Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/8/5

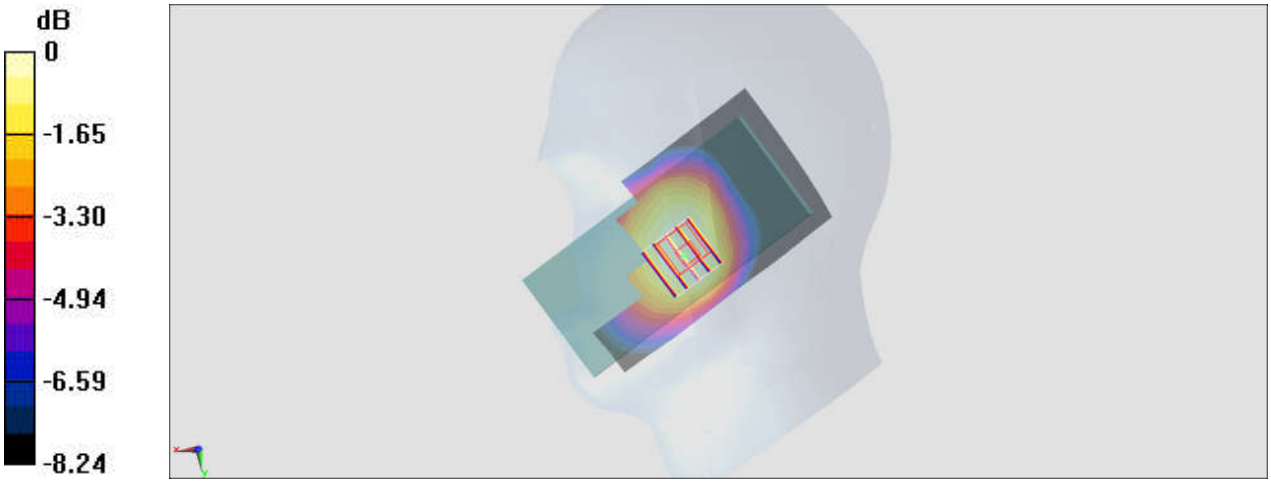
#01_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_200805 Medium parameters used: f = 849 MHz; σ = 0.937 S/m; ε_r = 41.183; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.43, 6.43, 6.43) @ 848.8 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.257 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.24 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.286 W/kg
SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.172 W/kg
Maximum value of SAR (measured) = 0.240 W/kg



0 dB = 0.240 W/kg = -6.20 dBW/kg

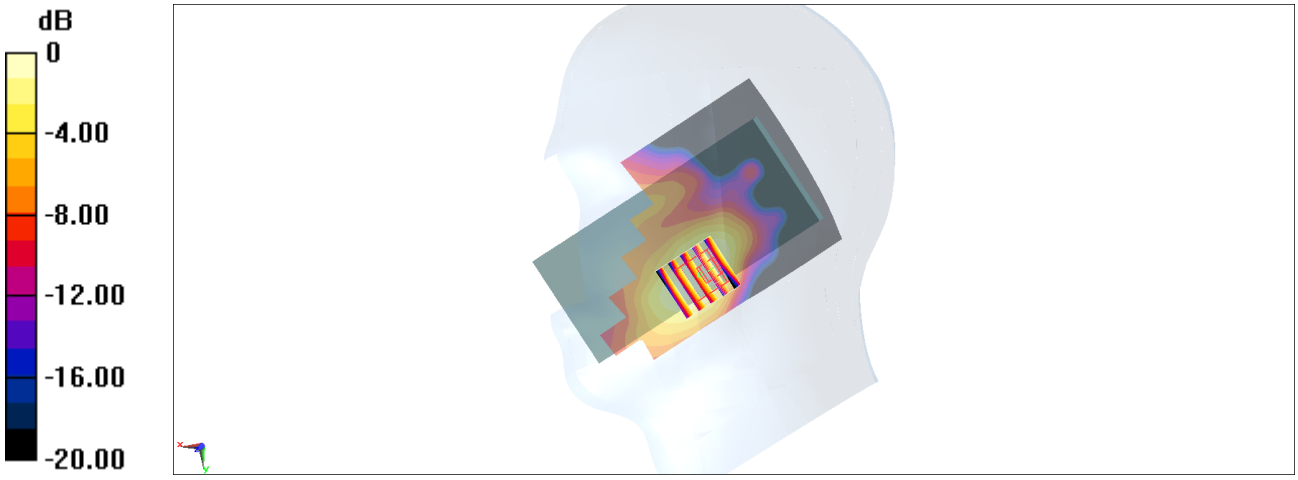
#02_GSM1900_GPRS (4 Tx slots)_Right Cheek_Ch661

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_200804 Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.396; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23) @ 1880 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.0313 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.199 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0420 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.015 W/kg
Maximum value of SAR (measured) = 0.0305 W/kg



0 dB = 0.0305 W/kg = -15.16 dBW/kg

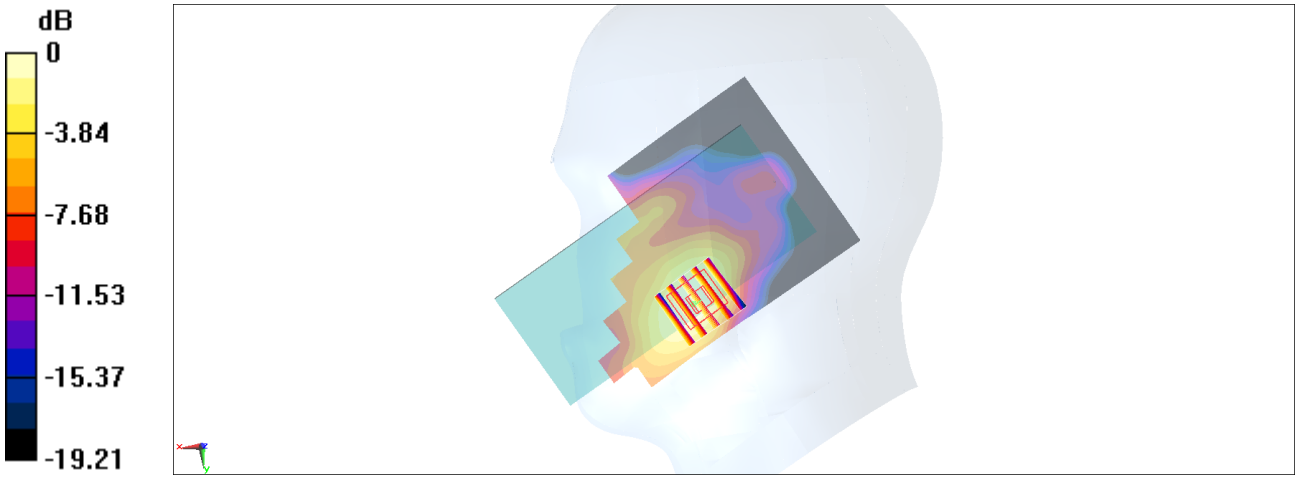
#03_WCDMA II_RMC 12.2Kbps_Right Cheek_Ch9400

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200804 Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.396; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23) @ 1880 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.0641 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.691 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0800 W/kg
SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.034 W/kg
Maximum value of SAR (measured) = 0.0650 W/kg



0 dB = 0.0650 W/kg = -11.87 dBW/kg

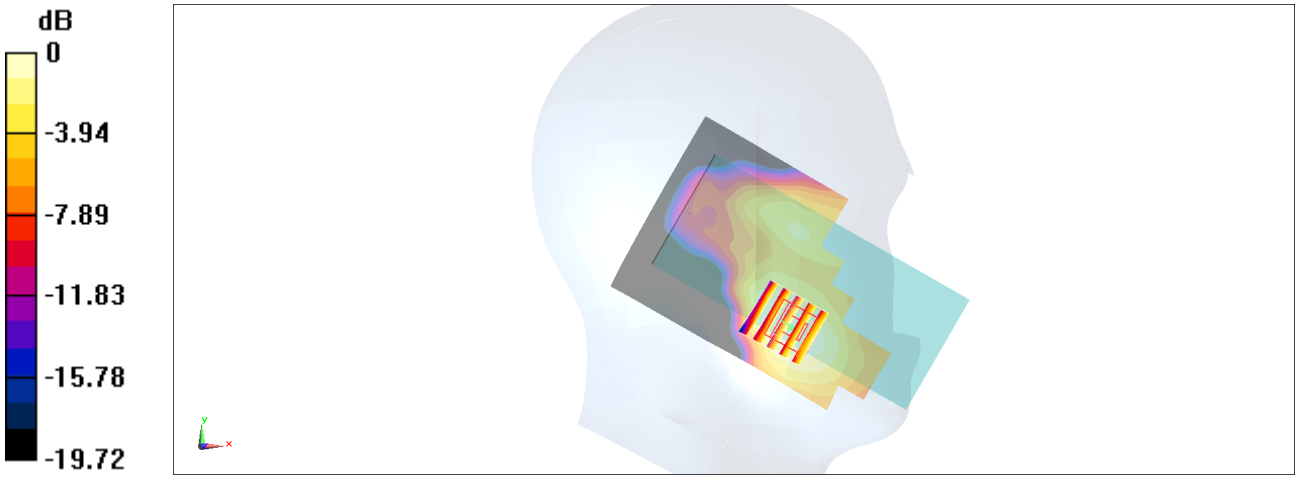
#04_WCDMA IV_RMC 12.2Kbps_Left Cheek_Ch1513

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200803 Medium parameters used: f = 1753 MHz; σ = 1.39 S/m; ε_r = 40.412; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.45, 5.45, 5.45) @ 1752.6 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.0571 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.504 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.0650 W/kg
SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.030 W/kg
Maximum value of SAR (measured) = 0.0541 W/kg



0 dB = 0.0541 W/kg = -12.67 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/8/5

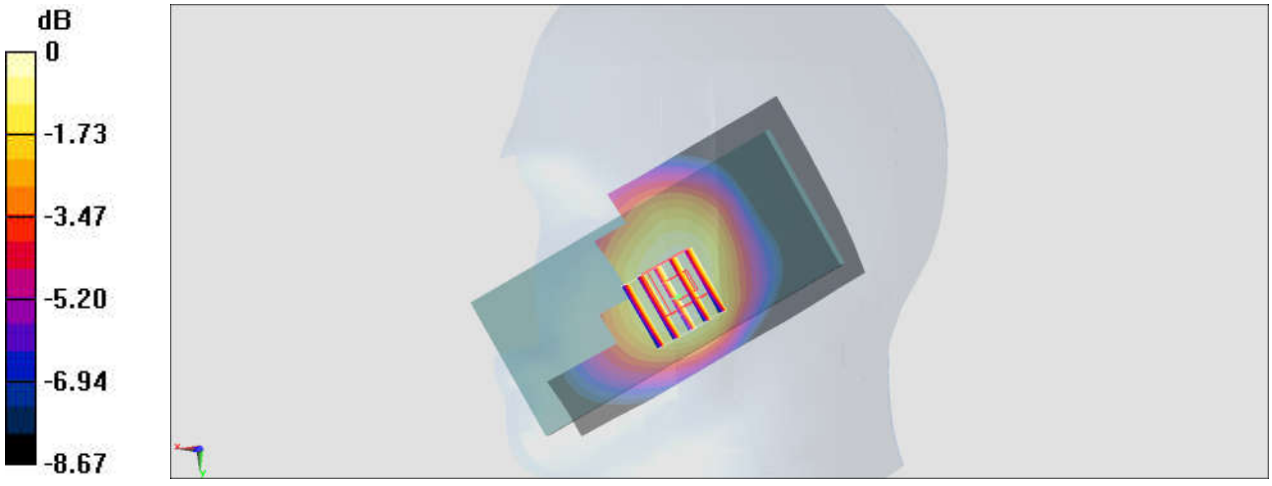
#05_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4233

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_850_200805 Medium parameters used: f = 847 MHz; σ = 0.935 S/m; ε_r = 41.209; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.43, 6.43, 6.43) @ 846.6 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.263 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.06 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.296 W/kg
SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.184 W/kg
Maximum value of SAR (measured) = 0.260 W/kg



0 dB = 0.260 W/kg = -5.85 dBW/kg

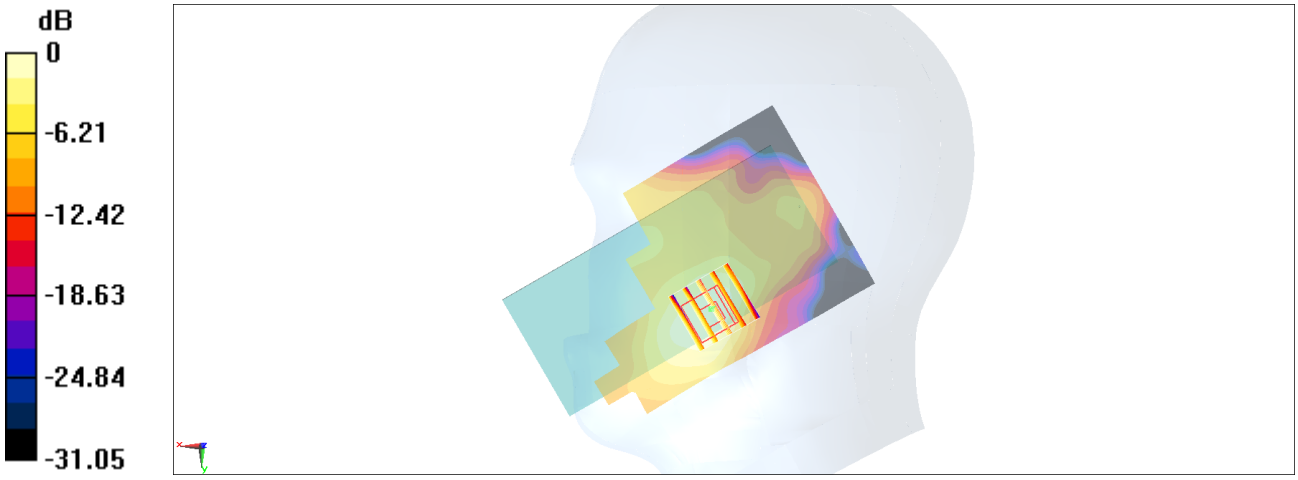
#06_LTE Band 2_20M_QPSK_50_50_Right Cheek_Ch18900

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200804 Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.396; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23) @ 1880 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.0703 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.843 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.0820 W/kg
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.034 W/kg
Maximum value of SAR (measured) = 0.0652 W/kg



0 dB = 0.0652 W/kg = -11.86 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/8/5

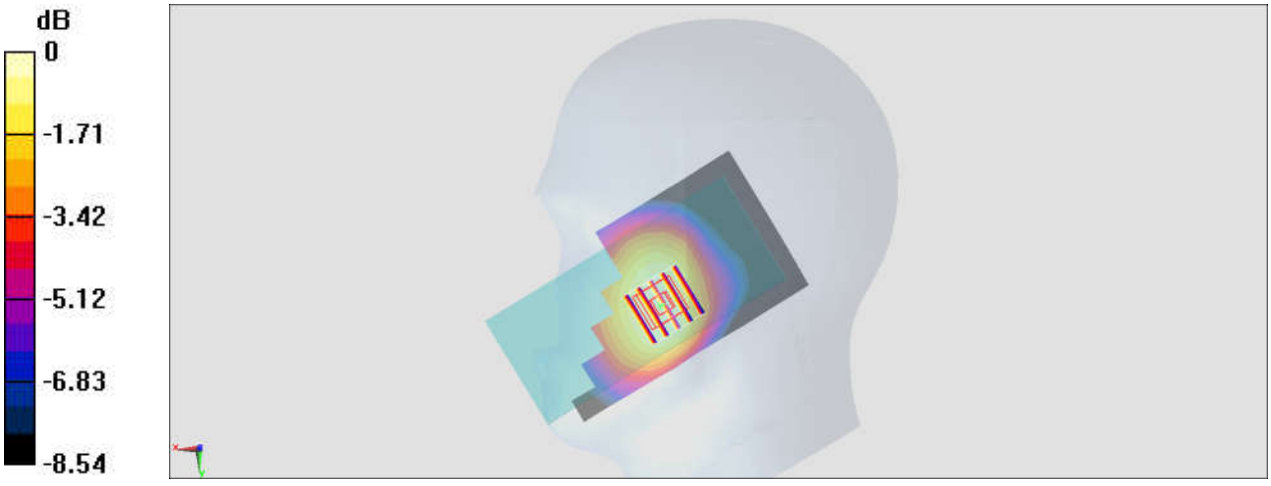
#07_LTE Band 5_10M_QPSK_1_0_Right Cheek_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_200805 Medium parameters used: f = 836.5 MHz; σ = 0.925 S/m; ε_r = 41.348; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.43, 6.43, 6.43) @ 836.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.211 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.31 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.237 W/kg
SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.144 W/kg
Maximum value of SAR (measured) = 0.207 W/kg



