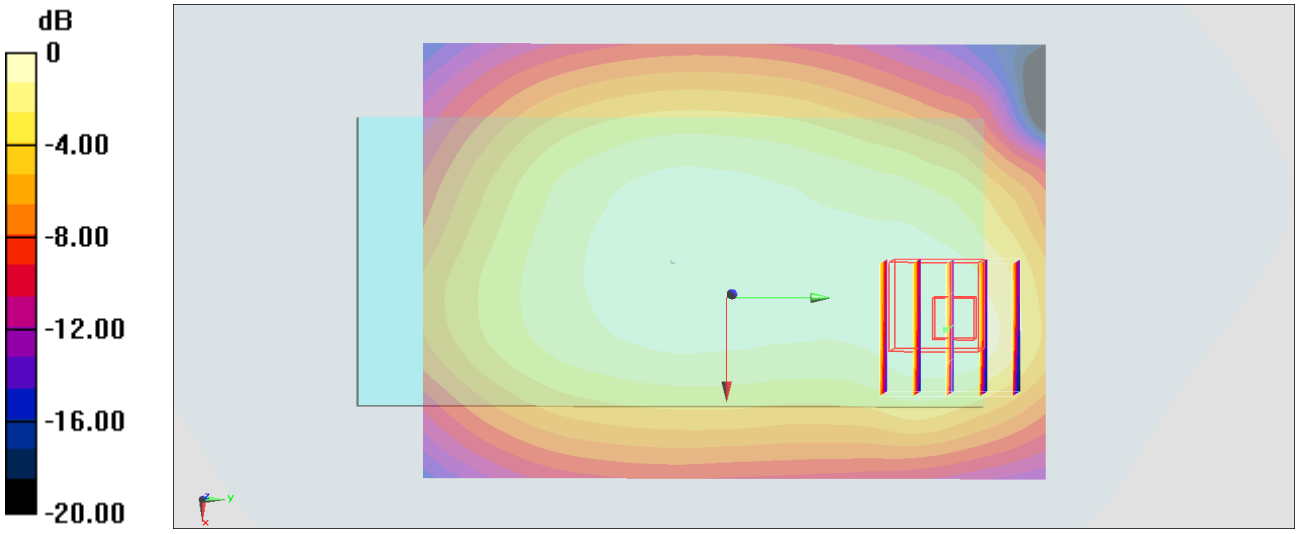
#42_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch189;Ant 1;DSI7

Communication System: GSM850 ; Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_191208 Medium parameters used : f = 836.4 MHz; σ = 0.882 S/m; ε_r = 41.034; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(9.36, 9.36, 9.36) @ 836.4 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.599 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.03 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.723 W/kg
SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.256 W/kg
Maximum value of SAR (measured) = 0.572 W/kg



0 dB = 0.599 W/kg = -2.23 dBW/kg

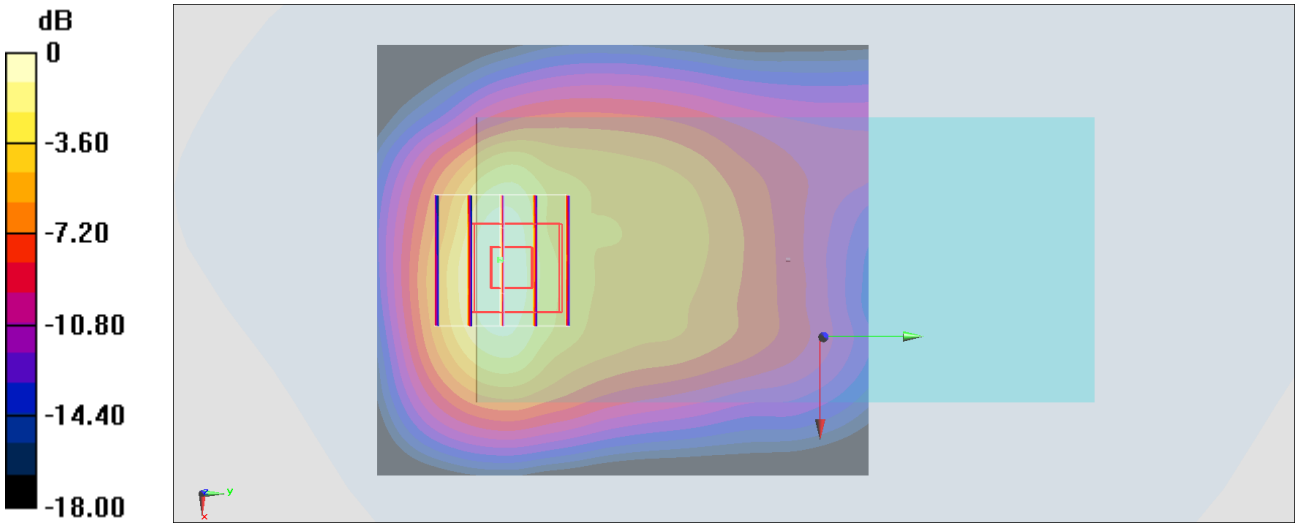
#43_GSM1900_GPRS (4 Tx slots)_Back_10mm_Ch512

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_191105 Medium parameters used: f = 1850.2 MHz; σ = 1.409 S/m; ε_r = 40.296; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15) @ 1850.2 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.993 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.05 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.308 W/kg
Maximum value of SAR (measured) = 0.873 W/kg



0 dB = 0.993 W/kg = -0.03 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2019/11/4

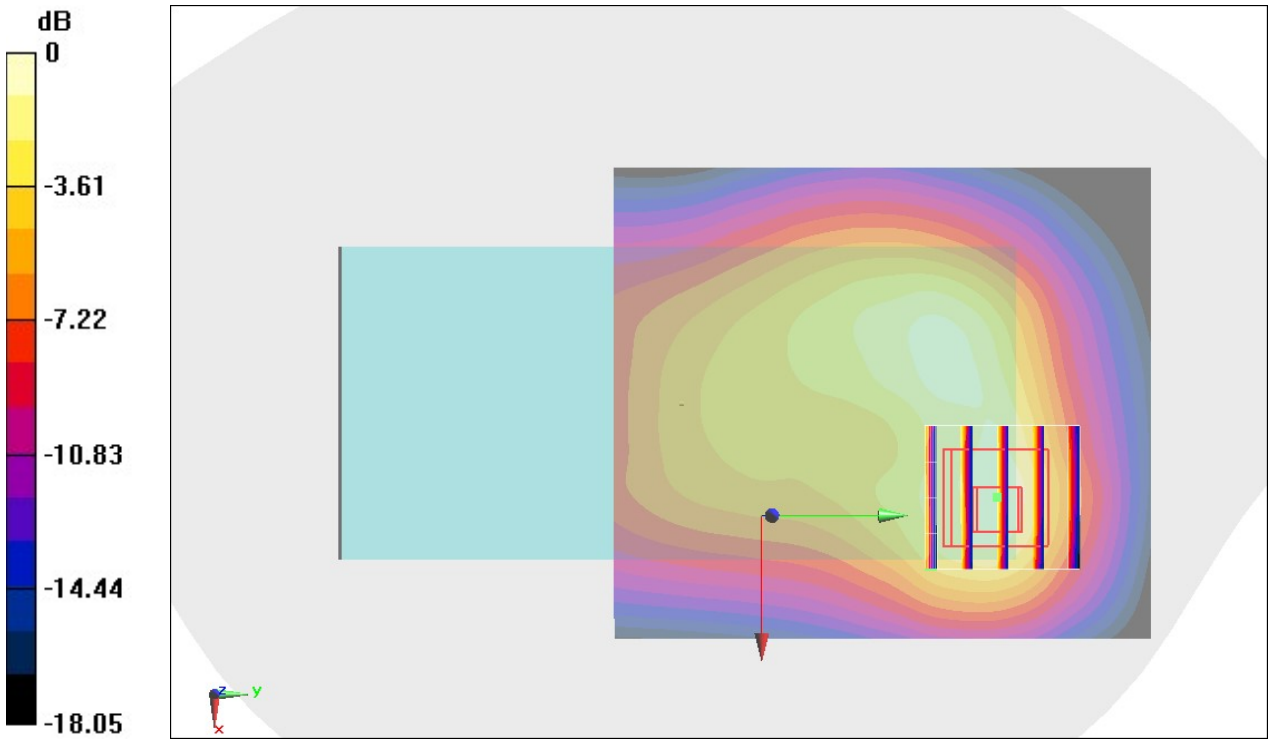
#44_WCDMA II_RMC 12.2Kbps_Back_10mm_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_191104 Medium parameters used: f = 1908 MHz; σ = 1.406 S/m; ε_r = 40.774; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270;ConvF(5.2, 5.2, 5.2) @ 1907.6 MHz;Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.86 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.405 W/kg
Maximum value of SAR (measured) = 0.887 W/kg



