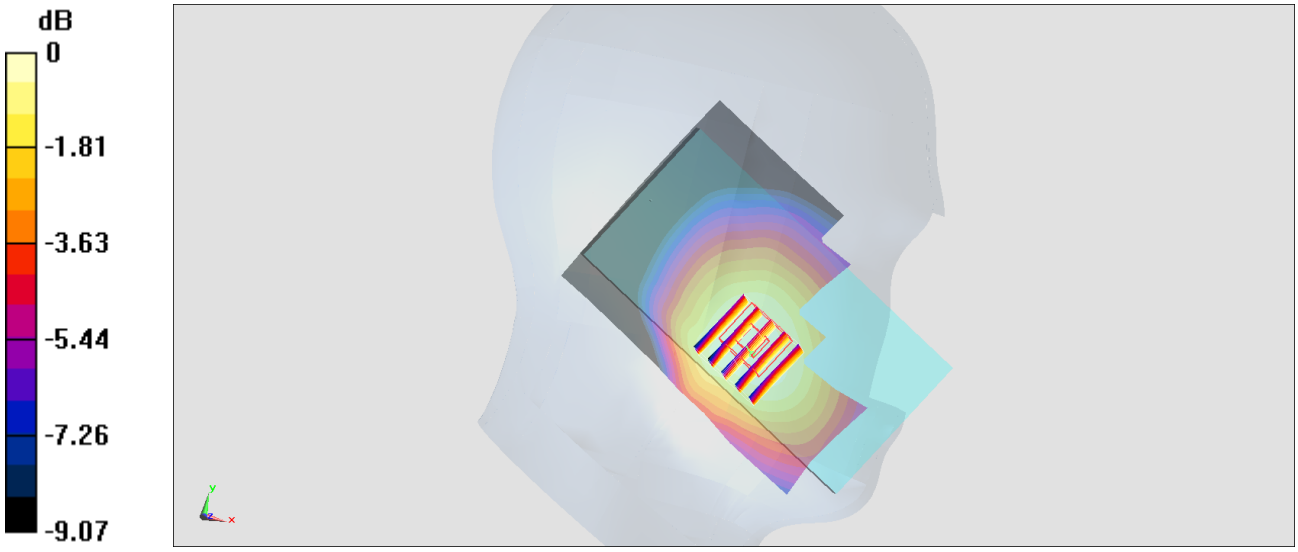
#01_GSM850_GPRS (3 Tx slots)_Left Cheek_Ch251

Communication System: GSM850 ; Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium: HSL_850_180920 Medium parameters used: f = 849 MHz; σ = 0.902 S/m; ε_r = 42.042; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.19, 9.19, 9.19) @ 848.8 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.157 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.83 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.167 W/kg
SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 0.151 W/kg



0 dB = 0.151 W/kg = -8.21 dBW/kg

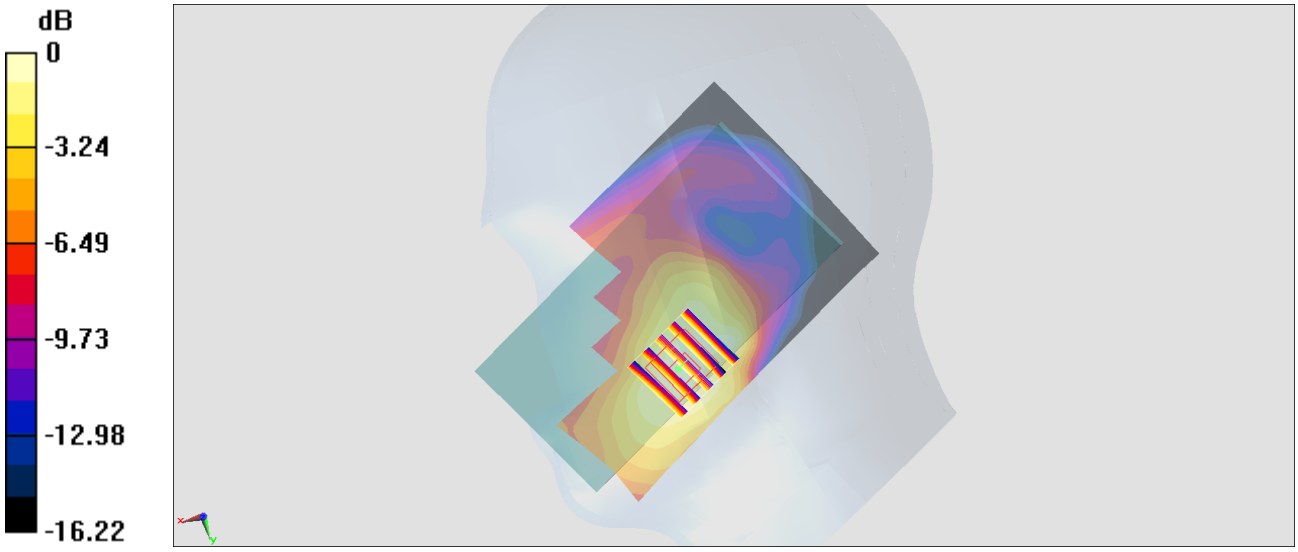
#02_GSM1900_GPRS (3 Tx slots)_Right Cheek_Ch810

Communication System: PCS ; Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: HSL_1900_180920 Medium parameters used: f = 1910 MHz; σ = 1.44 S/m; ε_r = 39.555; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306;ConvF(8.26, 8.26, 8.26) @ 1909.8 MHz;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.105 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.882 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.053 W/kg
Maximum value of SAR (measured) = 0.115 W/kg



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

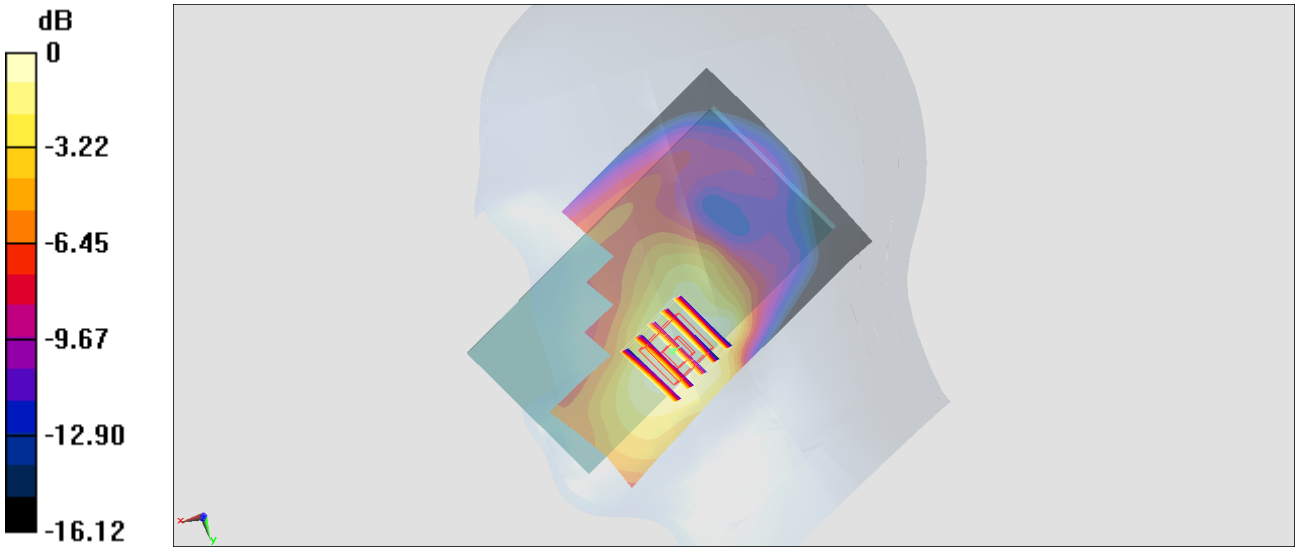
#03_WCDMA II_RMC 12.2Kbps_Right Cheek_Ch9538

Communication System: WCDMA ; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180920 Medium parameters used: f = 1908 MHz; σ = 1.439 S/m; ε_r = 39.563; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306;ConvF(8.26, 8.26, 8.26) @ 1907.6 MHz;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.259 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.61 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.325 W/kg
SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 0.268 W/kg



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

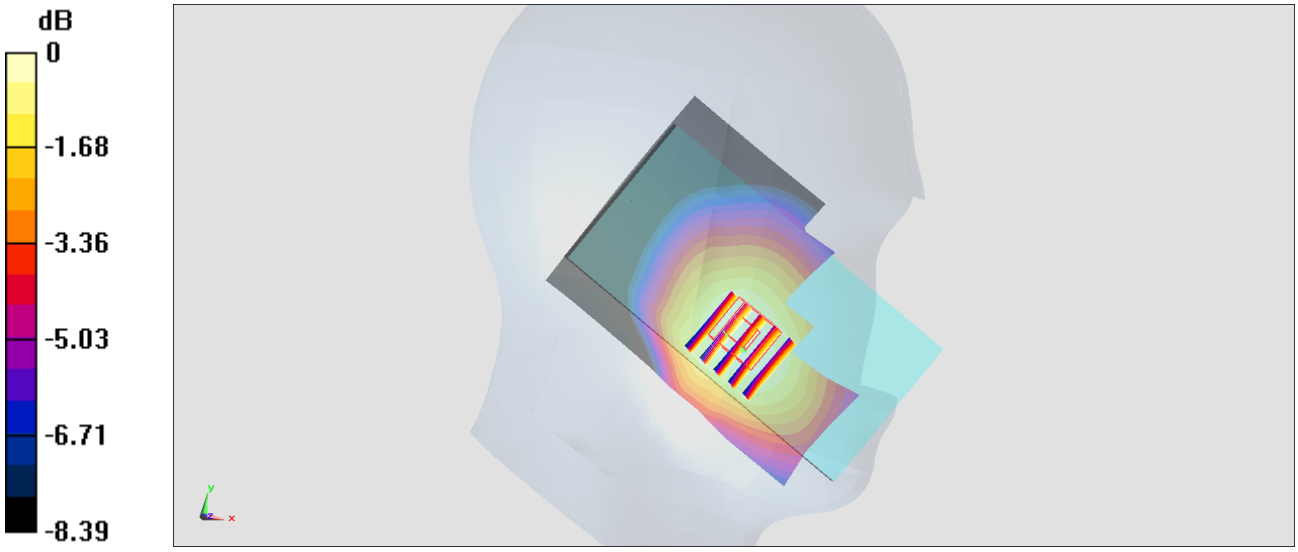
#04_WCDMA V_RMC 12.2Kbps_Left Cheek_Ch4182

Communication System: WCDMA ; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_180920 Medium parameters used : f = 836.4 MHz; σ = 0.89 S/m; ε_r = 42.22; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.19, 9.19, 9.19) @ 836.4 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.255 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.06 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.281 W/kg
SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.172 W/kg
Maximum value of SAR (measured) = 0.258 W/kg



0 dB = 0.258 W/kg = -5.88 dBW/kg

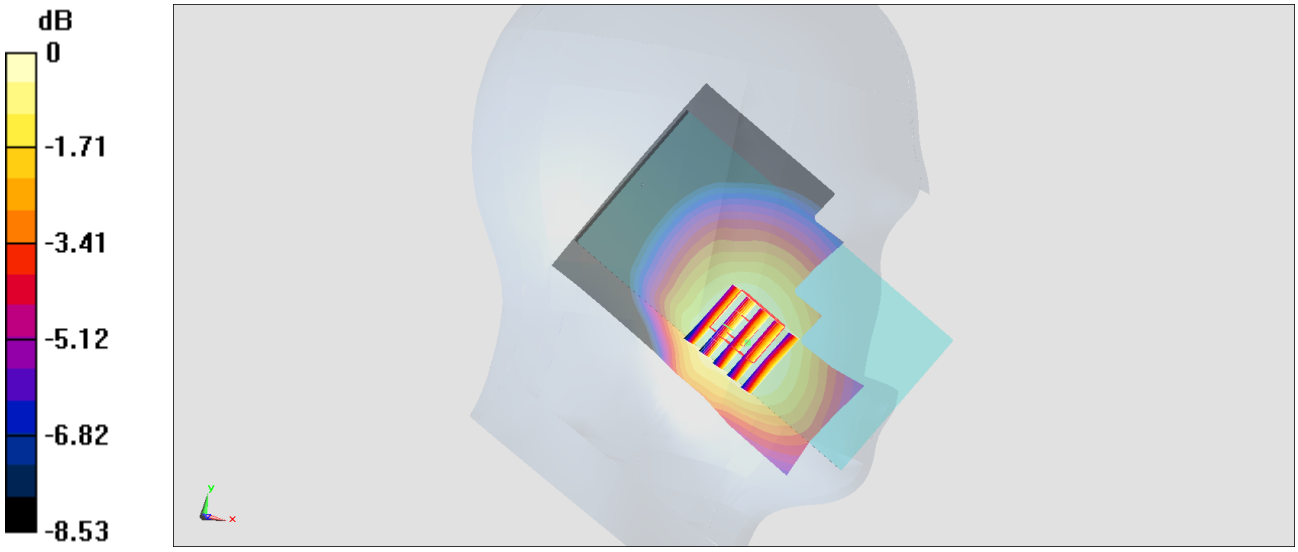
#05_CDMA2000 BC0_RC3 SO55_Left Cheek_Ch777

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_850_180920 Medium parameters used : f = 848.31 MHz; σ = 0.901 S/m; ε_r = 42.054; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.19, 9.19, 9.19) @ 848.31 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.357 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.00 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.388 W/kg
SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.233 W/kg
Maximum value of SAR (measured) = 0.358 W/kg



0 dB = 0.358 W/kg = -4.46 dBW/kg

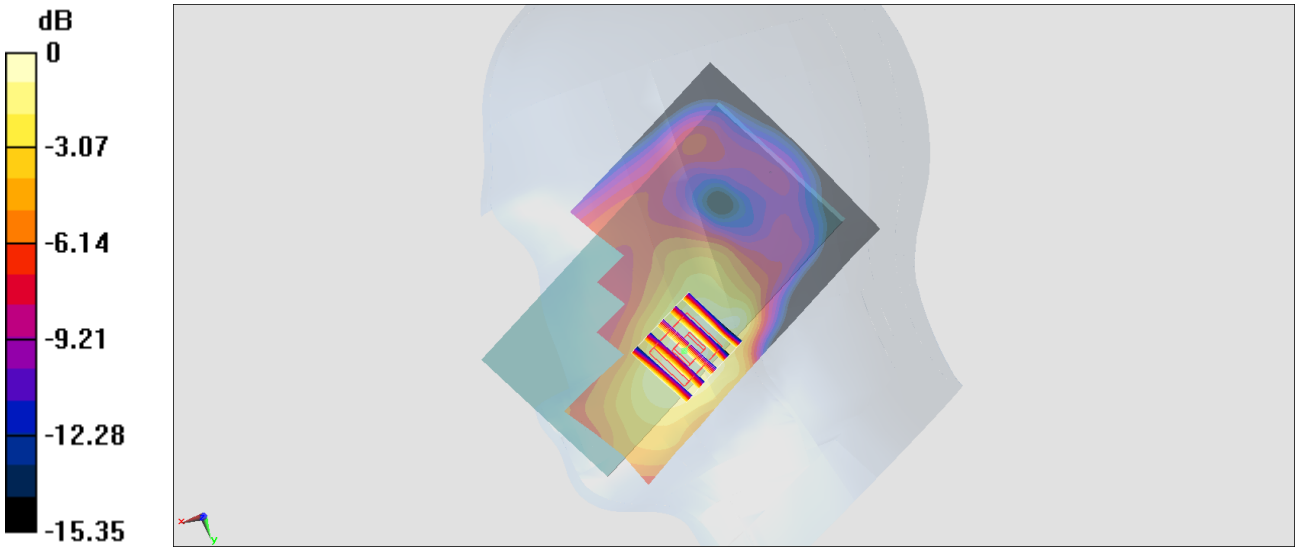
#06_CDMA2000 BC1_RC3 SO55_Right Cheek_Ch1175

Communication System: CDMA; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180920 Medium parameters used: f = 1909 MHz; σ = 1.44 S/m; ε_r = 39.556; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306;ConvF(8.26, 8.26, 8.26) @ 1908.75 MHz;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.203 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.80 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.256 W/kg
SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.102 W/kg
Maximum value of SAR (measured) = 0.217 W/kg



0 dB = 0.217 W/kg = -6.64 dBW/kg

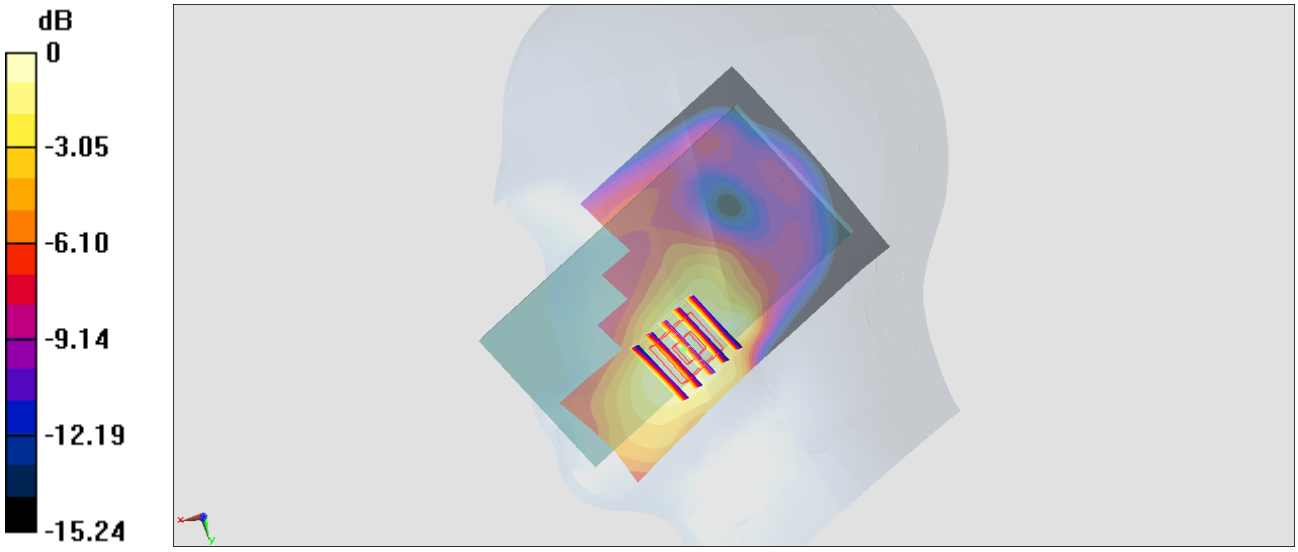
#07_LTE Band 2_20M_QPSK_1_0_Right Cheek_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180920 Medium parameters used: f = 1900 MHz; σ = 1.431 S/m; ε_r = 39.593; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306;ConvF(8.26, 8.26, 8.26) @ 1900 MHz;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.226 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.35 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.286 W/kg
SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.114 W/kg
Maximum value of SAR (measured) = 0.242 W/kg



0 dB = 0.242 W/kg = -6.16 dBW/kg

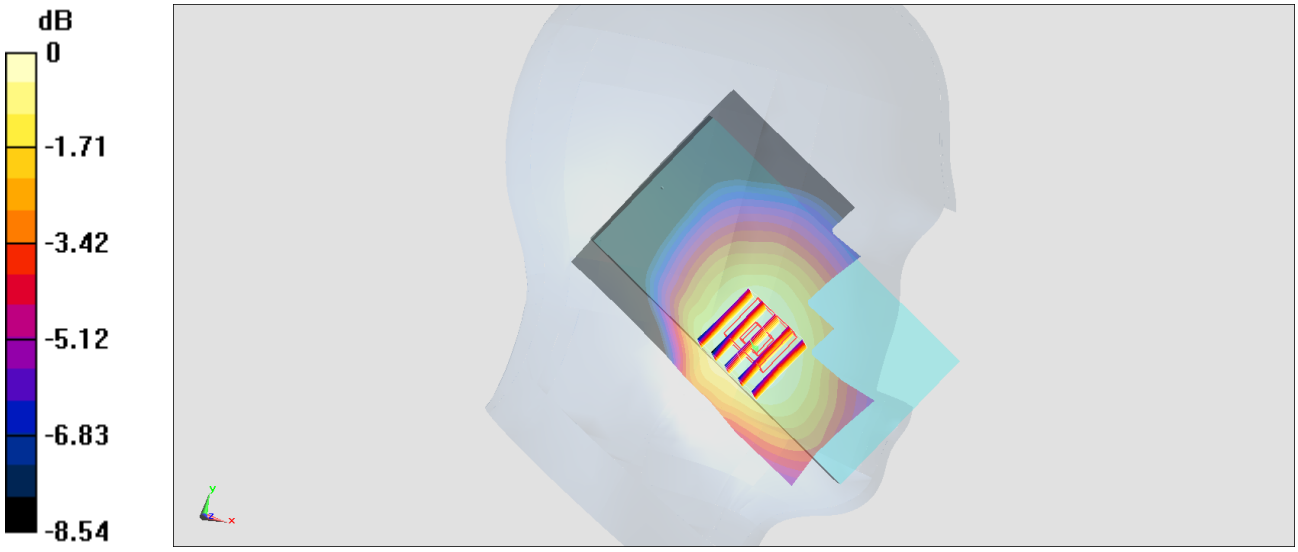
#08_LTE Band 5_10M_QPSK_1_25__Left Cheek_Ch20525

Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_180920 Medium parameters used : f = 836.5 MHz; σ = 0.89 S/m; ε_r = 42.218; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.19, 9.19, 9.19) @ 836.5 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.288 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.01 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.307 W/kg
SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.281 W/kg = -5.51 dBW/kg

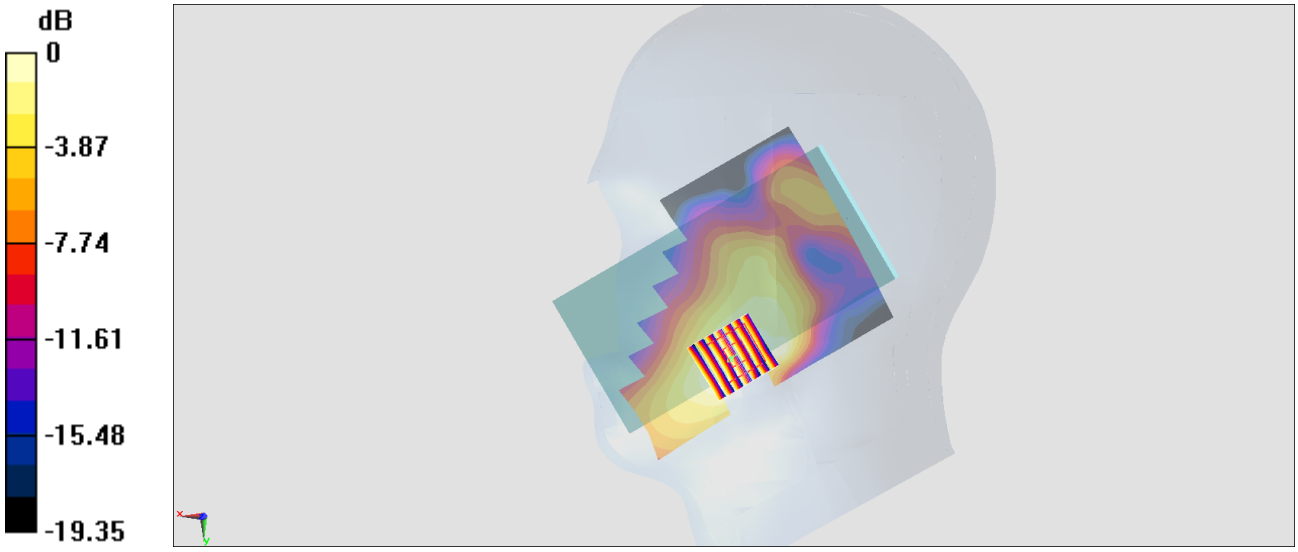
#09_LTE Band 7_20M_QPSK_1_0_Right Cheek_Ch20850

Communication System: LTE ; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180921 Medium parameters used: f = 2510 MHz; σ = 1.916 S/m; ε_r = 39.955; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306;ConvF(7.26, 7.26, 7.26) @ 2510 MHz;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (91x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.678 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.75 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.728 W/kg
SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.264 W/kg
Maximum value of SAR (measured) = 0.623 W/kg



0 dB = 0.623 W/kg = -3.46 dBW/kg

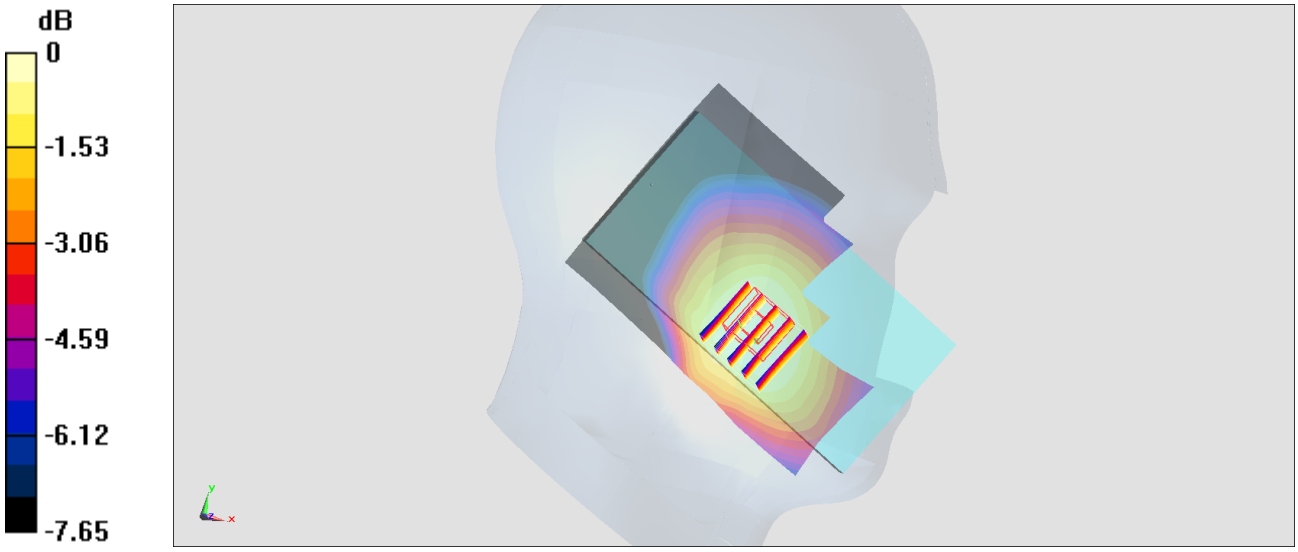
#10_LTE Band 13_10M_QPSK_1_0_Left Cheek_Ch23230

Communication System: LTE ; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_180920 Medium parameters used: f = 782 MHz; σ = 0.924 S/m; ε_r = 42.908; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.49, 9.49, 9.49) @ 782 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.231 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.04 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.246 W/kg
SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.160 W/kg
Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg = -6.42 dBW/kg

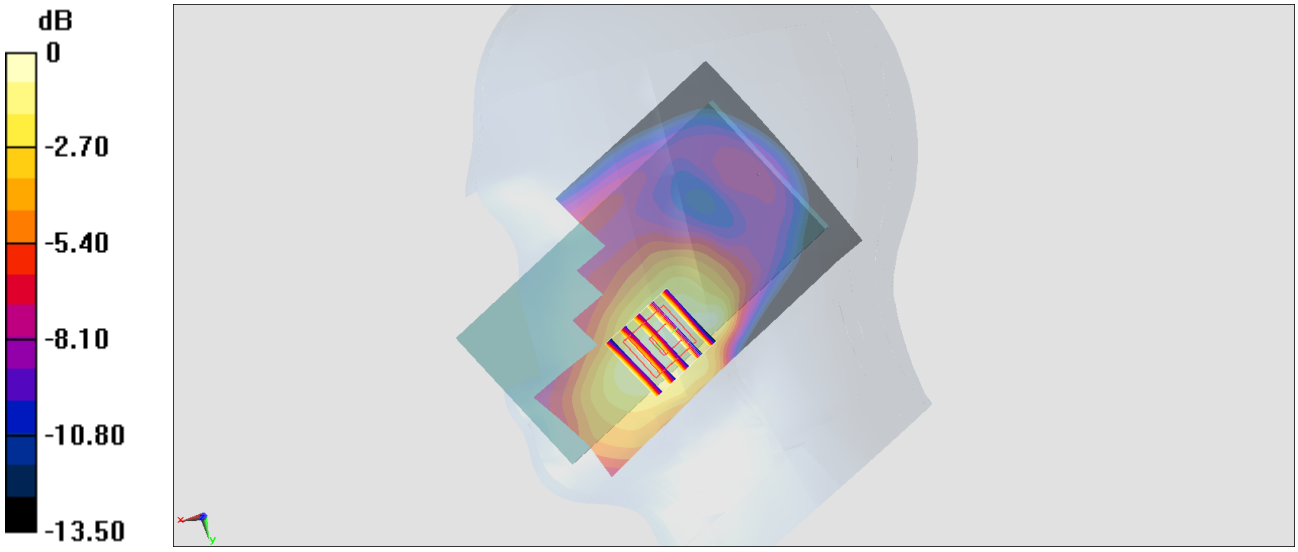
#11_LTE Band 66_20M_QPSK_1_0_Right Cheek_Ch132572

Communication System: LTE; Frequency: 1770 MHz;Duty Cycle: 1:1
Medium: HSL_1750_180920 Medium parameters used: f = 1770 MHz; σ = 1.403 S/m; ε_r = 40.791; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306;ConvF(8.69, 8.69, 8.69) @ 1770 MHz;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.421 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.25 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.526 W/kg
SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.230 W/kg
Maximum value of SAR (measured) = 0.452 W/kg



0 dB = 0.452 W/kg = -3.45 dBW/kg

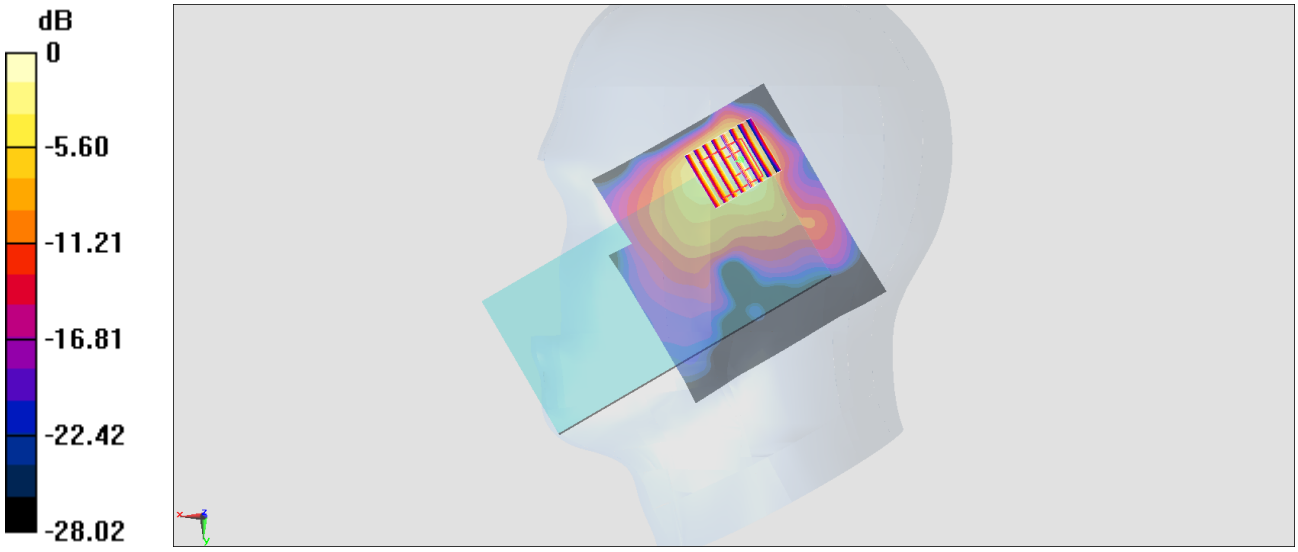
#12_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch11

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_180921 Medium parameters used: f = 2462 MHz; σ = 1.862 S/m; ε_r = 40.156; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(7.44, 7.44, 7.44) @ 2462 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (101x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.17 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.42 W/kg; SAR(10 g)= 0.264 W/kg
Maximum value of SAR (measured) = 0.916 W/kg



0 dB = 0.916 W/kg = -0.38 dBW/kg

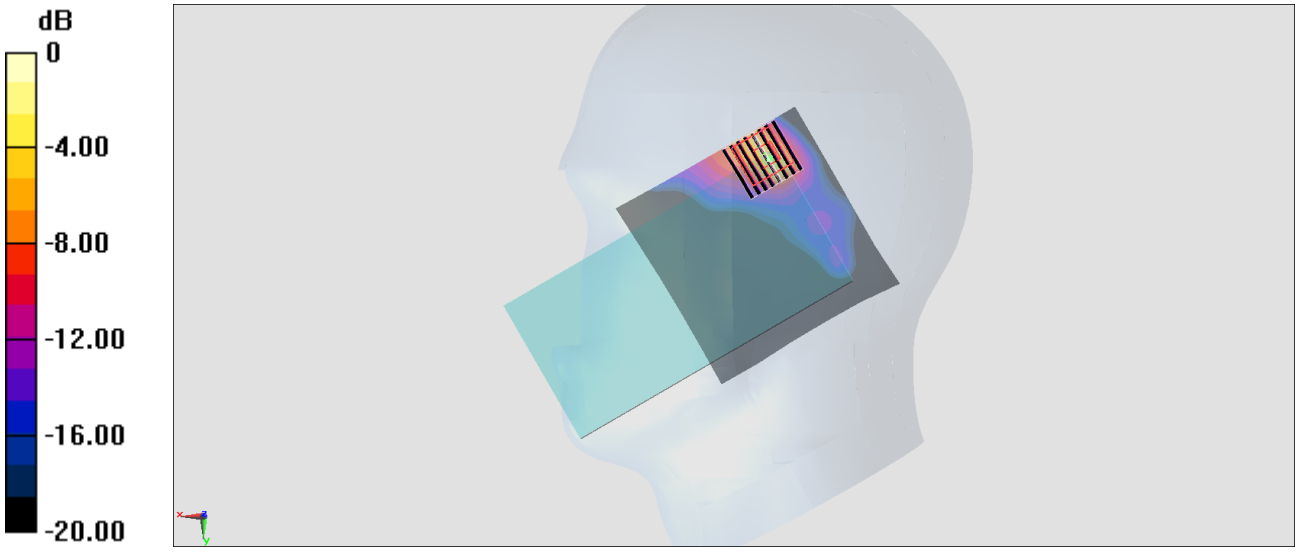
#13_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch64

Communication System: 802.11a ; Frequency: 5320 MHz;Duty Cycle: 1:1.018
Medium: HSL_5G_180921 Medium parameters used: f = 5320 MHz; σ = 4.694 S/m; ε_r = 36.887; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306;ConvF(5.38, 5.38, 5.38) @ 5320 MHz;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.33 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 4.52 W/kg
SAR(1 g) = 1 W/kg; SAR(10 g) = 0.271 W/kg
Maximum value of SAR (measured) = 2.60 W/kg



0 dB = 2.60 W/kg = 4.15 dBW/kg

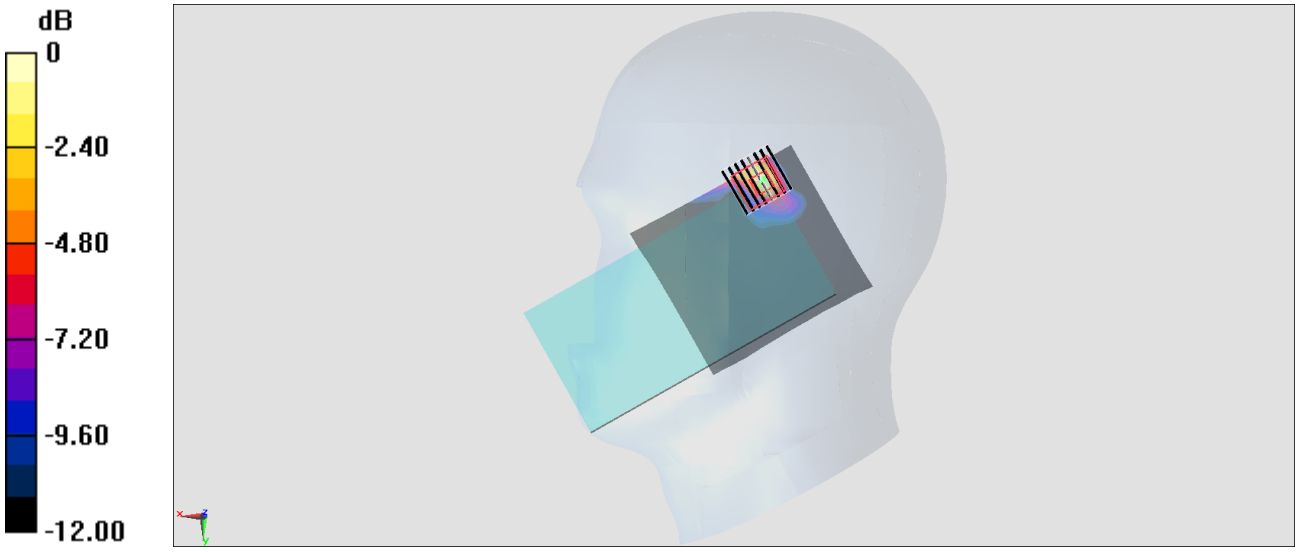
#14_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch100

Communication System: 802.11a; Frequency: 5500 MHz;Duty Cycle: 1:1.018
Medium: HSL_5G_180921 Medium parameters used: f = 5500 MHz; σ = 4.902 S/m; ε_r = 36.682; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(4.5, 4.5, 4.5) @ 5500 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (91x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.62 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.38 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 5.39 W/kg
SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.317 W/kg
Maximum value of SAR (measured) = 2.88 W/kg



0 dB = 2.88 W/kg = 4.59 dBW/kg

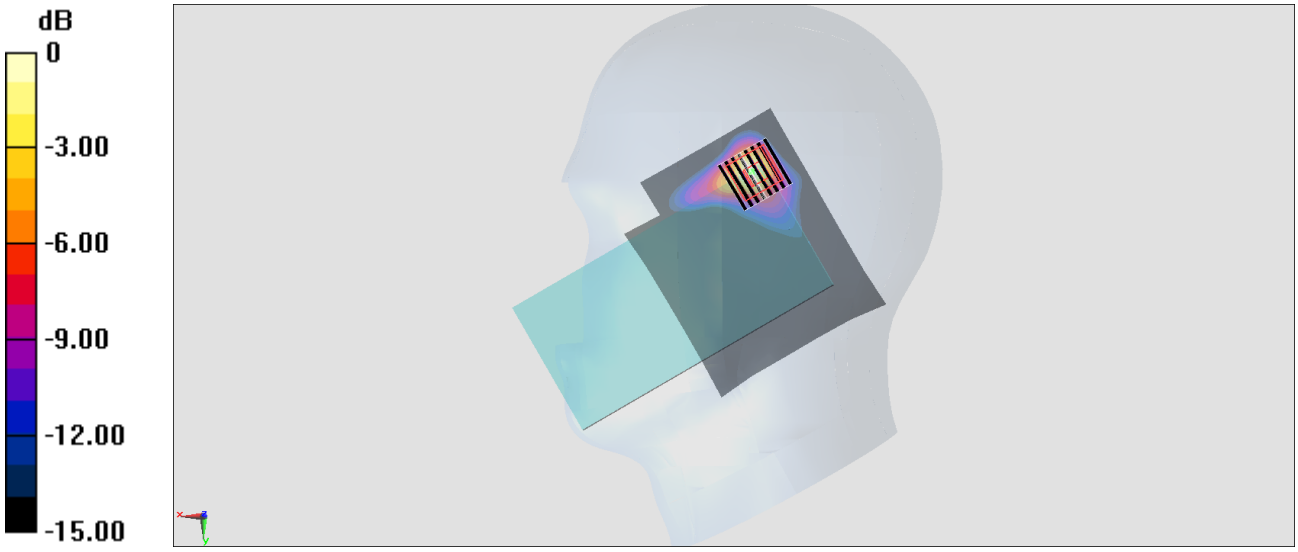
#15_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch157

Communication System: 802.11a; Frequency: 5785 MHz;Duty Cycle: 1:1.018
Medium: HSL_5G_180921 Medium parameters used : f = 5785 MHz; σ = 5.184 S/m; ε_r = 36.281; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(4.45, 4.45, 4.45) @ 5785 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (121x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.62 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.552 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 3.33 W/kg
SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.180 W/kg
Maximum value of SAR (measured) = 1.71 W/kg



