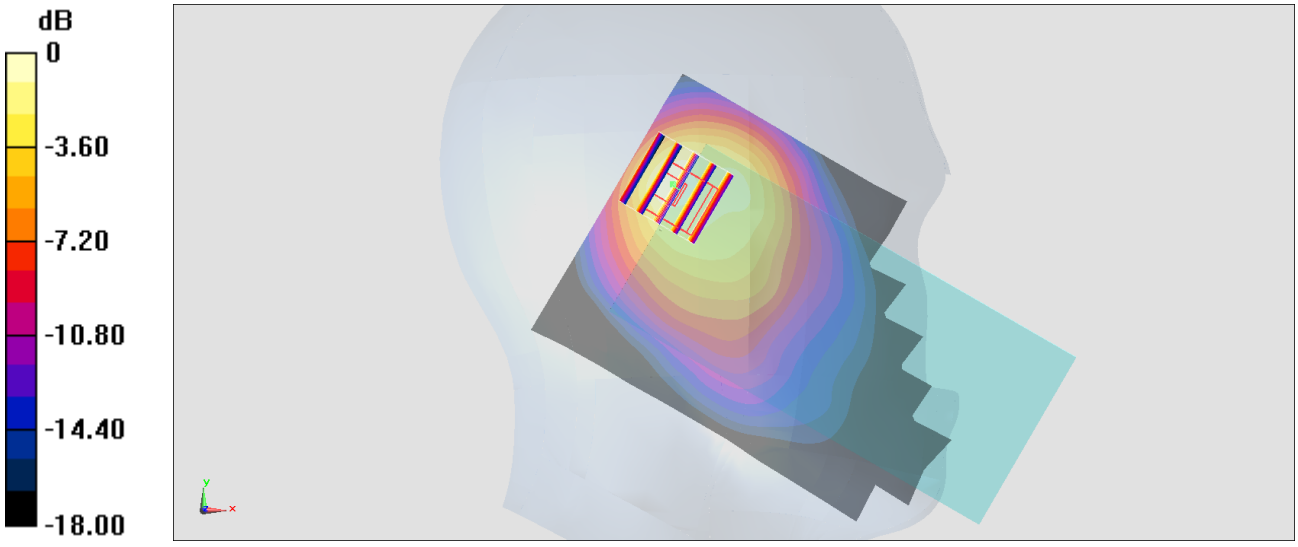
#01_GSM850_GPRS (4 Tx slots)_Left Cheek_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_200810 Medium parameters used : f = 848.8 MHz; σ = 0.912 S/m; ε_r = 42.371; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(6.28, 6.28, 6.28) @ 848.8 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY4, Version 4.7 (80);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.661 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.03 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.250 W/kg
Maximum value of SAR (measured) = 0.602 W/kg



0 dB = 0.661 W/kg = -1.80 dBW/kg

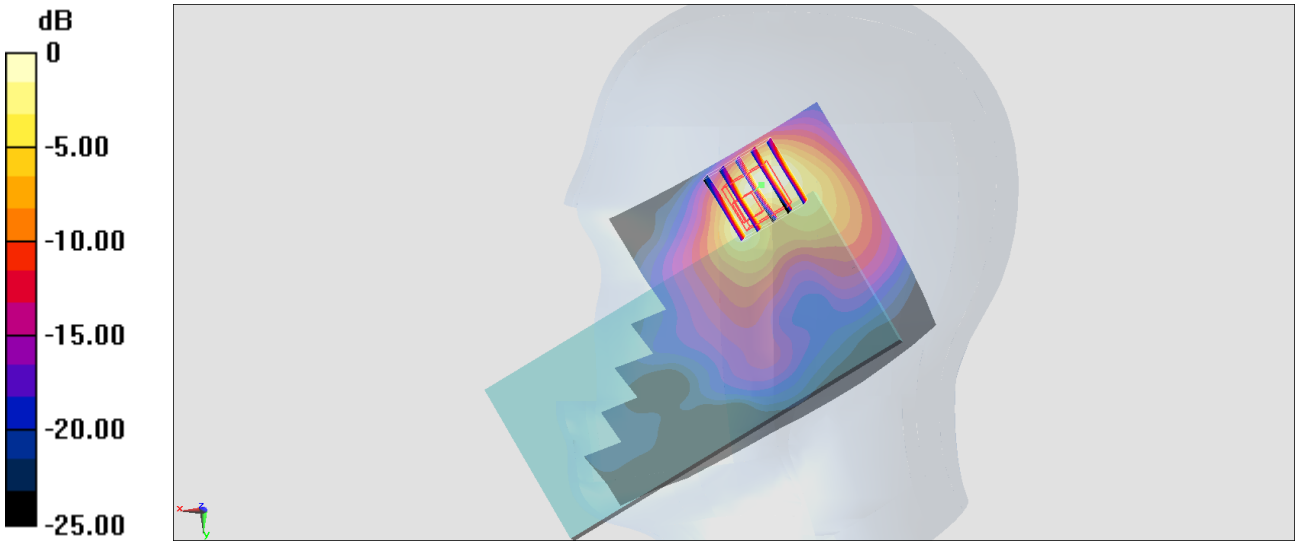
#02_GSM1900_GPRS (2 Tx slots)_Right Cheek_Ch661

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium: HSL_1900_200811 Medium parameters used: f = 1880 MHz; σ = 1.427 S/m; ε_r = 39.515; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124; ConvF(5.31, 5.31, 5.31) @ 1880 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY4, Version 4.7 (80);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.454 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.038 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.869 W/kg
SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.175 W/kg
Maximum value of SAR (measured) = 0.585 W/kg



0 dB = 0.454 W/kg = -3.43 dBW/kg

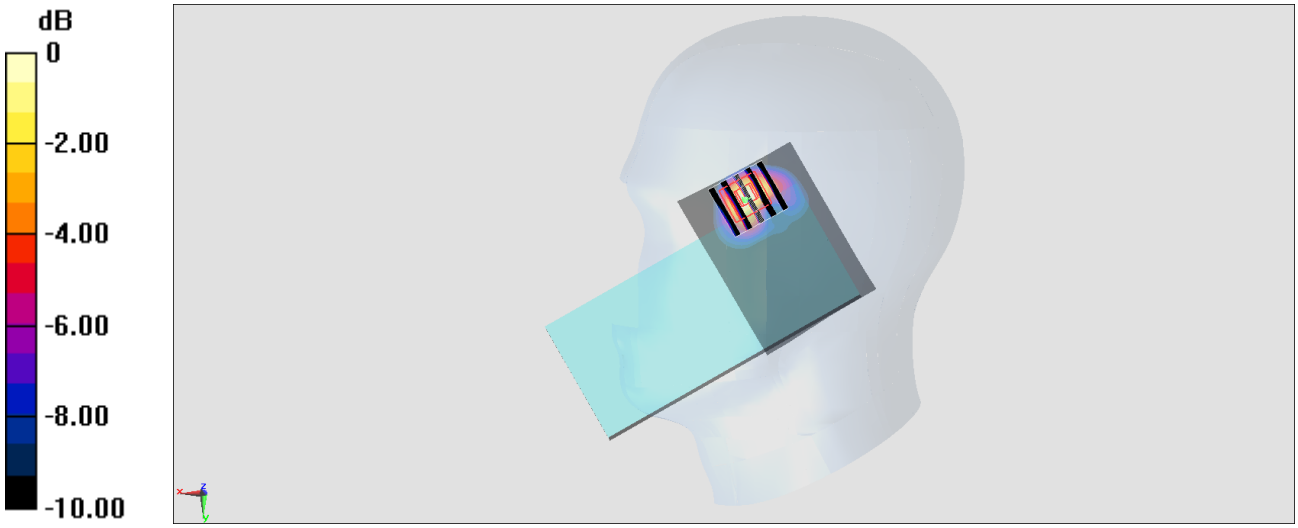
#03_WCDMA II_RMC 12.2kbps_Right Cheek_Ch9400

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200825 Medium parameters used: f = 1880 MHz; σ = 1.427 S/m; ε_r = 38.446; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925;ConvF(8.35, 8.35, 8.35) @ 1880 MHz;Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x51x1): 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 = 27.22 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.304 W/kg
Maximum value of SAR (measured) = 1.25 W/kg



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

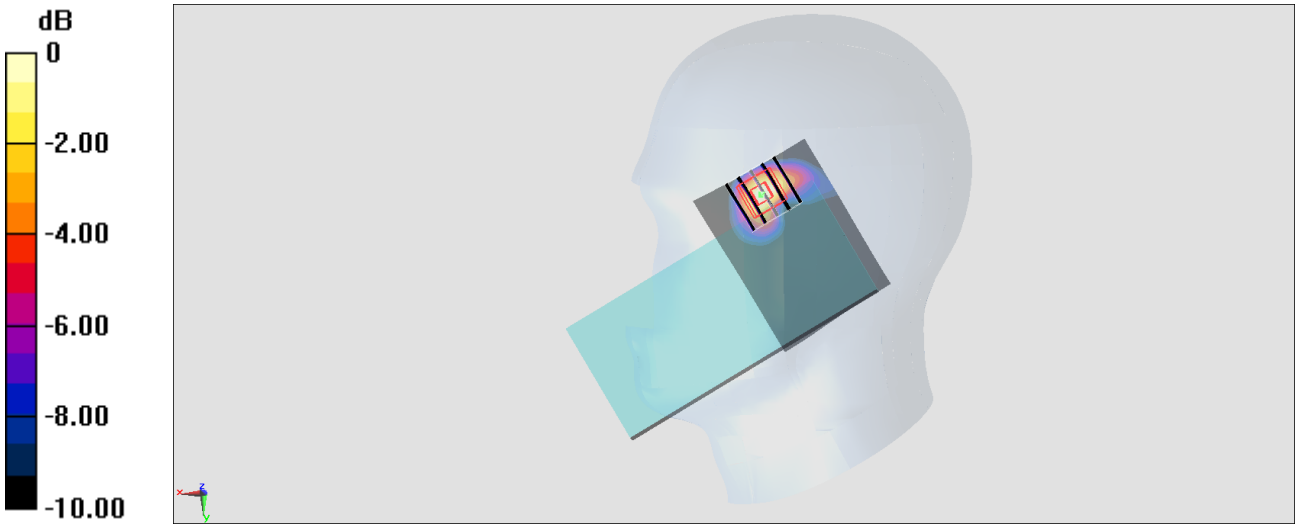
#04_WCDMA IV_RMC 12.2kbps_Right Cheek_Ch1513

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200825 Medium parameters used: f = 1753 MHz; σ = 1.375 S/m; ε_r = 40.937; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925;ConvF(8.7, 8.7, 8.7) @ 1752.6 MHz;Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.26 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.08 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.327 W/kg
Maximum value of SAR (measured) = 1.32 W/kg



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

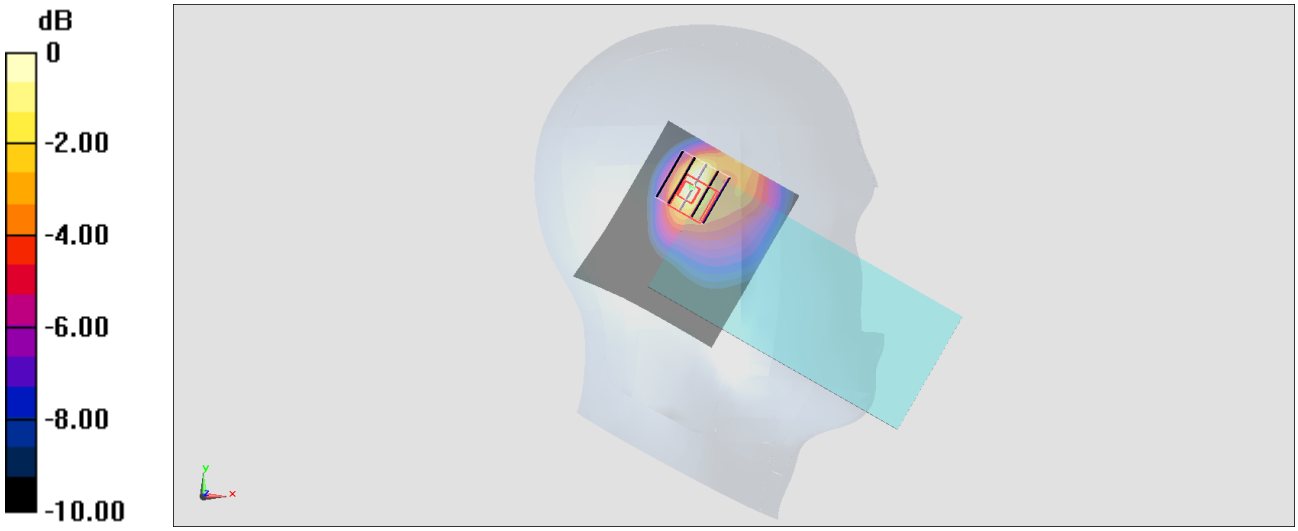
#05_WCDMA V_RMC 12.2Kbps_Left Cheek_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_200826 Medium parameters used : f = 836.4 MHz; σ = 0.871 S/m; ε_r = 42.64; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925;ConvF(10.12, 10.12, 10.12) @ 836.4 MHz;Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- 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) = 1.142 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 54.86 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.371 W/kg
SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.133 W/kg
Maximum value of SAR (measured) = 1.077 W/kg



0 dB = 1.077 W/kg = 0.32 dBW/kg

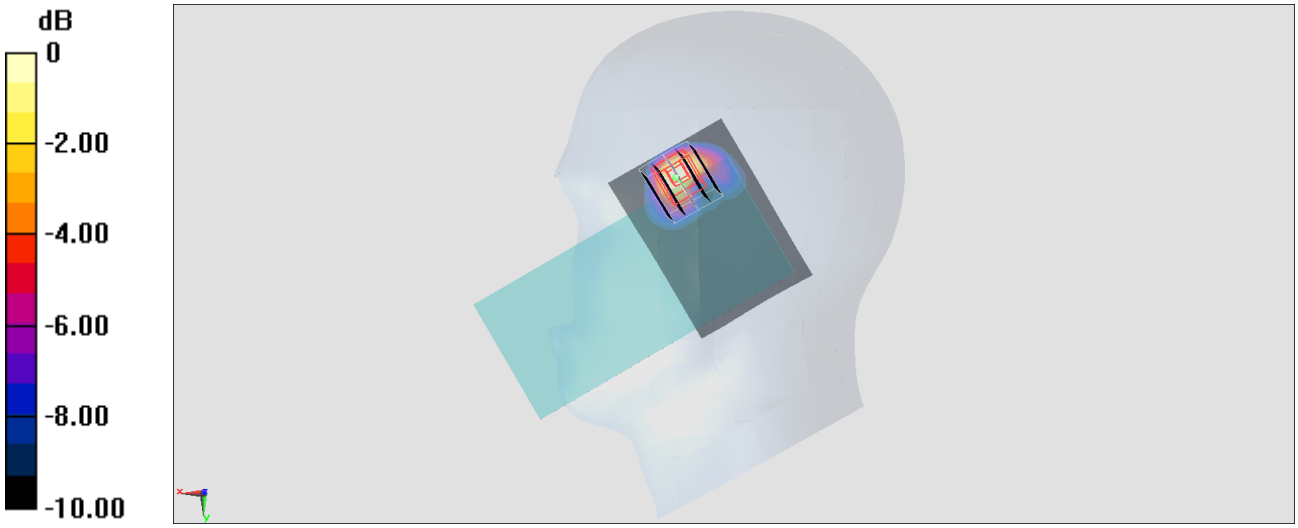
#06_LTE Band 2_20M_QPSK_1_0_Right Cheek_Ch19100

Communication System:LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200825 Medium parameters used: f = 1900 MHz; σ = 1.452 S/m; ε_r = 38.36; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925;ConvF(8.35, 8.35, 8.35) @ 1900 MHz;Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.751 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.19 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.989 W/kg
SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.286 W/kg
Maximum value of SAR (measured) = 0.786 W/kg



0 dB = 0.751 W/kg = -1.24 dBW/kg

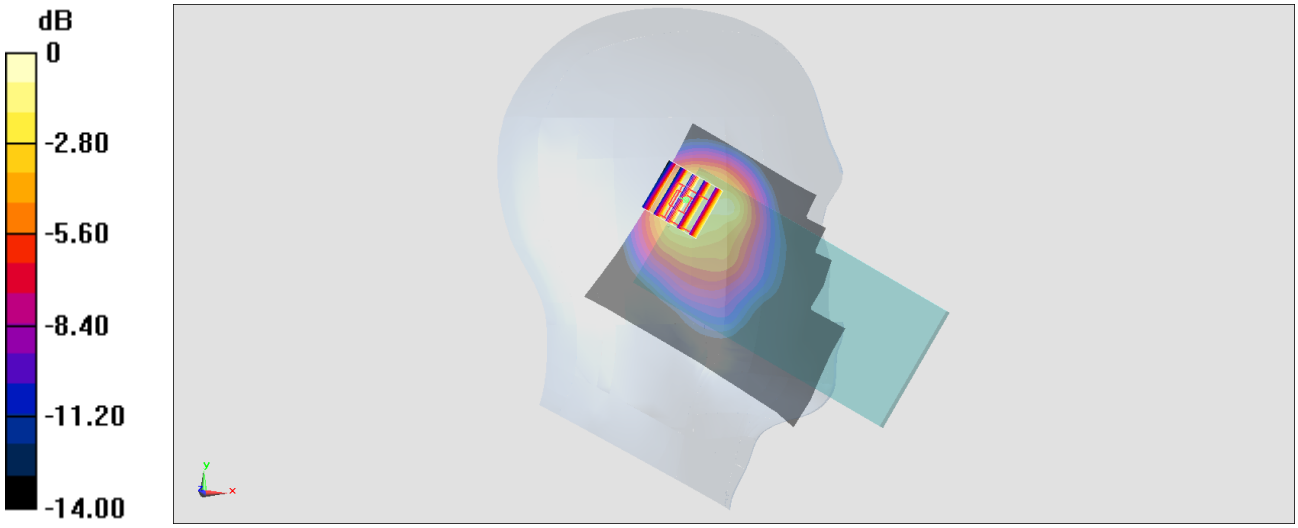
#07_LTE Band 5_10M_QPSK_1_0_Left Cheek_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_200810 Medium parameters used : f = 836.5 MHz; σ = 0.891 S/m; ε_r = 42.591; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124;ConvF(6.28, 6.28, 6.28) @ 836.5 MHz;Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.667 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.05 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.946 W/kg
SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.271 W/kg
Maximum value of SAR (measured) = 0.561 W/kg



0 dB = 0.667 W/kg = -1.76 dBW/kg

#08_LTE Band 7_20M_QPSK_1_0_Right Cheek_Ch21100

Communication System:LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_200825 Medium parameters used : f = 2535 MHz; σ = 1.884 S/m; ε_r = 38.134; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925;ConvF(7.5, 7.5, 7.5) @ 2535 MHz;Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.11 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.287 W/kg
Maximum value of SAR (measured) = 1.10 W/kg

0 dB = 1.06 W/kg = 0.25 dBW/kg

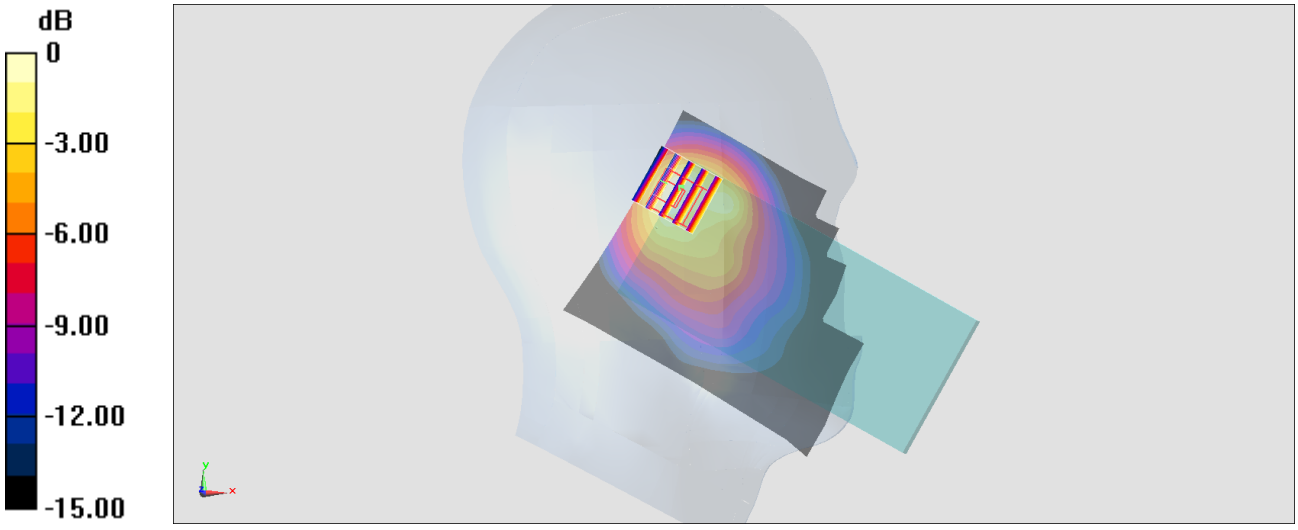
#09_LTE Band 12_10M_QPSK_1_0_Left Cheek_Ch23095

