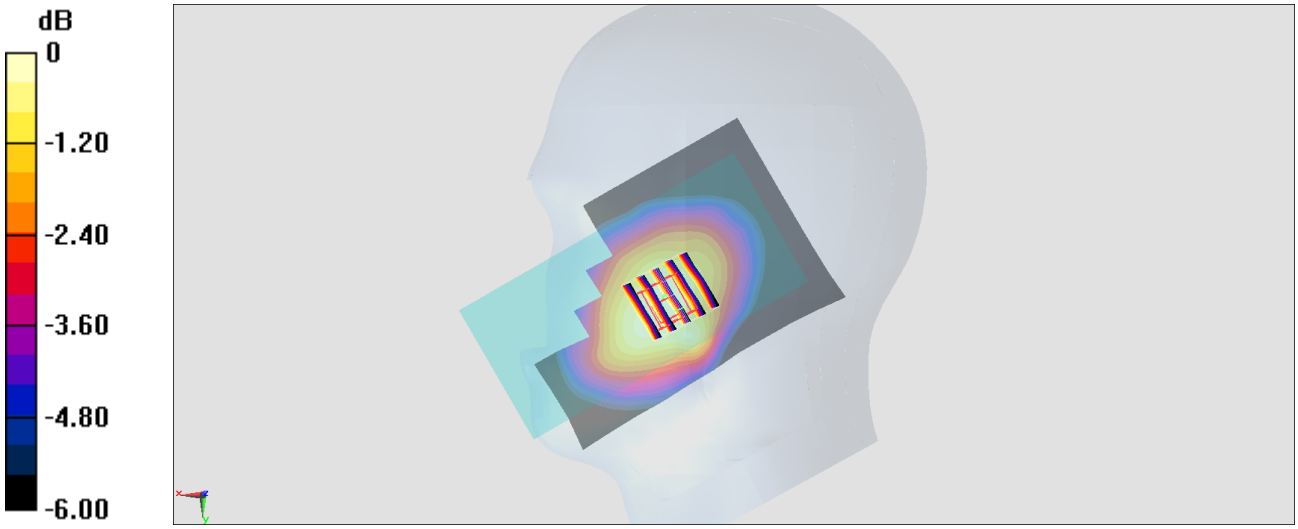
#01_GSM850_GPRS (1 Tx slots)_Right Cheek_Ch251

Communication System: GSM850 ; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_190706 Medium parameters used: f = 849 MHz; σ = 0.884 S/m; ε_r = 40.52; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(6.42, 6.42, 6.42) @ 848.8 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.171 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.348 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.207 W/kg
SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.126 W/kg
Maximum value of SAR (measured) = 0.177 W/kg



0 dB = 0.171 W/kg = -7.67 dBW/kg

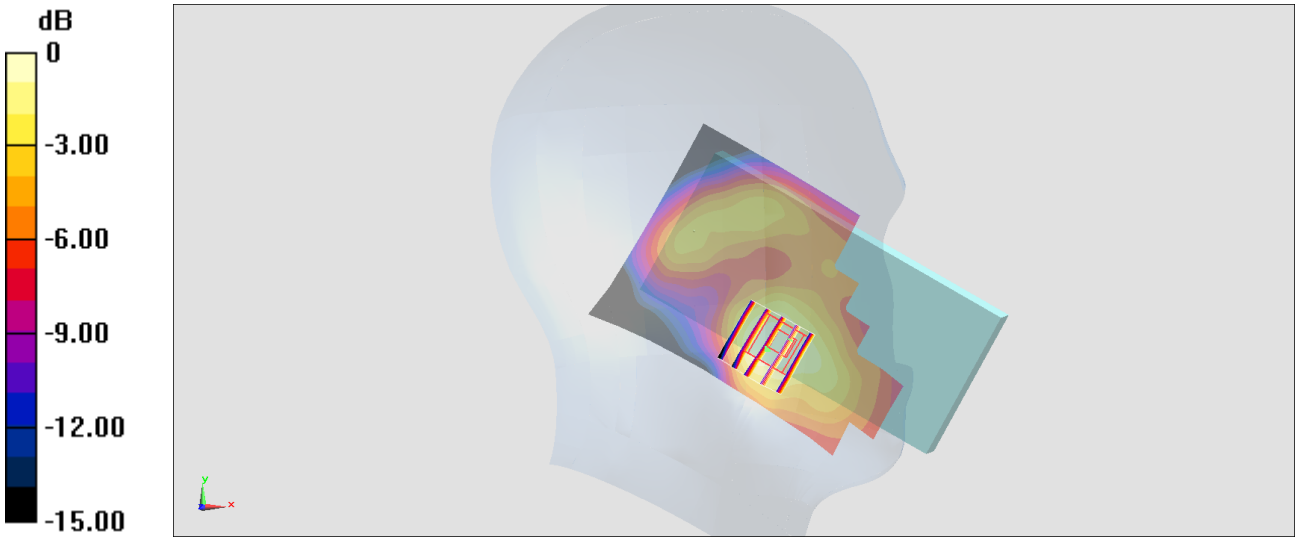
#02_GSM1900_GPRS (4 Tx slots)_Left Cheek_Ch512

Communication System: PCS ; Frequency: 1850.2 MHz;Duty Cycle: 1:2.0797
Medium: HSL_1900_190705 Medium parameters used : f = 1850.2 MHz; σ = 1.413 S/m; ε_r = 40.384; ρ =1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(5.14, 5.14, 5.14) @ 1850.2 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.201 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.31 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.239 W/kg
SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.107 W/kg
Maximum value of SAR (measured) = 0.182 W/kg



0 dB = 0.201 W/kg = -6.97 dBW/kg

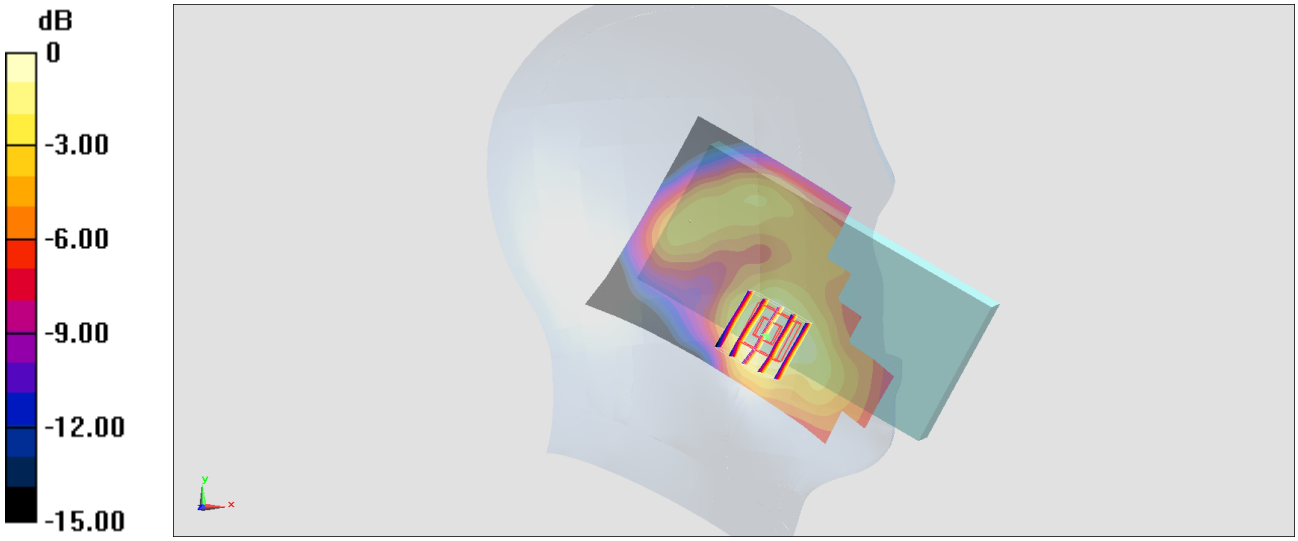
#03_WCDMA II_RMC 12.2Kbps_Left Cheek_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_190705 Medium parameters used : f = 1852.4 MHz; σ = 1.413 S/m; ε_r = 40.384; ρ =1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(5.14, 5.14, 5.14) @ 1852.4 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.325 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.57 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.393 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.176 W/kg
Maximum value of SAR (measured) = 0.317 W/kg



0 dB = 0.325 W/kg = -4.88 dBW/kg

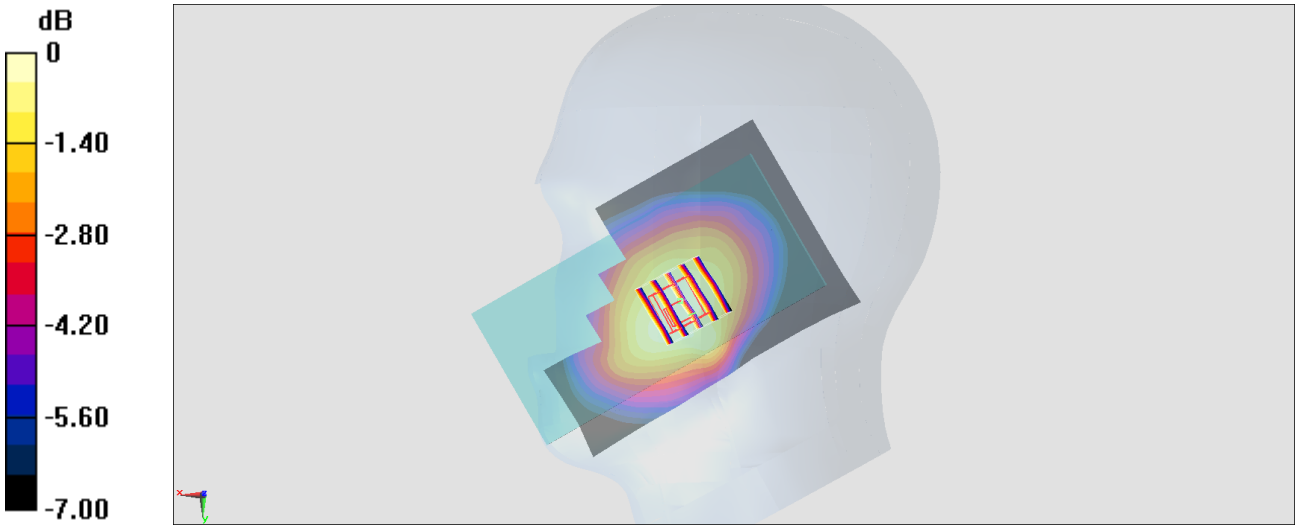
#04_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4182

Communication System: WCDMA ; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_190706 Medium parameters used : f = 836.4 MHz; σ = 0.878 S/m; ε_r = 40.818; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(6.42, 6.42, 6.42) @ 836.4 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.192 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.712 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.140 W/kg
Maximum value of SAR (measured) = 0.194 W/kg



0 dB = 0.192 W/kg = -7.17 dBW/kg

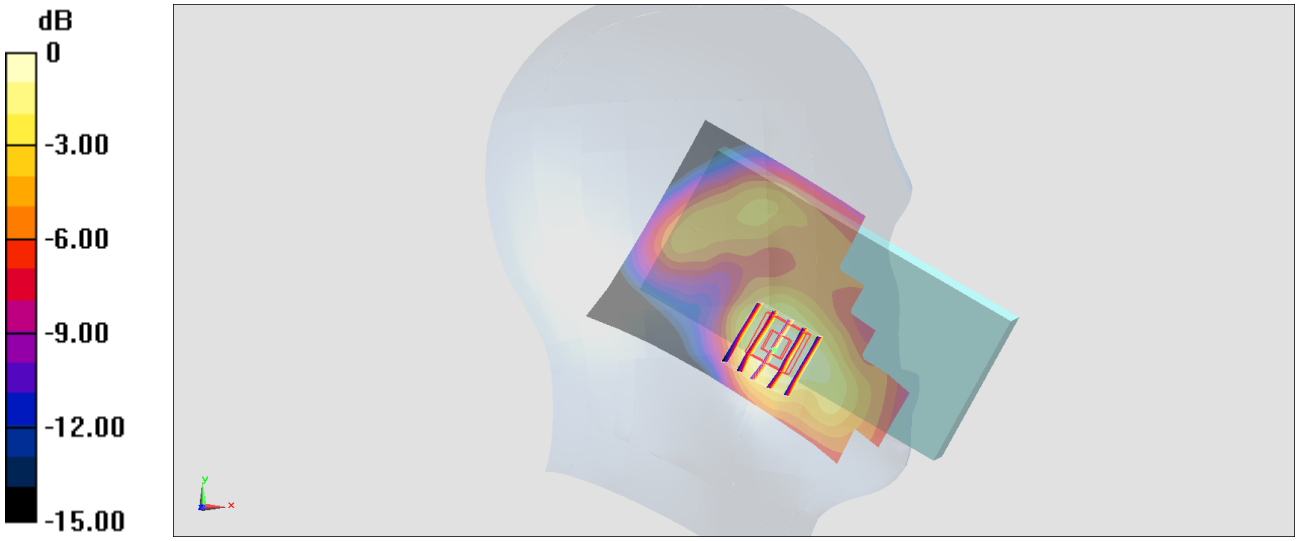
#05_LTE Band 2_20M_QPSK_1_99_Left Cheek_Ch18700

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_190705 Medium parameters used: f = 1860 MHz; σ = 1.413 S/m; ε_r = 40.383; ρ = $1000_{kg/m^3}$
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(5.14, 5.14, 5.14) @ 1860 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.325 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.85 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.400 W/kg
SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.172 W/kg
Maximum value of SAR (measured) = 0.319 W/kg



0 dB = 0.325 W/kg = -4.88 dBW/kg

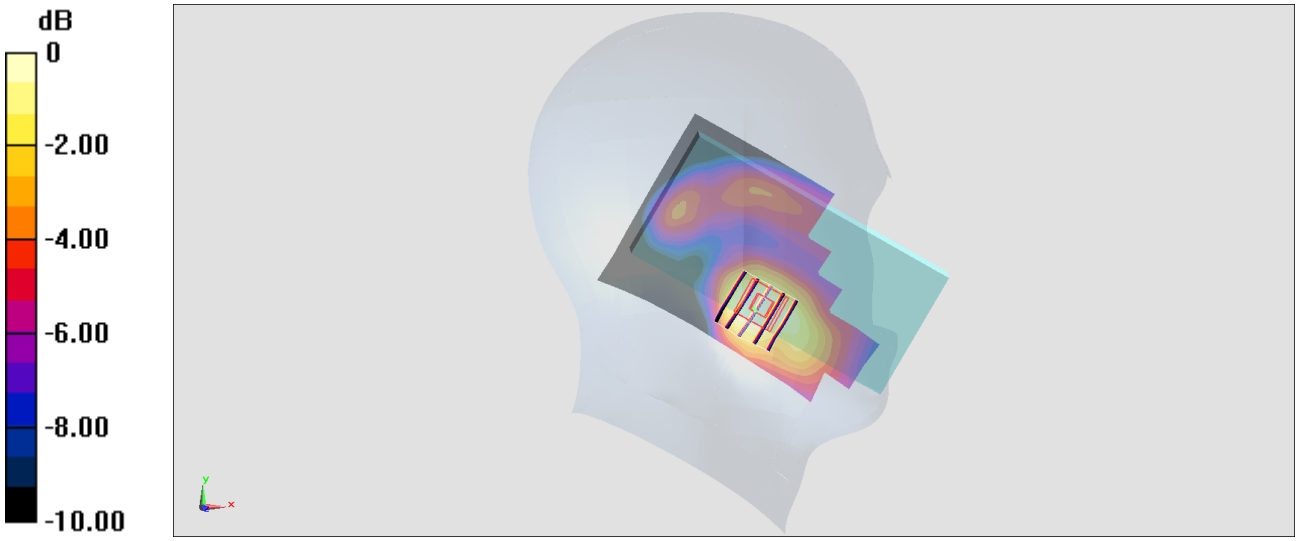
#06_LTE Band 4_20M_QPSK_1_49_Left Cheek_Ch20175