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

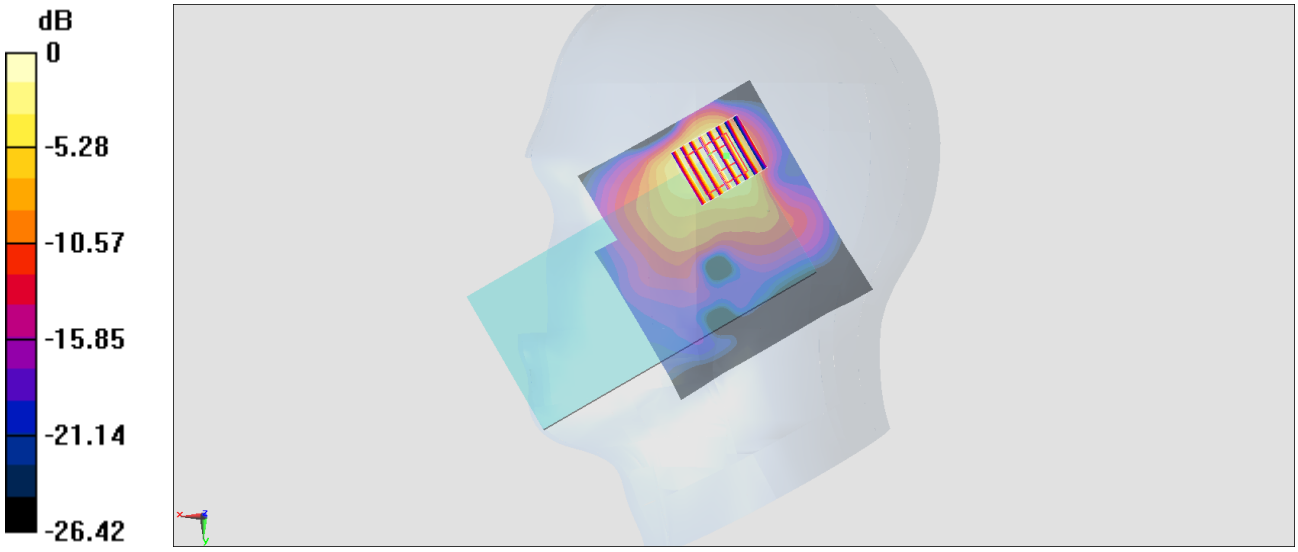
#16_Bluetooth_1Mbps_Right Cheek_Ch0

Communication System: Bluetooth ; Frequency: 2402 MHz;Duty Cycle: 1:1.2
Medium: HSL_2450_180921 Medium parameters used : f = 2402 MHz; σ = 1.794 S/m; ε_r = 40.368; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(7.44, 7.44, 7.44) @ 2402 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (101x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.879 W/kg

Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.60 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.125 W/kg
Maximum value of SAR (measured) = 0.774 W/kg



0 dB = 0.774 W/kg = -1.11 dBW/kg

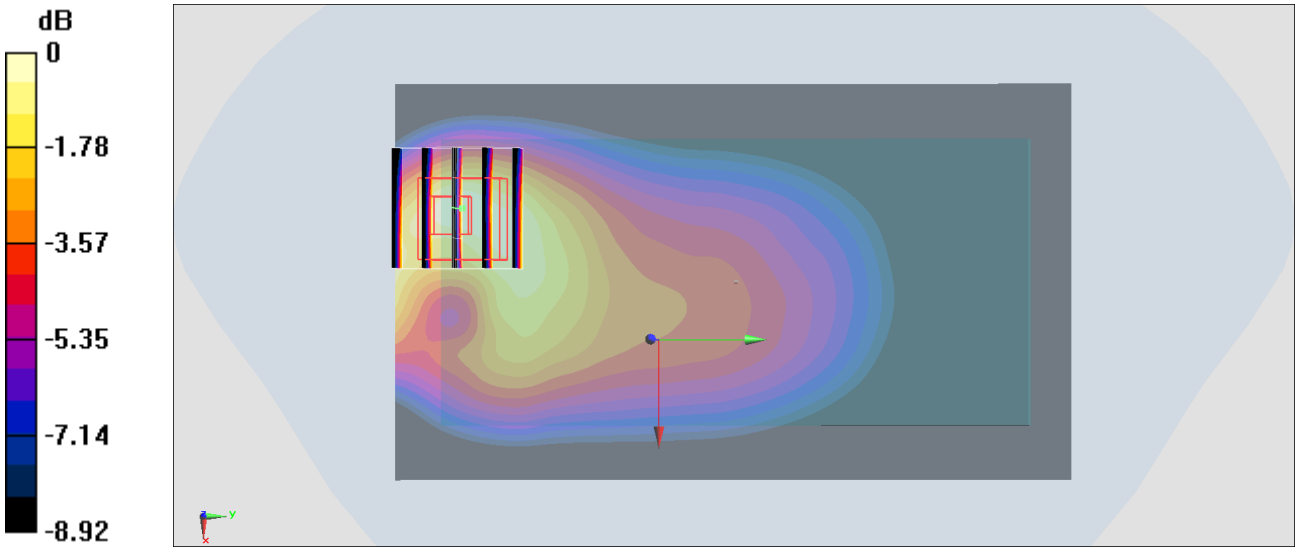
#17_GSM850_GPRS (3 Tx slots)_Back_5mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_850_180920 Medium parameters used: f = 849 MHz; σ = 1.017 S/m; ε_r = 53.434; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.41, 9.41, 9.41) @ 848.8 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.265 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.88 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.318 W/kg
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.110 W/kg
Maximum value of SAR (measured) = 0.263 W/kg



0 dB = 0.263 W/kg = -5.80 dBW/kg

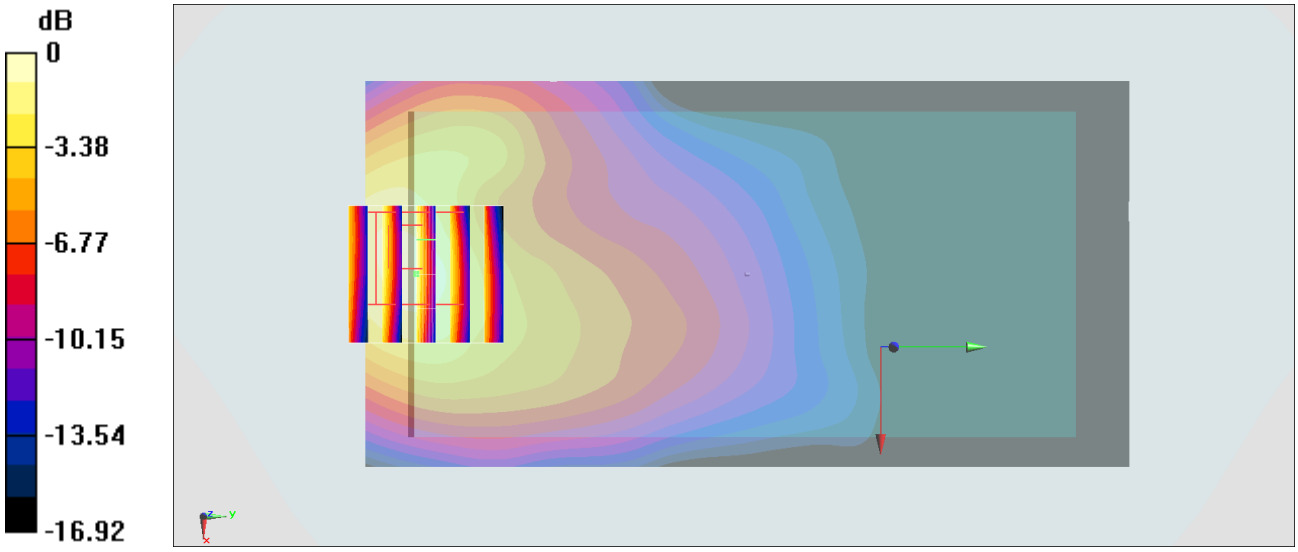
#18_GSM1900_GPRS (4 Tx slots)_Back_5mm_Ch810

Communication System: PCS ; Frequency: 1909.8 MHz;Duty Cycle: 1:2.07
Medium: MSL_1900_180921 Medium parameters used: f = 1910 MHz; σ = 1.563 S/m; ε_r = 51.609; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(8.04, 8.04, 8.04) @ 1909.8 MHz;Calibrated: 2018/2/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.130 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.049 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.170 W/kg
SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.059 W/kg
Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.144 W/kg = -8.42 dBW/kg

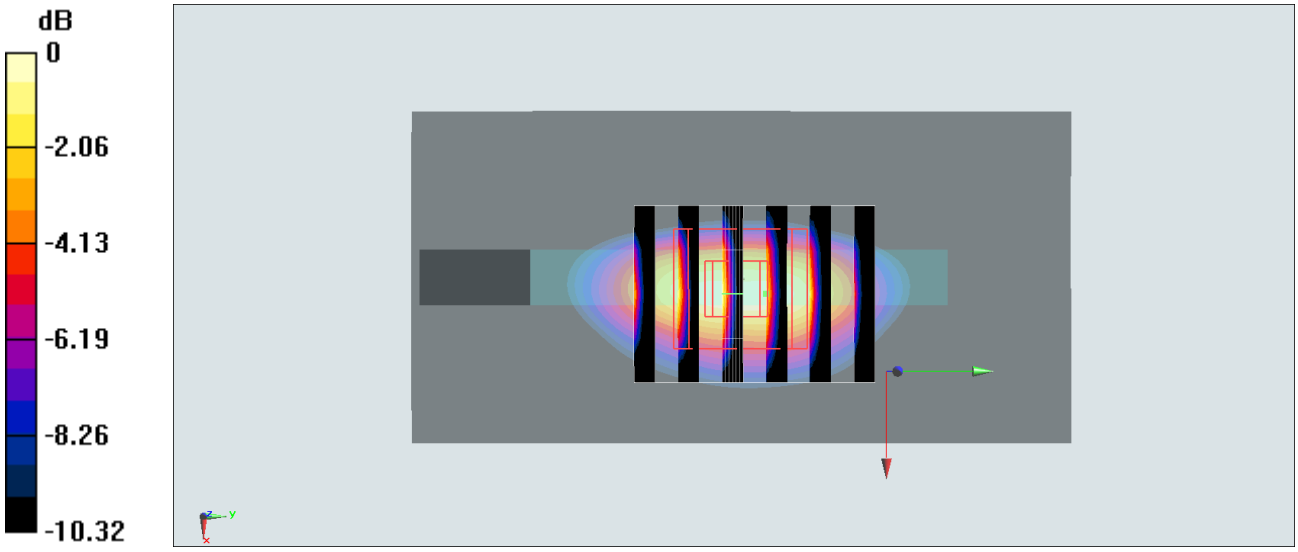
#19_WCDMA II_RMC12.2Kbps_Bottom Side_5mm_Ch9538

Communication System: WCDMA ; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180921 Medium parameters used: f = 1908 MHz; σ = 1.56 S/m; ε_r = 51.617; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(8.04, 8.04, 8.04) @ 1907.6 MHz;Calibrated: 2018/2/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.54 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.678 W/kg; SAR(10 g) = 0.363 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



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

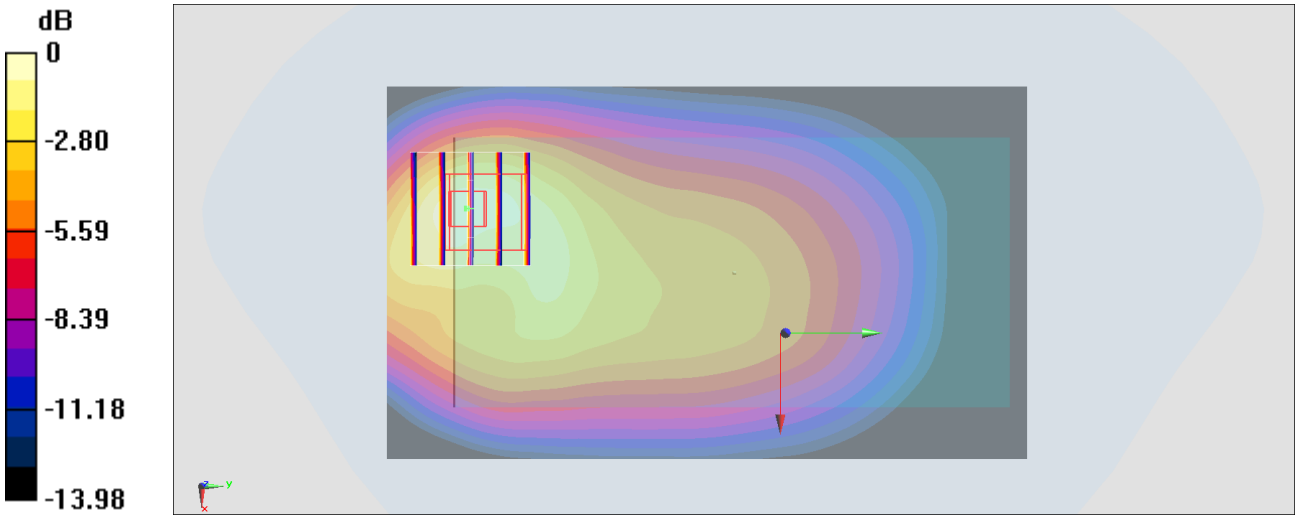
#20_WCDMA V_RMC12.2Kbps_Back_5mm_Ch4233

Communication System: WCDMA ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_180920 Medium parameters used: f = 847 MHz; σ = 1.015 S/m; ε_r = 53.452; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.41, 9.41, 9.41) @ 846.6 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.356 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.40 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.447 W/kg
SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.147 W/kg
Maximum value of SAR (measured) = 0.373 W/kg



0 dB = 0.373 W/kg = -4.28 dBW/kg

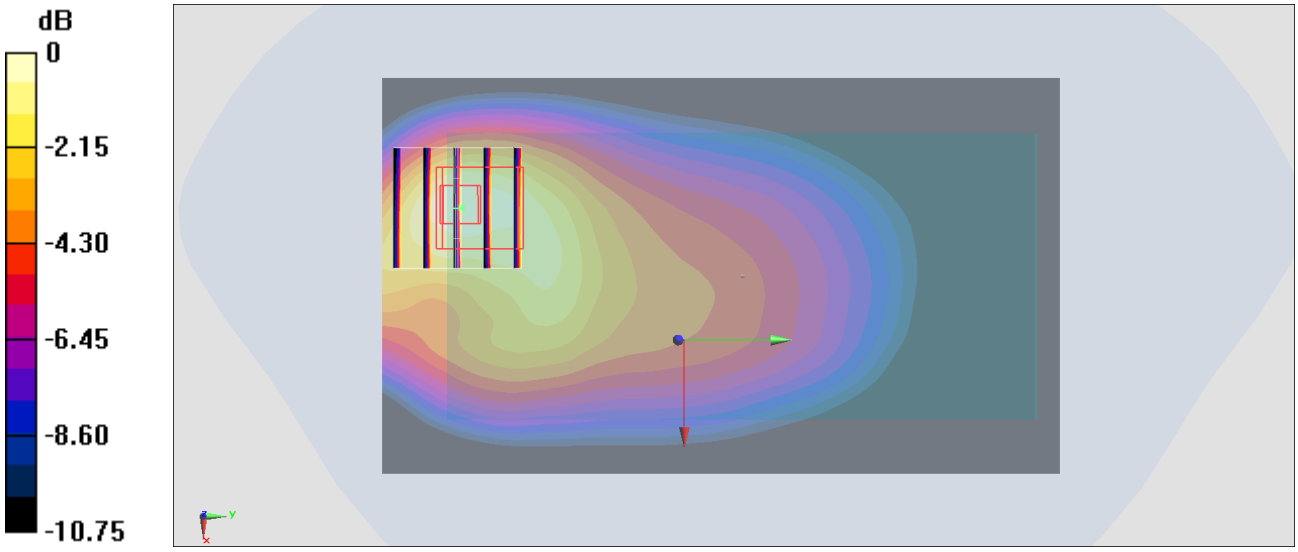
#21_CDMA BC0_RTAP153.6bps_Back_5mm_Ch777

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_850_180920 Medium parameters used : f = 848.31 MHz; σ = 1.016 S/m; ε_r = 53.442; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.41, 9.41, 9.41) @ 848.31 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.256 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.81 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.105 W/kg
Maximum value of SAR (measured) = 0.254 W/kg



0 dB = 0.254 W/kg = -5.95 dBW/kg

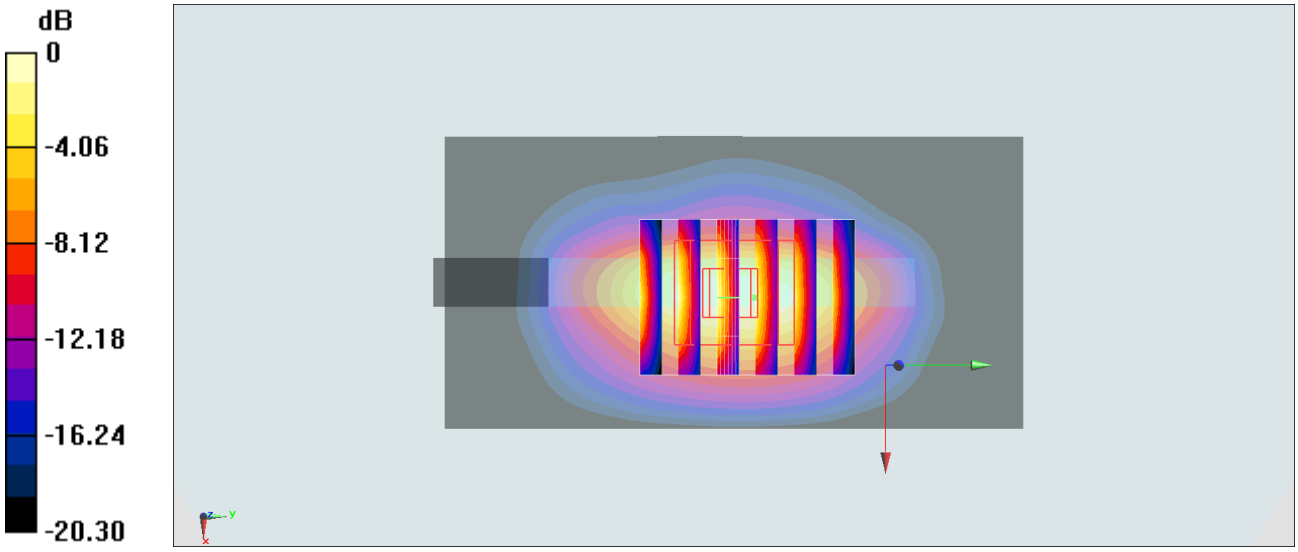
#22_CDMA2000 BC1_RTAP153.6bps_Bottom Side_5mm_Ch25

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180921 Medium parameters used : f = 1851.25 MHz; σ = 1.497 S/m; ε_r = 51.817; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(8.04, 8.04, 8.04) @ 1851.25 MHz;Calibrated: 2018/2/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.29 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.342 W/kg
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

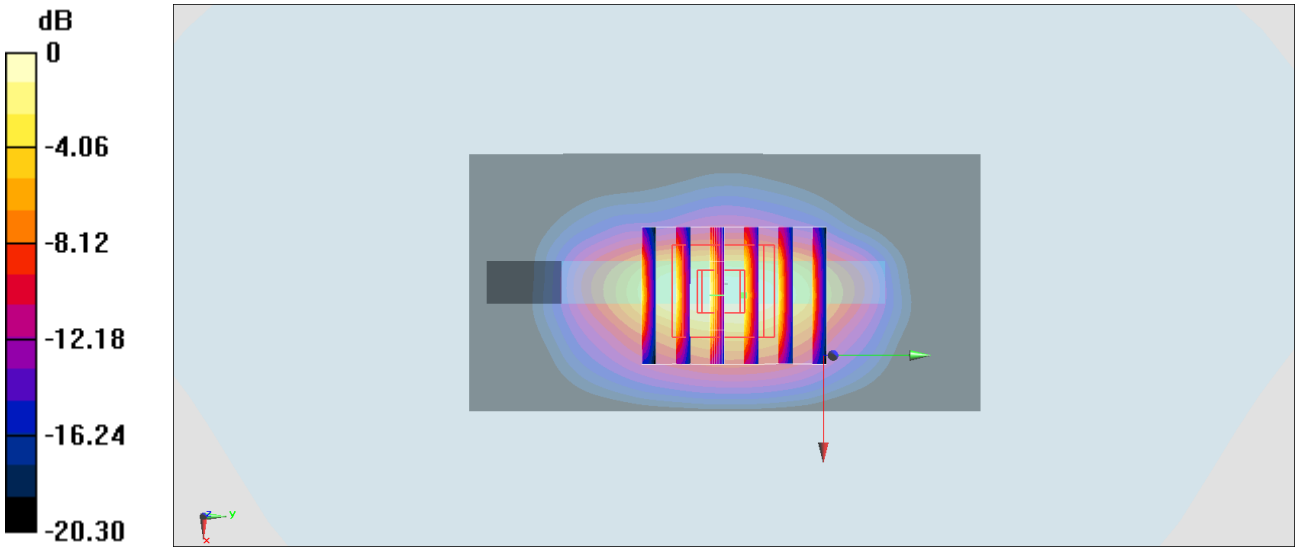
#23_LTE Band 2_20M_QPSK_1_0_Bottom Side_5mm_Ch18700