0 dB = 0.207 W/kg = -6.84 dBW/kg

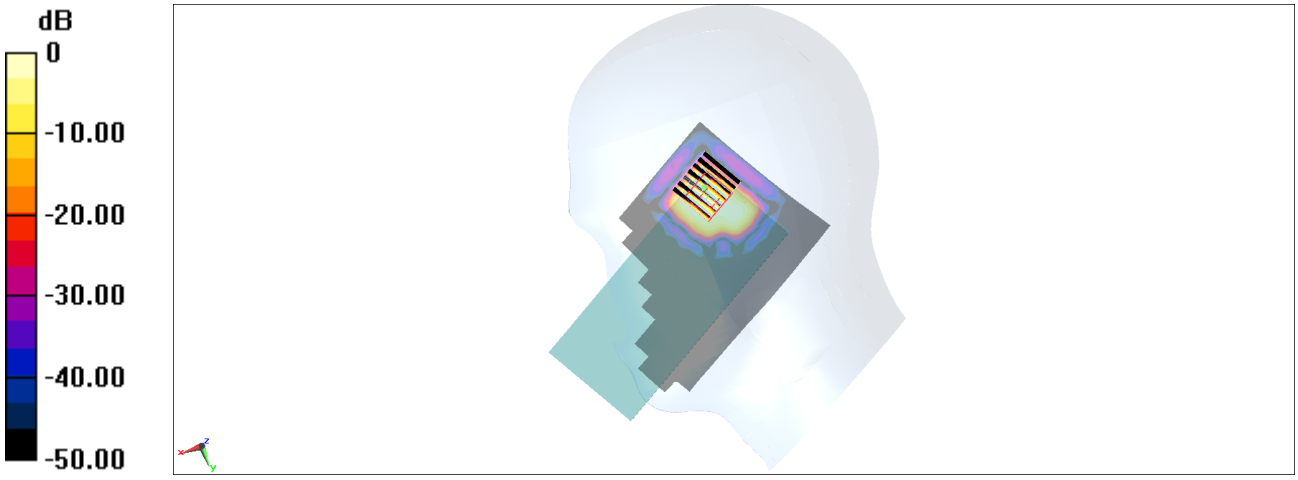
#08_LTE Band 7_20M_QPSK_50_24_Right Tilted_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_200801 Medium parameters used: f = 2560 MHz; σ = 1.966 S/m; ε_r = 38.462; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(4.49, 4.49, 4.49) @ 2560 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0560 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.655 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.0390 W/kg
SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00773 W/kg
Maximum value of SAR (measured) = 0.0249 W/kg



0 dB = 0.0249 W/kg = -16.04 dBW/kg

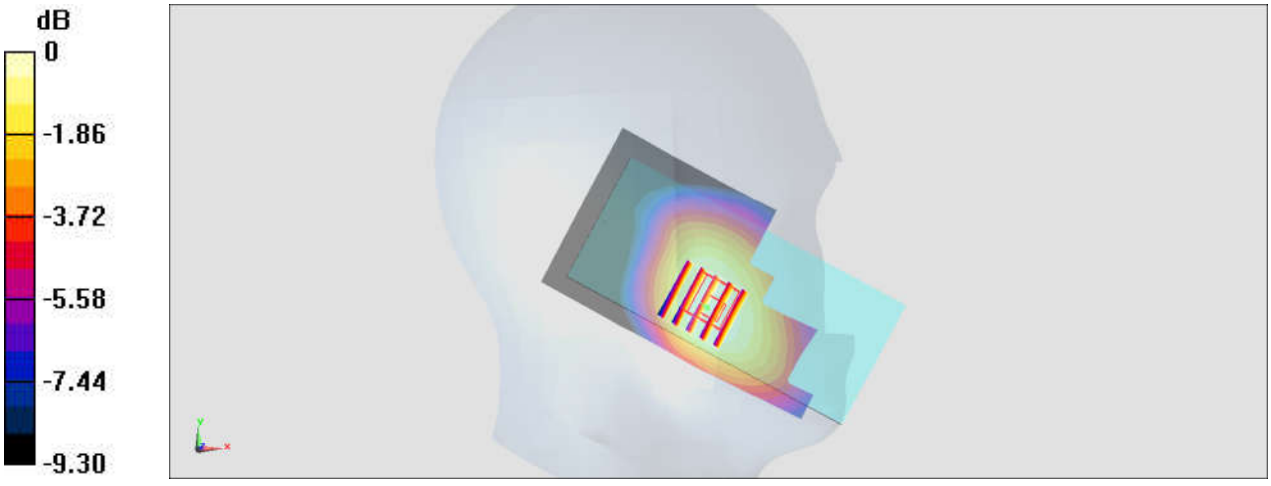
#09_LTE Band 12_10M_QPSK_1_0_Left Cheek_Ch23095

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_200806 Medium parameters used: f = 707.5 MHz; σ = 0.88 S/m; ε_r = 41.548; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.55, 6.55, 6.55) @ 707.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.161 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.54 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.179 W/kg
SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.110 W/kg
Maximum value of SAR (measured) = 0.156 W/kg



0 dB = 0.156 W/kg = -8.07 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/8/6

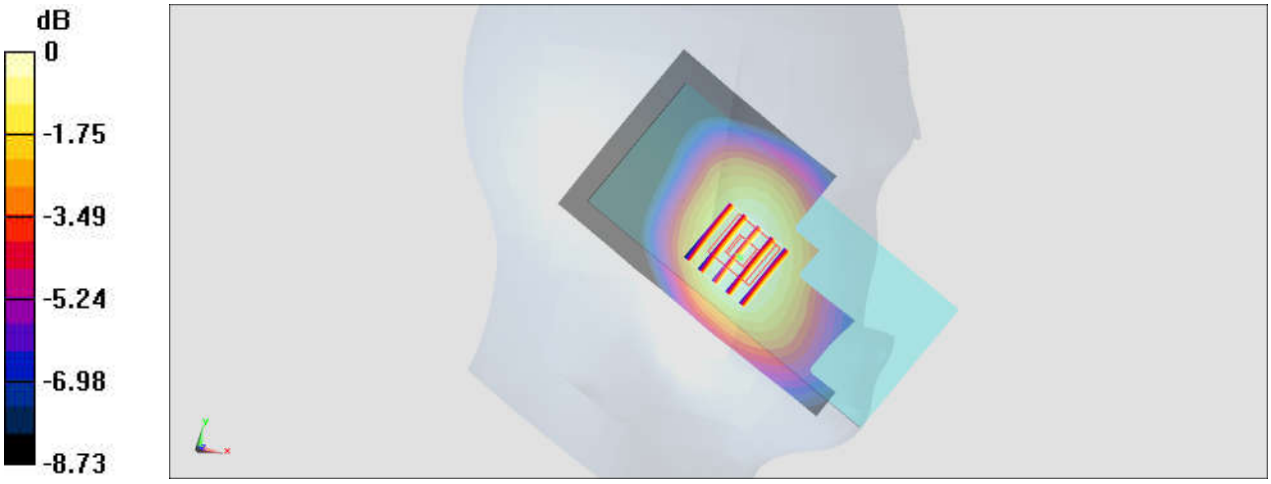
#10_LTE Band 13_10M_QPSK_1_49_Left Cheek_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_200806 Medium parameters used: f = 782 MHz; σ = 0.904 S/m; ε_r = 41.284; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.55, 6.55, 6.55) @ 782 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.232 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.08 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.160 W/kg
Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.223 W/kg = -6.52 dBW/kg

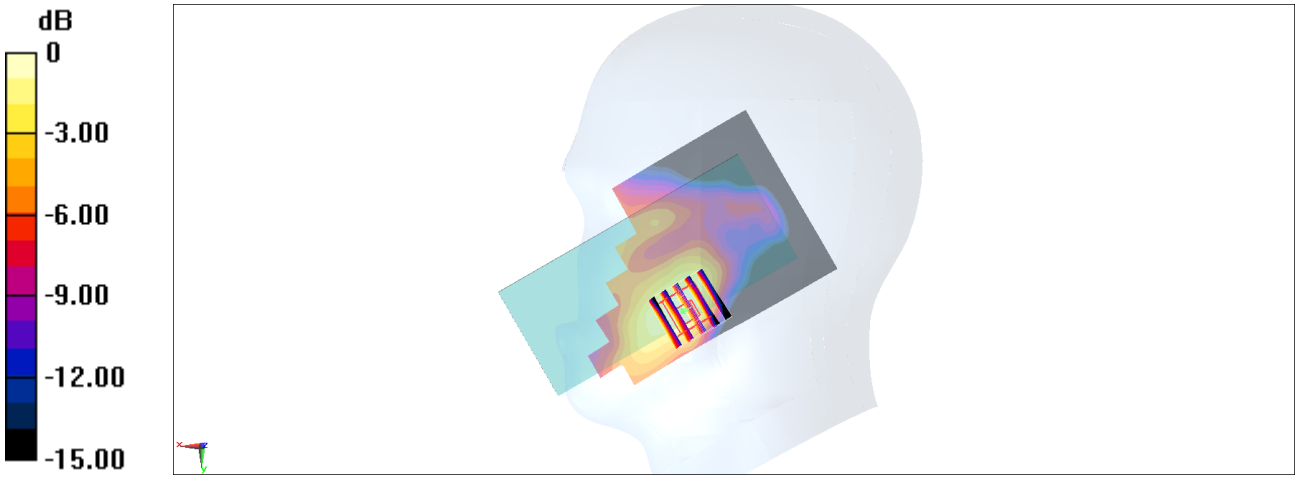
#11_LTE Band 66_20M_QPSK_1_99_Right Cheek_Ch132322

Communication System: LTE ; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200803 Medium parameters used : f = 1745 MHz; σ = 1.381 S/m; ε_r = 40.44; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.45, 5.45, 5.45) @ 1745 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.0396 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.815 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.0600 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.019 W/kg
Maximum value of SAR (measured) = 0.0413 W/kg



0 dB = 0.0413 W/kg = -13.84 dBW/kg

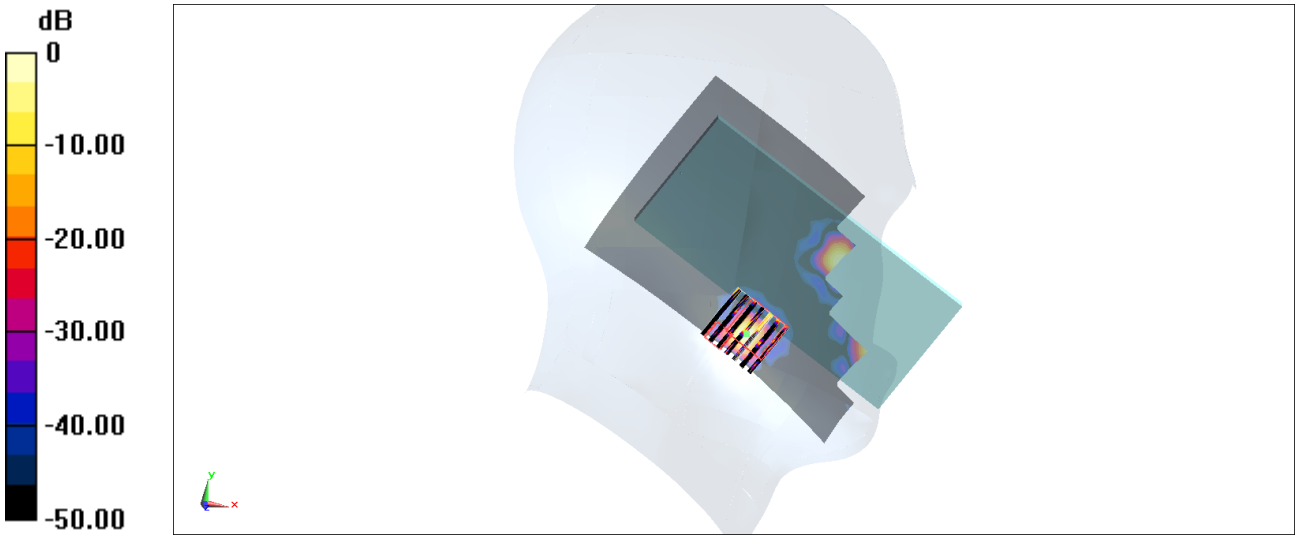
#12_LTE Band 48_20M_QPSK_1_0_Left Cheek_Ch55340

Communication System: LTE ; Frequency: 3560 MHz;Duty Cycle: 1:1.59
Medium: HSL_3500_200807 Medium parameters used: f = 3560 MHz; σ = 2.953 S/m; ε_r = 37.744; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(6.6, 6.6, 6.6) @ 3560 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0136 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 0 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0110 W/kg
SAR(1 g) = 0.002 W/kg; SAR(10 g) = 0.001 W/kg
Maximum value of SAR (measured) = 0.0141 W/kg



0 dB = 0.0141 W/kg = -18.51 dBW/kg

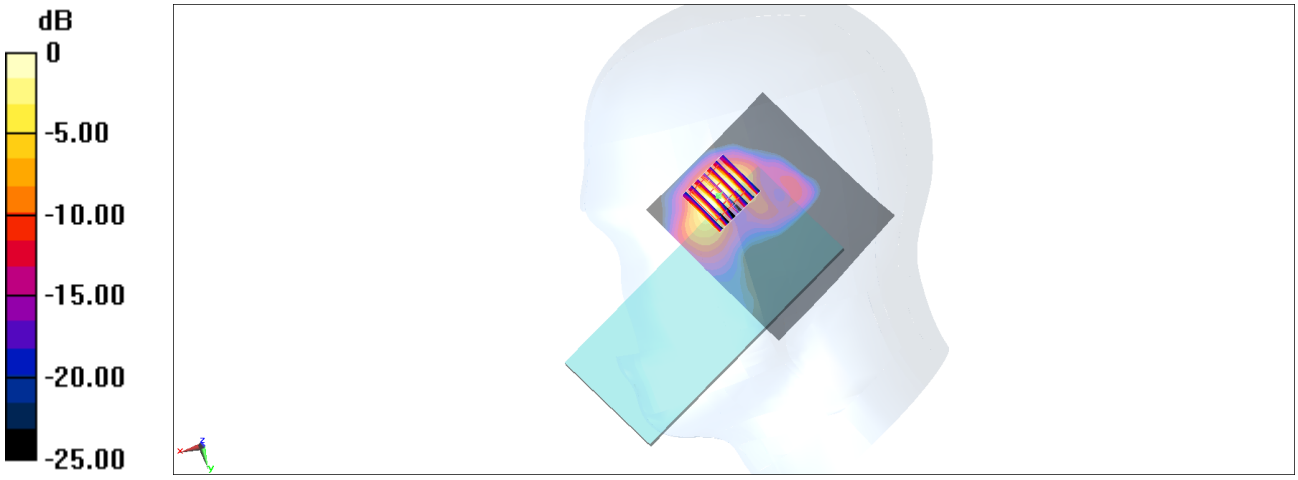
#13_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch1

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_200808 Medium parameters used: f = 2412 MHz; σ = 1.797 S/m; ε_r = 39.091; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69) @ 2412 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.710 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.687 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.438 W/kg; SAR(10 g) = 0.164 W/kg
Maximum value of SAR (measured) = 0.637 W/kg



