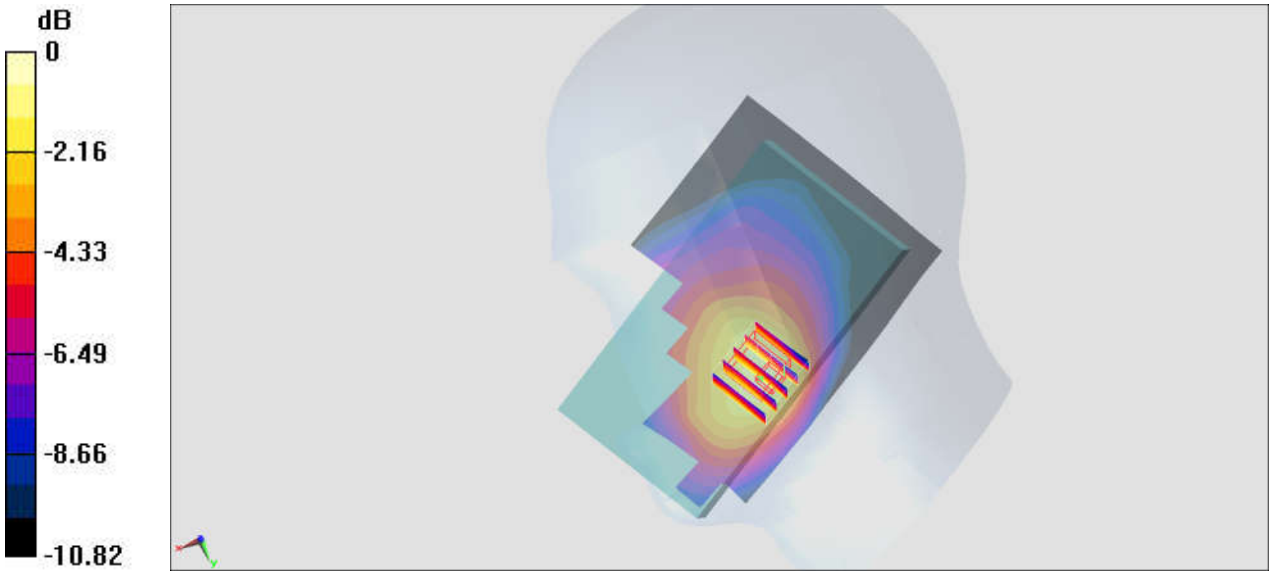
#01_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch189

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_180731 Medium parameters used : f = 836.4 MHz; σ = 0.881 S/m; ε_r = 42.758; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.468 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.97 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.654 W/kg
SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.275 W/kg
Maximum value of SAR (measured) = 0.534 W/kg



0 dB = 0.534 W/kg = -2.72 dBW/kg

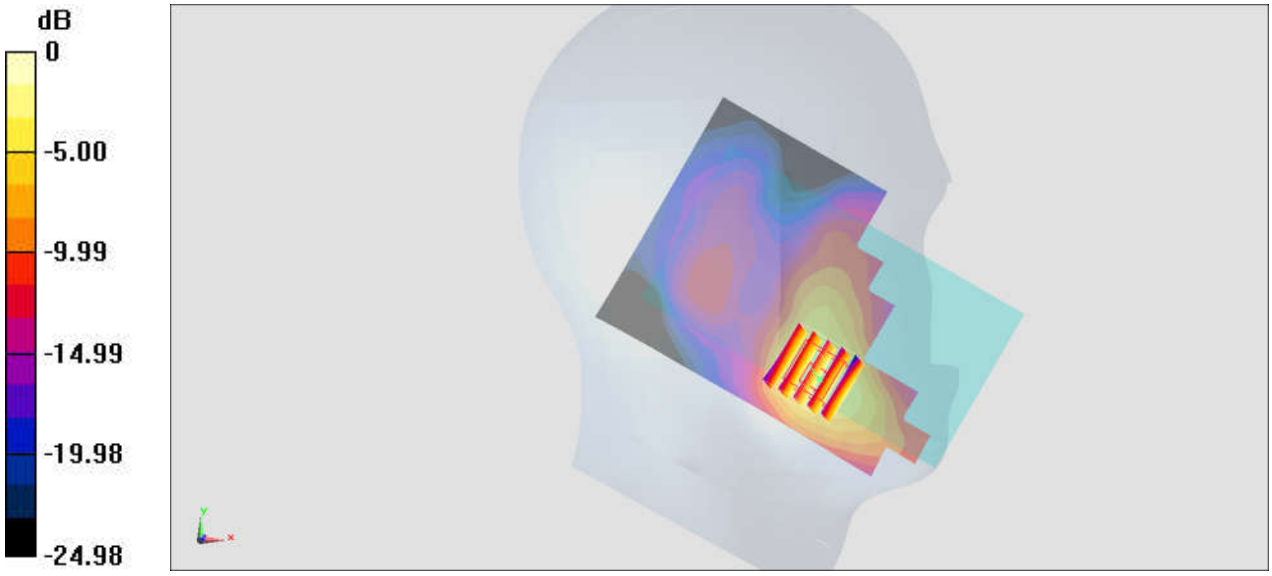
#02_GSM1900_GPRS (4 Tx slots)_Left Cheek_Ch661

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_180730 Medium parameters used: f = 1880 MHz; σ = 1.371 S/m; ε_r = 40.129; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(8.71, 8.71, 8.71) ; Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.417 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.92 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.718 W/kg
SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.219 W/kg
Maximum value of SAR (measured) = 0.602 W/kg



0 dB = 0.602 W/kg = -2.20 dBW/kg

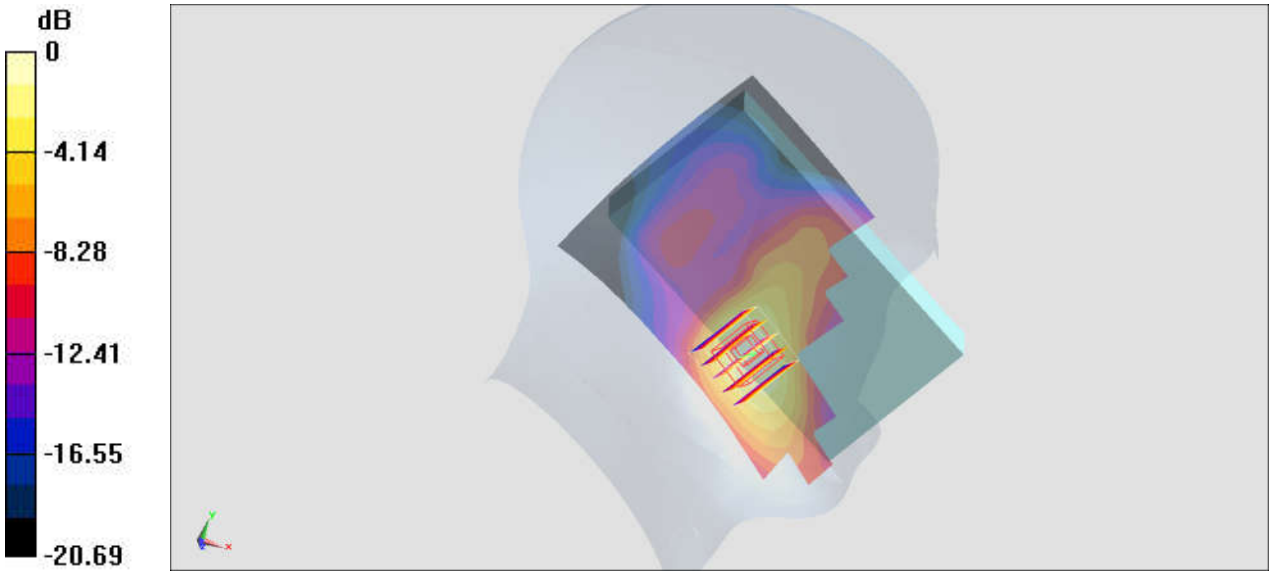
#03_WCDMA II_RMC 12.2Kbps_Left Cheek_Ch9400

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180730 Medium parameters used: f = 1880 MHz; σ = 1.371 S/m; ε_r = 40.129; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(8.71, 8.71, 8.71); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.691 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.63 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.870 W/kg
SAR(1 g) = 0.470 W/kg; SAR(10 g) = 0.262 W/kg
Maximum value of SAR (measured) = 0.707 W/kg



0 dB = 0.707 W/kg = -1.51 dBW/kg

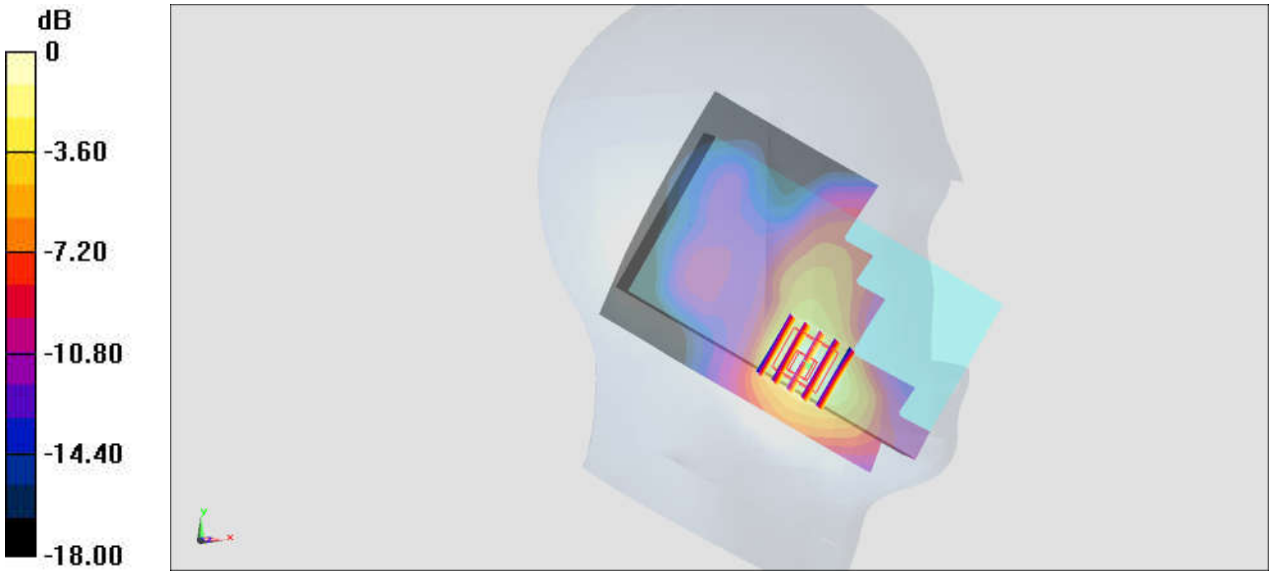
#04_WCDMA IV_RMC 12.2Kbps_Left Cheek_Ch1312

Communication System: WCDMA; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: HSL_1750_180730 Medium parameters used: f = 1712.4 MHz; σ = 1.354 S/m; ε_r = 40.655; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(8.99, 8.99, 8.99); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.491 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.39 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.619 W/kg
SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.193 W/kg
Maximum value of SAR (measured) = 0.488 W/kg



0 dB = 0.488 W/kg = -3.12 dBW/kg

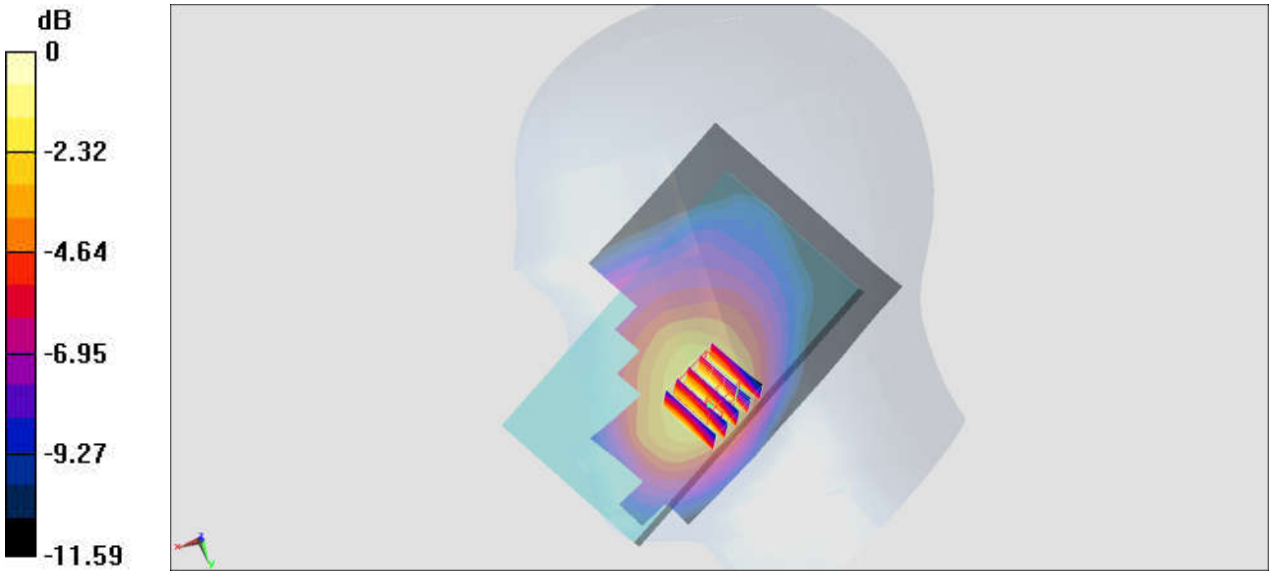
#05_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_180731 Medium parameters used : f = 836.4 MHz; σ = 0.881 S/m; ε_r = 42.758; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.383 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.49 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.215 W/kg
Maximum value of SAR (measured) = 0.461 W/kg



0 dB = 0.461 W/kg = -3.36 dBW/kg

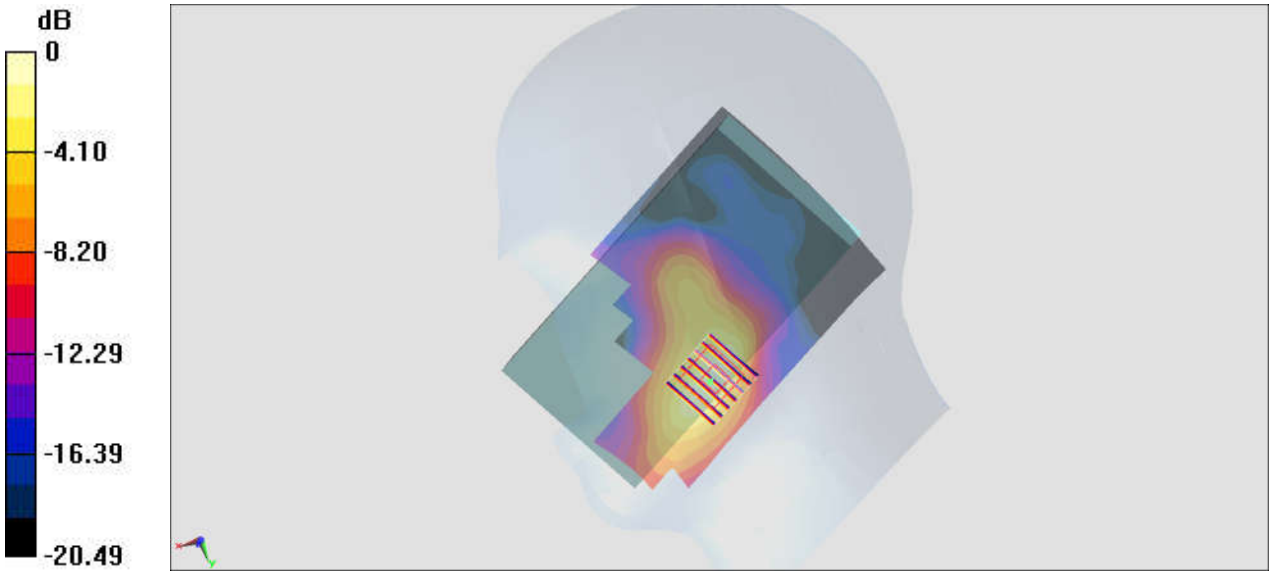
#06_LTE Band 7_20M_QPSK_1_0_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180727 Medium parameters used: f = 2560 MHz; σ = 1.904 S/m; ε_r = 39.629; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.54, 7.54, 7.54); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.769 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.05 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.991 W/kg
SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.230 W/kg
Maximum value of SAR (measured) = 0.734 W/kg