Communication System: LTE ; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180921 Medium parameters used: f = 1860 MHz; σ = 1.507 S/m; ε_r = 51.793; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(8.04, 8.04, 8.04) @ 1860 MHz;Calibrated: 2018/2/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.03 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.33 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.345 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

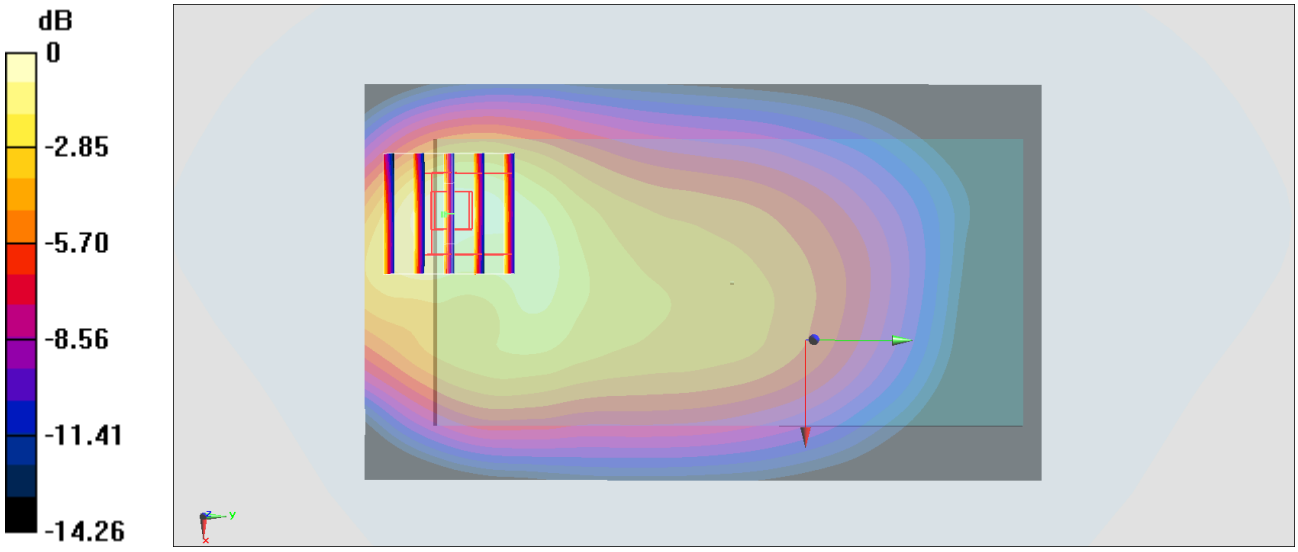
#24_LTE Band 5_10M_QPSK_1_25_Back_5mm_Ch20525

Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_180920 Medium parameters used : f = 836.5 MHz; σ = 1.004 S/m; ε_r = 53.558; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.41, 9.41, 9.41) @ 836.5 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.346 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.15 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.425 W/kg
SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.142 W/kg
Maximum value of SAR (measured) = 0.354 W/kg



0 dB = 0.354 W/kg = -4.51 dBW/kg

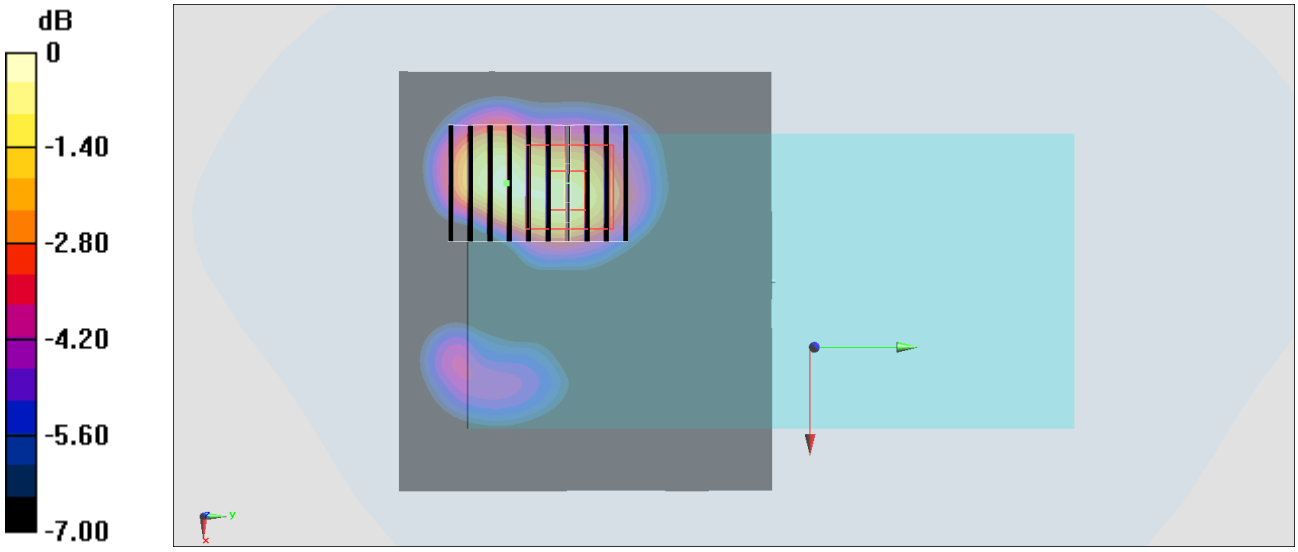
#25_LTE Band 7_20M_QPSK_50_0_Back_5mm_Ch20850

Communication System: LTE; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180921 Medium parameters used: f = 2510 MHz; σ = 2.108 S/m; ε_r = 53.339; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(7.3, 7.3, 7.3) @ 2510 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.176 W/kg

Zoom Scan (7x10x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.938 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.232 W/kg
SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.058 W/kg
Maximum value of SAR (measured) = 0.184 W/kg



0 dB = 0.184 W/kg = -7.35 dBW/kg

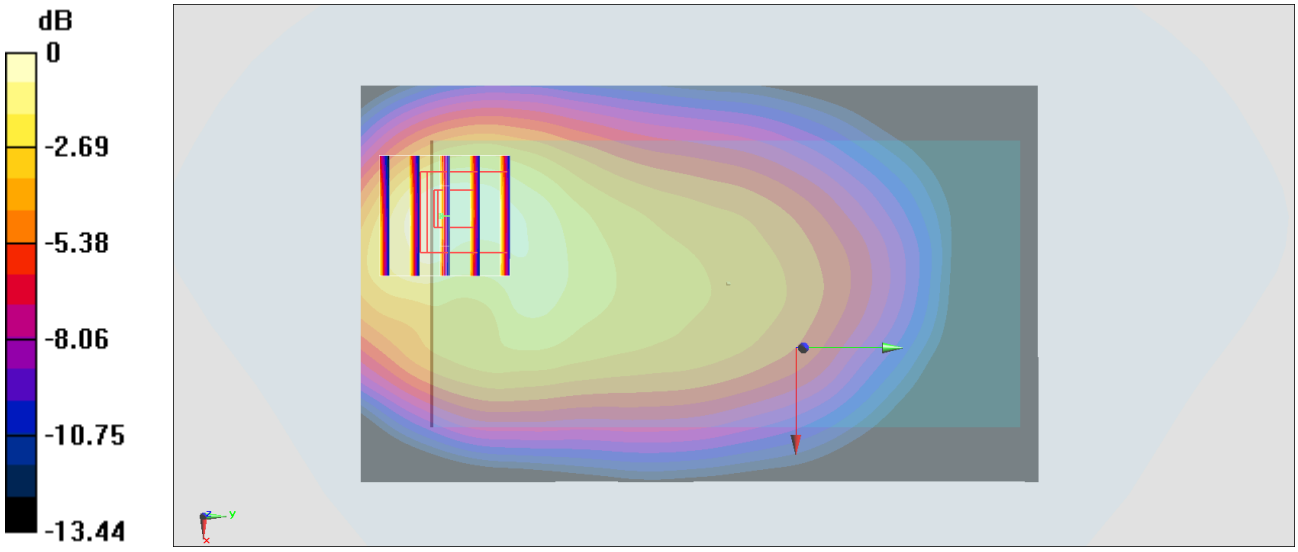
#26_LTE Band 13_10M_QPSK_1_0_Back_5mm_Ch23230

Communication System: LTE ; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_180920 Medium parameters used: f = 782 MHz; σ = 1.004 S/m; ε_r = 53.391; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.72, 9.72, 9.72) @ 782 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.277 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.47 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.329 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.117 W/kg
Maximum value of SAR (measured) = 0.274 W/kg



0 dB = 0.274 W/kg = -5.62 dBW/kg

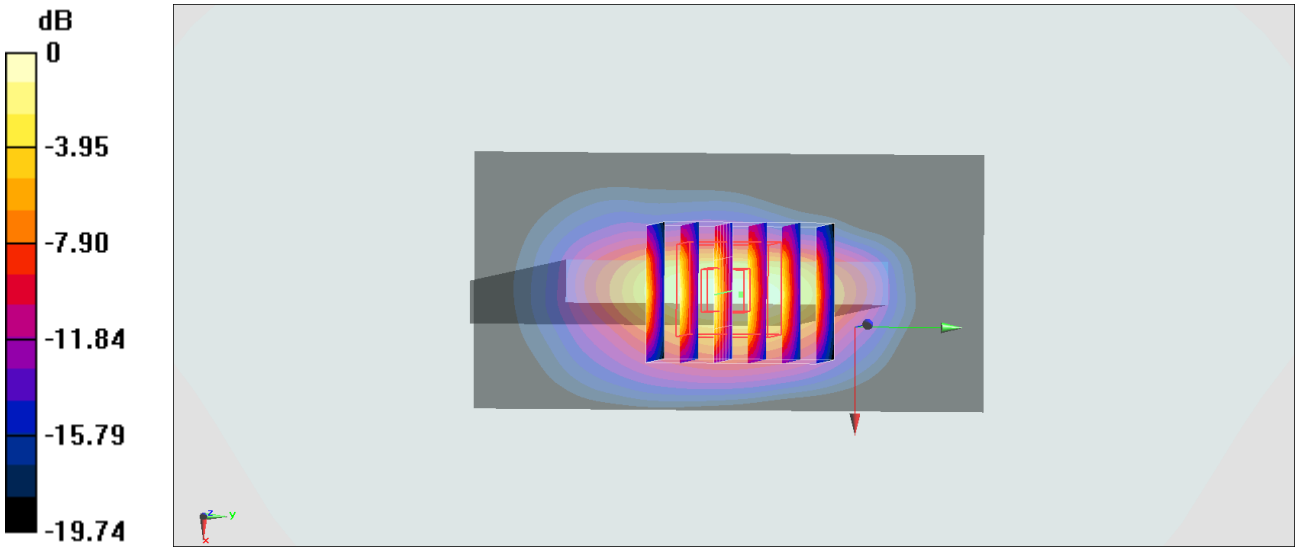
#27_LTE Band 66_20M_QPSK_50_0_Bottom Side_5mm_Ch132322

Communication System: LTE ; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: MSL_1750_180921 Medium parameters used : f = 1745 MHz; σ = 1.458 S/m; ε_r = 55.365; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(8.45, 8.45, 8.45) @ 1745 MHz;Calibrated: 2018/2/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.13 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.468 W/kg
Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg

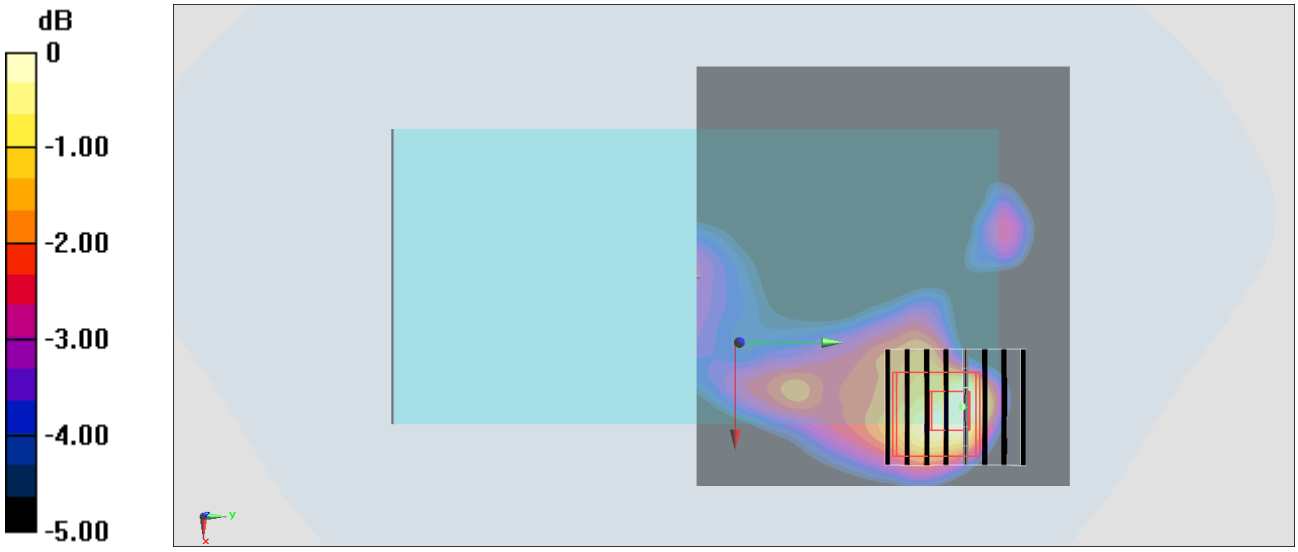
#28_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_180921 Medium parameters used: f = 2462 MHz; σ = 2.044 S/m; ε_r = 53.522; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(7.36, 7.36, 7.36) @ 2462 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0760 W/kg

Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.978 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0920 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0703 W/kg



0 dB = 0.0703 W/kg = -11.53 dBW/kg

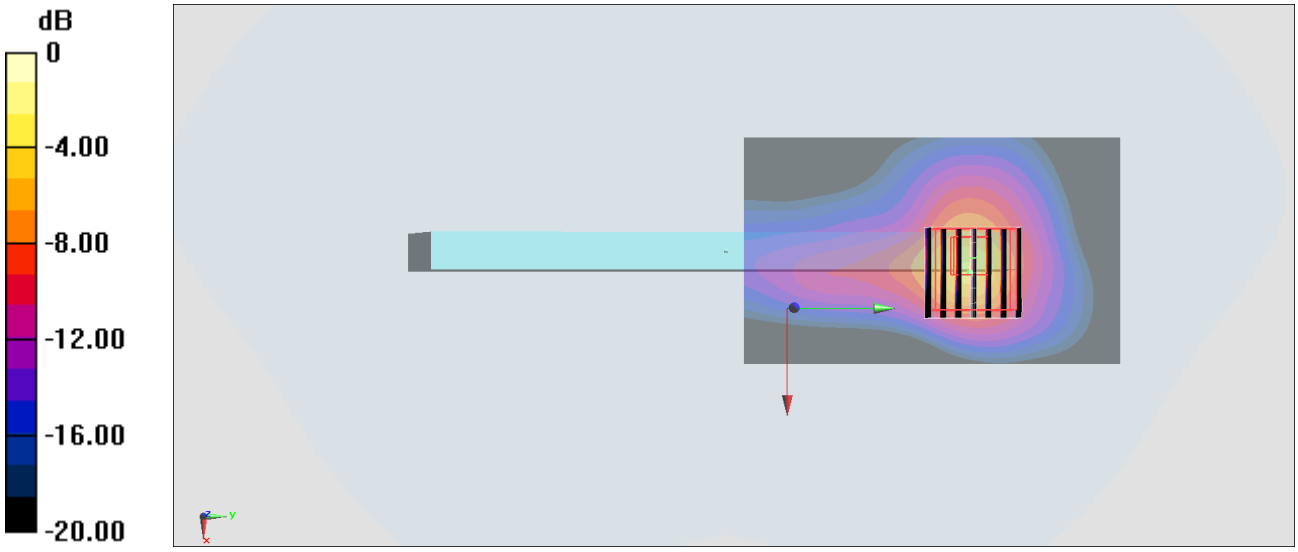
#29_WLAN5GHz_802.11a 6Mbps_Left Side_5mm_Ch40

Communication System: 802.11a ; Frequency: 5200 MHz;Duty Cycle: 1:1.018
Medium: MSL_5G_180922 Medium parameters used: f = 5200 MHz; σ = 5.2 S/m; ε_r = 47.945; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306;ConvF(4.8, 4.8, 4.8) @ 5200 MHz;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.807 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.68 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.89 W/kg
SAR(1 g) = 0.693 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 1.84 W/kg



0 dB = 1.84 W/kg = 2.65 dBW/kg

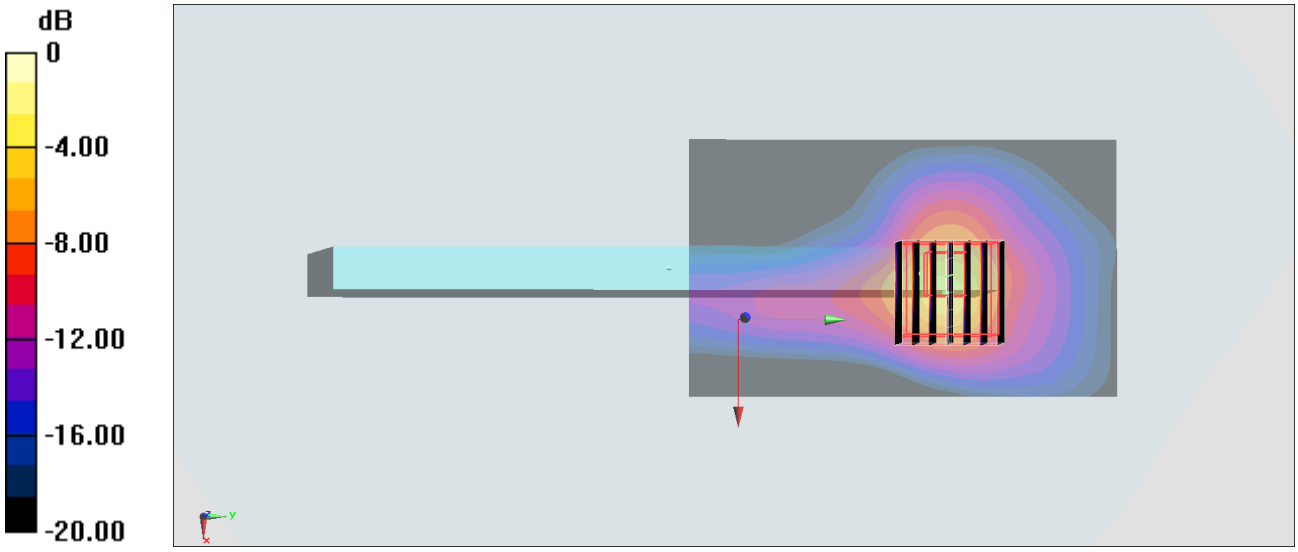
#30_WLAN5GHz_802.11a 6Mbps_Left Side_5mm_Ch157

Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1.018
Medium: MSL_5G_180922 Medium parameters used : f = 5785 MHz; σ = 5.96 S/m; ε_r = 47.043; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306;ConvF(4.37, 4.37, 4.37) @ 5785 MHz;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.740 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.25 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 2.59 W/kg
SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.143 W/kg
Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