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

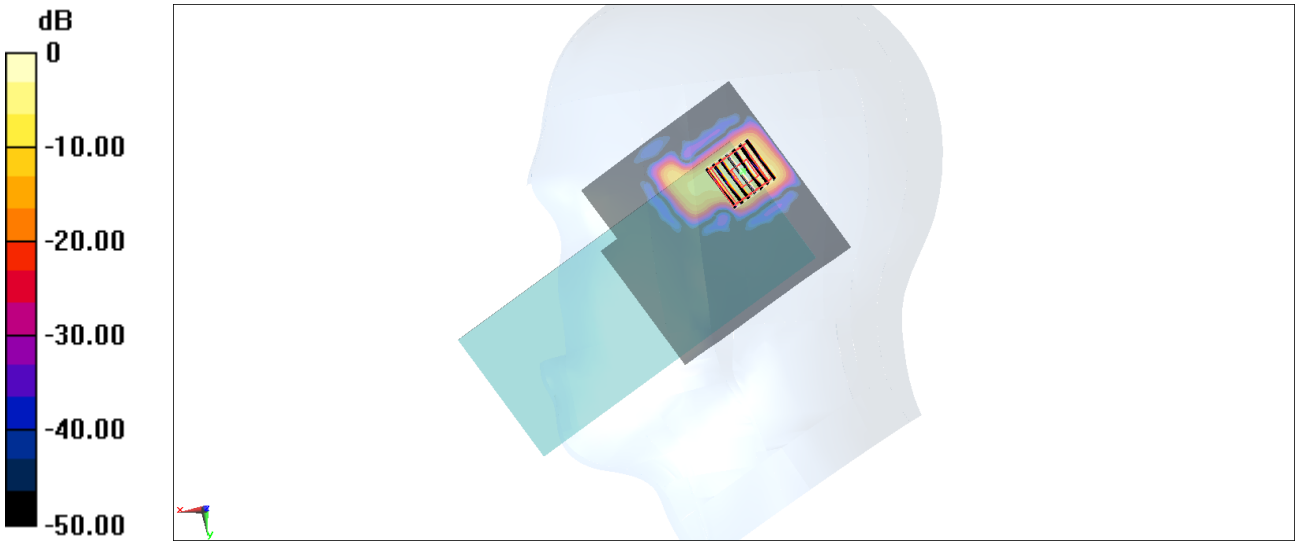
#14_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch58

Communication System: 802.11ac; Frequency: 5290 MHz;Duty Cycle: 1:1
Medium: HSL_5G_200809 Medium parameters used : f = 5290 MHz; σ = 4.7 S/m; ε_r = 36.356; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(4.43, 4.43, 4.43) @ 5290 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.661 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.957 W/kg
SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.047 W/kg
Maximum value of SAR (measured) = 0.616 W/kg



0 dB = 0.616 W/kg = -2.10 dBW/kg

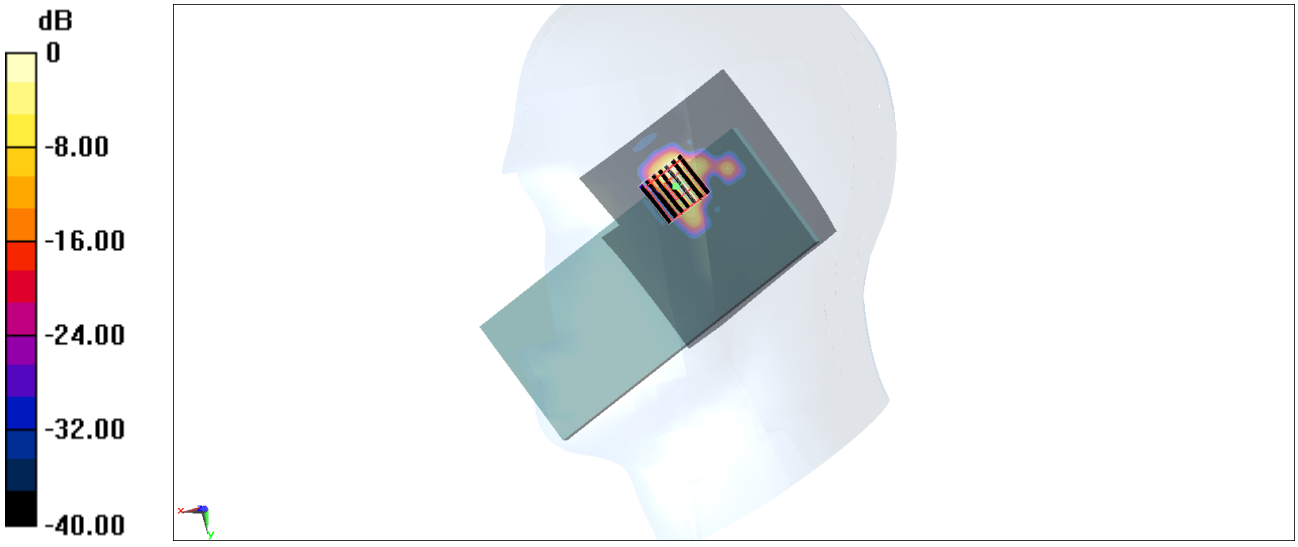
#15_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch106

Communication System: 802.11ac; Frequency: 5530 MHz;Duty Cycle: 1:1
Medium: HSL_5G_200809 Medium parameters used : f = 5530 MHz; σ = 4.934 S/m; ε_r = 36.096; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(4.19, 4.19, 4.19) @ 5530 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.365 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.7910 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.730 W/kg
SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.025 W/kg
Maximum value of SAR (measured) = 0.410 W/kg



0 dB = 0.410 W/kg = -3.87 dBW/kg

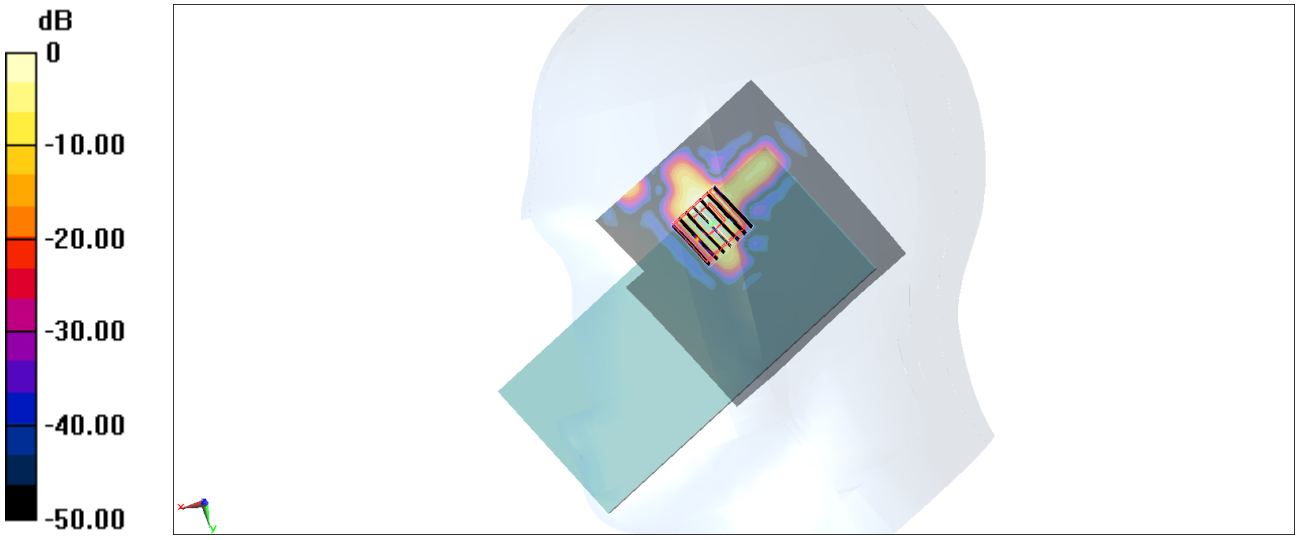
#16_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1
Medium: HSL_5G_200810 Medium parameters used: f = 5775 MHz; σ = 5.183 S/m; ε_r = 35.826; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(4.17, 4.17, 4.17) @ 5775 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.423 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.030 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.934 W/kg
SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.025 W/kg
Maximum value of SAR (measured) = 0.425 W/kg



0 dB = 0.425 W/kg = -3.72 dBW/kg

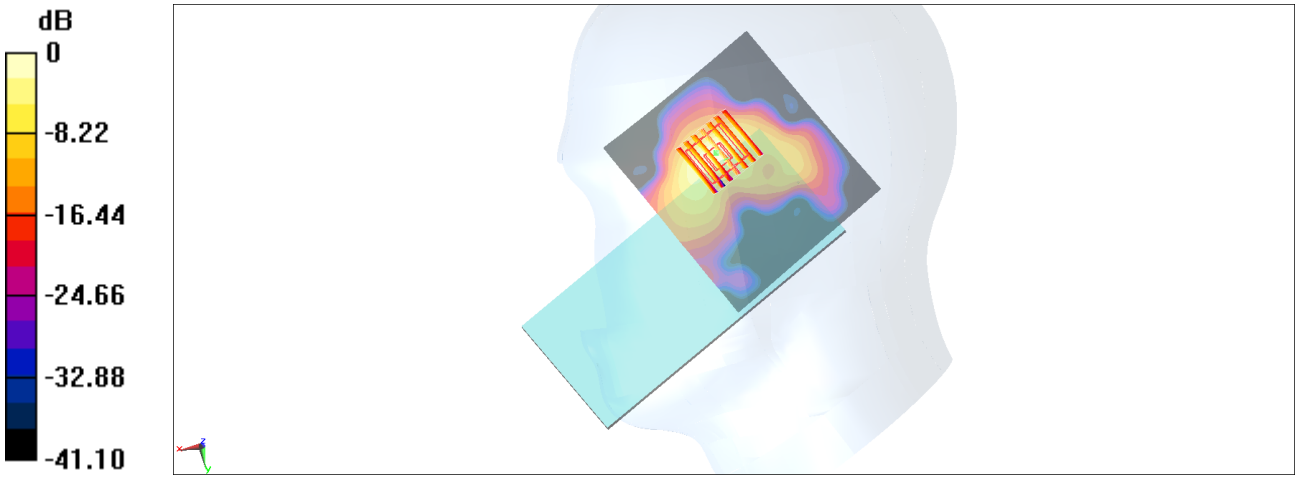
#17_Bluetooth_1Mbps_Right Cheek_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1.3
Medium: HSL_2450_200808 Medium parameters used : f = 2441 MHz; σ = 1.829 S/m; ε_r = 38.977; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69) @ 2441 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.435 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.597 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.953 W/kg
SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.135 W/kg
Maximum value of SAR (measured) = 0.472 W/kg



0 dB = 0.472 W/kg = -3.26 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/8/5

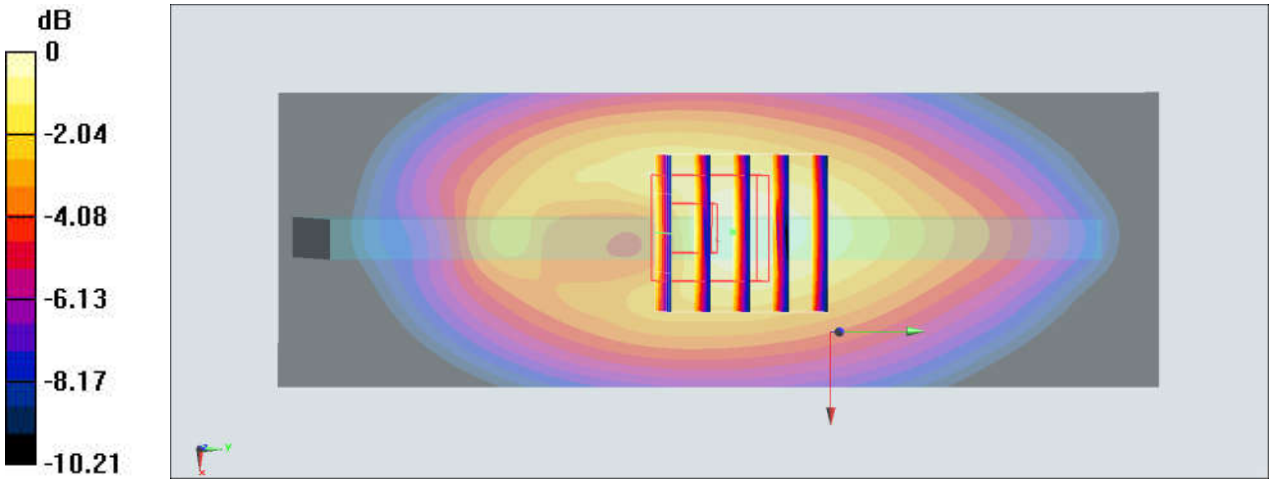
#18_GSM850_GPRS (4 Tx slots)_Right Side_10mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_200805 Medium parameters used: f = 849 MHz; σ = 0.937 S/m; ε_r = 41.183; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.43, 6.43, 6.43) @ 848.8 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- 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) = 0.331 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.32 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.404 W/kg
SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 0.322 W/kg



0 dB = 0.322 W/kg = -4.92 dBW/kg

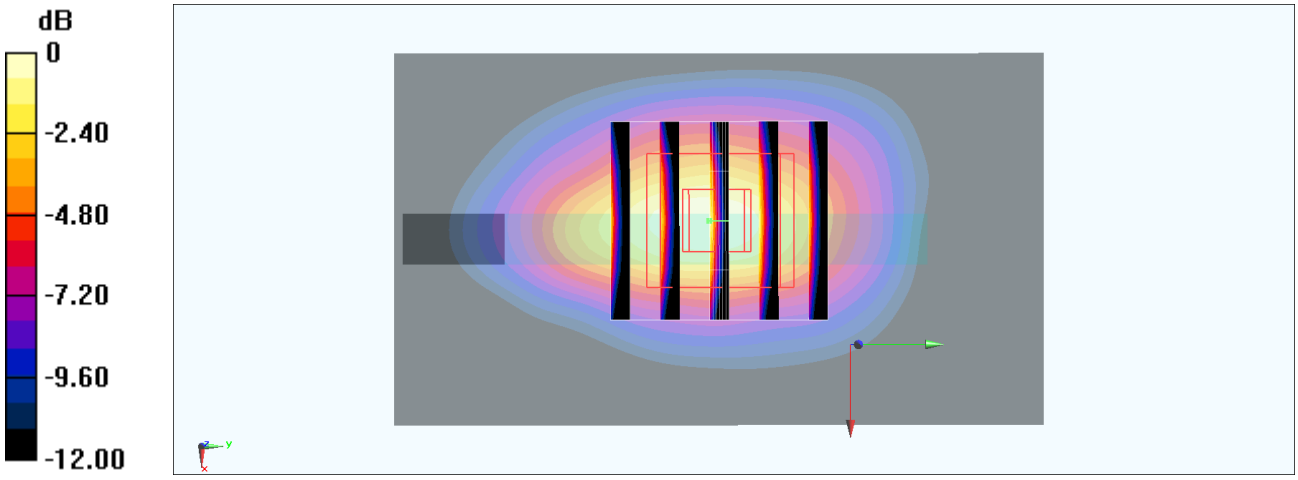
#19_GSM1900_GPRS (4 Tx slots)_Bottom Side_10mm_Ch661

Communication System: PCS ; Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_200804 Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.396; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23) @ 1880 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.302 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.833 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.454 W/kg
SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.302 W/kg