0 dB = 0.734 W/kg = -1.34 dBW/kg

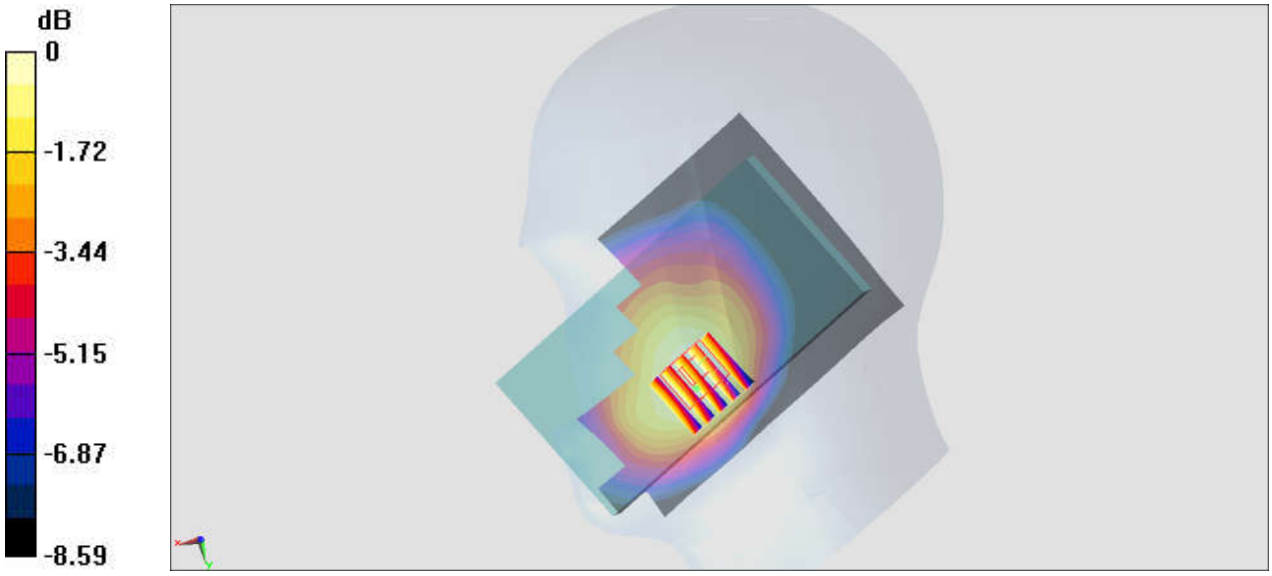
#07_LTE Band 12_10M_QPSK_1_0_Right Cheek_Ch23095

Communication System: LTE ; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_180801 Medium parameters used : f = 707.5 MHz; σ = 0.854 S/m; ε_r = 41.187; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(10.74, 10.74, 10.74); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.326 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.90 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.350 W/kg
SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.222 W/kg
Maximum value of SAR (measured) = 0.312 W/kg



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

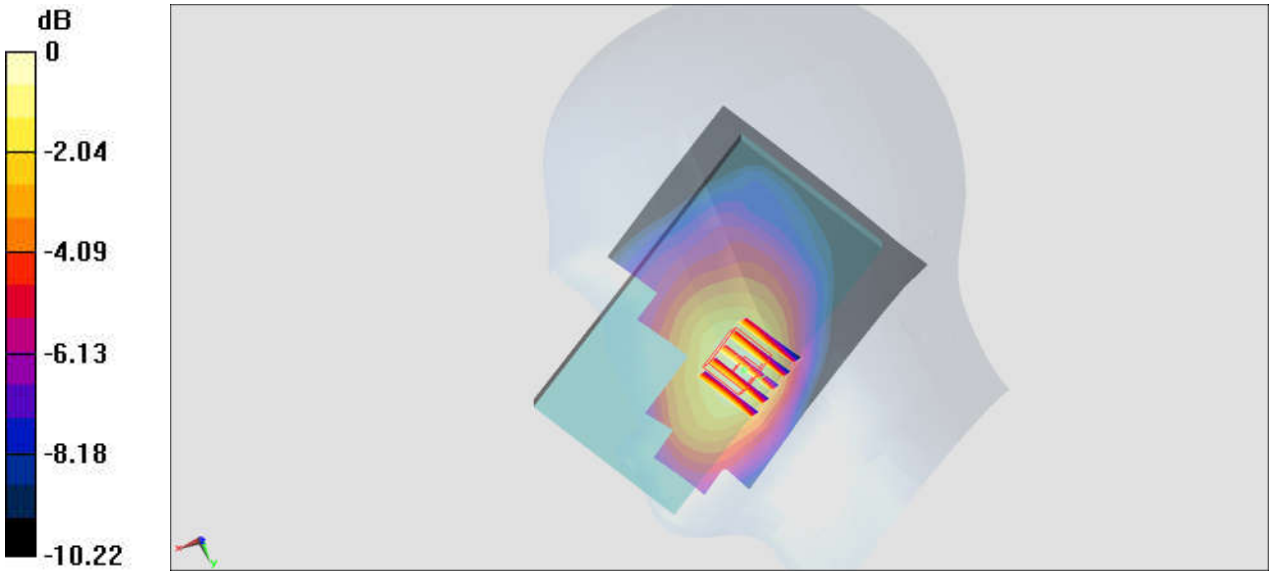
#08_LTE Band 13_10M_QPSK_1_0_Right Cheek_Ch23230

Communication System: LTE ; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_180801 Medium parameters used: f = 782 MHz; σ = 0.924 S/m; ε_r = 40.23; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(10.74, 10.74, 10.74); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.343 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.22 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.424 W/kg
SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.216 W/kg
Maximum value of SAR (measured) = 0.363 W/kg



0 dB = 0.363 W/kg = -4.40 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018/8/1

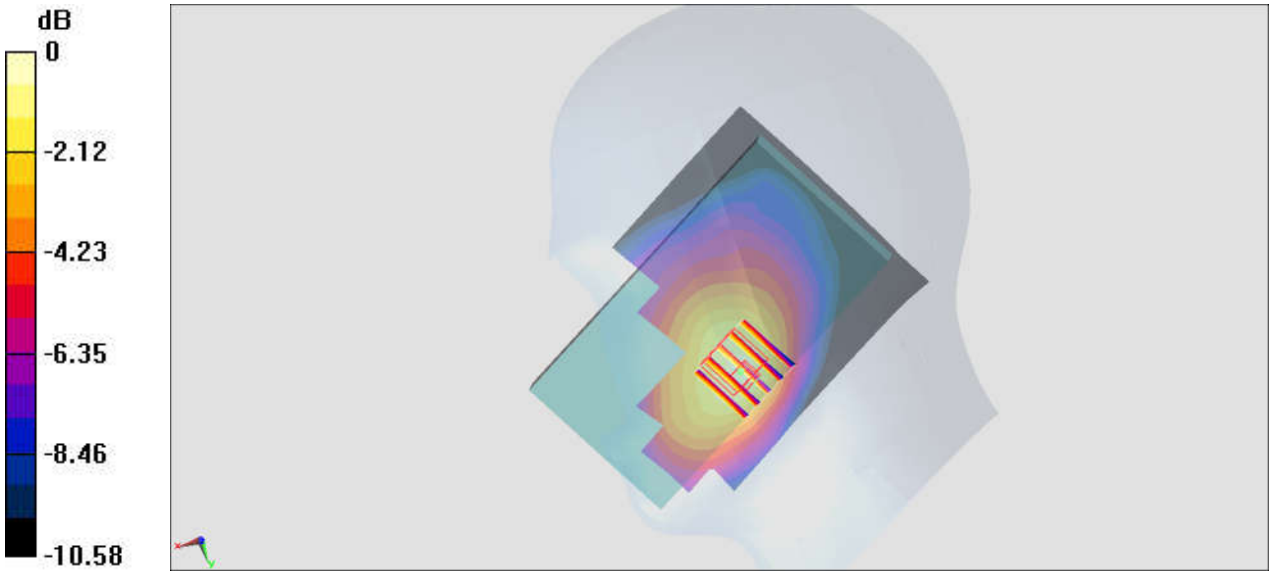
#09_LTE Band 14_10M_QPSK_1_0_Right Cheek_Ch23330

Communication System: LTE; Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750_180801 Medium parameters used: f = 793 MHz; σ = 0.933 S/m; ε_r = 40.093; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(10.74, 10.74, 10.74); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.366 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.51 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.465 W/kg
SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.226 W/kg
Maximum value of SAR (measured) = 0.396 W/kg



0 dB = 0.396 W/kg = -4.02 dBW/kg

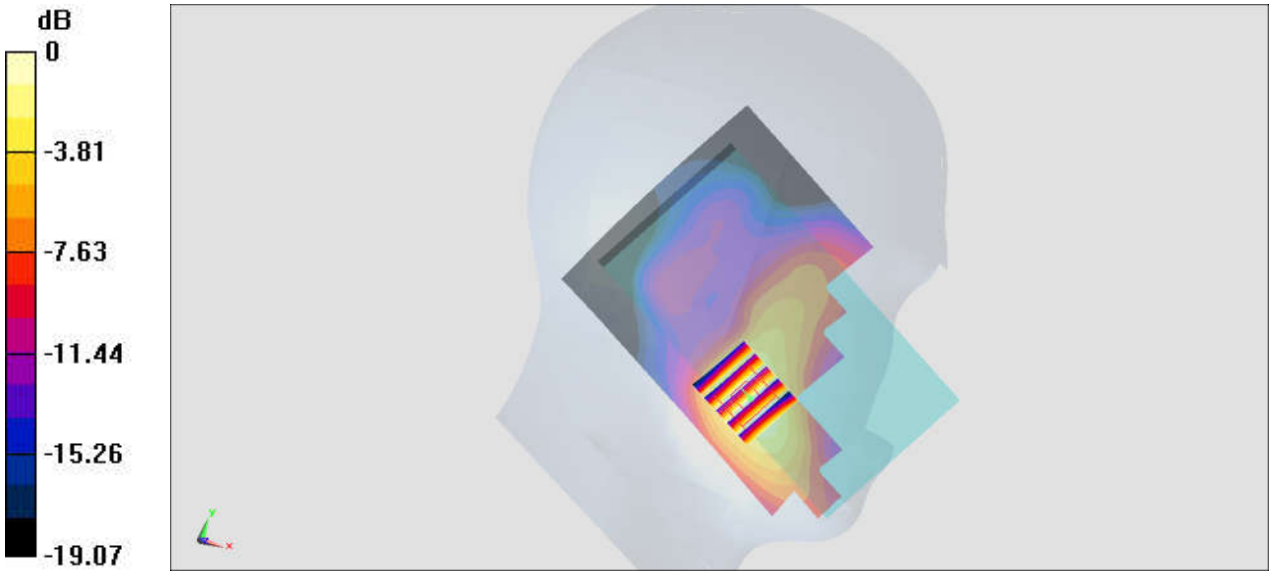
#10_LTE Band 25_20M_QPSK_1_0_Left Cheek_Ch26340

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180730 Medium parameters used: f = 1880 MHz; σ = 1.371 S/m; ε_r = 40.129; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(8.71, 8.71, 8.71); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.663 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.24 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.829 W/kg
SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.254 W/kg
Maximum value of SAR (measured) = 0.685 W/kg



0 dB = 0.685 W/kg = -1.64 dBW/kg

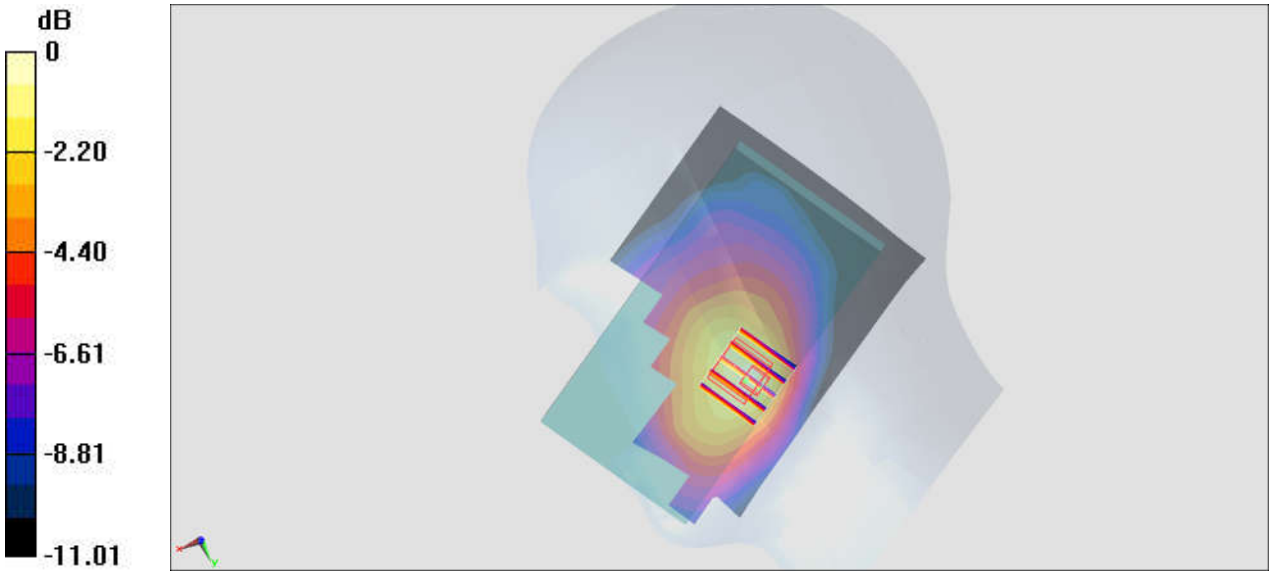
#11_LTE Band 26_15M_QPSK_1_0_Right Cheek_Ch26865

Communication System: LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_180731 Medium parameters used : f = 831.5 MHz; σ = 0.877 S/m; ε_r = 42.825; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.258 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.89 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.358 W/kg
SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.147 W/kg
Maximum value of SAR (measured) = 0.286 W/kg



0 dB = 0.286 W/kg = -5.44 dBW/kg

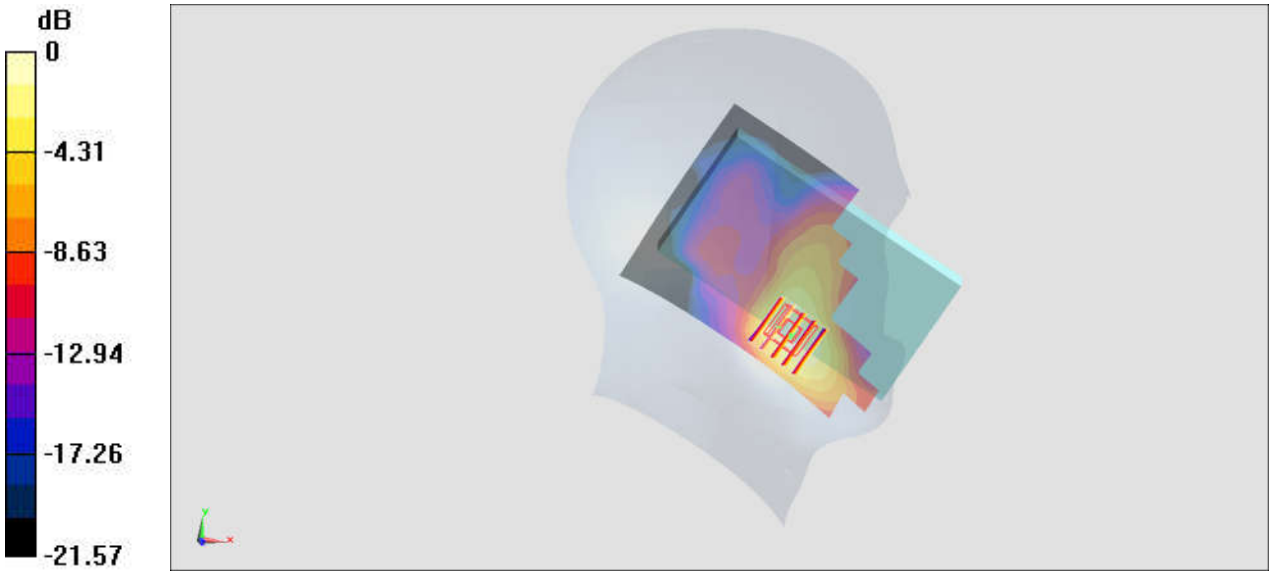
#12_LTE Band 66_20M_QPSK_1_0_Left Cheek_Ch132572

Communication System: LTE; Frequency: 1770 MHz;Duty Cycle: 1:1
Medium: HSL_1750_180730 Medium parameters used: f = 1770 MHz; σ = 1.406 S/m; ε_r = 40.471; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(8.99, 8.99, 8.99); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.420 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.91 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.596 W/kg
SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 0.491 W/kg