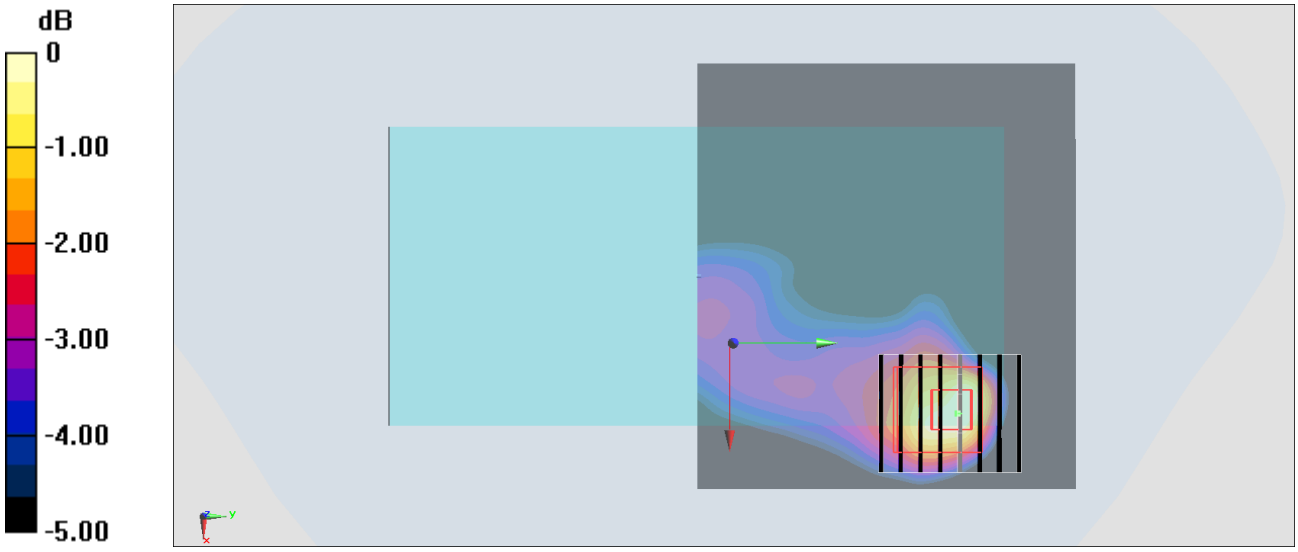
#31_Bluetooth_1Mbps_Back_5mm_Ch0

Communication System: Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1.298
Medium: MSL_2450_180921 Medium parameters used : f = 2402 MHz; σ = 1.965 S/m; ε_r = 53.742; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(7.36, 7.36, 7.36) @ 2402 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0764 W/kg

Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.041 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0940 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.022 W/kg
Maximum value of SAR (measured) = 0.0725 W/kg



0 dB = 0.0725 W/kg = -11.40 dBW/kg

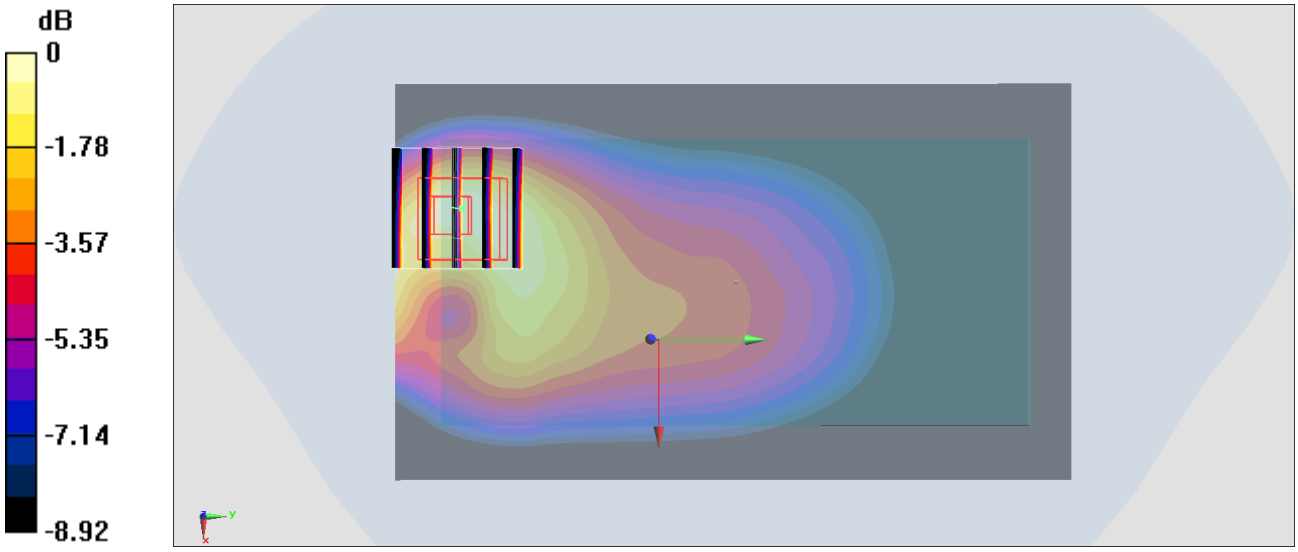
#32_GSM850_GPRS (3 Tx slots)_Back_5mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_850_180920 Medium parameters used: f = 849 MHz; σ = 1.017 S/m; ε_r = 53.434; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.41, 9.41, 9.41) @ 848.8 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.265 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.88 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.318 W/kg
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.110 W/kg
Maximum value of SAR (measured) = 0.263 W/kg



0 dB = 0.263 W/kg = -5.80 dBW/kg

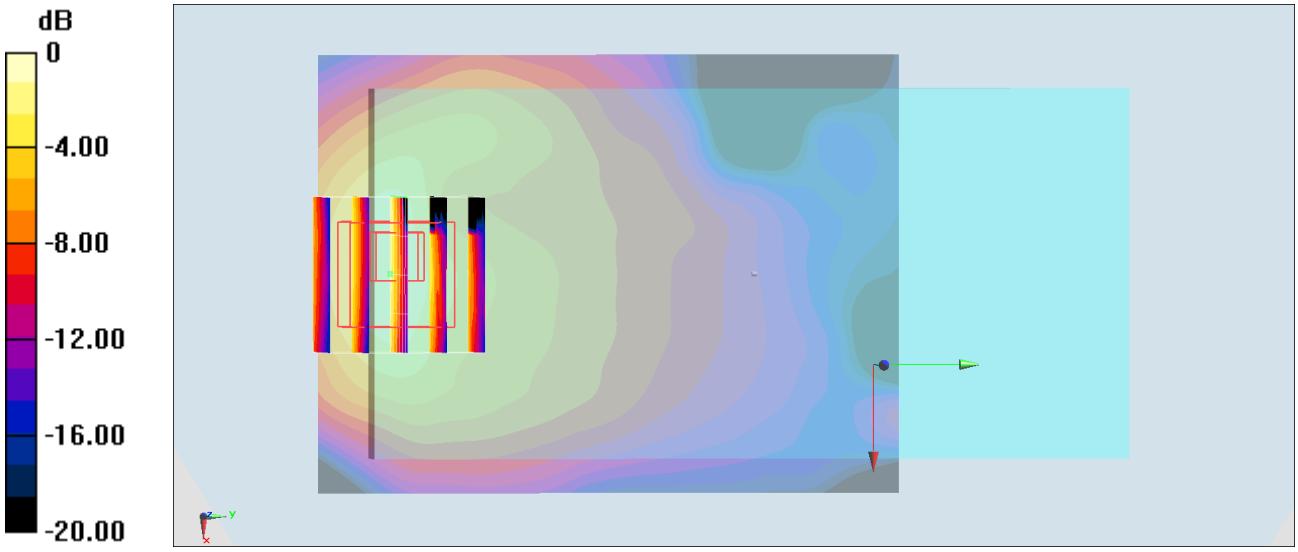
#33_GSM1900_GPRS (3 Tx slots)_Back_5mm_Ch512

Communication System: PCS ; Frequency: 1850.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_180921 Medium parameters used : f = 1850.2 MHz; σ = 1.496 S/m; ε_r = 51.821; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(8.04, 8.04, 8.04) @ 1850.2 MHz;Calibrated: 2018/2/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0699 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.300 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.170 W/kg
SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.030 W/kg
Maximum value of SAR (measured) = 0.0975 W/kg



0 dB = 0.0975 W/kg = -10.11 dBW/kg

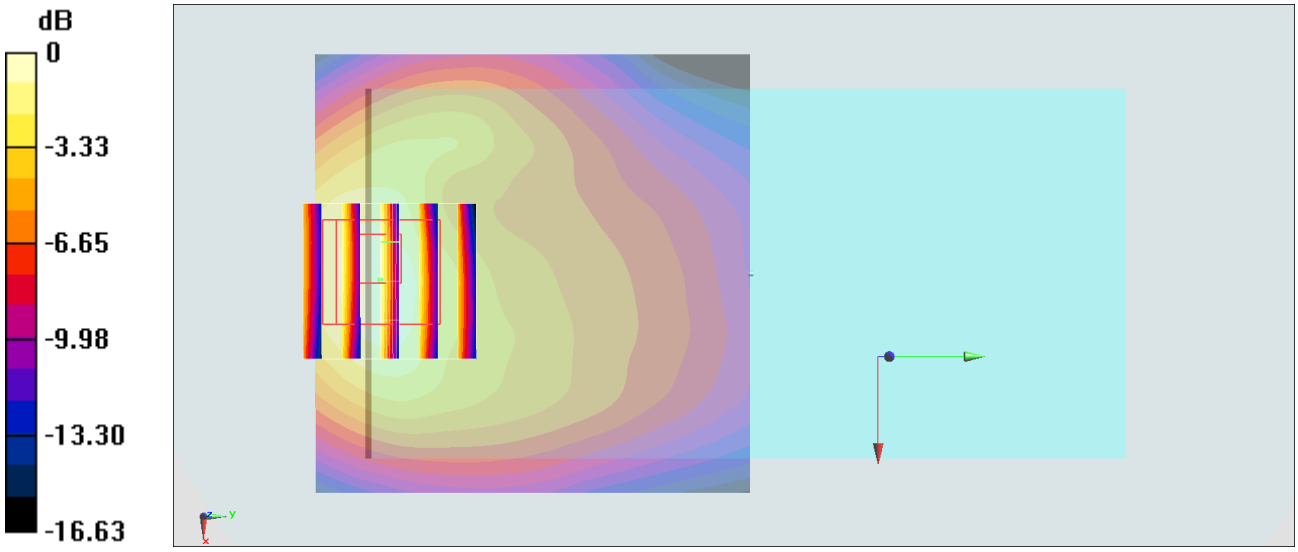
#34_WCDMA II_RMC12.2Kbps_Back_5mm_Ch9262

Communication System: WCDMA ; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180921 Medium parameters used : f = 1852.4 MHz; σ = 1.498 S/m; ε_r = 51.814; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(8.04, 8.04, 8.04) @ 1852.4 MHz;Calibrated: 2018/2/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.254 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.599 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.306 W/kg
SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.112 W/kg
Maximum value of SAR (measured) = 0.261 W/kg



0 dB = 0.261 W/kg = -5.83 dBW/kg

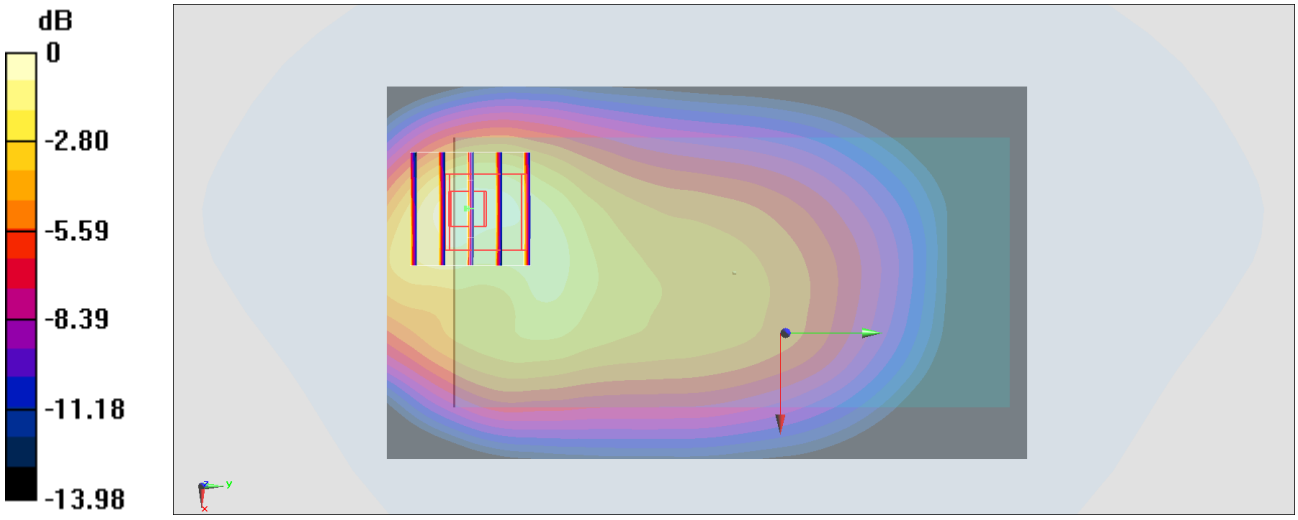
#35_WCDMA V_RMC12.2Kbps_Back_5mm_Ch4233

Communication System: WCDMA ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_180920 Medium parameters used: f = 847 MHz; σ = 1.015 S/m; ε_r = 53.452; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.41, 9.41, 9.41) @ 846.6 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.356 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.40 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.447 W/kg
SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.147 W/kg
Maximum value of SAR (measured) = 0.373 W/kg



0 dB = 0.373 W/kg = -4.28 dBW/kg

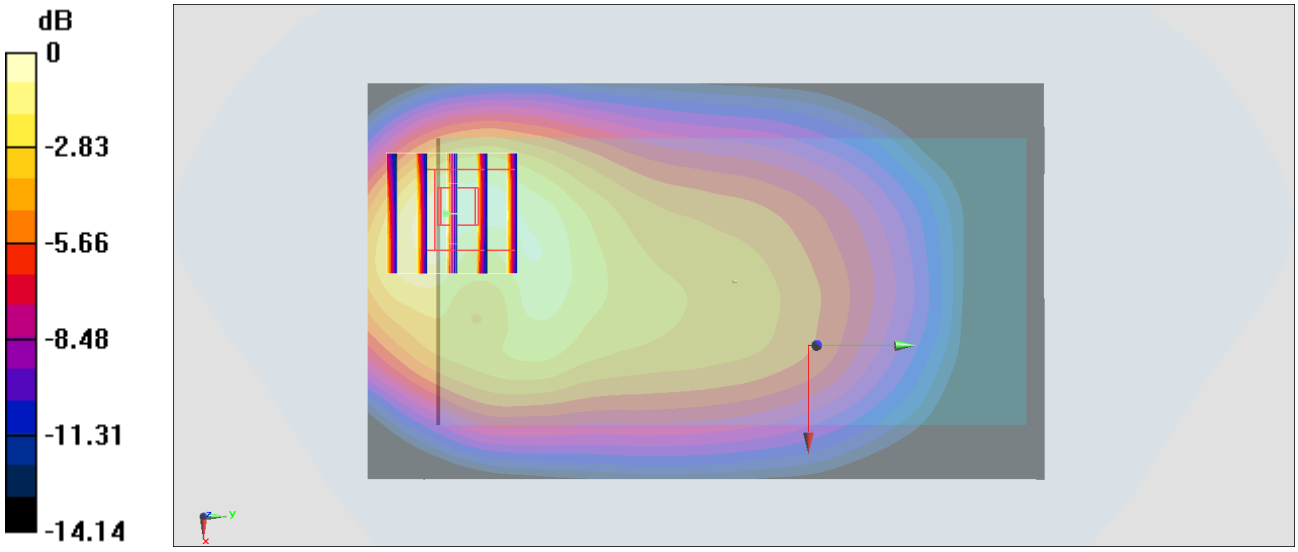
#36_CDMA BC0_RC3 SO32 (F+SCH) _Back_5mm_Ch777

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_850_180920 Medium parameters used : f = 848.31 MHz; σ = 1.016 S/m; ε_r = 53.442; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.41, 9.41, 9.41) @ 848.31 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.322 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.95 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.133 W/kg
Maximum value of SAR (measured) = 0.330 W/kg



0 dB = 0.330 W/kg = -4.81 dBW/kg

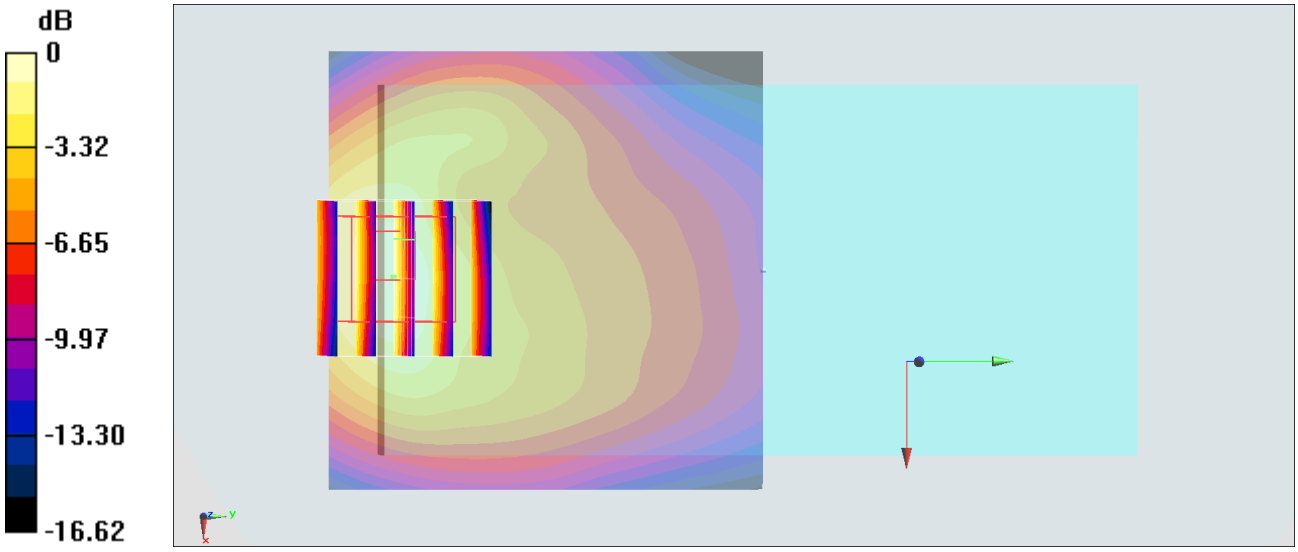
#37_CDMA2000 BC1_RC3 SO32 (F+SCH)_Back_5mm_Ch25

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180921 Medium parameters used : f = 1851.25 MHz; σ = 1.497 S/m; ε_r = 51.817; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(8.04, 8.04, 8.04) @ 1851.25 MHz;Calibrated: 2018/2/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.254 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.598 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.112 W/kg
Maximum value of SAR (measured) = 0.260 W/kg



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

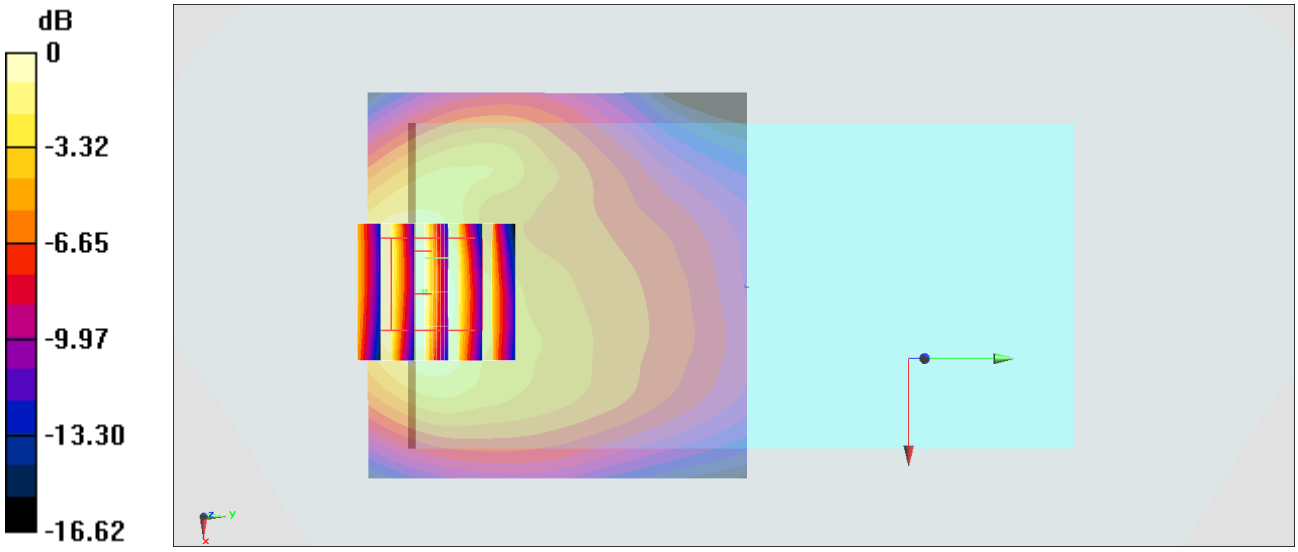
#38_LTE Band 2_20M_QPSK_1_0_Back_5mm_Ch18700