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_200810 Medium parameters used : f = 707.5 MHz; σ = 0.866 S/m; ε_r = 43.563; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124;ConvF(6.47, 6.47, 6.47) @ 707.5 MHz;Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.467 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.02 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.714 W/kg
SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.183 W/kg
Maximum value of SAR (measured) = 0.396 W/kg



0 dB = 0.467 W/kg = -3.31 dBW/kg

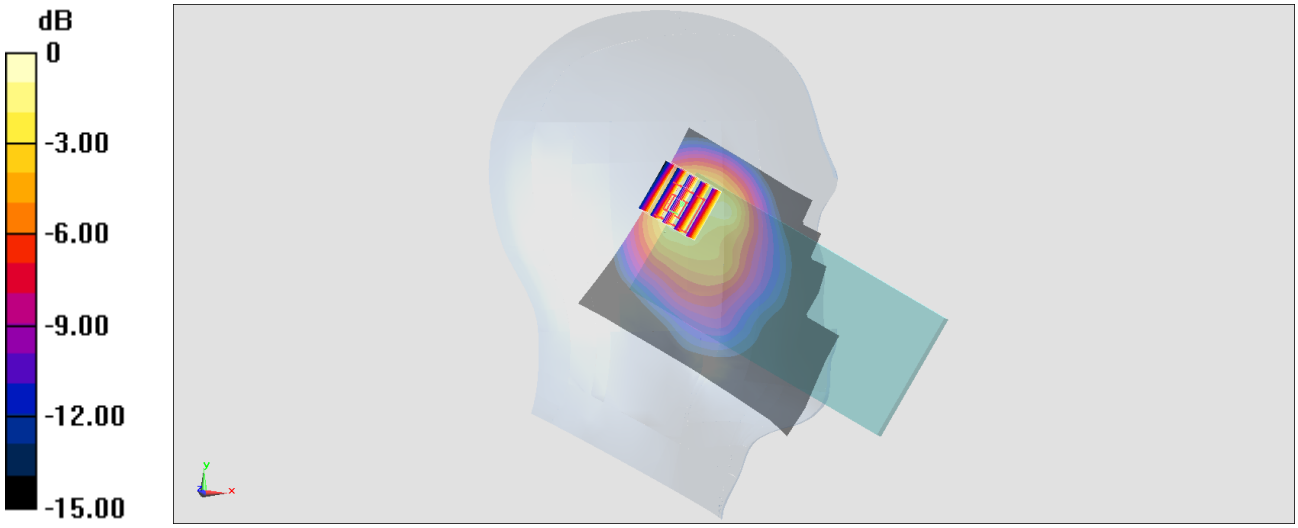
#10_LTE Band 13_10M_QPSK_1_0_Left Cheek_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_200810 Medium parameters used: f = 782 MHz; σ = 0.934 S/m; ε_r = 42.548; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3124;ConvF(6.47, 6.47, 6.47) @ 782 MHz;Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.534 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.66 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.770 W/kg
SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.210 W/kg
Maximum value of SAR (measured) = 0.466 W/kg



0 dB = 0.534 W/kg = -2.73 dBW/kg

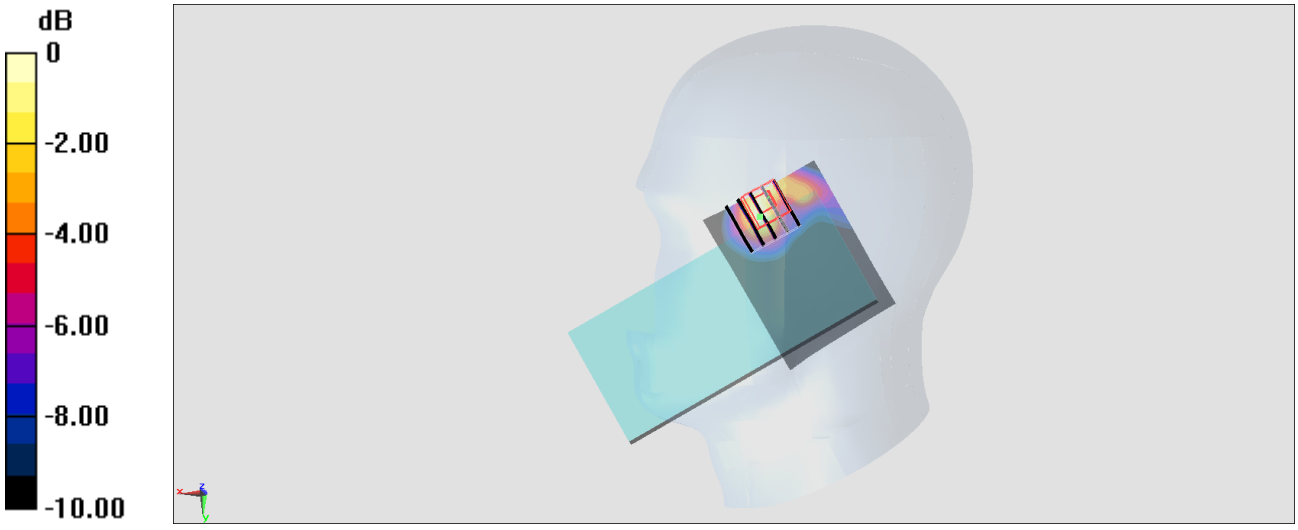
#11_LTE Band 66_20M_QPSK_1_0_Right Cheek_Ch132572

Communication System: LTE ; Frequency: 1770 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200825 Medium parameters used: f = 1770 MHz; σ = 1.392 S/m; ε_r = 40.865; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925;ConvF(8.7, 8.7, 8.7) @ 1770 MHz;Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.746 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.81 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.305 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 0.746 W/kg = -1.27 dBW/kg

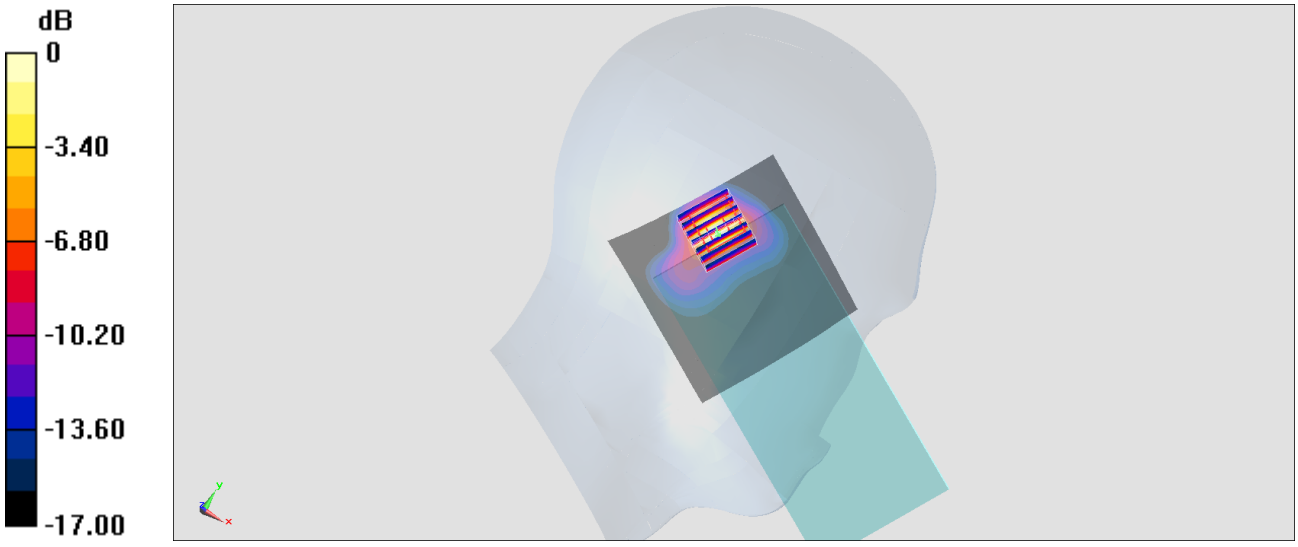
#12_LTE Band 48_20M_QPSK_1_0_Left Tilted_Ch56640

Communication System: LTE ; Frequency: 3690 MHz;Duty Cycle: 1:1.59
Medium: HSL_3700_200824 Medium parameters used : f = 3690 MHz; σ = 3.092 S/m; ε_r = 37.507; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(6.97, 6.97, 6.97) @ 3690 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.43 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 16.06 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.29 W/kg
SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.232 W/kg
Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

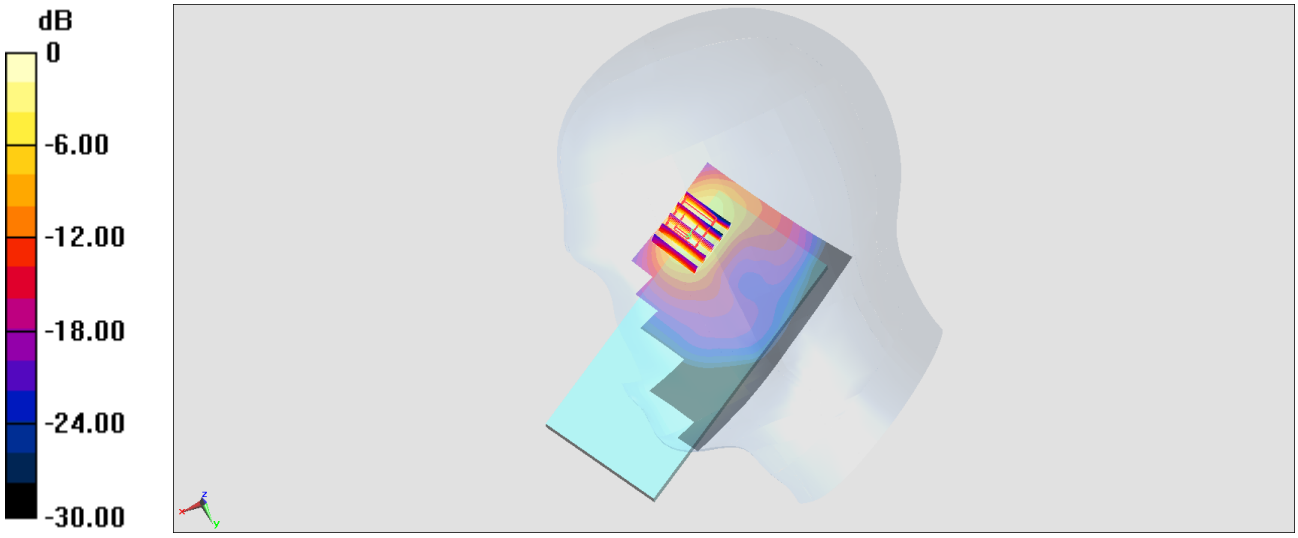
#13_FR1 n2_20M_BPSK_1_1_Right Cheek_Ch372000

Communication System: LTE ; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200728 Medium parameters used: f = 1860 MHz; σ = 1.388 S/m; ε_r = 39.708; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1860 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.41 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.17 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 2.11 W/kg
SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.323 W/kg
Maximum value of SAR (measured) = 1.51 W/kg



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

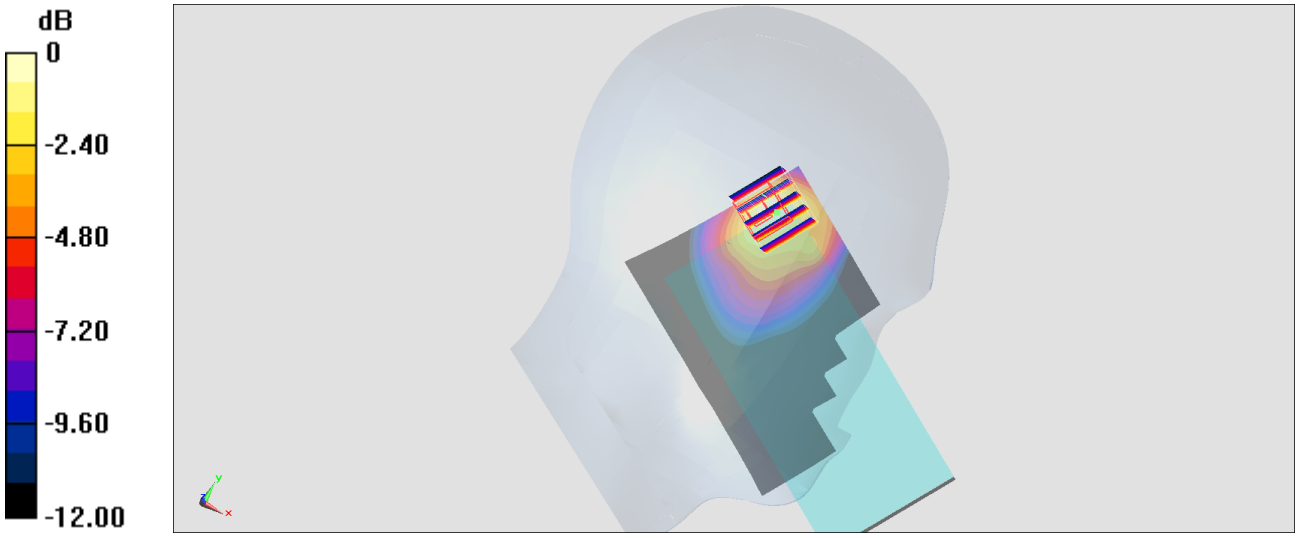
#14_FR1 n5_20M_BPSK_1_1_Left Cheek_Ch167300

Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_200727 Medium parameters used: f = 836.5 MHz; σ = 0.935 S/m; ε_r = 43.394; ρ = $1000_{kg/m^3}$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 836.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.378 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.50 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.627 W/kg
SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.116 W/kg
Maximum value of SAR (measured) = 0.429 W/kg



0 dB = 0.378 W/kg = -4.23 dBW/kg

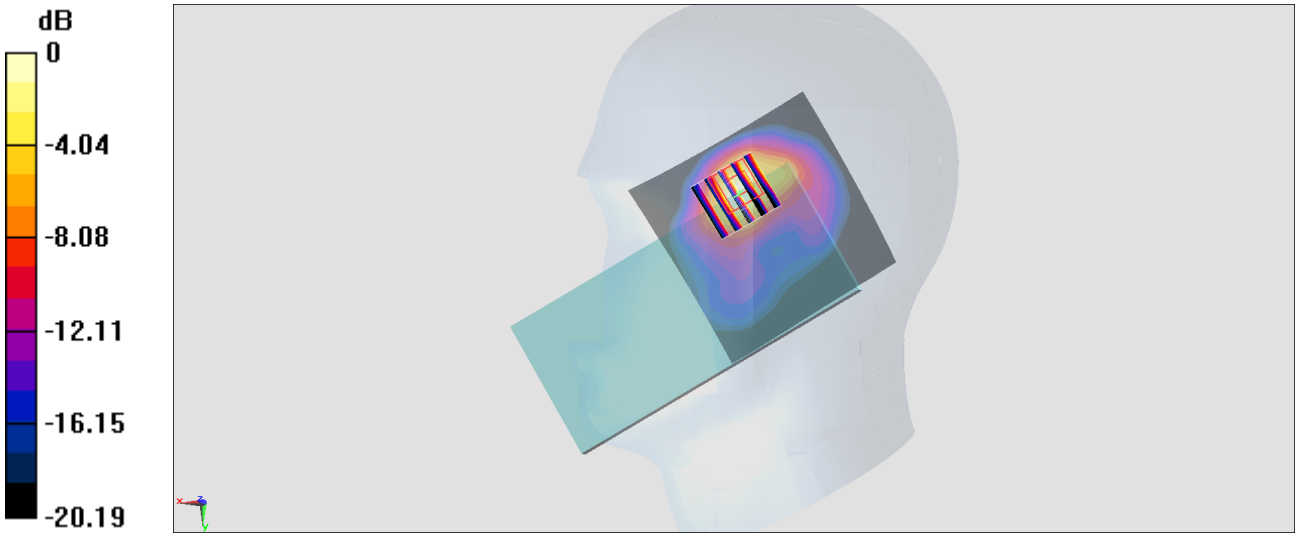
#15_FR1 n66_40M_BPSK_1_1_Right Cheek_Ch349000

Communication System: LTE; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200727 Medium parameters used: f = 1745 MHz; σ = 1.398 S/m; ε_r = 40.718; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1745 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.01 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.37 W/kg
SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.343 W/kg
Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

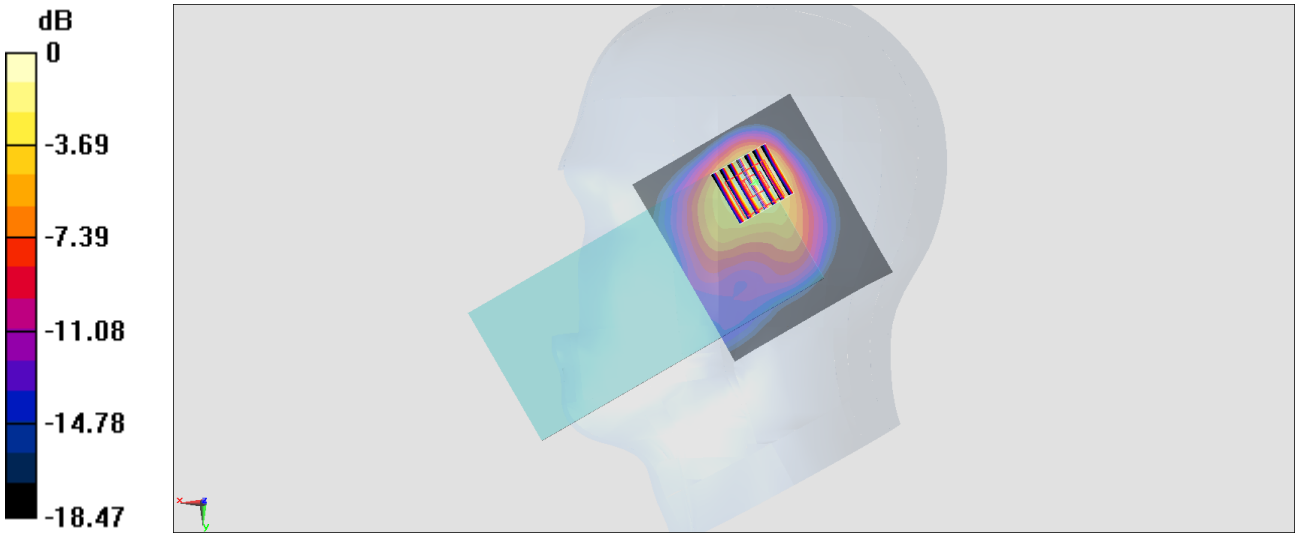
#16_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch1:Ant 8

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_200726 Medium parameters used: f = 2412 MHz; σ = 1.754 S/m; ε_r = 39.098; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61) @ 2412 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 1.21 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.37 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.800 W/kg; SAR(10 g) = 0.391 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



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

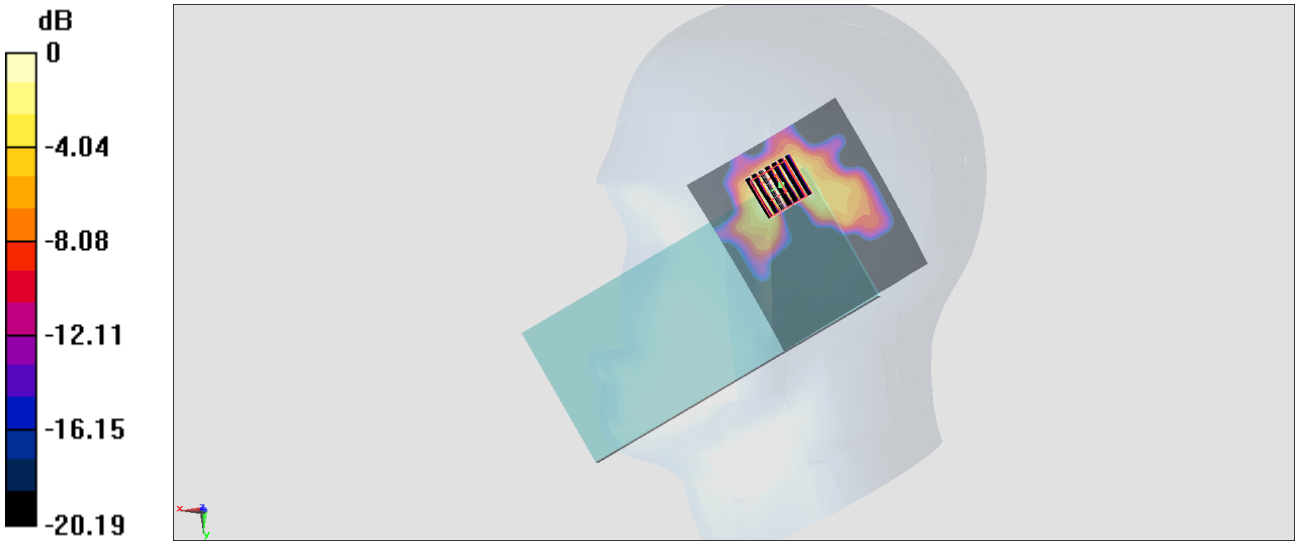
#17_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch42;Ant 9