0 dB = 0.491 W/kg = -3.09 dBW/kg

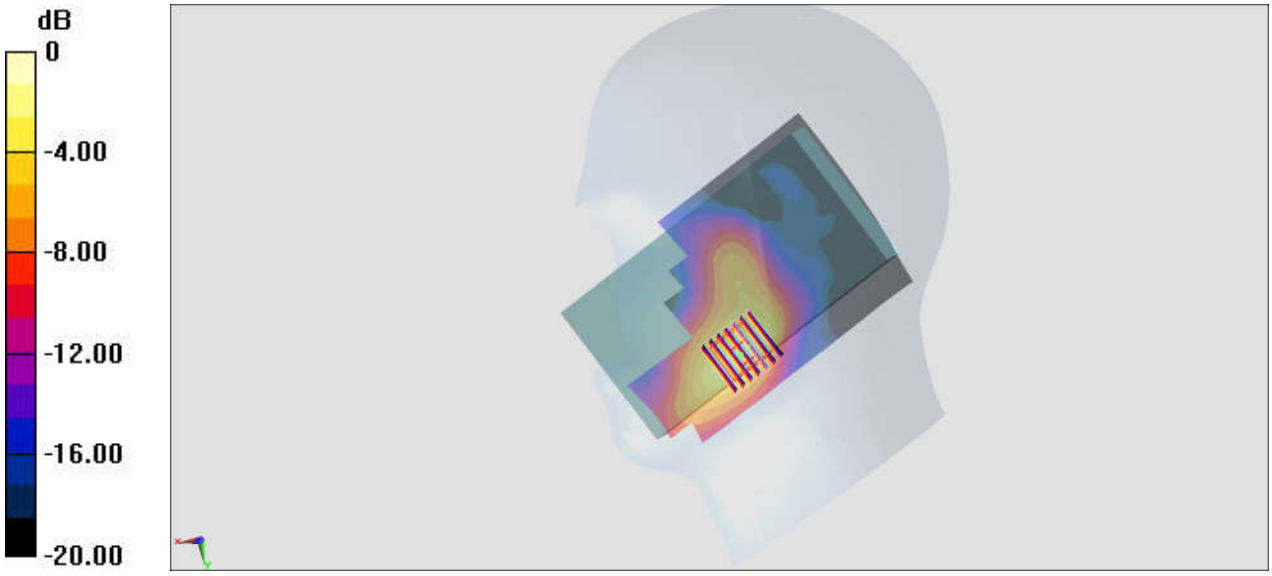
#13_LTE Band 41_20M_QPSK_1_0_Right Cheek_Ch40185

Communication System: LTE; Frequency: 2549.5 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_180727 Medium parameters used: f = 2550 MHz; σ = 1.893 S/m; ε_r = 39.664; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(7.54, 7.54, 7.54); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.582 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.17 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.742 W/kg
SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.168 W/kg
Maximum value of SAR (measured) = 0.570 W/kg



0 dB = 0.570 W/kg = -2.44 dBW/kg

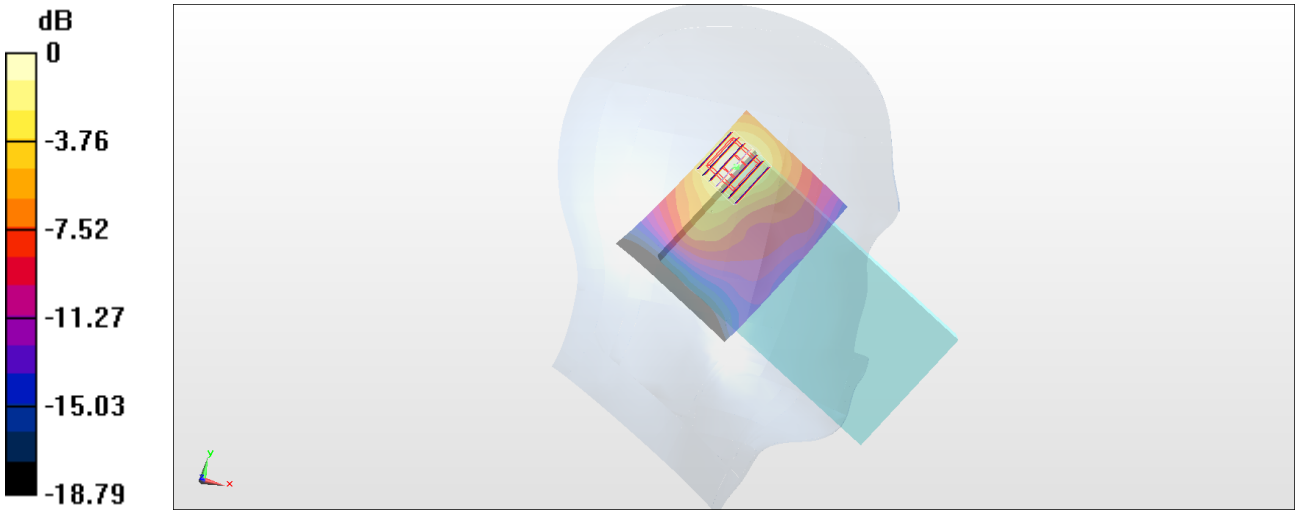
#14_WLAN2.4GHz_802.11b 1Mbps_Left Tilted_Ch6;Ant 2

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.014
Medium: HSL_2450_180811 Medium parameters used : f = 2437 MHz; σ = 1.808 S/m; ε_r = 40.508; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN7306;ConvF(7.43, 7.43, 7.43);Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (91x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.877 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.63 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.305 W/kg
Maximum value of SAR (measured) = 0.922 W/kg



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

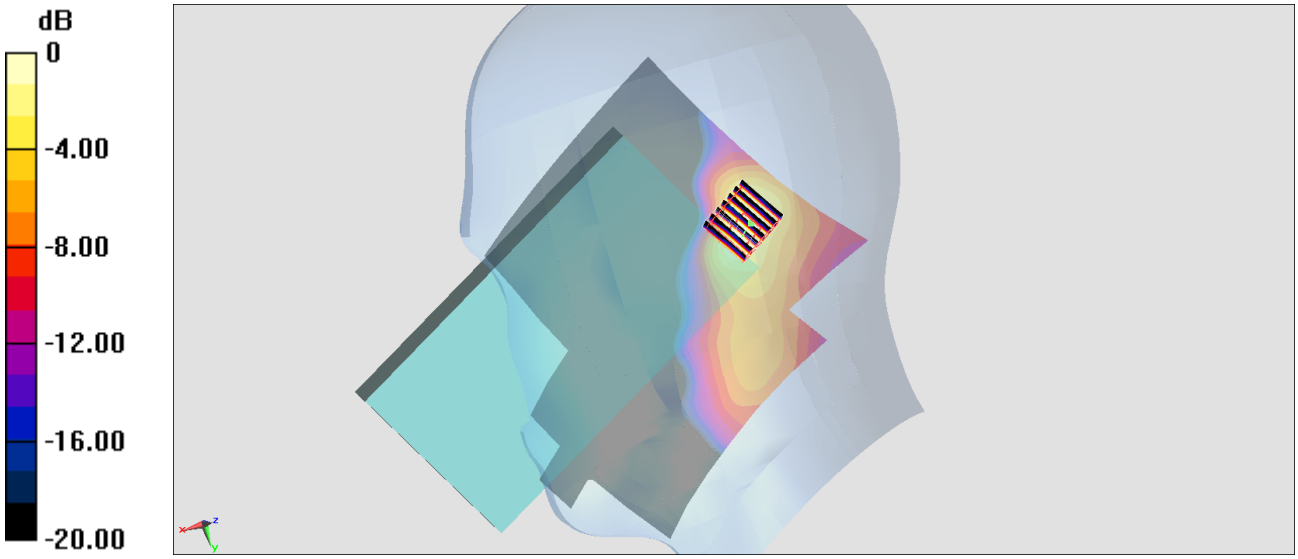
#15_WLAN5GHz_802.11n-HT40 MCS0_Right Tilted_Ch54;Ant 2

Communication System: 802.11n ; Frequency: 5270 MHz;Duty Cycle: 1:1.168
Medium: HSL_5G_180809 Medium parameters used: f = 5270 MHz; σ = 4.604 S/m; ε_r = 36.703; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(5.08, 5.08, 5.08) ; Calibrated: 2018/5/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (141x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.379 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.517 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.620 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.066 W/kg
Maximum value of SAR (measured) = 0.408 W/kg



0 dB = 0.408 W/kg = -3.89 dBW/kg

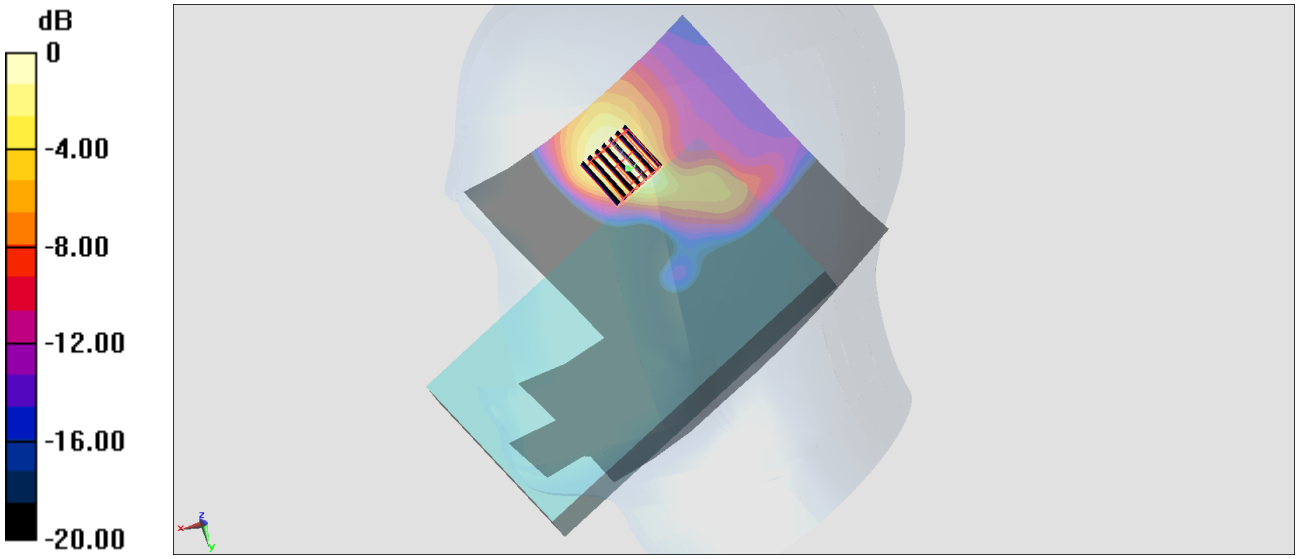
#16_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch138;Ant 1

Communication System: 802.11ac ; Frequency: 5690 MHz;Duty Cycle: 1:1.167
Medium: HSL_5G_180809 Medium parameters used : f = 5690 MHz; σ = 5.037 S/m; ε_r =36.153; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(4.89, 4.89, 4.89) ; Calibrated: 2018/5/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (141x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.512 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.343 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.944 W/kg
SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.088 W/kg
Maximum value of SAR (measured) = 0.590 W/kg



0 dB = 0.590 W/kg = -2.29 dBW/kg

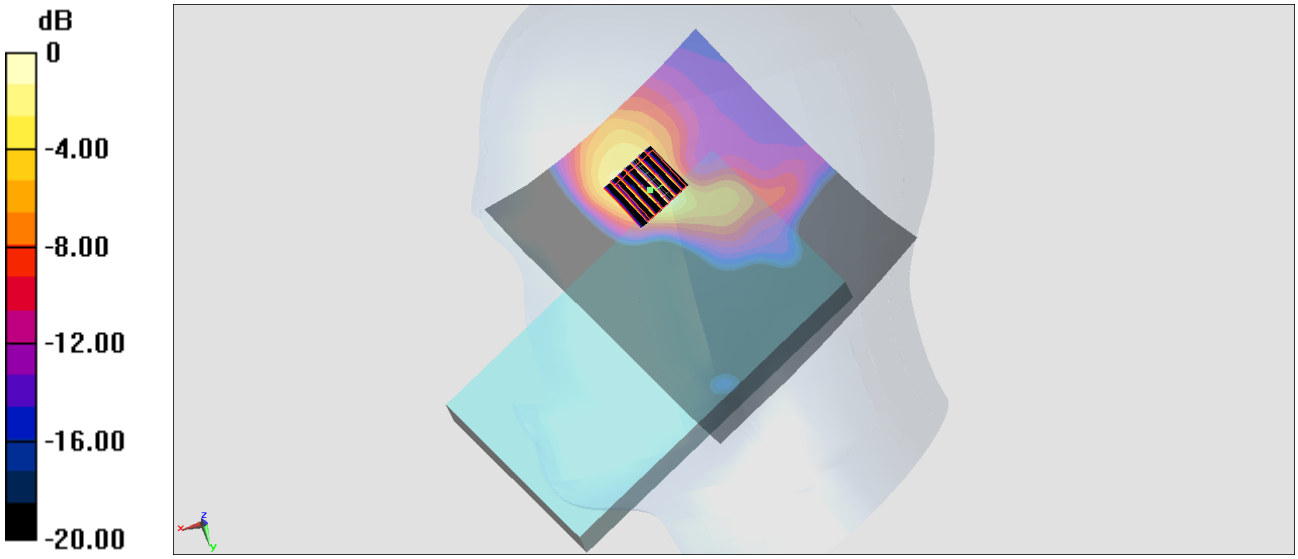
#17_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch155;Ant 1

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: HSL_5G_180809 Medium parameters used: f = 5775 MHz; σ = 5.128 S/m; ε_r = 36.026; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(4.89, 4.89, 4.89) ; Calibrated: 2018/5/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (141x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.613 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.688 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.095 W/kg
Maximum value of SAR (measured) = 0.640 W/kg



0 dB = 0.640 W/kg = -1.94 dBW/kg

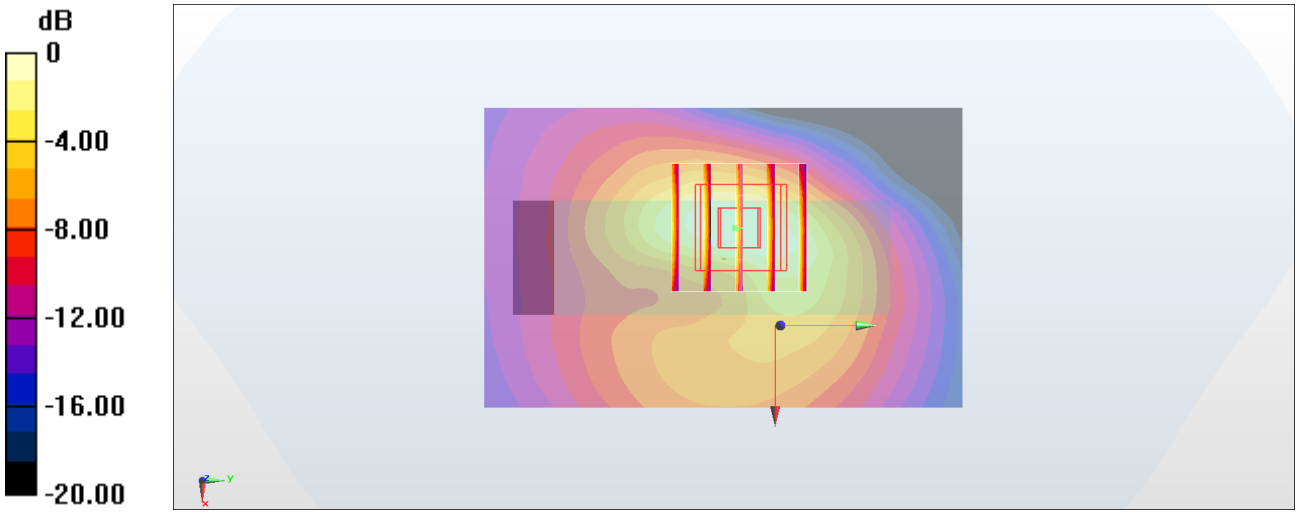
#18_GSM850_GPRS (4 Tx slots)_Bottom Side_10mm_Ch189

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_180807 Medium parameters used: f = 836.4 MHz; σ = 0.949 S/m; ε_r = 54.927; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3169;ConvF(6.19, 6.19, 6.19);Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.749 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.91 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.994 W/kg
SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.341 W/kg
Maximum value of SAR (measured) = 0.745 W/kg