Communication System: LTE ; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180921 Medium parameters used: f = 1860 MHz; σ = 1.507 S/m; ε_r = 51.793; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(8.04, 8.04, 8.04) @ 1860 MHz;Calibrated: 2018/2/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.257 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.611 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.263 W/kg



0 dB = 0.263 W/kg = -5.80 dBW/kg

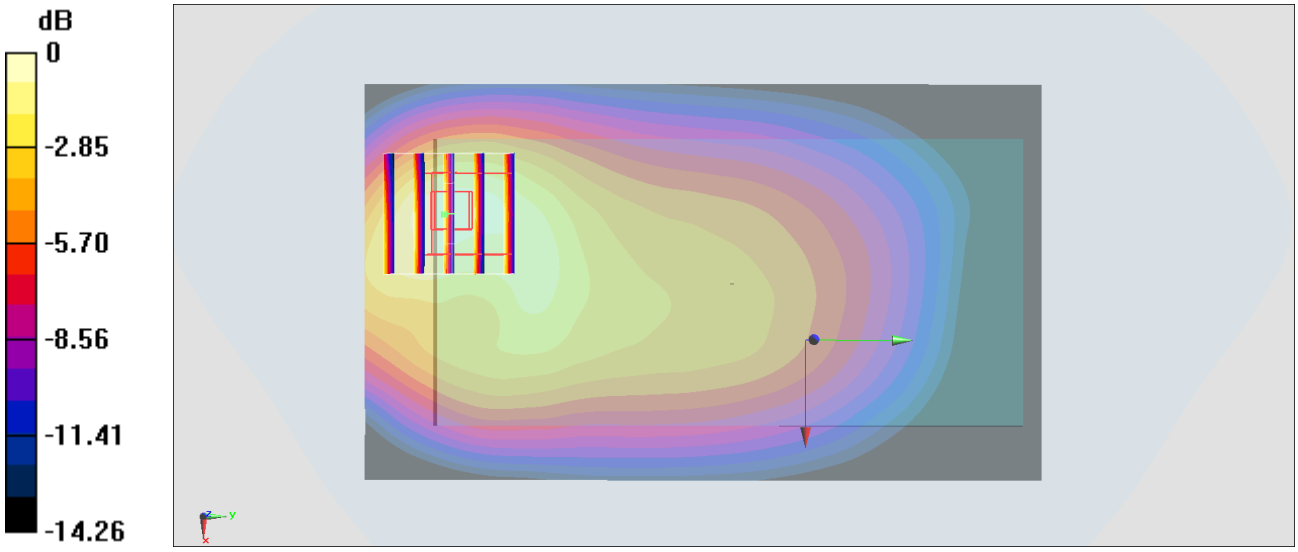
#39_LTE Band 5_10M_QPSK_1_25_Back_5mm_Ch20525

Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_180920 Medium parameters used : f = 836.5 MHz; σ = 1.004 S/m; ε_r = 53.558; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.41, 9.41, 9.41) @ 836.5 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.346 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.15 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.425 W/kg
SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.142 W/kg
Maximum value of SAR (measured) = 0.354 W/kg



0 dB = 0.354 W/kg = -4.51 dBW/kg

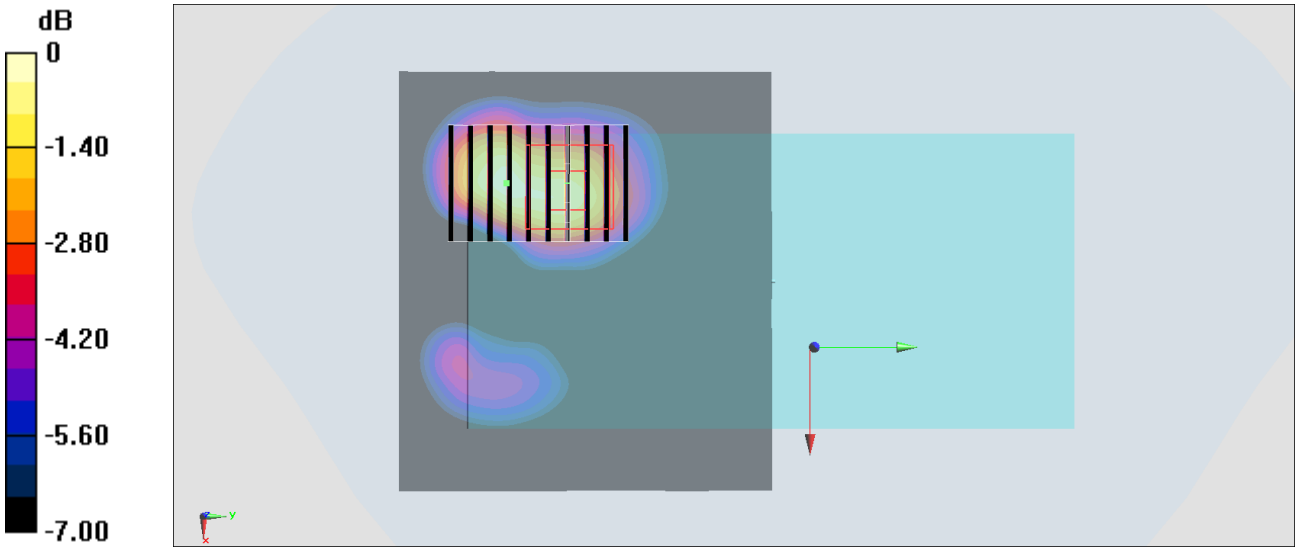
#40_LTE Band 7_20M_QPSK_50_0_Back_5mm_Ch20850

Communication System: LTE; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180921 Medium parameters used: f = 2510 MHz; σ = 2.108 S/m; ε_r = 53.339; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(7.3, 7.3, 7.3) @ 2510 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.176 W/kg

Zoom Scan (7x10x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.938 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.232 W/kg
SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.058 W/kg
Maximum value of SAR (measured) = 0.184 W/kg



0 dB = 0.184 W/kg = -7.35 dBW/kg

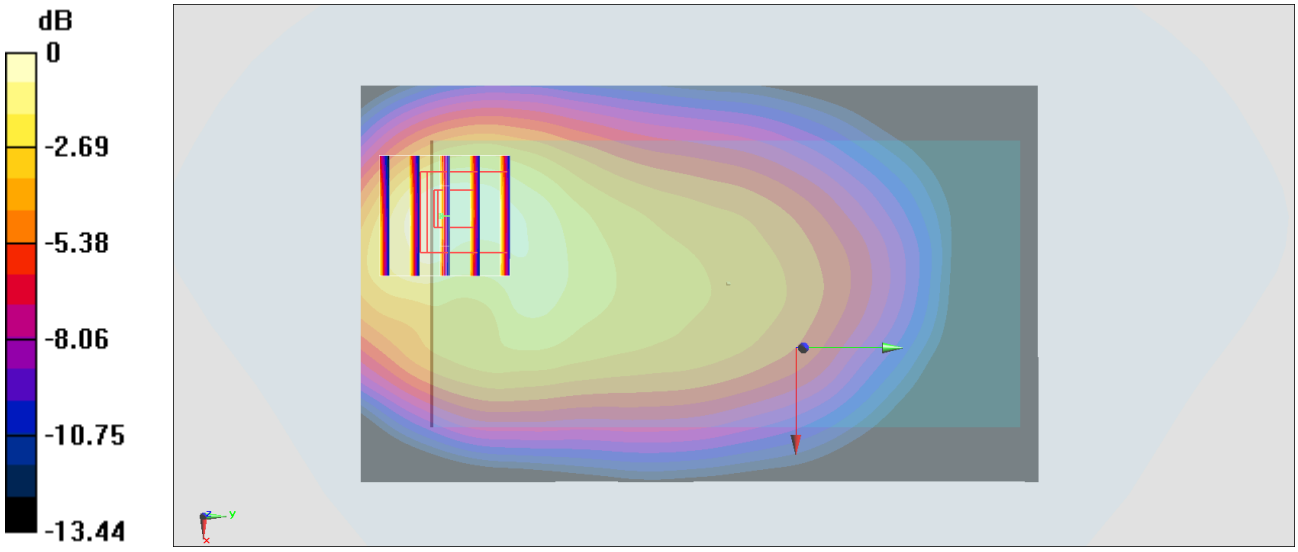
#41_LTE Band 13_10M_QPSK_1_0_Back_5mm_Ch23230

Communication System: LTE ; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_180920 Medium parameters used: f = 782 MHz; σ = 1.004 S/m; ε_r = 53.391; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.72, 9.72, 9.72) @ 782 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.277 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.47 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.329 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.117 W/kg
Maximum value of SAR (measured) = 0.274 W/kg



0 dB = 0.274 W/kg = -5.62 dBW/kg

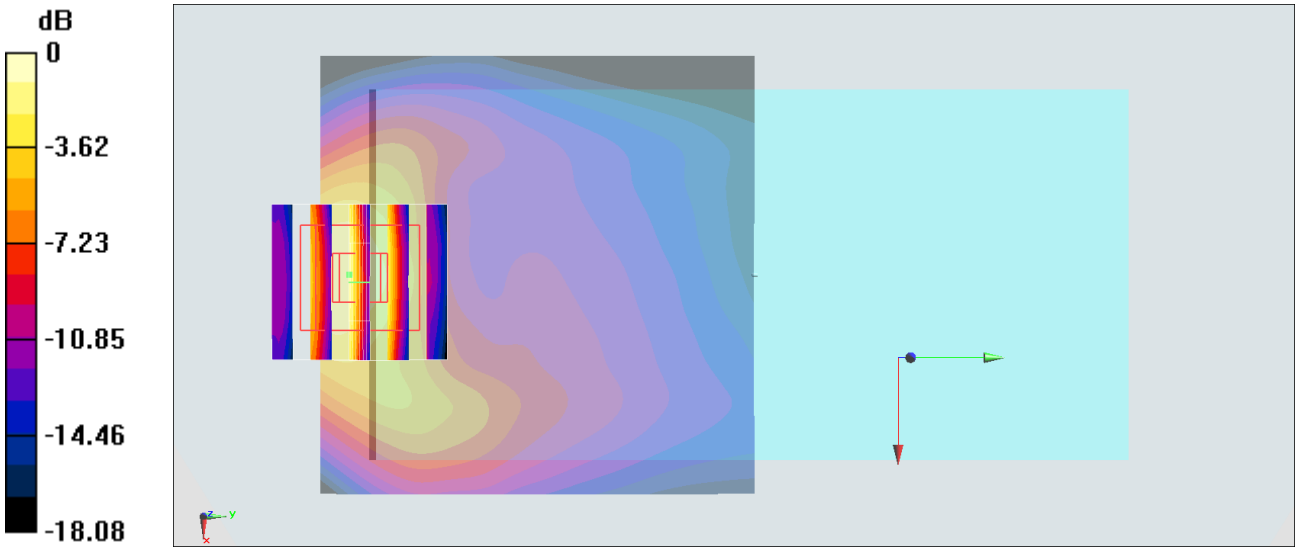
#42_LTE Band 66_20M_QPSK_1_0_Front_5mm_Ch132072

Communication System: LTE ; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_180921 Medium parameters used: f = 1720 MHz; σ = 1.432 S/m; ε_r = 55.454; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(8.45, 8.45, 8.45) @ 1720 MHz;Calibrated: 2018/2/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.737 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.63 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.363 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



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

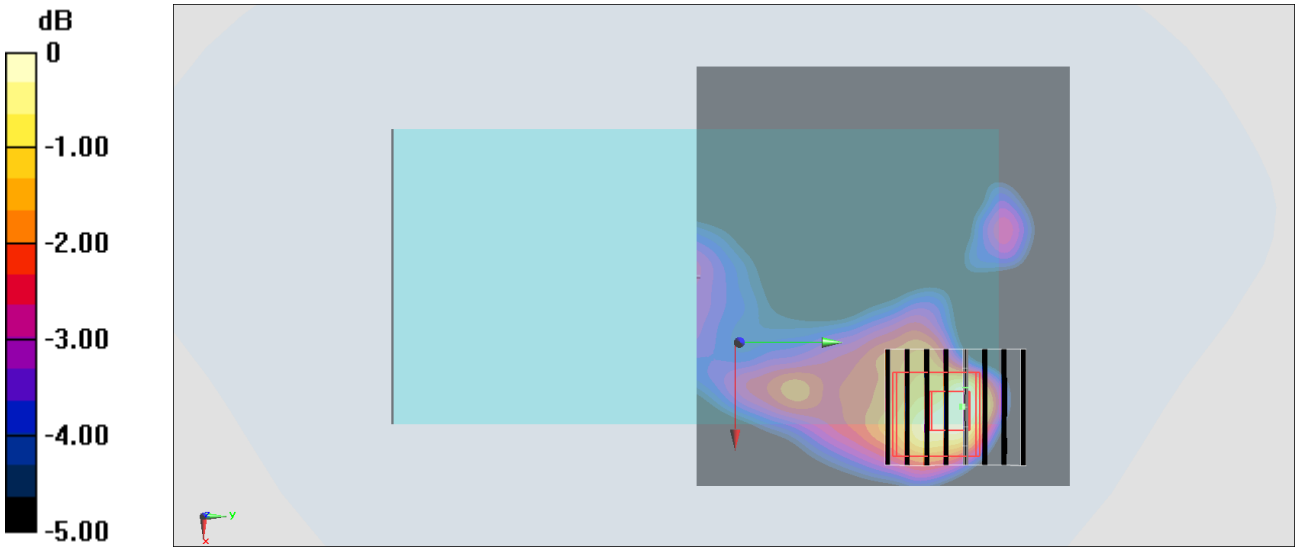
#43_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_180921 Medium parameters used: f = 2462 MHz; σ = 2.044 S/m; ε_r = 53.522; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(7.36, 7.36, 7.36) @ 2462 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0760 W/kg

Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.978 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0920 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0703 W/kg



0 dB = 0.0703 W/kg = -11.53 dBW/kg

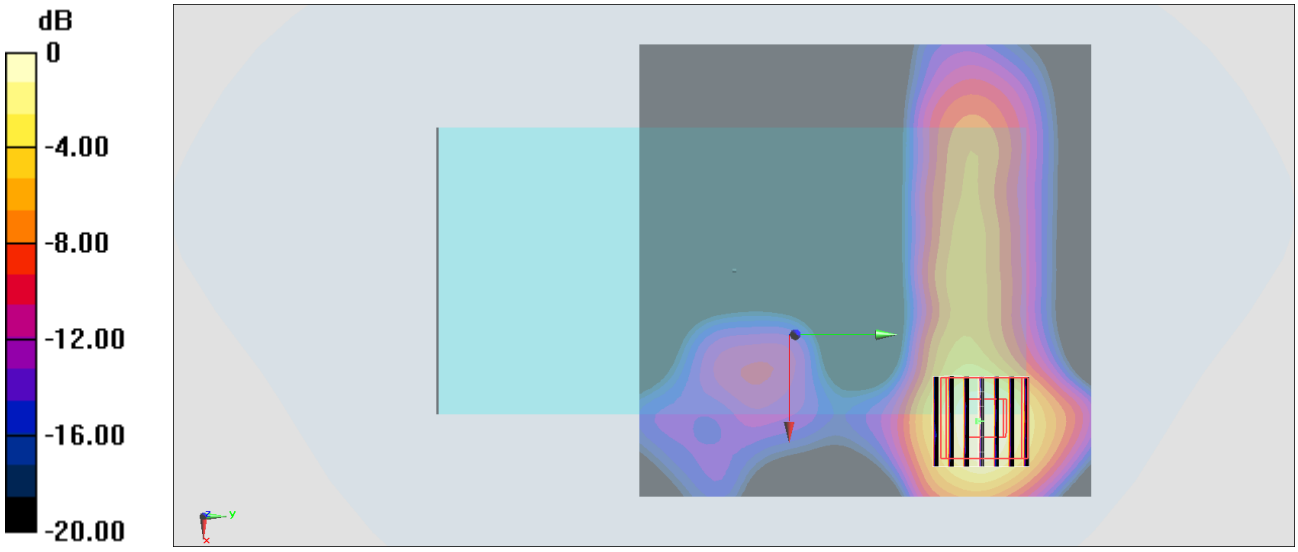
#44_WLAN5GHz_802.11a 6Mbps_Back_5mm_Ch64

Communication System: 802.11a ; Frequency: 5320 MHz;Duty Cycle: 1:1.018
Medium: MSL_5G_180922 Medium parameters used: f = 5320 MHz; σ = 5.35 S/m; ε_r = 47.753; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306;ConvF(4.8, 4.8, 4.8) @ 5320 MHz;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.293 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.110 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.413 W/kg
SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.038 W/kg
Maximum value of SAR (measured) = 0.268 W/kg



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

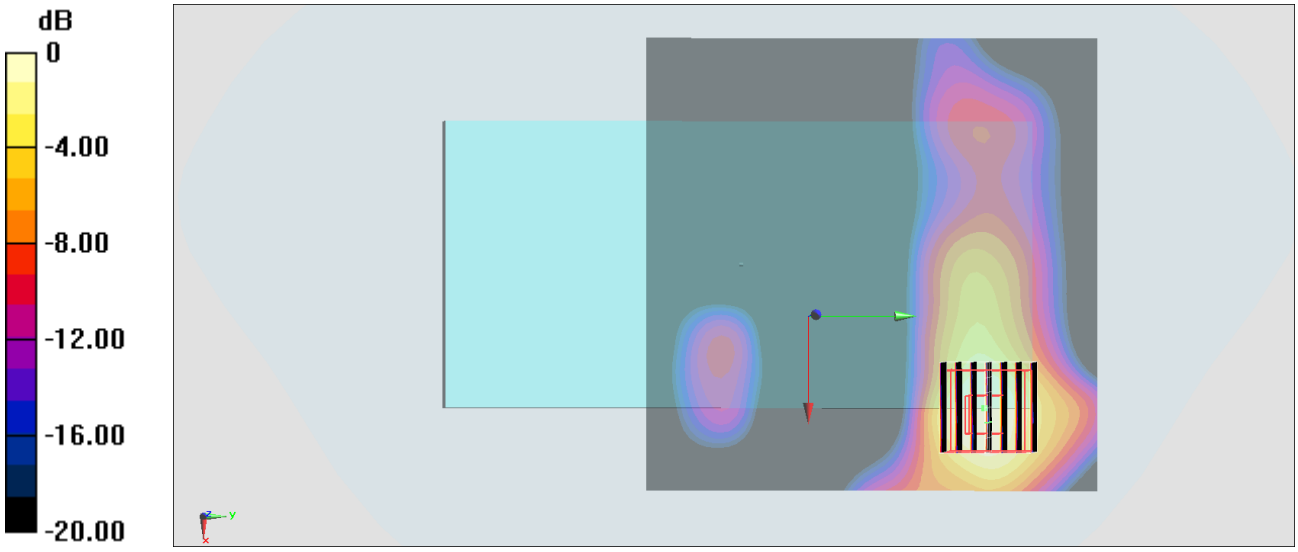
#45_WLAN5GHz_802.11a 6Mbps_Back_5mm_Ch100

Communication System: 802.11a ; Frequency: 5500 MHz;Duty Cycle: 1:1.018
Medium: MSL_5G_180922 Medium parameters used: f = 5500 MHz; σ = 5.575 S/m; ε_r = 47.477; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306;ConvF(4.03, 4.03, 4.03) @ 5500 MHz;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.369 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.395 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.466 W/kg
SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.040 W/kg
Maximum value of SAR (measured) = 0.301 W/kg