0 dB = 1.02 W/kg = 0.10 dBW/kg

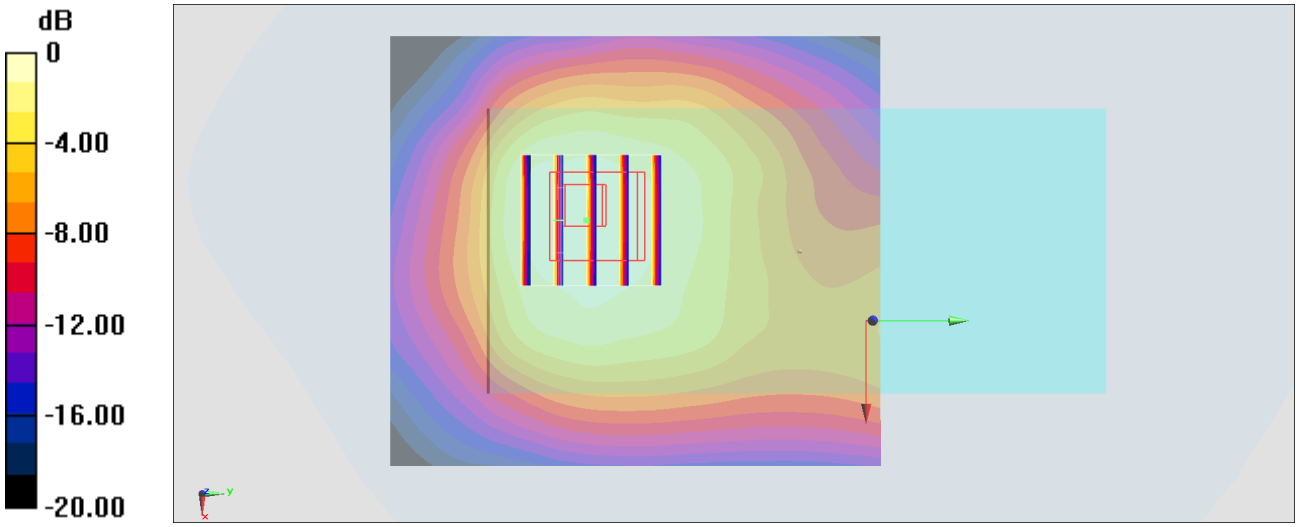
#45_WCDMA IV_RMC 12.2Kbps_Front_10mm_Ch1312

Communication System: WCDMA; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: HSL_1750_191104 Medium parameters used : f = 1712.4 MHz; σ = 1.306 S/m; ε_r = 41.245; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(8.51, 8.51, 8.51) @ 1712.4 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.693 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.68 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.859 W/kg
SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.252 W/kg
Maximum value of SAR (measured) = 0.650 W/kg



0 dB = 0.693 W/kg = -1.59 dBW/kg

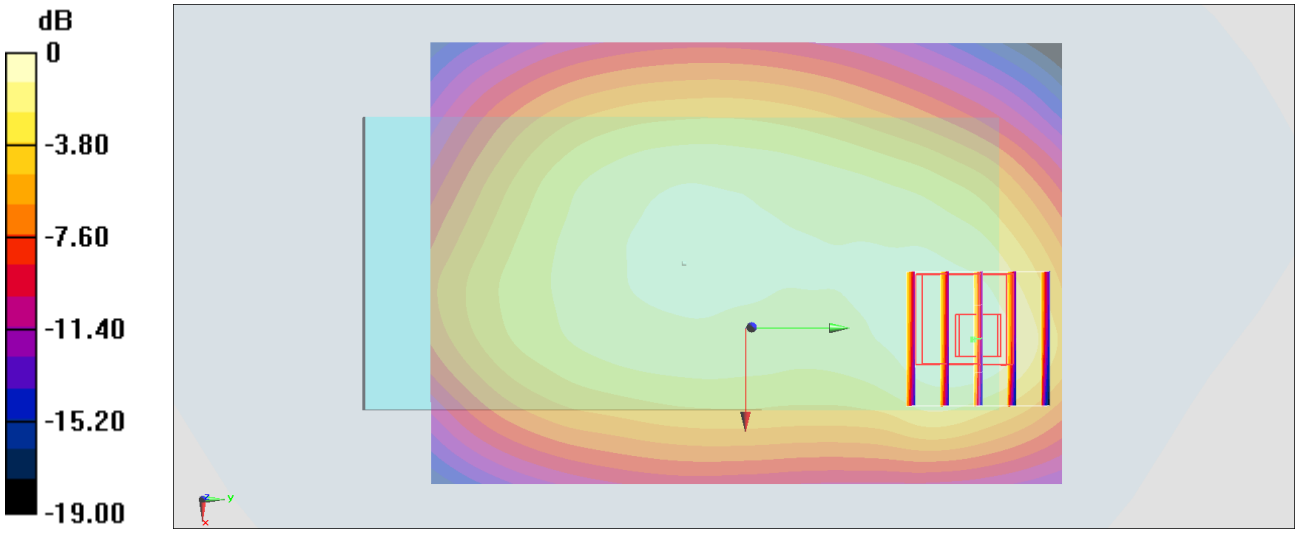
#46_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4233;Ant 1;DSI7

Communication System: WCDMA ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_850_191209 Medium parameters used: f = 847 MHz; σ = 0.921 S/m; ε_r = 43.265; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(9.36, 9.36, 9.36) @ 846.6 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.541 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.13 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.777 W/kg
SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.256 W/kg
Maximum value of SAR (measured) = 0.608 W/kg



0 dB = 0.541 W/kg = -2.67 dBW/kg

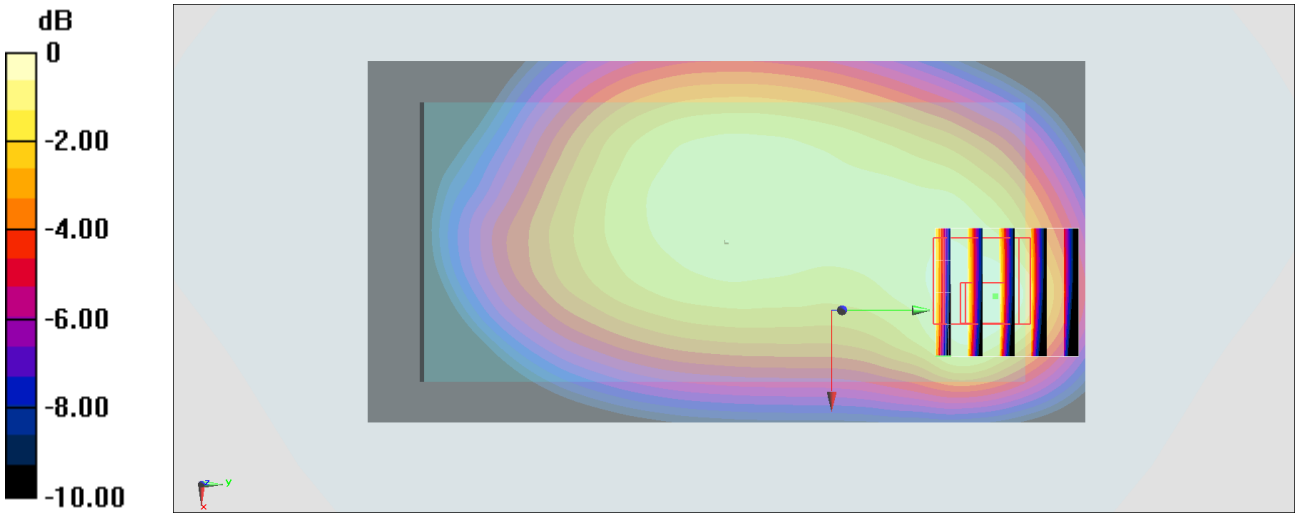
#47_CDMA2000 BC0_1xRTT RC3 SO32 _Back_10mm_Ch384;Ant 1_DSI 7