Communication System: 802.11ac; Frequency: 5210 MHz;Duty Cycle: 1:1.074
Medium: HSL_5G_200822 Medium parameters used: f = 5210 MHz; σ = 4.572 S/m; ε_r = 35.882; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5210 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.372 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.767 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.728 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.047 W/kg
Maximum value of SAR (measured) = 0.439 W/kg



0 dB = 0.372 W/kg = -4.29 dBW/kg

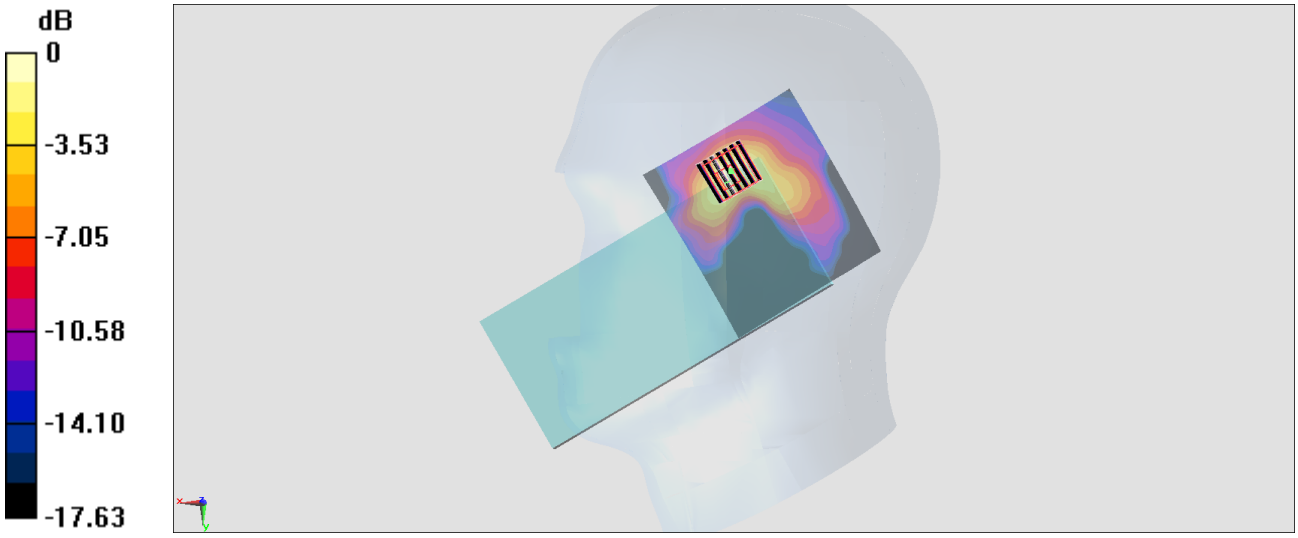
#18_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch52;Ant 9

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1.018
Medium: HSL_5G_200726 Medium parameters used: f = 5260 MHz; σ = 4.572 S/m; ε_r = 36.089; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5260 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.828 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.59 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.948 W/kg



0 dB = 0.828 W/kg = -0.82 dBW/kg

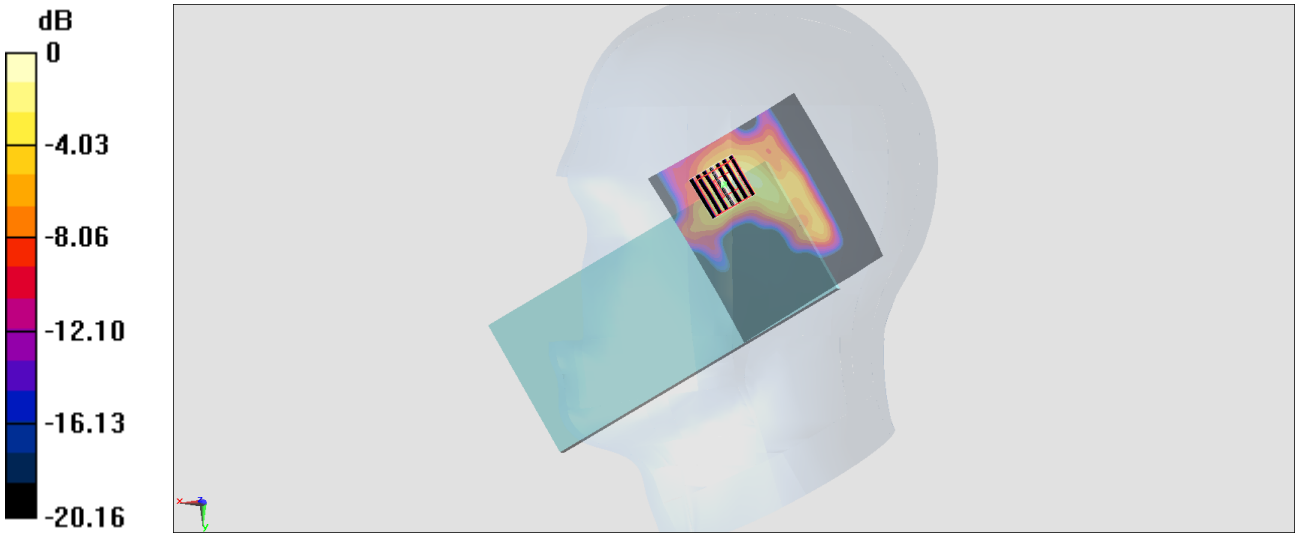
#19_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch100;Ant 9+10

Communication System: 802.11a; Frequency: 5500 MHz;Duty Cycle: 1:1.018
Medium: HSL_5G_200728 Medium parameters used: f = 5500 MHz; σ = 4.864 S/m; ε_r = 37.061; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.49, 4.49, 4.49) @ 5500 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.630 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.60 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.076 W/kg
Maximum value of SAR (measured) = 0.729 W/kg



0 dB = 0.630 W/kg = -2.01 dBW/kg

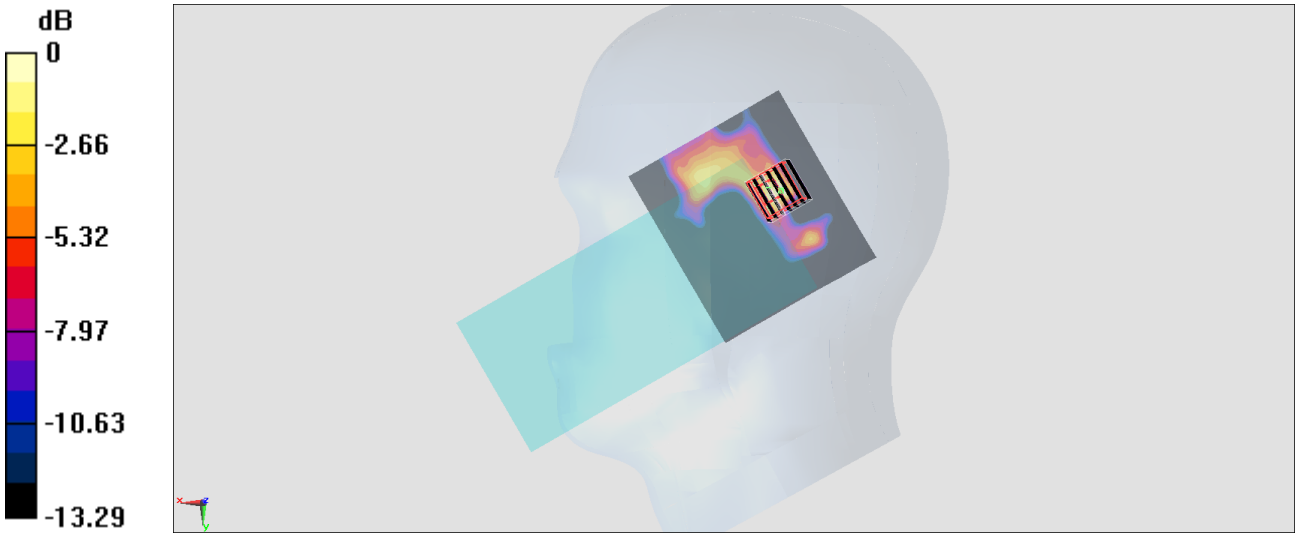
#20_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch165;Ant 9+10

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1.018
Medium: HSL_5G_200728 Medium parameters used: f = 5825 MHz; σ = 5.226 S/m; ε_r = 36.639; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.75, 4.75, 4.75) @ 5825 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.576 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.118 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.566 W/kg
SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.044 W/kg
Maximum value of SAR (measured) = 0.333 W/kg



0 dB = 0.576 W/kg = -2.40 dBW/kg

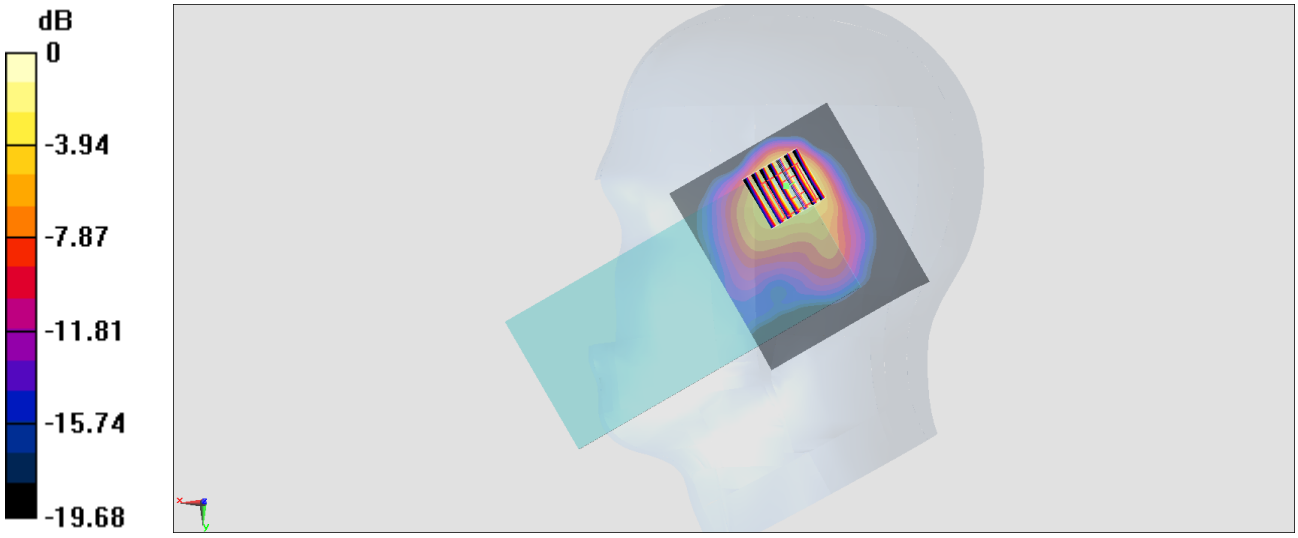
#21_Bluetooth_1Mbps_Right Cheek_Ch39;Ant 8

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1.303
Medium: HSL_2450_200726 Medium parameters used: f = 2441 MHz; σ = 1.799 S/m; ε_r = 38.899; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61) @ 2441 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.286 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.91 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.365 W/kg
SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.081 W/kg
Maximum value of SAR (measured) = 0.286 W/kg



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

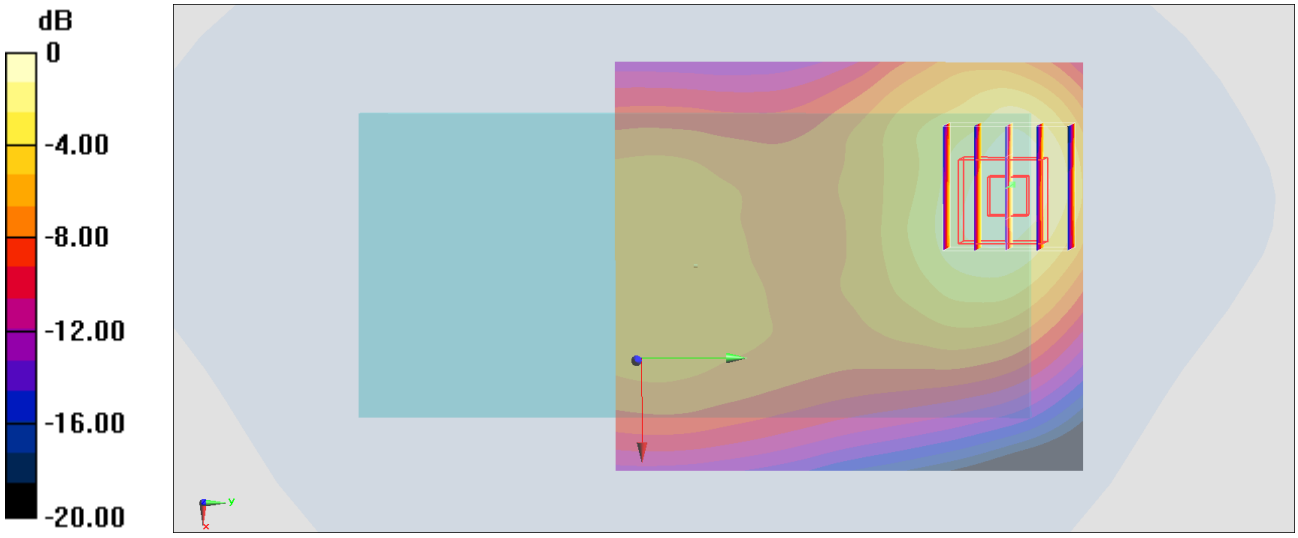
#22_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_200801 Medium parameters used : f = 848.8 MHz; σ = 0.913 S/m; ε_r = 42.257; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 848.8 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.397 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.55 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.450 W/kg
SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.166 W/kg
Maximum value of SAR (measured) = 0.388 W/kg



0 dB = 0.397 W/kg = -4.01 dBW/kg

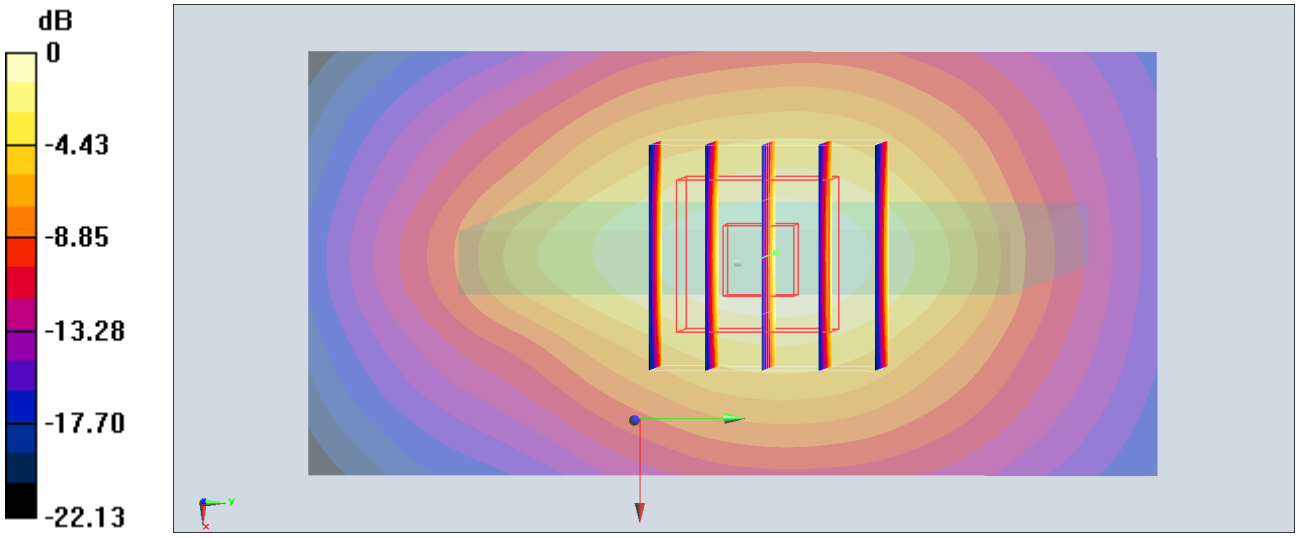
#23_GSM1900_GPRS (2 Tx slots)_Bottom Side_10mm_Ch661

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium: HSL_1900_200802 Medium parameters used: f = 1880 MHz; σ = 1.397 S/m; ε_r = 39.246; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1880 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.669 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.38 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.783 W/kg
SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.251 W/kg
Maximum value of SAR (measured) = 0.660 W/kg



0 dB = 0.669 W/kg = -1.75 dBW/kg

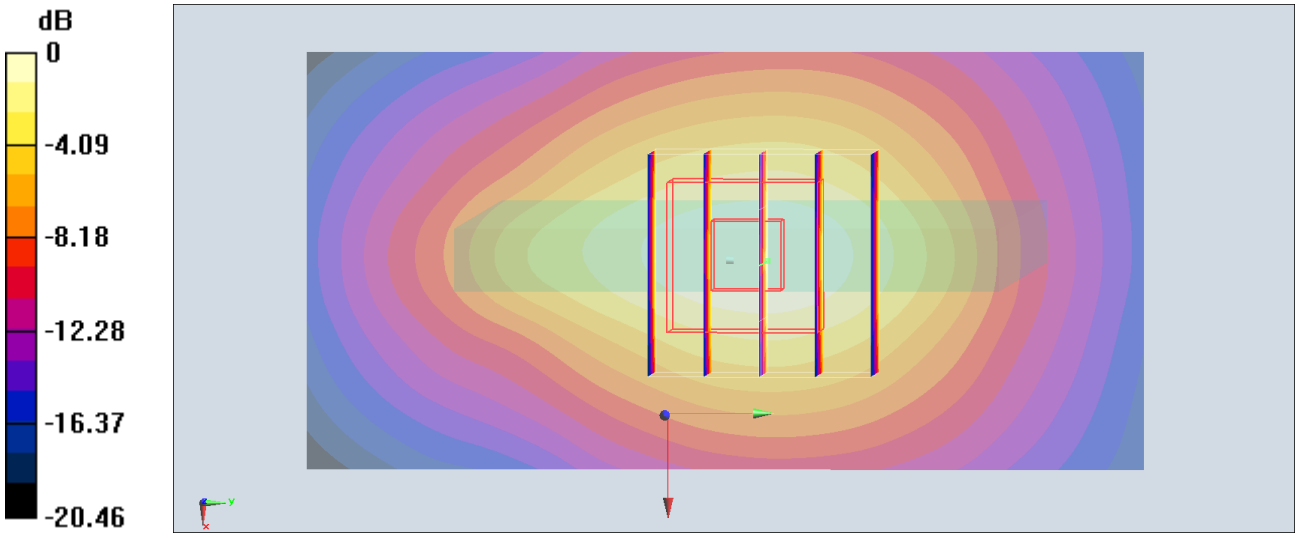
#24_WCDMA II_RMC 12.2Kbps_Bottom Side_10mm_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200802 Medium parameters used: f = 1908 MHz; σ = 1.423 S/m; ε_r = 39.129; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1907.6 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 1.23 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.50 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.468 W/kg
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.23 W/kg = 0.90 dBW/kg

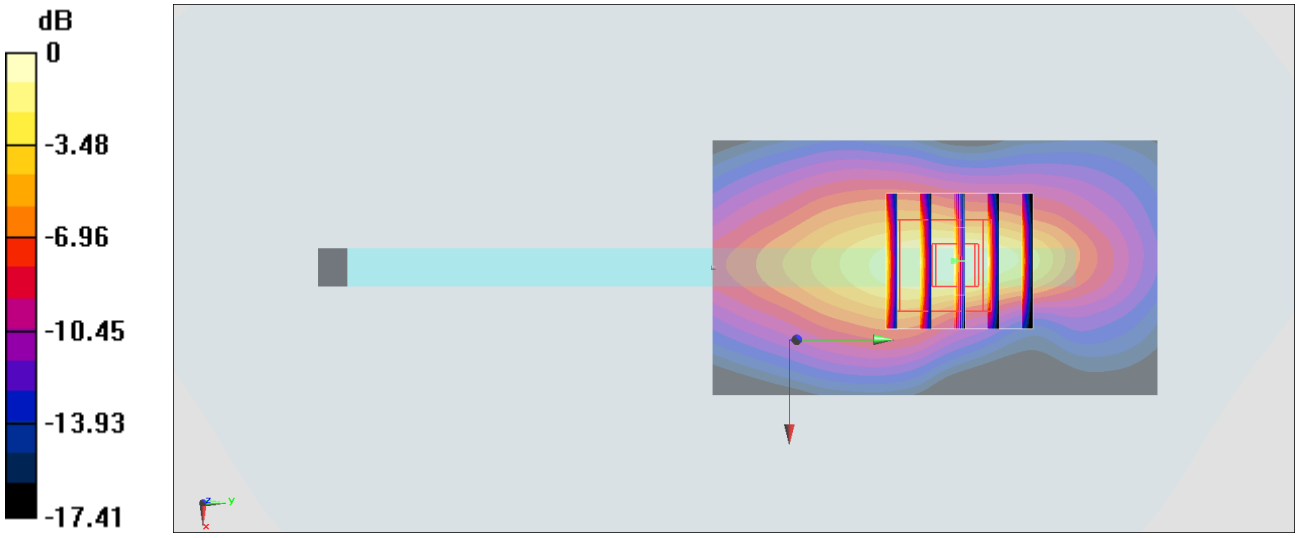
#25_WCDMA IV_RMC 12.2Kbps_Left Side_10mm_Ch1413