0 dB = 0.301 W/kg = -5.21 dBW/kg

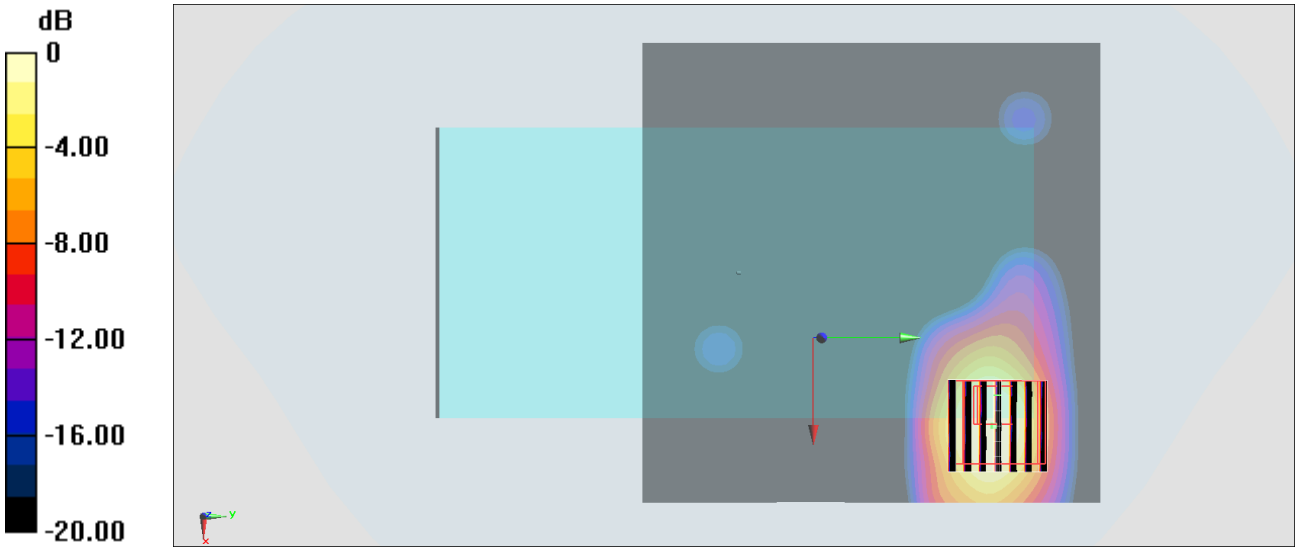
#46_WLAN5GHz_802.11a 6Mbps_Back_5mm_Ch157

Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1.018
Medium: MSL_5G_180922 Medium parameters used : f = 5785 MHz; σ = 5.96 S/m; ε_r = 47.043; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306;ConvF(4.37, 4.37, 4.37) @ 5785 MHz;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.363 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.033 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.370 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.035 W/kg
Maximum value of SAR (measured) = 0.282 W/kg



0 dB = 0.282 W/kg = -5.50 dBW/kg

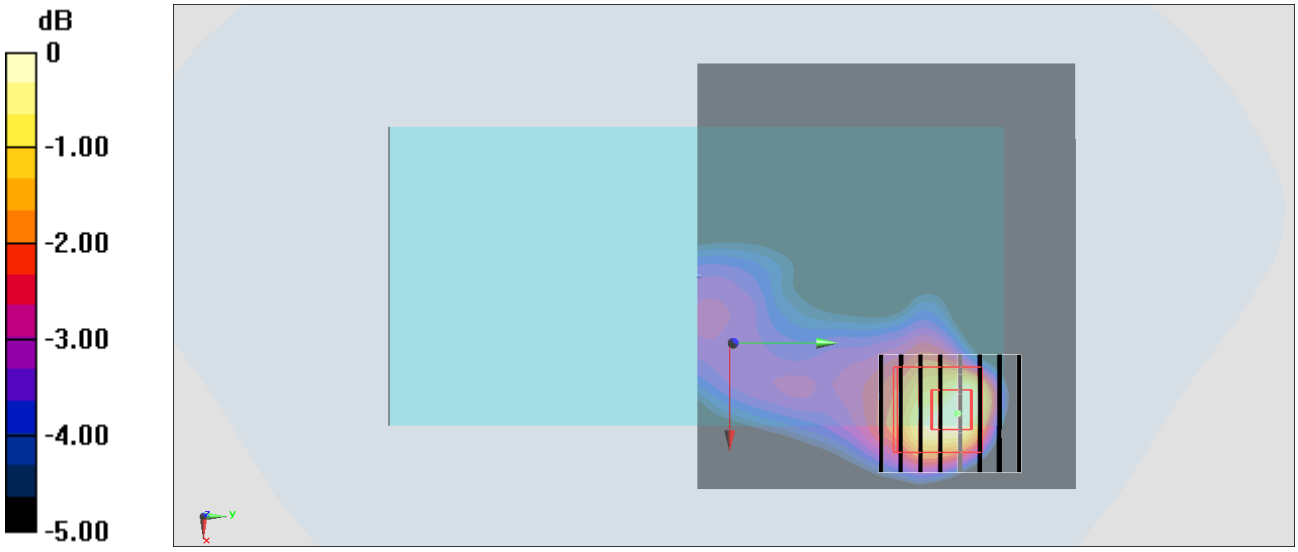
#47_Bluetooth_1Mbps_Back_5mm_Ch0

Communication System: Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1.298
Medium: MSL_2450_180921 Medium parameters used : f = 2402 MHz; σ = 1.965 S/m; ε_r = 53.742; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(7.36, 7.36, 7.36) @ 2402 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0764 W/kg

Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.041 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0940 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.022 W/kg
Maximum value of SAR (measured) = 0.0725 W/kg



0 dB = 0.0725 W/kg = -11.40 dBW/kg

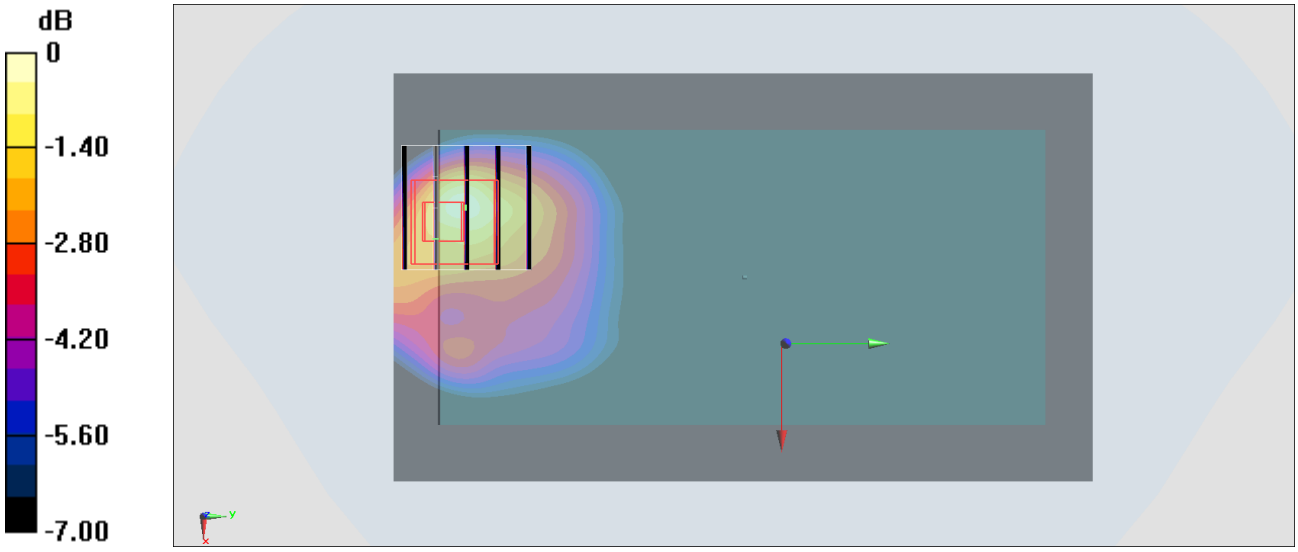
#48_GSM850_GPRS (3 Tx slots)_Back_0mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_850_180920 Medium parameters used: f = 849 MHz; σ = 1.017 S/m; ε_r = 53.434; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.41, 9.41, 9.41) @ 848.8 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.919 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.20 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.347 W/kg
Maximum value of SAR (measured) = 0.949 W/kg



0 dB = 0.949 W/kg = -0.23 dBW/kg

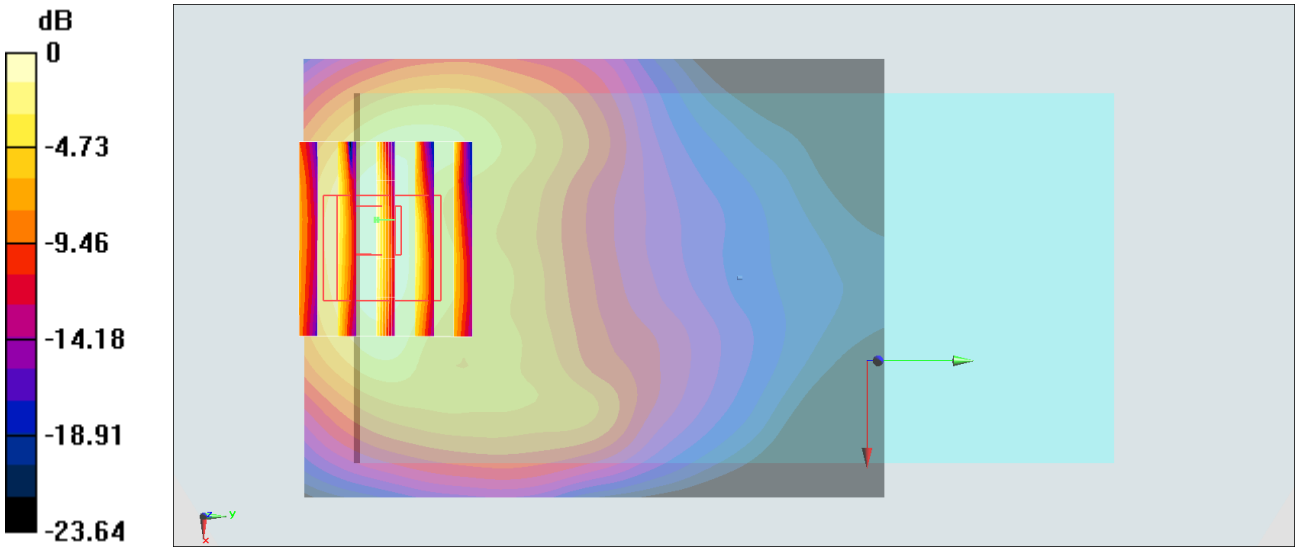
#49_GSM1900_GPRS (3 Tx slots)_Back_0mm_Ch512

Communication System: PCS ; Frequency: 1850.2 MHz;Duty Cycle: 1:2.770
Medium: MSL_1900_180921 Medium parameters used : f = 1850.2 MHz; σ = 1.496 S/m; ε_r = 51.821; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(8.04, 8.04, 8.04) @ 1850.2 MHz;Calibrated: 2018/2/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.49 W/kg

Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.28 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.552 W/kg
Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg = 1.76 dBW/kg

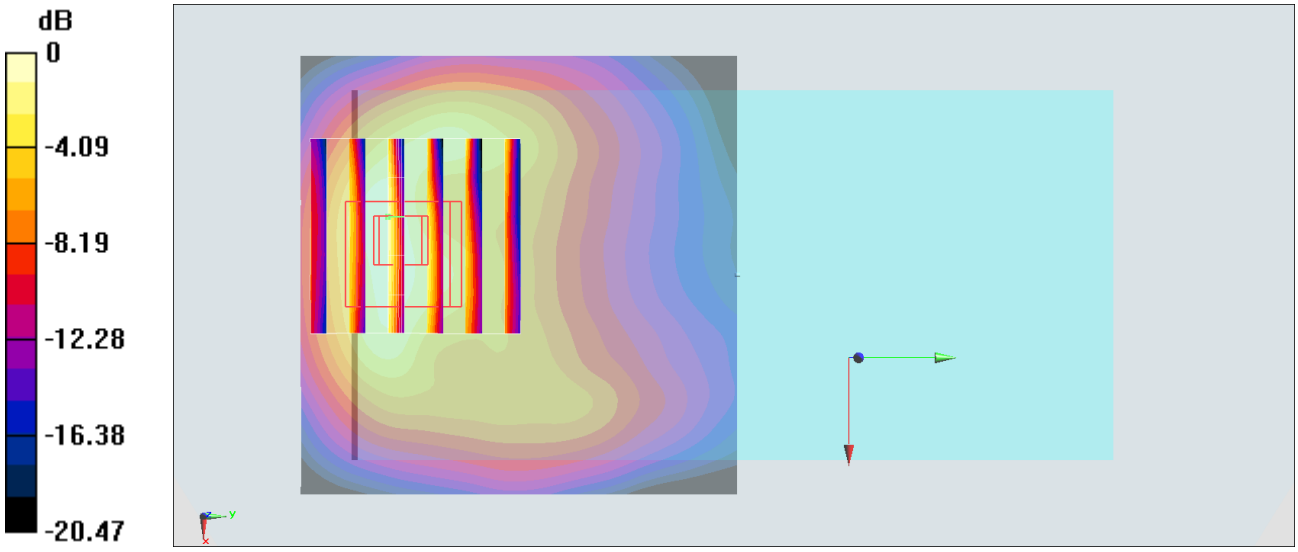
#50_WCDMA II_RMC12.2Kbps_Back_0mm_Ch9262

Communication System: WCDMA ; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180921 Medium parameters used : f = 1852.4 MHz; σ = 1.498 S/m; ε_r = 51.814; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(8.04, 8.04, 8.04) @ 1852.4 MHz;Calibrated: 2018/2/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.34 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.76 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.78 W/kg
SAR(1 g) = 1.6 W/kg; SAR(10 g) = 0.864 W/kg
Maximum value of SAR (measured) = 2.32 W/kg



0 dB = 2.32 W/kg = 3.65 dBW/kg

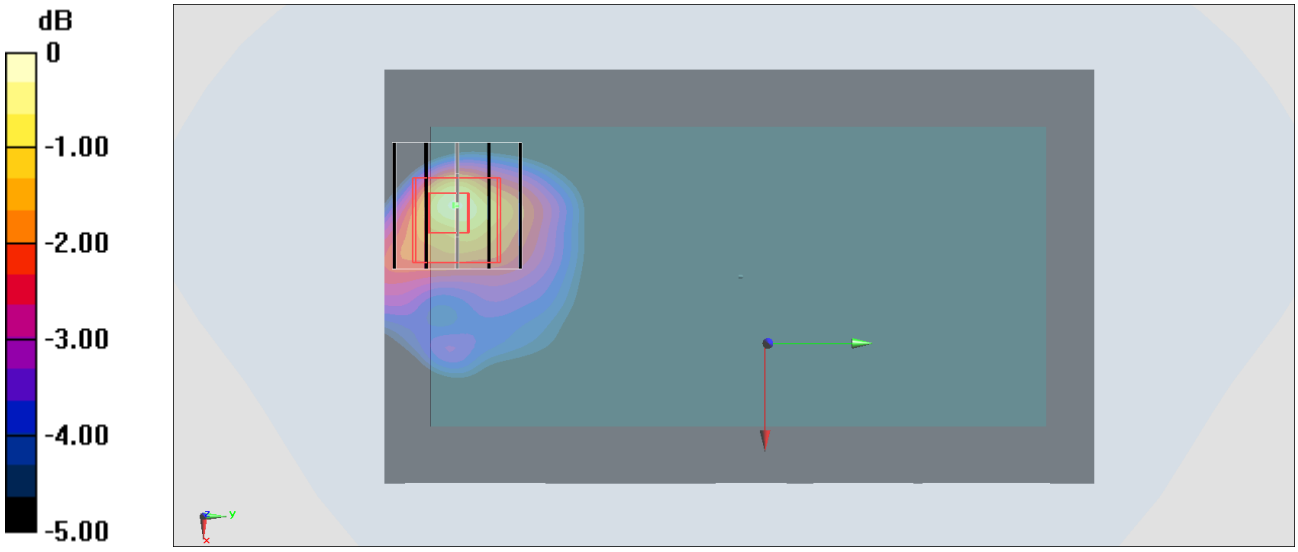
#51_WCDMA V_RMC12.2Kbps_Back_0mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_180920 Medium parameters used : f = 836.4 MHz; σ = 1.004 S/m; ε_r = 53.56; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.41, 9.41, 9.41) @ 836.4 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.51 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.95 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 1 W/kg; SAR(10 g) = 0.573 W/kg
Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60 W/kg = 2.04 dBW/kg

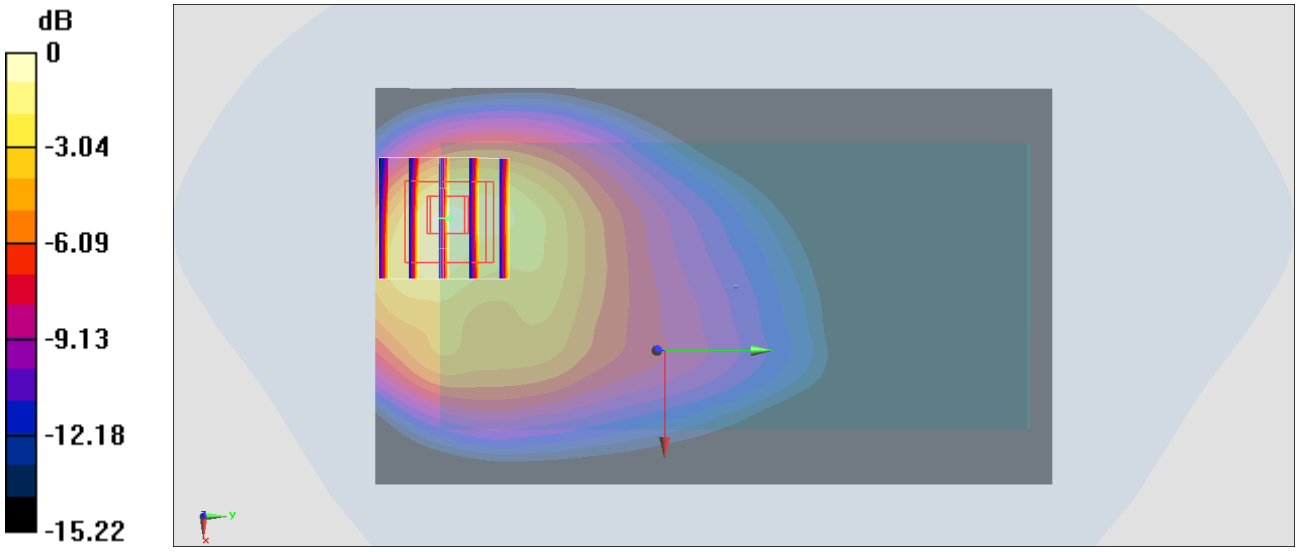
#52_CDMA BC0_RTAP153.6bps_Back_0mm_Ch777

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: MSL_850_180920 Medium parameters used : f = 848.31 MHz; σ = 1.016 S/m; ε_r = 53.442; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.41, 9.41, 9.41) @ 848.31 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.84 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 40.66 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.64 W/kg
SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.780 W/kg
Maximum value of SAR (measured) = 2.16 W/kg



0 dB = 2.16 W/kg = 3.34 dBW/kg

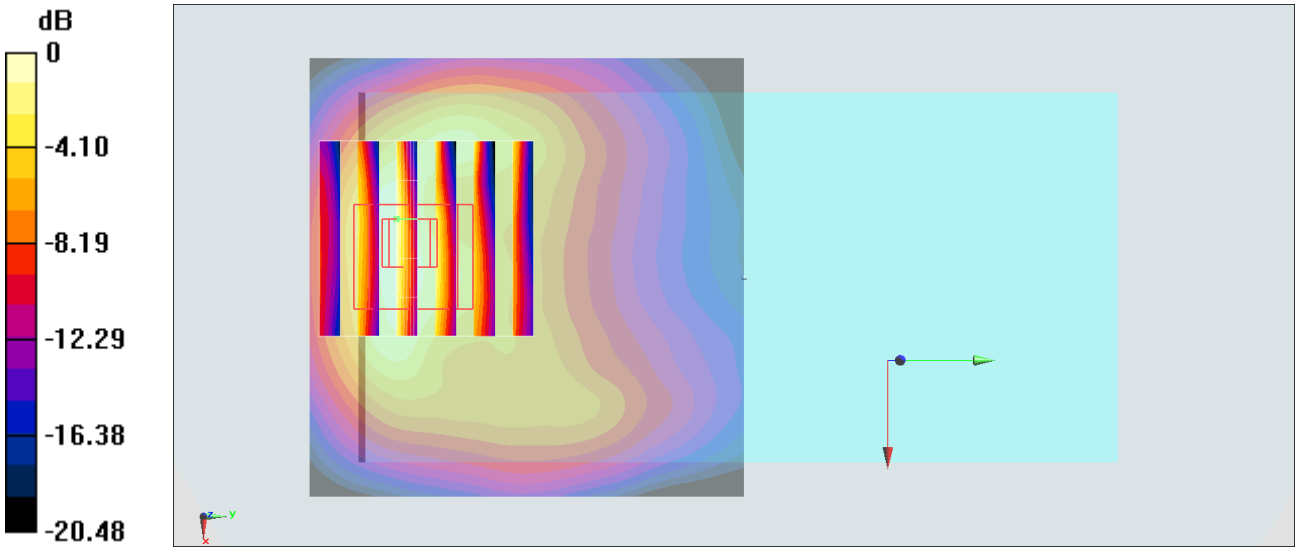
#53_CDMA2000 BC1_RTAP153.6bps_Back_0mm_Ch1175