Communication System:CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: HSL_850_191208 Medium parameters used: f = 837 MHz; σ = 0.885 S/m; ε_r = 42.531; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(9.73, 9.73, 9.73) @ 836.52 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.559 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.46 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.709 W/kg
SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.273 W/kg
Maximum value of SAR (measured) = 0.563 W/kg



0 dB = 0.563 W/kg = -2.49 dBW/kg

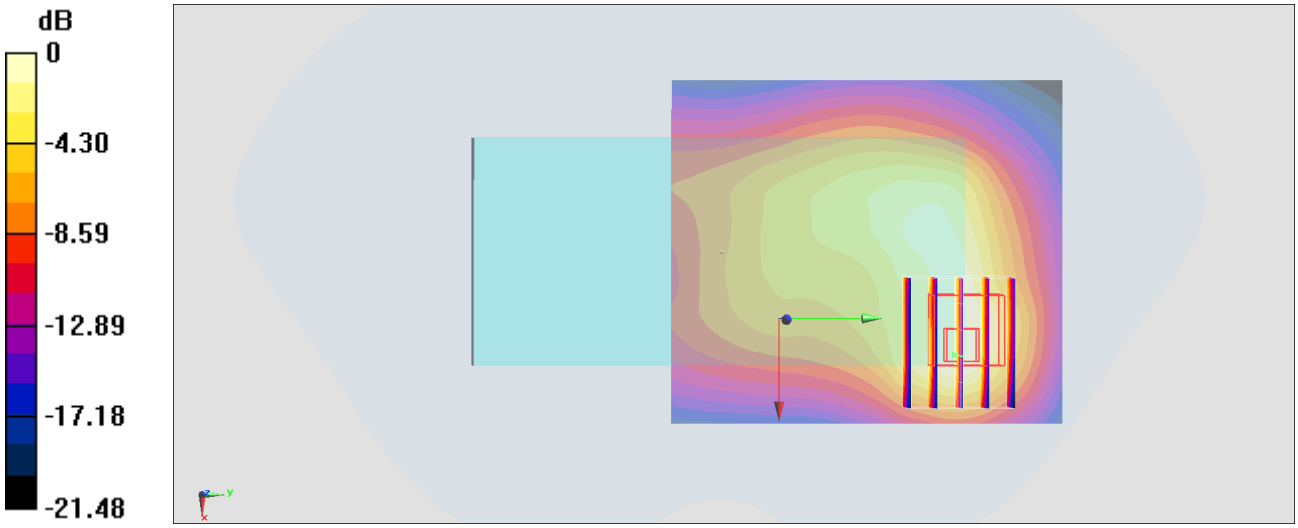
#48_CDMA BC1_RC3 SO32_Back_10mm_Ch1175

Communication System: CDMA; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900_191029 Medium parameters used: f = 1909 MHz; σ = 1.394 S/m; ε_r = 40.35; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15) @ 1908.75 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.938 W/kg

Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.81 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.309 W/kg
Maximum value of SAR (measured) = 0.900 W/kg



0 dB = 0.938 W/kg = -0.28 dBW/kg

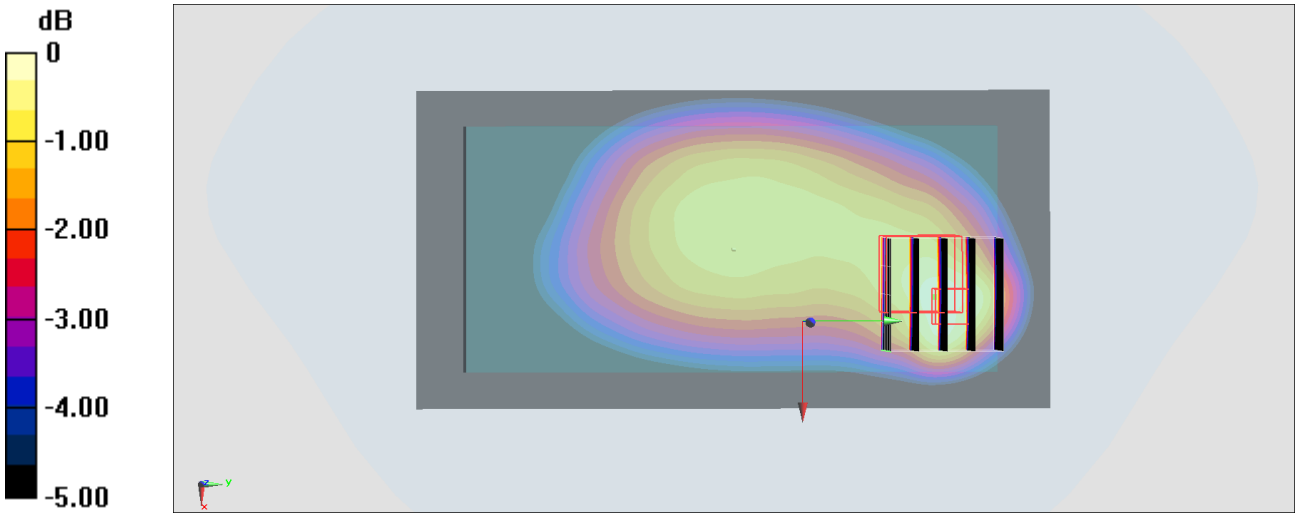
#49_CDMA2000 BC10_1xRTT RC3 SO32 _Back_10mm_Ch580;Ant 1_DSI 7

Communication System:CDMA; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_191208 Medium parameters used (interpolated): f = 820.5 MHz; σ = 0.87 S/m; ε_r = 42.735; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(9.73, 9.73, 9.73) @ 820.5 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.533 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.41 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.674 W/kg
SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.265 W/kg
Maximum value of SAR (measured) = 0.547 W/kg



0 dB = 0.547 W/kg = -2.62 dBW/kg

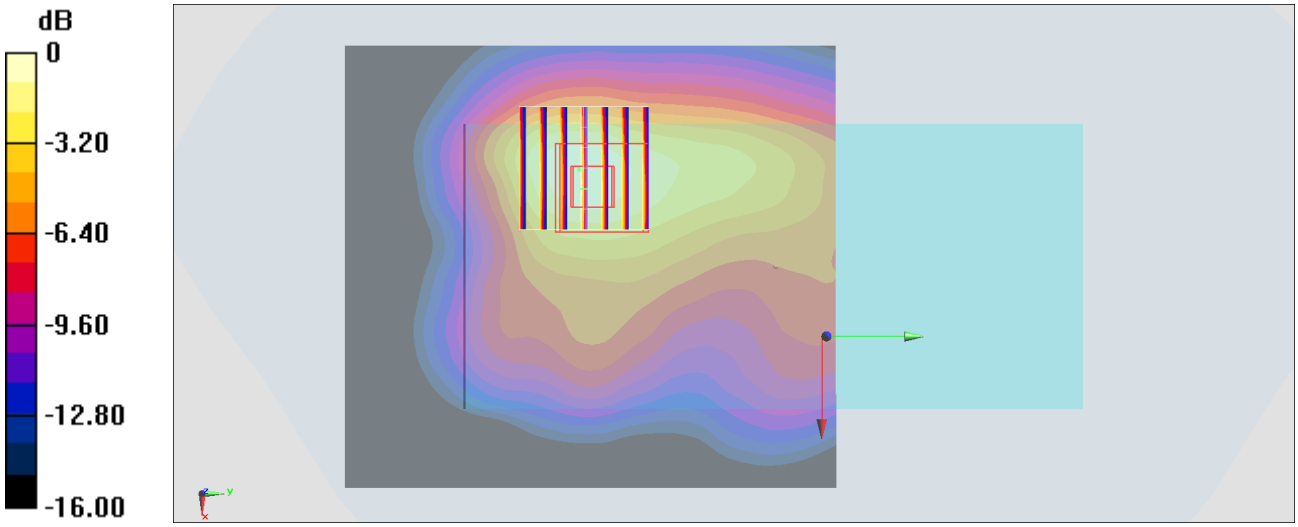
#50_LTE Band 7_20M_QPSK_1_0_Back_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_191106 Medium parameters used: f = 2560 MHz; σ = 1.927 S/m; ε_r = 39.403; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(7.3, 7.3, 7.3) @ 2560 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.71 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.67 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 0.970 W/kg; SAR(10 g) = 0.512 W/kg
Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.71 W/kg = 2.33 dBW/kg