0 dB = 0.745 W/kg = -1.28 dBW/kg

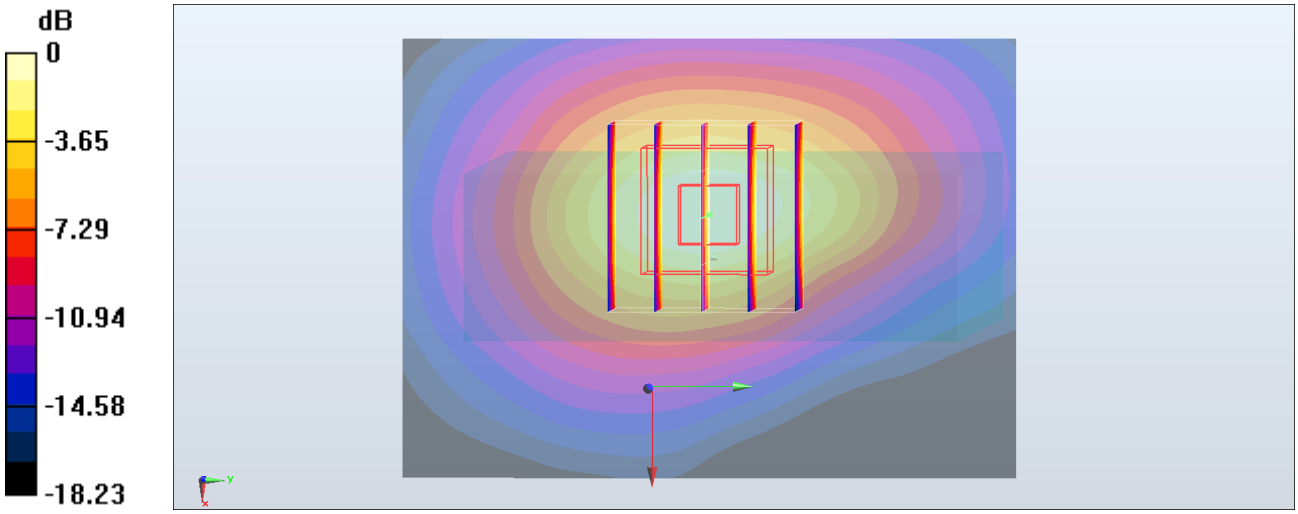
#19_GSM1900_GPRS (4 Tx slots)_Bottom Side_10mm_Ch512

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_180809 Medium parameters used : f = 1850.2 MHz; σ = 1.503 S/m; ε_r = 51.891; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3169;ConvF(4.8, 4.8, 4.8);Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.22 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.30 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.531 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

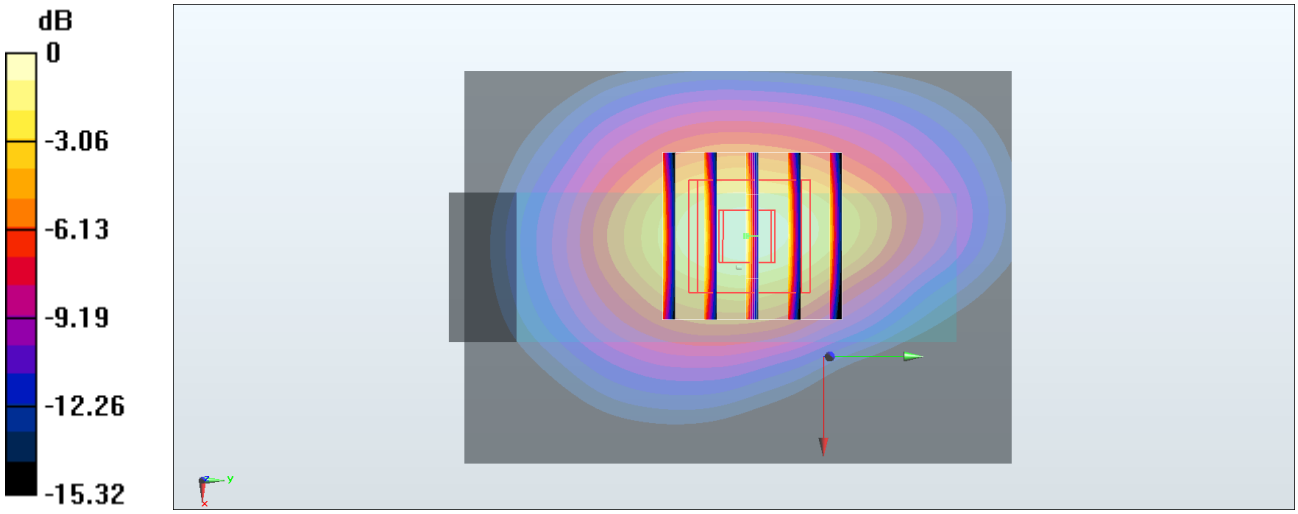
#20_WCDMA II_RMC 12.2Kbps_Bottom Side_10mm_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180809 Medium parameters used: f = 1908 MHz; σ = 1.565 S/m; ε_r = 51.687; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3169;ConvF(4.8, 4.8, 4.8);Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.44 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.59 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.686 W/kg
Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

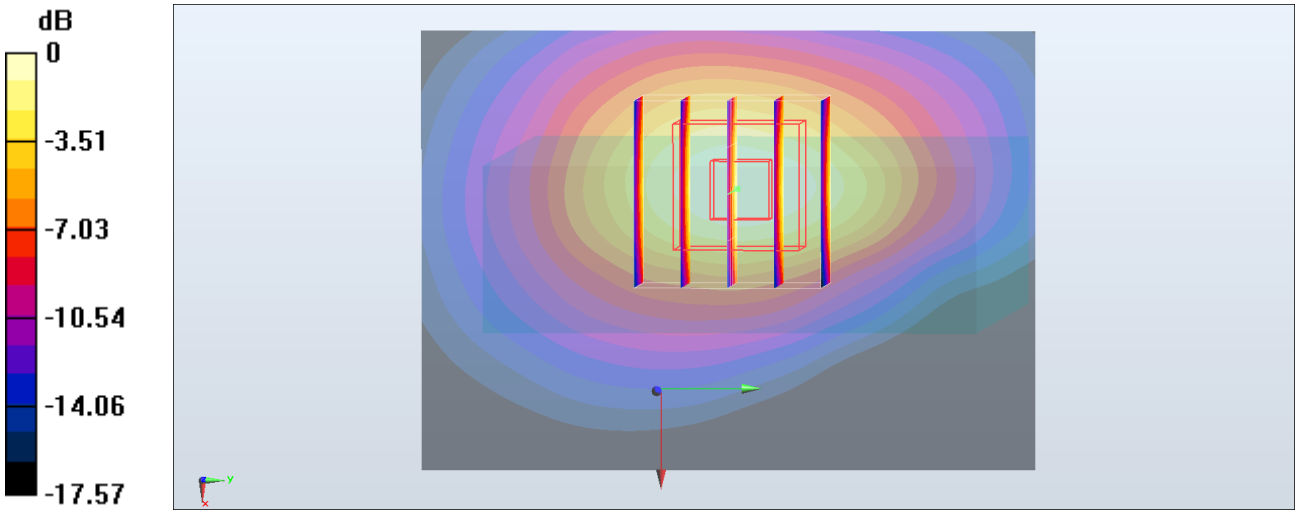
#21_WCDMA IV_RMC 12.2Kbps_Bottom Side_10mm_Ch1513

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_180809 Medium parameters used: f = 1753 MHz; σ = 1.466 S/m; ε_r = 55.12; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN7306;ConvF(8.22, 8.22, 8.22);Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.61 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.68 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.607 W/kg
Maximum value of SAR (measured) = 1.53 W/kg



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

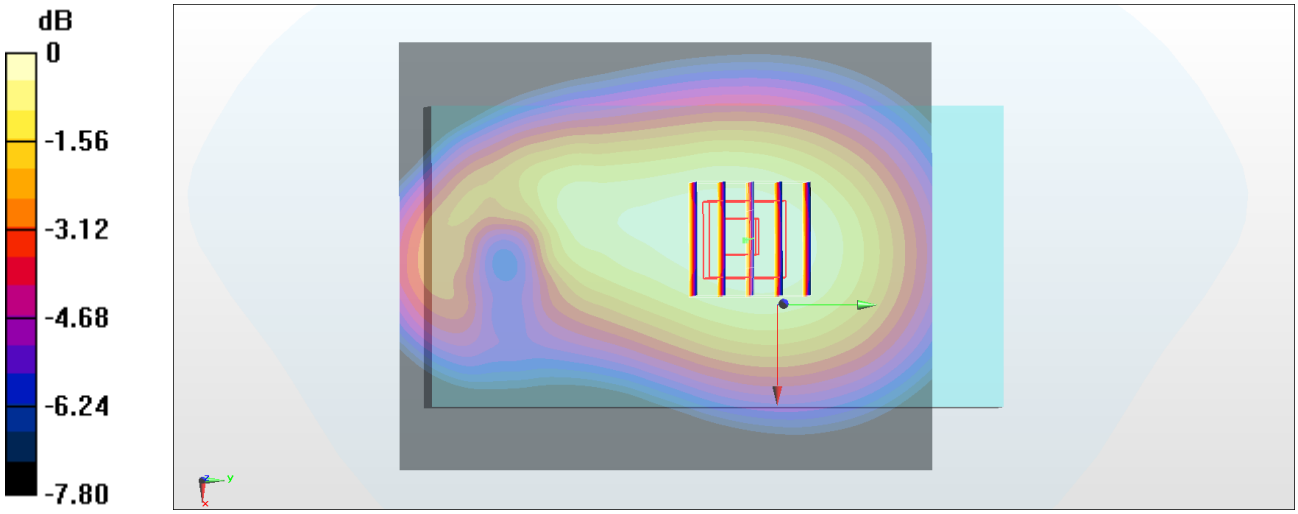
#22_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_180807 Medium parameters used: f = 836.4 MHz; σ = 0.949 S/m; ε_r = 54.927; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3169;ConvF(6.19, 6.19, 6.19);Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.492 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.08 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.571 W/kg
SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.339 W/kg
Maximum value of SAR (measured) = 0.493 W/kg



0 dB = 0.493 W/kg = -3.07 dBW/kg

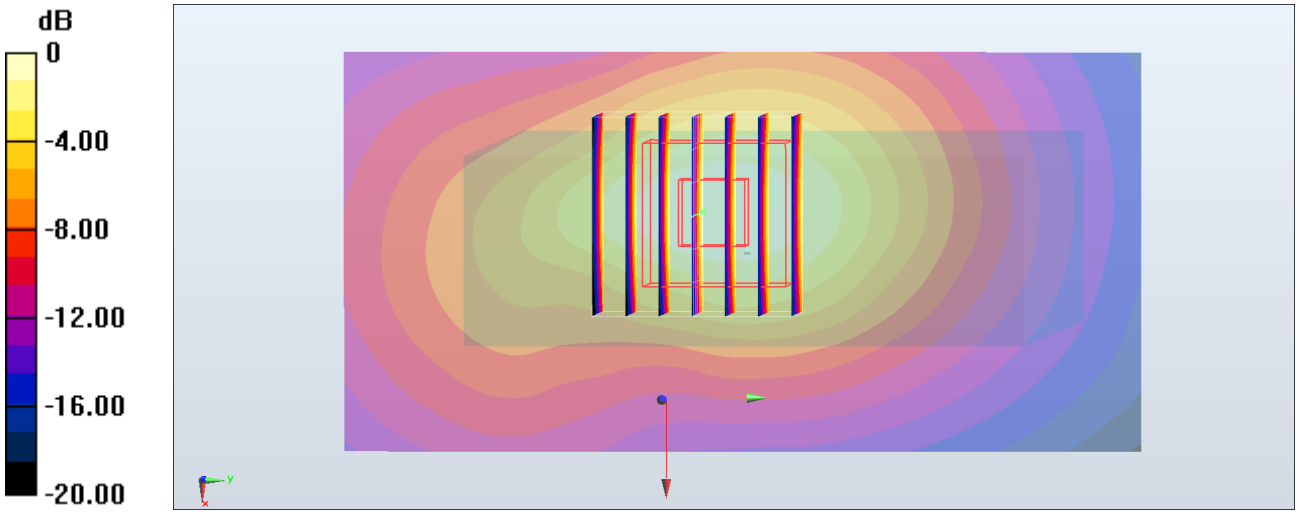
#23_LTE Band 7_20M_QPSK_1_0_Bottom Side_10mm_Ch20850

Communication System: LTE; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180804 Medium parameters used: f = 2510 MHz; σ = 2.029 S/m; ε_r = 53.336; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3976;ConvF(7.37, 7.37, 7.37);Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.74 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.78 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.08 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.549 W/kg
Maximum value of SAR (measured) = 1.69 W/kg



0 dB = 1.69 W/kg = 2.28 dBW/kg

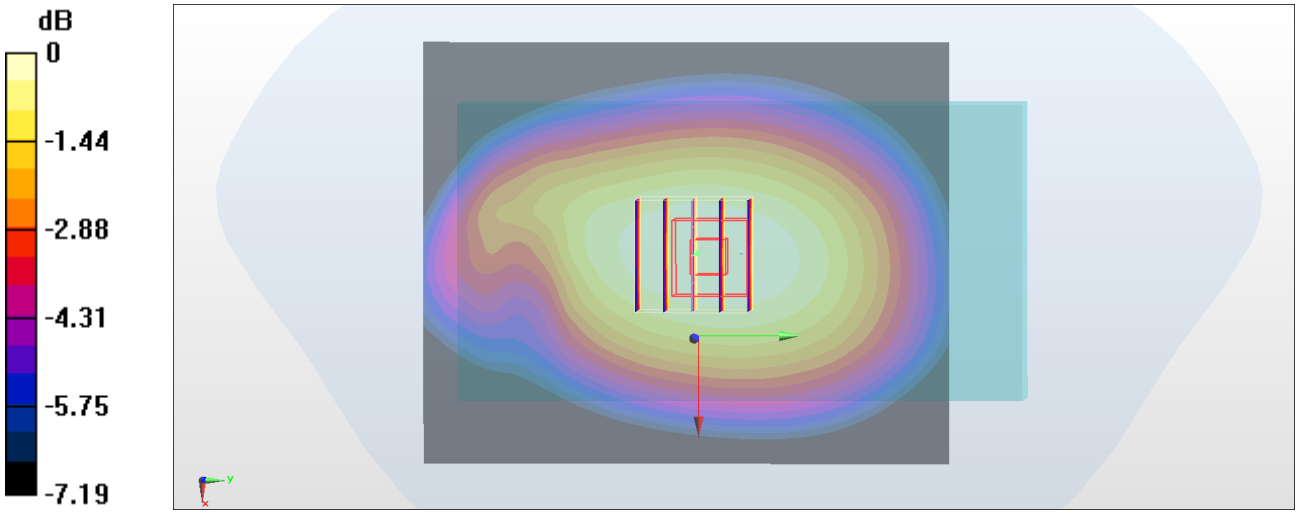
#24_LTE Band 12_10M_QPSK_1_0_Back_10mm_Ch23095

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: MSL_750_180805 Medium parameters used : f = 707.5 MHz; σ = 0.934 S/m; ε_r = 54.704; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3976;ConvF(10.37, 10.37, 10.37);Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.631 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.90 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.683 W/kg
SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.406 W/kg
Maximum value of SAR (measured) = 0.625 W/kg



0 dB = 0.625 W/kg = -2.04 dBW/kg

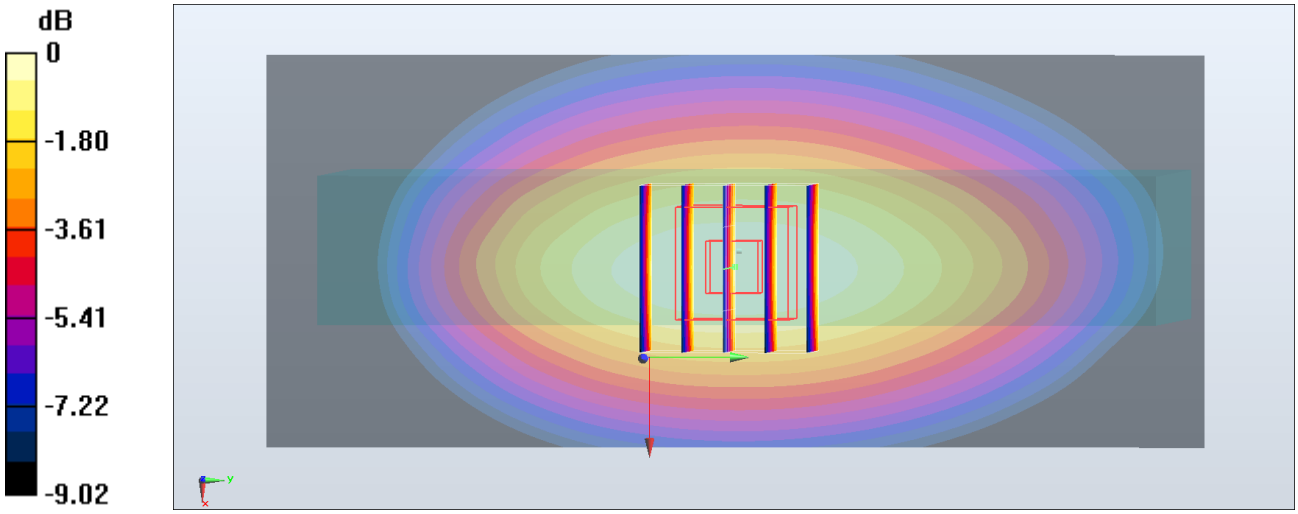
#25_LTE Band 13_10M_QPSK_1_0_Right Side_10mm_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_180805 Medium parameters used: f = 782 MHz; σ = 1.004 S/m; ε_r = 53.996; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3976;ConvF(10.37, 10.37, 10.37);Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.645 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.33 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.713 W/kg
SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.352 W/kg
Maximum value of SAR (measured) = 0.636 W/kg