0 dB = 0.302 W/kg = -5.20 dBW/kg

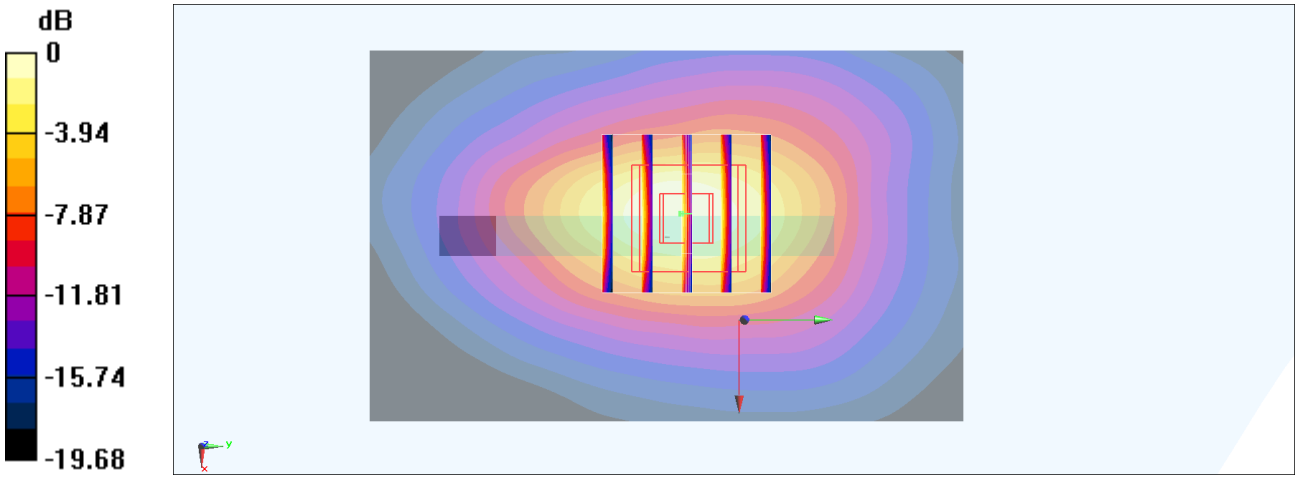
#20_WCDMA II_RMC 12.2Kbps_Bottom Side_10mm_Ch9400

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200804 Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.396; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23) @ 1880 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.620 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.08 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.831 W/kg
SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.223 W/kg
Maximum value of SAR (measured) = 0.557 W/kg



0 dB = 0.557 W/kg = -2.54 dBW/kg

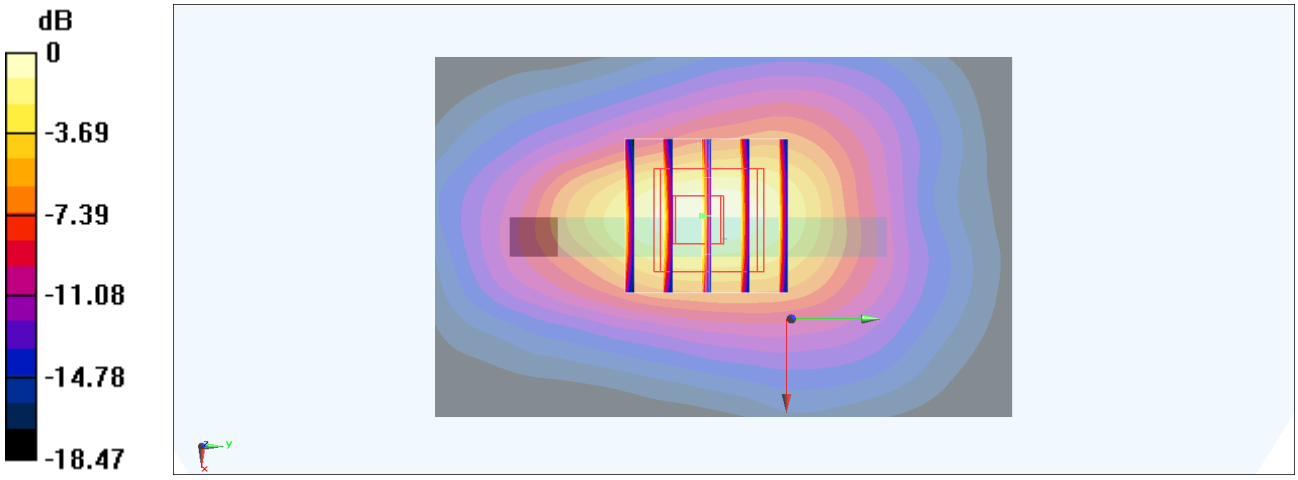
#21_WCDMA IV_RMC 12.2Kbps_Bottom Side_10mm_Ch1513

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200803 Medium parameters used: f = 1753 MHz; σ = 1.39 S/m; ε_r = 40.412; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.45, 5.45, 5.45) @ 1752.6 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.548 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.01 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.815 W/kg
SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.232 W/kg
Maximum value of SAR (measured) = 0.560 W/kg



0 dB = 0.560 W/kg = -2.52 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/8/5

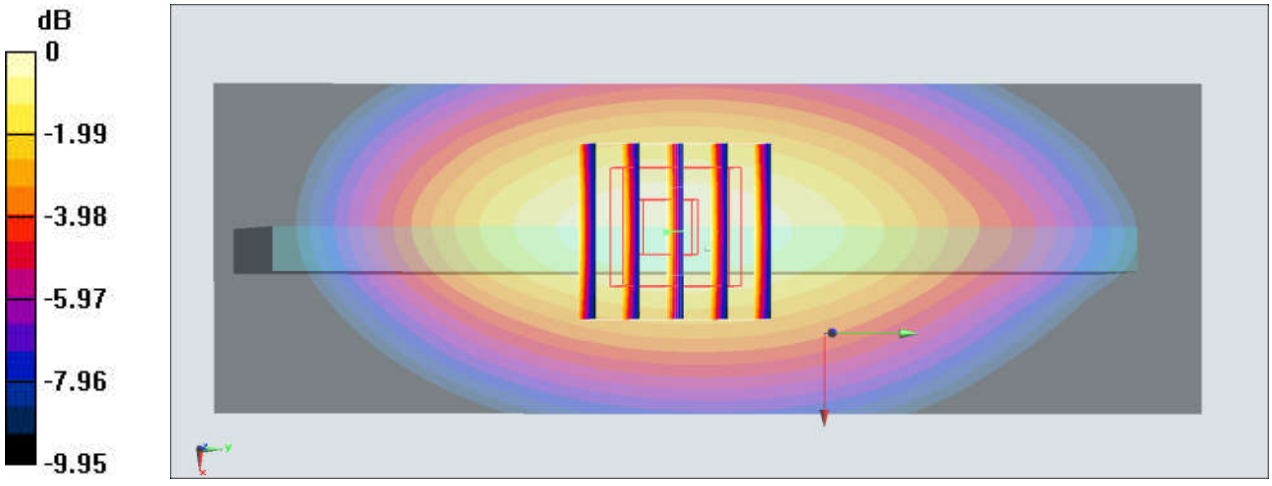
#22_WCDMA V_RMC 12.2Kbps_Right Side_10mm_Ch4233

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_850_200805 Medium parameters used: f = 847 MHz; σ = 0.935 S/m; ε_r = 41.209; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.43, 6.43, 6.43) @ 846.6 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- 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) = 0.325 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.80 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.405 W/kg
SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.193 W/kg
Maximum value of SAR (measured) = 0.327 W/kg



0 dB = 0.327 W/kg = -4.85 dBW/kg

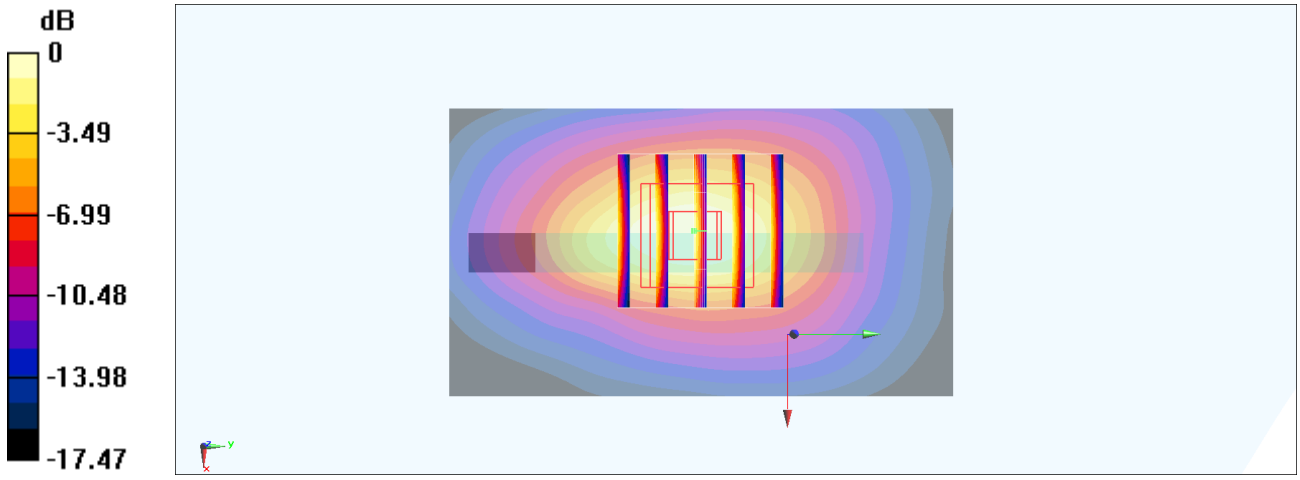
#23_LTE Band 2_20M_QPSK_50_50_Bottom Side_10mm_Ch18900

Communication System: LTE ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200804 Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.396; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23) @ 1880 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.849 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.80 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.967 W/kg
SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.346 W/kg
Maximum value of SAR (measured) = 0.782 W/kg



0 dB = 0.782 W/kg = -1.07 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/8/5

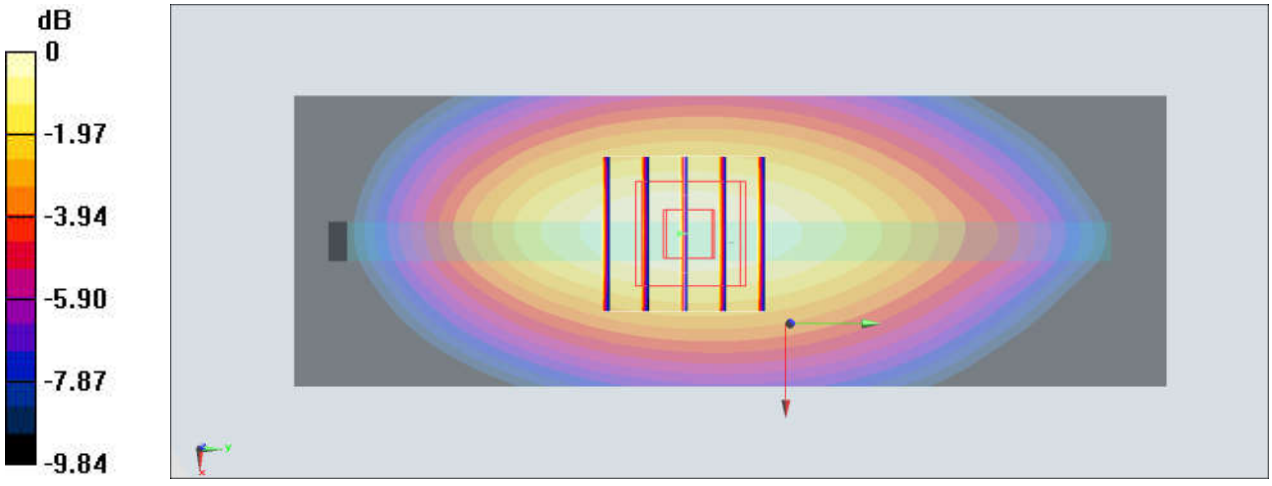
#24_LTE Band 5_10M_QPSK_1_0_Right Side_10mm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_200805 Medium parameters used: f = 836.5 MHz; σ = 0.925 S/m; ε_r = 41.348; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.43, 6.43, 6.43) @ 836.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- 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) = 0.255 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.50 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.150 W/kg
Maximum value of SAR (measured) = 0.253 W/kg



0 dB = 0.253 W/kg = -5.97 dBW/kg

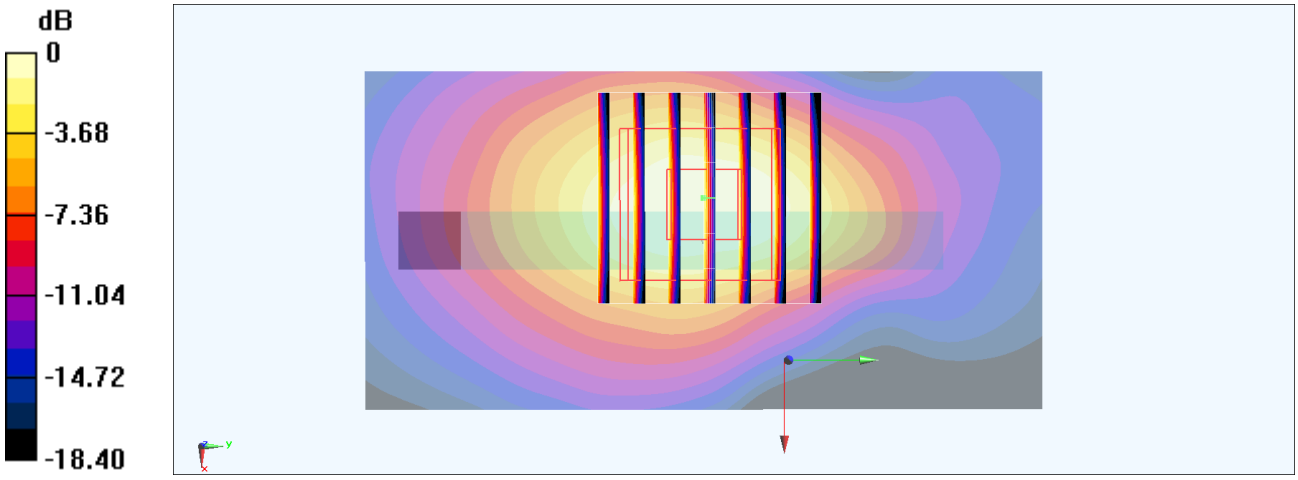
#25_LTE Band 7_20M_QPSK_50_24_Bottom Side_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_200803 Medium parameters used: f = 2560 MHz; σ = 1.964 S/m; ε_r = 38.482; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(4.49, 4.49, 4.49) @ 2560 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (41x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.308 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.304 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.100 W/kg
Maximum value of SAR (measured) = 0.272 W/kg



0 dB = 0.272 W/kg = -5.65 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/8/6

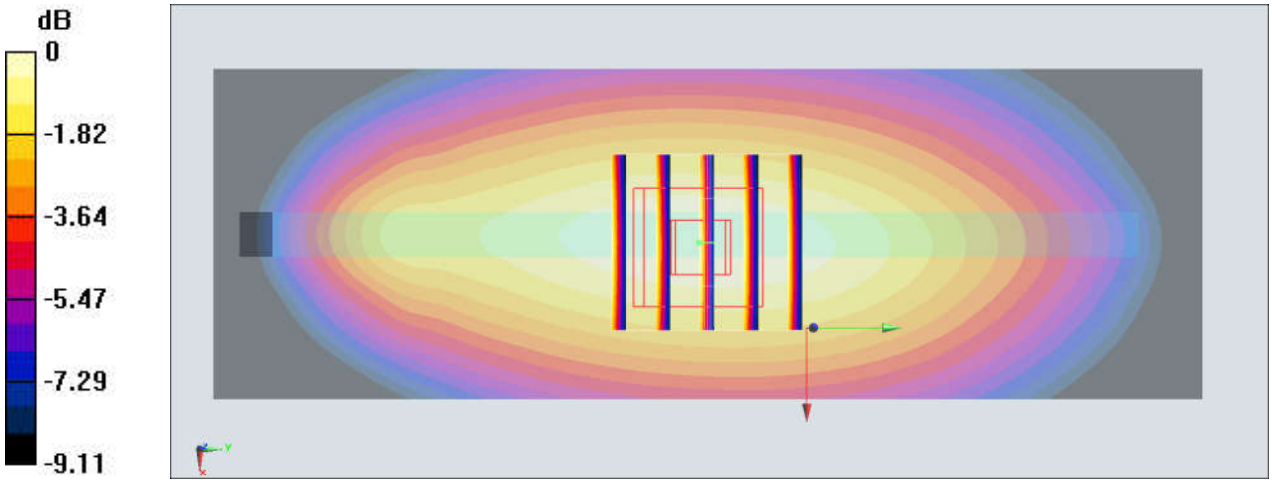
#26_LTE Band 12_10M_QPSK_1_0_Left Side_10mm_Ch23095