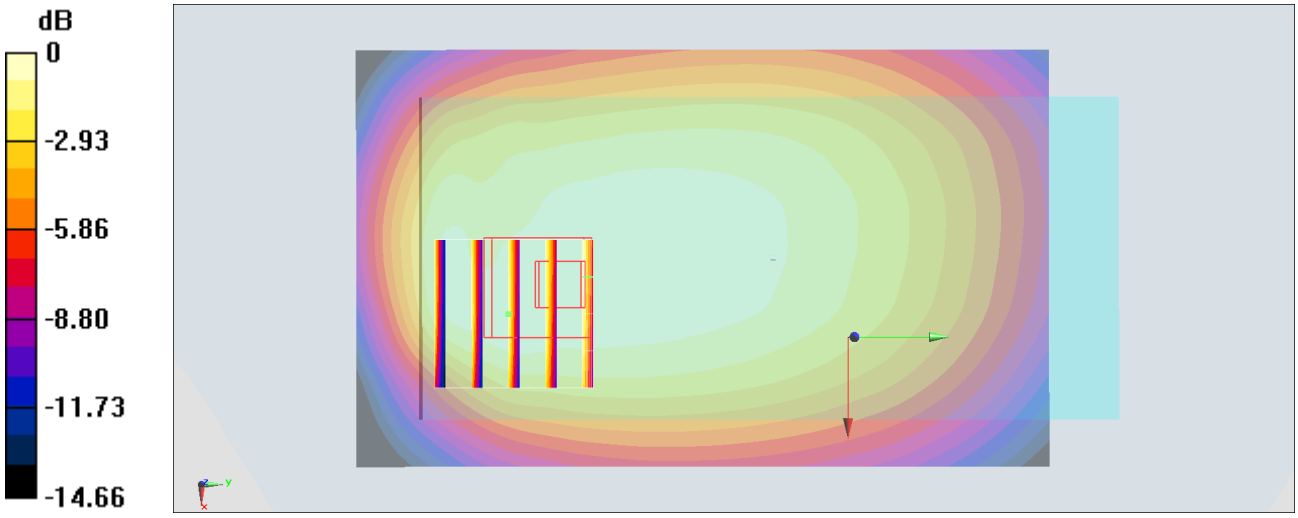
#51_LTE Band 12_10M_QPSK_1_0_Back_10mm_Ch23095;Ant 0_DSI 7

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_191210 Medium parameters used : f = 707.5 MHz; σ = 0.857 S/m; ε_r = 43.156; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(9.97, 9.97, 9.97) @ 707.5 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.430 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.03 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.504 W/kg
SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.222 W/kg
Maximum value of SAR (measured) = 0.416 W/kg



0 dB = 0.416 W/kg = -3.81 dBW/kg

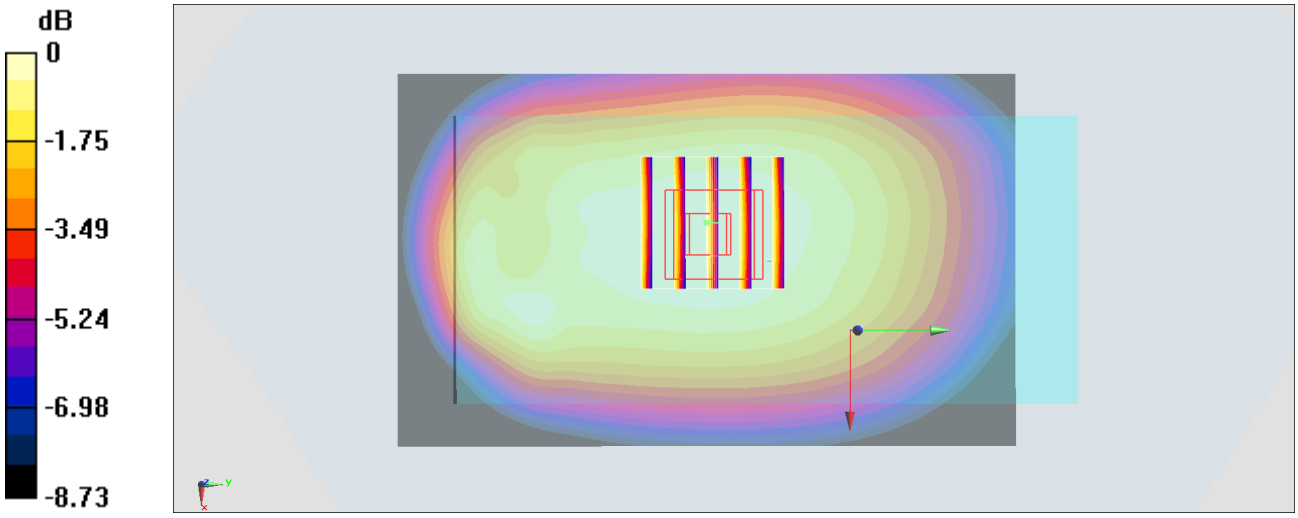
#52_LTE Band 13_10M_QPSK_1_0_Back_10mm_Ch23230;Ant 0_DSI 7

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_191210 Medium parameters used: f = 782 MHz; σ = 0.909 S/m; ε_r = 42.406; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(9.97, 9.97, 9.97) @ 782 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.411 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.02 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.447 W/kg
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.280 W/kg
Maximum value of SAR (measured) = 0.418 W/kg



0 dB = 0.418 W/kg = -3.79 dBW/kg

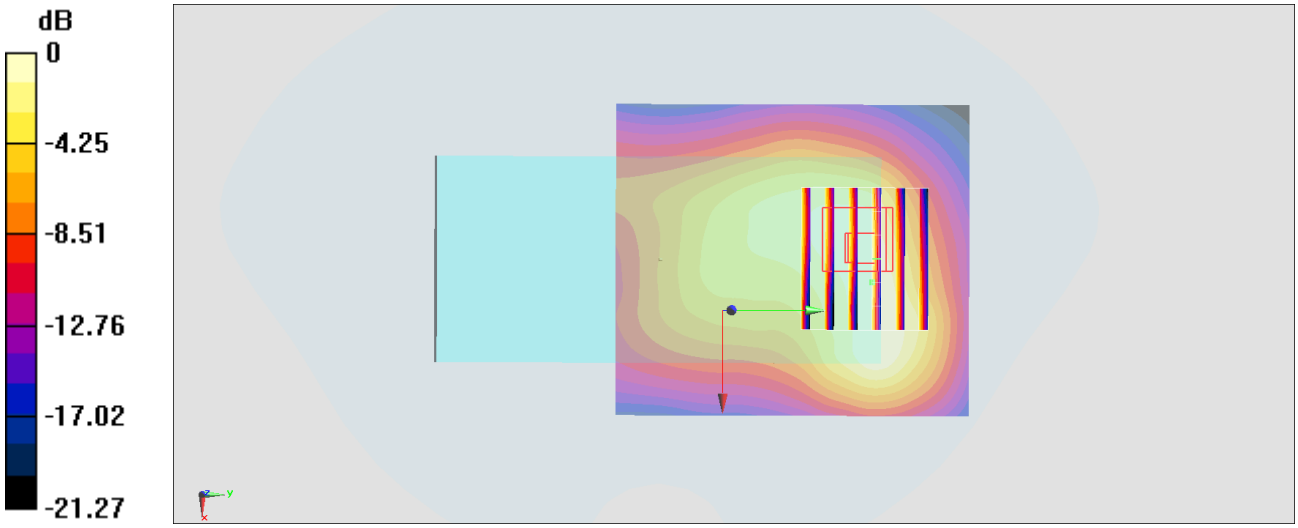
#53_LTE Band 25_20M_QPSK_1_0_Back_10mm_Ch26140