0 dB = 0.636 W/kg = -1.97 dBW/kg

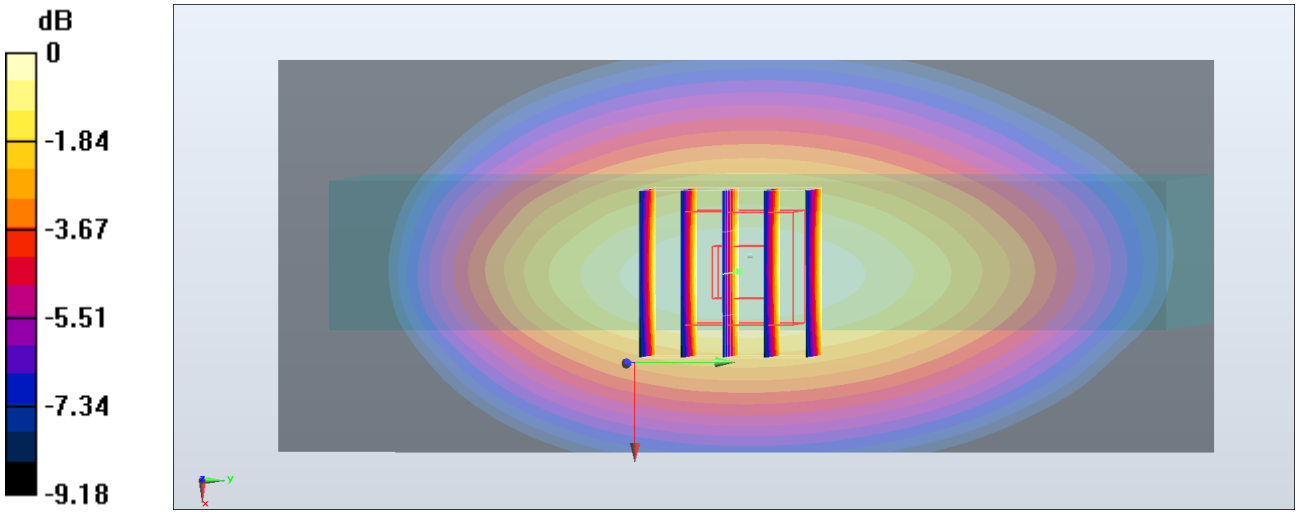
#26_LTE Band 14_10M_QPSK_1_0_Right Side_10mm_Ch23330

Communication System: LTE; Frequency: 793 MHz;Duty Cycle: 1:1
Medium: MSL_750_180805 Medium parameters used: f = 793 MHz; σ = 1.015 S/m; ε_r = 53.887; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3976;ConvF(10.37, 10.37, 10.37);Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.656 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.45 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.730 W/kg
SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.358 W/kg
Maximum value of SAR (measured) = 0.650 W/kg



0 dB = 0.650 W/kg = -1.87 dBW/kg

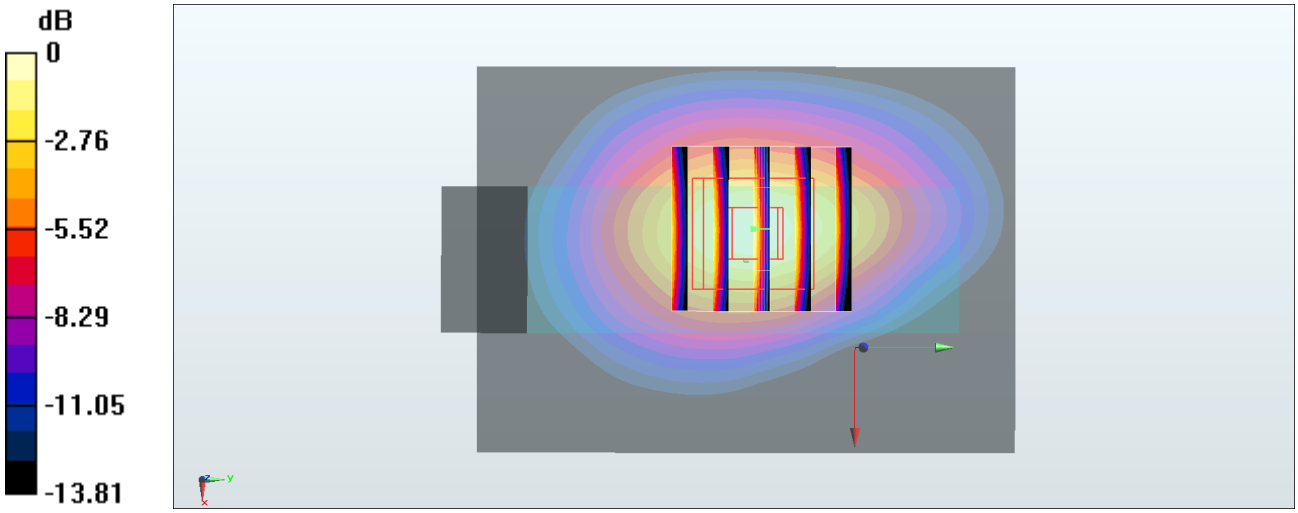
#27_LTE Band 25_20M_QPSK_50_0_Bottom Side_10mm_Ch26590

Communication System: LTE; Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180809 Medium parameters used: f = 1905 MHz; σ = 1.556 S/m; ε_r = 51.58; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3169;ConvF(4.8, 4.8, 4.8);Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.23 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.569 W/kg
Maximum value of SAR (measured) = 1.27 W/kg



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

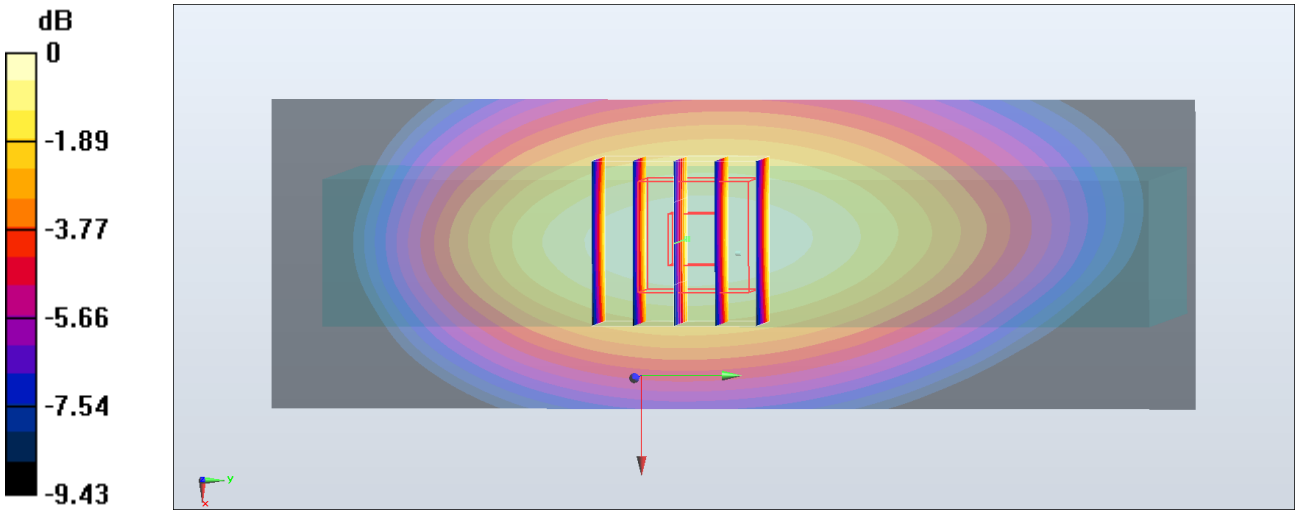
#28_LTE Band 26_15M_QPSK_1_0_Right Side_10mm_Ch26865

Communication System: LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_180806 Medium parameters used : f = 831.5 MHz; σ = 0.982 S/m; ε_r = 57.245; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3169;ConvF(6.19, 6.19, 6.19);Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.455 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.25 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.556 W/kg
SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.281 W/kg
Maximum value of SAR (measured) = 0.456 W/kg



0 dB = 0.456 W/kg = -3.41 dBW/kg

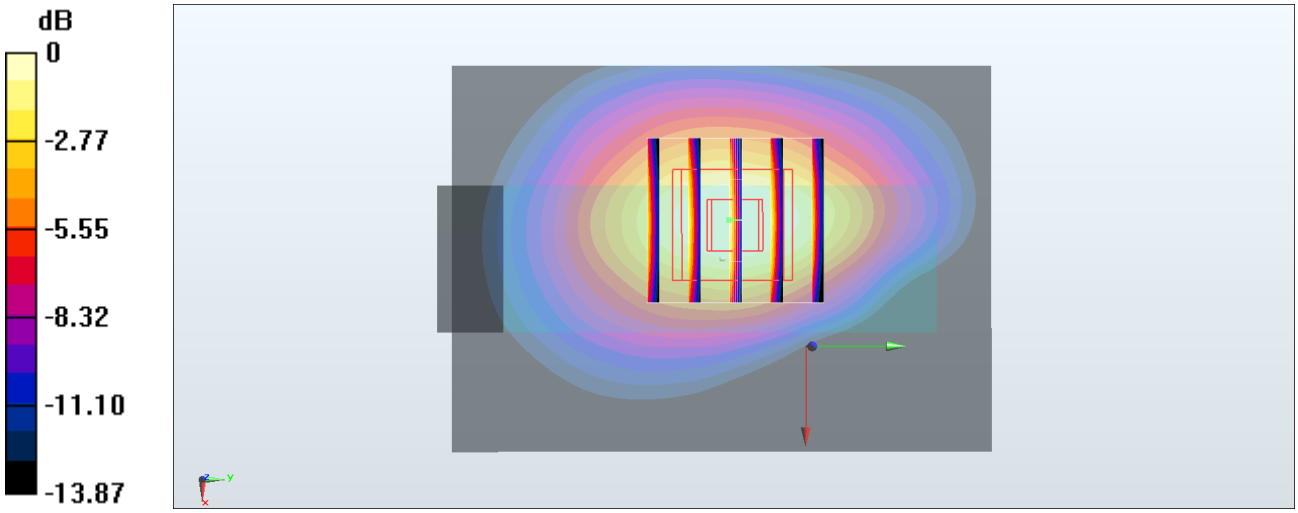
#29_LTE Band 66_20M_QPSK_50_0_Bottom Side_10mm_Ch132572

Communication System: LTE; Frequency: 1770 MHz;Duty Cycle: 1:1
Medium: MSL_1750_180809 Medium parameters used: f = 1770 MHz; σ = 1.486 S/m; ε_r = 55.052; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3169;ConvF(5.06, 5.06, 5.06);Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.06 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.513 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

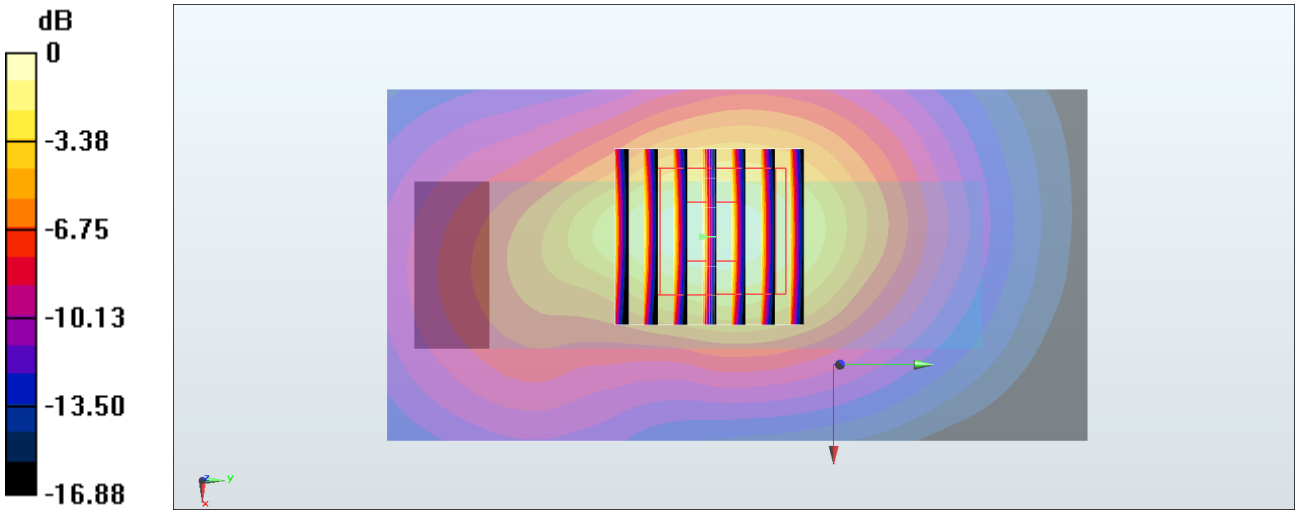
#30_LTE Band 41_20M_QPSK_1_0_Bottom Side_10mm_Ch39750

Communication System: LTE; Frequency: 2506 MHz;Duty Cycle: 1:1.59
Medium: MSL_2600_180804 Medium parameters used: f = 2506 MHz; σ = 2.024 S/m; ε_r = 53.349; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3976;ConvF(7.37, 7.37, 7.37);Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.16 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.36 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.766 W/kg; SAR(10 g) = 0.392 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

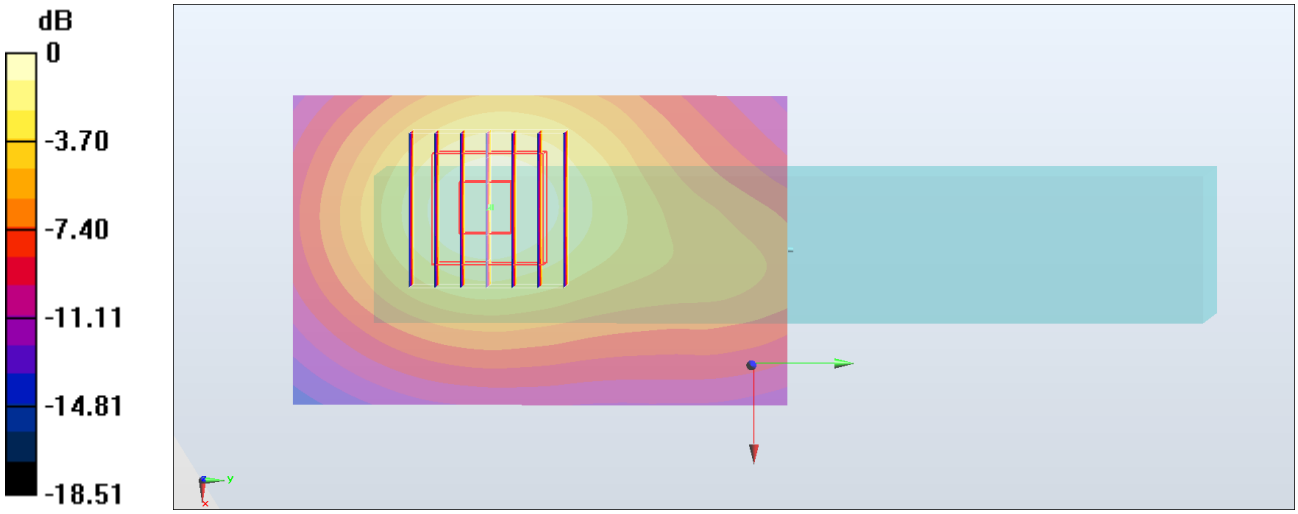
#31_WLAN2.4GHz_802.11b 1Mbps_Right Side_10mm_Ch6;Ant 2

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.014
Medium: MSL_2450_180808 Medium parameters used : f = 2437 MHz; σ = 1.965 S/m; ε_r = 51.48; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3169;ConvF(4.4, 4.4, 4.4);Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.04 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.635 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.447 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