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_190705 Medium parameters used: f = 1733 MHz; σ = 1.361 S/m; ε_r = 39.168; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(5.34, 5.34, 5.34) @ 1732.5 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.134 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.983 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.162 W/kg
SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.072 W/kg
Maximum value of SAR (measured) = 0.125 W/kg



0 dB = 0.125 W/kg = -9.03 dBW/kg

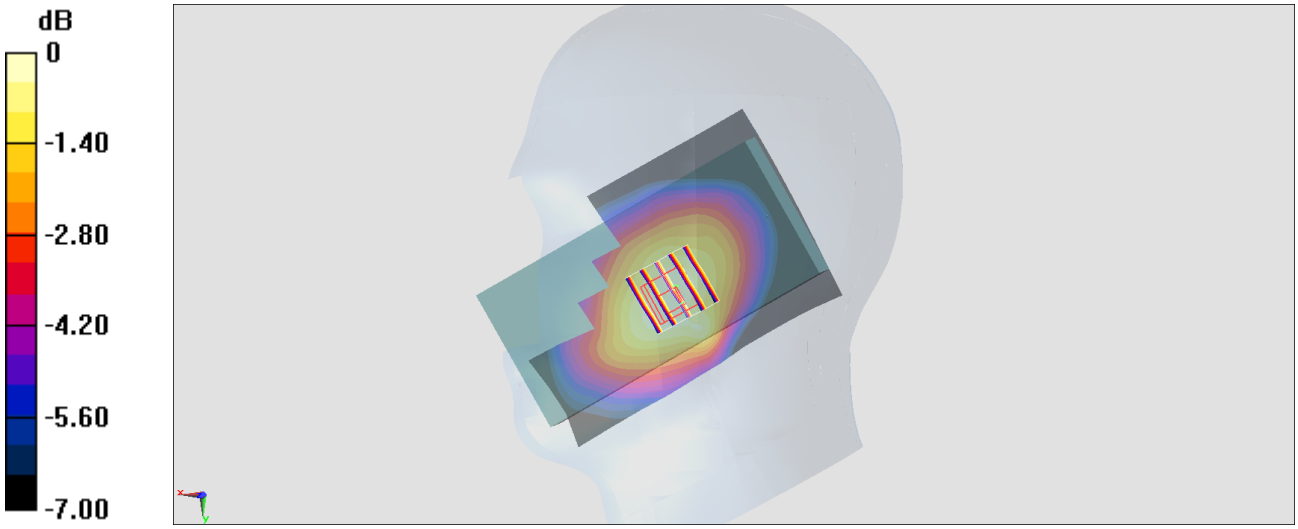
#07_LTE Band 5_10M_QPSK_1_25_Right Cheek_Ch20525

Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_190706 Medium parameters used : f = 836.5 MHz; σ = 0.878 S/m; ε_r = 40.801; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(6.42, 6.42, 6.42) @ 836.5 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.141 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.502 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.165 W/kg
SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.103 W/kg
Maximum value of SAR (measured) = 0.143 W/kg



0 dB = 0.141 W/kg = -8.51 dBW/kg

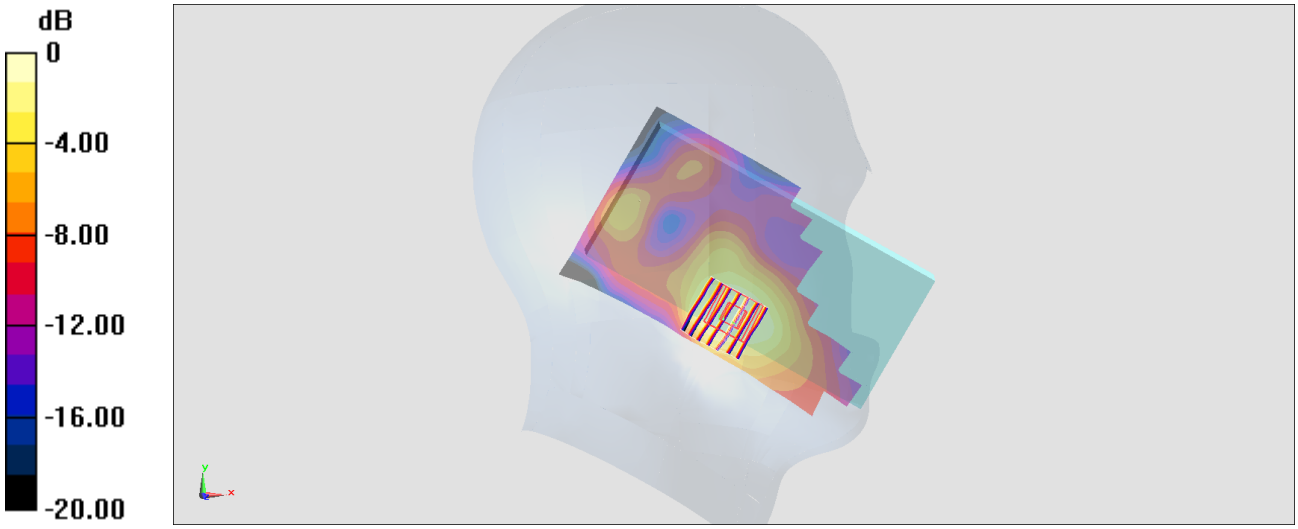
#08_LTE Band 7_20M_QPSK_1_99_Left Cheek_Ch21100

Communication System: LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_190708 Medium parameters used : f = 2535 MHz; σ = 1.893 S/m; ε_r = 38.271; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(7.3, 7.3, 7.3) @ 2535 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.697 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.41 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.782 W/kg
SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.242 W/kg
Maximum value of SAR (measured) = 0.640 W/kg



0 dB = 0.697 W/kg = -1.57 dBW/kg

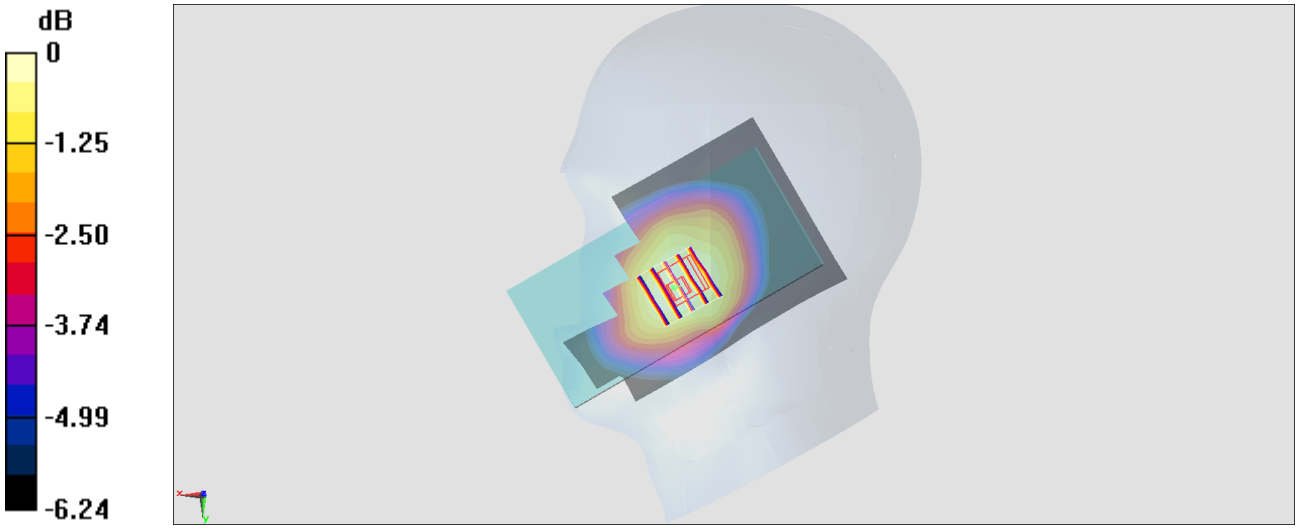
#09_LTE Band 17_10M_QPSK_1_49_Right Cheek_Ch23790

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_190706 Medium parameters used: f = 710 MHz; σ = 0.859 S/m; ε_r = 43.873; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(6.68, 6.68, 6.68) @ 710 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0578 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.402 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0620 W/kg
SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.044 W/kg
Maximum value of SAR (measured) = 0.0579 W/kg



0 dB = 0.0579 W/kg = -12.37 dBW/kg

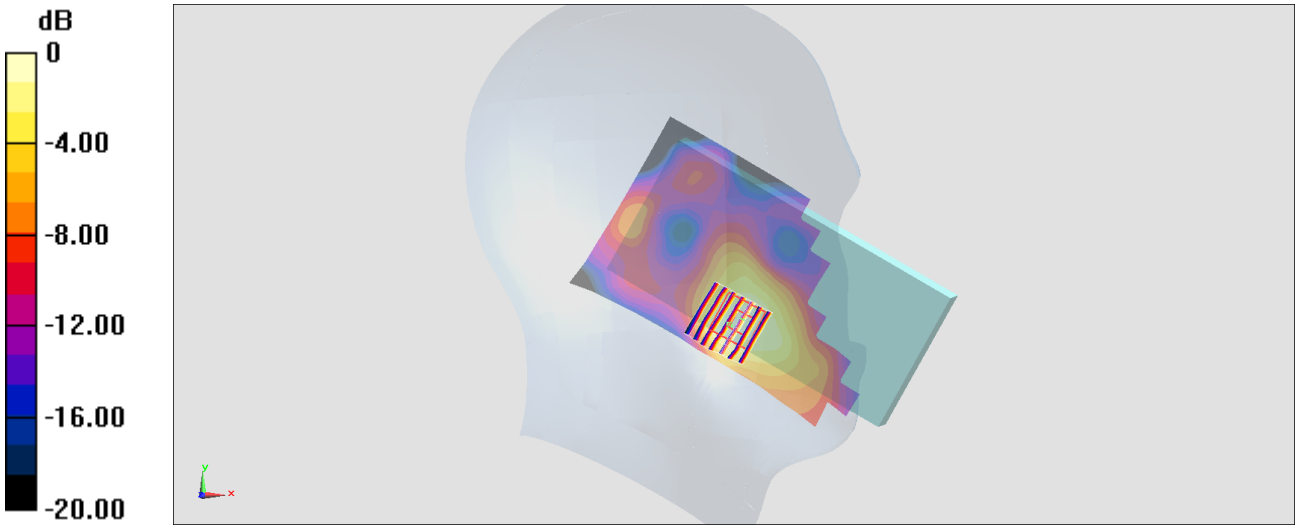
#10_LTE Band 41_20M_QPSK_1_0_Left Cheek_Ch40340

Communication System: LTE; Frequency: 2565 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_190708 Medium parameters used : f = 2565 MHz; σ = 1.934 S/m; ε_r = 38.237; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(7.3, 7.3, 7.3) @ 2565 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.517 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.300 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.548 W/kg
SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.176 W/kg
Maximum value of SAR (measured) = 0.454 W/kg



0 dB = 0.517 W/kg = -2.87 dBW/kg

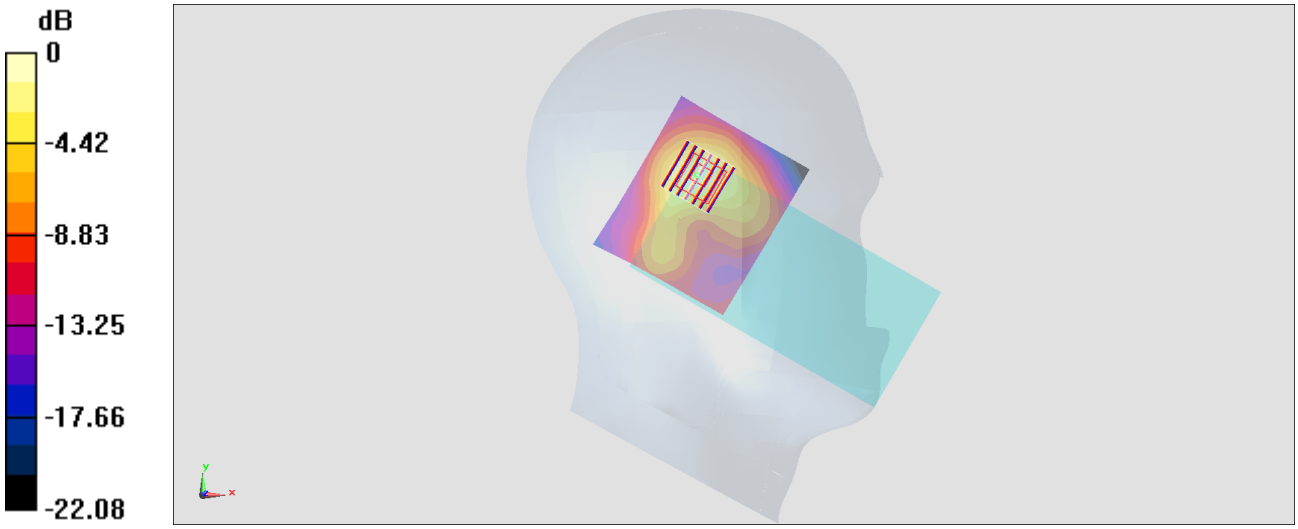
#11_WLAN2.4GHz_802.11b 1Mbps_Left Cheek _Ch6;Ant 2

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.008
Medium: HSL_2450_190709 Medium parameters used : f = 2437 MHz; σ = 1.798 S/m; ε_r = 38.645; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(7.54, 7.54, 7.54) @ 2437 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.638 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.81 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.833 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.193 W/kg
Maximum value of SAR (measured) = 0.665 W/kg