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_191029 Medium parameters used: f = 1860 MHz; σ = 1.347 S/m; ε_r = 40.533; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15) @ 1860 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.743 W/kg

Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.97 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.930 W/kg
SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.301 W/kg
Maximum value of SAR (measured) = 0.748 W/kg



0 dB = 0.743 W/kg = -1.29 dBW/kg

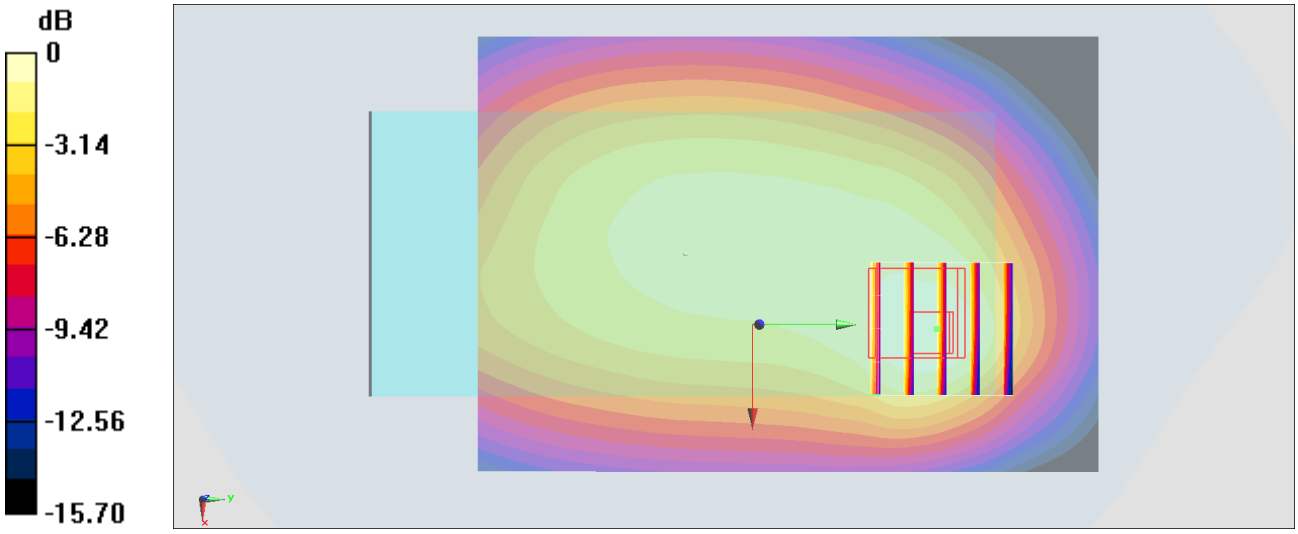
#54_LTE Band 26_15M_QPSK_1_0_Back_10mm_Ch26865;Ant 1

Communication System: LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_191208 Medium parameters used : f = 831.5 MHz; σ = 0.88 S/m; ε_r = 42.6; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 831.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.642 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.50 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.794 W/kg
SAR(1 g) = 0.470 W/kg; SAR(10 g) = 0.307 W/kg
Maximum value of SAR (measured) = 0.644 W/kg



0 dB = 0.644 W/kg = -1.91 dBW/kg

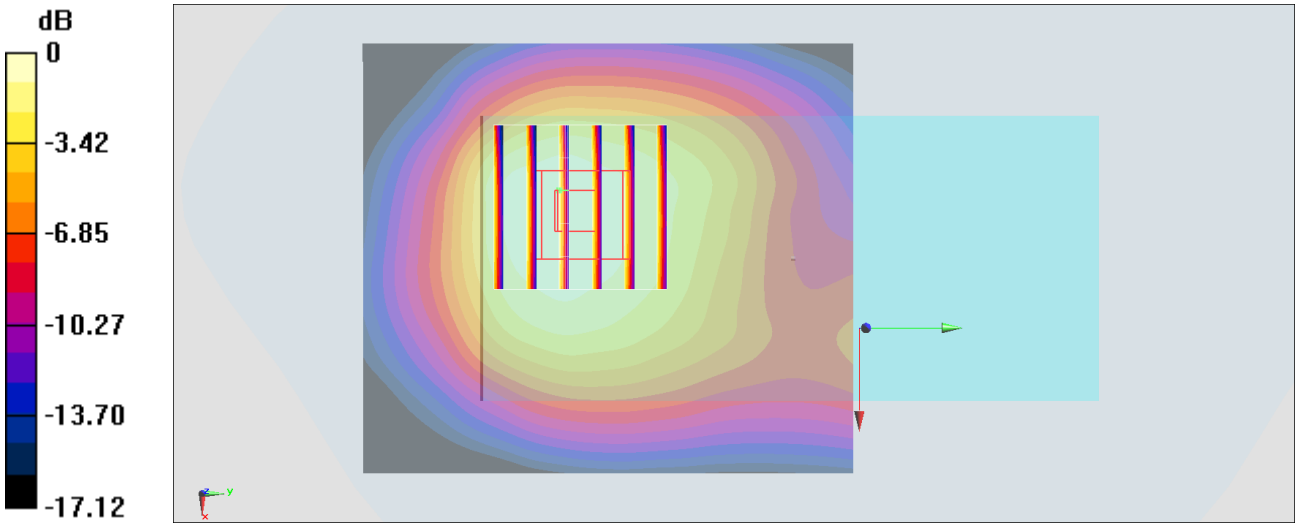
#55_LTE Band 66_20M_QPSK_1_0_Front_10mm_Ch132322

Communication System: LTE; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750_191030 Medium parameters used: f = 1745 MHz; σ = 1.347 S/m; ε_r = 40.757; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(8.51, 8.51, 8.51) @ 1745 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.922 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.98 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.401 W/kg
Maximum value of SAR (measured) = 0.884 W/kg



0 dB = 0.922 W/kg = -0.35 dBW/kg

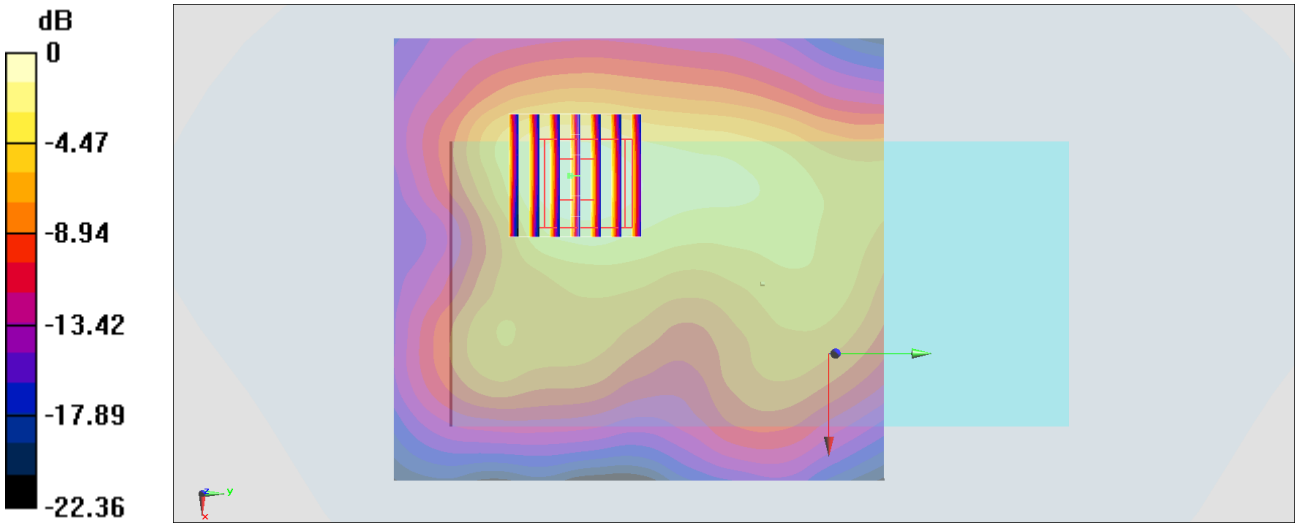
#56_LTE Band 38_20M_QPSK_1_0_Back_10mm_Ch38000