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200803 Medium parameters used: f = 1733 MHz; σ = 1.356 S/m; ε_r = 40.347; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1732.6 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.950 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.89 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.282 W/kg
Maximum value of SAR (measured) = 0.927 W/kg



0 dB = 0.950 W/kg = -0.22 dBW/kg

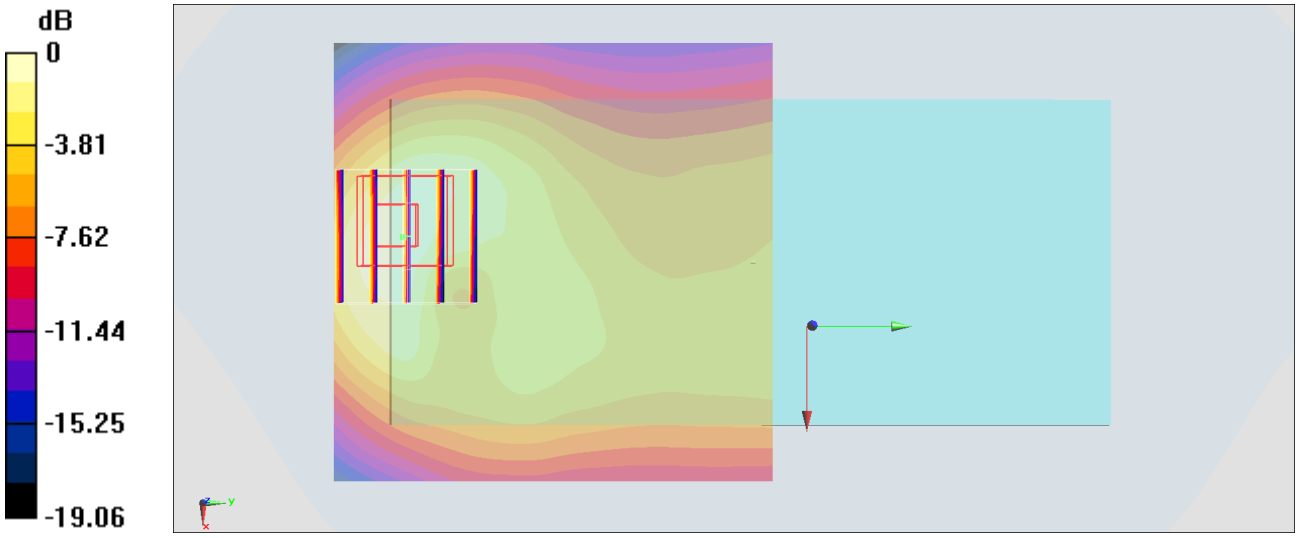
#26_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_200801 Medium parameters used : f = 836.4 MHz; σ = 0.902 S/m; ε_r = 42.457; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 836.4 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.555 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.46 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.658 W/kg
SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.215 W/kg
Maximum value of SAR (measured) = 0.544 W/kg



0 dB = 0.555 W/kg = -2.56 dBW/kg

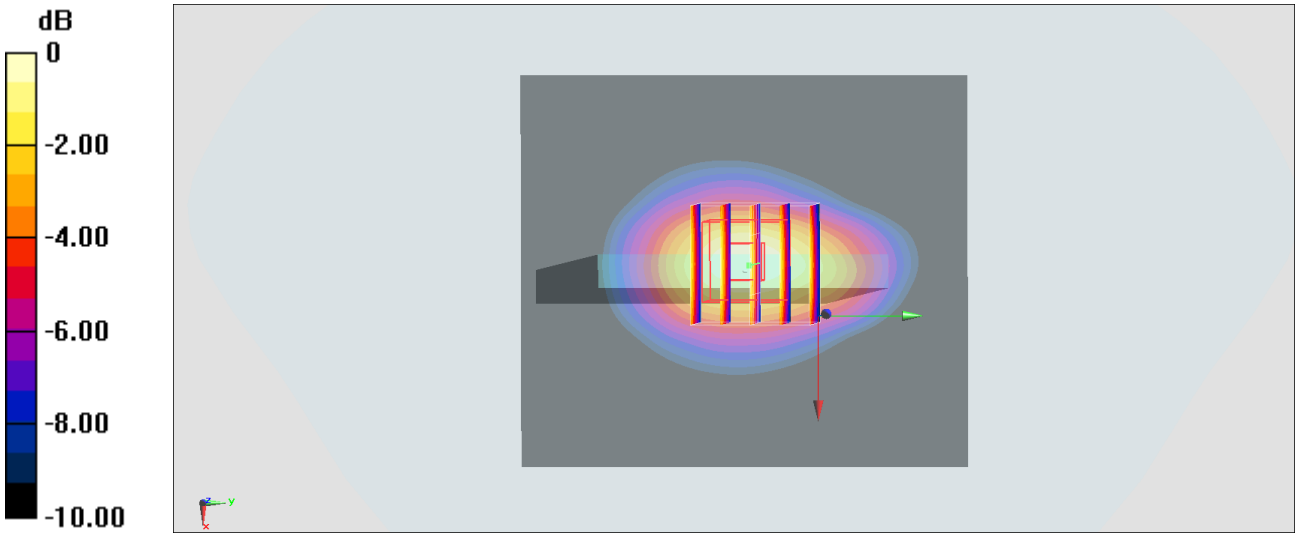
#27_LTE Band 2_20M_QPSK_1_0_Bottom Side_10mm_Ch19100

Communication System: LTE ; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200802 Medium parameters used: f = 1900 MHz; σ = 1.416 S/m; ε_r = 39.159; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1900 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.874 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.77 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.327 W/kg
Maximum value of SAR (measured) = 0.876 W/kg



0 dB = 0.874 W/kg = -0.58 dBW/kg

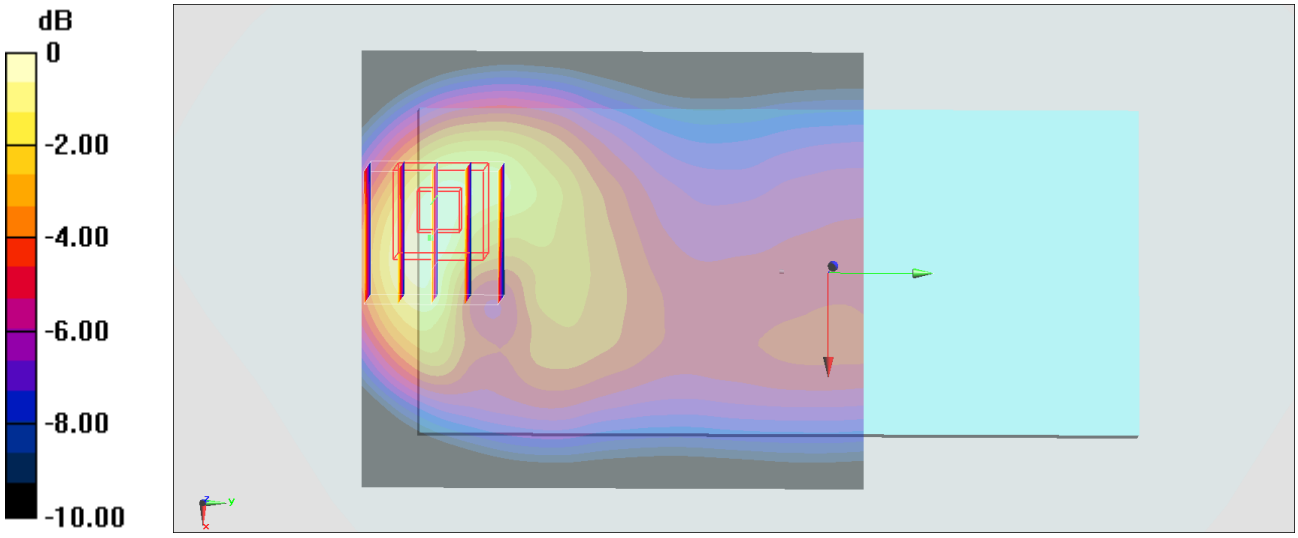
#28_LTE Band 5_10M_QPSK_1_0_Back_10mm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_200801 Medium parameters used: f = 836.5 MHz; σ = 0.902 S/m; ε_r = 42.456; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 836.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.374 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.34 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.455 W/kg
SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.152 W/kg
Maximum value of SAR (measured) = 0.380 W/kg



0 dB = 0.374 W/kg = -4.27 dBW/kg

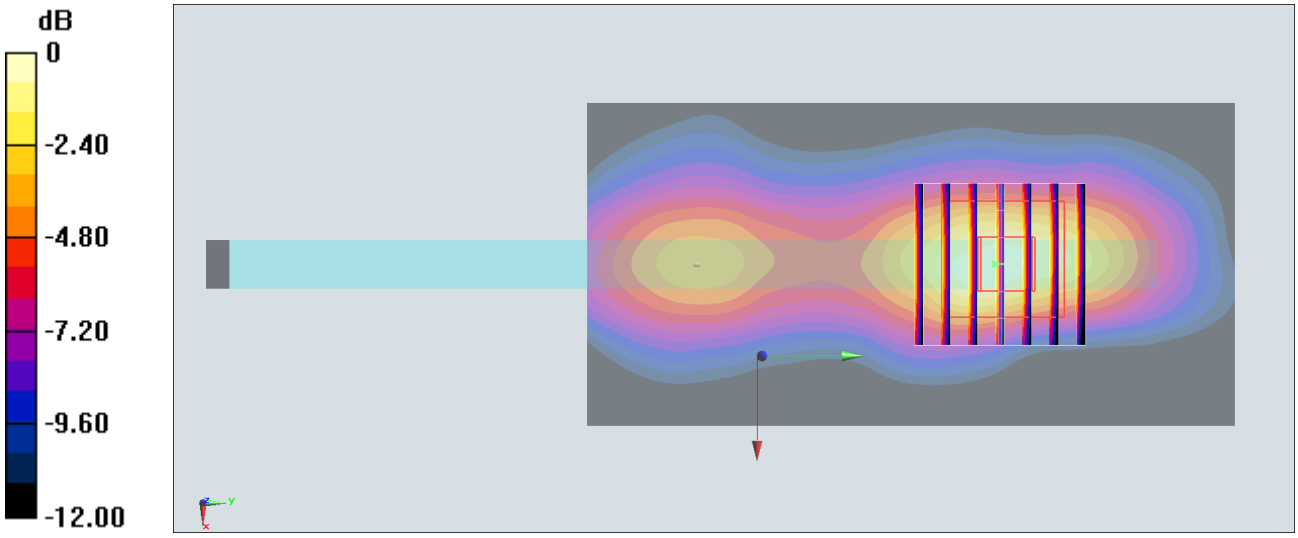
#29_LTE Band 7_20M_QPSK_1_0_Left Side_10mm_Ch21350

Communication System: LTE ; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_200804 Medium parameters used: f = 2560 MHz; σ = 1.919 S/m; ε_r = 38.383; ρ = $1000_{kg/m^3}$
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(7.43, 7.43, 7.43) @ 2560 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.941 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.55 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.235 W/kg
Maximum value of SAR (measured) = 0.984 W/kg



0 dB = 0.941 W/kg = -0.26 dBW/kg

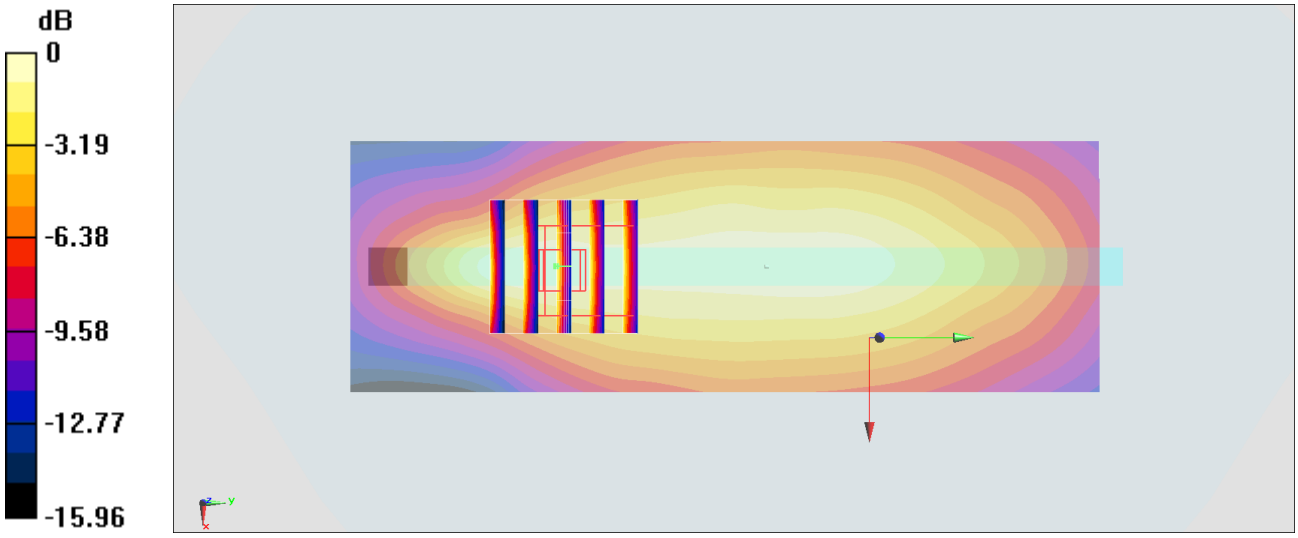
#30_LTE Band 12_10M_QPSK_1_0_Right Side_10mm_Ch23095

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_200804 Medium parameters used: f = 707.5 MHz; σ = 0.854 S/m; ε_r = 43.824; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(9.99, 9.99, 9.99) @ 707.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.195 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.89 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.233 W/kg
SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.066 W/kg
Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.195 W/kg = -7.10 dBW/kg

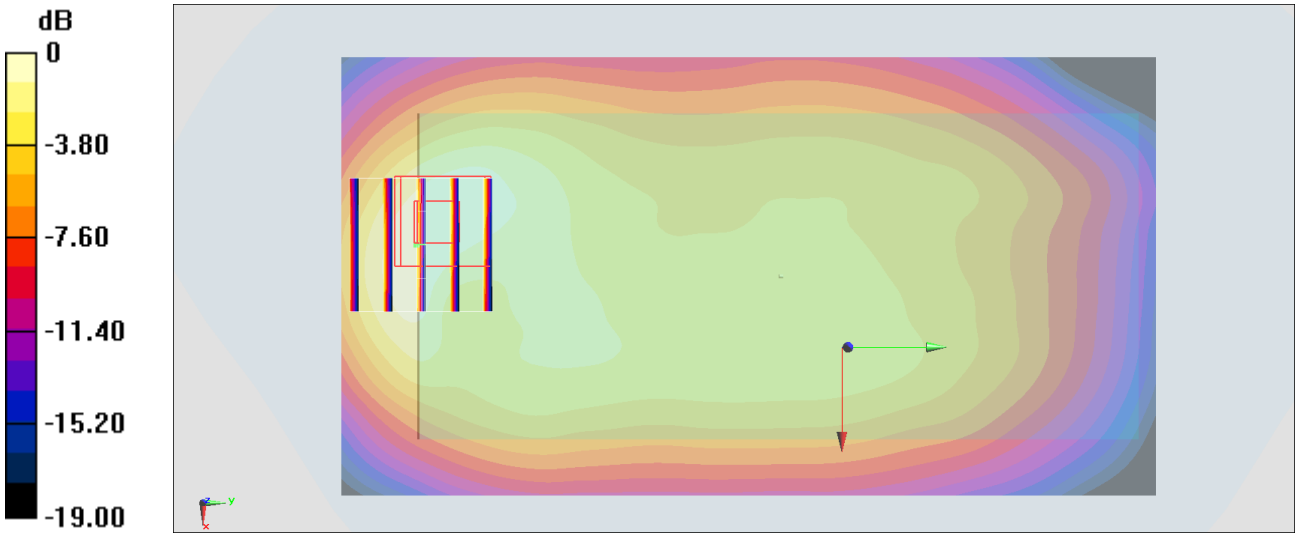
#31_LTE Band 13_10M_QPSK_1_0_Back_10mm_Ch23230

Communication System: LTE ; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_200804 Medium parameters used: f = 782 MHz; σ = 0.923 S/m; ε_r = 42.828; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(9.99, 9.99, 9.99) @ 782 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x131x1): 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 = 12.96 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.299 W/kg
SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.232 W/kg = -6.35 dBW/kg

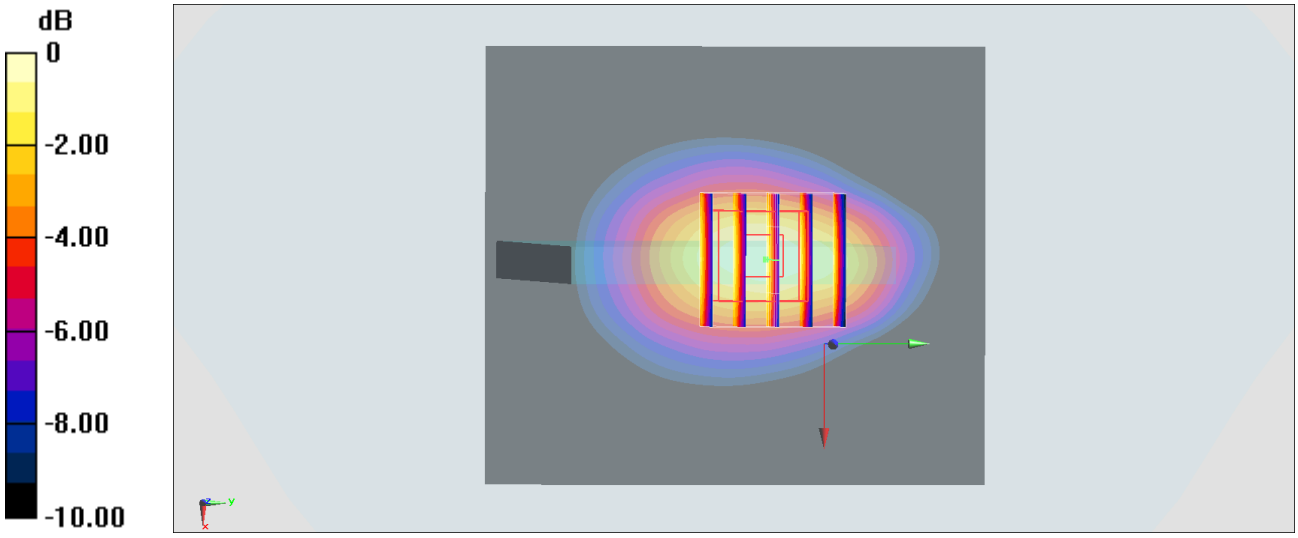
#32_LTE Band 66_20M_QPSK_1_0_Bottom Side_10mm_Ch132572

Communication System: LTE ; Frequency: 1770 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200803 Medium parameters used: f = 1770 MHz; σ = 1.37 S/m; ε_r = 40.383; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1770 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.765 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.00 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.901 W/kg
SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.289 W/kg
Maximum value of SAR (measured) = 0.741 W/kg