0 dB = 0.665 W/kg = -1.77 dBW/kg

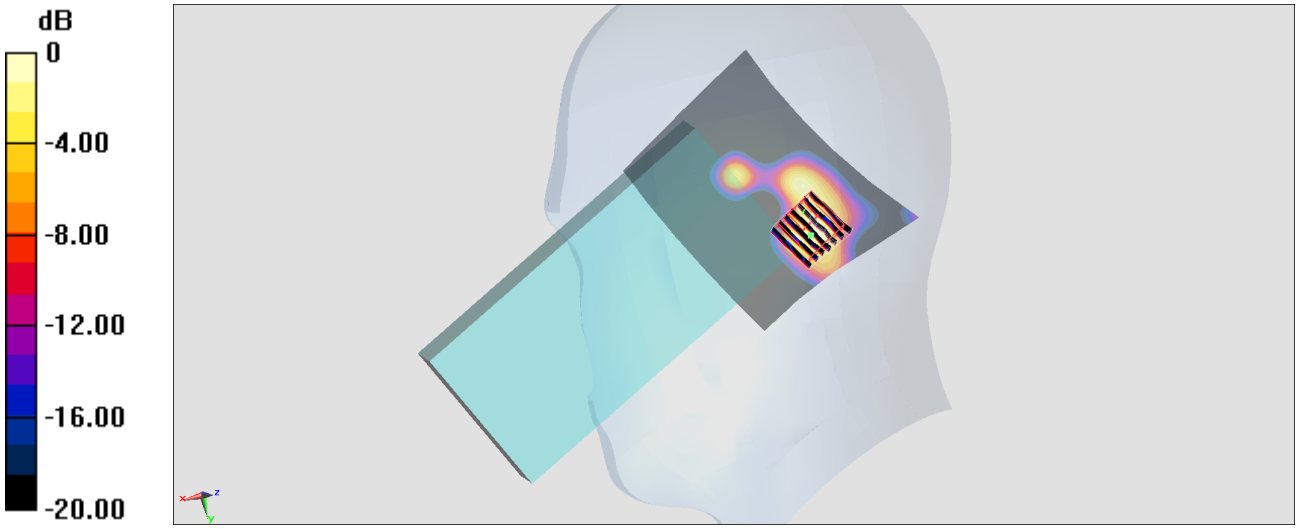
#12_WLAN5GHz_802.11n-HT40 MCS0_Right Tilted_Ch62;Ant 2

Communication System: 802.11n; Frequency: 5310 MHz;Duty Cycle: 1:1.122
Medium: HSL_5G_190710 Medium parameters used: f = 5310 MHz; σ = 4.658 S/m; ε_r = 36.737; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(5.12, 5.12, 5.12) @ 5310 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (101x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.124 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.064 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.016 W/kg
Maximum value of SAR (measured) = 0.109 W/kg



0 dB = 0.109 W/kg = -9.63 dBW/kg

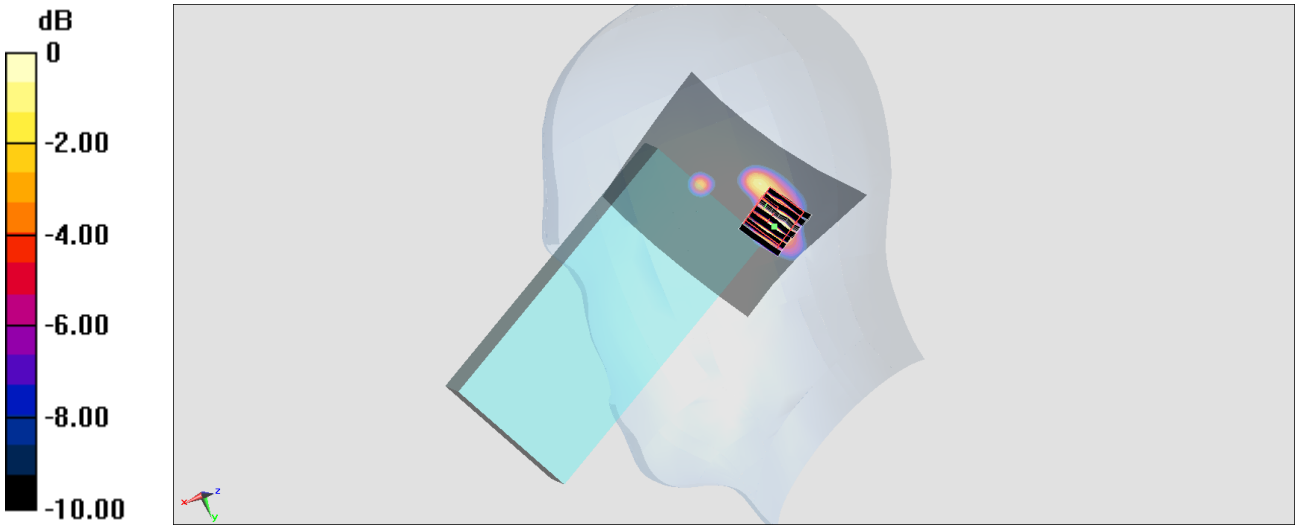
#13_WLAN5GHz_802.11n-HT40 MCS0_Right Tilted_Ch110

Communication System: 802.11n; Frequency: 5550 MHz;Duty Cycle: 1:1.122
Medium: HSL_5G_190710 Medium parameters used: f = 5550 MHz; σ = 4.899 S/m; ε_r = 36.416; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(4.47, 4.47, 4.47) @ 5550 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (101x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.144 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.322 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.193 W/kg
SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.019 W/kg
Maximum value of SAR (measured) = 0.127 W/kg



0 dB = 0.127 W/kg = -8.96 dBW/kg

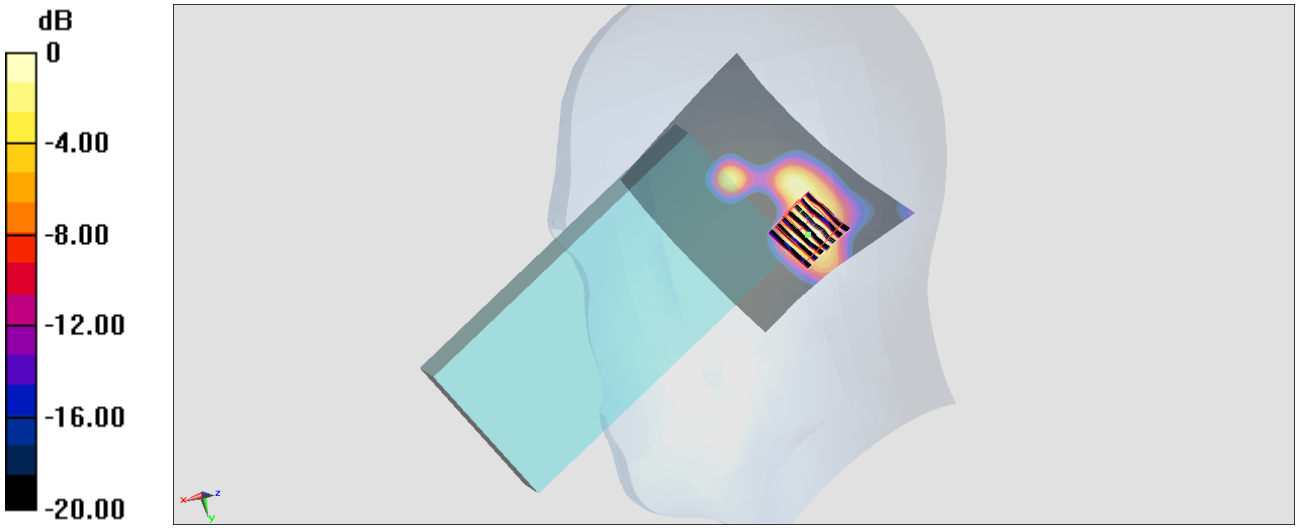
#14_WLAN5GHz_802.11n-HT40 MCS0_Right Tilted_Ch151

Communication System: 802.11n ; Frequency: 5755 MHz;Duty Cycle: 1:1.122
Medium: HSL_5G_190710 Medium parameters used : f = 5755 MHz; σ = 5.115 S/m; ε_r = 36.156; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(4.72, 4.72, 4.72) @ 5755 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (101x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.145 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.226 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.195 W/kg
SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.019 W/kg
Maximum value of SAR (measured) = 0.128 W/kg



0 dB = 0.128 W/kg = -8.93 dBW/kg

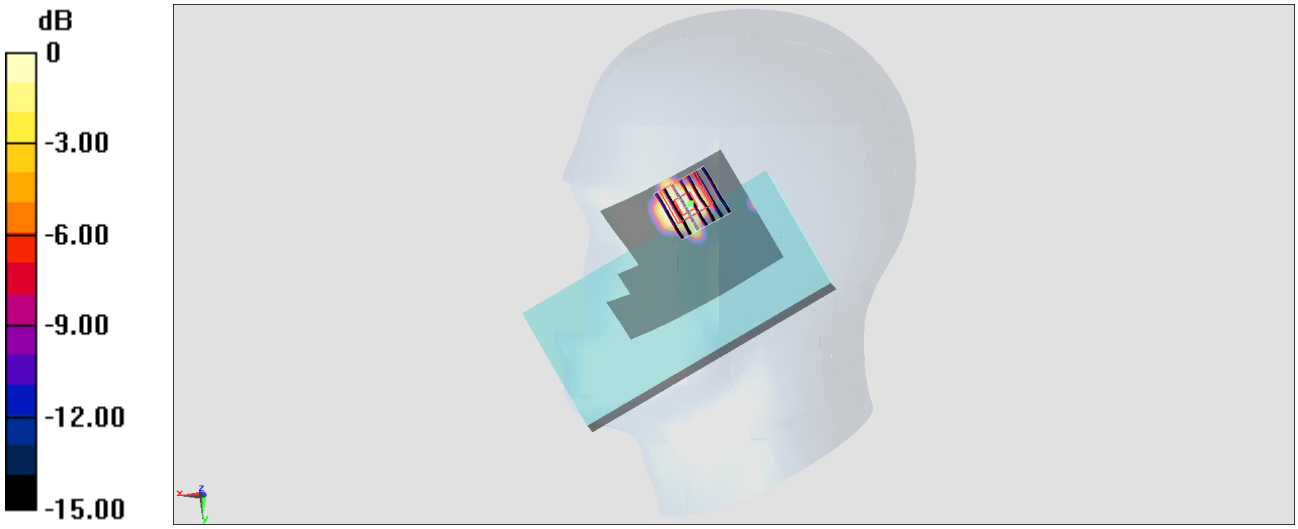
#15_Bluetooth_1Mbps_Right Cheek_Ch0;Ant 1

Communication System: Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1.297
Medium: HSL_2450_190709 Medium parameters used : f = 2402 MHz; σ = 1.767 S/m; ε_r = 38.78; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(7.54, 7.54, 7.54) @ 2402 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0449 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.064 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.0210 W/kg
SAR(1 g) = 0.00927 W/kg; SAR(10 g) = 0.00407 W/kg
Maximum value of SAR (measured) = 0.0170 W/kg



0 dB = 0.0170 W/kg = -17.70 dBW/kg

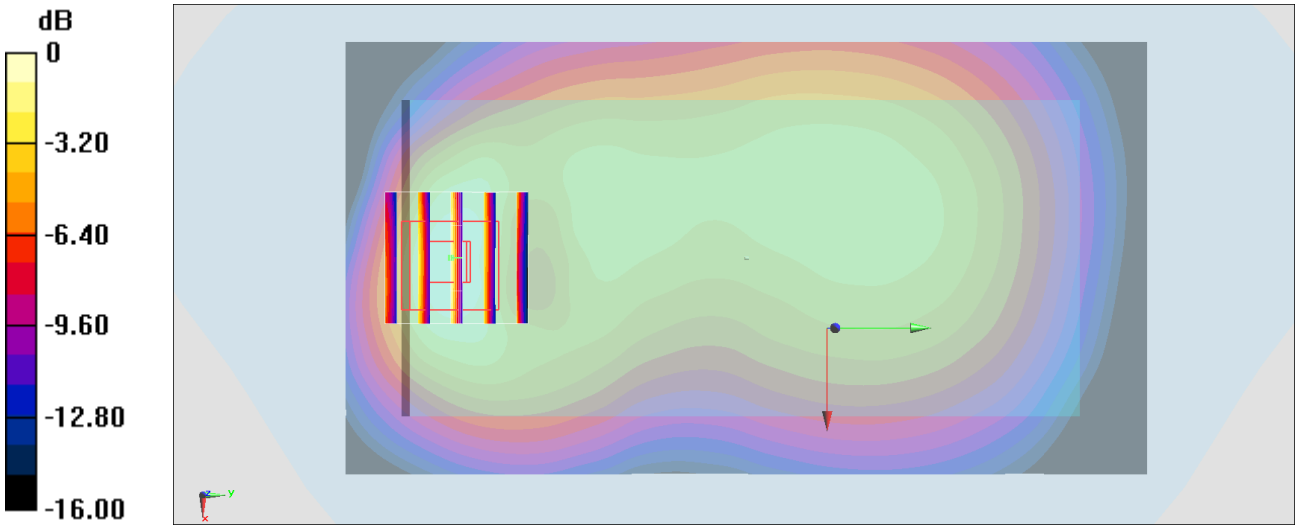
#16_GSM850_GPRS (1 Tx slots)_Back_10mm_Ch251

Communication System: GSM850 ; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_190706 Medium parameters used: f = 849 MHz; σ = 0.884 S/m; ε_r = 40.52; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(6.42, 6.42, 6.42) @ 848.8 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.444 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.61 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.668 W/kg
SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.206 W/kg
Maximum value of SAR (measured) = 0.482 W/kg



0 dB = 0.444 W/kg = -3.53 dBW/kg

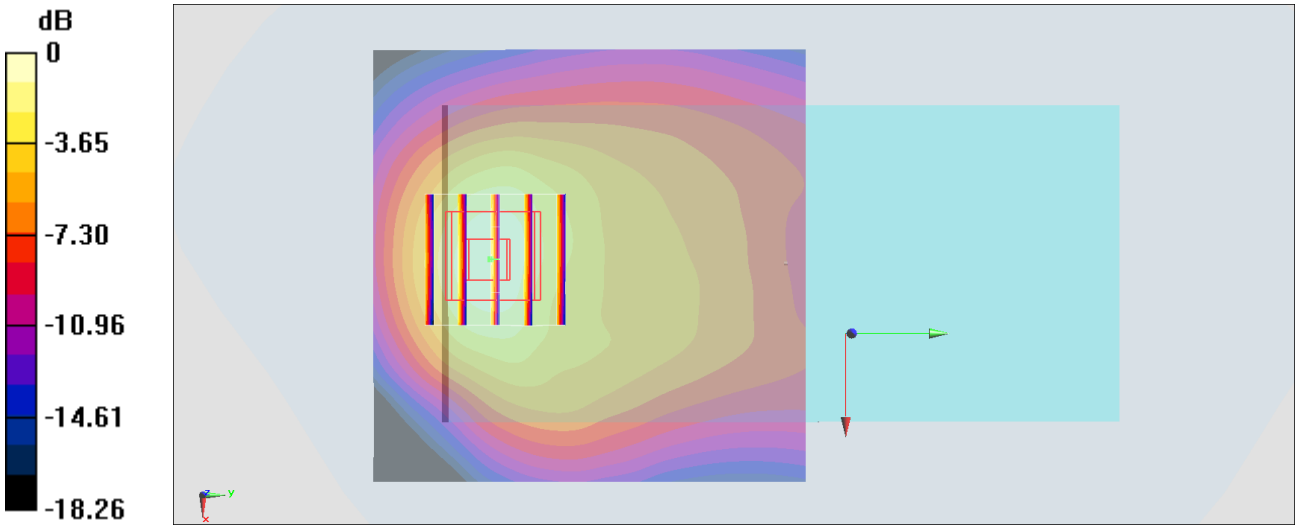
#17_GSM1900_GPRS (4 Tx slots)_Back_10mm_Ch512

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_190705 Medium parameters used : f = 1850.2 MHz; σ = 1.413 S/m; ε_r = 40.384; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(5.14, 5.14, 5.14) @ 1850.2 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.595 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.00 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.800 W/kg
SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.286 W/kg
Maximum value of SAR (measured) = 0.610 W/kg