Communication System: LTE ; Frequency: 2595 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_191107 Medium parameters used: f = 2595 MHz; σ = 1.963 S/m; ε_r = 39.128; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(7.3, 7.3, 7.3) @ 2595 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.714 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.10 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.950 W/kg
SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.224 W/kg
Maximum value of SAR (measured) = 0.735 W/kg



0 dB = 0.714 W/kg = -1.46 dBW/kg

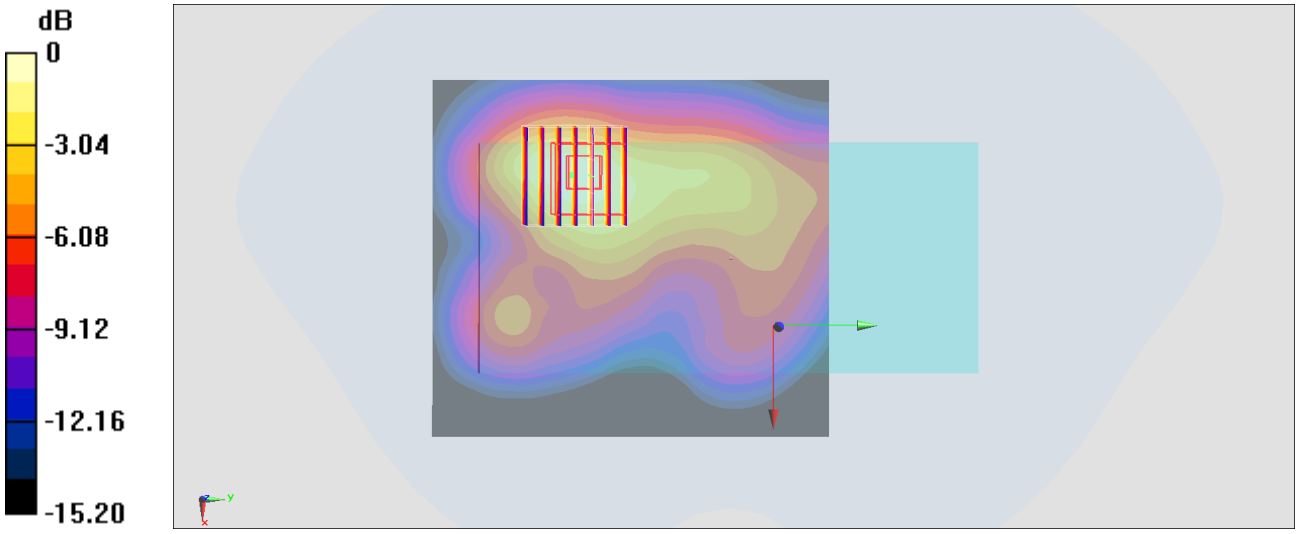
#57_LTE Band 41_20M_QPSK_1_0_Back_10mm_Ch41490;Ant 2;DSI7

Communication System: LTE ; Frequency: 2680 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_191206 Medium parameters used: f = 2680 MHz; σ = 2.021 S/m; ε_r = 38.082; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(6.94, 6.94, 6.94) @ 2680 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.27 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.00 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.390 W/kg
Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

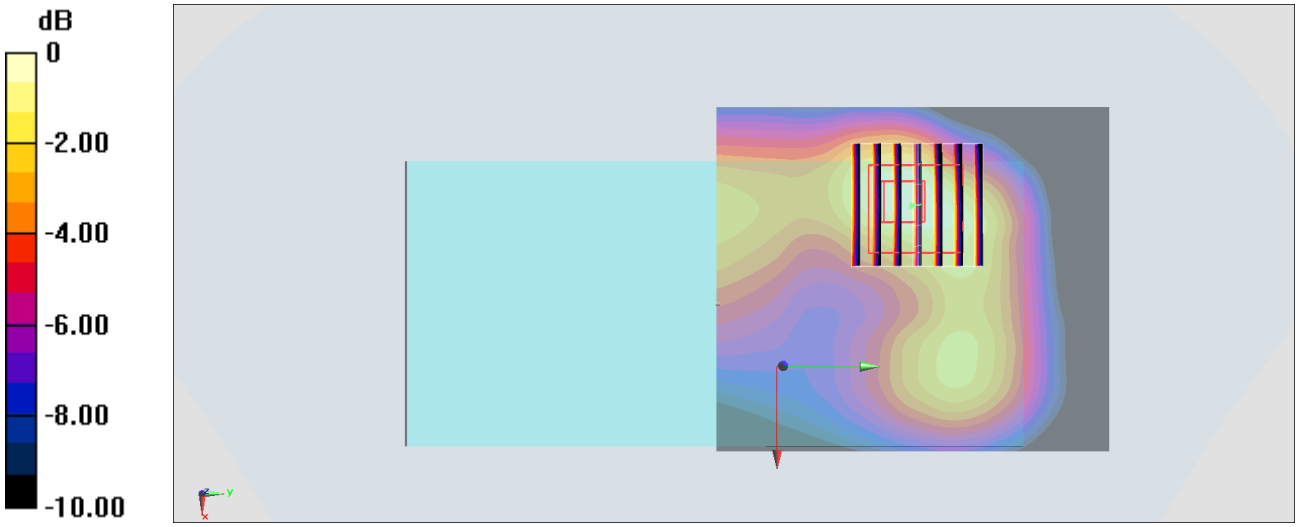
#58_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch11

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_191103 Medium parameters used: f = 2462 MHz; σ = 1.784 S/m; ε_r = 38.526; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(7.32, 7.32, 7.32) @ 2462 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.637 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.62 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.820 W/kg
SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.183 W/kg
Maximum value of SAR (measured) = 0.627 W/kg



0 dB = 0.637 W/kg = -1.96 dBW/kg

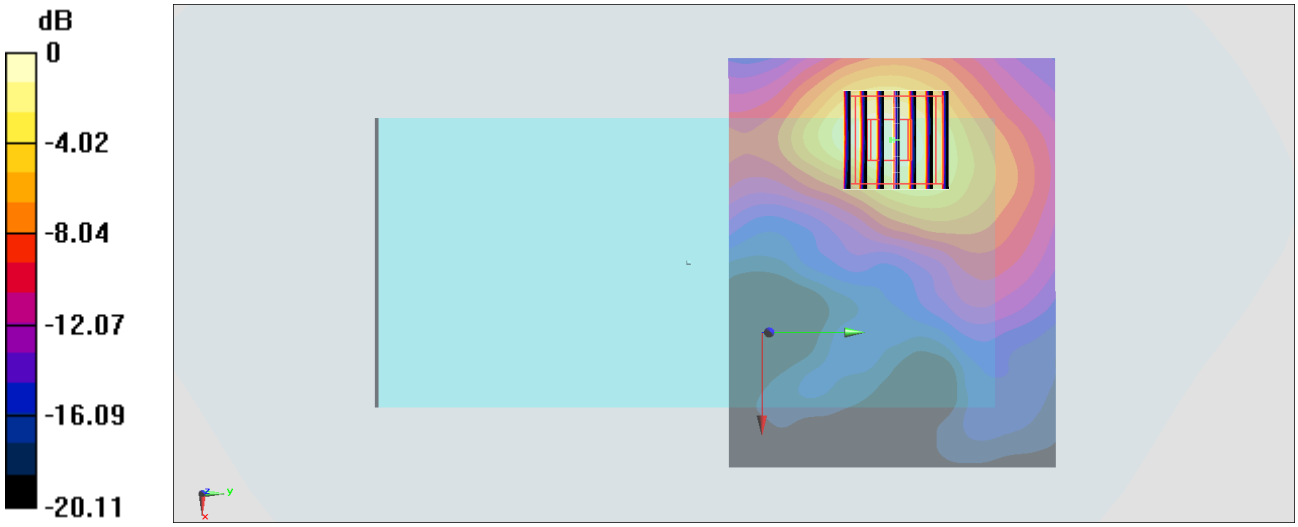
#59_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch54