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_200806 Medium parameters used: f = 707.5 MHz; σ = 0.88 S/m; ε_r = 41.548; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.55, 6.55, 6.55) @ 707.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- 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) = 0.241 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.02 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.300 W/kg
SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 0.243 W/kg



0 dB = 0.243 W/kg = -6.14 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/8/6

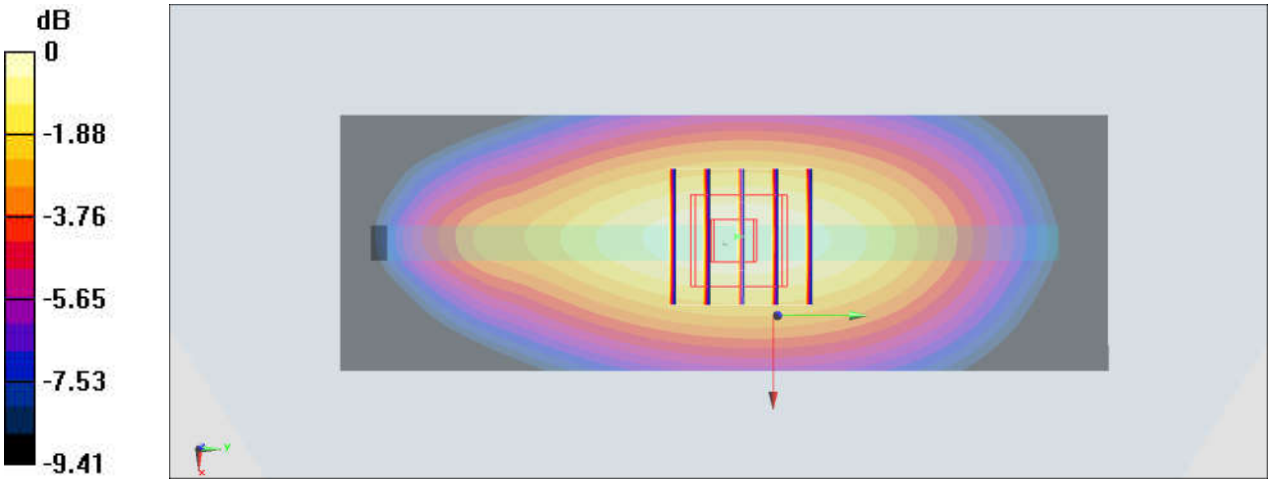
#27_LTE Band 13_10M_QPSK_1_49_Left Side_10mm_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_200806 Medium parameters used: f = 782 MHz; σ = 0.904 S/m; ε_r = 41.284; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.55, 6.55, 6.55) @ 782 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- 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) = 0.340 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.45 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.423 W/kg
SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.204 W/kg
Maximum value of SAR (measured) = 0.341 W/kg



0 dB = 0.341 W/kg = -4.67 dBW/kg

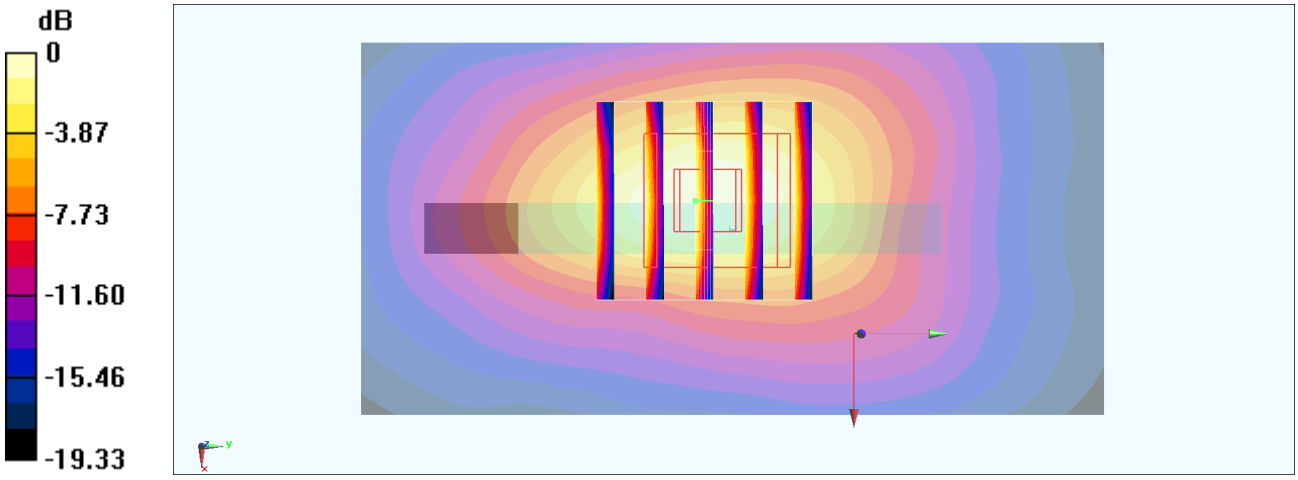
#28_LTE Band 66_20M_QPSK_50_50_Bottom Side_10mm_Ch132322

Communication System: LTE ; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200803 Medium parameters used: f = 1745 MHz; σ = 1.381 S/m; ε_r = 40.44; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.45, 5.45, 5.45) @ 1745 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.564 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.66 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.777 W/kg
SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.221 W/kg
Maximum value of SAR (measured) = 0.545 W/kg



0 dB = 0.545 W/kg = -2.64 dBW/kg

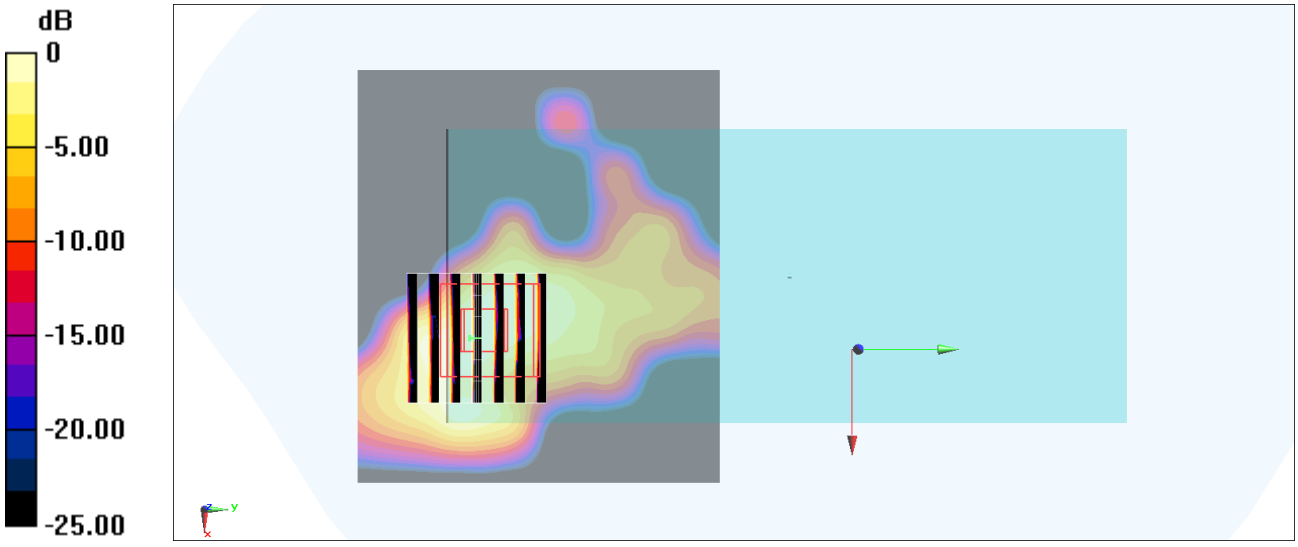
#29_LTE Band 48_20M_QPSK_1_0_Front_10mm_Ch55340

Communication System: LTE ; Frequency: 3560 MHz;Duty Cycle: 1:1.59
Medium: HSL_3500_200807 Medium parameters used: f = 3560 MHz; σ = 2.953 S/m; ε_r = 37.744; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(6.6, 6.6, 6.6) @ 3560 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.100 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 4.898 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.125 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.016 W/kg
Maximum value of SAR (measured) = 0.0915 W/kg



0 dB = 0.0915 W/kg = -10.39 dBW/kg

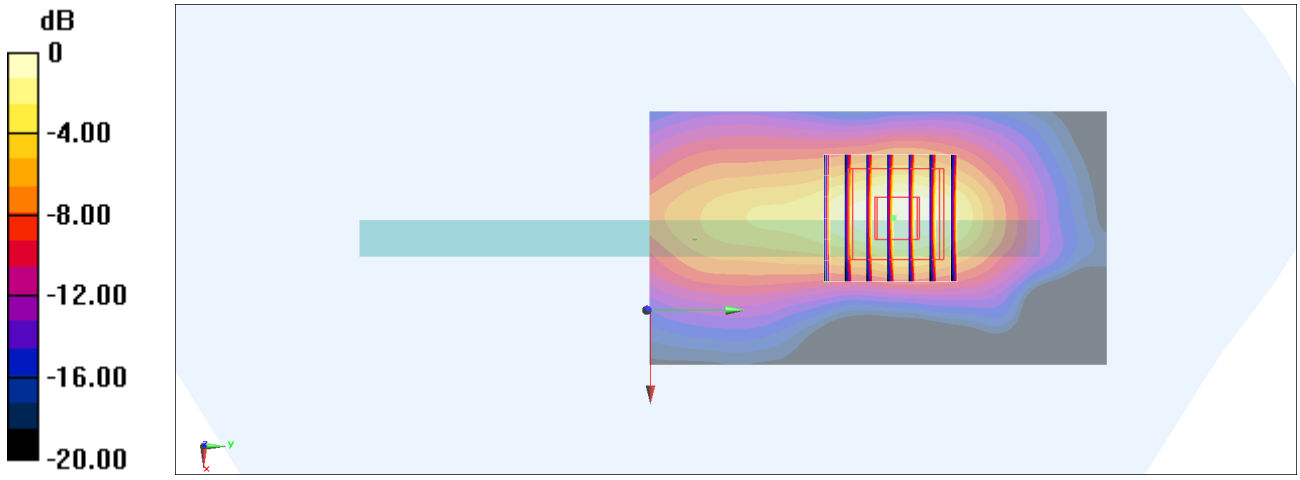
#30_WLAN2.4GHz_802.11b 1Mbps_Left Side_10mm_Ch1

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_200808 Medium parameters used: f = 2412 MHz; σ = 1.797 S/m; ε_r = 39.091; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69) @ 2412 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.168 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.933 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.222 W/kg
SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.062 W/kg
Maximum value of SAR (measured) = 0.168 W/kg



0 dB = 0.168 W/kg = -7.75 dBW/kg

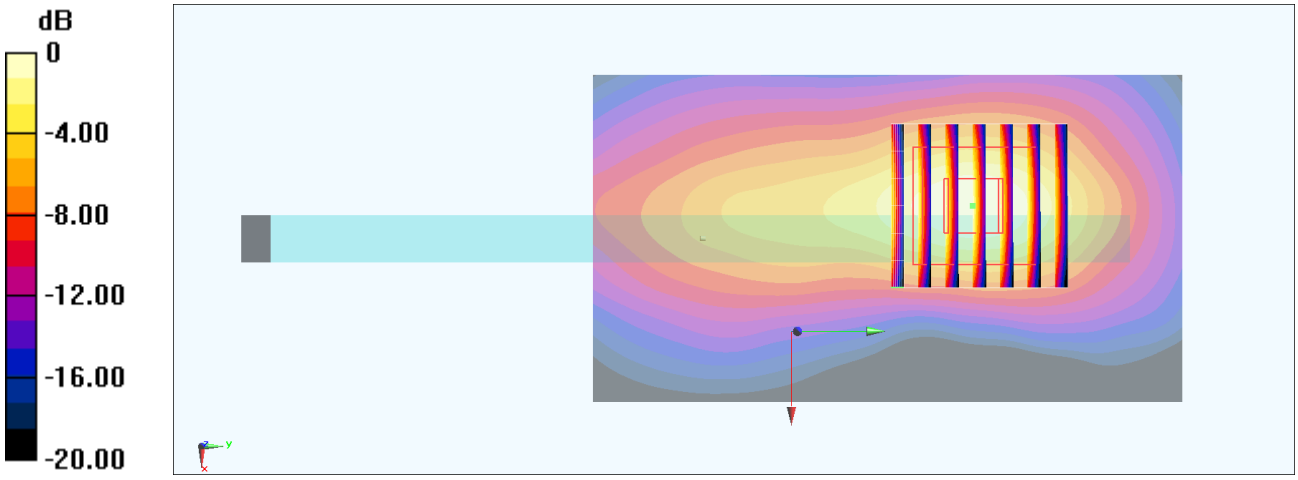
#31_Bluetooth_1Mbps_Left Side_10mm_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1.3
Medium: HSL_2450_200808 Medium parameters used : f = 2441 MHz; σ = 1.829 S/m; ε_r = 38.977; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69) @ 2441 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.156 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.416 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.195 W/kg
SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.055 W/kg
Maximum value of SAR (measured) = 0.148 W/kg



0 dB = 0.148 W/kg = -8.30 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/8/5

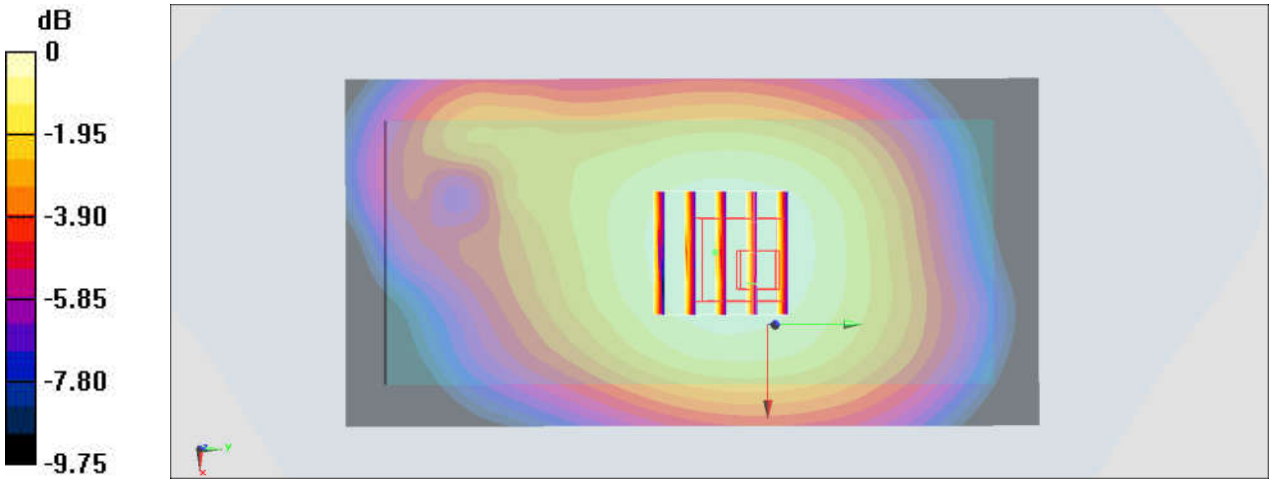
#32_GSM850_GPRS (4 Tx slots)_Front_15mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_200805 Medium parameters used: f = 849 MHz; σ = 0.937 S/m; ε_r = 41.183; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.43, 6.43, 6.43) @ 848.8 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.221 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.94 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.408 W/kg
SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.147 W/kg
Maximum value of SAR (measured) = 0.222 W/kg