0 dB = 0.610 W/kg = -2.15 dBW/kg

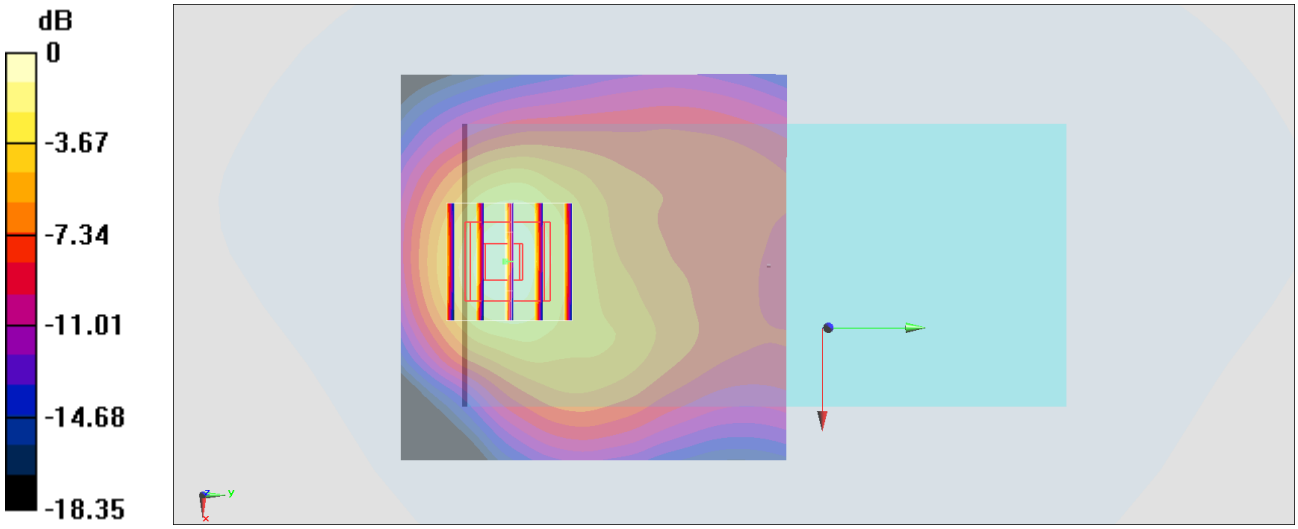
#18_WCDMA II_RMC 12.2Kbps_Back_10mm_Ch9400

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_190705 Medium parameters used: f = 1880 MHz; σ = 1.413 S/m; ε_r = 40.387; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(5.14, 5.14, 5.14) @ 1880 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.72 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.472 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

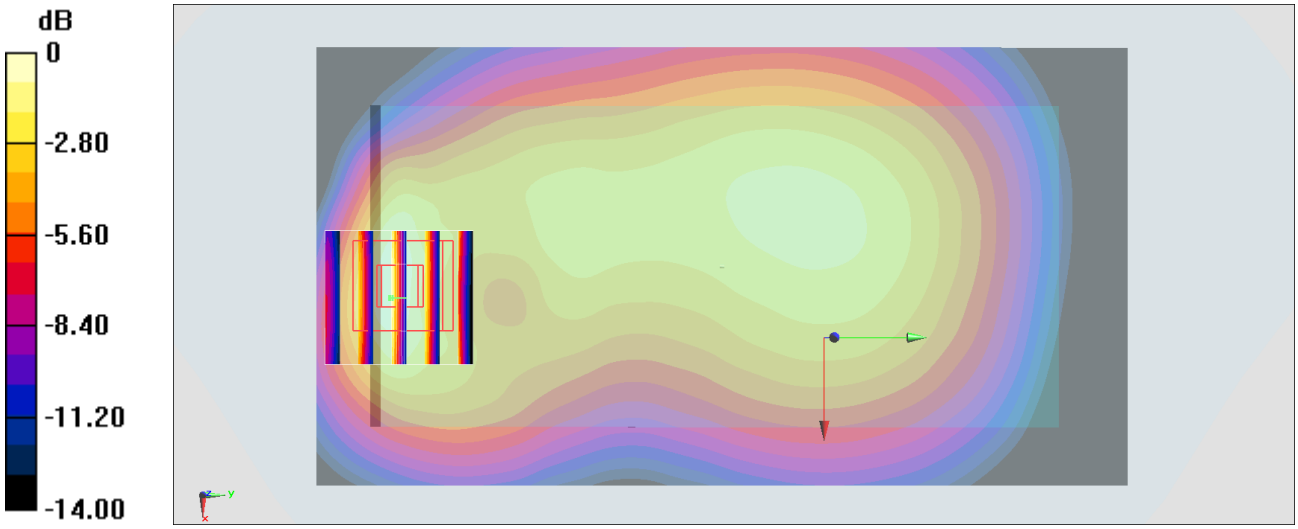
#19_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4182

Communication System: WCDMA ; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_190706 Medium parameters used : f = 836.4 MHz; σ = 0.878 S/m; ε_r = 40.818; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(6.42, 6.42, 6.42) @ 836.4 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): 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 = 19.68 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.710 W/kg
SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.208 W/kg
Maximum value of SAR (measured) = 0.476 W/kg



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

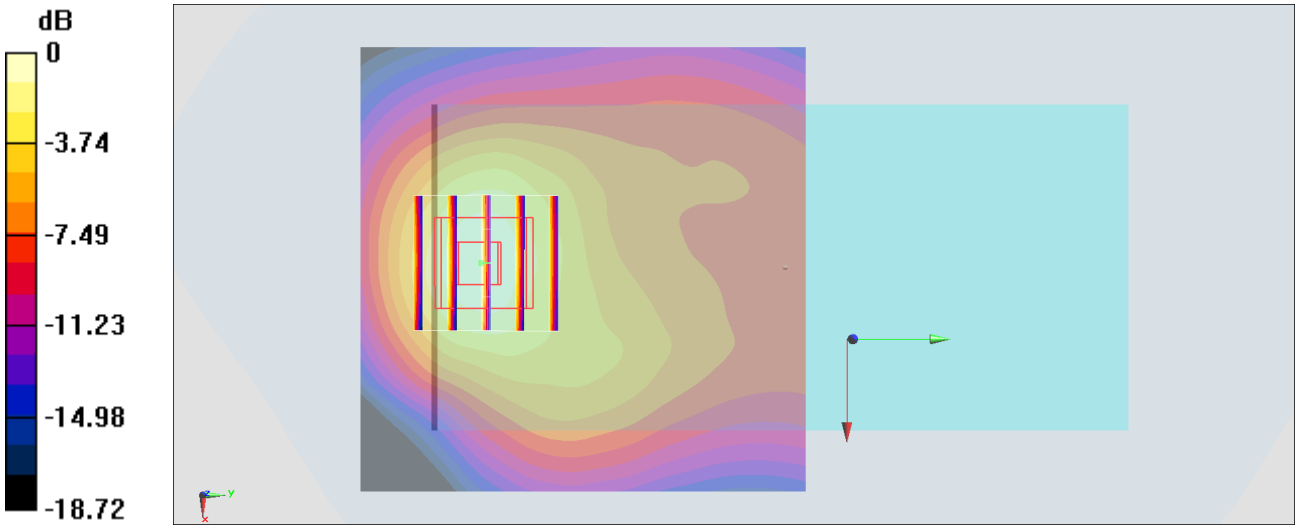
#20_LTE Band 2_20M_QPSK_1_0_Back_10mm_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_190705 Medium parameters used: f = 1900 MHz; σ = 1.413 S/m; ε_r = 40.386; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(5.14, 5.14, 5.14) @ 1900 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.50 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.873 W/kg; SAR(10 g) = 0.451 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

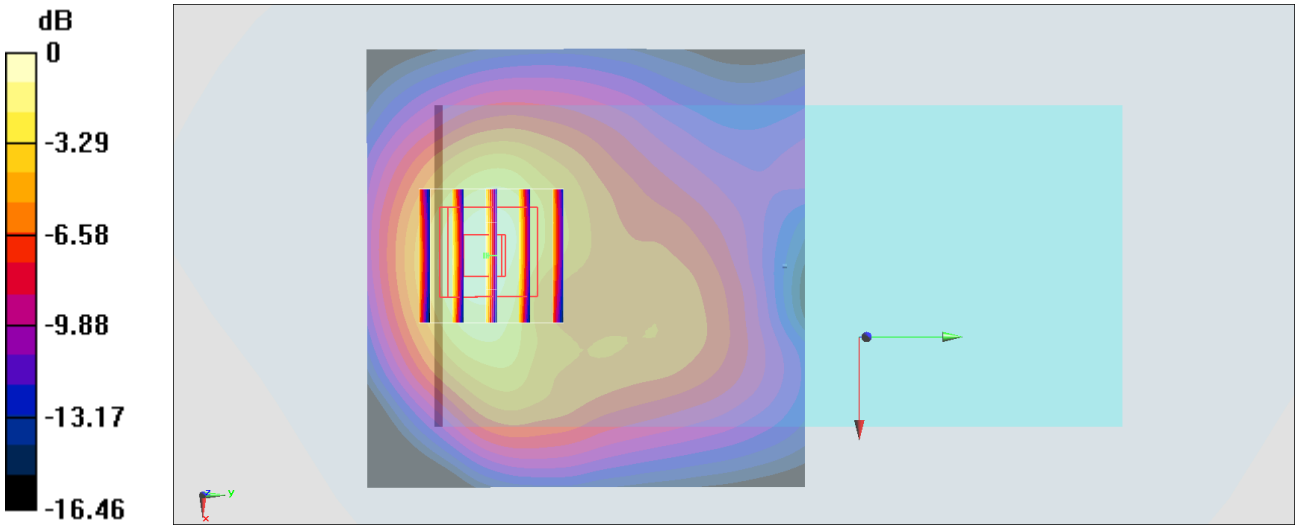
#21_LTE Band 4_20M_QPSK_1_49_Back_10mm_Ch20175

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_190705 Medium parameters used: f = 1733 MHz; σ = 1.361 S/m; ε_r = 39.168; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(5.34, 5.34, 5.34) @ 1732.5 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.637 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.29 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.841 W/kg
SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.310 W/kg
Maximum value of SAR (measured) = 0.650 W/kg



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

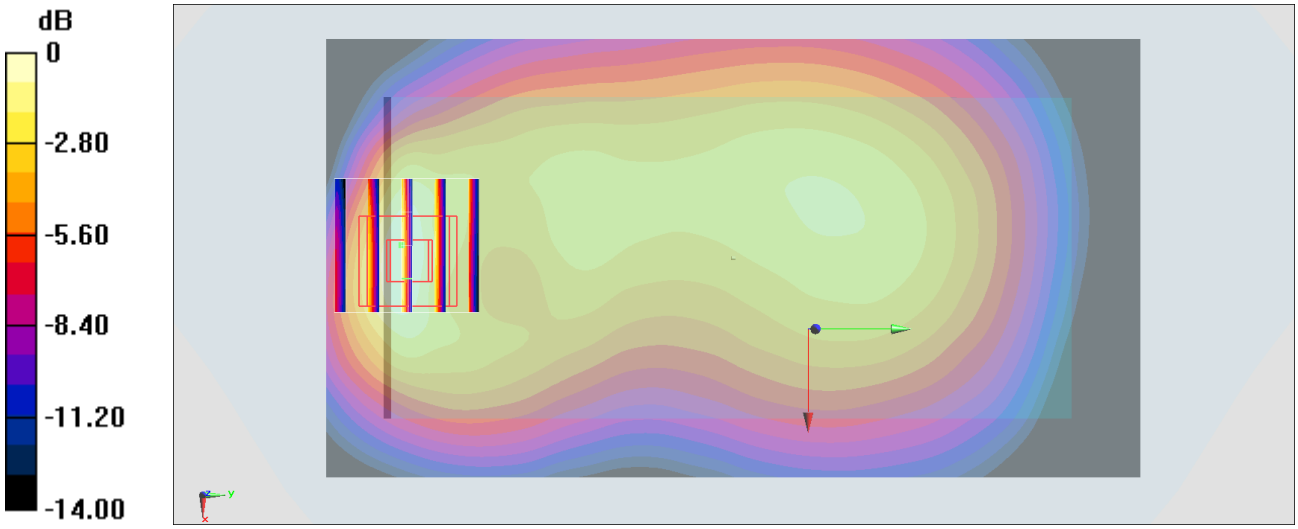
#22_LTE Band 5_10M_QPSK_1_25_Back_10mm_Ch20525

Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_190706 Medium parameters used : f = 836.5 MHz; σ = 0.878 S/m; ε_r = 40.801; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(6.42, 6.42, 6.42) @ 836.5 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): 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 = 17.03 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.557 W/kg
SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.171 W/kg
Maximum value of SAR (measured) = 0.380 W/kg



0 dB = 0.357 W/kg = -4.47 dBW/kg

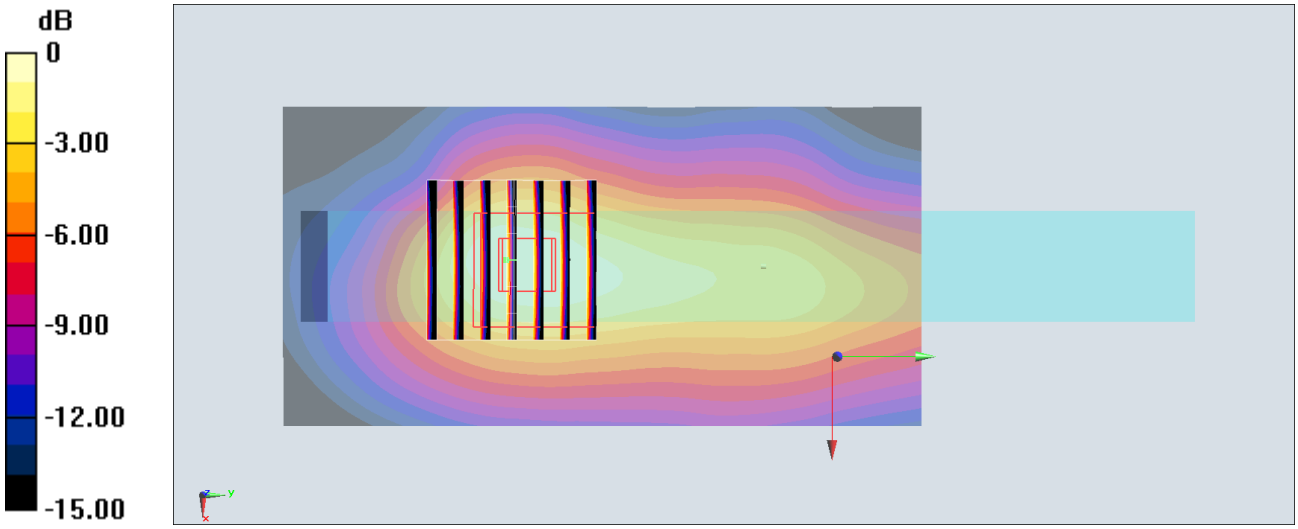
#23_LTE Band 7_20M_QPSK_1_99_Left Side_10mm_Ch21100