Communication System: 802.11n; Frequency: 5270 MHz;Duty Cycle: 1:1.042
Medium: HSL_5G_191112 Medium parameters used: f = 5270 MHz; σ = 4.866 S/m; ε_r = 35.447; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5270 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (101x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.87 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.82 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.95 W/kg
SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.319 W/kg
Maximum value of SAR (measured) = 1.87 W/kg



0 dB = 1.87 W/kg = 2.72 dBW/kg

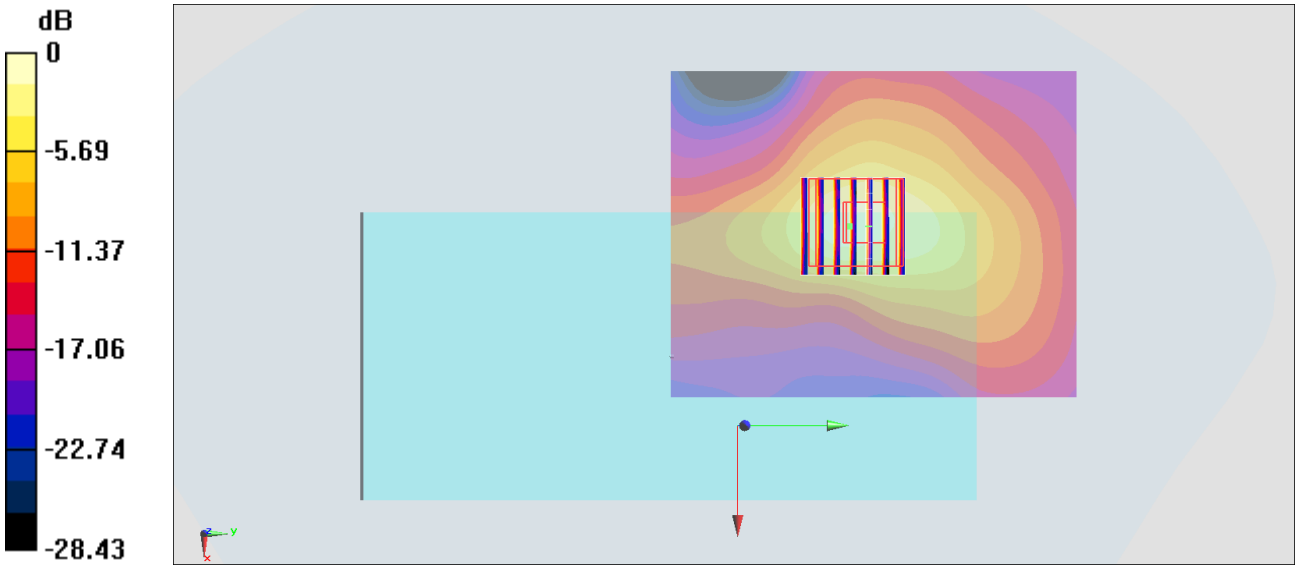
#60_WLAN5GHz_802.11ac-VHT80 MCS0_Back_10mm_Ch122

Communication System: 802.11ac; Frequency: 5610 MHz;Duty Cycle: 1:1.078
Medium: HSL_5G_191101 Medium parameters used: f = 5610 MHz; σ = 5.096 S/m; ε_r = 36.577; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.49, 4.49, 4.49) @ 5610 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.29 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.33 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.56 W/kg
SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.226 W/kg
Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg

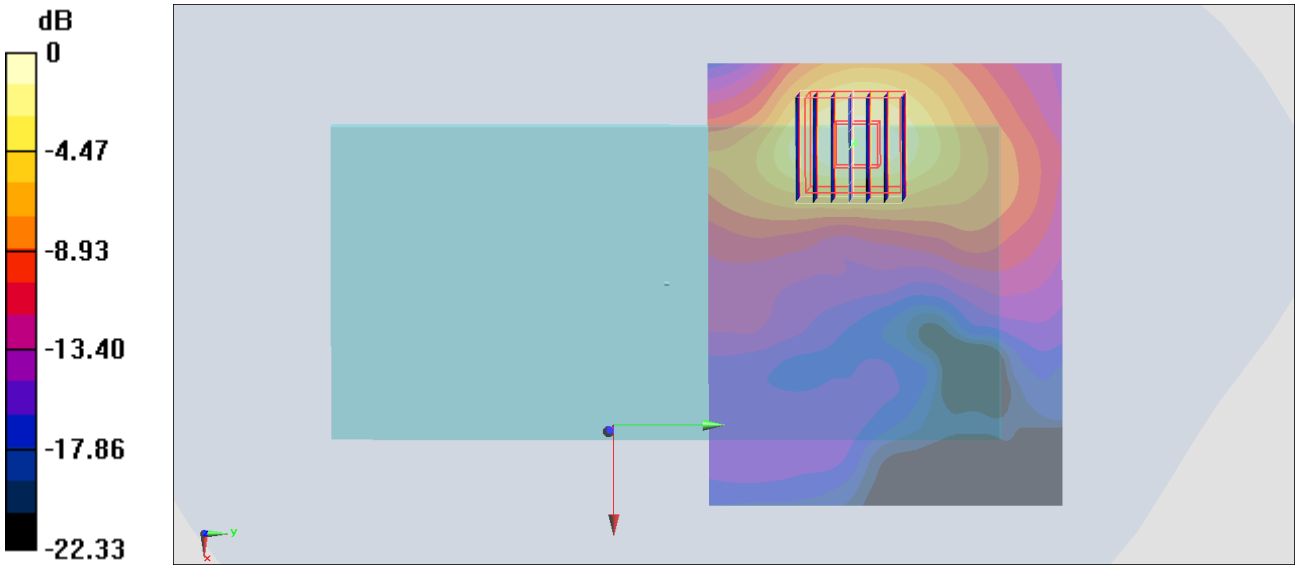
#61_WLAN5GHz_802.11ac-VHT80 MCS0_Back_10mm_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.078
Medium: HSL_5G_191112 Medium parameters used: f = 5775 MHz; σ = 5.394 S/m; ε_r = 34.886; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.75, 4.75, 4.75) @ 5775 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

Area Scan (101x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.60 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.50 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.64 W/kg
SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.245 W/kg
Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