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180921 Medium parameters used: f = 1909 MHz; σ = 1.562 S/m; ε_r = 51.614; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(8.04, 8.04, 8.04) @ 1908.75 MHz;Calibrated: 2018/2/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.48 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.87 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.95 W/kg
SAR(1 g) = 1.7 W/kg; SAR(10 g) = 0.917 W/kg
Maximum value of SAR (measured) = 2.47 W/kg



0 dB = 2.47 W/kg = 3.93 dBW/kg

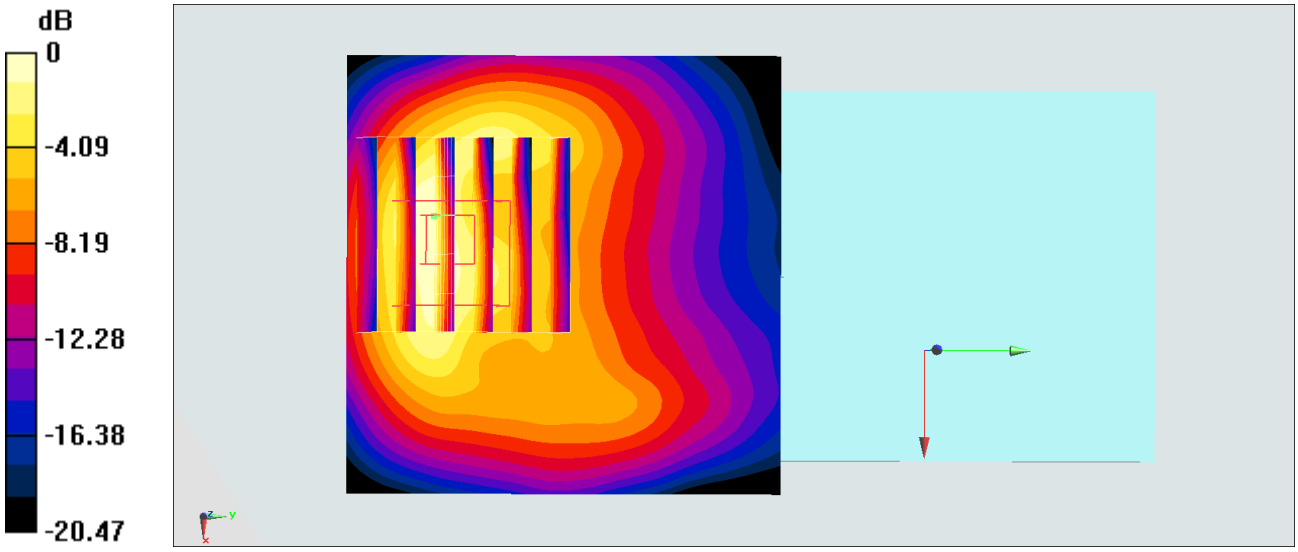
#54_LTE Band 2_20M_QPSK_50_0_Back_0mm_Ch18700

Communication System: LTE ; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180921 Medium parameters used: f = 1860 MHz; σ = 1.507 S/m; ε_r = 51.793; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(8.04, 8.04, 8.04) @ 1860 MHz;Calibrated: 2018/2/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.36 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.78 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.81 W/kg
SAR(1 g) = 1.61 W/kg; SAR(10 g) = 0.871 W/kg
Maximum value of SAR (measured) = 2.34 W/kg



0 dB = 2.34 W/kg = 3.69 dBW/kg

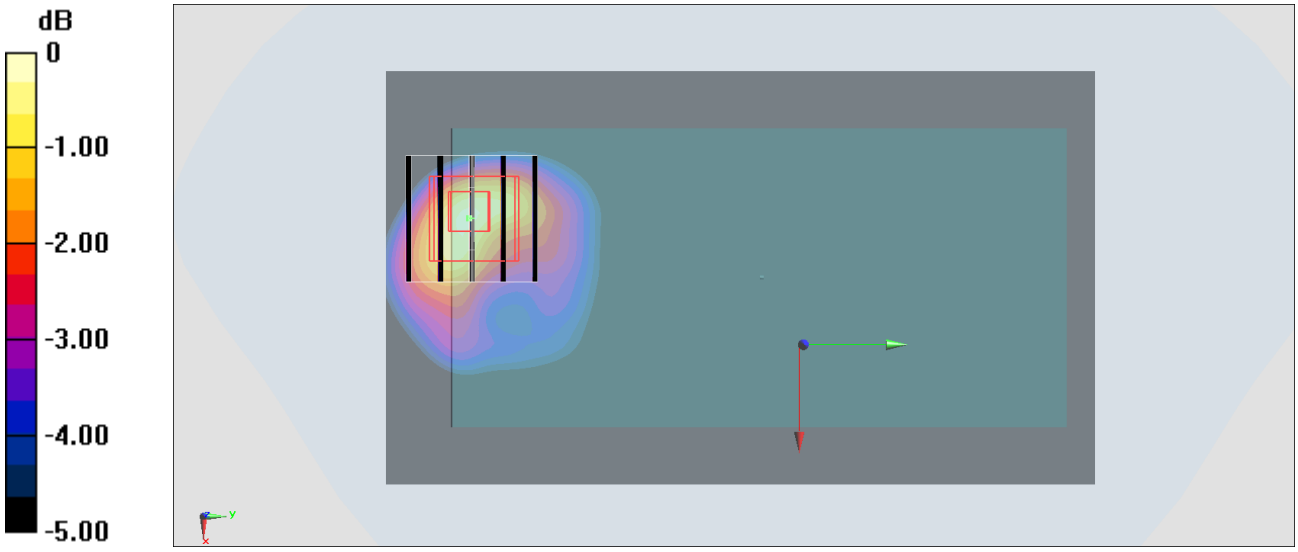
#55_LTE Band 5_10M_QPSK_1_25_Back_0mm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_180920 Medium parameters used : f = 836.5 MHz; σ = 1.004 S/m; ε_r = 53.558; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.41, 9.41, 9.41) @ 836.5 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.74 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.12 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.25 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.657 W/kg
Maximum value of SAR (measured) = 1.83 W/kg



0 dB = 1.83 W/kg = 2.62 dBW/kg

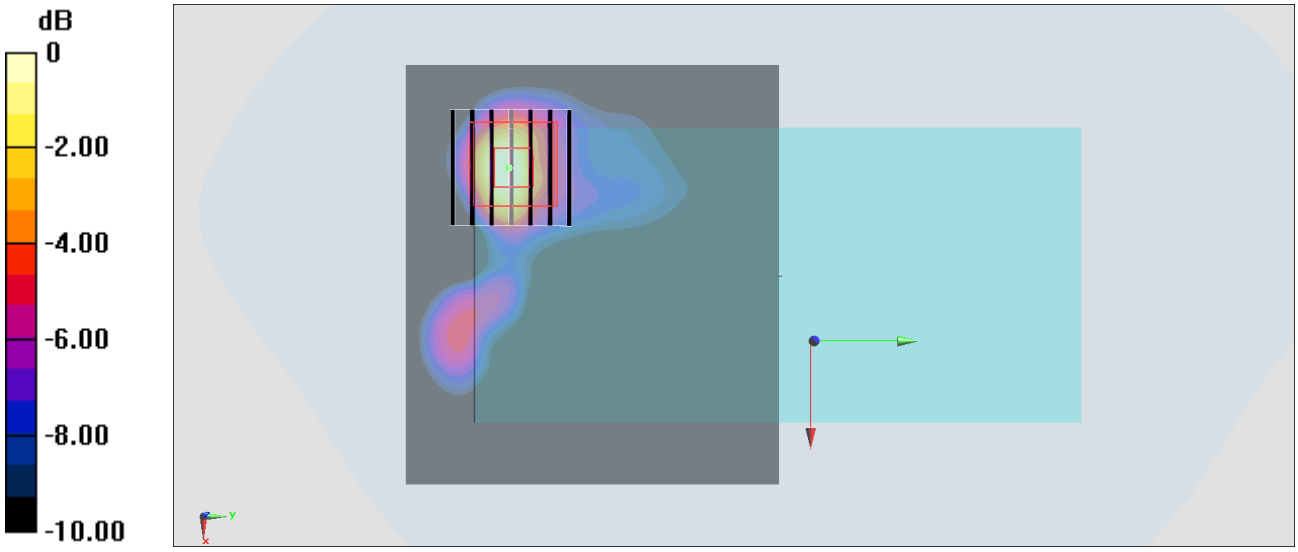
#56_LTE Band 7_20M_QPSK_50_0_Back_0mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180921 Medium parameters used: f = 2560 MHz; σ = 2.166 S/m; ε_r = 53.174; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(7.3, 7.3, 7.3) @ 2560 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 2.00 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.00 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.90 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.429 W/kg
Maximum value of SAR (measured) = 1.92 W/kg



0 dB = 1.92 W/kg = 2.83 dBW/kg

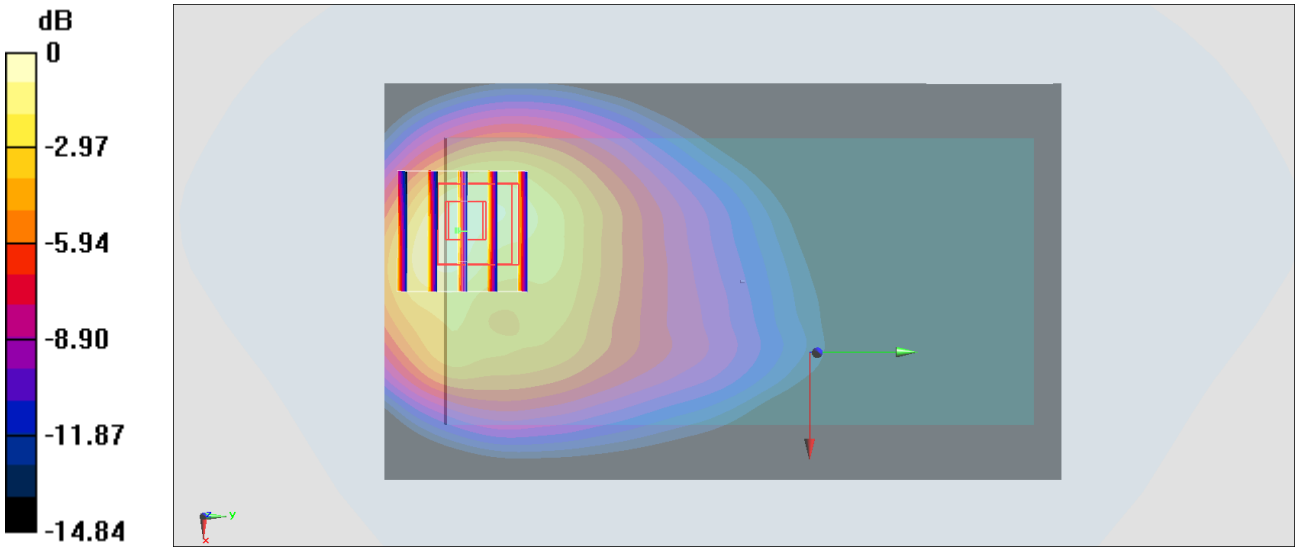
#57_LTE Band 13_10M_QPSK_1_0_Back_0mm_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_180920 Medium parameters used: f = 782 MHz; σ = 1.004 S/m; ε_r = 53.391; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7324;ConvF(9.72, 9.72, 9.72) @ 782 MHz;Calibrated: 2018/7/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.46 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.34 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.564 W/kg
Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.57 W/kg = 1.96 dBW/kg

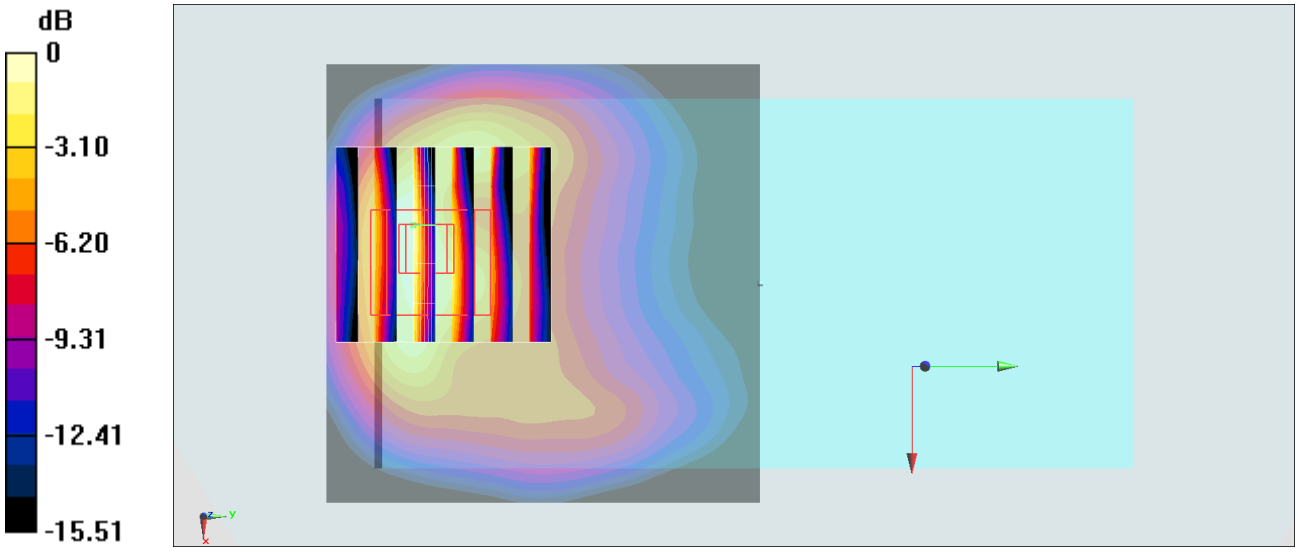
#58_LTE Band 66_20M_QPSK_50_0_Back_5mm_Ch132072

Communication System: LTE ; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_180921 Medium parameters used: f = 1720 MHz; σ = 1.432 S/m; ε_r = 55.454; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7346;ConvF(8.45, 8.45, 8.45) @ 1720 MHz;Calibrated: 2018/2/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.16 W/kg

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.51 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.58 W/kg
SAR(1 g) = 1.47 W/kg; SAR(10 g) = 0.792 W/kg
Maximum value of SAR (measured) = 2.14 W/kg



0 dB = 2.14 W/kg = 3.30 dBW/kg

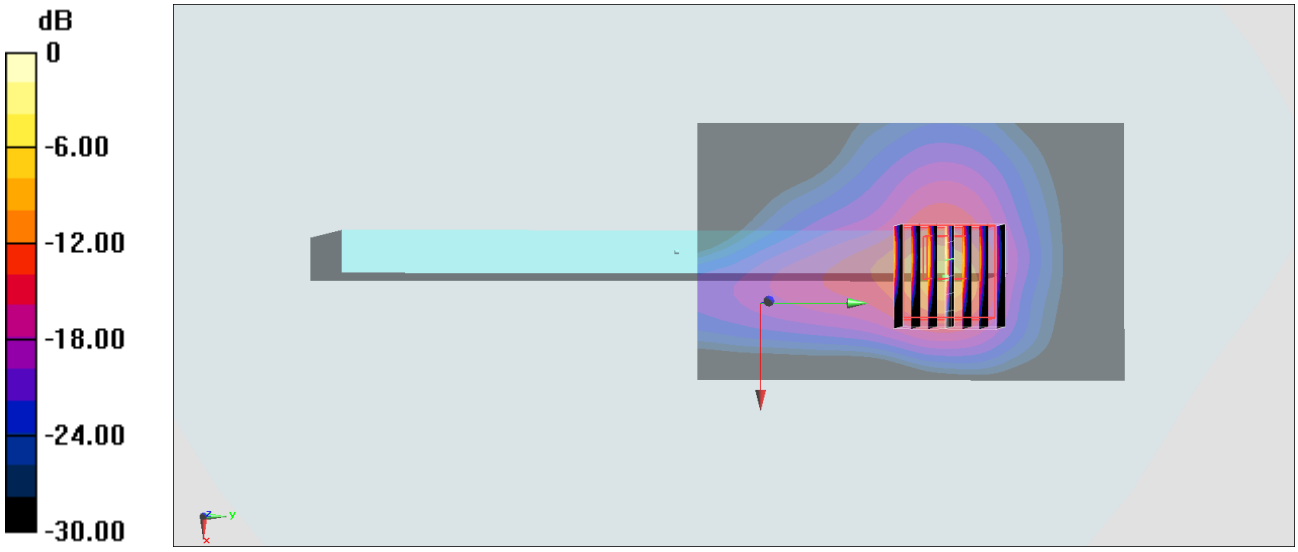
#59_WLAN5GHz_802.11a 6Mbps_Left Side_0mm_Ch60

Communication System: 802.11a ; Frequency: 5300 MHz;Duty Cycle: 1:1.018
Medium: MSL_5G_180922 Medium parameters used : f = 5300 MHz; σ = 5.325 S/m; ε_r = 47.787; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306;ConvF(4.8, 4.8, 4.8) @ 5300 MHz;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.96 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 34.42 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 25.5 W/kg
SAR(1 g) = 4.29 W/kg; SAR(10 g) = 0.845 W/kg
Maximum value of SAR (measured) = 14.5 W/kg



0 dB = 14.5 W/kg = 11.61 dBW/kg

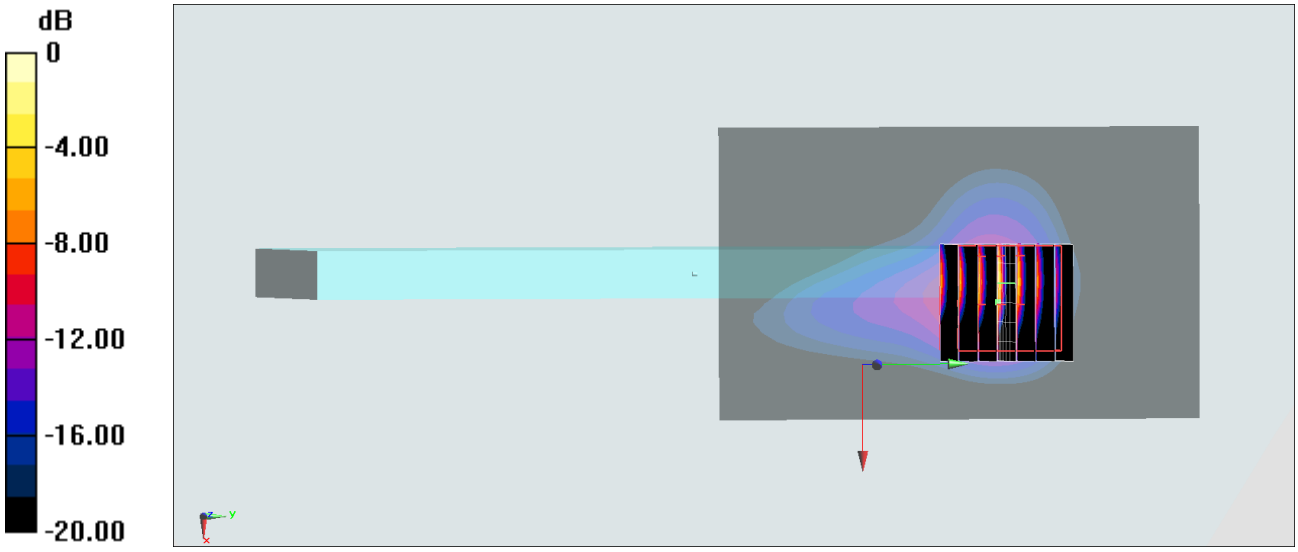
#60_WLAN5GHz_802.11a 6Mbps_Left Side_0mm_Ch116

Communication System: 802.11a ; Frequency: 5580 MHz;Duty Cycle: 1:1.018
Medium: MSL_5G_180922 Medium parameters used: f = 5580 MHz; σ = 5.687 S/m; ε_r = 47.362; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7306;ConvF(4.03, 4.03, 4.03) @ 5580 MHz;Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.42 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 36.58 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 23.2 W/kg
SAR(1 g) = 3.88 W/kg; SAR(10 g) = 0.803 W/kg
Maximum value of SAR (measured) = 12.6 W/kg



0 dB = 12.6 W/kg = 11.00 dBW/kg