Communication System: LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_190708 Medium parameters used : f = 2535 MHz; σ = 1.893 S/m; ε_r = 38.271; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(7.3, 7.3, 7.3) @ 2535 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.00 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.80 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.595 W/kg; SAR(10 g) = 0.301 W/kg
Maximum value of SAR (measured) = 0.939 W/kg



0 dB = 0.939 W/kg = -0.27 dBW/kg

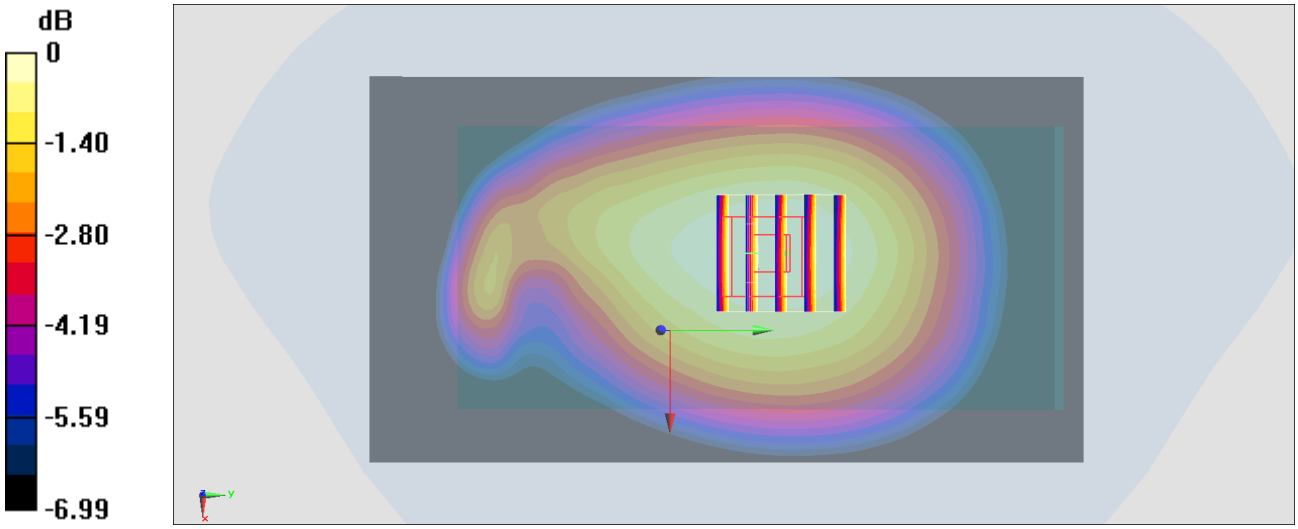
#24_LTE Band 17_10M_QPSK_1_49_Back_10mm_Ch23790

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_190706 Medium parameters used: f = 710 MHz; σ = 0.859 S/m; ε_r = 43.873; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(6.68, 6.68, 6.68) @ 710 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): 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 = 15.96 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.148 W/kg
Maximum value of SAR (measured) = 0.202 W/kg



0 dB = 0.202 W/kg = -6.95 dBW/kg

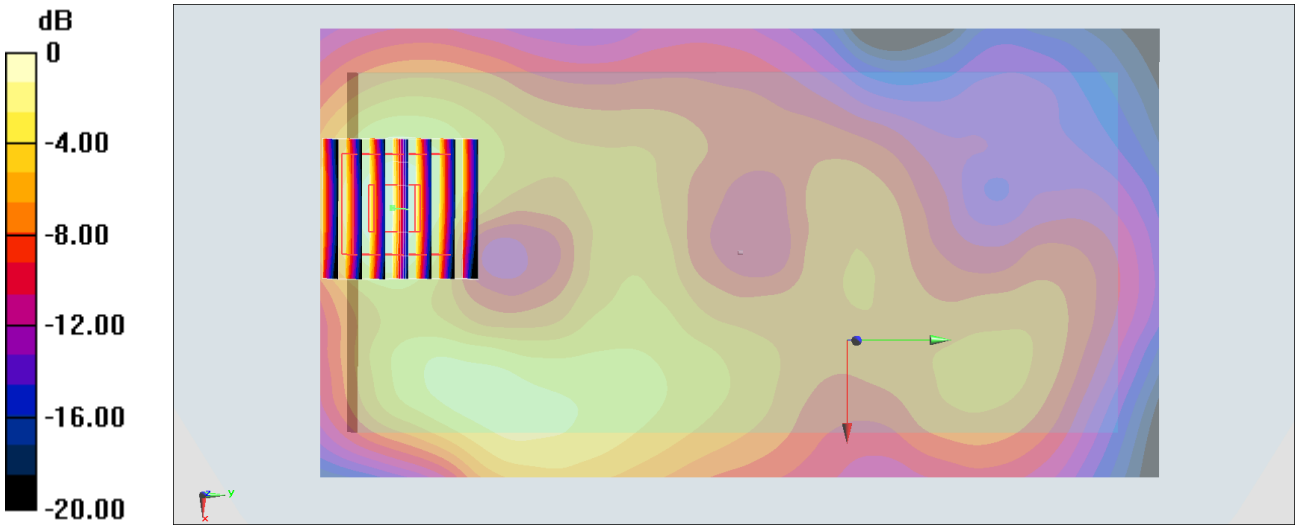
#25_LTE Band 41_20M_QPSK_1_0_Back_10mm_Ch41140

Communication System: LTE ; Frequency: 2645 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_190708 Medium parameters used : f = 2645 MHz; σ = 1.994 S/m; ε_r = 38.147; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(7.3, 7.3, 7.3) @ 2645 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.597 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.914 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.747 W/kg
SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.182 W/kg
Maximum value of SAR (measured) = 0.607 W/kg



0 dB = 0.607 W/kg = -2.17 dBW/kg

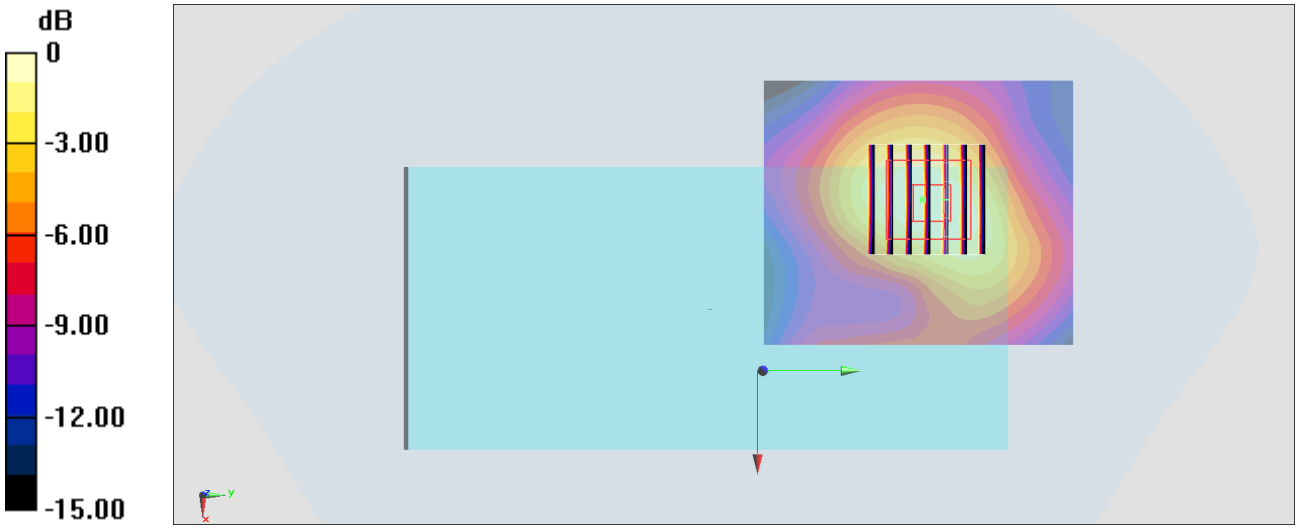
#26_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch6;Ant 2

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.008
Medium: HSL_2450_190709 Medium parameters used : f = 2437 MHz; σ = 1.798 S/m; ε_r = 38.645; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(7.54, 7.54, 7.54) @ 2437 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.330 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.66 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.398 W/kg
SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.109 W/kg
Maximum value of SAR (measured) = 0.317 W/kg



0 dB = 0.317 W/kg = -4.99 dBW/kg

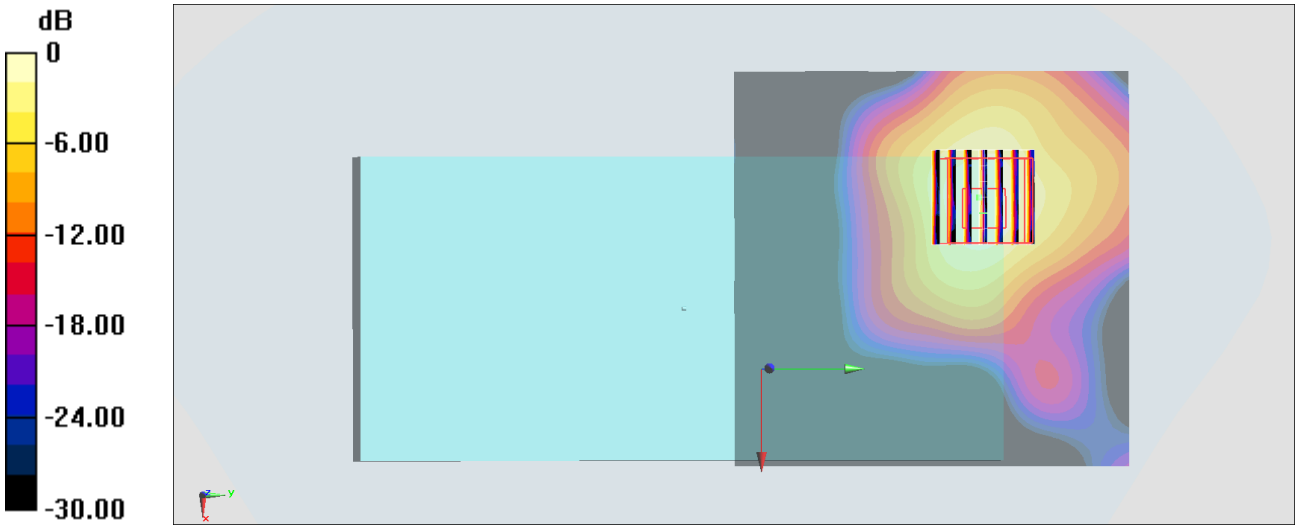
#27_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch46;Ant 2

Communication System: 802.11n; Frequency: 5230 MHz;Duty Cycle: 1:1.122
Medium: HSL_5G_190710 Medium parameters used: f = 5230 MHz; σ = 4.577 S/m; ε_r = 36.833; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(5.12, 5.12, 5.12) @ 5230 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.706 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.77 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.118 W/kg
Maximum value of SAR (measured) = 0.682 W/kg



0 dB = 0.682 W/kg = -1.66 dBW/kg

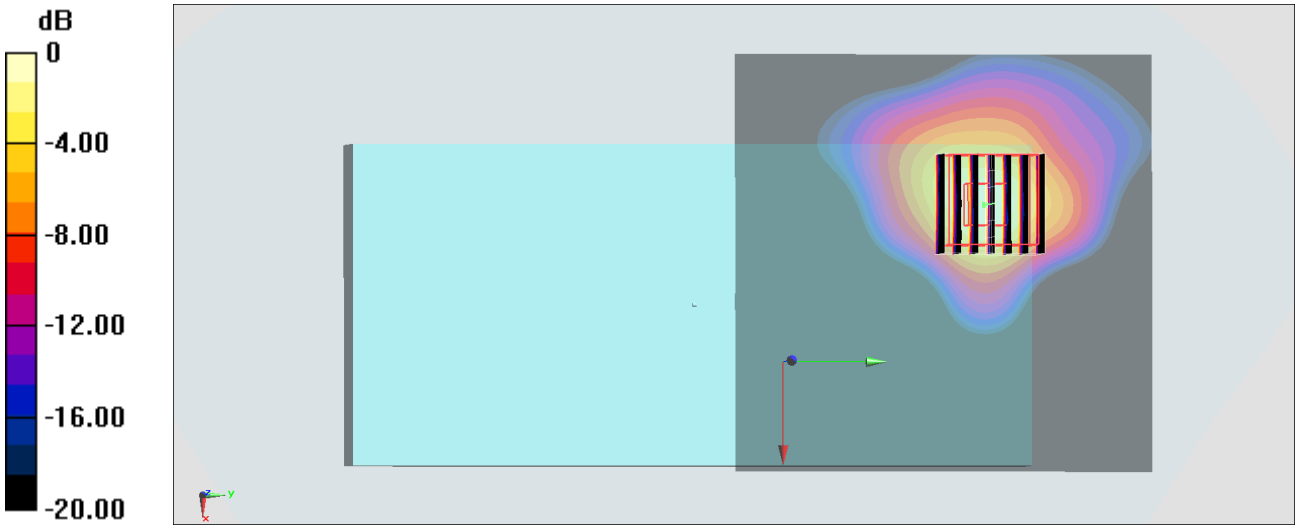
#28_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch151;Ant 2

Communication System: 802.11n; Frequency: 5755 MHz;Duty Cycle: 1:1.122
Medium: HSL_5G_190710 Medium parameters used : f = 5755 MHz; σ = 5.115 S/m; ε_r = 36.156; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(4.72, 4.72, 4.72) @ 5755 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.754 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.27 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.109 W/kg
Maximum value of SAR (measured) = 0.750 W/kg



0 dB = 0.754 W/kg = -1.23 dBW/kg

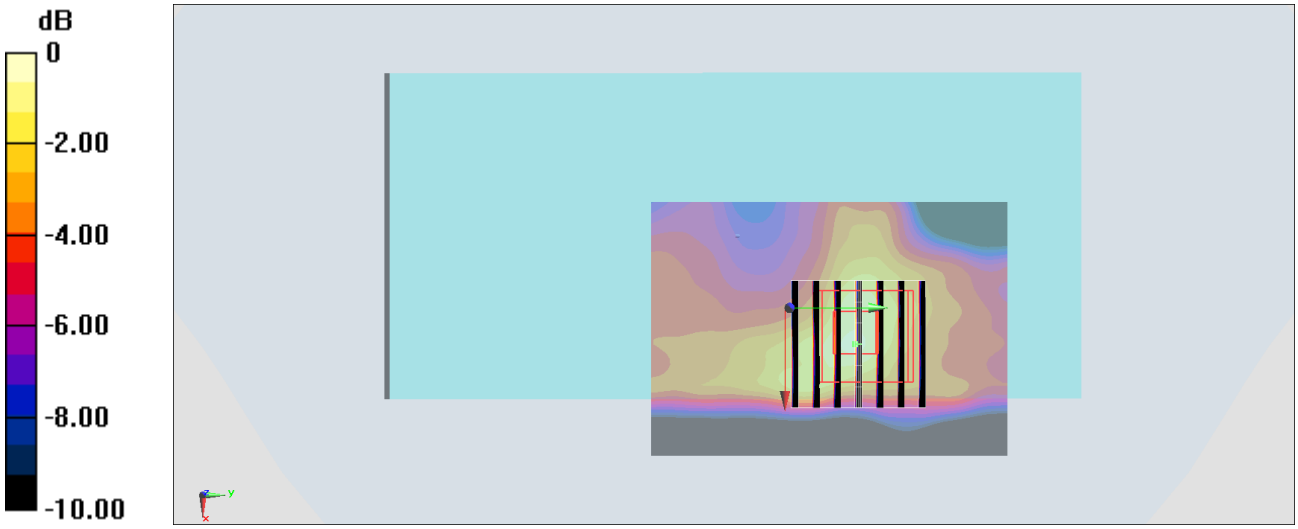
#29_Bluetooth_1Mbps_Back_10mm_Ch0;Ant 1

Communication System: Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1.297
Medium: HSL_2450_190709 Medium parameters used : f = 2402 MHz; σ = 1.767 S/m; ε_r = 38.78; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(7.54, 7.54, 7.54) @ 2402 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0261 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.811 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.0380 W/kg
SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00719 W/kg
Maximum value of SAR (measured) = 0.0289 W/kg