0 dB = 0.765 W/kg = -1.16 dBW/kg

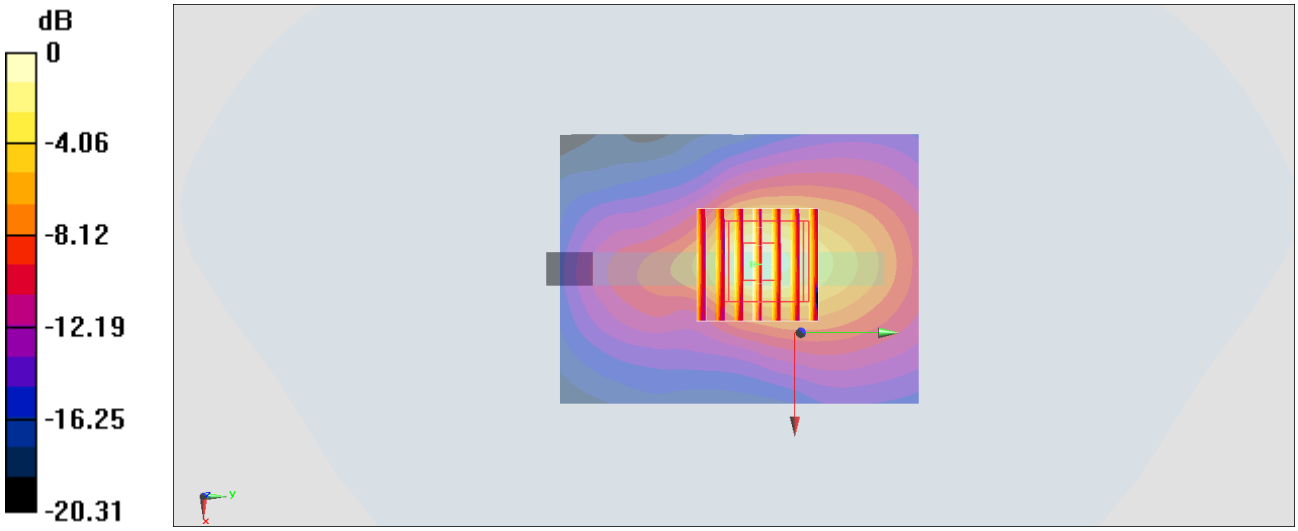
#33_LTE Band 48_20M_QPSK_1_0_Top Side_10mm_Ch56640

Communication System: LTE ; Frequency: 3690 MHz;Duty Cycle: 1:1.59
Medium: HSL_3700_200825 Medium parameters used : f = 3690 MHz; σ = 3.108 S/m; ε_r = 37.707; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925;ConvF(6.91, 6.91, 6.91) @ 3690 MHz;Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM_Mid; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.37 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 19.28 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.290 W/kg
Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.37 W/kg = 1.37 dBW/kg

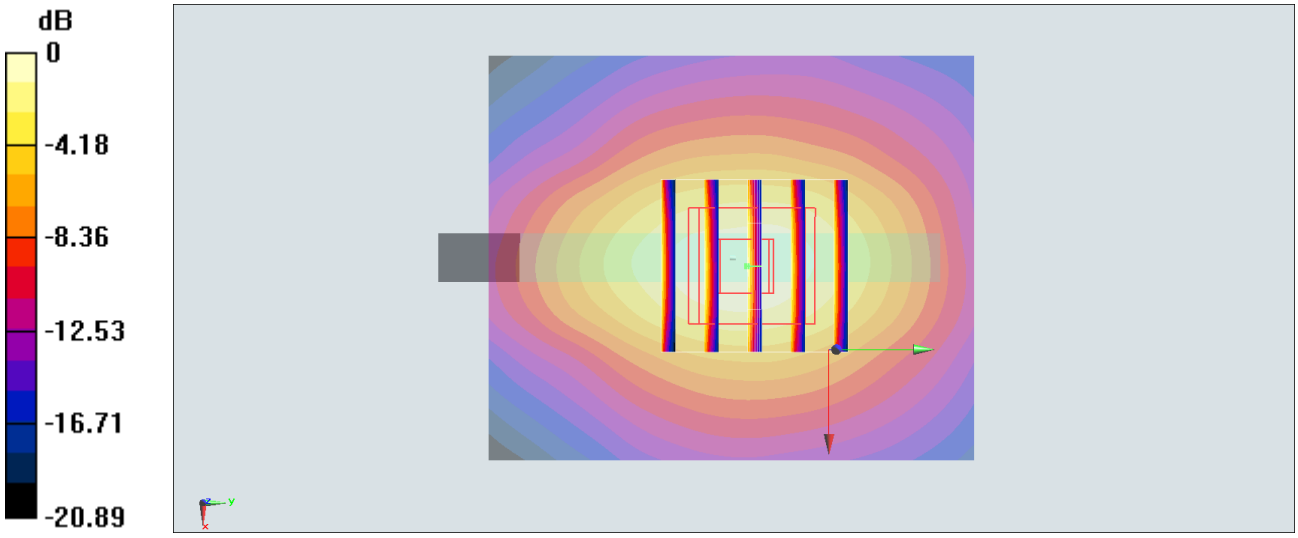
#34_FR1 n2_20M_BPSK_1_1_Bottom Side_10mm_Ch372000

Communication System: LTE ; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200728 Medium parameters used: f = 1860 MHz; σ = 1.388 S/m; ε_r = 39.708; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1860 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.915 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.36 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.309 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 0.915 W/kg = -0.39 dBW/kg

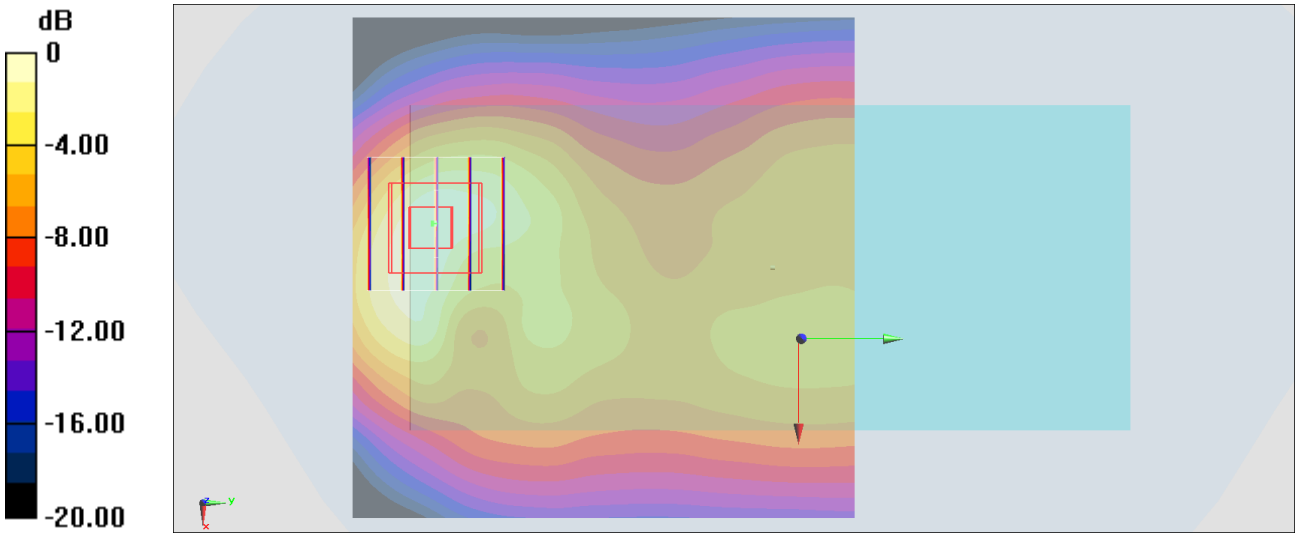
#35_FR1 n5_20M_BPSK_1_1_Back_10mm_Ch167300

Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_200731 Medium parameters used: f = 836.5 MHz; σ = 0.877 S/m; ε_r = 41.851; ρ = $1000_{kg/m^3}$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 836.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.268 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.35 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.385 W/kg
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.096 W/kg
Maximum value of SAR (measured) = 0.302 W/kg



0 dB = 0.268 W/kg = -5.72 dBW/kg

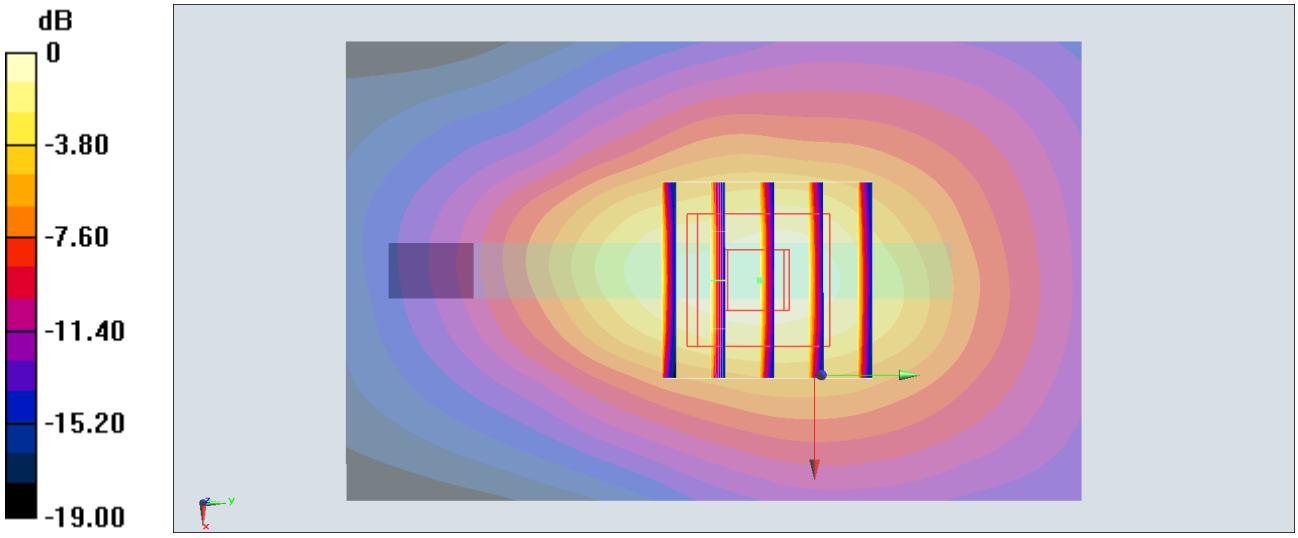
#36_FR1 n66_20M_BPSK_1_1_Bottom Side_10mm_Ch349000

Communication System: LTE ; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200731 Medium parameters used: f = 1745 MHz; σ = 1.343 S/m; ε_r = 40.871; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1745 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.623 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.51 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.876 W/kg
SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.201 W/kg
Maximum value of SAR (measured) = 0.646 W/kg



0 dB = 0.623 W/kg = -2.06 dBW/kg

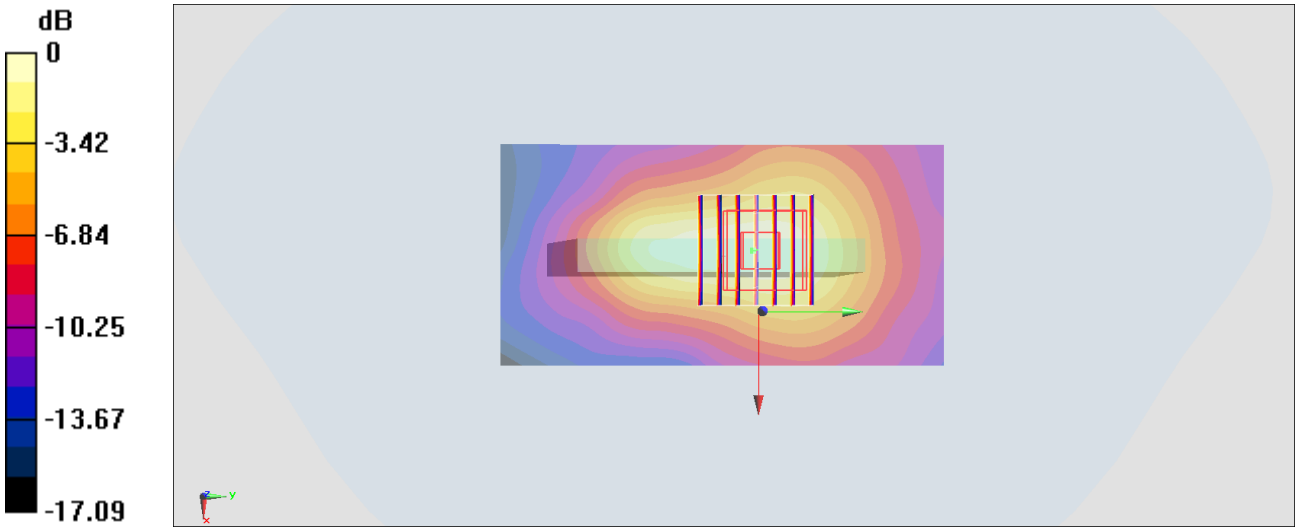
##37_WLAN2.4GHz_802.11b 1Mbps_Top Side_10mm_Ch11;Ant 8 ~~1~~0

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_200826 Medium parameters used: f = 2462 MHz; σ = 1.807 S/m; ε_r = 38.675; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925;ConvF(7.6, 7.6, 7.6) @ 2462 MHz;Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.124 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.417 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.142 W/kg
SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.121 W/kg



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

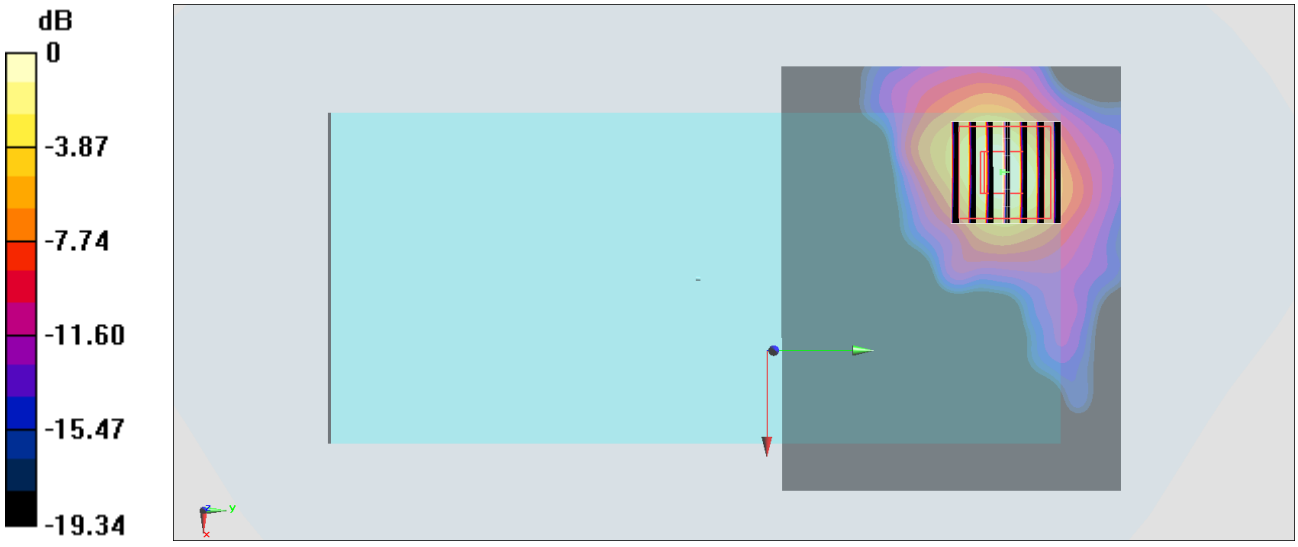
#38_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch42;Ant 10

Communication System: 802.11ac; Frequency: 5210 MHz;Duty Cycle: 1:1.074
Medium: HSL_5G_200823 Medium parameters used: f = 5210 MHz; σ = 4.49 S/m; ε_r = 36.849; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5210 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.577 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.904 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.078 W/kg
Maximum value of SAR (measured) = 0.638 W/kg



0 dB = 0.577 W/kg = -2.39 dBW/kg

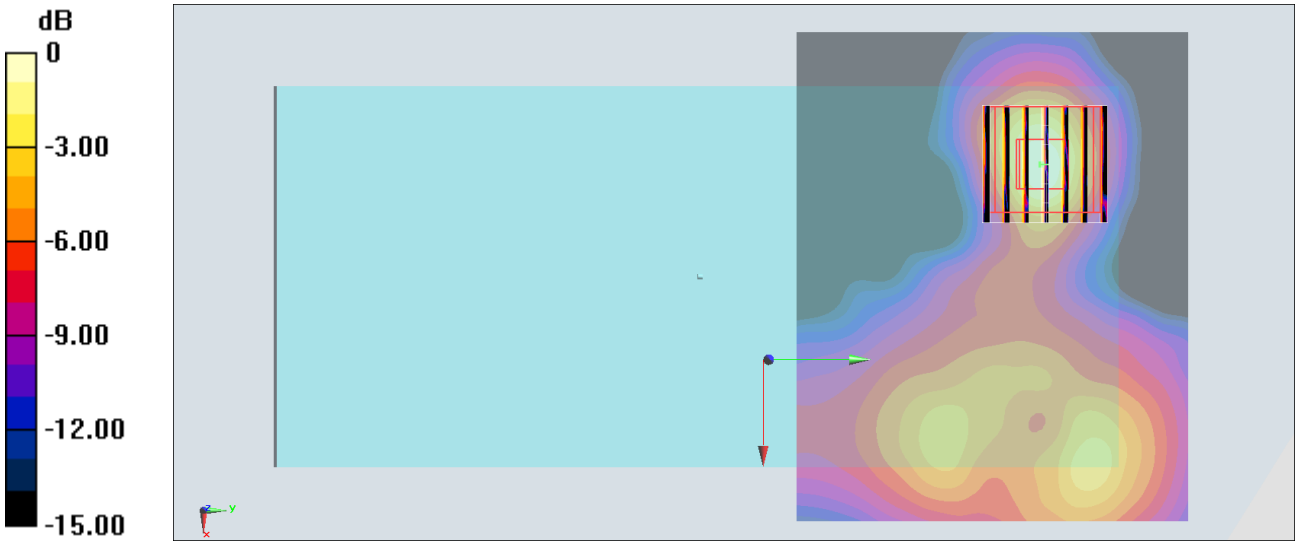
#39_WLAN5GHz_802.11ac-VHT80 MCS0_Back_10mm_Ch155;Ant 9+10

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.074
Medium: HSL_5G_200823 Medium parameters used: f = 5775 MHz; σ = 5.055 S/m; ε_r = 36.116; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.75, 4.75, 4.75) @ 5775 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.768 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.20 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.770 W/kg



0 dB = 0.768 W/kg = -1.15 dBW/kg

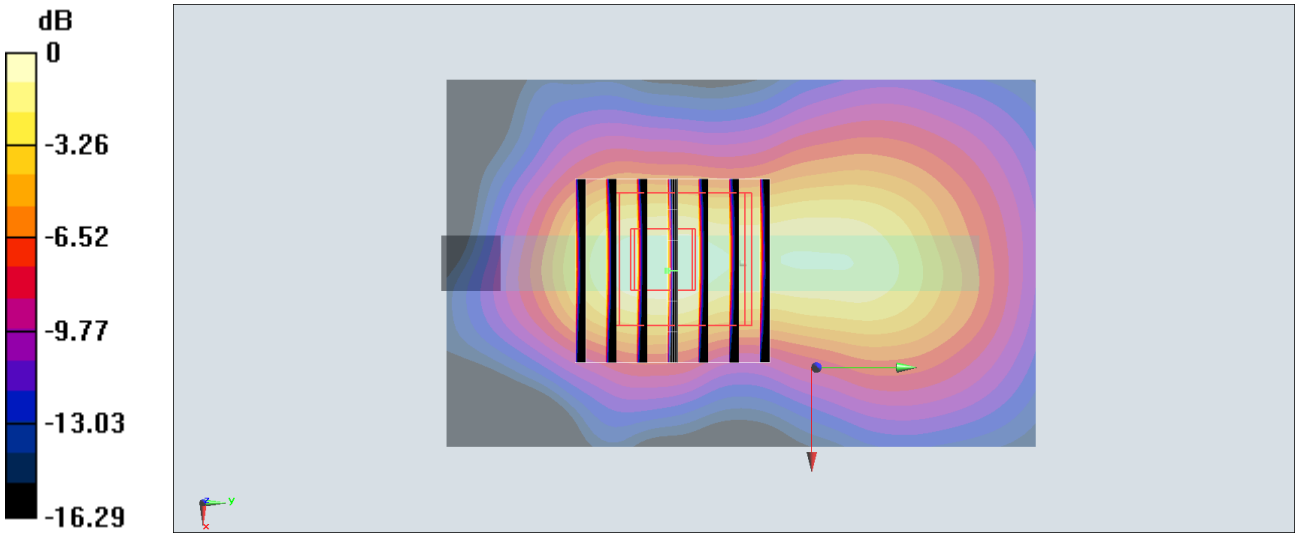
#40_Bluetooth_1Mbps_Top Side_10mm_Ch39;Ant 8

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1.303
Medium: HSL_2450_200726 Medium parameters used: f = 2441 MHz; σ = 1.799 S/m; ε_r = 38.899; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61) @ 2441 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.115 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.996 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.194 W/kg
SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.028 W/kg
Maximum value of SAR (measured) = 0.130 W/kg