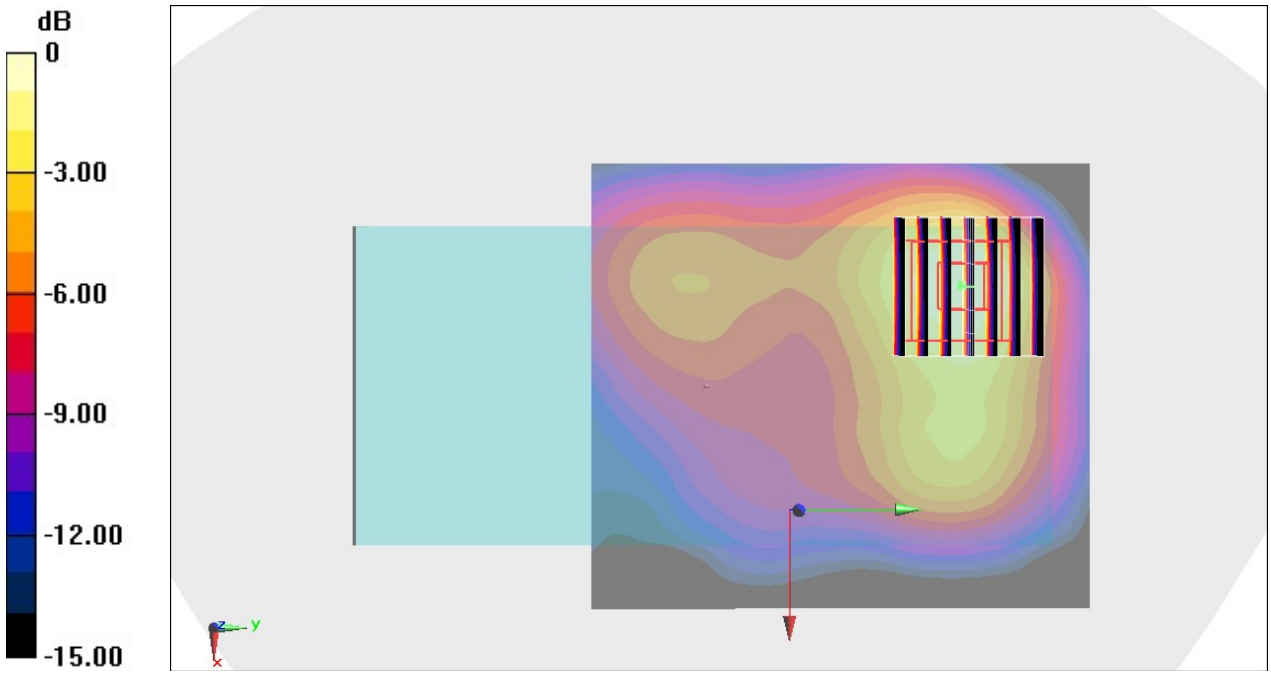
#62_Bluetooth_1Mbps_Back_10mm_Ch0

Communication System: Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1.297
Medium: HSL_2450_191210 Medium parameters used : f = 2402 MHz; σ = 1.736 S/m; ε_r = 40.042; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270;ConvF(4.57, 4.57, 4.57) @ 2402 MHz;Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.235 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.21 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.311 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.074 W/kg
Maximum value of SAR (measured) = 0.200 W/kg



0 dB = 0.200 W/kg = -6.99 dBW/kg

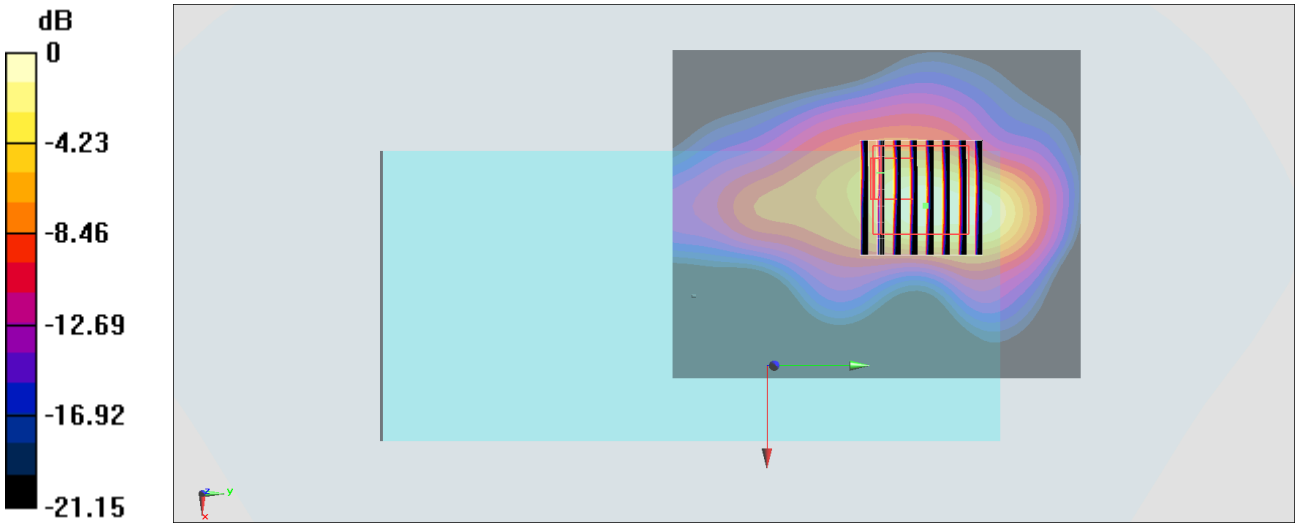
#63_WLAN5GHz_802.11n-HT40 MCS0_Back_0mm_Ch54

Communication System: 802.11n; Frequency: 5270 MHz;Duty Cycle: 1:1.054
Medium: HSL_5G_191112 Medium parameters used: f = 5270 MHz; σ = 4.736 S/m; ε_r = 37.275; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5270 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 6.15 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 46.33 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 23.6 W/kg
SAR(1 g) = 5.01 W/kg; SAR(10 g) = 1.55 W/kg
Maximum value of SAR (measured) = 13.2 W/kg



0 dB = 6.15 W/kg = 7.89 dBW/kg

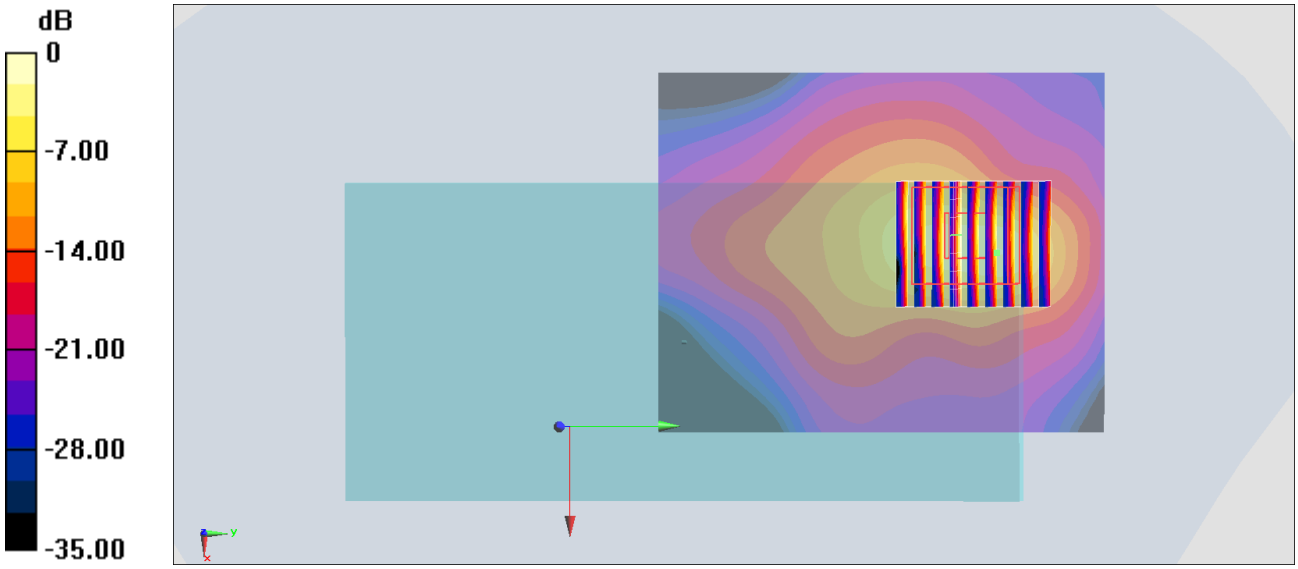
#64_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch122

Communication System: 802.11ac; Frequency: 5610 MHz;Duty Cycle: 1:1.082
Medium: HSL_5G_191101 Medium parameters used: f = 5610 MHz; σ = 5.096 S/m; ε_r = 36.577; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.49, 4.49, 4.49) @ 5610 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 8.64 W/kg

Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 43.24 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 25.8 W/kg
SAR(1 g) = 5.62 W/kg; SAR(10 g) = 1.7 W/kg
Maximum value of SAR (measured) = 14.3 W/kg



0 dB = 14.3 W/kg = 11.55 dBW/kg