0 dB = 0.0289 W/kg = -15.39 dBW/kg

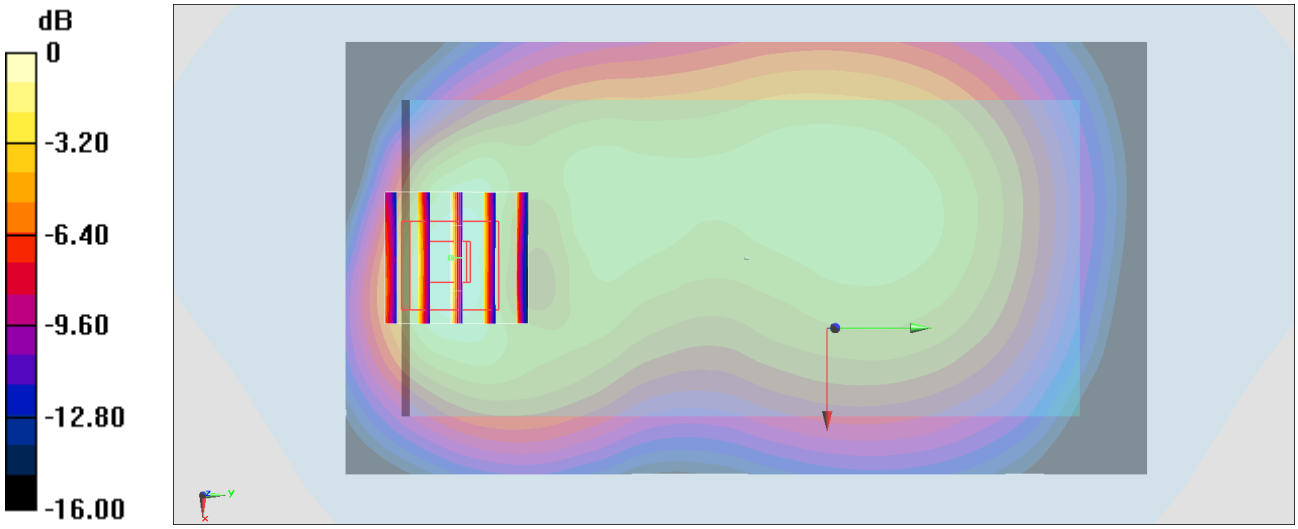
#30_GSM850_GPRS (1 Tx slots)_Back_10mm_Ch251

Communication System: GSM850 ; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_190706 Medium parameters used: f = 849 MHz; σ = 0.884 S/m; ε_r = 40.52; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(6.42, 6.42, 6.42) @ 848.8 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.444 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.61 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.668 W/kg
SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.206 W/kg
Maximum value of SAR (measured) = 0.482 W/kg



0 dB = 0.444 W/kg = -3.53 dBW/kg

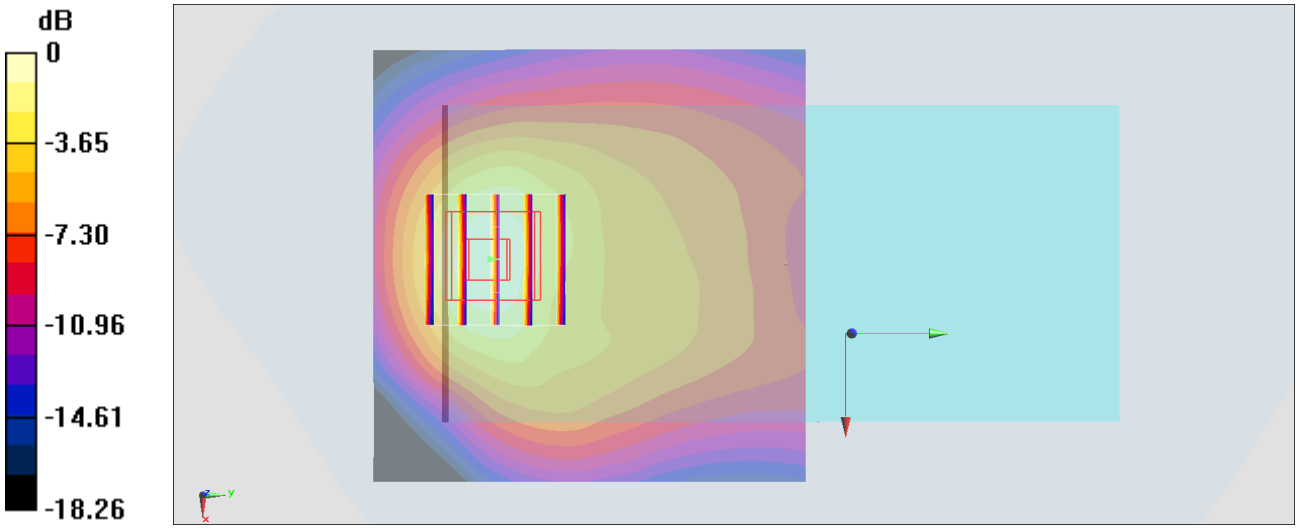
#31_GSM1900_GPRS (4 Tx slots)_Back_10mm_Ch512

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_190705 Medium parameters used : f = 1850.2 MHz; σ = 1.413 S/m; ε_r = 40.384; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(5.14, 5.14, 5.14) @ 1850.2 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.595 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.00 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.800 W/kg
SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.286 W/kg
Maximum value of SAR (measured) = 0.610 W/kg



0 dB = 0.610 W/kg = -2.15 dBW/kg

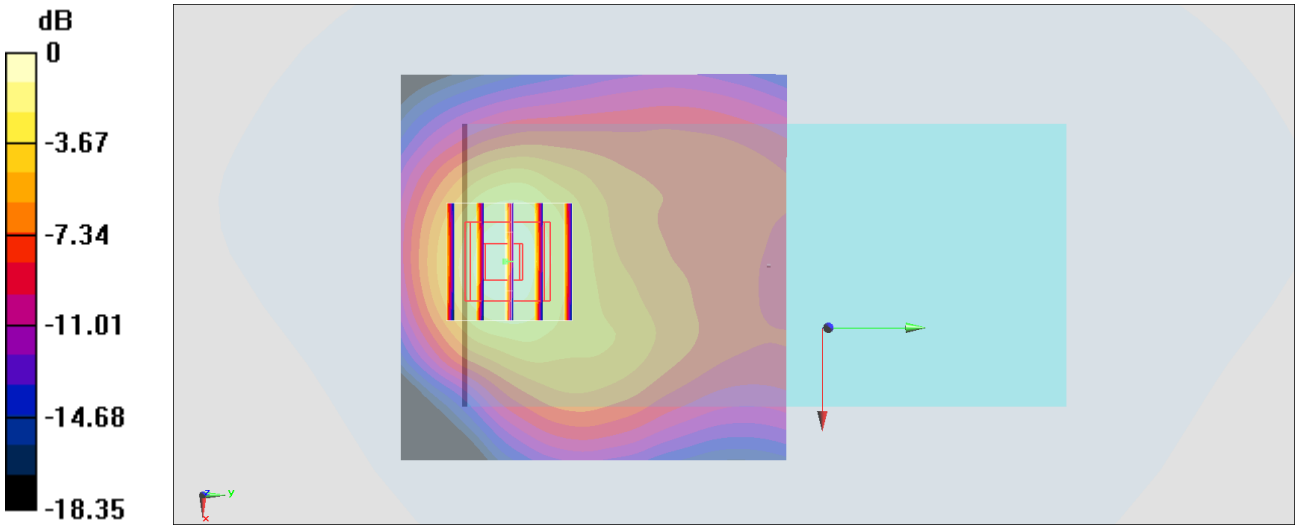
#32_WCDMA II_RMC 12.2Kbps_Back_10mm_Ch9400

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_190705 Medium parameters used: f = 1880 MHz; σ = 1.413 S/m; ε_r = 40.387; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(5.14, 5.14, 5.14) @ 1880 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.72 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.472 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

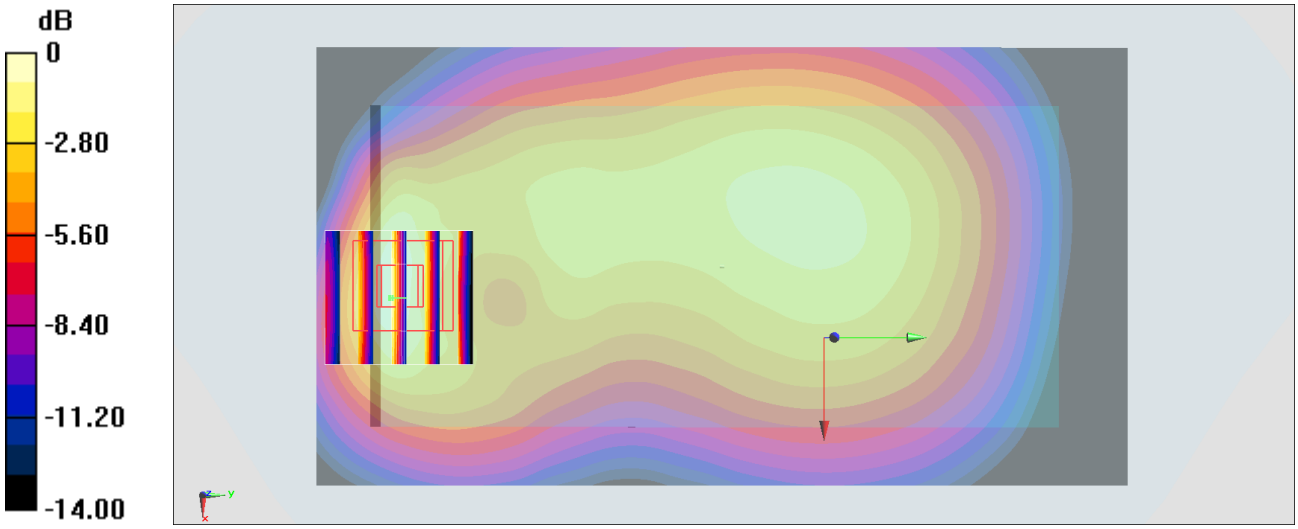
#33_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4182

Communication System: WCDMA ; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_190706 Medium parameters used : f = 836.4 MHz; σ = 0.878 S/m; ε_r = 40.818; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(6.42, 6.42, 6.42) @ 836.4 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): 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 = 19.68 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.710 W/kg
SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.208 W/kg
Maximum value of SAR (measured) = 0.476 W/kg



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

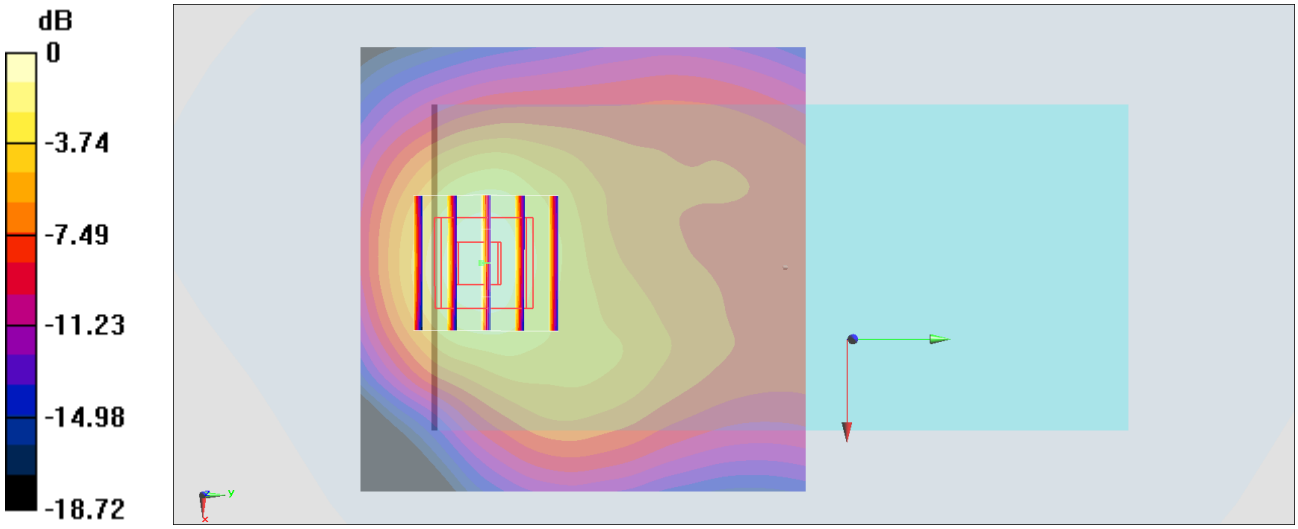
#34_LTE Band 2_20M_QPSK_1_0_Back_10mm_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_190705 Medium parameters used: f = 1900 MHz; σ = 1.413 S/m; ε_r = 40.386; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(5.14, 5.14, 5.14) @ 1900 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.50 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.873 W/kg; SAR(10 g) = 0.451 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

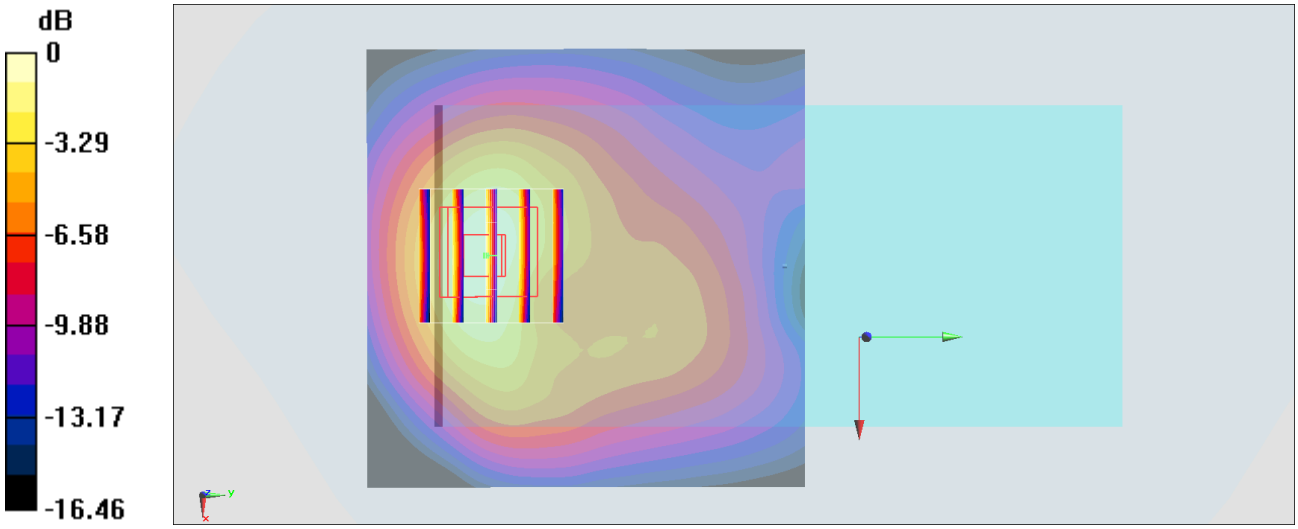
#35_LTE Band 4_20M_QPSK_1_49_Back_10mm_Ch20175