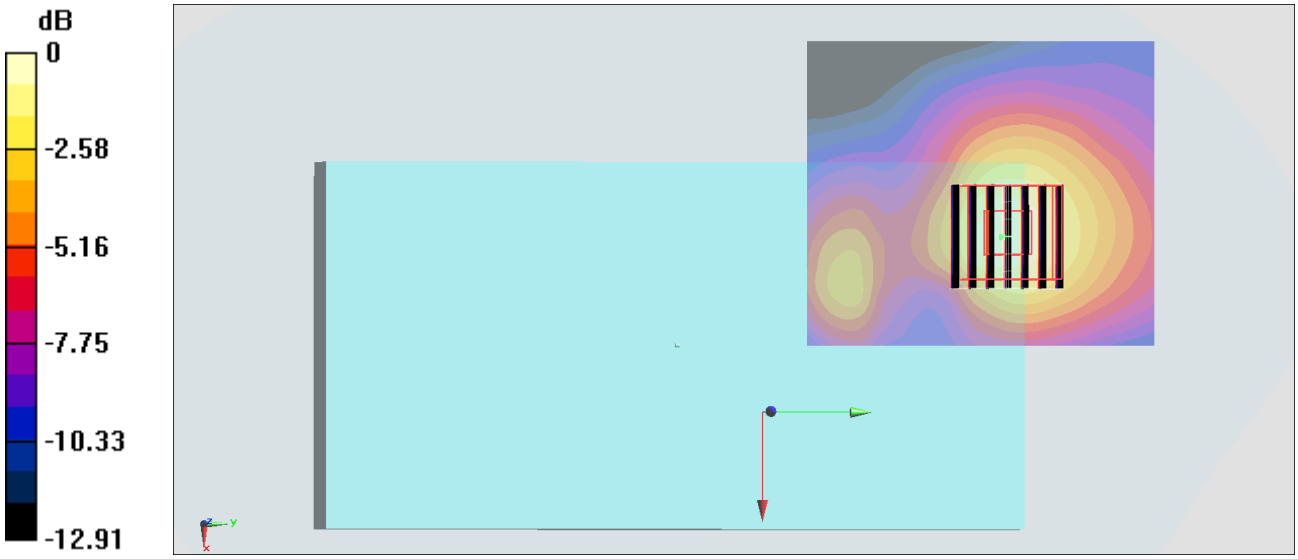
#32_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch46;Ant 2

Communication System: 802.11n; Frequency: 5230 MHz;Duty Cycle: 1:1.168
Medium: MSL_5G_180822 Medium parameters used: f = 5230 MHz; σ = 5.336 S/m; ε_r = 47.463; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(4.8, 4.8, 4.8); Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.32 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.65 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.250 W/kg
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

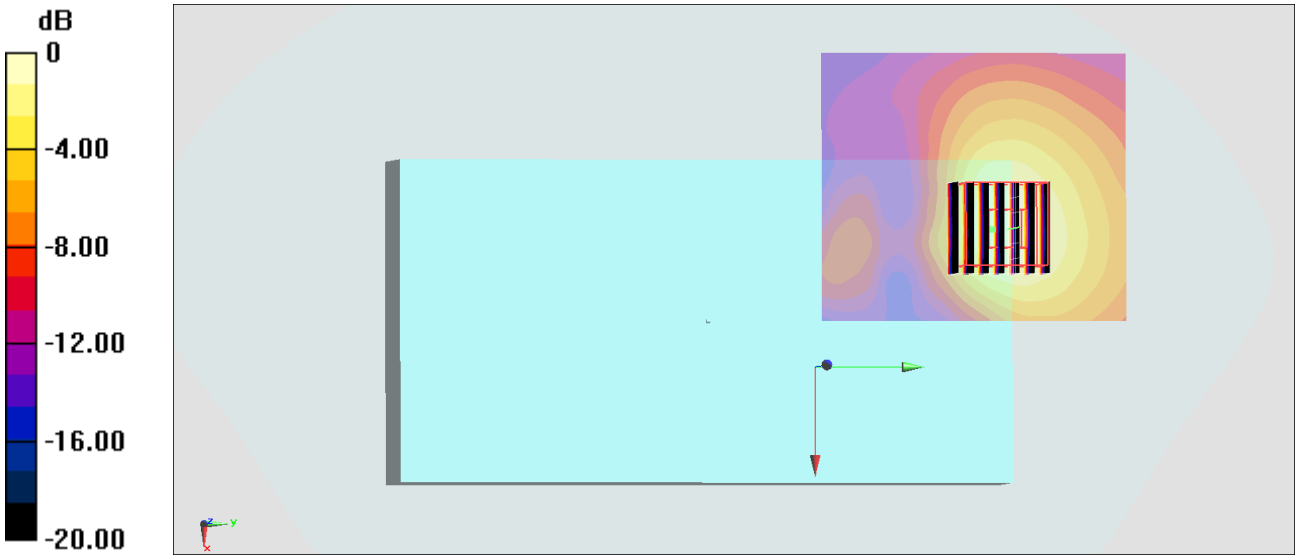
#33_WLAN5GHz_802.11ac-VHT80 MCS0_Back_10mm_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: MSL_5G_180822 Medium parameters used: f = 5775 MHz; σ = 6.021 S/m; ε_r = 46.642; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(4.37, 4.37, 4.37) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.37 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 30.67 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.79 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.394 W/kg
Maximum value of SAR (measured) = 2.24 W/kg



0 dB = 2.24 W/kg = 3.5 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018/8/4

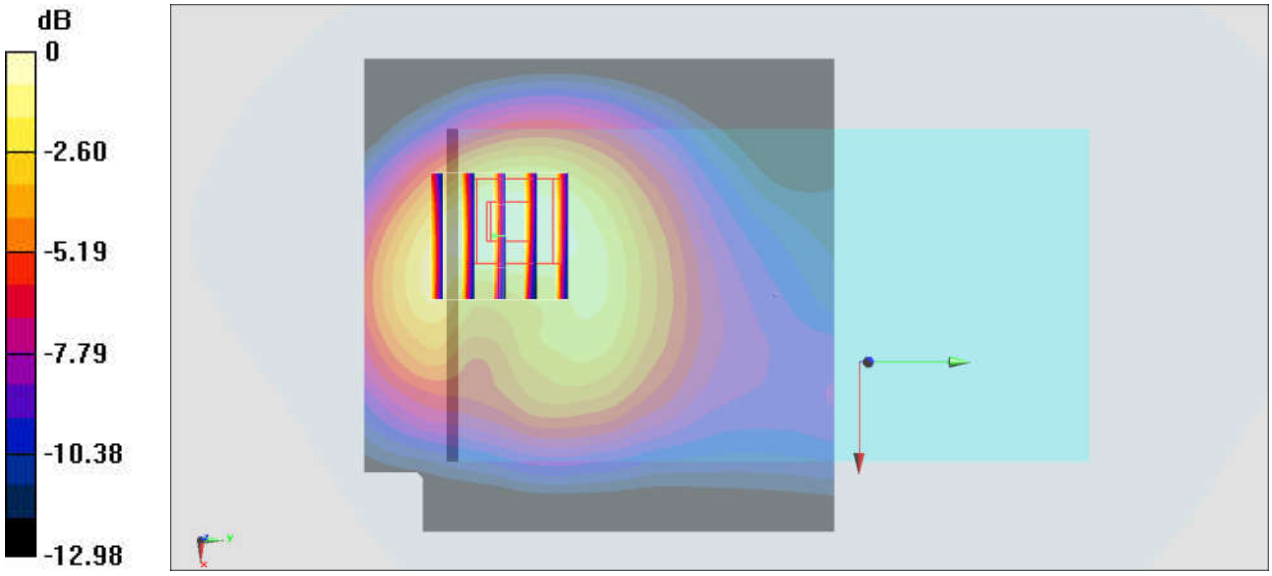
#34_GSM850_GPRS (4 Tx slots)_Front_0mm_Ch189;Soft Holster

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_180804 Medium parameters used: f = 836.4 MHz; σ = 1.005 S/m; ε_r = 56.115; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.09, 6.09, 6.09); Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.829 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.07 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.418 W/kg
Maximum value of SAR (measured) = 0.806 W/kg



0 dB = 0.806 W/kg = -0.94 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018/8/3

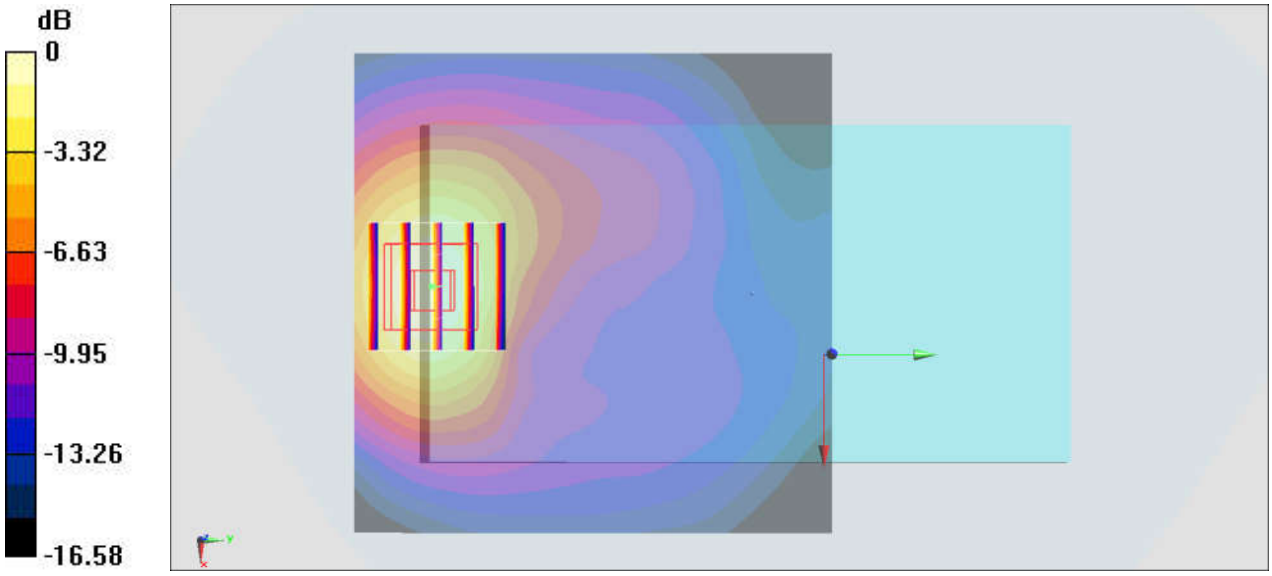
#35_GSM1900_GPRS (4 Tx slots)_Back_15mm_Ch661

Communication System: PCS ; Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_180803 Medium parameters used: f = 1880 MHz; σ = 1.522 S/m; ε_r = 53.655; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.9, 4.9, 4.9) ; Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.783 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.54 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.386 W/kg
Maximum value of SAR (measured) = 0.783 W/kg



0 dB = 0.783 W/kg = -1.06 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018/8/3

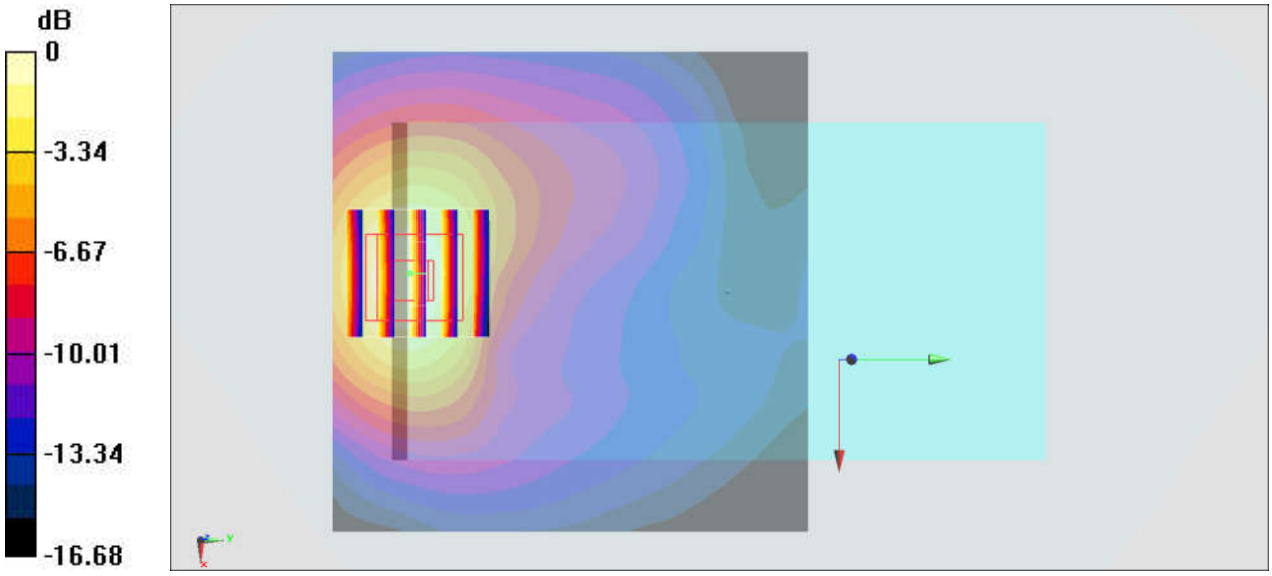
#36_WCDMA II_RMC 12.2Kbps_Back_15mm_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180803 Medium parameters used: f = 1908 MHz; σ = 1.557 S/m; ε_r = 53.551; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.9, 4.9, 4.9); Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.94 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.946 W/kg; SAR(10 g) = 0.555 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018/8/4

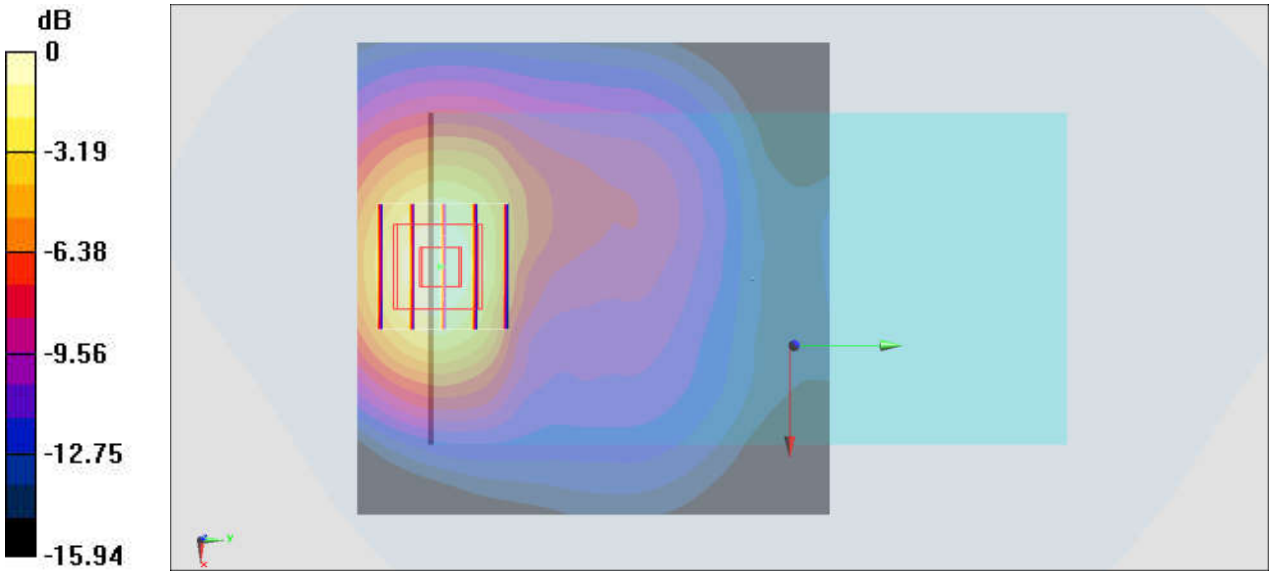
#37_WCDMA IV_RMC 12.2Kbps_Back_15mm_Ch1513

Communication System: WCDMA ; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_180804 Medium parameters used: f = 1753 MHz; σ = 1.44 S/m; ε_r = 53.276; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5, 5, 5); Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.927 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.17 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.461 W/kg
Maximum value of SAR (measured) = 0.921 W/kg



0 dB = 0.921 W/kg = -0.36 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018/8/4

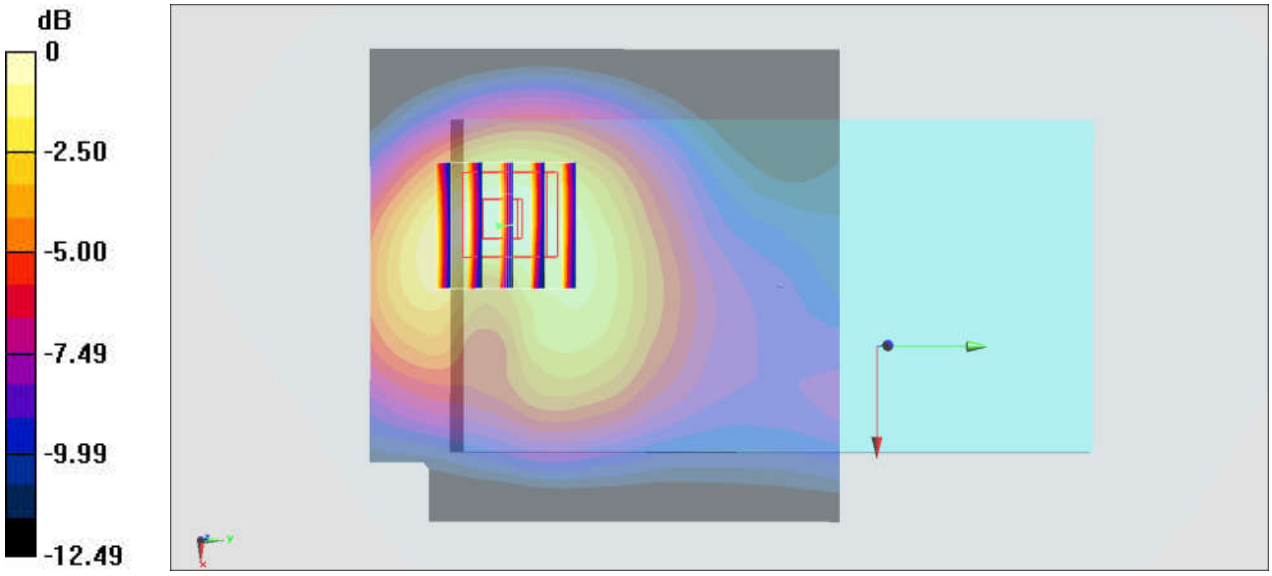
#38_WCDMA V_RMC 12.2Kbps_Front_0mm_Ch4182;Soft Holster