0 dB = 0.115 W/kg = -9.39 dBW/kg

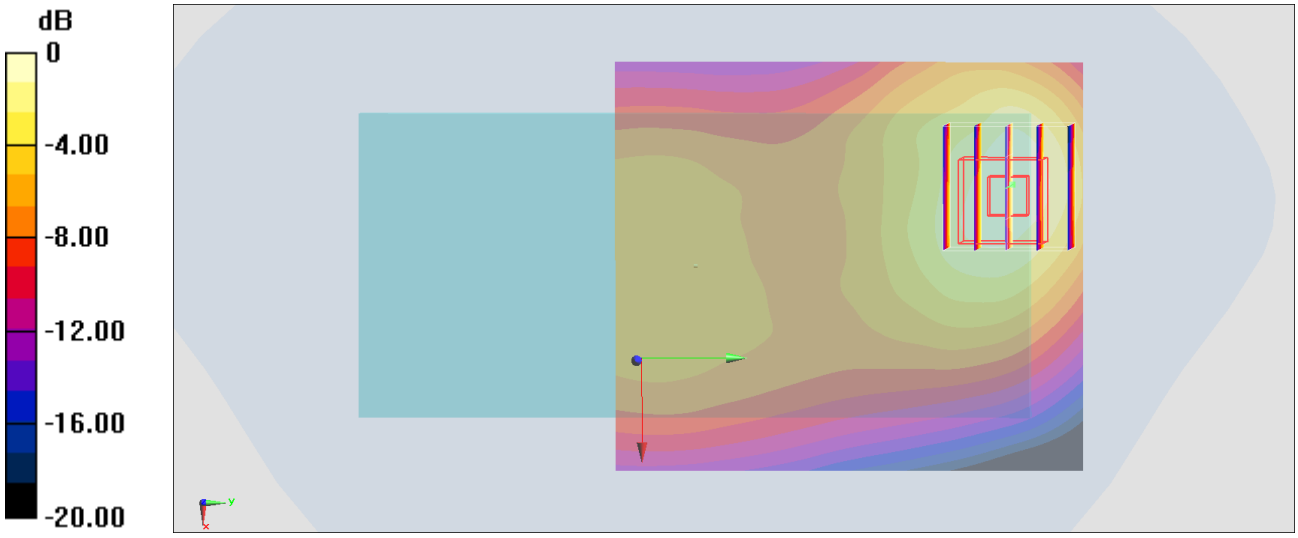
#41_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_200801 Medium parameters used : f = 848.8 MHz; σ = 0.913 S/m; ε_r = 42.257; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 848.8 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.397 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.55 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.450 W/kg
SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.166 W/kg
Maximum value of SAR (measured) = 0.388 W/kg



0 dB = 0.397 W/kg = -4.01 dBW/kg

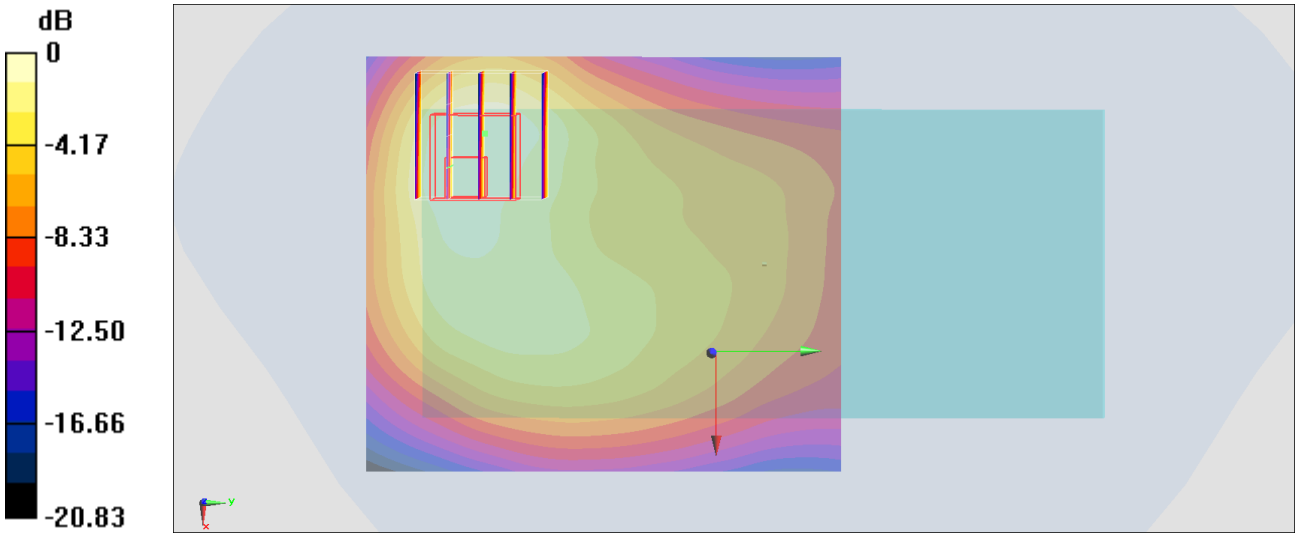
#42_GSM1900_GPRS (2 Tx slots)_Back_10mm_Ch661

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4.15
Medium: HSL_1900_200802 Medium parameters used: f = 1880 MHz; σ = 1.397 S/m; ε_r = 39.246; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1880 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.408 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.36 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.449 W/kg
SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.152 W/kg
Maximum value of SAR (measured) = 0.362 W/kg



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

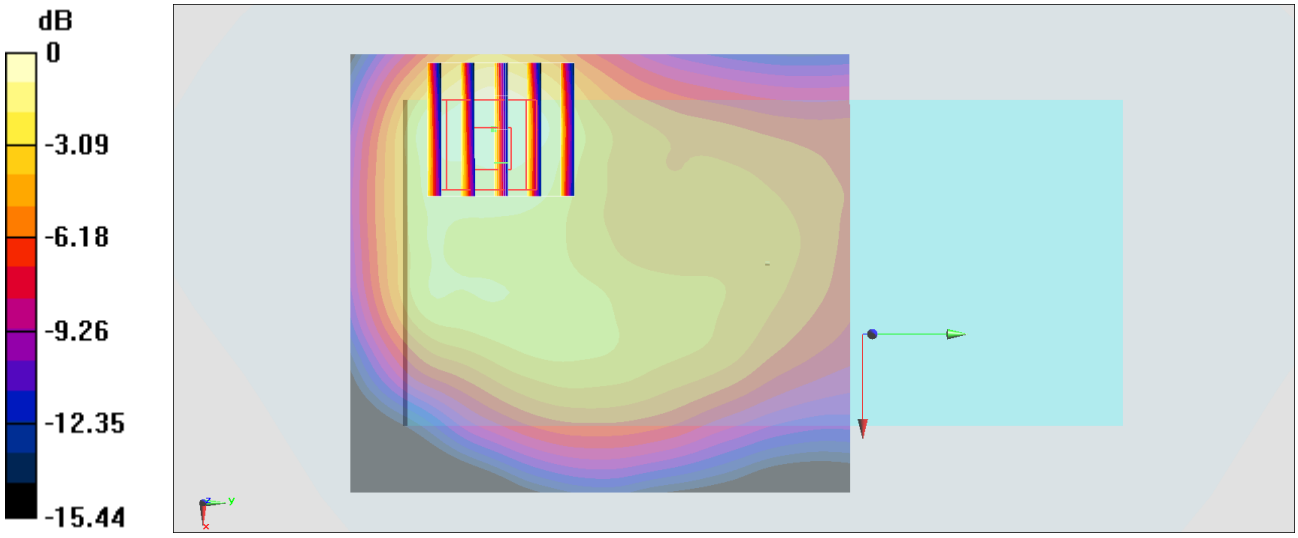
#43_WCDMA II_RMC 12.2Kbps_Back_10mm_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200802 Medium parameters used: f = 1908 MHz; σ = 1.423 S/m; ε_r = 39.129; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1907.6 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.733 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.92 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.950 W/kg
SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.242 W/kg
Maximum value of SAR (measured) = 0.693 W/kg



0 dB = 0.733 W/kg = -1.35 dBW/kg

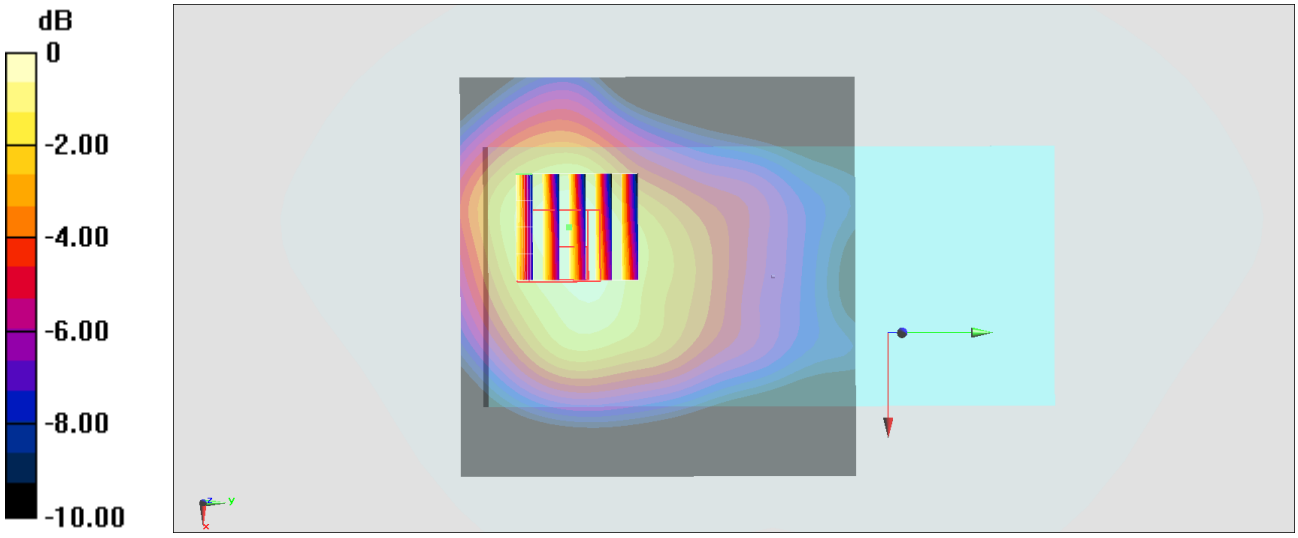
#44_WCDMA IV_RMC 12.2Kbps_Back_10mm_Ch1312

Communication System: WCDMA ; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200803 Medium parameters used: f = 1712.4 MHz; σ = 1.318 S/m; ε_r = 40.615; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1712.4 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.592 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.55 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.700 W/kg
SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.265 W/kg
Maximum value of SAR (measured) = 0.595 W/kg



0 dB = 0.592 W/kg = -2.28 dBW/kg

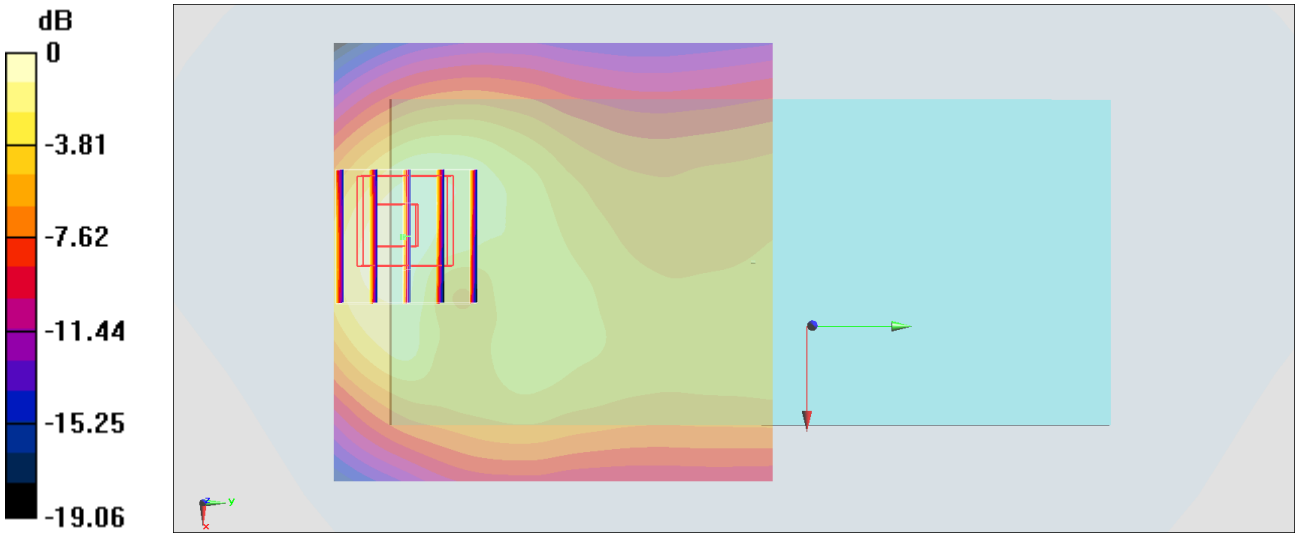
#45_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_200801 Medium parameters used : f = 836.4 MHz; σ = 0.902 S/m; ε_r = 42.457; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 836.4 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.555 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.46 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.658 W/kg
SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.215 W/kg
Maximum value of SAR (measured) = 0.544 W/kg



0 dB = 0.555 W/kg = -2.56 dBW/kg

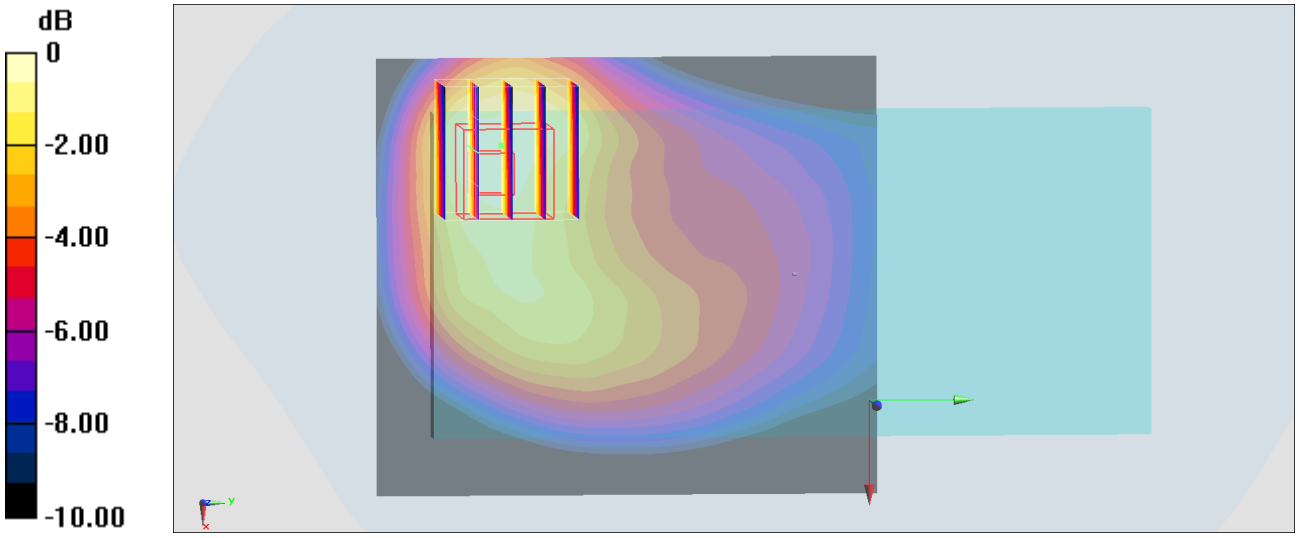
#46_LTE Band 2_20M_QPSK_1_0_Back_10mm_Ch19100

Communication System: LTE ; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200802 Medium parameters used: f = 1900 MHz; σ = 1.416 S/m; ε_r = 39.159; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1900 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.549 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.61 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.632 W/kg
SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.223 W/kg
Maximum value of SAR (measured) = 0.518 W/kg



0 dB = 0.549 W/kg = -2.60 dBW/kg

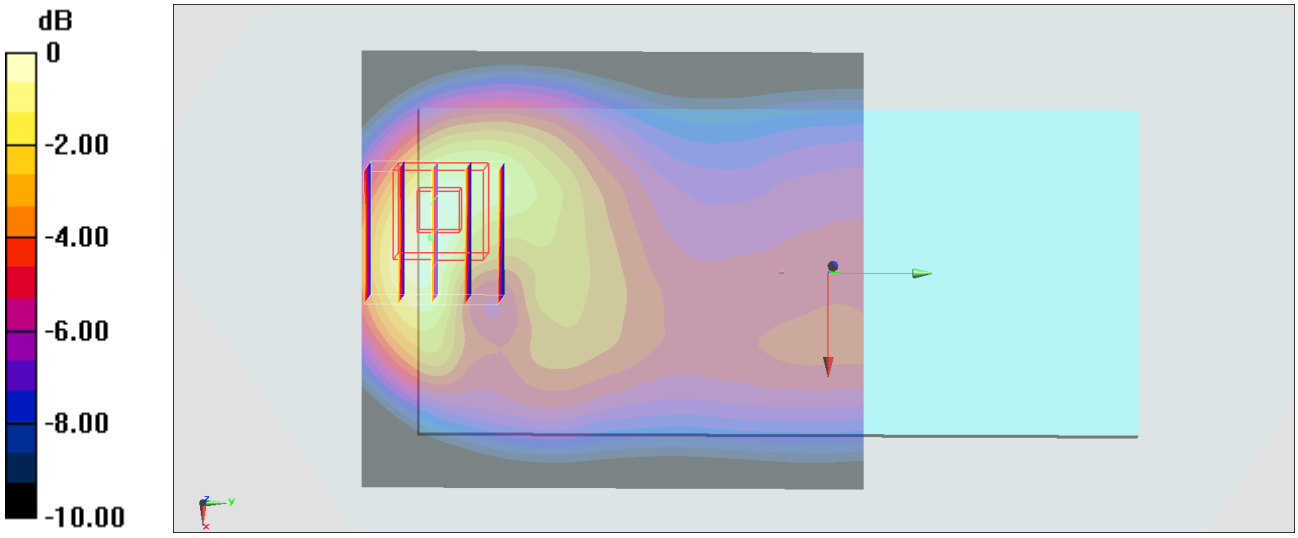
#47_LTE Band 5_10M_QPSK_1_0_Back_10mm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_200801 Medium parameters used: f = 836.5 MHz; σ = 0.902 S/m; ε_r = 42.456; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 836.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.374 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.34 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.455 W/kg
SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.152 W/kg
Maximum value of SAR (measured) = 0.380 W/kg



0 dB = 0.374 W/kg = -4.27 dBW/kg

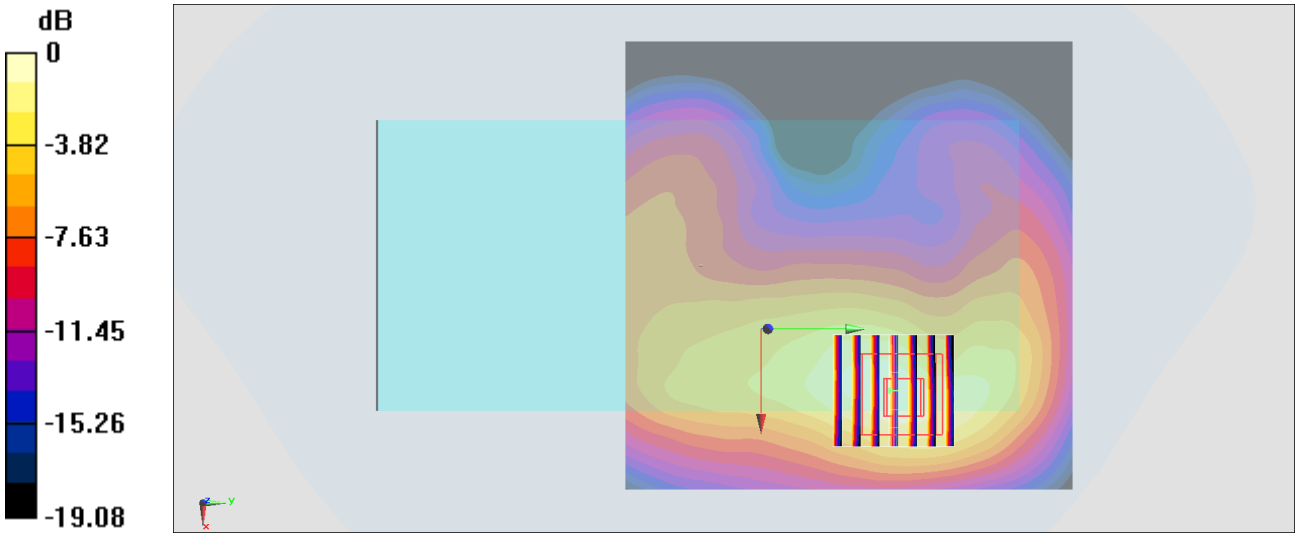
#48_LTE Band 7_20M_QPSK_1_0__Back_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_200804 Medium parameters used: f = 2560 MHz; σ = 1.919 S/m; ε_r = 38.383; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(7.43, 7.43, 7.43) @ 2560 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.559 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.62 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.668 W/kg
SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.198 W/kg
Maximum value of SAR (measured) = 0.505 W/kg