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_190705 Medium parameters used: f = 1733 MHz; σ = 1.361 S/m; ε_r = 39.168; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(5.34, 5.34, 5.34) @ 1732.5 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.637 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.29 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.841 W/kg
SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.310 W/kg
Maximum value of SAR (measured) = 0.650 W/kg



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

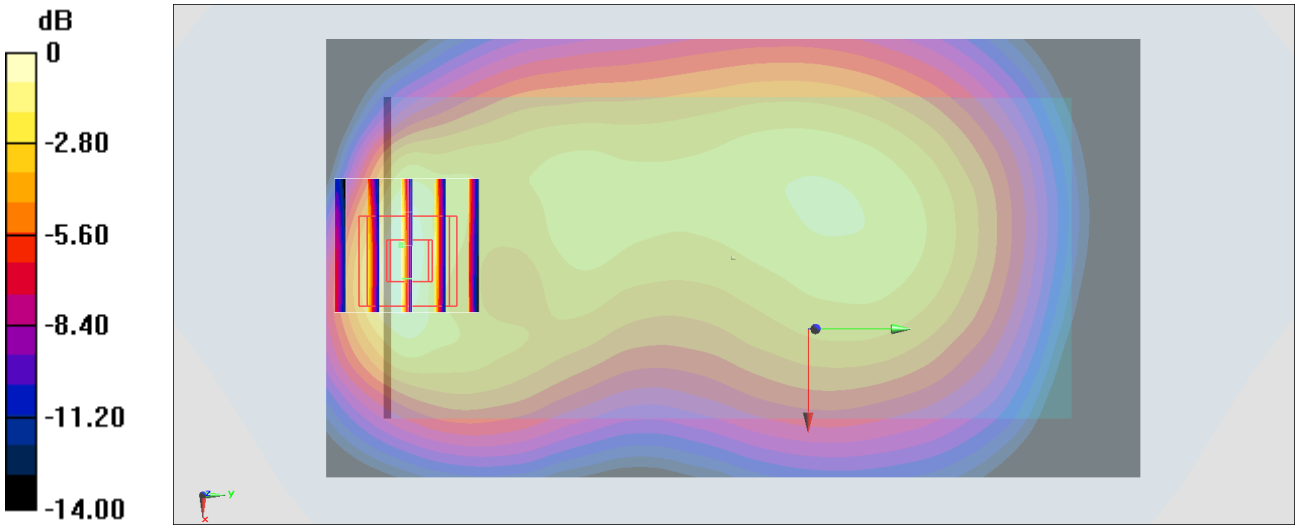
#36_LTE Band 5_10M_QPSK_1_25_Back_10mm_Ch20525

Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_190706 Medium parameters used : f = 836.5 MHz; σ = 0.878 S/m; ε_r = 40.801; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(6.42, 6.42, 6.42) @ 836.5 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): 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 = 17.03 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.557 W/kg
SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.171 W/kg
Maximum value of SAR (measured) = 0.380 W/kg



0 dB = 0.357 W/kg = -4.47 dBW/kg

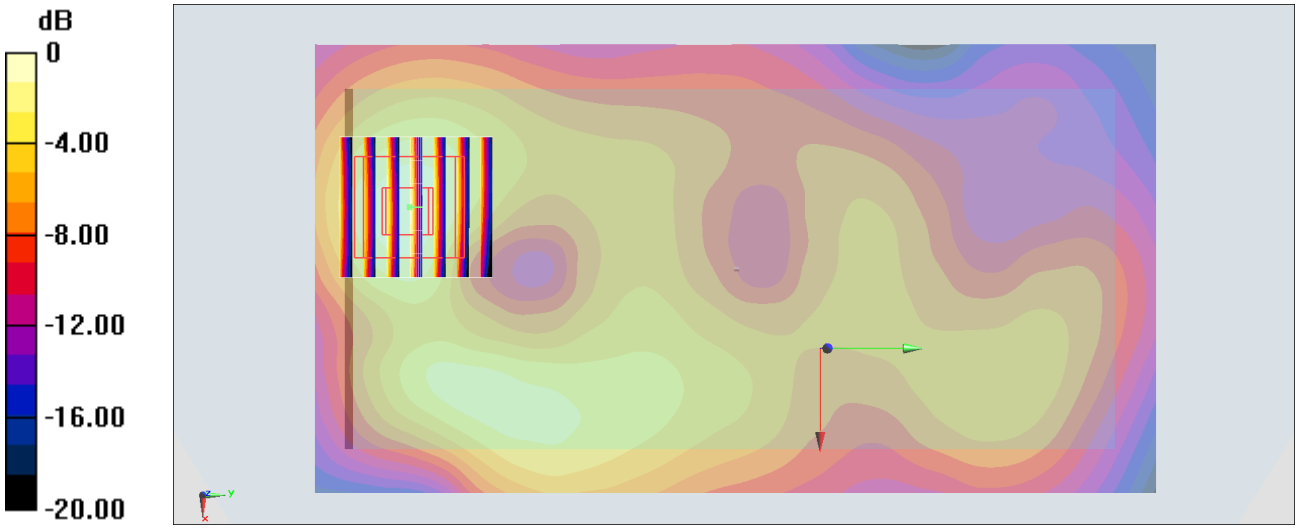
#37_LTE Band 7_20M_QPSK_1_99_Back_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_190708 Medium parameters used : f = 2560 MHz; σ = 1.923 S/m; ε_r = 38.221; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(7.3, 7.3, 7.3) @ 2560 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.850 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.97 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.528 W/kg; SAR(10 g) = 0.261 W/kg
Maximum value of SAR (measured) = 0.850 W/kg



0 dB = 0.850 W/kg = -0.71 dBW/kg

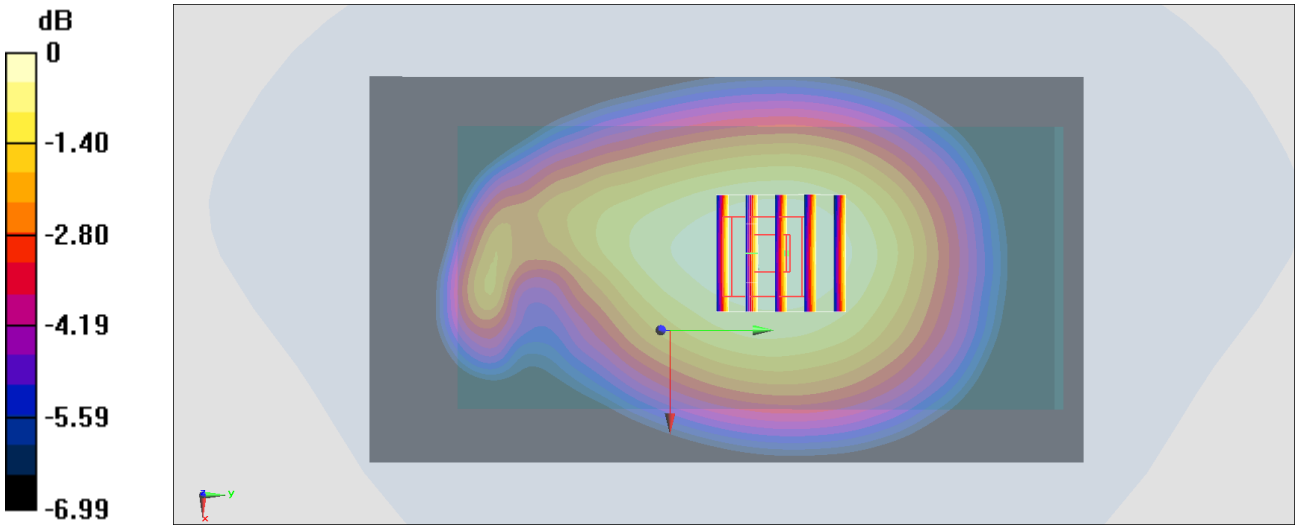
#38_LTE Band 17_10M_QPSK_1_49_Back_10mm_Ch23790

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_190706 Medium parameters used: f = 710 MHz; σ = 0.859 S/m; ε_r = 43.873; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3169;ConvF(6.68, 6.68, 6.68) @ 710 MHz;Calibrated: 2019/5/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x131x1): 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 = 15.96 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.148 W/kg
Maximum value of SAR (measured) = 0.202 W/kg



0 dB = 0.202 W/kg = -6.95 dBW/kg

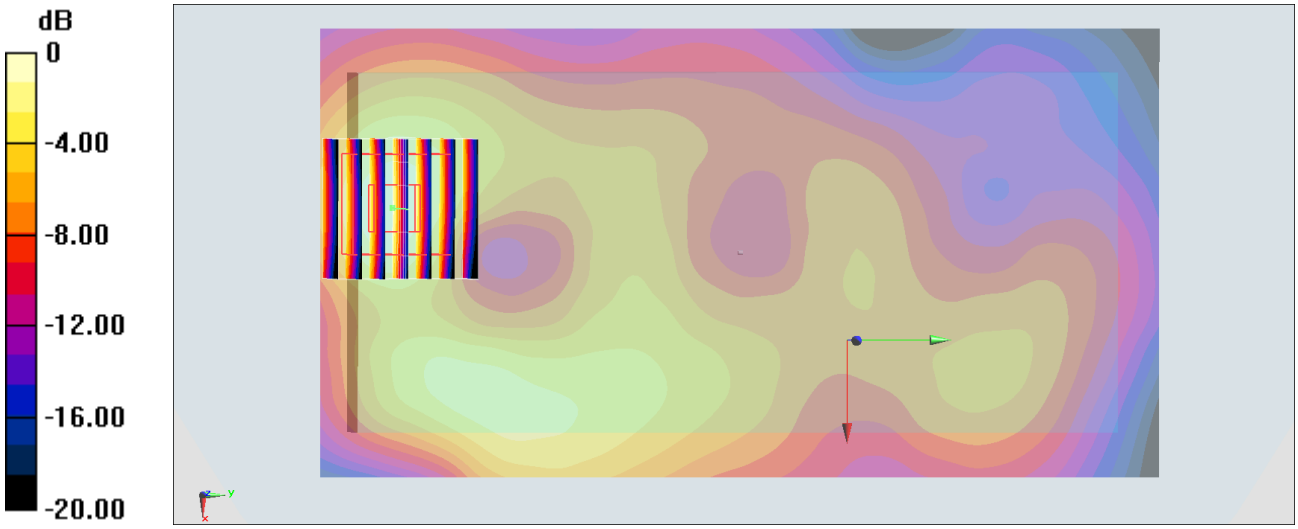
#39_LTE Band 41_20M_QPSK_1_0_Back_10mm_Ch41140

Communication System: LTE ; Frequency: 2645 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_190708 Medium parameters used : f = 2645 MHz; σ = 1.994 S/m; ε_r = 38.147; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(7.3, 7.3, 7.3) @ 2645 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.597 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.914 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.747 W/kg
SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.182 W/kg
Maximum value of SAR (measured) = 0.607 W/kg



0 dB = 0.607 W/kg = -2.17 dBW/kg

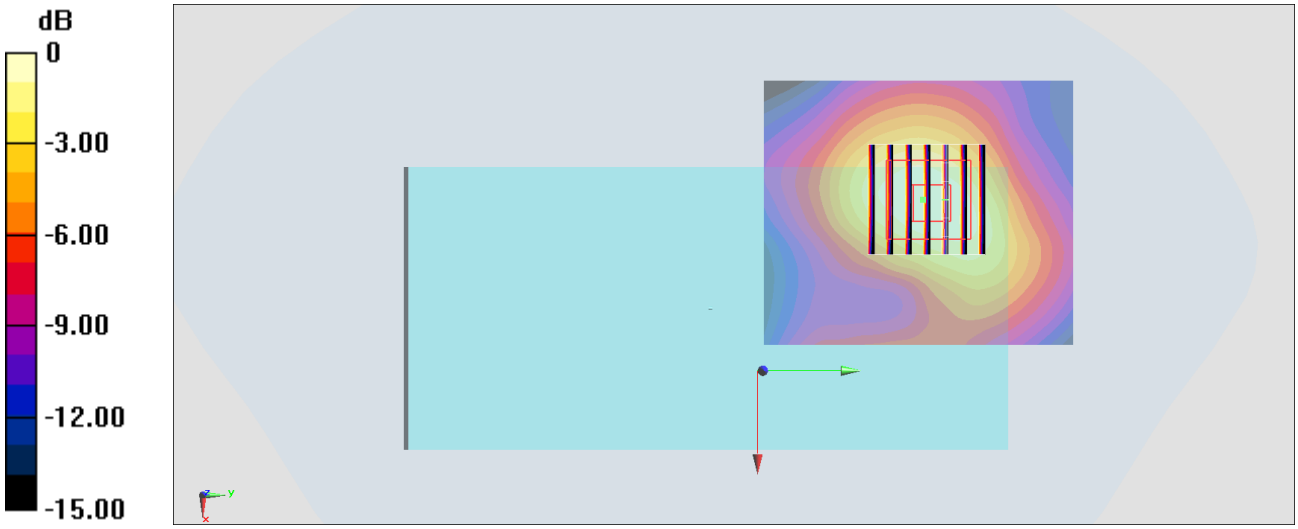
#40_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch6;Ant 2

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.008
Medium: HSL_2450_190709 Medium parameters used : f = 2437 MHz; σ = 1.798 S/m; ε_r = 38.645; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(7.54, 7.54, 7.54) @ 2437 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.330 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.66 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.398 W/kg
SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.109 W/kg
Maximum value of SAR (measured) = 0.317 W/kg