0 dB = 0.222 W/kg = -6.54 dBW/kg

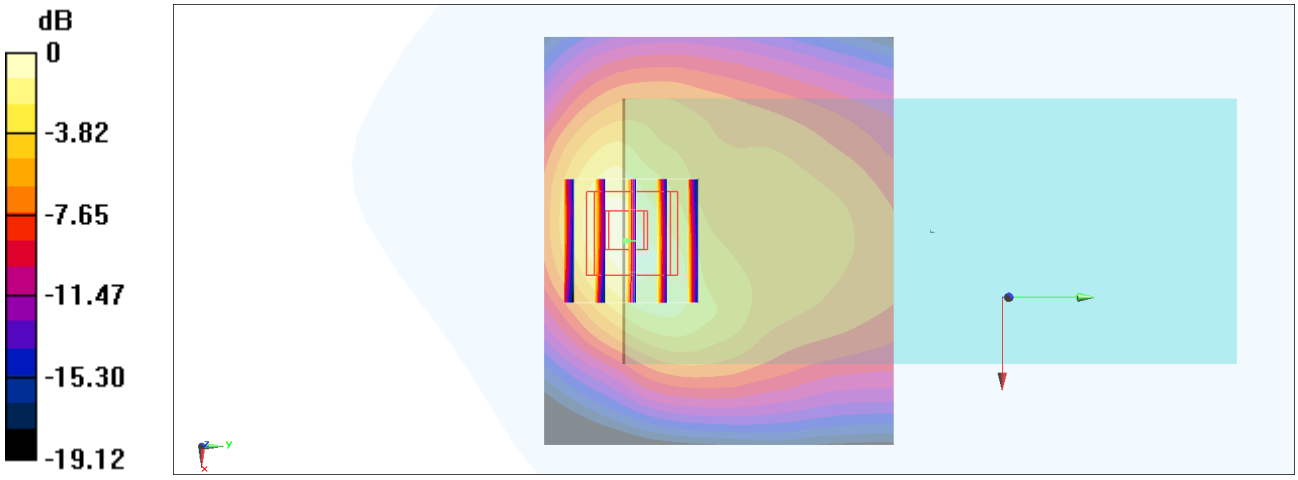
#33_GSM1900_GPRS (4 Tx slots)_Back_15mm_Ch661

Communication System: PCS ; Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_200804 Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.396; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23) @ 1880 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.107 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.083 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.187 W/kg
SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.053 W/kg
Maximum value of SAR (measured) = 0.123 W/kg



0 dB = 0.123 W/kg = -9.10 dBW/kg

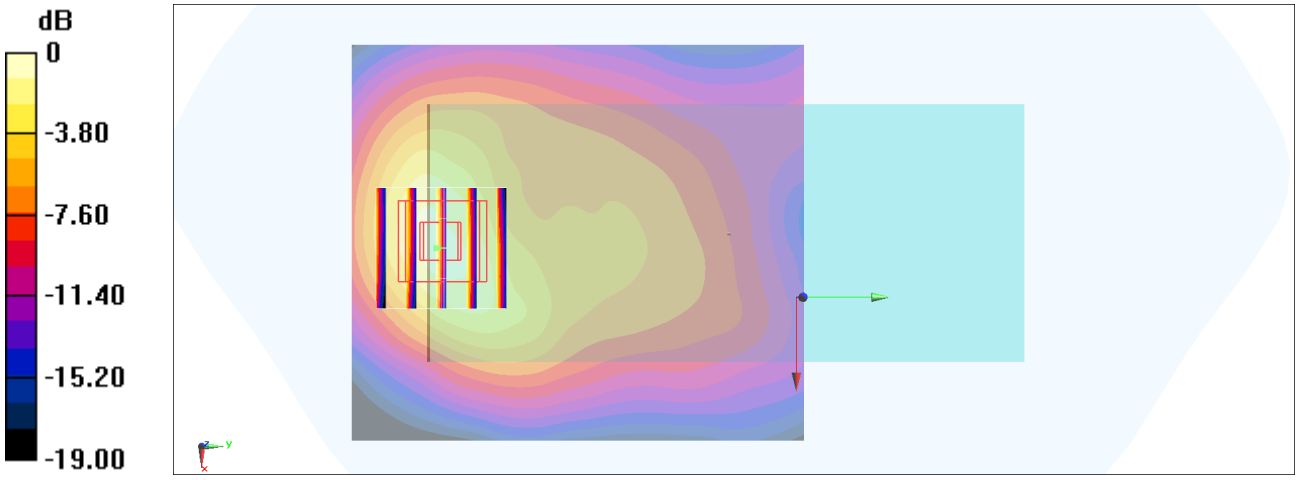
#34_WCDMA II_RMC 12.2Kbps_Back_15mm_Ch9400

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200804 Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.396; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23) @ 1880 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.197 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.329 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.351 W/kg
SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 0.230 W/kg



0 dB = 0.230 W/kg = -6.38 dBW/kg

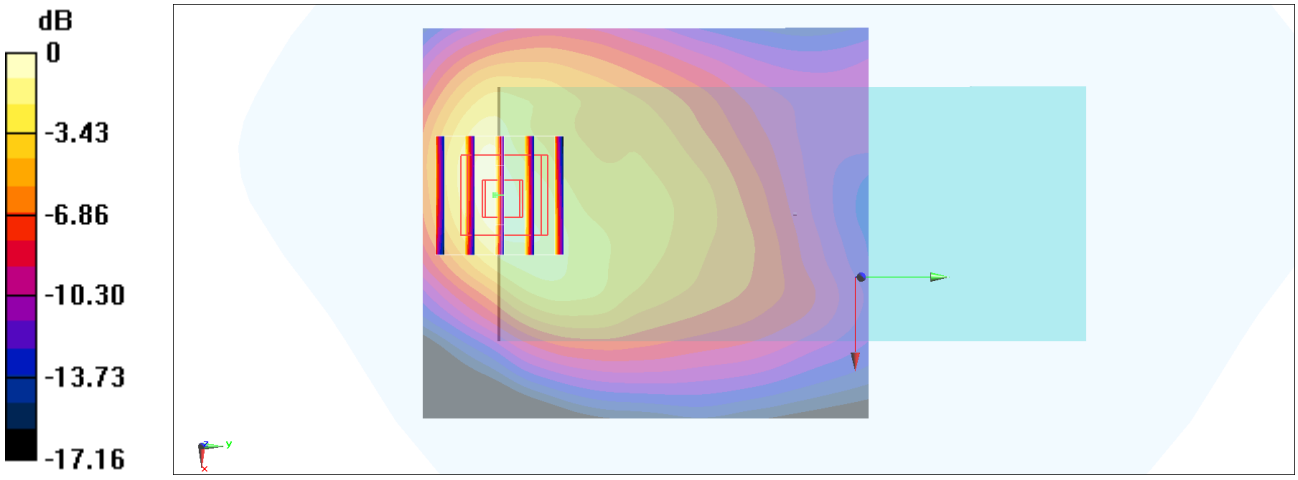
#35_WCDMA IV_RMC 12.2Kbps_Back_15mm_Ch1513

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200803 Medium parameters used: f = 1753 MHz; σ = 1.39 S/m; ε_r = 40.412; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.45, 5.45, 5.45) @ 1752.6 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.203 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.777 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.331 W/kg
SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.101 W/kg
Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.220 W/kg = -6.58 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/8/5

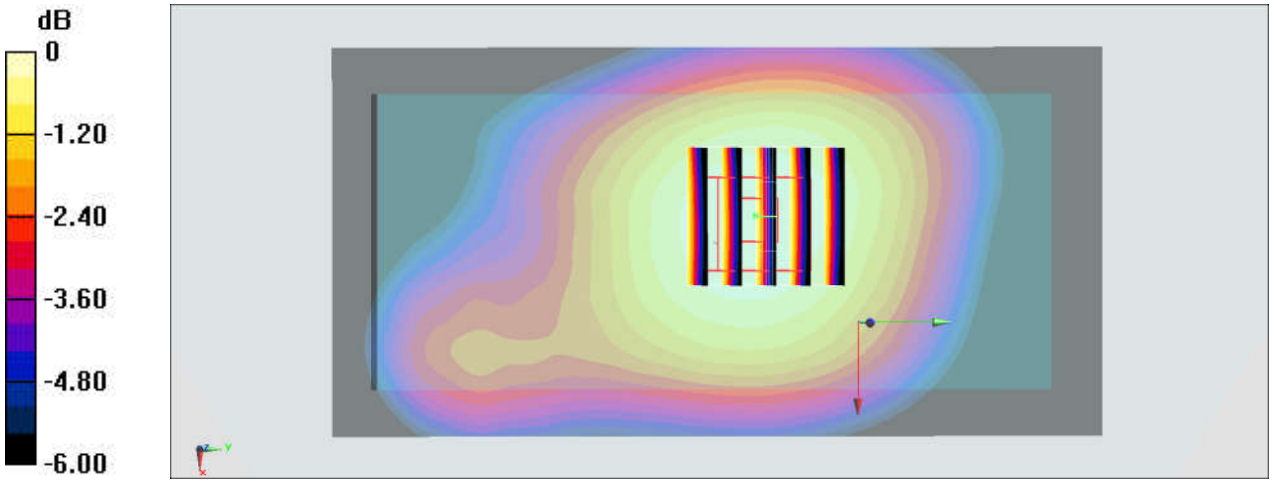
#36_WCDMA V_RMC 12.2Kbps_Back_15mm_Ch4233

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_850_200805 Medium parameters used: f = 847 MHz; σ = 0.935 S/m; ε_r = 41.209; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.43, 6.43, 6.43) @ 846.6 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.235 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.85 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.164 W/kg
Maximum value of SAR (measured) = 0.235 W/kg



0 dB = 0.235 W/kg = -6.29 dBW/kg

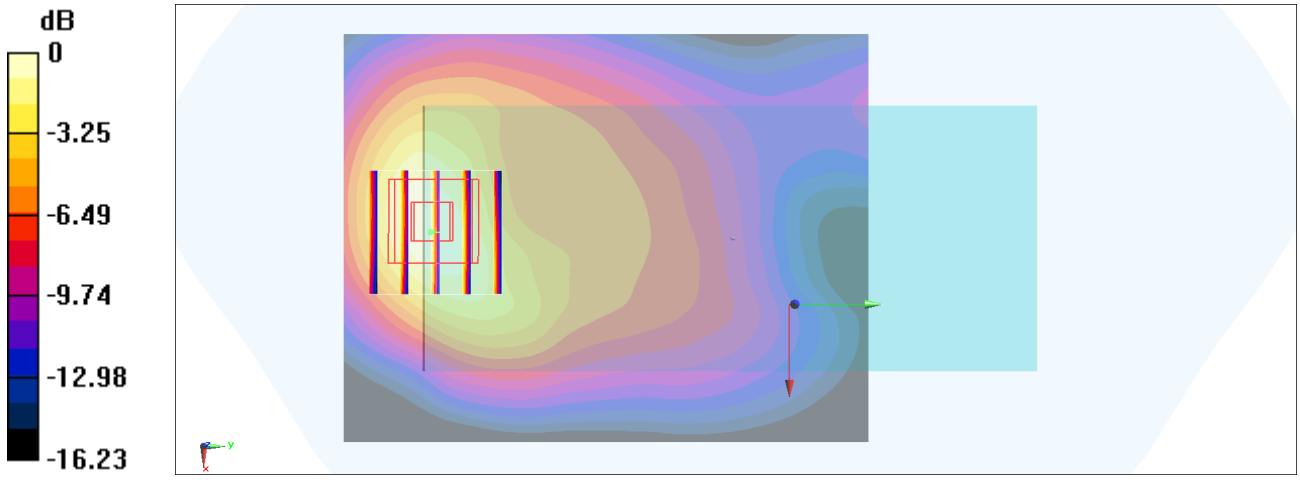
#37_LTE Band 2_20M_QPSK_50_50_Back_15mm_Ch18900

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200804 Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.396; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23) @ 1880 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.294 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.01 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.376 W/kg
SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 0.299 W/kg



0 dB = 0.299 W/kg = -5.24 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/8/5

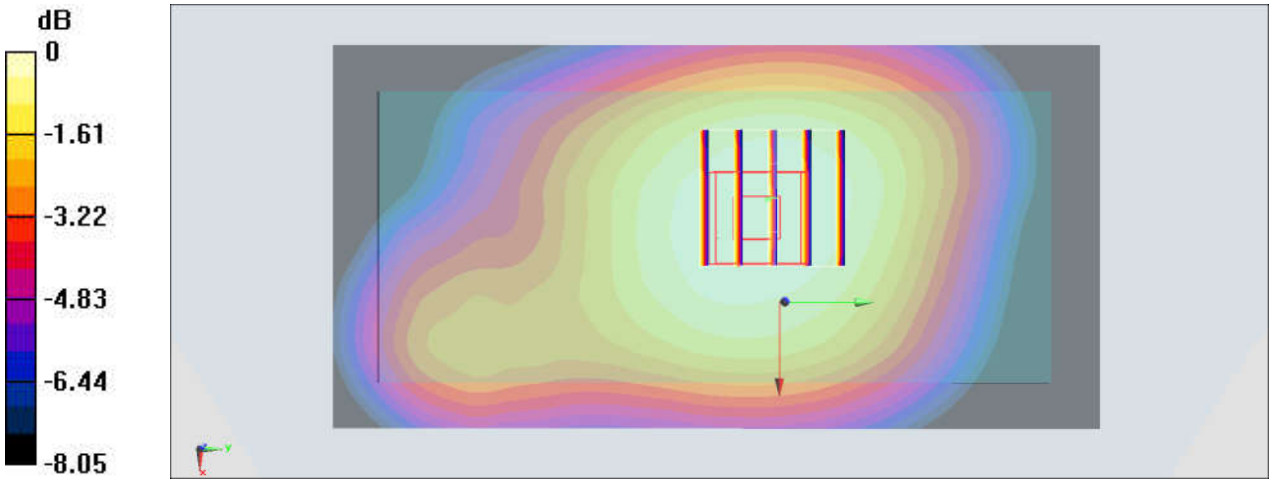
#38_LTE Band 5_10M_QPSK_1_0_Back_15mm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_200805 Medium parameters used: f = 836.5 MHz; σ = 0.925 S/m; ε_r = 41.348; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.43, 6.43, 6.43) @ 836.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.205 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.81 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.142 W/kg
Maximum value of SAR (measured) = 0.204 W/kg



0 dB = 0.204 W/kg = -6.90 dBW/kg

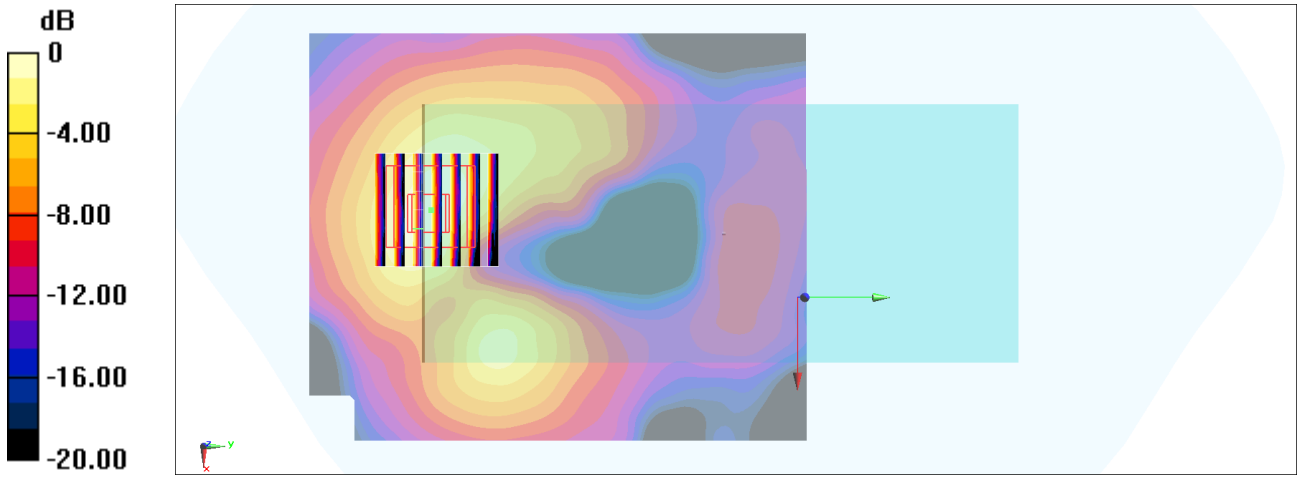
#39_LTE Band 7_20M_QPSK_50_24_Back_15mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_200803 Medium parameters used: f = 2560 MHz; σ = 1.964 S/m; ε_r = 38.482; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(4.49, 4.49, 4.49) @ 2560 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0651 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.258 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.108 W/kg
SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.0669 W/kg



0 dB = 0.0669 W/kg = -11.75 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/8/6

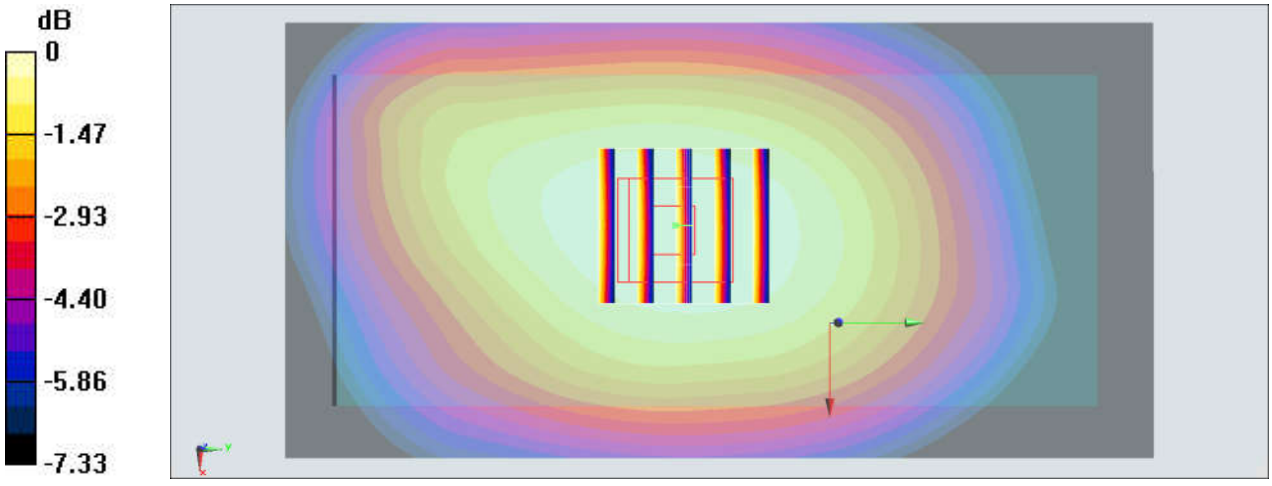
#40_LTE Band 12_10M_QPSK_1_0_Front_15mm_Ch23095

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_200806 Medium parameters used : f = 707.5 MHz; σ = 0.88 S/m; ε_r = 41.548; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.55, 6.55, 6.55) @ 707.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.157 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.12 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.175 W/kg
SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.109 W/kg
Maximum value of SAR (measured) = 0.154 W/kg



0 dB = 0.154 W/kg = -8.12 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2020/8/6

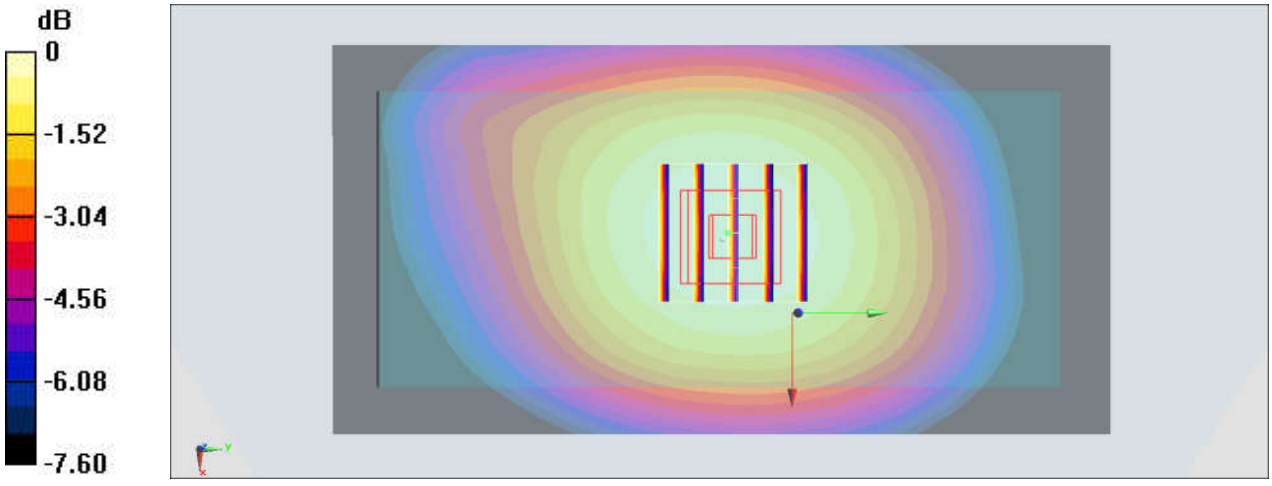
#41_LTE Band 13_10M_QPSK_1_49_Front_15mm_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_200806 Medium parameters used: f = 782 MHz; σ = 0.904 S/m; ε_r = 41.284; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.55, 6.55, 6.55) @ 782 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.312 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.36 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.355 W/kg
SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.218 W/kg
Maximum value of SAR (measured) = 0.312 W/kg



0 dB = 0.312 W/kg = -5.06 dBW/kg

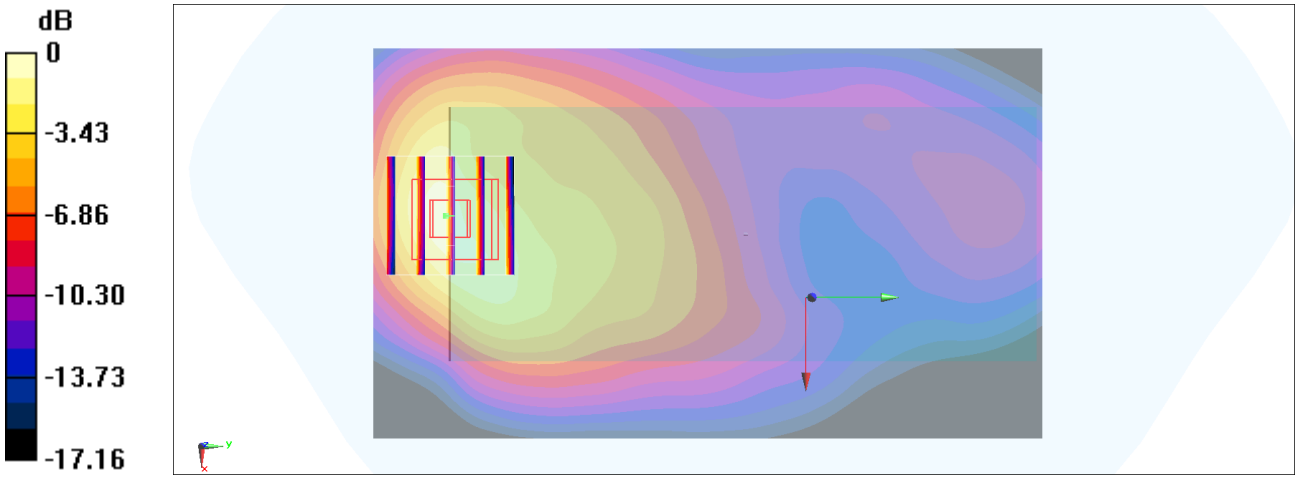
#42_LTE Band 66_20M_QPSK_50_50_Back_15mm_Ch132322

Communication System: LTE ; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200803 Medium parameters used: f = 1745 MHz; σ = 1.381 S/m; ε_r = 40.44; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(5.45, 5.45, 5.45) @ 1745 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.173 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.183 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.287 W/kg
SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.087 W/kg
Maximum value of SAR (measured) = 0.190 W/kg



0 dB = 0.190 W/kg = -7.21 dBW/kg

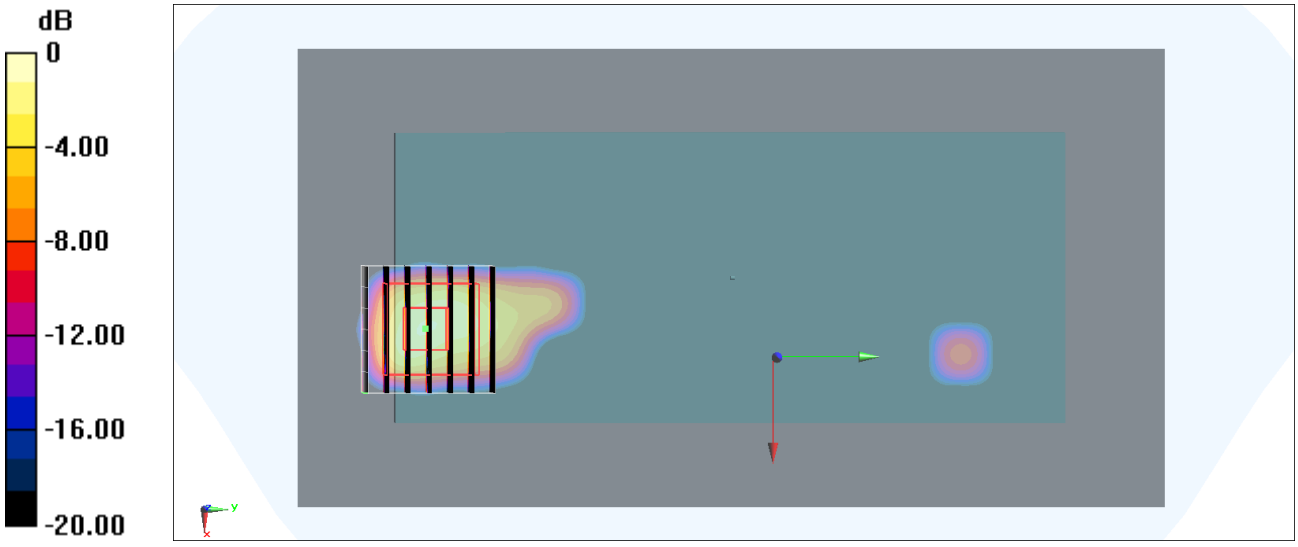
#43_LTE Band 48_20M_QPSK_1_0_Front_15mm_Ch55340

Communication System: LTE ; Frequency: 3560 MHz;Duty Cycle: 1:1.59
Medium: HSL_3500_200807 Medium parameters used: f = 3560 MHz; σ = 2.953 S/m; ε_r = 37.744; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(6.6, 6.6, 6.6) @ 3560 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0315 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 2.508 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0530 W/kg
SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00642 W/kg
Maximum value of SAR (measured) = 0.0414 W/kg



0 dB = 0.0414 W/kg = -13.83 dBW/kg

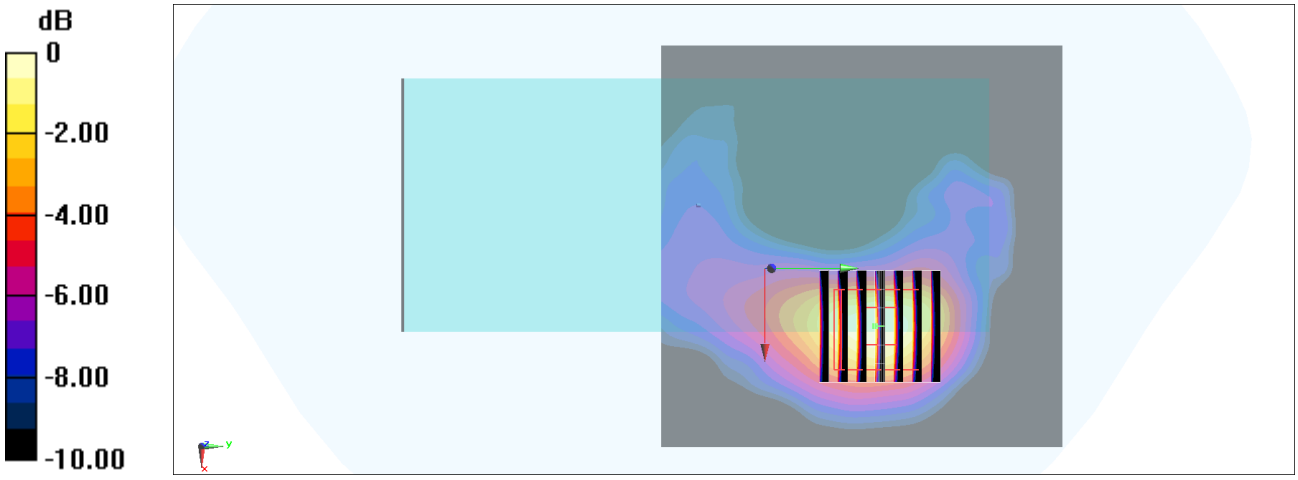
#44_WLAN2.4GHz_802.11b 1Mbps_Back_15mm_Ch1

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_200808 Medium parameters used: f = 2412 MHz; σ = 1.797 S/m; ε_r = 39.091; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69) @ 2412 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0621 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.443 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.0840 W/kg
SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.025 W/kg
Maximum value of SAR (measured) = 0.0607 W/kg



0 dB = 0.0607 W/kg = -12.17 dBW/kg

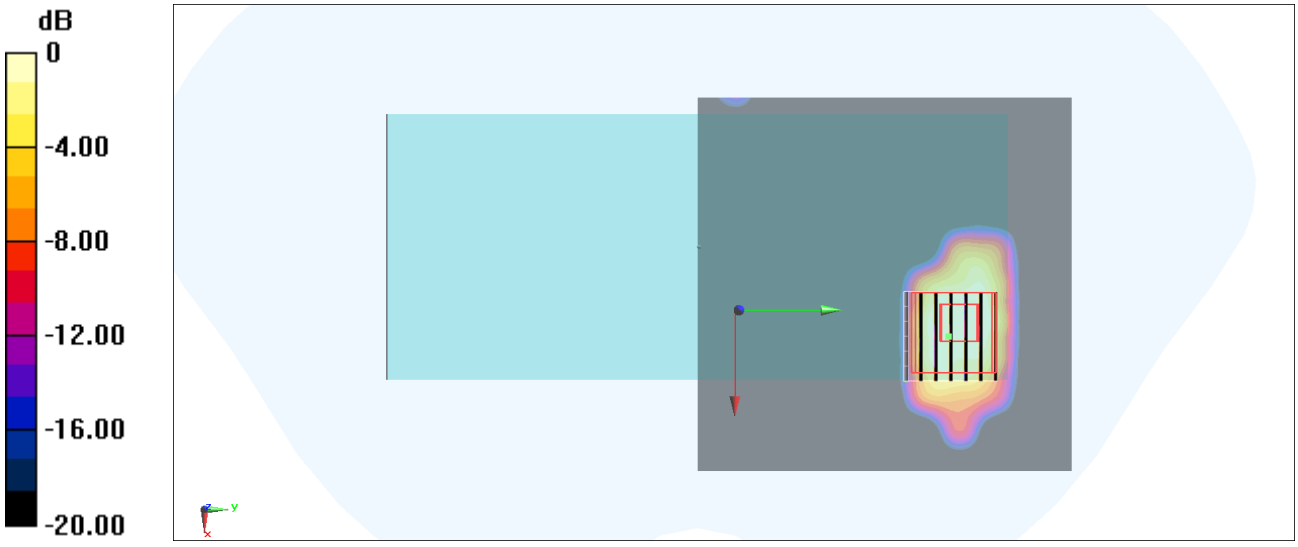
#45_WLAN5GHz_802.11ac-VHT80 MCS0_Back_15mm_Ch58

Communication System: 802.11ac; Frequency: 5290 MHz;Duty Cycle: 1:1
Medium: HSL_5G_200809 Medium parameters used : f = 5290 MHz; σ = 4.7 S/m; ε_r = 36.356; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(4.43, 4.43, 4.43) @ 5290 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.267 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.015 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.834 W/kg
SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.208 W/kg



0 dB = 0.208 W/kg = -6.82 dBW/kg

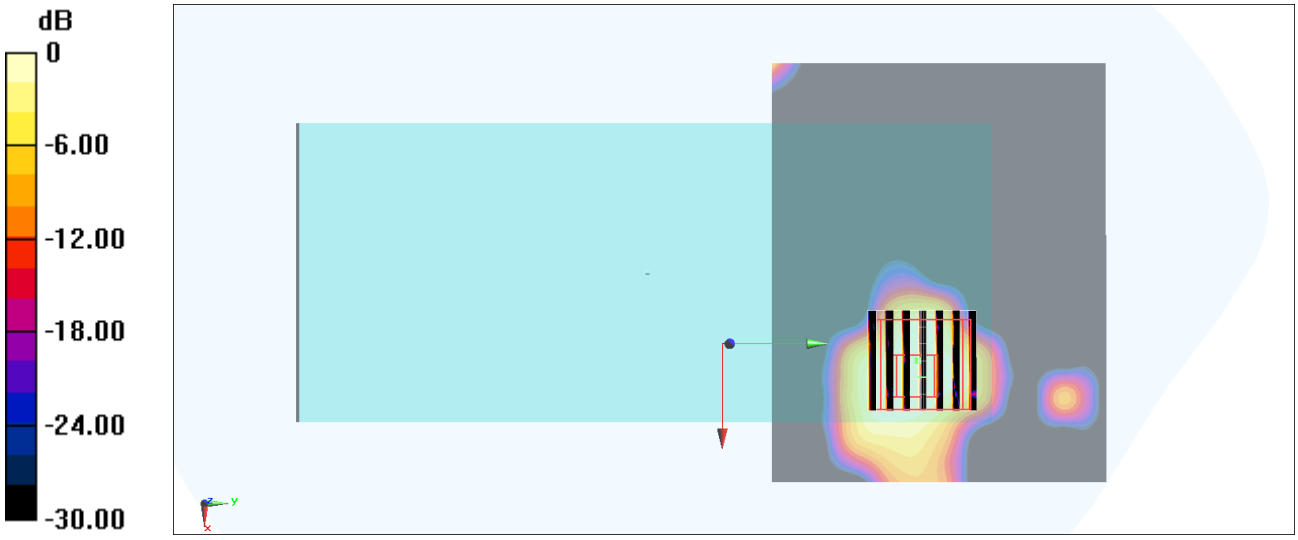
#46_WLAN5GHz_802.11ac-VHT80 MCS0_Back_15mm_Ch106

Communication System: 802.11ac; Frequency: 5530 MHz;Duty Cycle: 1:1
Medium: HSL_5G_200809 Medium parameters used: f = 5530 MHz; σ = 4.934 S/m; ε_r = 36.096; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(4.19, 4.19, 4.19) @ 5530 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.172 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.282 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.195 W/kg
SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.124 W/kg



0 dB = 0.124 W/kg = -9.07 dBW/kg

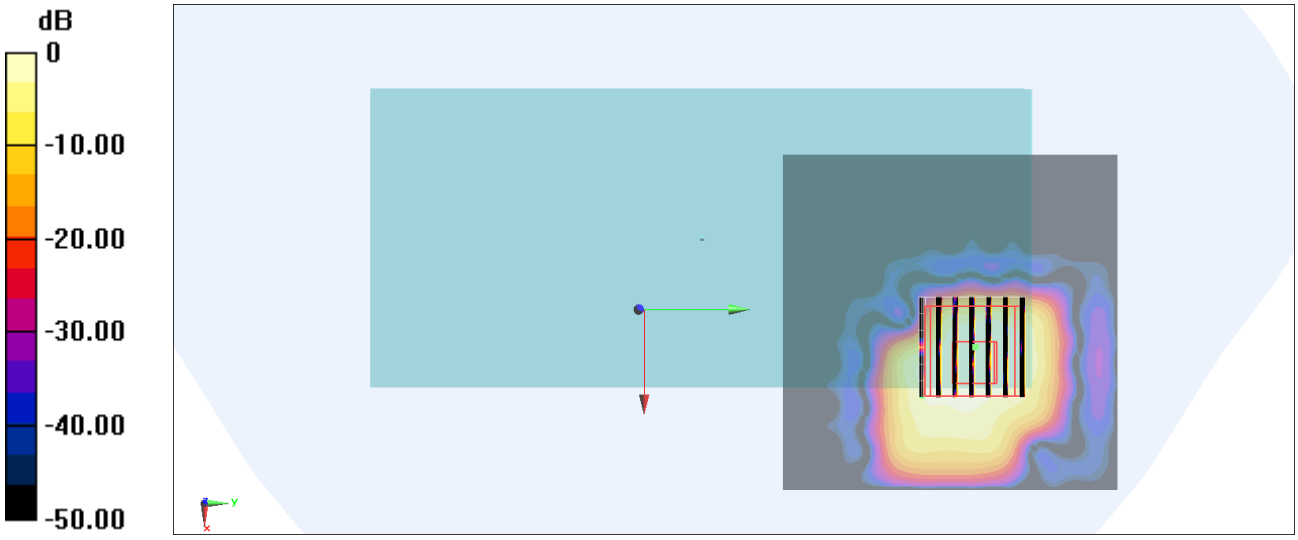
#47_WLAN5GHz_802.11ac-VHT80 MCS0_Back_15mm_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1
Medium: HSL_5G_200810 Medium parameters used: f = 5775 MHz; σ = 5.183 S/m; ε_r = 35.826; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(4.17, 4.17, 4.17) @ 5775 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.178 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.841 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.227 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.134 W/kg



0 dB = 0.134 W/kg = -8.73 dBW/kg

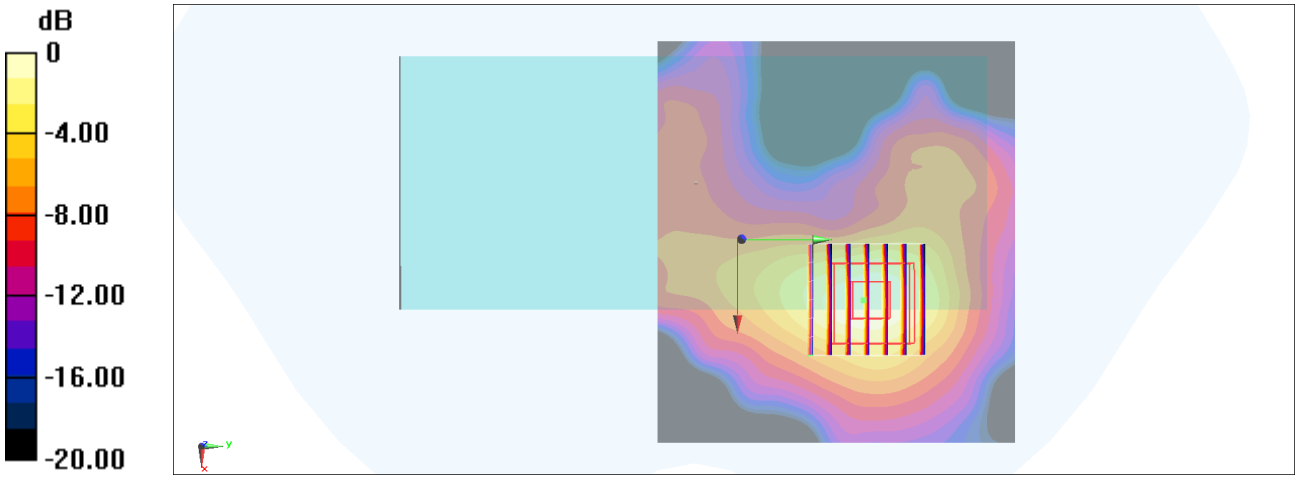
#48_Bluetooth_1Mbps_Back_15mm_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1.3
Medium: HSL_2450_200808 Medium parameters used : f = 2441 MHz; σ = 1.829 S/m; ε_r = 38.977; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69) @ 2441 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0644 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.264 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.0830 W/kg
SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.0633 W/kg



0 dB = 0.0633 W/kg = -11.99 dBW/kg

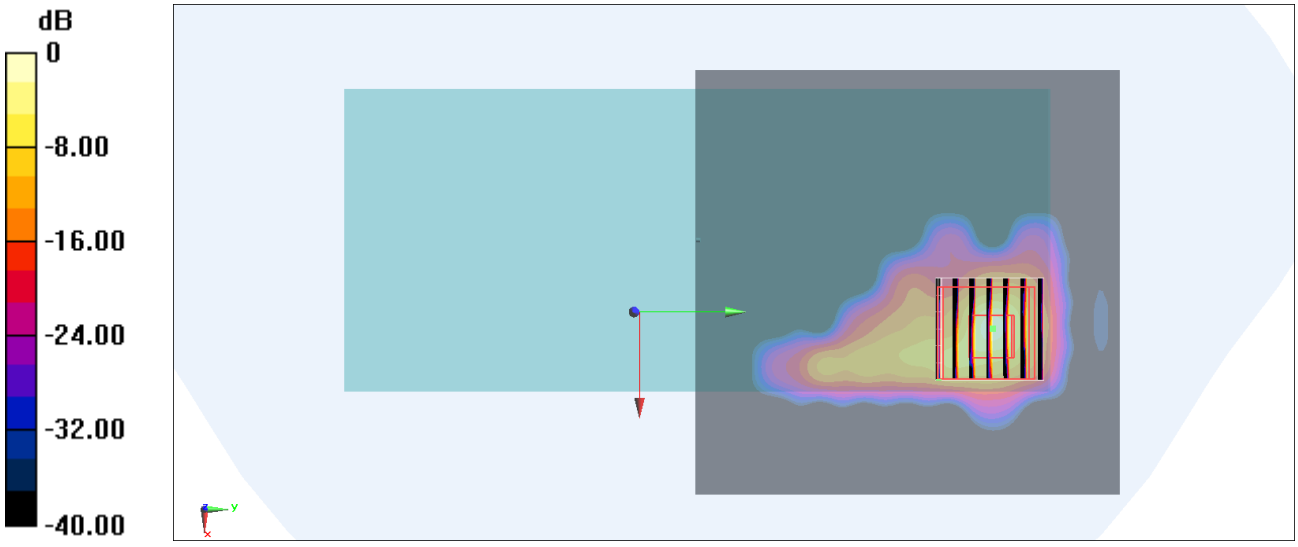
#49_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch58

Communication System: 802.11ac; Frequency: 5290 MHz;Duty Cycle: 1:1
Medium: HSL_5G_200809 Medium parameters used : f = 5290 MHz; σ = 4.7 S/m; ε_r = 36.356; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(4.43, 4.43, 4.43) @ 5290 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 5.27 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.680 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 13.0 W/kg
SAR(1 g) = 2.36 W/kg; SAR(10 g) = 0.432 W/kg
Maximum value of SAR (measured) = 6.87 W/kg



0 dB = 6.87 W/kg = 8.37 dBW/kg

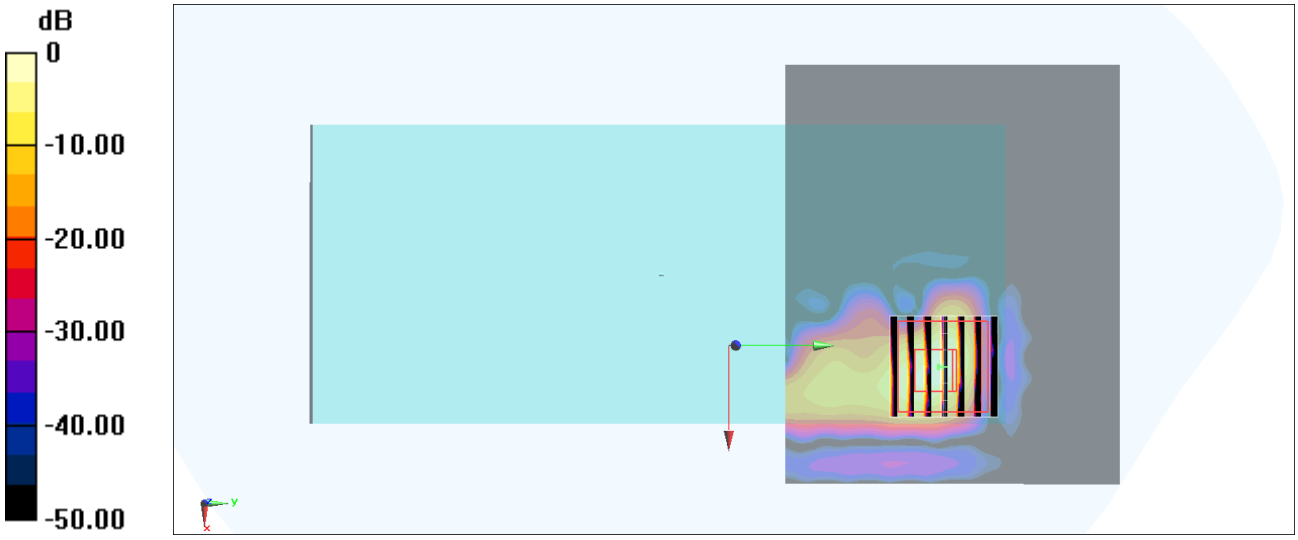
#50_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch106

Communication System: 802.11ac; Frequency: 5530 MHz;Duty Cycle: 1:1
Medium: HSL_5G_200809 Medium parameters used: f = 5530 MHz; σ = 4.934 S/m; ε_r = 36.096; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(4.19, 4.19, 4.19) @ 5530 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 4.12 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.43 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 6.97 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.221 W/kg
Maximum value of SAR (measured) = 3.98 W/kg



0 dB = 3.98 W/kg = 6.00 dBW/kg

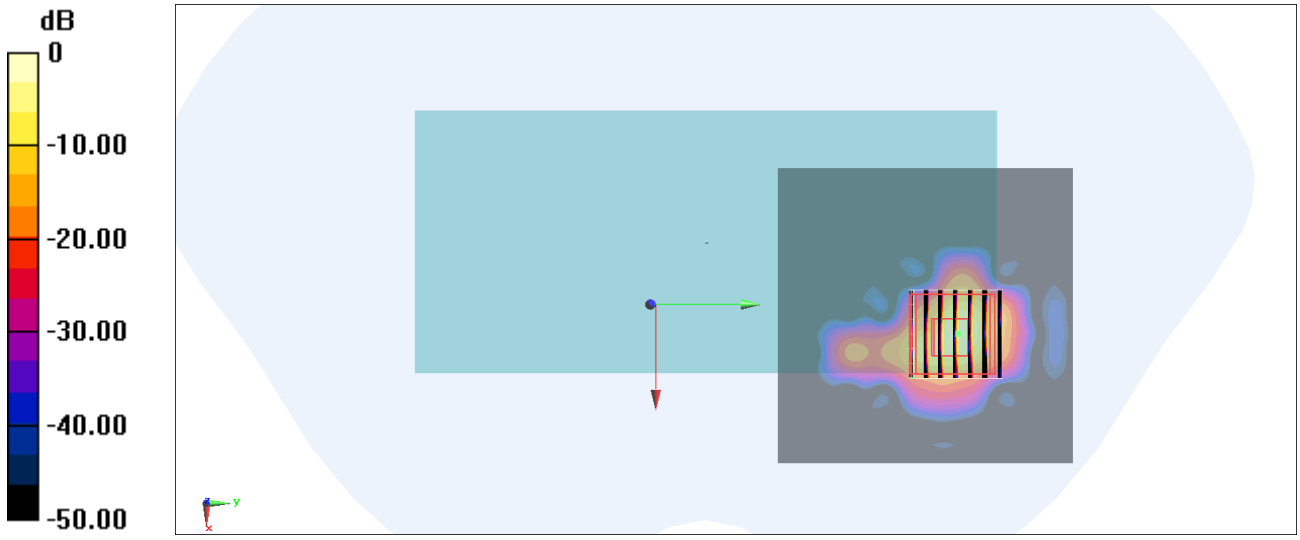
#51_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1
Medium: HSL_5G_200810 Medium parameters used: f = 5775 MHz; σ = 5.183 S/m; ε_r = 35.826; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3642; ConvF(4.17, 4.17, 4.17) @ 5775 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.04 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.17 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 11.5 W/kg
SAR(1 g) = 1.69 W/kg; SAR(10 g) = 0.324 W/kg
Maximum value of SAR (measured) = 5.99 W/kg



0 dB = 5.99 W/kg = 7.77 dBW/kg