0 dB = 0.559 W/kg = -2.53 dBW/kg

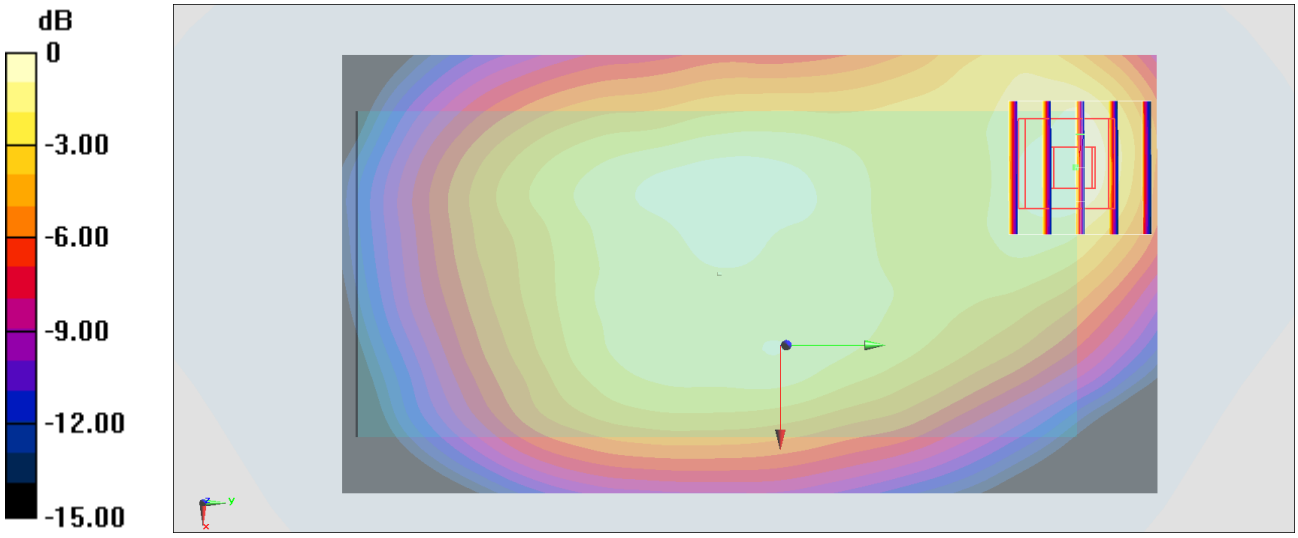
#49_LTE Band 12_10M_QPSK_1_0_Back_10mm_Ch23095

Communication System: LTE ; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_200805 Medium parameters used : f = 707.5 MHz; σ = 0.887 S/m; ε_r = 44.017; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(9.99, 9.99, 9.99) @ 707.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.176 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.03 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.226 W/kg
SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.061 W/kg
Maximum value of SAR (measured) = 0.168 W/kg



0 dB = 0.176 W/kg = -7.54 dBW/kg

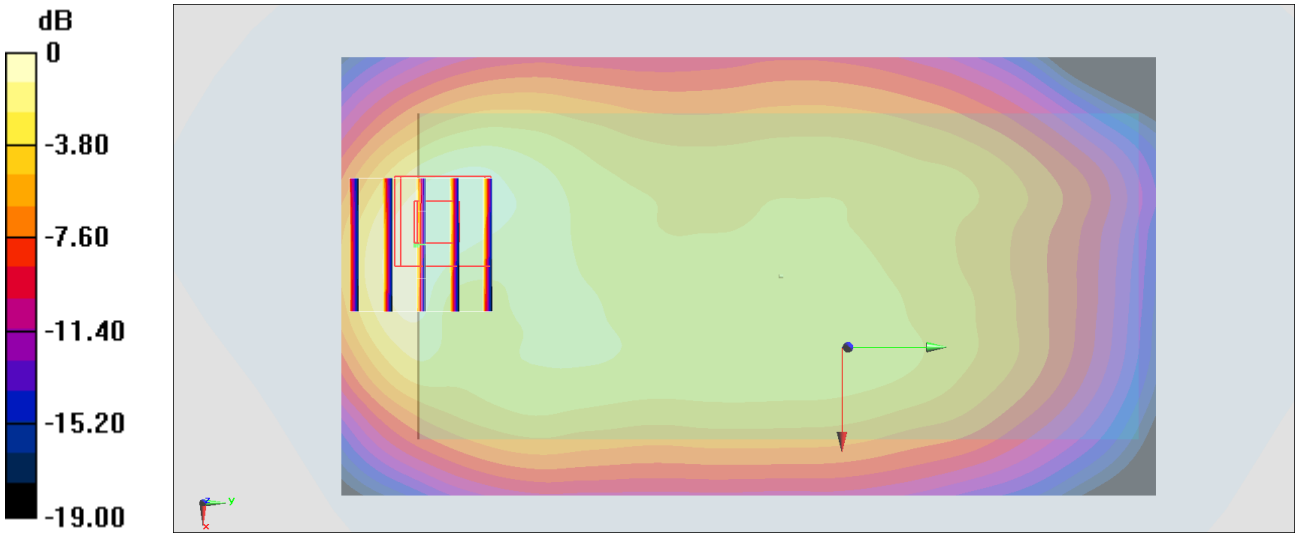
#50_LTE Band 13_10M_QPSK_1_0_Back_10mm_Ch23230

Communication System: LTE ; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_200804 Medium parameters used: f = 782 MHz; σ = 0.923 S/m; ε_r = 42.828; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(9.99, 9.99, 9.99) @ 782 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (71x131x1): 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 = 12.96 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.299 W/kg
SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.232 W/kg = -6.35 dBW/kg

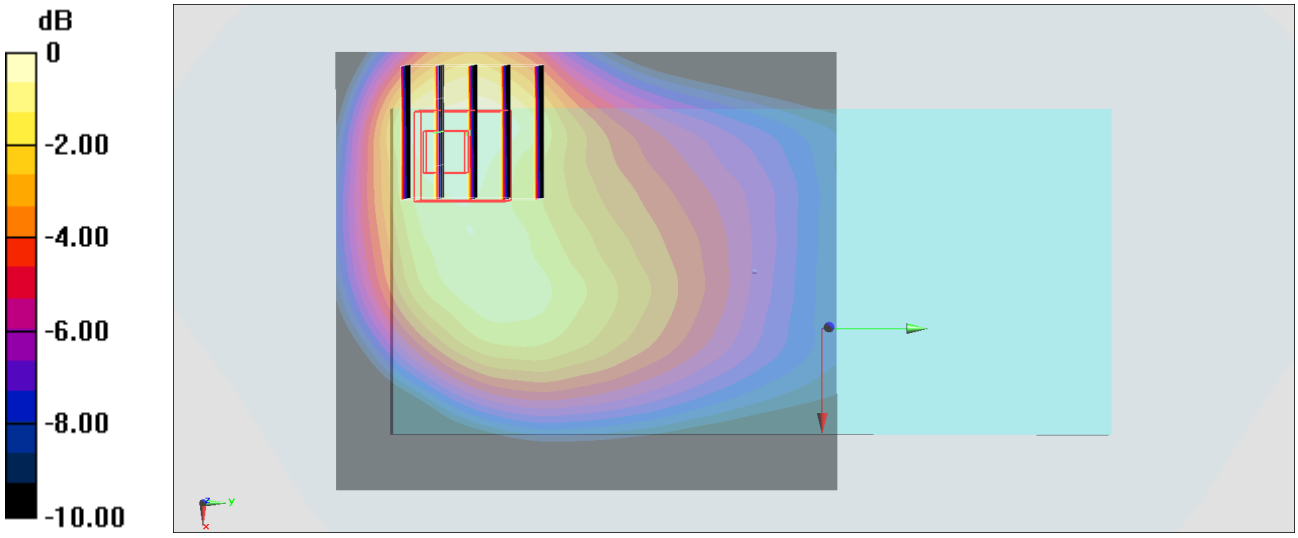
#51_LTE Band 66_20M_QPSK_1_0_Back_10mm_Ch132572

Communication System: LTE ; Frequency: 1770 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200803 Medium parameters used: f = 1770 MHz; σ = 1.37 S/m; ε_r = 40.383; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1770 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.529 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.42 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.629 W/kg
SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.219 W/kg
Maximum value of SAR (measured) = 0.514 W/kg



0 dB = 0.529 W/kg = -2.77 dBW/kg

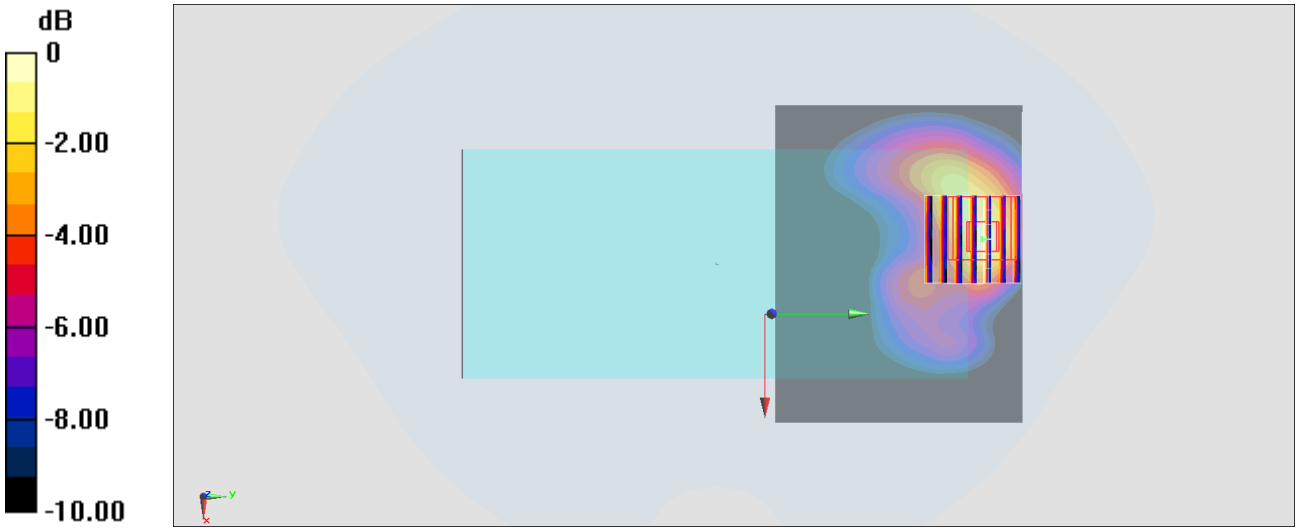
#52_LTE Band 48_20M_QPSK_1_0_Back_10mm_Ch55830

Communication System: LTE ; Frequency: 3609 MHz;Duty Cycle: 1:1.59
Medium: HSL_3700_200825 Medium parameters used : f = 3609 MHz; σ = 3.023 S/m; ε_r = 37.784; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925;ConvF(6.91, 6.91, 6.91) @ 3609 MHz;Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2020/6/4
- Phantom: SAM_Mid; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.907 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 13.12 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.201 W/kg
SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.208 W/kg
Maximum value of SAR (measured) = 0.903 W/kg



0 dB = 0.907 W/kg = -0.42 dBW/kg

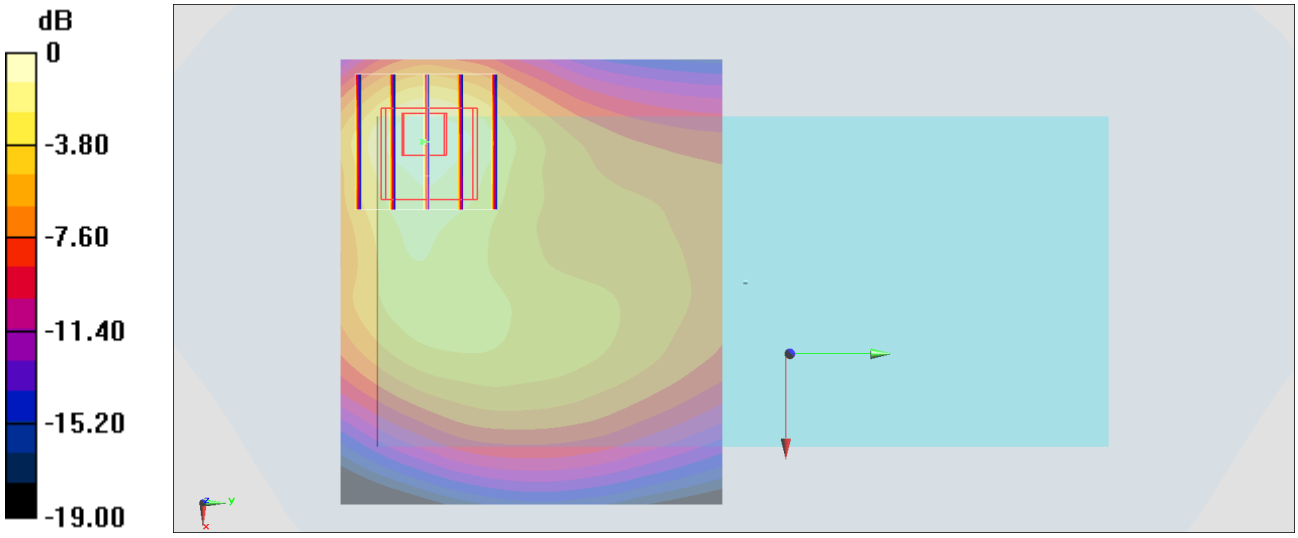
#53_FR1 n2_20M_BPSK_1_1_Back_10mm_Ch372000

Communication System: LTE ; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_200728 Medium parameters used: f = 1860 MHz; σ = 1.388 S/m; ε_r = 39.708; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1860 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.703 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.57 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.929 W/kg
SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.207 W/kg
Maximum value of SAR (measured) = 0.648 W/kg



0 dB = 0.703 W/kg = -1.53 dBW/kg

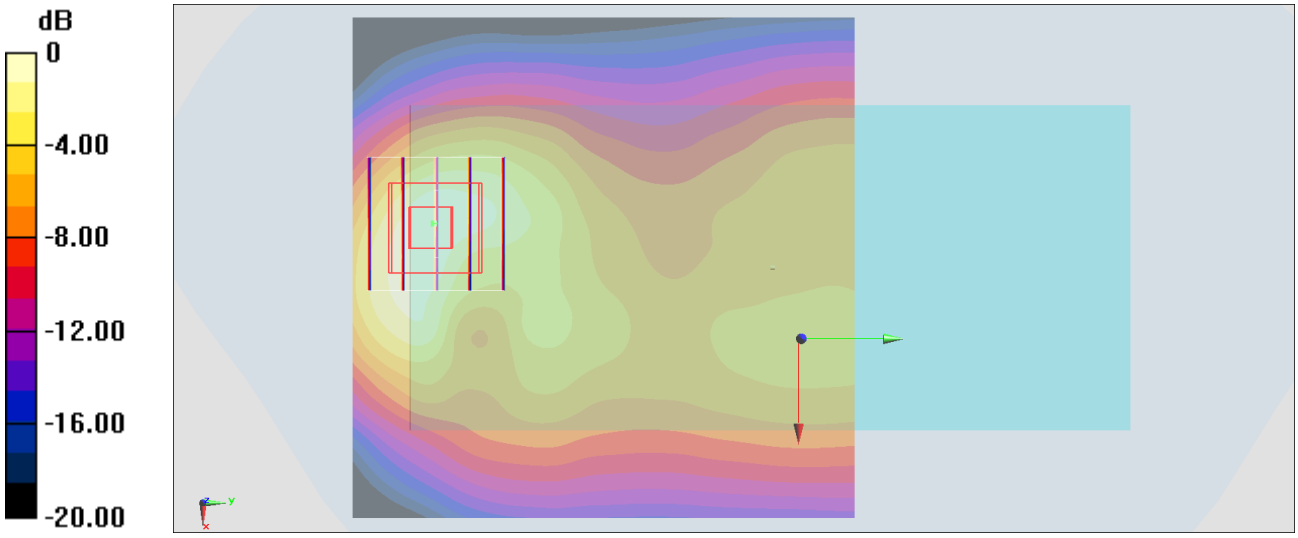
#54_FR1 n5_20M_BPSK_1_1_Back_10mm_Ch167300

Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_200731 Medium parameters used: f = 836.5 MHz; σ = 0.877 S/m; ε_r = 41.851; ρ = $1000_{kg/m^3}$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 836.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.268 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.35 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.385 W/kg
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.096 W/kg
Maximum value of SAR (measured) = 0.302 W/kg



0 dB = 0.268 W/kg = -5.72 dBW/kg

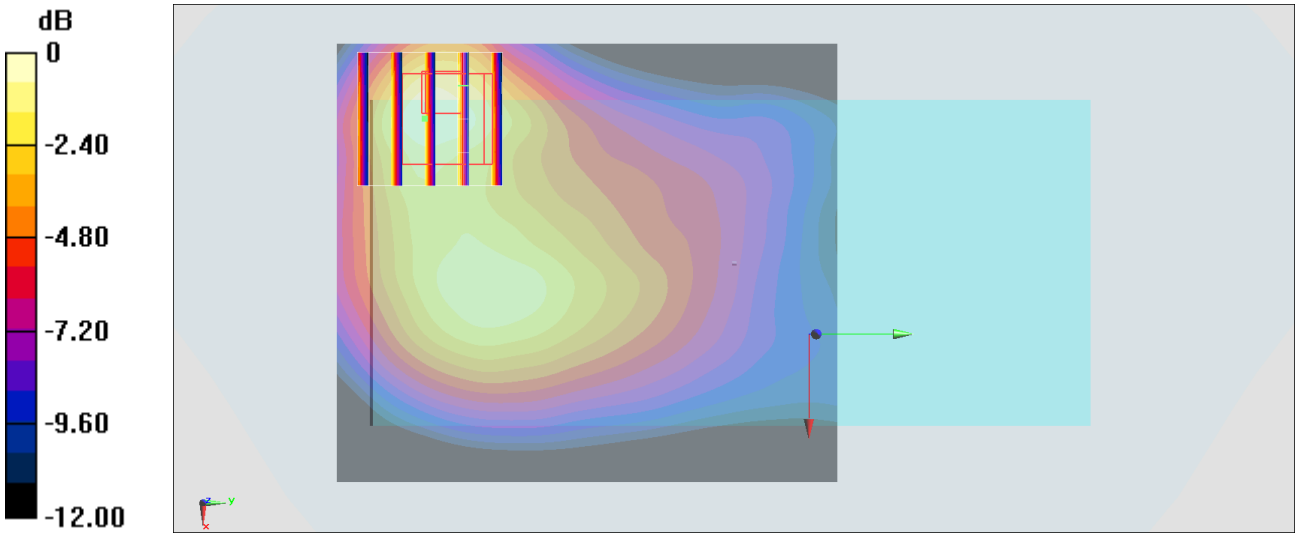
#55_FR1 n66_40M_BPSK_1_1_Back_10mm_Ch349000

Communication System: LTE ; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750_200731 Medium parameters used: f = 1745 MHz; σ = 1.343 S/m; ε_r = 40.871; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1745 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.479 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.39 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.634 W/kg
SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.139 W/kg
Maximum value of SAR (measured) = 0.463 W/kg



0 dB = 0.479 W/kg = -3.20 dBW/kg

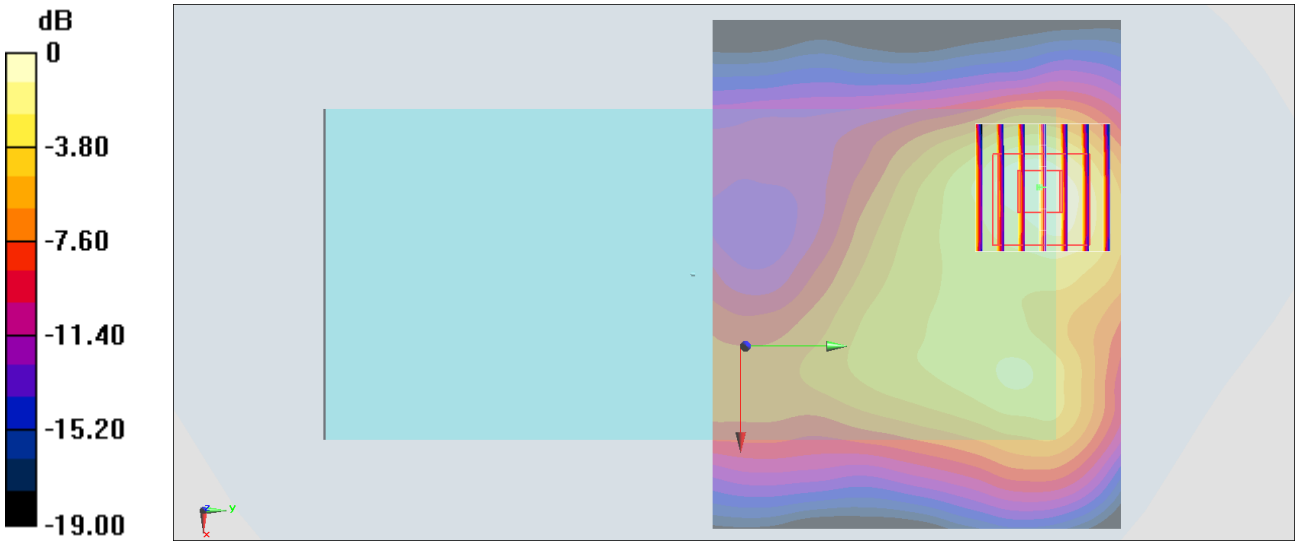
#56_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch1;Ant 8+10