0 dB = 0.317 W/kg = -4.99 dBW/kg

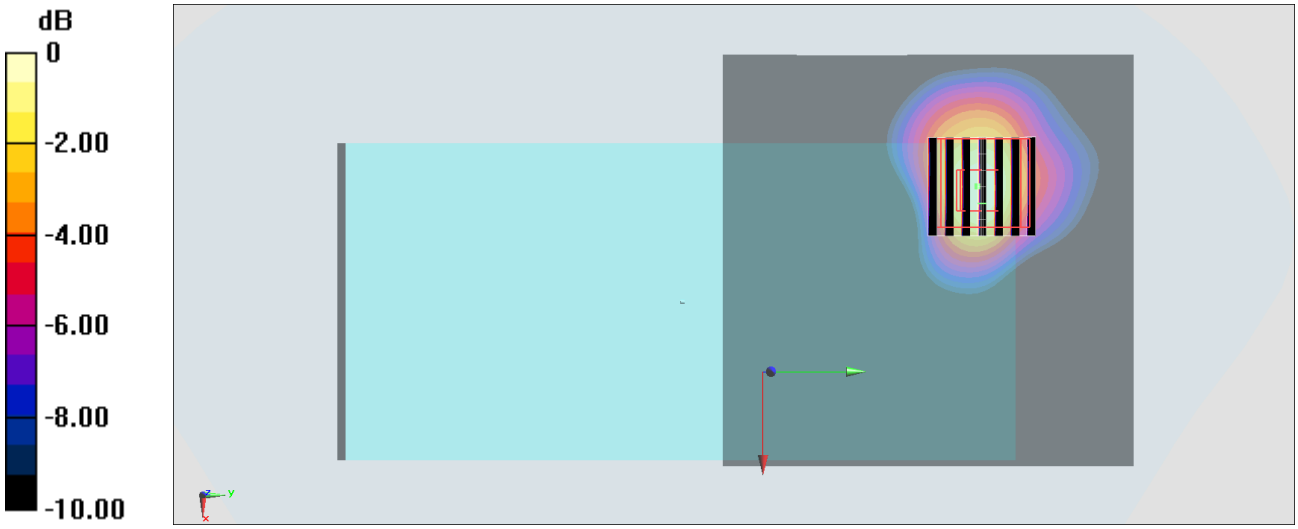
#41_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch62;Ant 2

Communication System: 802.11n ; Frequency: 5310 MHz;Duty Cycle: 1:1.122
Medium: HSL_5G_190710 Medium parameters used: f = 5310 MHz; σ = 4.658 S/m; ε_r = 36.737; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(5.12, 5.12, 5.12) @ 5310 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (101x101x1): 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 = 13.09 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.121 W/kg
Maximum value of SAR (measured) = 0.730 W/kg



0 dB = 0.730 W/kg = -1.37 dBW/kg

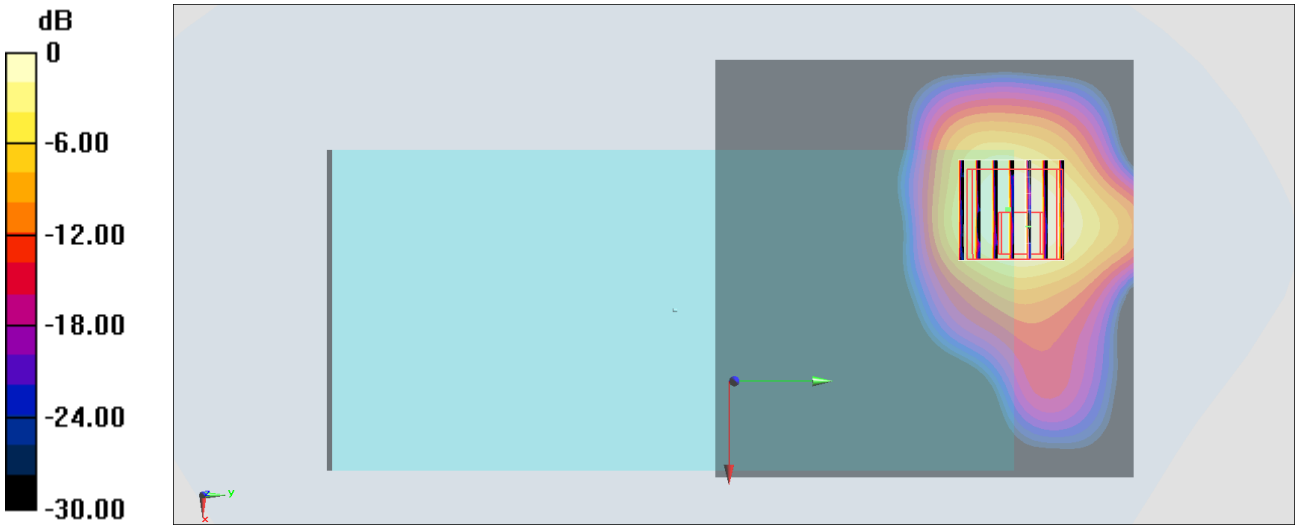
#42_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch110;Ant 2

Communication System: 802.11n ; Frequency: 5550 MHz;Duty Cycle: 1:1.122
Medium: HSL_5G_190710 Medium parameters used: f = 5550 MHz; σ = 4.899 S/m; ε_r = 36.416; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(4.47, 4.47, 4.47) @ 5550 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.738 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.18 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.926 W/kg
SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.563 W/kg



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

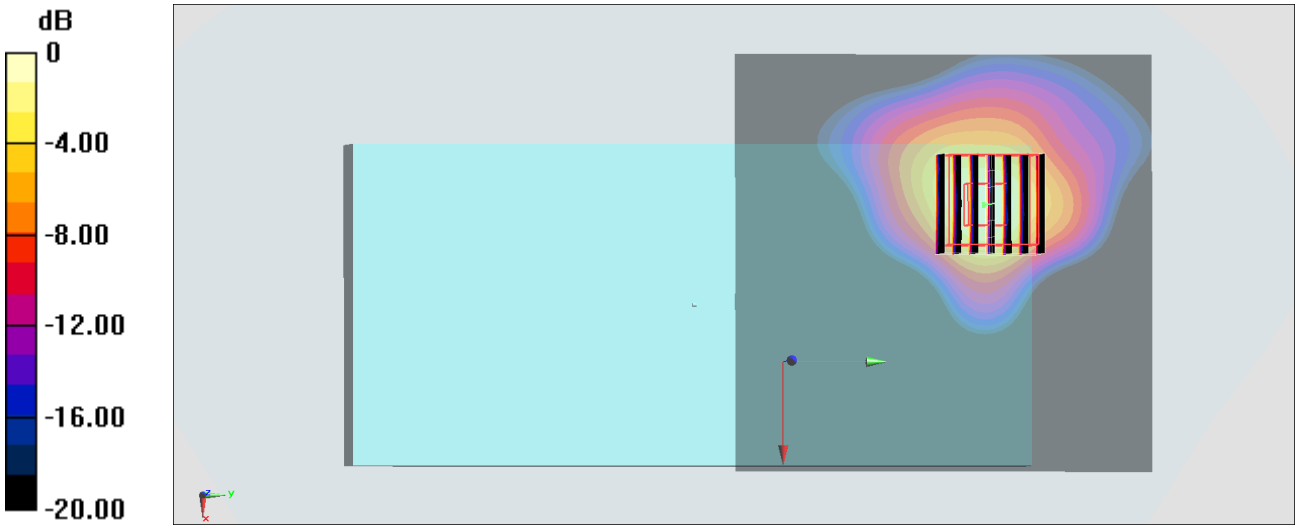
#43_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch151;Ant 2

Communication System: 802.11n; Frequency: 5755 MHz;Duty Cycle: 1:1.122
Medium: HSL_5G_190710 Medium parameters used : f = 5755 MHz; σ = 5.115 S/m; ε_r = 36.156; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(4.72, 4.72, 4.72) @ 5755 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.754 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.27 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.109 W/kg
Maximum value of SAR (measured) = 0.750 W/kg



0 dB = 0.754 W/kg = -1.23 dBW/kg

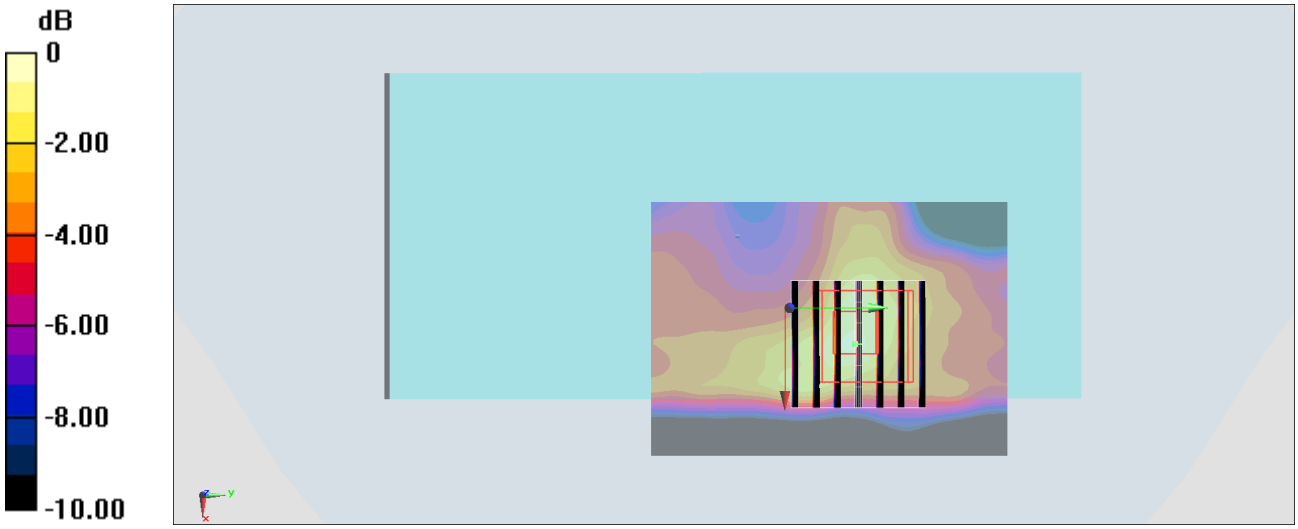
#44_Bluetooth_1Mbps_Back_10mm_Ch0;Ant 1

Communication System: Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1.297
Medium: HSL_2450_190709 Medium parameters used : f = 2402 MHz; σ = 1.767 S/m; ε_r = 38.78; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(7.54, 7.54, 7.54) @ 2402 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0261 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.811 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.0380 W/kg
SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00719 W/kg
Maximum value of SAR (measured) = 0.0289 W/kg



0 dB = 0.0289 W/kg = -15.39 dBW/kg

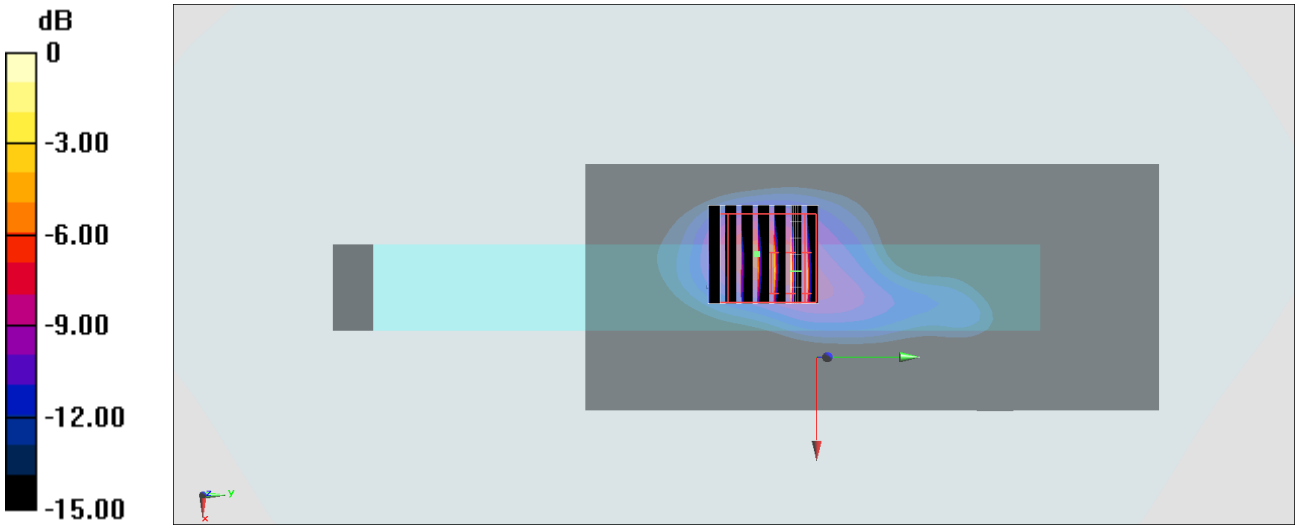
#45_WLAN5GHz_802.11n-HT40 MCS0_Left Side_0mm_Ch62

Communication System: 802.11n; Frequency: 5310 MHz;Duty Cycle: 1:1.102
Medium: HSL_5G_190710 Medium parameters used: f = 5310 MHz; σ = 4.658 S/m; ε_r = 36.737; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(5.12, 5.12, 5.12) @ 5310 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.473 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.892 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 3.55 W/kg
SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.156 W/kg
Maximum value of SAR (measured) = 2.10 W/kg



0 dB = 2.10 W/kg = 3.22 dBW/kg

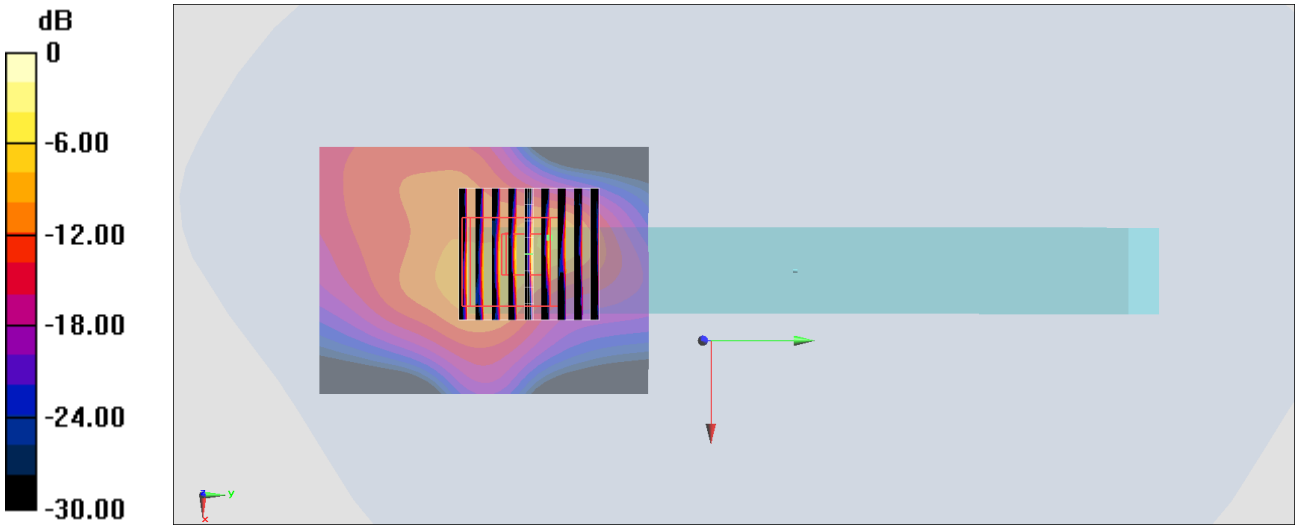
#46_WLAN5GHz_802.11n-HT40 MCS0_Right Side_0mm_Ch110;Ant 2

Communication System: 802.11n; Frequency: 5550 MHz;Duty Cycle: 1:1.122
Medium: HSL_5G_190710 Medium parameters used: f = 5550 MHz; σ = 4.899 S/m; ε_r = 36.416; ρ = 1000 kg/m^3
Ambient Temperature：23.8 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3931;ConvF(4.47, 4.47, 4.47) @ 5550 MHz;Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.265 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.04 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.81 W/kg
SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.110 W/kg
Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg = 1.70 dBW/kg