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_180804 Medium parameters used: f = 836.4 MHz; σ = 1.005 S/m; ε_r = 56.115; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.09, 6.09, 6.09); Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.590 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.84 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.784 W/kg
SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.307 W/kg
Maximum value of SAR (measured) = 0.582 W/kg



0 dB = 0.582 W/kg = -2.35 dBW/kg

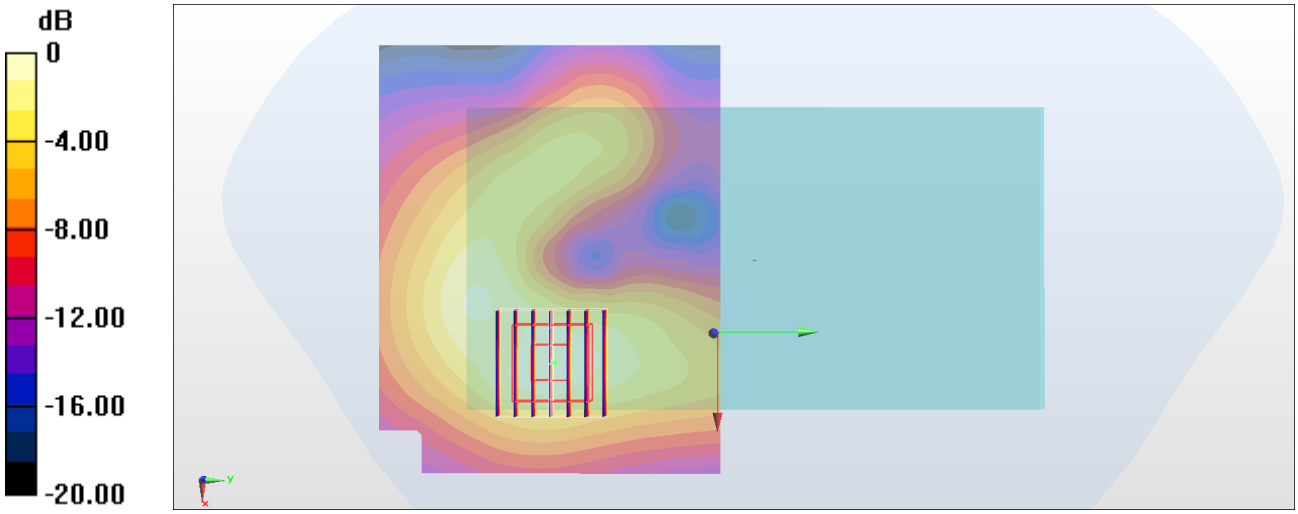
#39_LTE Band 7_20M_QPSK_1_0_Front_0mm_Ch21350;Soft Holster

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180804 Medium parameters used: f = 2560 MHz; σ = 2.101 S/m; ε_r = 53.141; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3976;ConvF(7.37, 7.37, 7.37);Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (101x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.827 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.32 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.982 W/kg
SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.254 W/kg
Maximum value of SAR (measured) = 0.790 W/kg



0 dB = 0.790 W/kg = -1.02 dBW/kg

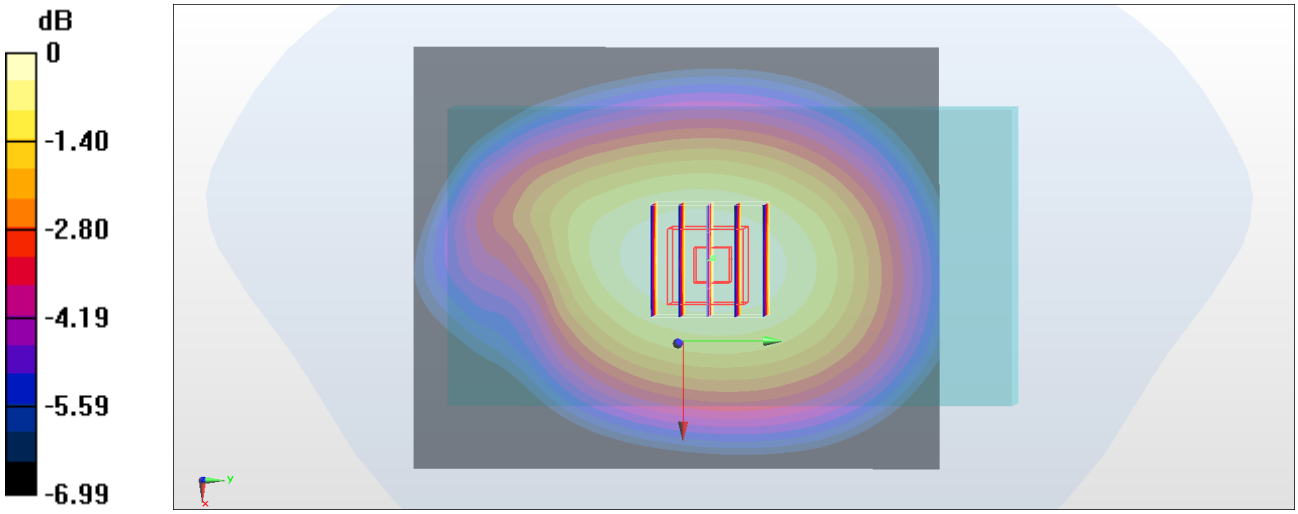
#40_LTE Band 12_10M_QPSK_1_0_Back_15mm_Ch23095

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: MSL_750_180805 Medium parameters used : f = 707.5 MHz; σ = 0.934 S/m; ε_r = 54.704; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3976;ConvF(10.37, 10.37, 10.37);Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.512 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.17 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.555 W/kg
SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.329 W/kg
Maximum value of SAR (measured) = 0.509 W/kg



0 dB = 0.509 W/kg = -2.93 dBW/kg

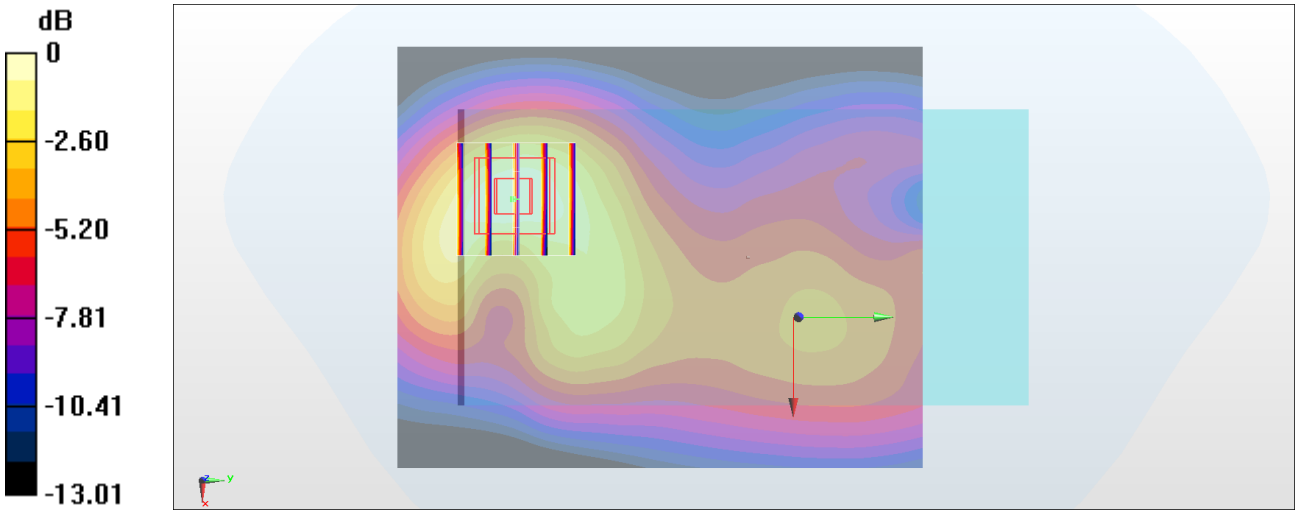
#41_LTE Band 13_10M_QPSK_1_0_Front_0mm_Ch23230;Soft Holster

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_180806 Medium parameters used: f = 782 MHz; σ = 0.995 S/m; ε_r = 54.096; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3169;ConvF(6.3, 6.3, 6.3);Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.474 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.23 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.630 W/kg
SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.244 W/kg
Maximum value of SAR (measured) = 0.473 W/kg



0 dB = 0.473 W/kg = -3.25 dBW/kg

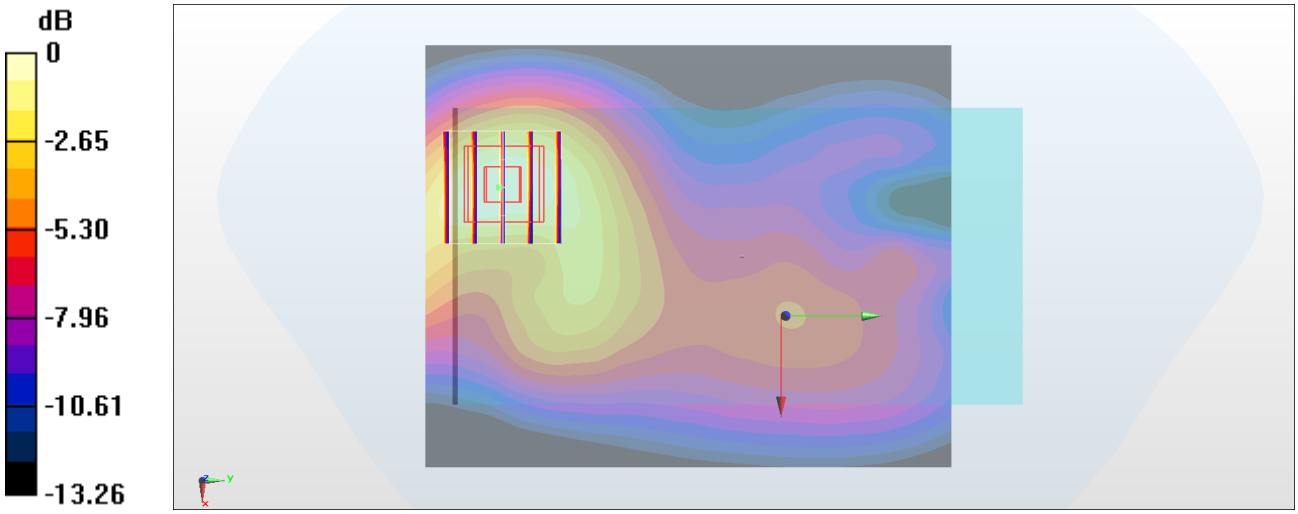
#42_LTE Band 14_10M_QPSK_1_0_Front_0mm_Ch23330;Soft Holster

Communication System: LTE ; Frequency: 793 MHz;Duty Cycle: 1:1
Medium: MSL_750_180806 Medium parameters used: f = 793 MHz; σ = 1.005 S/m; ε_r = 53.987; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3169;ConvF(6.3, 6.3, 6.3);Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.607 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.56 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.808 W/kg
SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.307 W/kg
Maximum value of SAR (measured) = 0.601 W/kg



0 dB = 0.601 W/kg = -2.21 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018/8/3

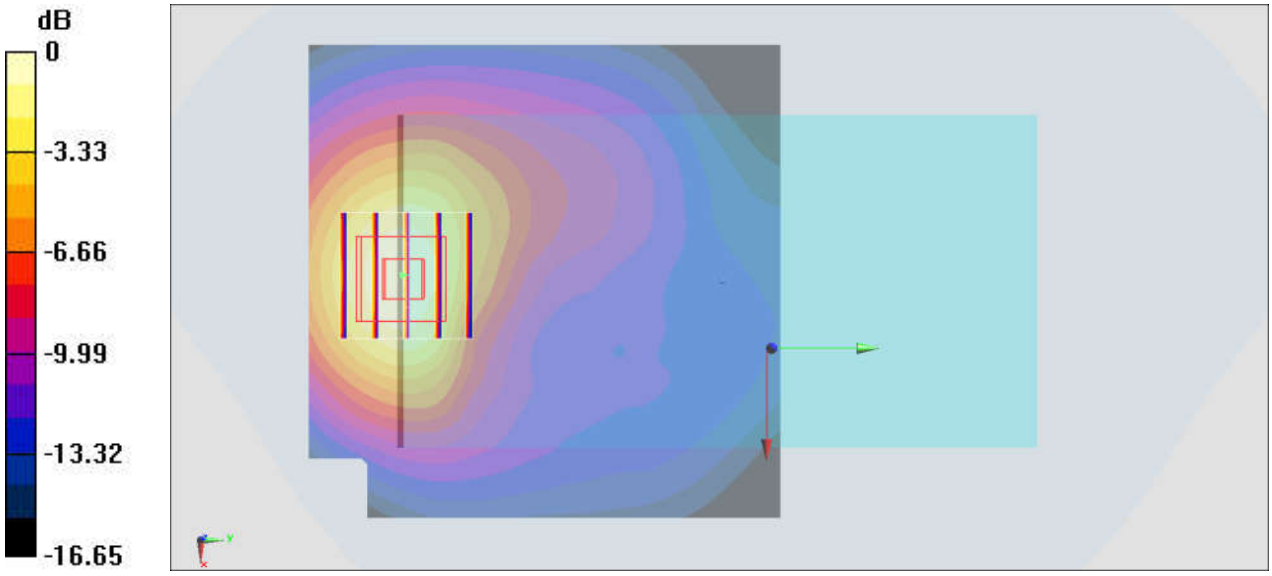
#43_LTE Band 25_20M_QPSK_1_0_Back_15mm_Ch26340

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180803 Medium parameters used: f = 1880 MHz; σ = 1.522 S/m; ε_r = 53.655; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.9, 4.9, 4.9); Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.36 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.965 W/kg; SAR(10 g) = 0.572 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

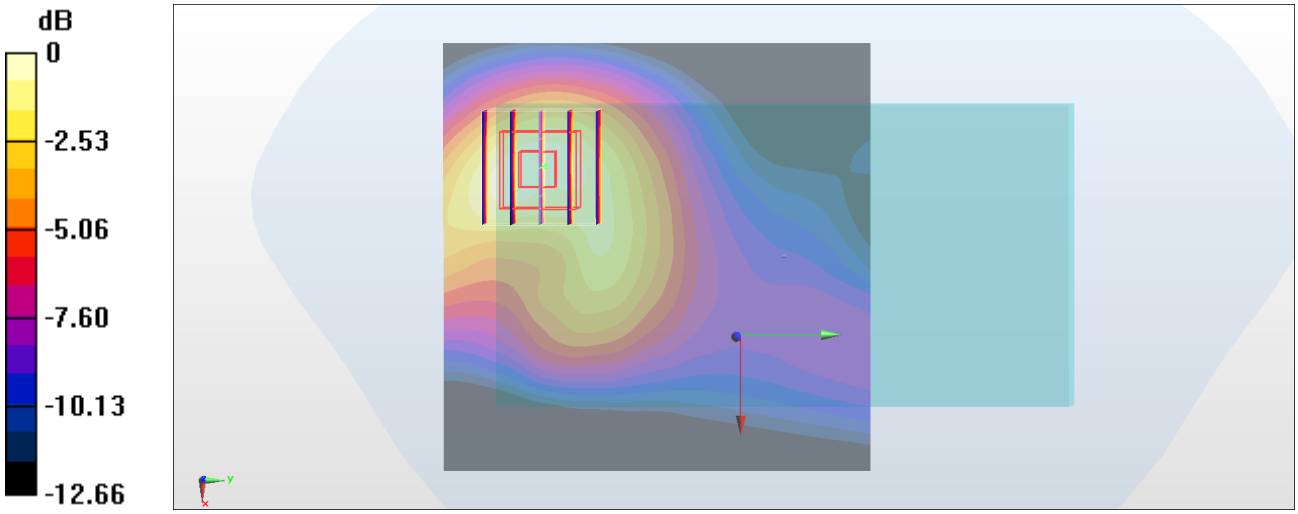
#44_LTE Band 26_15M_QPSK_1_0_Front_0mm_Ch26865;Soft Holster