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_200726 Medium parameters used: f = 2412 MHz; σ = 1.754 S/m; ε_r = 39.098; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61) @ 2412 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.382 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.04 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.489 W/kg
SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.118 W/kg
Maximum value of SAR (measured) = 0.382 W/kg



0 dB = 0.382 W/kg = -4.18 dBW/kg

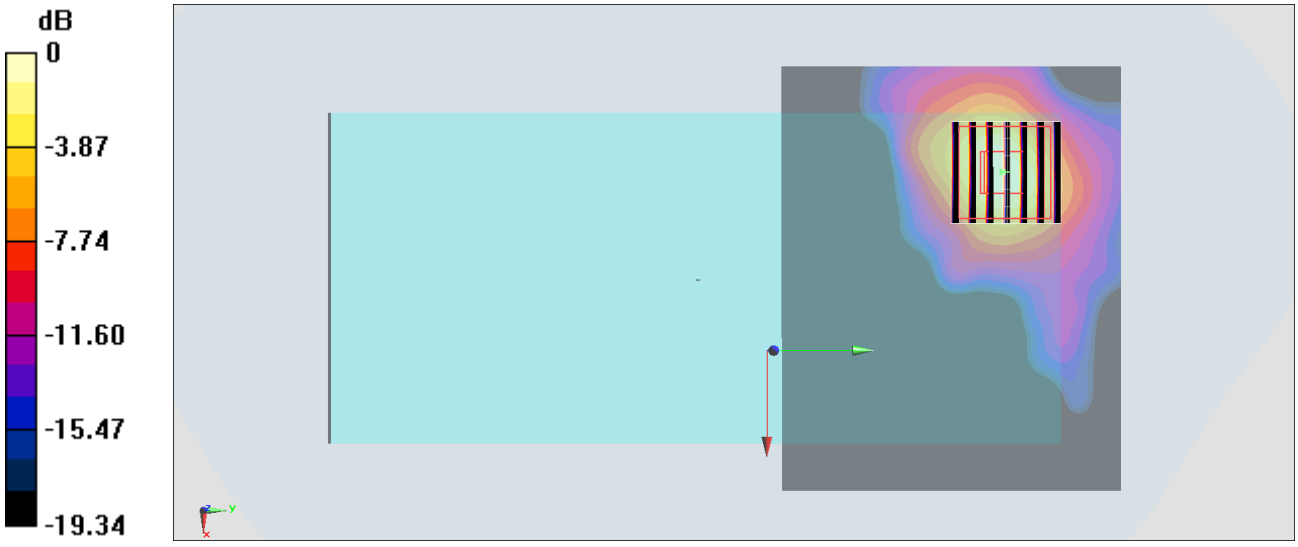
#57_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch42;Ant 10

Communication System: 802.11ac; Frequency: 5210 MHz;Duty Cycle: 1:1.074
Medium: HSL_5G_200823 Medium parameters used: f = 5210 MHz; σ = 4.49 S/m; ε_r = 36.849; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5210 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2020/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- 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) = 0.577 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.904 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.078 W/kg
Maximum value of SAR (measured) = 0.638 W/kg



0 dB = 0.577 W/kg = -2.39 dBW/kg

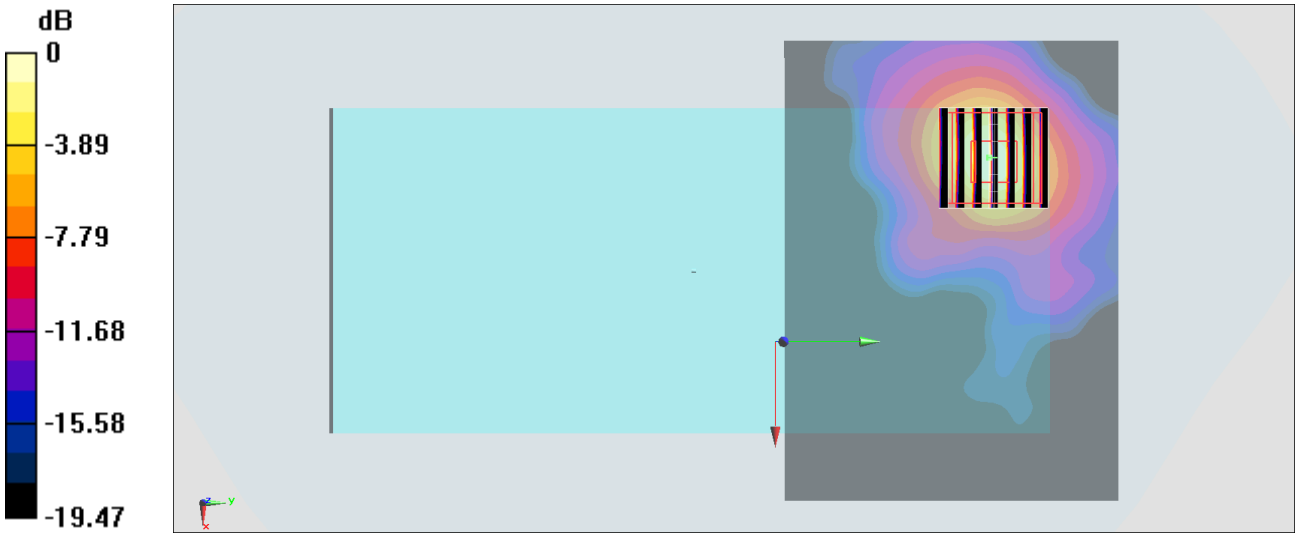
#58_WLAN5GHz_802.11a 6Mbp_Back_10mm_Ch56;Ant 10

Communication System: 802.11a; Frequency: 5280 MHz;Duty Cycle: 1:1.018
Medium: HSL_5G_200725 Medium parameters used: f = 5280 MHz; σ = 4.525 S/m; ε_r = 35.596; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5280 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (111x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.39 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 21.69 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.88 W/kg
SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.296 W/kg
Maximum value of SAR (measured) = 2.40 W/kg



0 dB = 2.39 W/kg = 3.78 dBW/kg

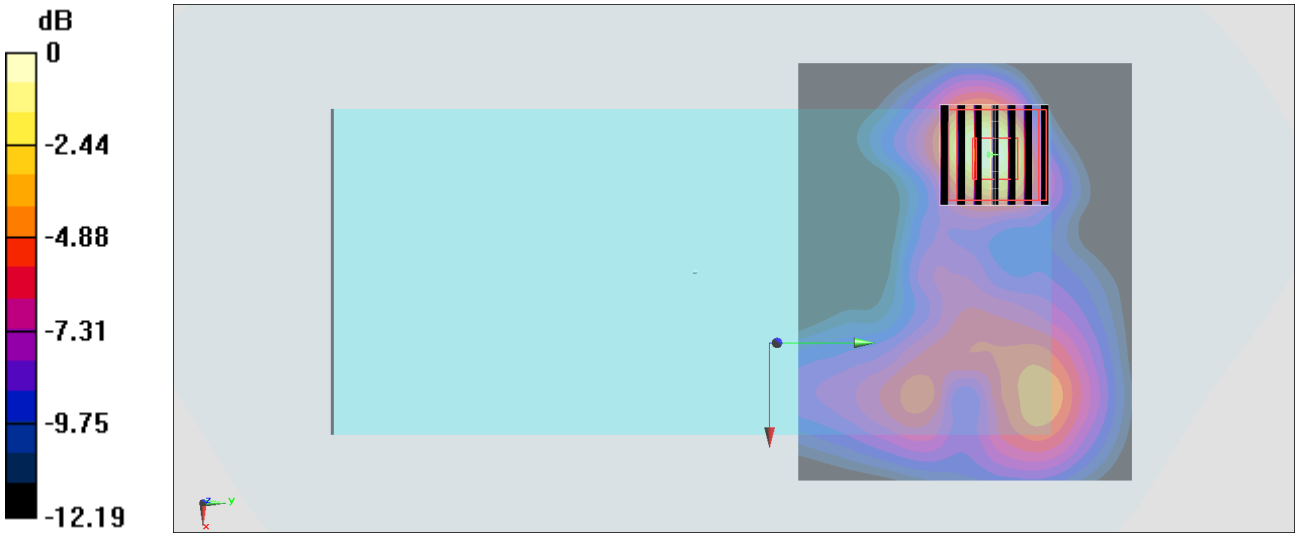
#59_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch100;Ant 9+10

Communication System: 802.11a; Frequency: 5500 MHz;Duty Cycle: 1:1.018
Medium: HSL_5G_200728 Medium parameters used: f = 5500 MHz; σ = 4.864 S/m; ε_r = 37.061; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.49, 4.49, 4.49) @ 5500 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- 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) = 2.36 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 15.88 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.61 W/kg
SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.201 W/kg
Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 2.36 W/kg = 3.73 dBW/kg

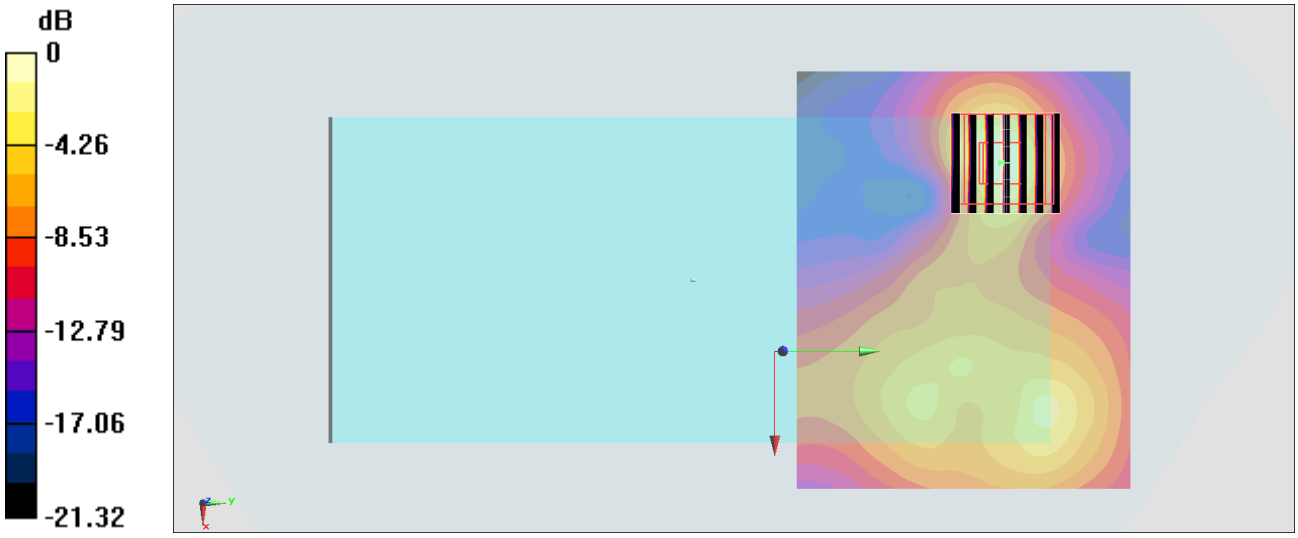
#60_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch165;Ant 9+10

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1.018
Medium: HSL_5G_200728 Medium parameters used: f = 5825 MHz; σ = 5.226 S/m; ε_r = 36.639; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.75, 4.75, 4.75) @ 5825 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- 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) = 1.99 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.01 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 3.44 W/kg
SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.223 W/kg
Maximum value of SAR (measured) = 2.03 W/kg



0 dB = 1.99 W/kg = 2.99 dBW/kg

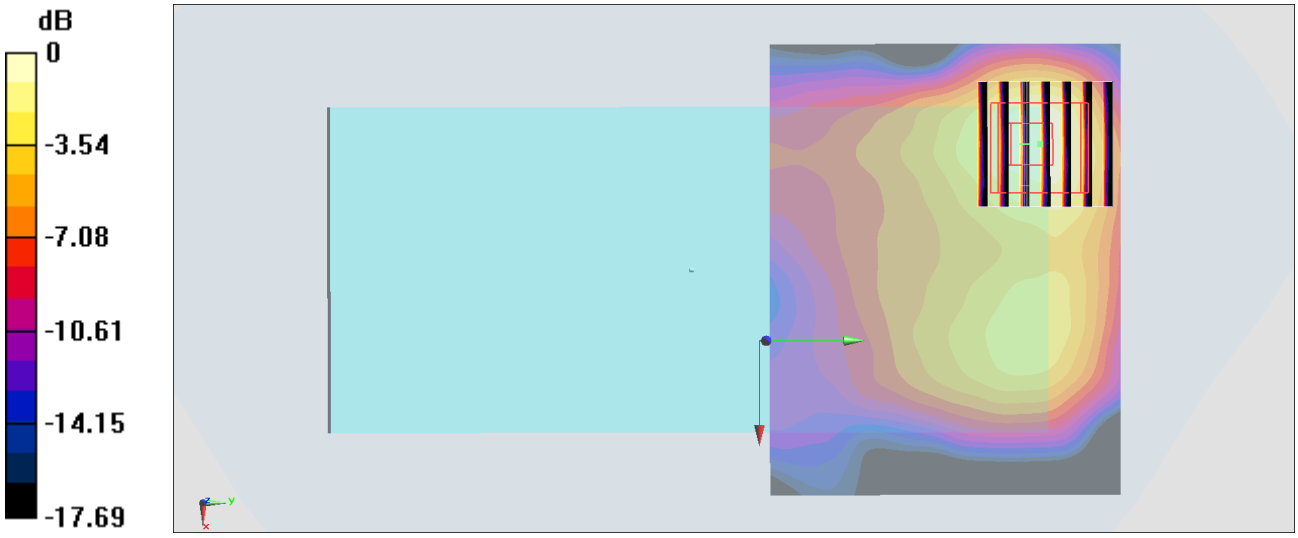
#61_Bluetooth_1Mbps_Front_10mm_Ch39;Ant 8

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1.303
Medium: HSL_2450_200726 Medium parameters used: f = 2441 MHz; σ = 1.799 S/m; ε_r = 38.899; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61) @ 2441 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (91x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0839 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.298 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.129 W/kg
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.022 W/kg
Maximum value of SAR (measured) = 0.0957 W/kg



0 dB = 0.0839 W/kg = -10.76 dBW/kg

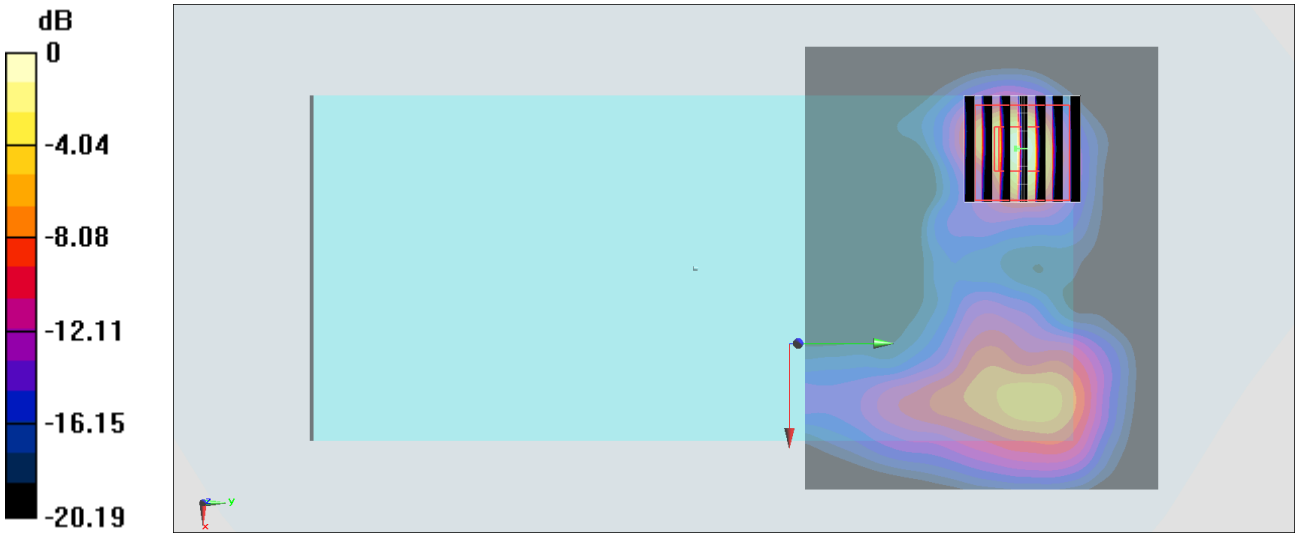
#62_WLAN5GHz_802.11a 6Mbps_Back_0mm_Ch52;Ant 9+10

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1.018
Medium: HSL_5G_200728 Medium parameters used: f = 5260 MHz; σ = 4.627 S/m; ε_r = 37.4; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(5.08, 5.08, 5.08) @ 5260 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- 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) = 24.3 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 48.76 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 58.8 W/kg
SAR(1 g) = 9.85 W/kg; SAR(10 g) = 1.97 W/kg
Maximum value of SAR (measured) = 32.1 W/kg



0 dB = 24.3 W/kg = 13.86 dBW/kg

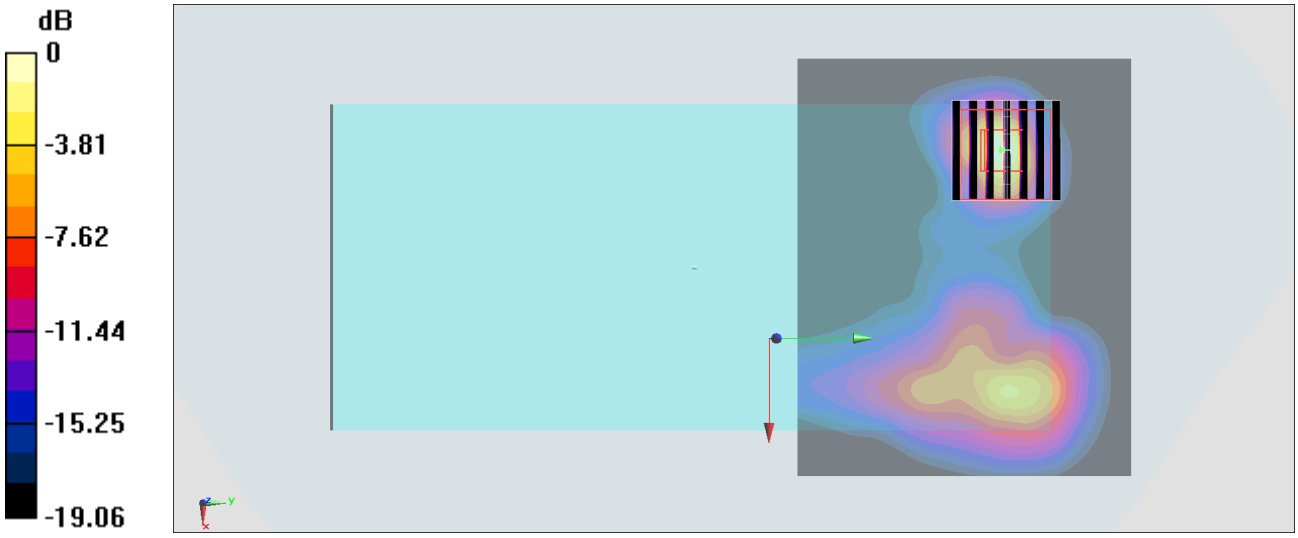
#63_WLAN5GHz_802.11a 6Mbps_Back_0mm_Ch100;Ant 9+10

Communication System: 802.11a; Frequency: 5500 MHz;Duty Cycle: 1:1.018
Medium: HSL_5G_200728 Medium parameters used: f = 5500 MHz; σ = 4.864 S/m; ε_r = 37.061; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.49, 4.49, 4.49) @ 5500 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- 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) = 20.0 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 41.07 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 42.2 W/kg
SAR(1 g) = 6.93 W/kg; SAR(10 g) = 1.37 W/kg
Maximum value of SAR (measured) = 22.8 W/kg



0 dB = 20.0 W/kg = 13.01 dBW/kg