Communication System: LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_180806 Medium parameters used : f = 831.5 MHz; σ = 0.982 S/m; ε_r = 57.245; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3169;ConvF(6.19, 6.19, 6.19);Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.494 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) = 0.680 W/kg
SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.256 W/kg
Maximum value of SAR (measured) = 0.498 W/kg



0 dB = 0.498 W/kg = -3.03 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018/8/4

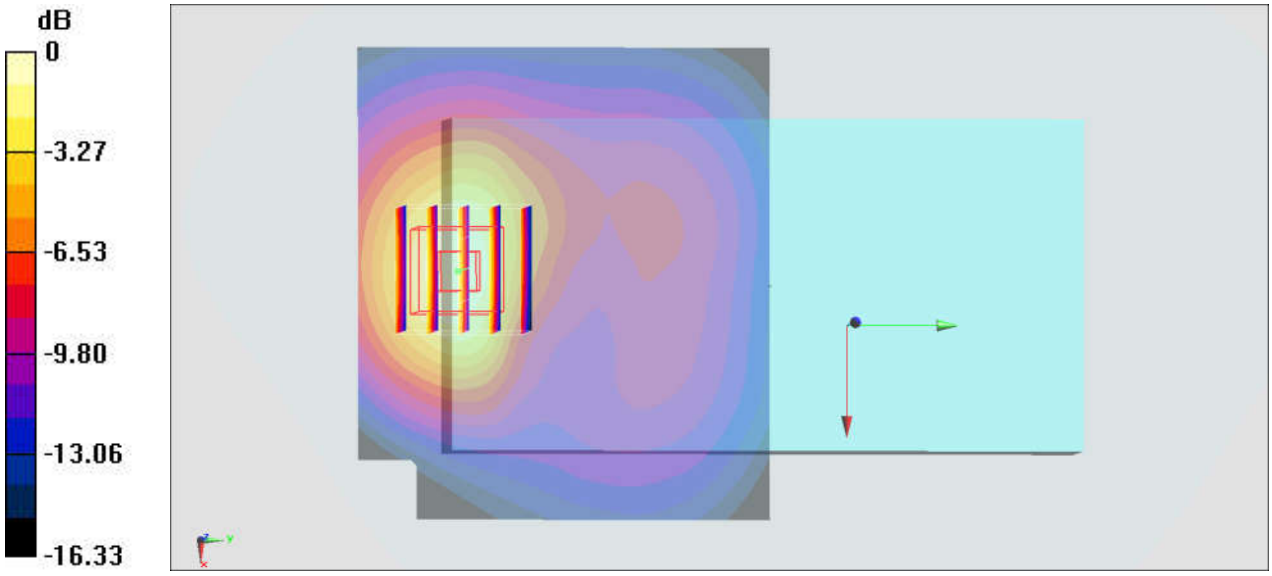
#45_LTE Band 66_20M_QPSK_1_0_Back_15mm_Ch132322

Communication System: LTE; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: MSL_1750_180804 Medium parameters used : f = 1745 MHz; σ = 1.431 S/m; ε_r = 53.301; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5, 5, 5); Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.09 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.84 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.505 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

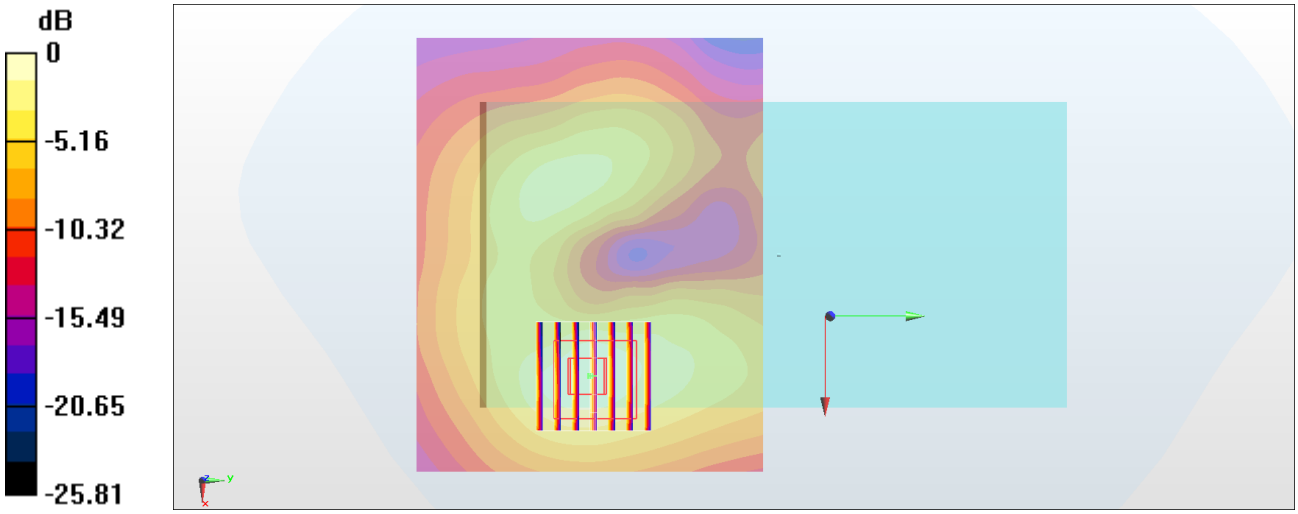
#46_LTE Band 41_20M_QPSK_1_0_Front_0mm_Ch40620;Soft Holster

Communication System: LTE; Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: MSL_2600_180804 Medium parameters used : f = 2593 MHz; σ = 2.149 S/m; ε_r = 53.012; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3976;ConvF(7.37, 7.37, 7.37);Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (101x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.565 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.89 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.715 W/kg
SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.177 W/kg
Maximum value of SAR (measured) = 0.568 W/kg



0 dB = 0.568 W/kg = -2.46 dBW/kg

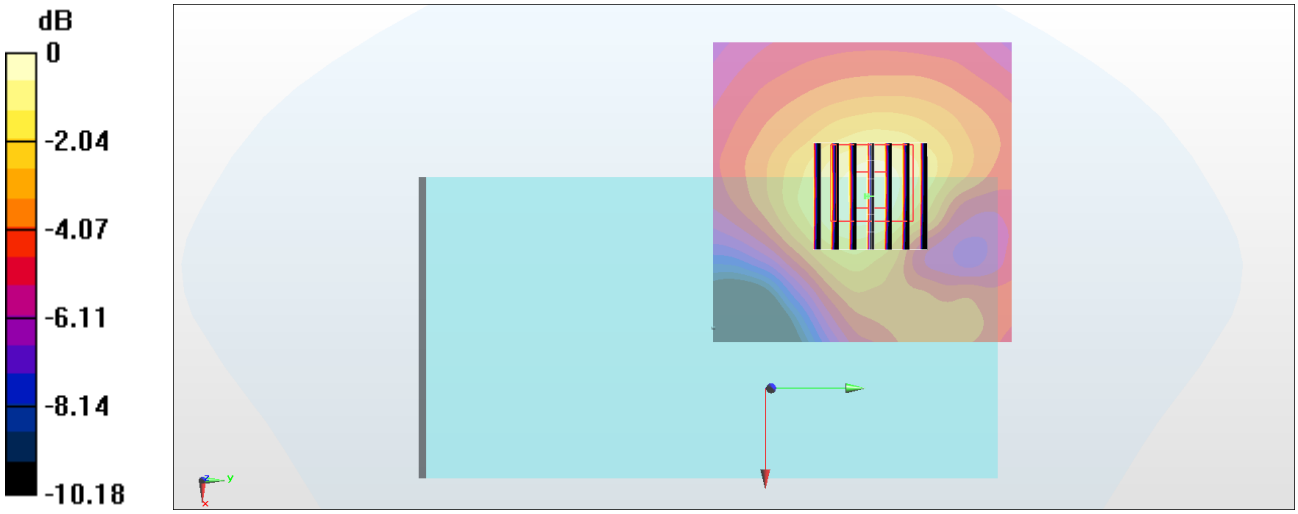
#47_WLAN2.4GHz_802.11b 1Mbps_Back_15mm_Ch6;Ant 2

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.014
Medium: MSL_2450_180808 Medium parameters used: f = 2437 MHz; σ = 1.965 S/m; ε_r = 51.48; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3169;ConvF(4.4, 4.4, 4.4);Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.338 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.59 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.512 W/kg
SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.159 W/kg
Maximum value of SAR (measured) = 0.341 W/kg



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

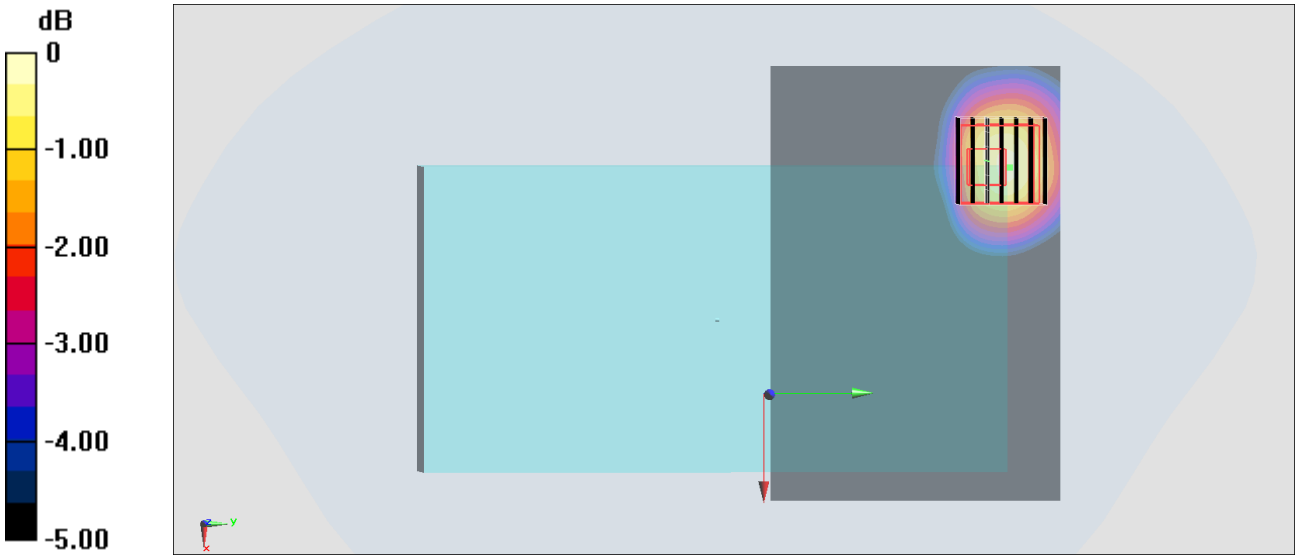
#48_WLAN5GHz_802.11n-HT40 MCS0_Back_15mm_Ch54;Ant 2

Communication System: 802.11n; Frequency: 5270 MHz;Duty Cycle: 1:1.168
Medium: MSL_5G_180821 Medium parameters used: f = 5270 MHz; σ = 5.246 S/m; ε_r = 49.049; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(4.8, 4.8, 4.8); Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (121x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.888 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.48 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.193 W/kg
Maximum value of SAR (measured) = 0.934 W/kg



0 dB = 0.934 W/kg = -0.30 dBW/kg

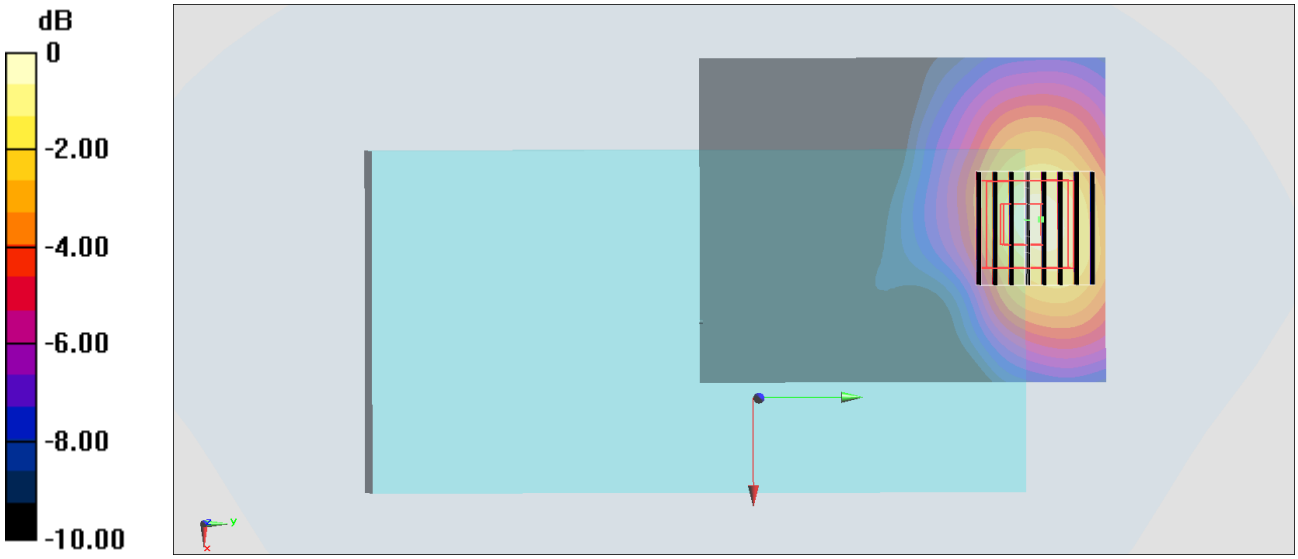
#49_WLAN5GHz_802.11ac-VHT80 MCS0_Back_15mm_Ch138;Ant 2

Communication System: 802.11ac; Frequency: 5690 MHz;Duty Cycle: 1:1.167
Medium: MSL_5G_180821 Medium parameters used: f = 5690 MHz; σ = 5.784 S/m; ε_r = 48.404; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306; ConvF(4.37, 4.37, 4.37); Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.36 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.07 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.32 W/kg
SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.274 W/kg
Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

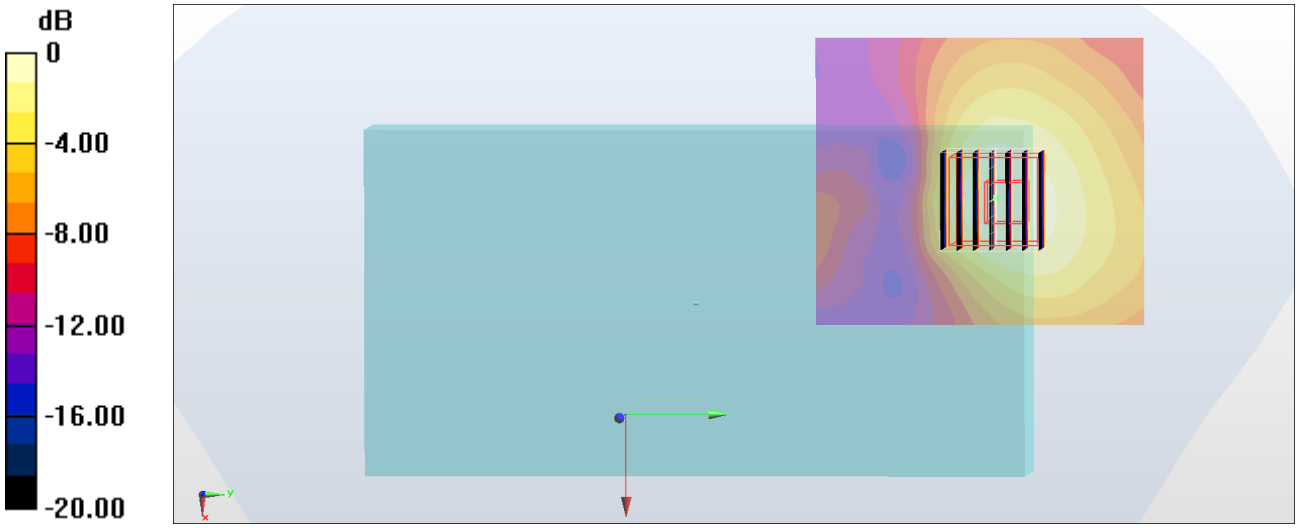
#50_WLAN5GHz_802.11ac-VHT80 MCS0_Back_15mm_Ch155;MIMO Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: MSL_5G_180825 Medium parameters used: f = 5775 MHz; σ = 6.119 S/m; ε_r = 46.543; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931;ConvF(4.32, 4.32, 4.32);Calibrated: 2017/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (71x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.32 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 15.11 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 0.567 W/kg; SAR(10 g) = 0.233 W/kg
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg