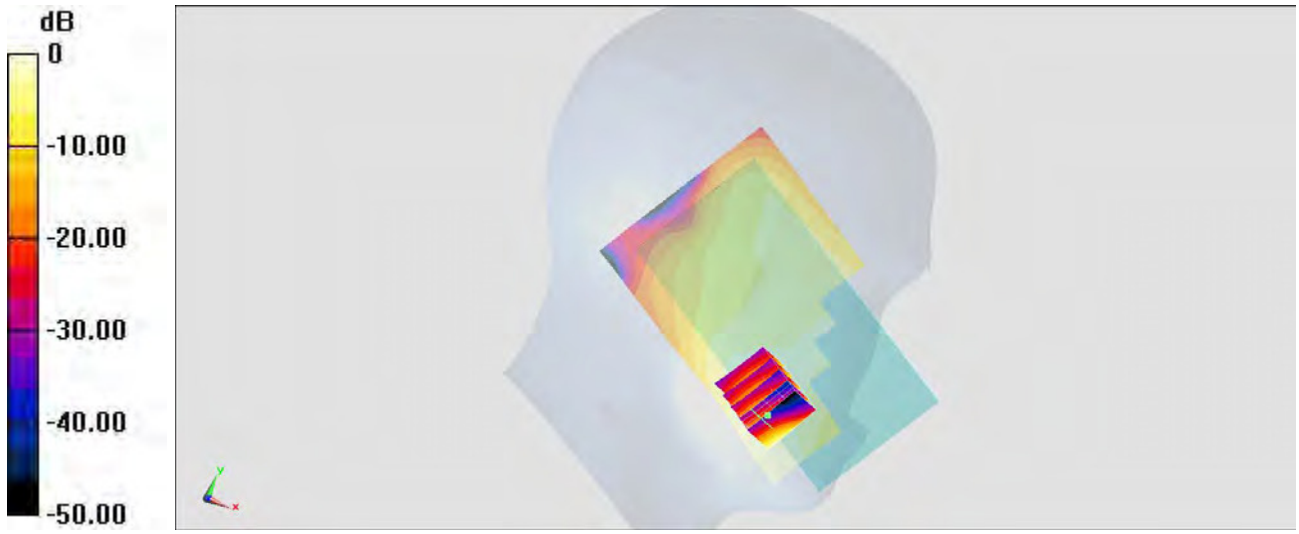
#01_GSM850_GPRS (4 Tx slots)_Left Cheek_Ch189

Communication System: GSM850 ; Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_160423 Medium parameters used : f = 836.4 MHz; σ = 0.887 S/m; ε_r = 40.626; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(9.96, 9.96, 9.96); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch189/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.217 W/kg

Configuration/Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.24 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.120 W/kg
Maximum value of SAR (measured) = 0.226 W/kg



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

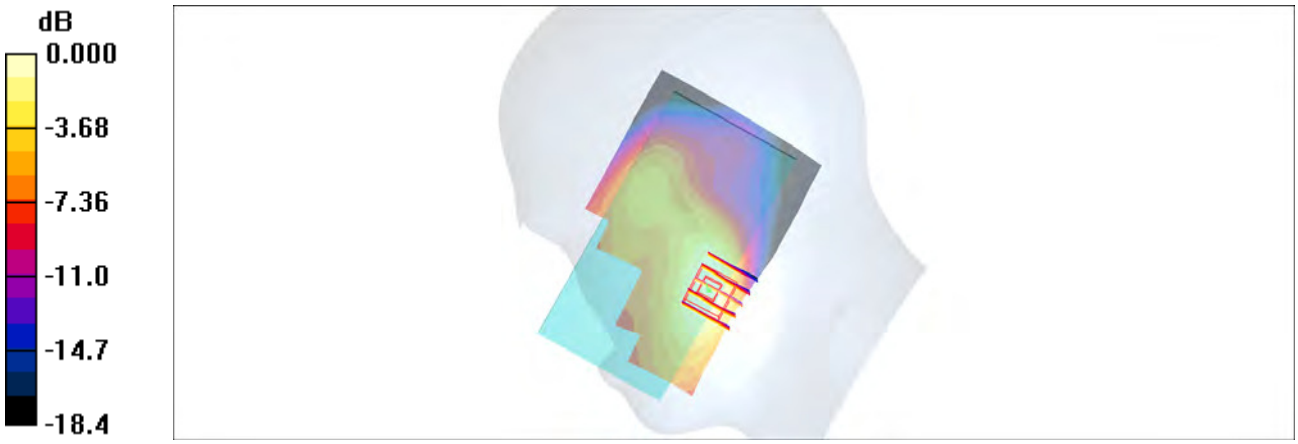
#02_GSM1900_GPRS (4 Tx slots)_Right Cheek_Ch810

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_160422 Medium parameters used: f = 1910 MHz; σ = 1.44 mho/m; ε_r = 41.1; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch810/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.334 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = -0.113 dB
Peak SAR (extrapolated) = 0.450 W/kg
SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.169 mW/g
Maximum value of SAR (measured) = 0.330 mW/g



0 dB = 0.330mW/g

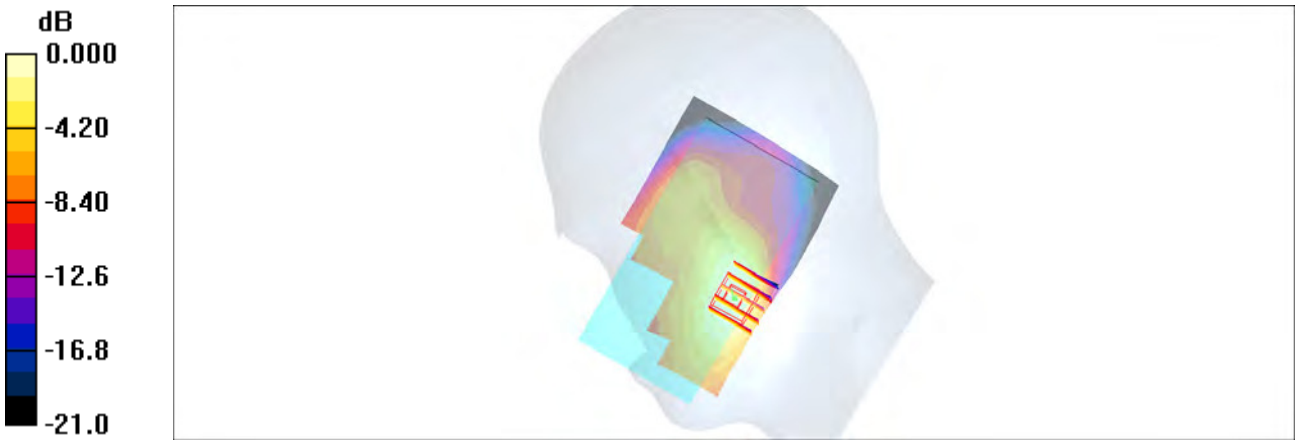
#03_WCDMA II_RMC 12.2Kbps_Right Cheek_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_160422 Medium parameters used: f = 1908 MHz; σ = 1.44 mho/m; ε_r = 41.1; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch9538/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.534 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.8 V/m; Power Drift = 0.116 dB
Peak SAR (extrapolated) = 0.693 W/kg
SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.273 mW/g
Maximum value of SAR (measured) = 0.527 mW/g



0 dB = 0.527mW/g

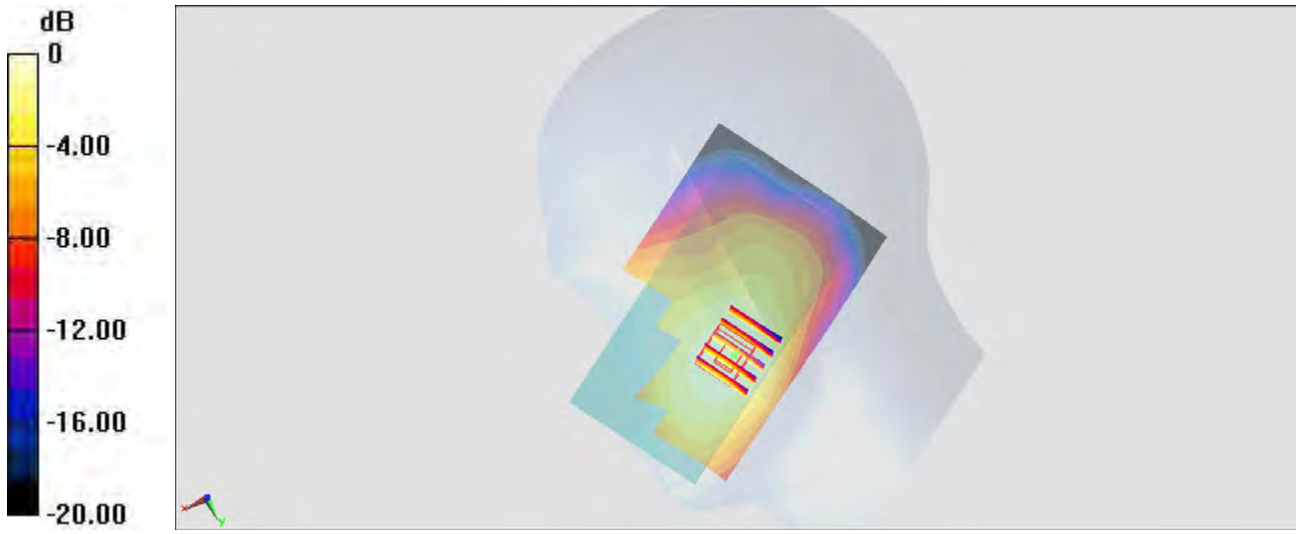
#04_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4132

Communication System: WCDMA ; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_160423 Medium parameters used : f = 826.4 MHz; σ = 0.881 S/m; ε_r = 40.815; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(9.96, 9.96, 9.96); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4132/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.293 W/kg

Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.38 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.311 W/kg
SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.196 W/kg
Maximum value of SAR (measured) = 0.286 W/kg



0 dB = 0.293 W/kg = -5.33 dBW/kg

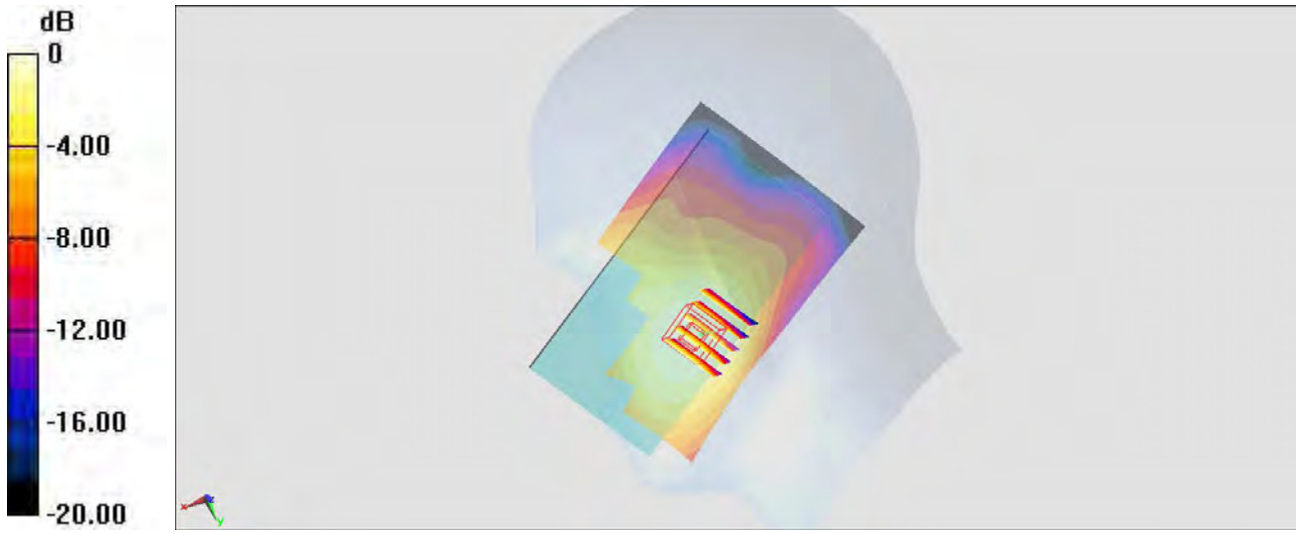
#05_CDMA BC0_1xRTT RC3 SO55_Right Cheek_Ch777

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_850_160423 Medium parameters used : f = 848.31 MHz; σ = 0.898 S/m; ε_r = 40.418; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(9.96, 9.96, 9.96); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch777/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.281 W/kg

Configuration/Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.92 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.300 W/kg
SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.192 W/kg
Maximum value of SAR (measured) = 0.278 W/kg



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

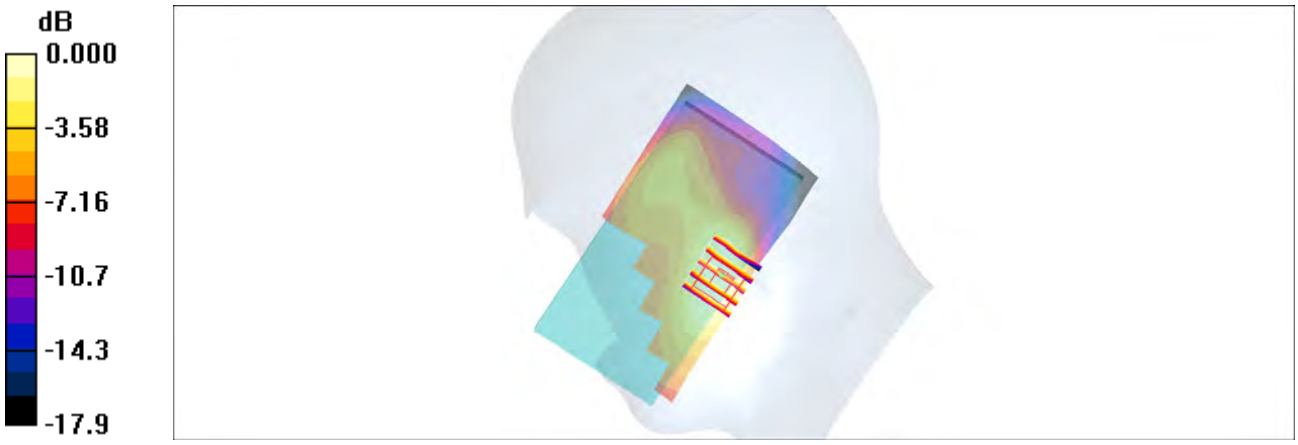
#06_CDMA BC1_1xRTT RC3 SO55_Right Cheek_Ch1175

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900_160422 Medium parameters used: f = 1909 MHz; σ = 1.44 mho/m; ε_r = 41.1; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch1175/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.540 mW/g

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.8 V/m; Power Drift = 0.092 dB
Peak SAR (extrapolated) = 0.678 W/kg
SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.279 mW/g
Maximum value of SAR (measured) = 0.529 mW/g



0 dB = 0.529mW/g

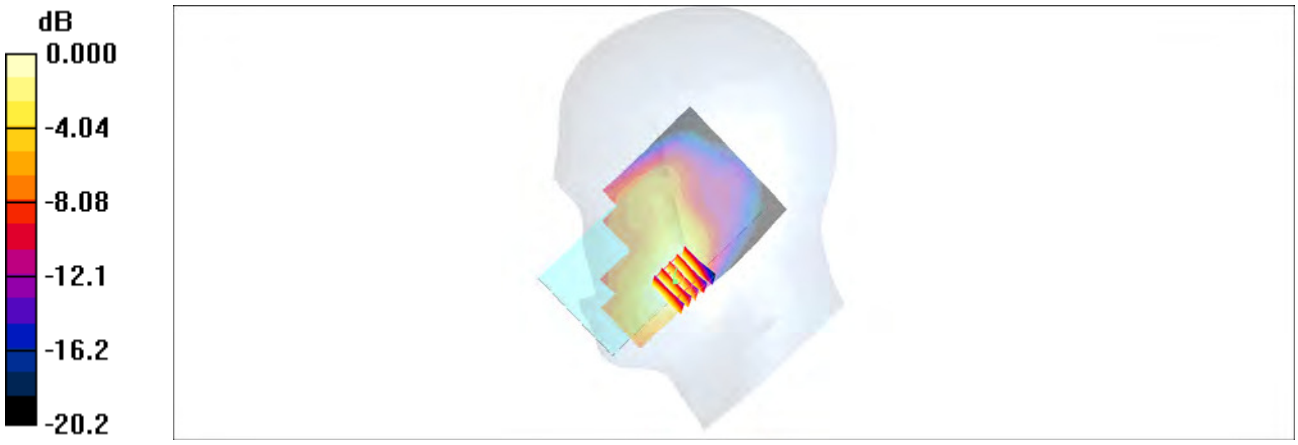
#07_LTE Band 2_20M_QPSK_1_99_Right Cheek_Ch18900

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_160422 Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch18900/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.506 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.2 V/m; Power Drift = 0.091 dB
Peak SAR (extrapolated) = 0.632 W/kg
SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.258 mW/g
Maximum value of SAR (measured) = 0.494 mW/g



0 dB = 0.494mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/23

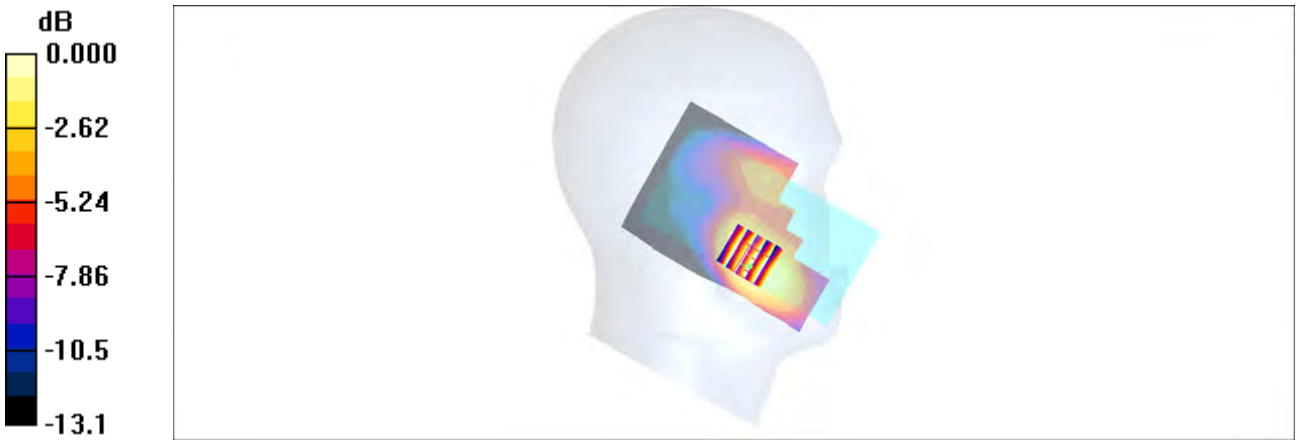
#08_LTE Band 4_20M_QPSK_1_49_Left Cheek_Ch20175

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_160423 Medium parameters used : f = 1732.5 MHz; σ = 1.35 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.32, 5.32, 5.32); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch20175/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.271 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.1 V/m; Power Drift = 0.117 dB
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.156 mW/g
Maximum value of SAR (measured) = 0.276 mW/g



0 dB = 0.276mW/g

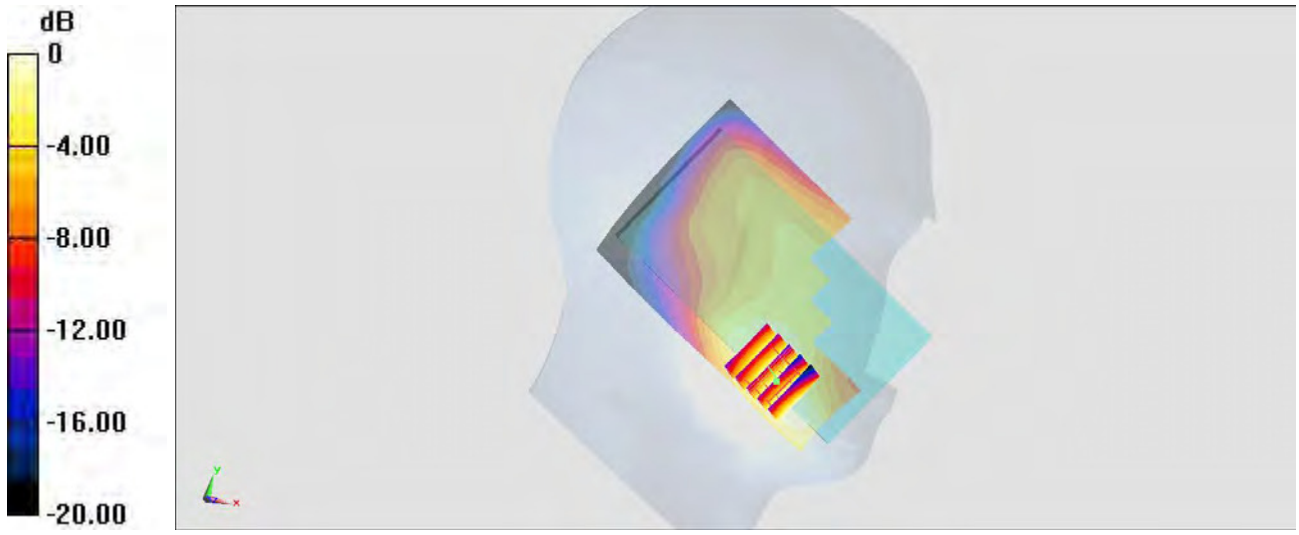
#09_LTE Band 5_10M_QPSK_1_25_Left Cheek_Ch20525

Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_160423 Medium parameters used : f = 836.5 MHz; σ = 0.887 S/m; ε_r = 40.631; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(9.96, 9.96, 9.96); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20525/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.414 W/kg

Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.40 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.461 W/kg
SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.228 W/kg
Maximum value of SAR (measured) = 0.412 W/kg



0 dB = 0.414 W/kg = -3.83 dBW/kg

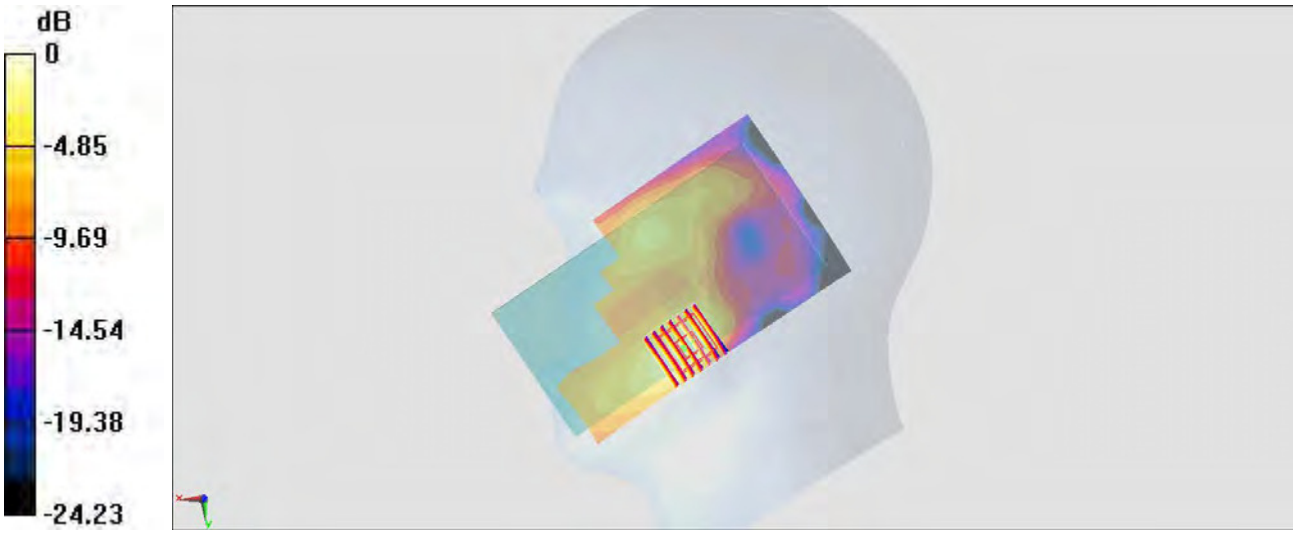
#10_LTE Band 7_20M_QPSK_1_99_Right Cheek_Ch21100

Communication System: LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_160424 Medium parameters used: f = 2535 MHz; σ = 1.861 S/m; ε_r = 38.422; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.2, 7.2, 7.2); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch21100/Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.441 W/kg

Configuration/Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.732 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.500 W/kg
SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.144 W/kg
Maximum value of SAR (measured) = 0.408 W/kg



0 dB = 0.441 W/kg = -3.56 dBW/kg

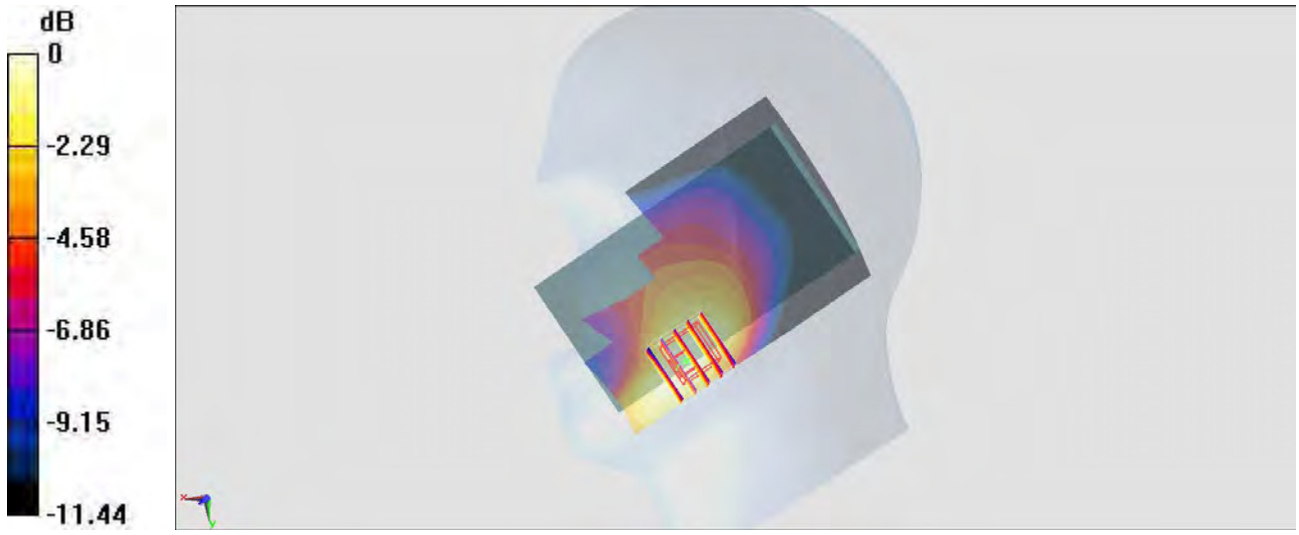
#11_LTE Band 13_10M_QPSK_1_49_Right Cheek_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_160423 Medium parameters used: f = 782 MHz; σ = 0.919 S/m; ε_r = 42.452; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.31, 10.31, 10.31); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch23230/Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.490 W/kg

Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.50 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.528 W/kg
SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.279 W/kg
Maximum value of SAR (measured) = 0.482 W/kg



0 dB = 0.490 W/kg = -3.10 dBW/kg

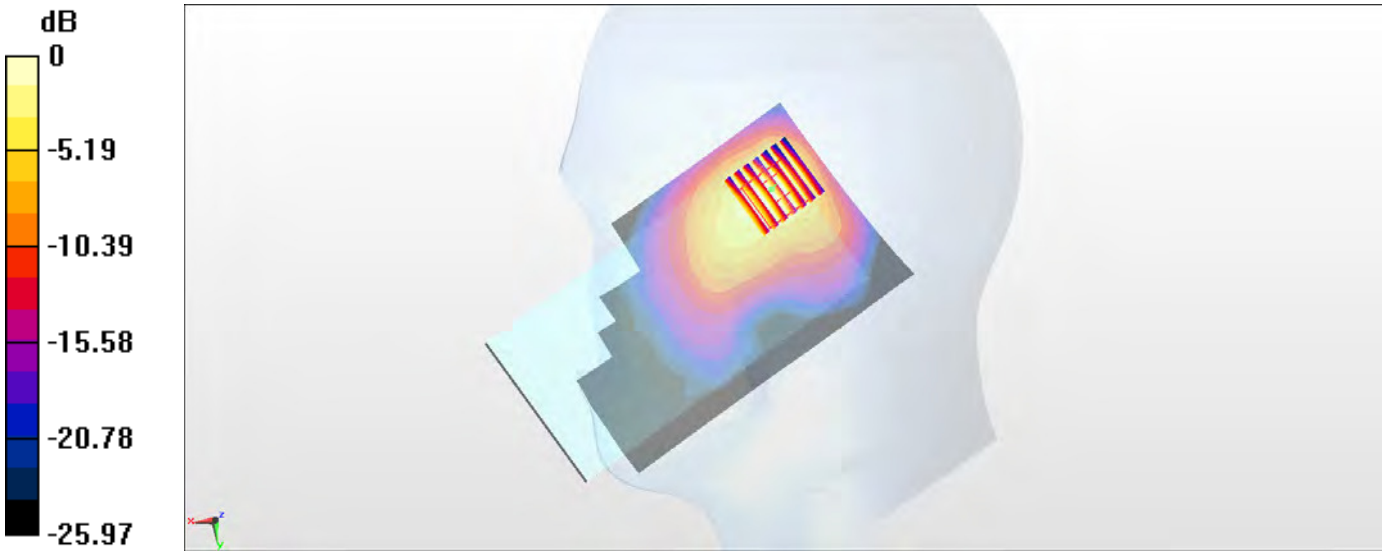
#12_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6;Ant 1

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.01
Medium: HSL_2450_160424 Medium parameters used: f = 2437 MHz; σ = 1.752 S/m; ε_r = 38.761; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.51, 7.51, 7.51); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch6/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.05 W/kg

Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.75 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.355 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

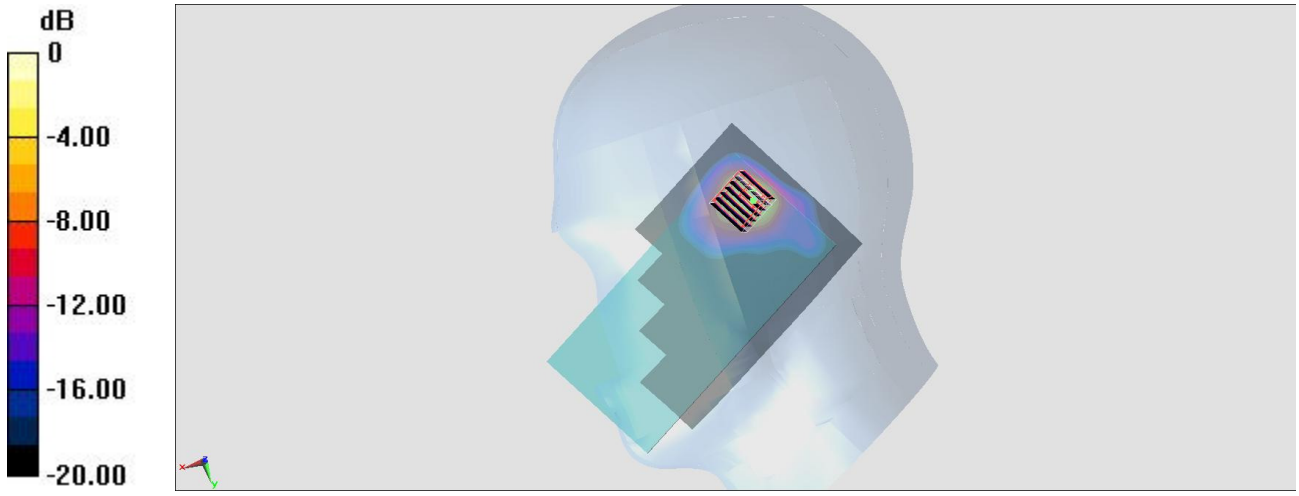
#13_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch58;Ant 1

Communication System: 802.11ac ; Frequency: 5290 MHz;Duty Cycle: 1:1.167
Medium: HSL_5G_160610 Medium parameters used: f = 5290 MHz; σ = 4.705 S/m; ε_r = 35.522; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(5.15, 5.15, 5.15); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch58/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.03 W/kg

Ch58/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.833 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.110 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

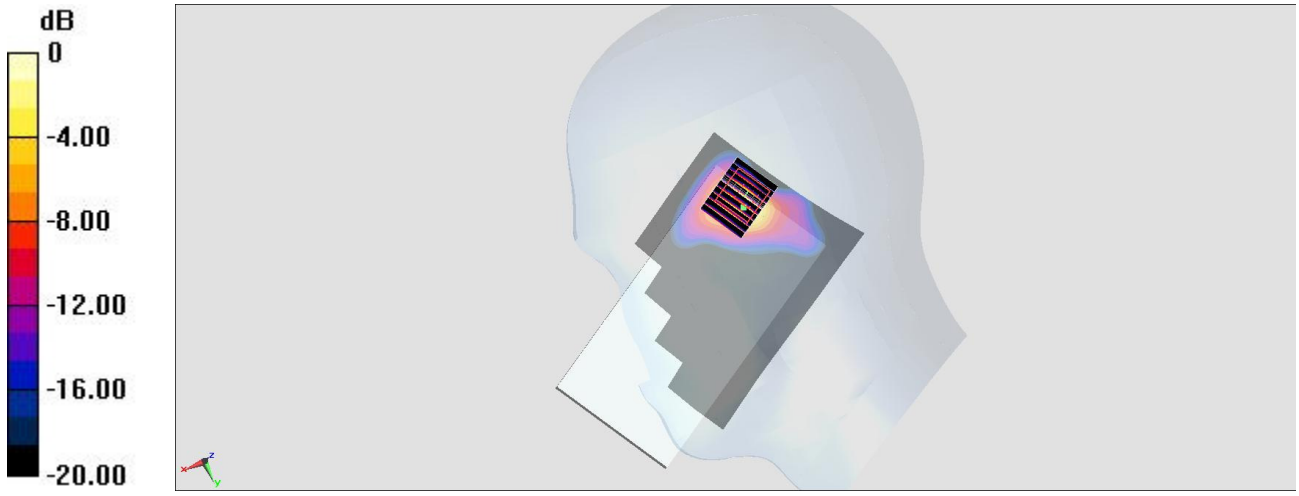
#14_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch122;Ant 1

Communication System: 802.11ac ; Frequency: 5610 MHz;Duty Cycle: 1:1.167
Medium: HSL_5G_160610 Medium parameters used: f = 5610 MHz; σ = 5.002 S/m; ε_r = 35.103; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(4.47, 4.47, 4.47); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch122/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.929 W/kg

Ch122/Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.633 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.85 W/kg
SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.100 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 0.929 W/kg = -0.32 dBW/kg

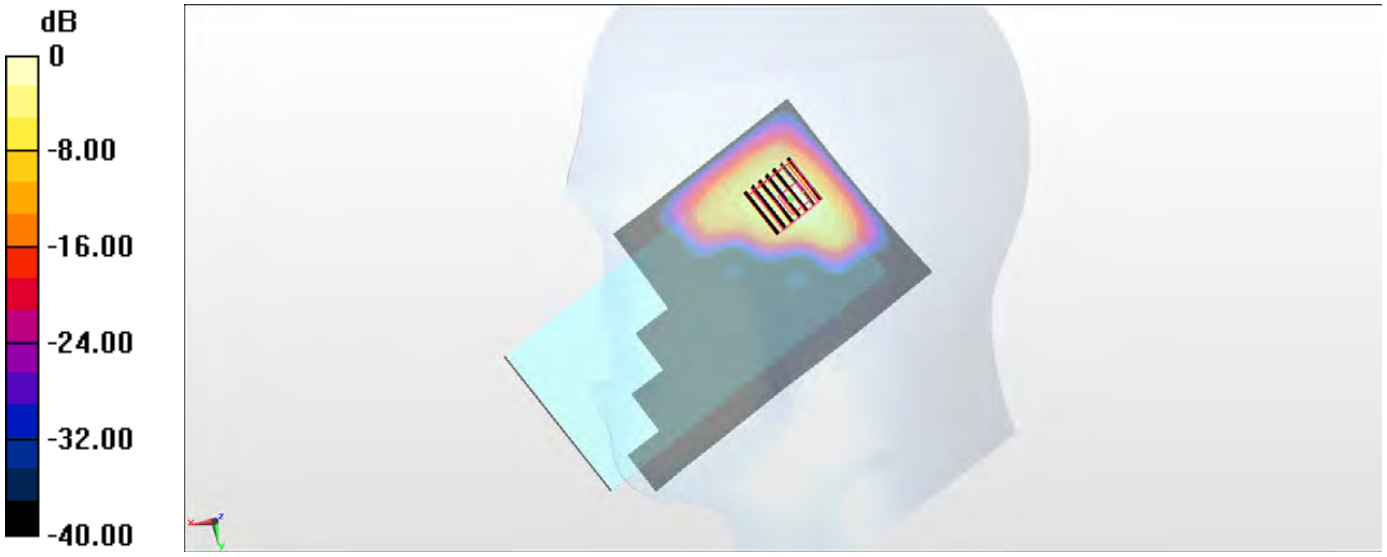
#15_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch155;Ant 1

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: HSL_5G_160423 Medium parameters used: f = 5775 MHz; σ = 5.151 S/m; ε_r = 36.103; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(4.58, 4.58, 4.58); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch155/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.310 W/kg

Configuration/Ch155/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.667 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.717 W/kg
SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.033 W/kg
Maximum value of SAR (measured) = 0.388 W/kg



0 dB = 0.388 W/kg = -4.11 dBW/kg

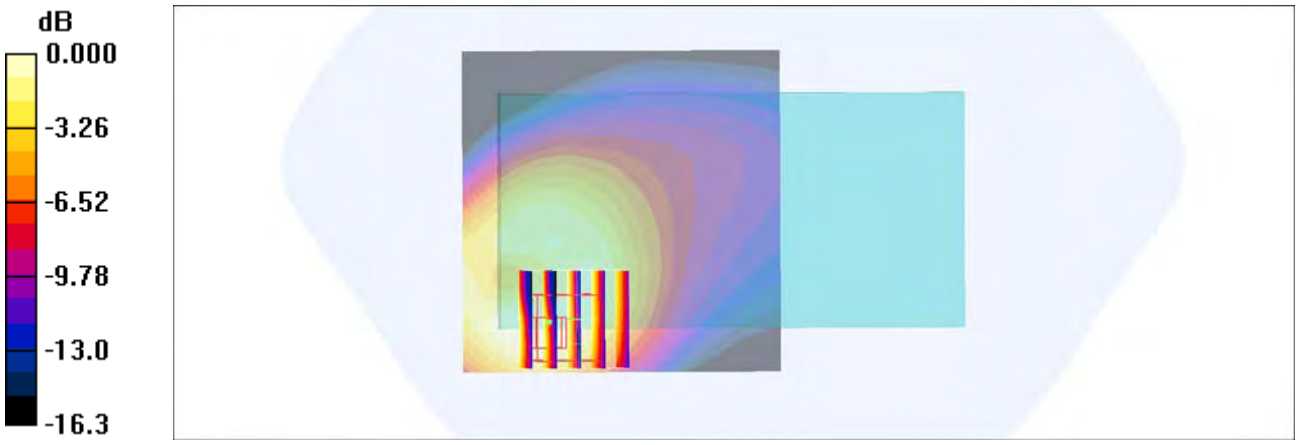
#16_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch189

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_160421 Medium parameters used : f = 836.4 MHz; σ = 0.992 mho/m; ε_r = 57.4; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch189/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.664 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.2 V/m; Power Drift = -0.160 dB
Peak SAR (extrapolated) = 0.927 W/kg
SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.297 mW/g
Maximum value of SAR (measured) = 0.622 mW/g



0 dB = 0.622mW/g

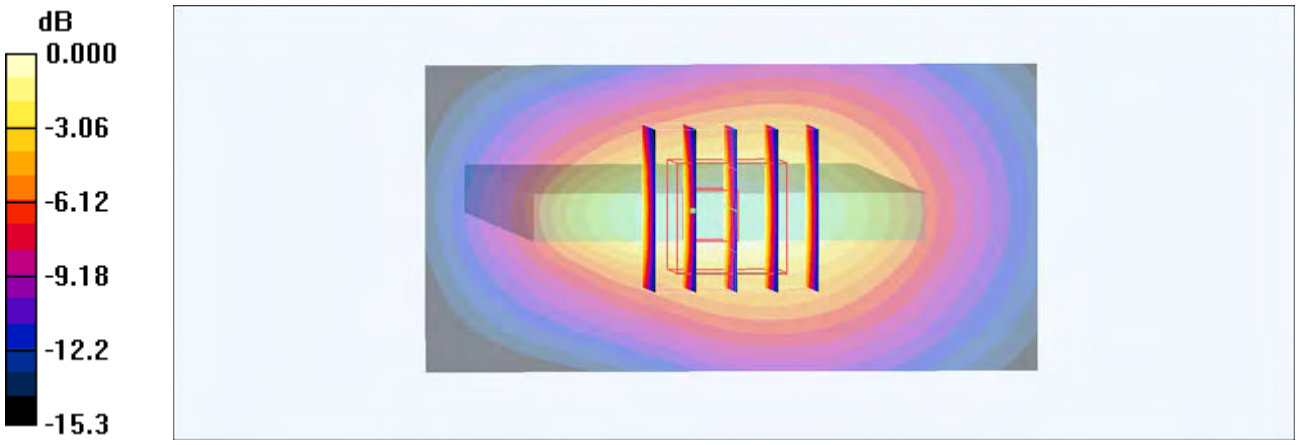
#17_GSM1900_GPRS (4 Tx slots)_Bottom Side_10mm_Ch810

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_160422 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch810/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.868 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.9 V/m; Power Drift = 0.053 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.699 mW/g; SAR(10 g) = 0.404 mW/g
Maximum value of SAR (measured) = 0.840 mW/g



0 dB = 0.840mW/g

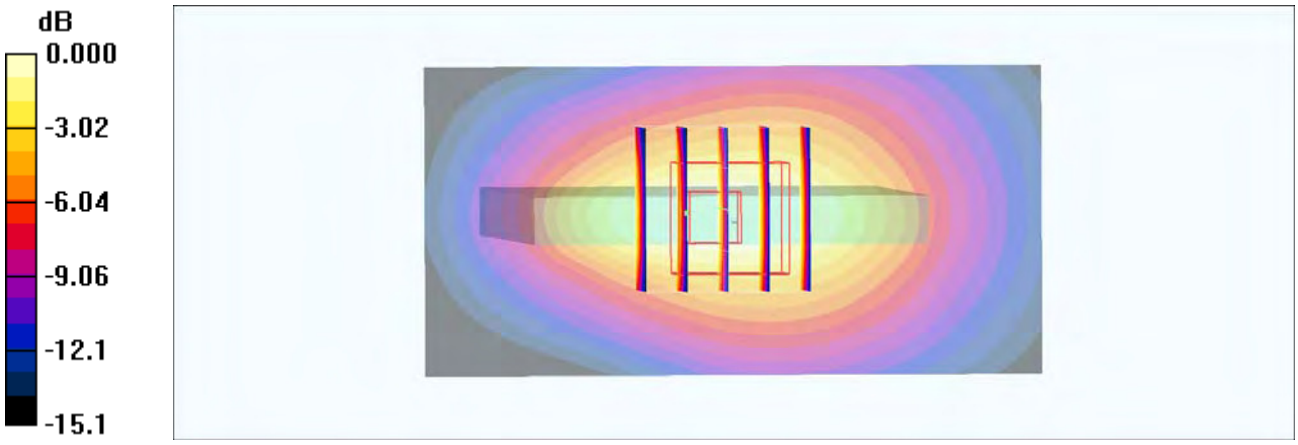
#18_WCDMA II_RMC 12.2Kbps_Bottom Side_10mm_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160422 Medium parameters used: f = 1852.4 MHz; σ = 1.49 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch9262/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.20 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.1 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.554 mW/g
Maximum value of SAR (measured) = 1.15 mW/g



0 dB = 1.15mW/g

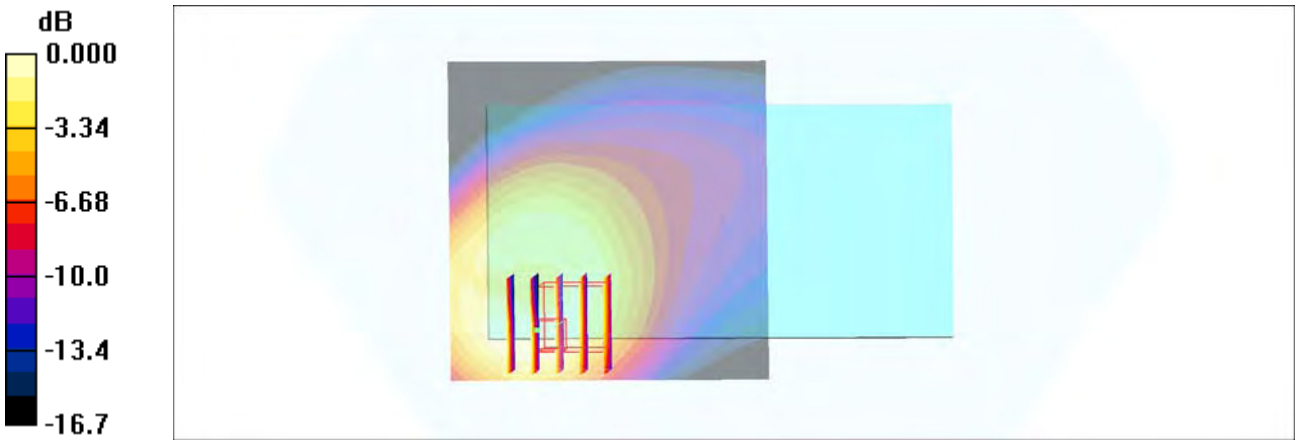
#19_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_160421 Medium parameters used : f = 836.4 MHz; σ = 0.992 mho/m; ε_r = 57.4; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch4182/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.963 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.1 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.438 mW/g
Maximum value of SAR (measured) = 0.940 mW/g



0 dB = 0.940mW/g

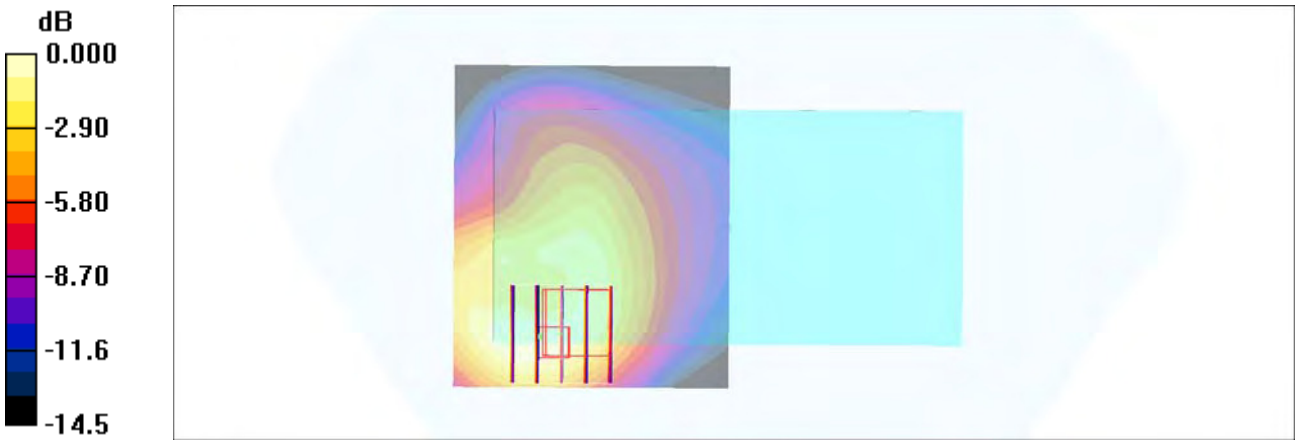
#20_CDMA BC0_RTAP 153.6Kbps_Back_10mm_Ch384

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_850_160421 Medium parameters used: f = 837 MHz; σ = 0.993 mho/m; ε_r = 57.4; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch384/Area Scan (71x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.13 mW/g

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.3 V/m; Power Drift = 0.034 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.907 mW/g; SAR(10 g) = 0.524 mW/g
Maximum value of SAR (measured) = 1.12 mW/g



0 dB = 1.12mW/g

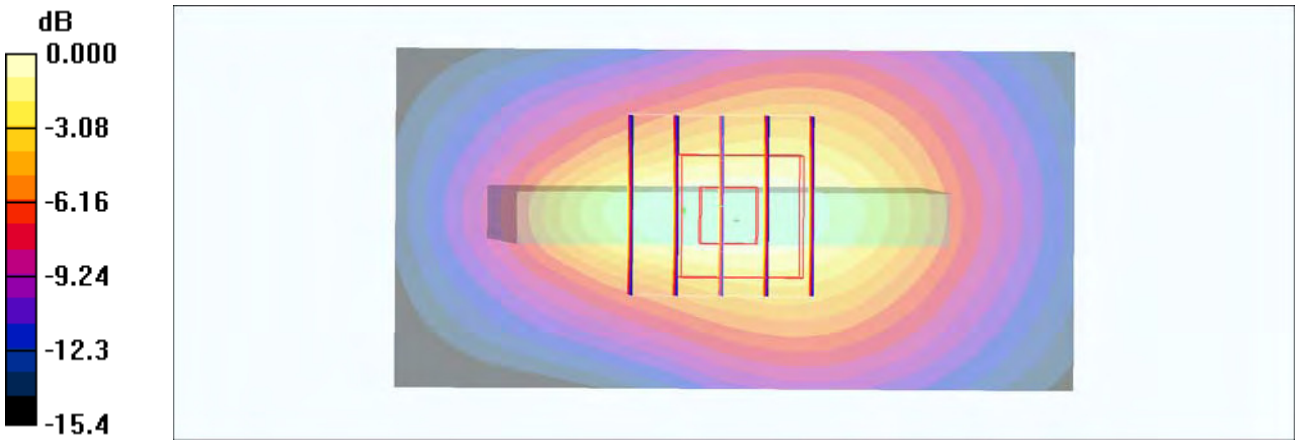
#21_CDMA BC1_RTAP 153.6Kbps_Bottom Side_10mm_Ch25

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160422 Medium parameters used: f = 1851.25 MHz; σ = 1.49 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch25/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.10 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.3 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.888 mW/g; SAR(10 g) = 0.519 mW/g
Maximum value of SAR (measured) = 1.07 mW/g



0 dB = 1.07mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/26

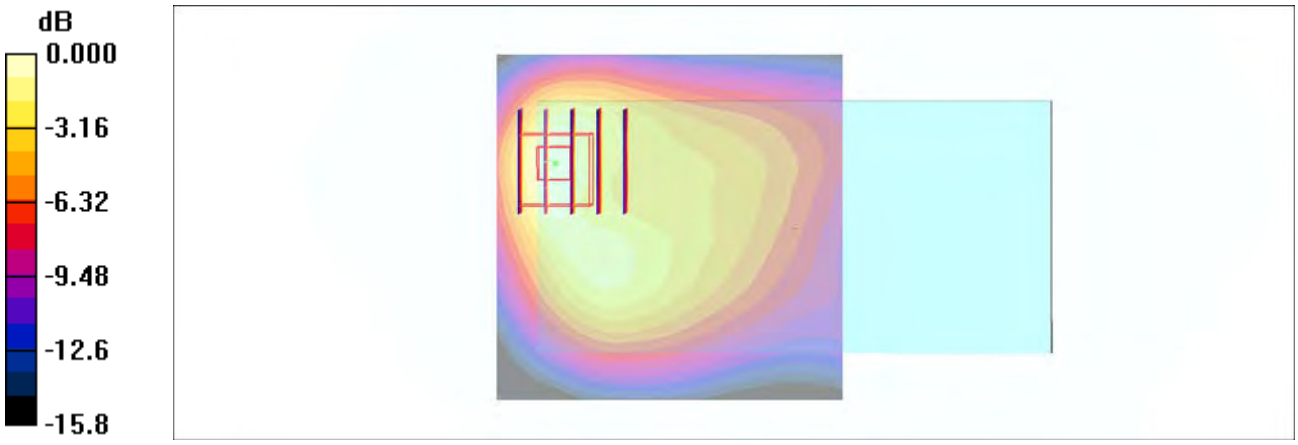
#22_LTE Band 2_20M_QPSK_1_99_Back_10mm_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160426 Medium parameters used: f = 1900 MHz; σ = 1.51 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch19100/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.20 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.8 V/m; Power Drift = 0.009 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.496 mW/g
Maximum value of SAR (measured) = 1.10 mW/g



0 dB = 1.10mW/g

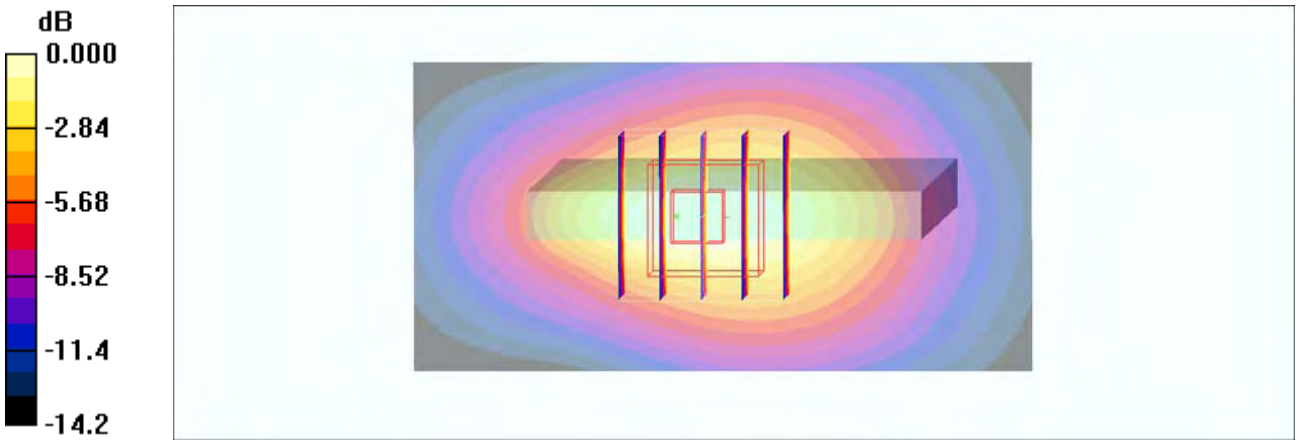
#23_LTE Band 4_20M_QPSK_1_49_Bottom Side_10mm_Ch20175

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_160422 Medium parameters used: f = 1732.5 MHz; σ = 1.45 mho/m; ε_r = 55; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.95, 4.95, 4.95); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch20175/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.971 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.9 V/m; Power Drift = 0.132 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.459 mW/g
Maximum value of SAR (measured) = 0.942 mW/g



0 dB = 0.942mW/g

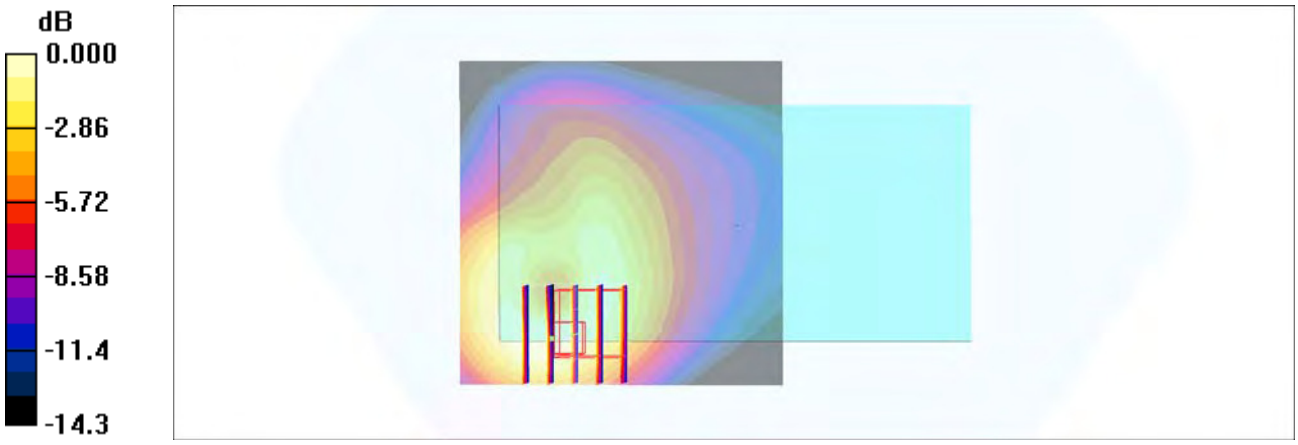
#24_LTE Band 5_10M_QPSK_25_12_Back_10mm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_160427 Medium parameters used : f = 836.5 MHz; σ = 0.98 mho/m; ε_r = 57.1; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch20525/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.11 mW/g

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.6 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.517 mW/g
Maximum value of SAR (measured) = 1.10 mW/g



0 dB = 1.10mW/g

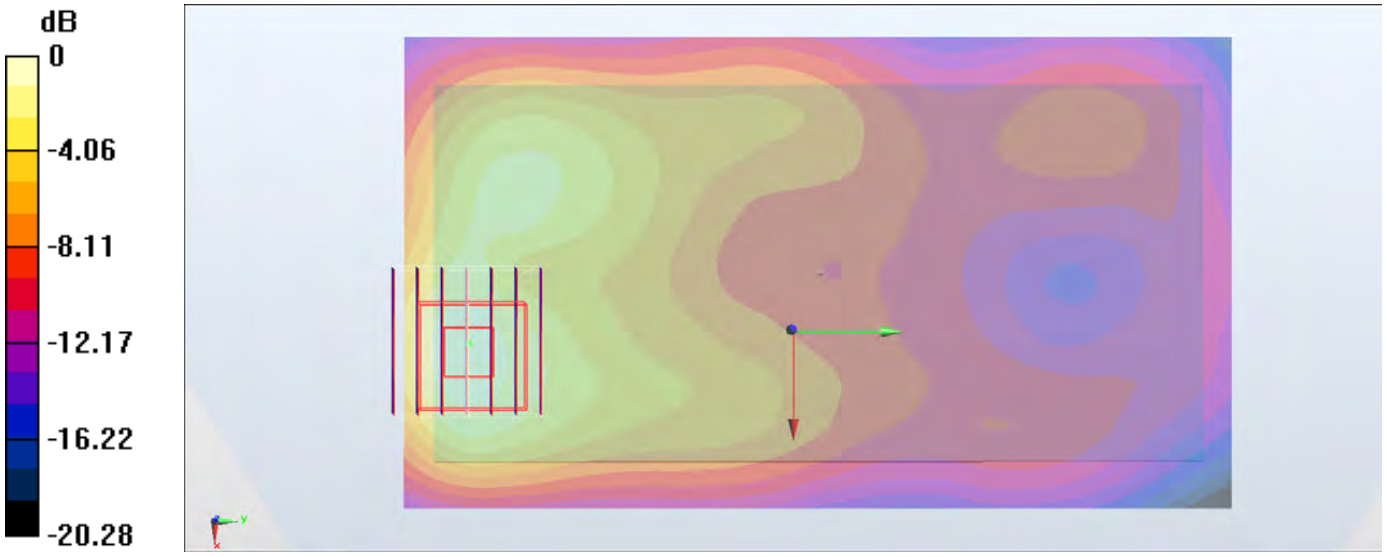
#25_LTE Band 7_20M_QPSK_1_99_Back_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_160424 Medium parameters used: f = 2560 MHz; σ = 2.08 S/m; ε_r = 53.508; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.23, 7.23, 7.23); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch21350/Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.36 W/kg

Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.71 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.865 W/kg; SAR(10 g) = 0.435 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

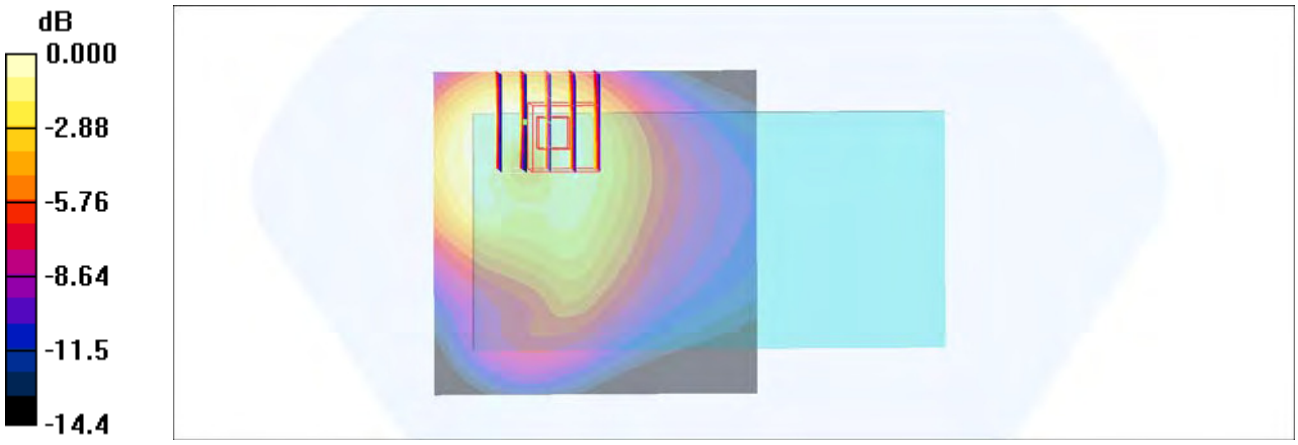
#26_LTE Band 13_10M_QPSK_50_0_Back_10mm_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_160428 Medium parameters used: f = 782 MHz; σ = 0.988 mho/m; ε_r = 55.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.3, 6.3, 6.3); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch23230/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.920 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.1 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.442 mW/g
Maximum value of SAR (measured) = 0.916 mW/g



0 dB = 0.916mW/g

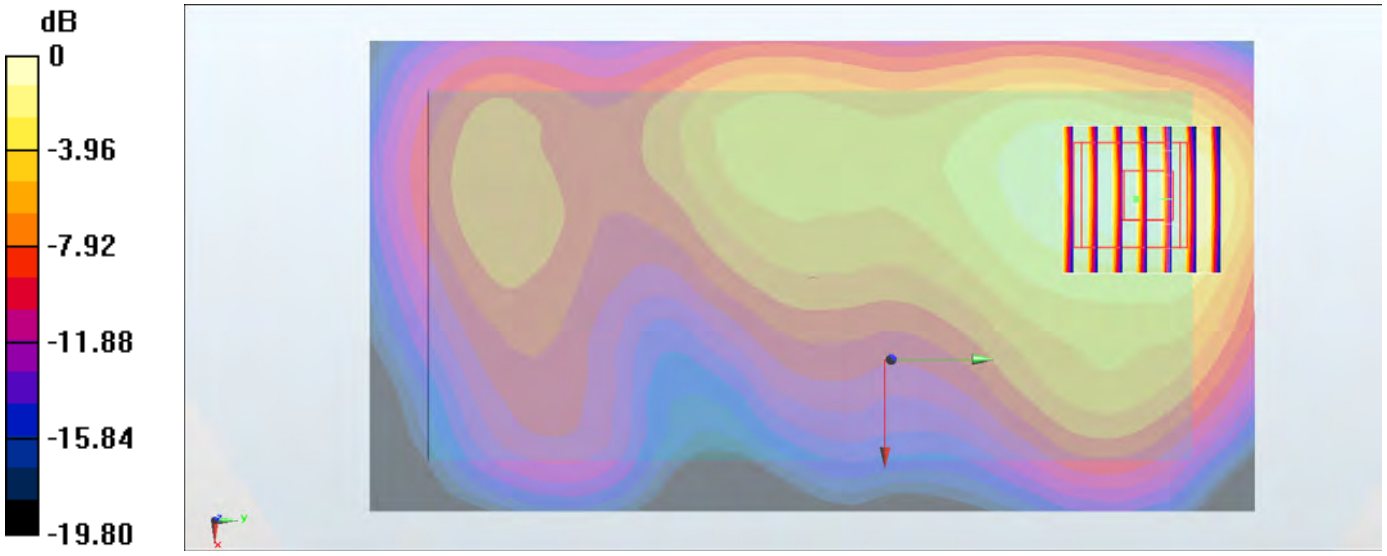
#27_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11;Ant 1

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1.01
Medium: MSL_2450_160424 Medium parameters used: f = 2462 MHz; σ = 1.967 S/m; ε_r = 52.879; 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); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch11/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.381 W/kg

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.04 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.481 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.148 W/kg
Maximum value of SAR (measured) = 0.399 W/kg



0 dB = 0.399 W/kg = -3.99 dBW/kg

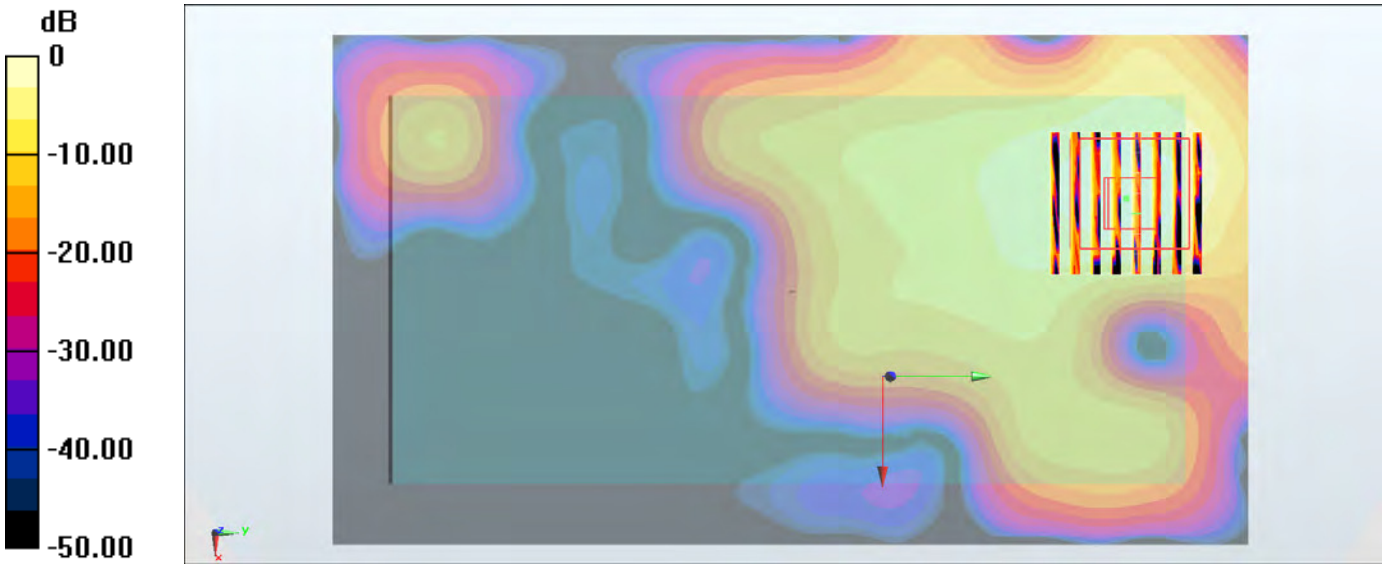
#28_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch48;Ant 1

Communication System: 802.11a ; Frequency: 5240 MHz;Duty Cycle: 1:1.053
Medium: MSL_5G_160426 Medium parameters used: f = 5240 MHz; σ = 5.375 S/m; ε_r = 46.881; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch48/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.197 W/kg

Configuration/Ch48/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.257 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.355 W/kg
SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.029 W/kg
Maximum value of SAR (measured) = 0.212 W/kg



0 dB = 0.212 W/kg = -6.74 dBW/kg

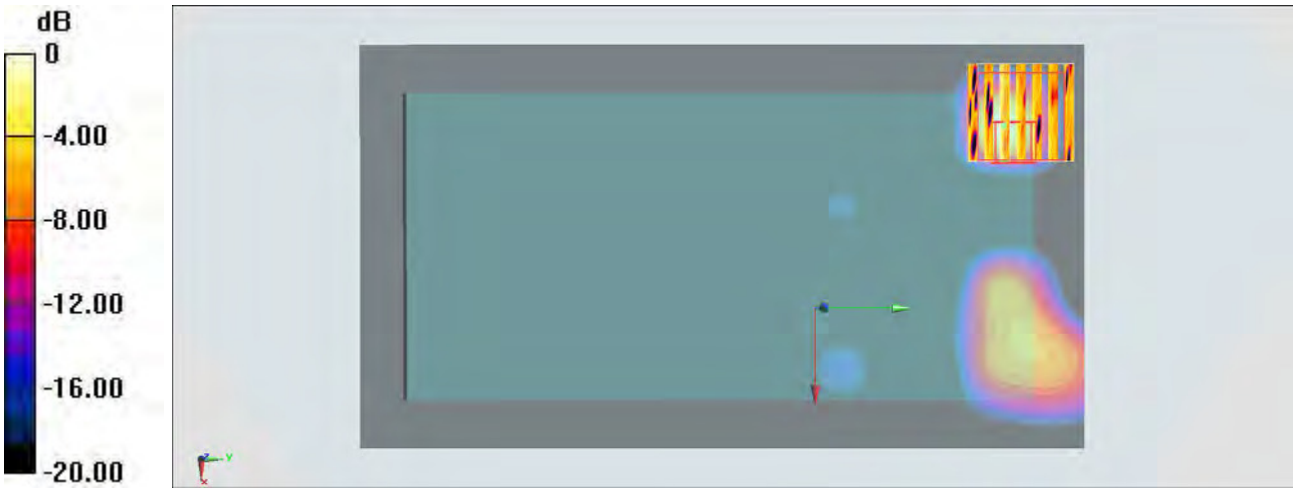
#29_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch149;Ant 1

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1.053
Medium: MSL_5G_160428 Medium parameters used: f = 5745 MHz; σ = 5.967 S/m; ε_r = 45.973; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(3.92, 3.92, 3.92); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch149/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0609 W/kg

Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.360 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.179 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.010 W/kg
Maximum value of SAR (measured) = 0.119 W/kg



0 dB = 0.0609 W/kg = -12.15 dBW/kg

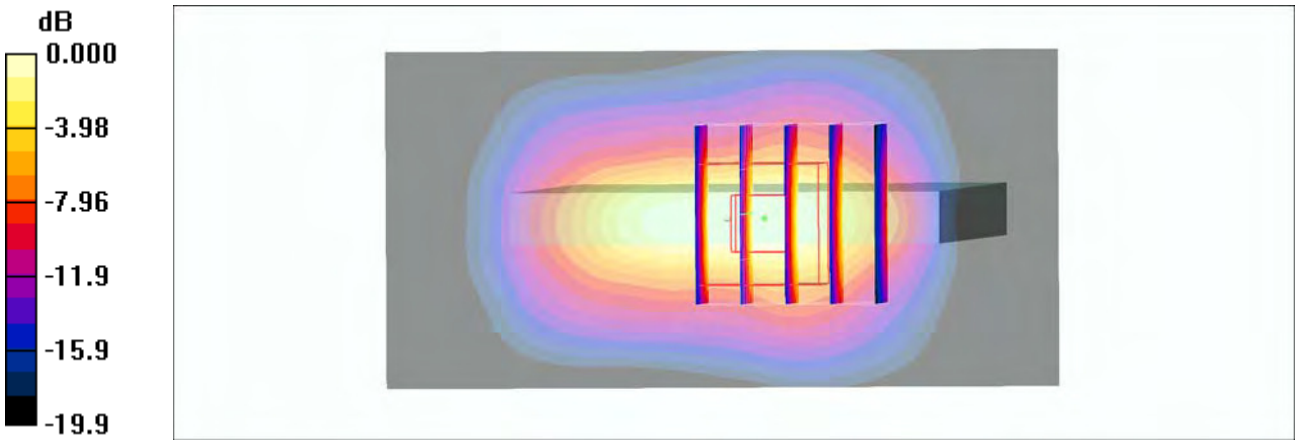
#30_WCDMA II_RMC 12.2Kbps_Bottom Side_0mm_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160426 Medium parameters used: f = 1852.4 MHz; σ = 1.46 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch9262/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 8.28 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.4 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 12.5 W/kg
SAR(1 g) = 5.83 mW/g; SAR(10 g) = 2.7 mW/g
Maximum value of SAR (measured) = 7.42 mW/g



0 dB = 7.42mW/g

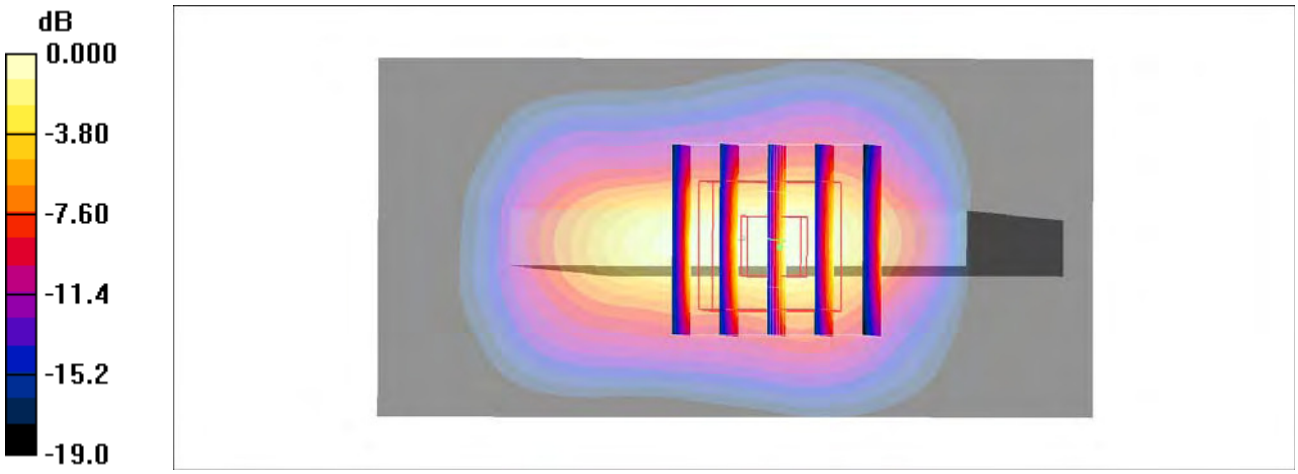
#31_CDMA BC1_RTAP 153.6Kbps_Bottom Side_0mm_Ch600

Communication System: CDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160426 Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch600/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 7.88 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.9 V/m; Power Drift = 0.076 dB
Peak SAR (extrapolated) = 12.0 W/kg
SAR(1 g) = 5.83 mW/g; SAR(10 g) = 2.66 mW/g
Maximum value of SAR (measured) = 7.63 mW/g



0 dB = 7.63mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/26

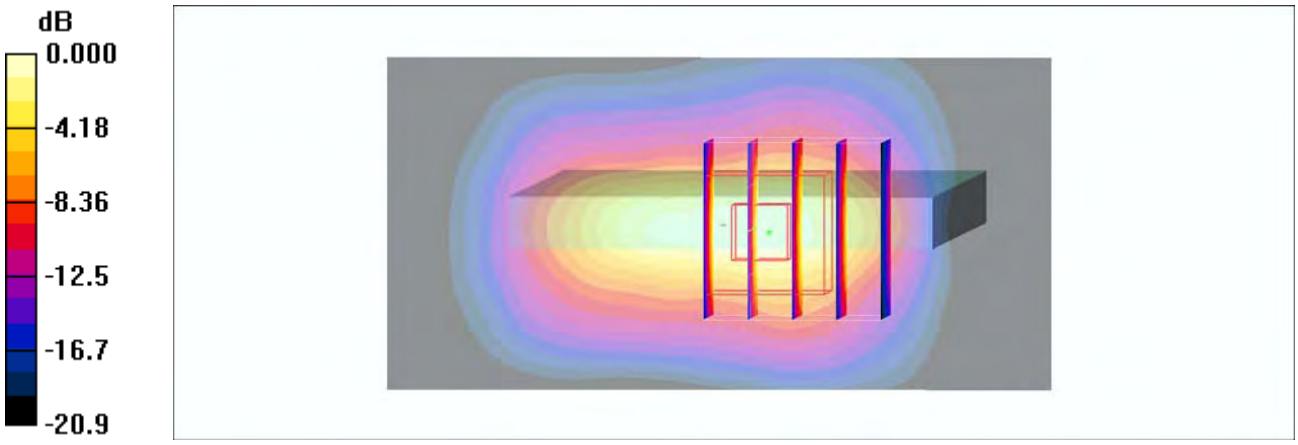
#32_LTE Band 2_20M_QPSK_1_99_Bottom Side_0mm_Ch18700

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160426 Medium parameters used: f = 1860 MHz; σ = 1.47 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch18700/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 7.29 mW/g

Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.2 V/m; Power Drift = 0.165 dB
Peak SAR (extrapolated) = 11.0 W/kg
SAR(1 g) = 5.36 mW/g; SAR(10 g) = 2.45 mW/g
Maximum value of SAR (measured) = 7.04 mW/g



0 dB = 7.04mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/26

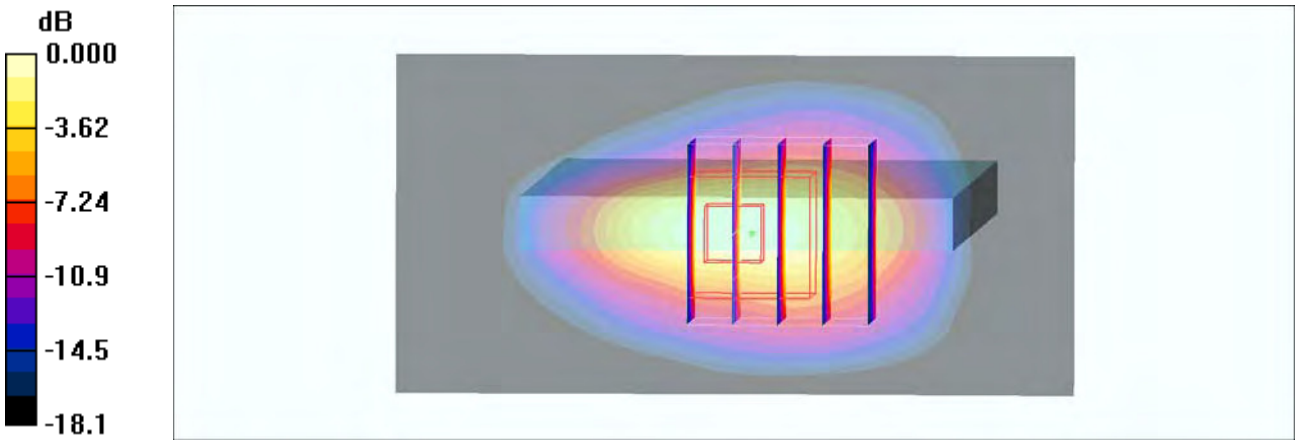
#33_LTE Band 4_20M_QPSK_1_49_Bottom Side_0mm_Ch20175

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_160426 Medium parameters used: f = 1732.5 MHz; σ = 1.42 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.95, 4.95, 4.95); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch20175/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 9.01 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.8 V/m; Power Drift = 0.124 dB
Peak SAR (extrapolated) = 13.4 W/kg
SAR(1 g) = 6.38 mW/g; SAR(10 g) = 2.98 mW/g
Maximum value of SAR (measured) = 8.89 mW/g



0 dB = 8.89mW/g

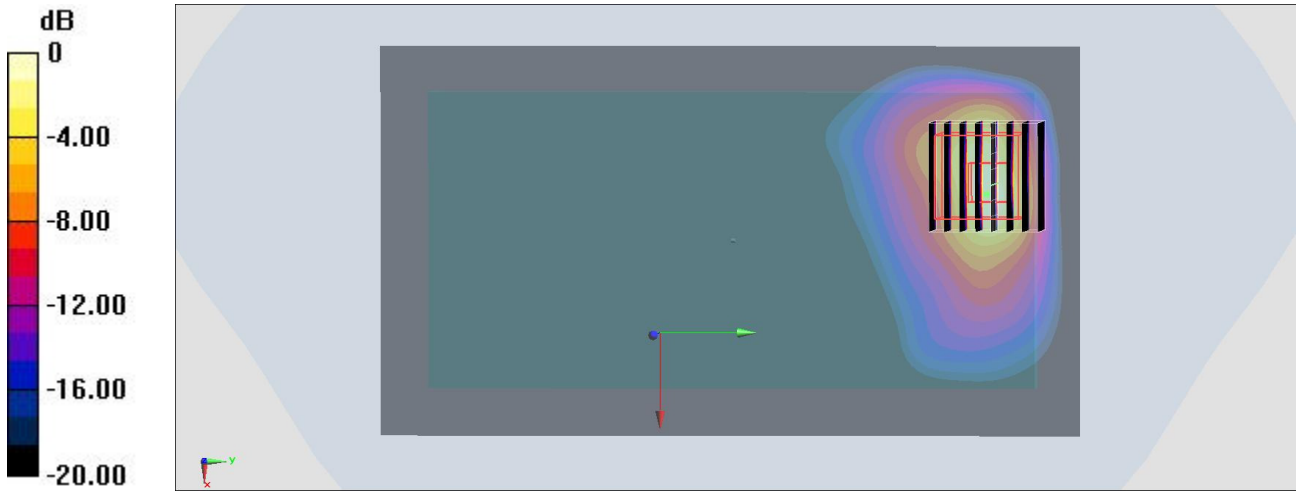
#34_WLAN5GHz_802.11a 6Mbps_Front_0mm_Ch52;Ant 1

Communication System: 802.11a ; Frequency: 5260 MHz;Duty Cycle: 1:1.053
Medium: MSL_5G_160610 Medium parameters used: f = 5260 MHz; σ = 5.539 S/m; ε_r = 49.233; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(4.22, 4.22, 4.22); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch52/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.55 W/kg

Ch52/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.727 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 13.0 W/kg
SAR(1 g) = 2.18 W/kg; SAR(10 g) = 0.535 W/kg
Maximum value of SAR (measured) = 7.05 W/kg



0 dB = 3.55 W/kg = 5.50 dBW/kg

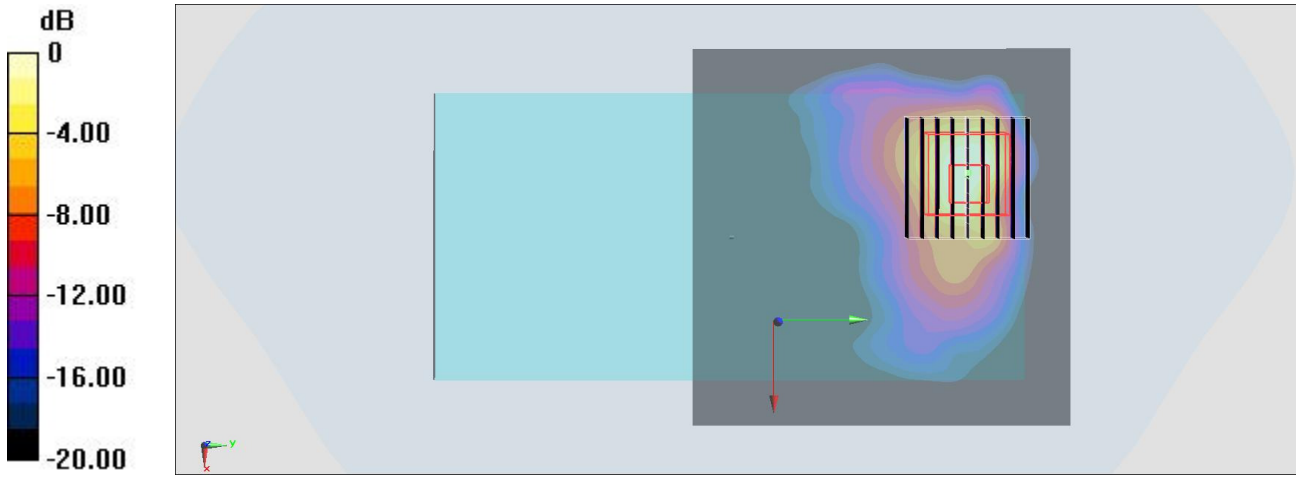
#35_WLAN5GHz_802.11a 6Mbps_Front_0mm_Ch100;Ant 1

Communication System: 802.11a; Frequency: 5500 MHz;Duty Cycle: 1:1.053
Medium: MSL_5G_160610 Medium parameters used: f = 5500 MHz; σ = 5.842 S/m; ε_r = 48.828; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(4.02, 4.02, 4.02); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch100/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 5.30 W/kg

Ch100/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 41.028 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 20.0 W/kg
SAR(1 g) = 3.11 W/kg; SAR(10 g) = 0.777 W/kg
Maximum value of SAR (measured) = 8.89 W/kg



0 dB = 5.30 W/kg = 7.24 dBW/kg

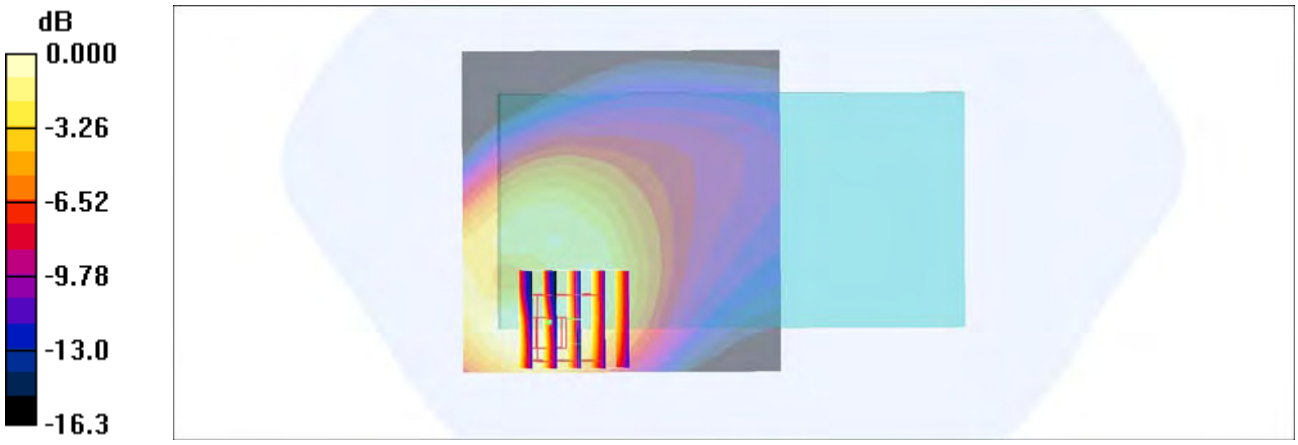
#36_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch189

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_160421 Medium parameters used : f = 836.4 MHz; σ = 0.992 mho/m; ε_r = 57.4; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch189/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.664 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.2 V/m; Power Drift = -0.160 dB
Peak SAR (extrapolated) = 0.927 W/kg
SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.297 mW/g
Maximum value of SAR (measured) = 0.622 mW/g



0 dB = 0.622mW/g

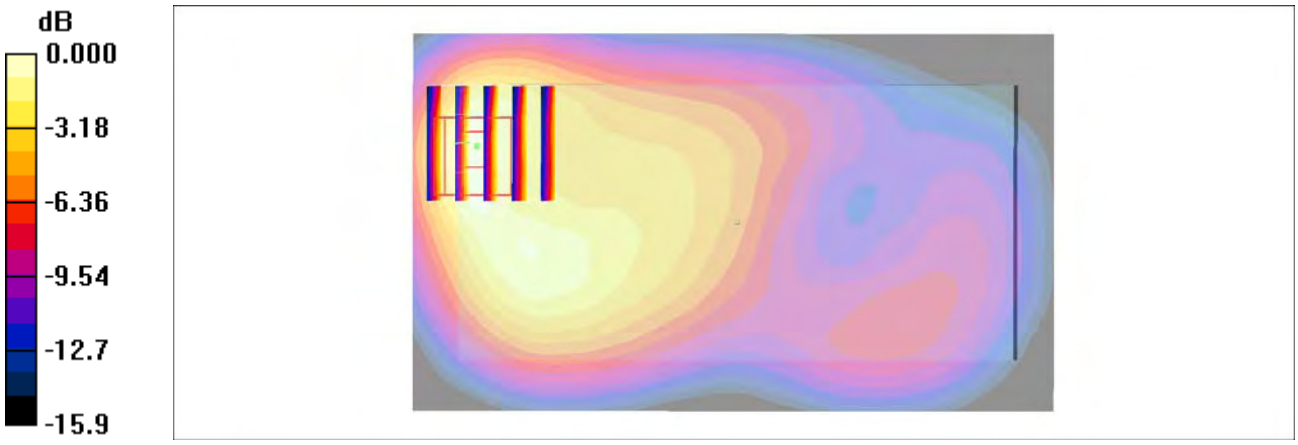
#37_GSM1900_GPRS (4 Tx slots)_Back_10mm_Ch810

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_160426 Medium parameters used: f = 1910 MHz; σ = 1.53 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch810/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.857 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.1 V/m; Power Drift = 0.047 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.364 mW/g
Maximum value of SAR (measured) = 0.783 mW/g



0 dB = 0.783mW/g

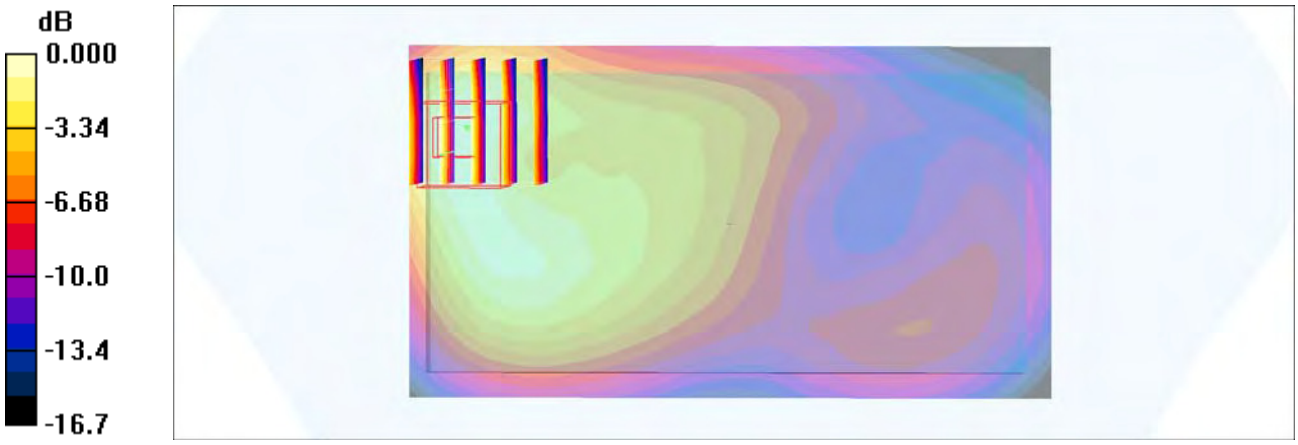
#38_WCDMA II_RMC 12.2Kbps_Back_10mm_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160422 Medium parameters used: f = 1908 MHz; σ = 1.56 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch9538/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.954 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.4 V/m; Power Drift = 0.068 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.828 mW/g; SAR(10 g) = 0.468 mW/g
Maximum value of SAR (measured) = 0.940 mW/g



0 dB = 0.940mW/g

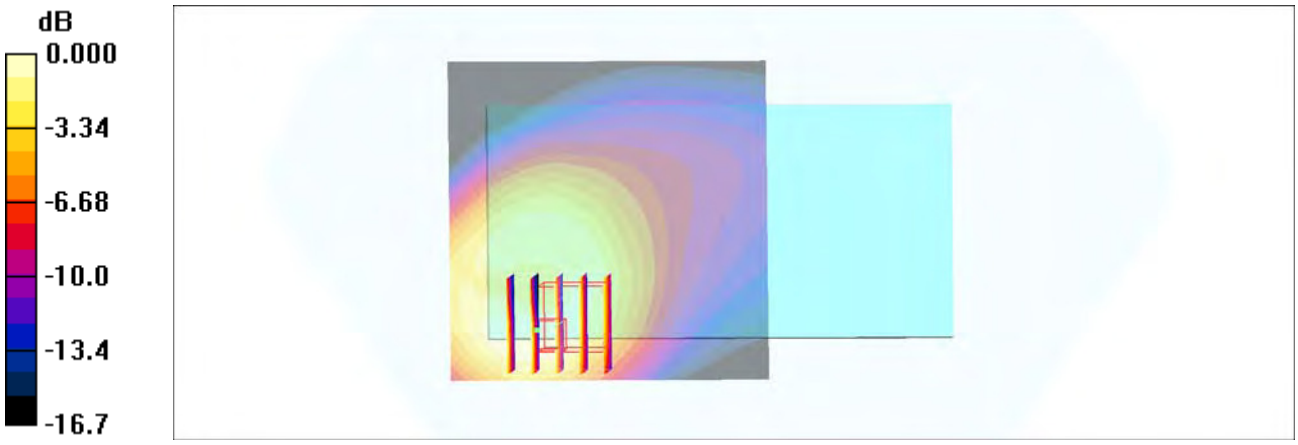
#39_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_160421 Medium parameters used : f = 836.4 MHz; σ = 0.992 mho/m; ε_r = 57.4; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch4182/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.963 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.1 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.438 mW/g
Maximum value of SAR (measured) = 0.940 mW/g



0 dB = 0.940mW/g

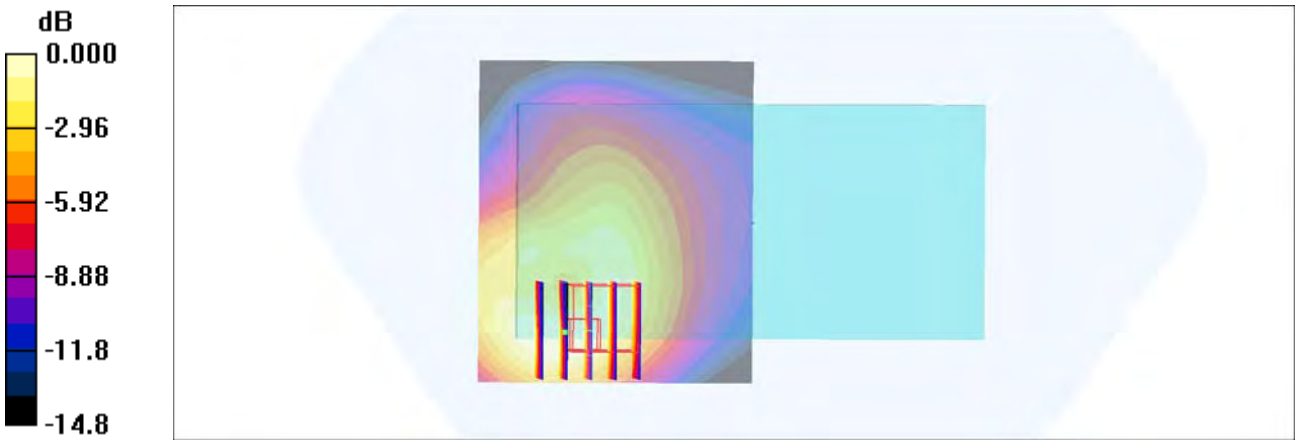
#40_CDMA BC0_1xRTT RC3 SO32_Back_10mm_Ch1013

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_850_160421 Medium parameters used: f = 825 MHz; σ = 0.981 mho/m; ε_r = 57.6; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch1013/Area Scan (71x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.10 mW/g

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.4 V/m; Power Drift = 0.017 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.513 mW/g
Maximum value of SAR (measured) = 1.09 mW/g



0 dB = 1.09mW/g

#41_CDMA BC1_1xRTT RC3 SO32_Back_10mm_Ch600

Communication System: CDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160422 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch600/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.13 mW/g

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.1 V/m; Power Drift = -0.006 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.860 mW/g; SAR(10 g) = 0.486 mW/g
Maximum value of SAR (measured) = 1.07 mW/g

0 dB = 1.07mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/4/26

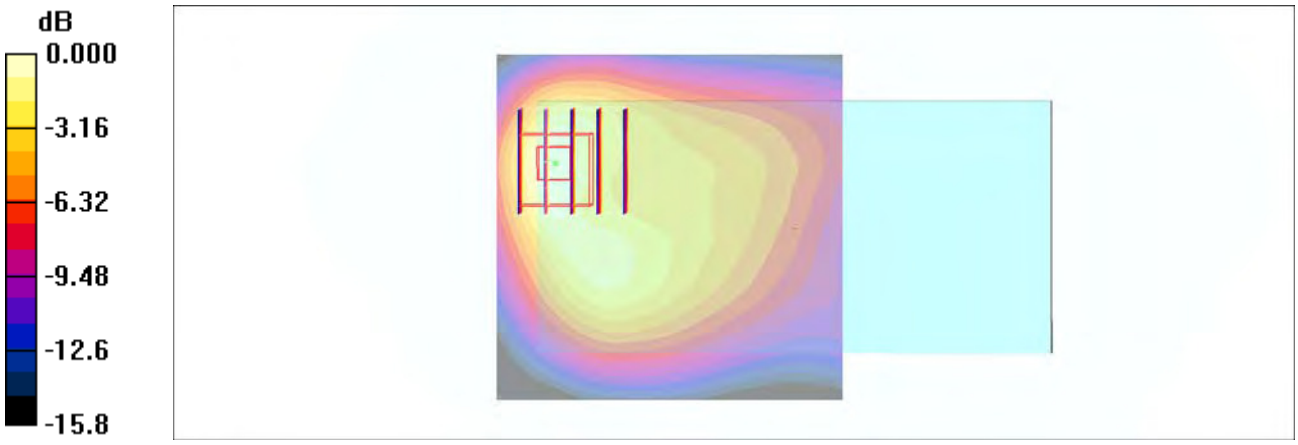
#42_LTE Band 2_20M_QPSK_1_99_Back_10mm_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160426 Medium parameters used: f = 1900 MHz; σ = 1.51 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch19100/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.20 mW/g

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.8 V/m; Power Drift = 0.009 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.496 mW/g
Maximum value of SAR (measured) = 1.10 mW/g



0 dB = 1.10mW/g

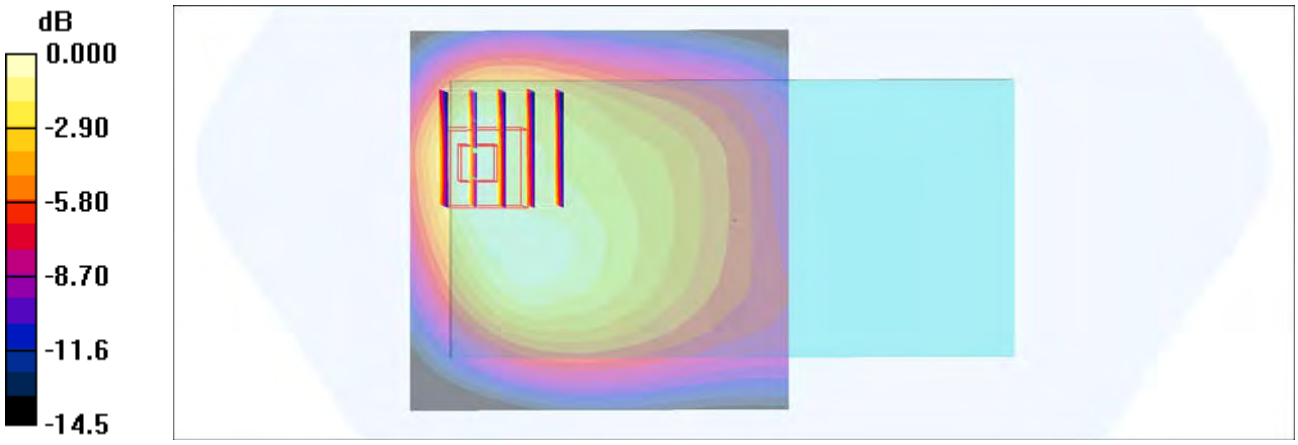
#43_LTE Band 4_20M_QPSK_1_49_Back_10mm_Ch20175

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_160426 Medium parameters used: f = 1732.5 MHz; σ = 1.42 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.95, 4.95, 4.95); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch20175/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.934 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.6 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.444 mW/g
Maximum value of SAR (measured) = 0.846 mW/g



0 dB = 0.846mW/g

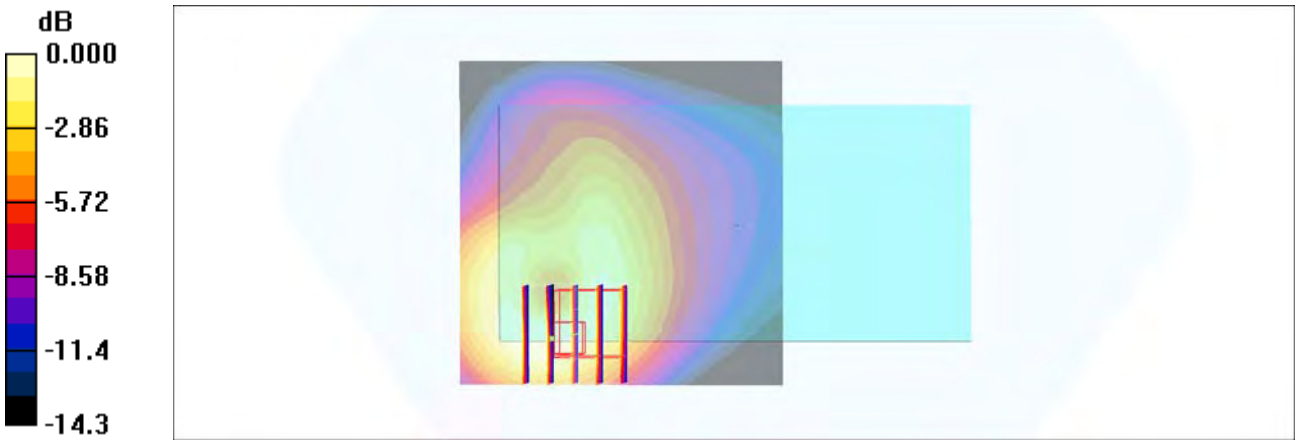
#44_LTE Band 5_10M_QPSK_25_12_Back_10mm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_160427 Medium parameters used : f = 836.5 MHz; σ = 0.98 mho/m; ε_r = 57.1; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch20525/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.11 mW/g

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.6 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.517 mW/g
Maximum value of SAR (measured) = 1.10 mW/g



0 dB = 1.10mW/g

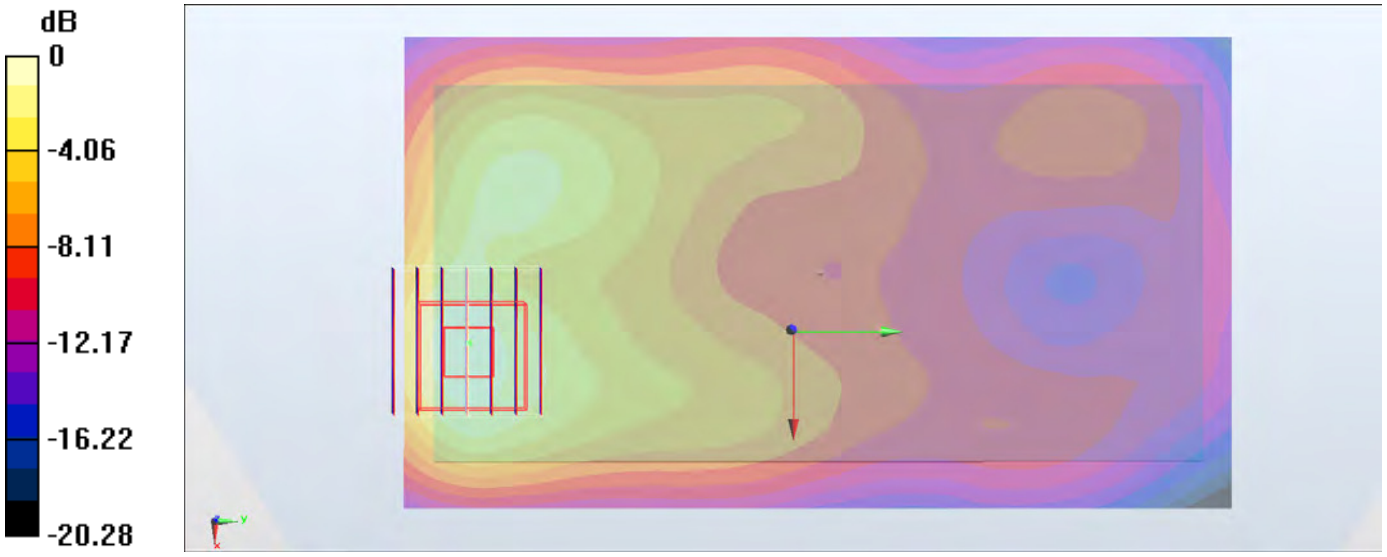
#45_LTE Band 7_20M_QPSK_1_99_Back_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_160424 Medium parameters used: f = 2560 MHz; σ = 2.08 S/m; ε_r = 53.508; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.23, 7.23, 7.23); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch21350/Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.36 W/kg

Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.71 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.865 W/kg; SAR(10 g) = 0.435 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

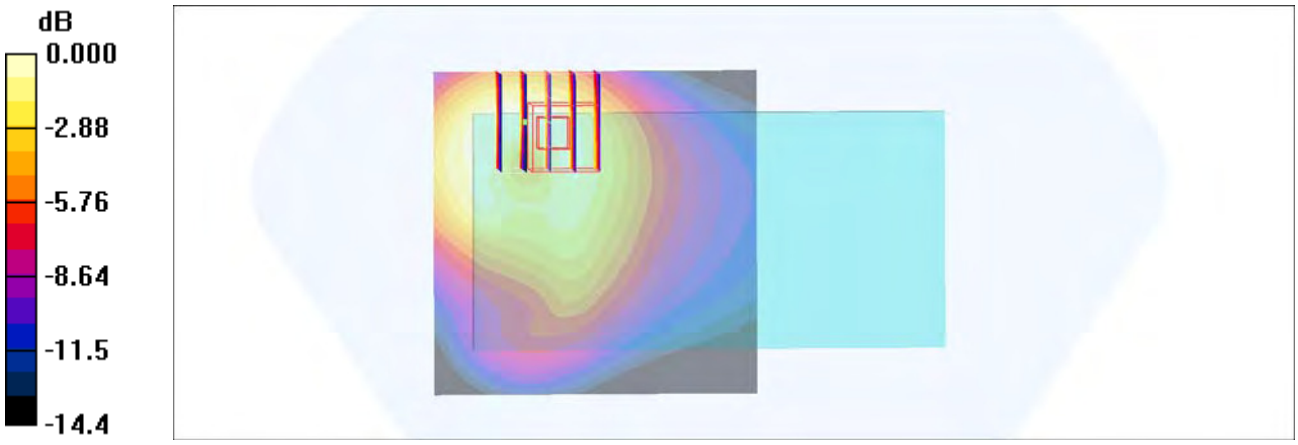
#46_LTE Band 13_10M_QPSK_50_0_Back_10mm_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_160428 Medium parameters used: f = 782 MHz; σ = 0.988 mho/m; ε_r = 55.3; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.3, 6.3, 6.3); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch23230/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.920 mW/g

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.1 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.442 mW/g
Maximum value of SAR (measured) = 0.916 mW/g



0 dB = 0.916mW/g

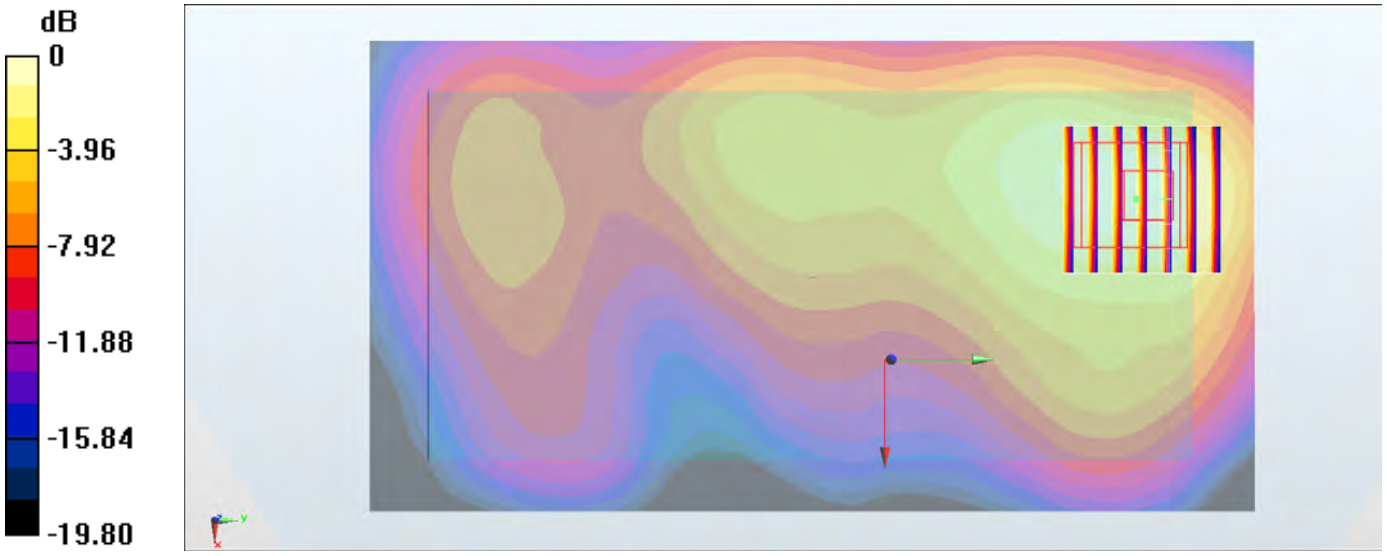
#47_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11;Ant 1

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1.01
Medium: MSL_2450_160424 Medium parameters used: f = 2462 MHz; σ = 1.967 S/m; ε_r = 52.879; 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); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch11/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.381 W/kg

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.04 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.481 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.148 W/kg
Maximum value of SAR (measured) = 0.399 W/kg



0 dB = 0.399 W/kg = -3.99 dBW/kg

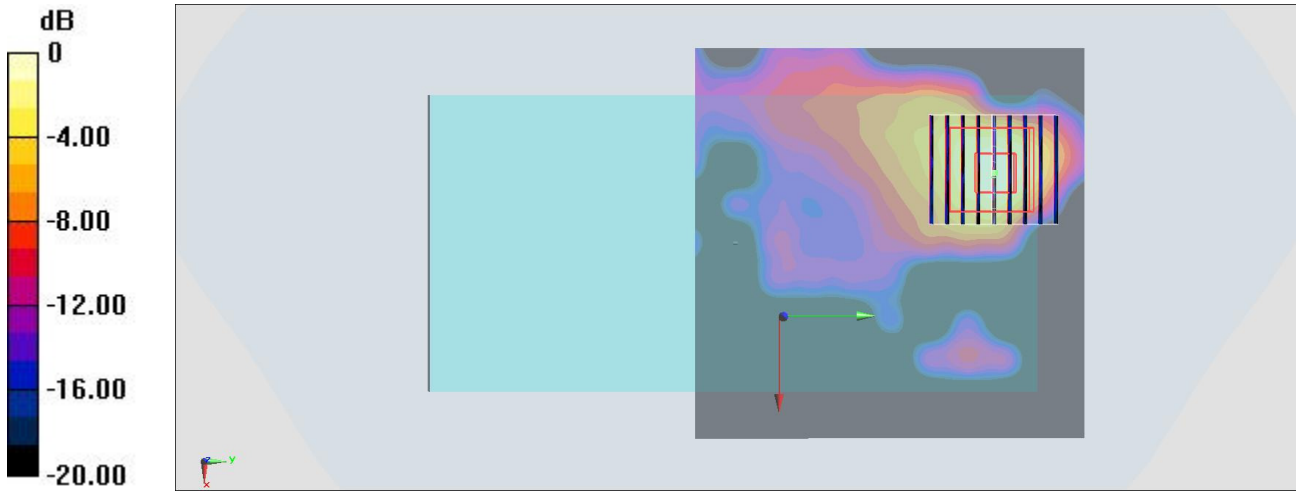
#48_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch52;Ant 1

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1.053
Medium: MSL_5G_160610 Medium parameters used: f = 5260 MHz; σ = 5.539 S/m; ε_r = 49.233; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(4.22, 4.22, 4.22); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch52/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.410 W/kg

Ch52/Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.995 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.576 W/kg
SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.051 W/kg
Maximum value of SAR (measured) = 0.359 W/kg



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

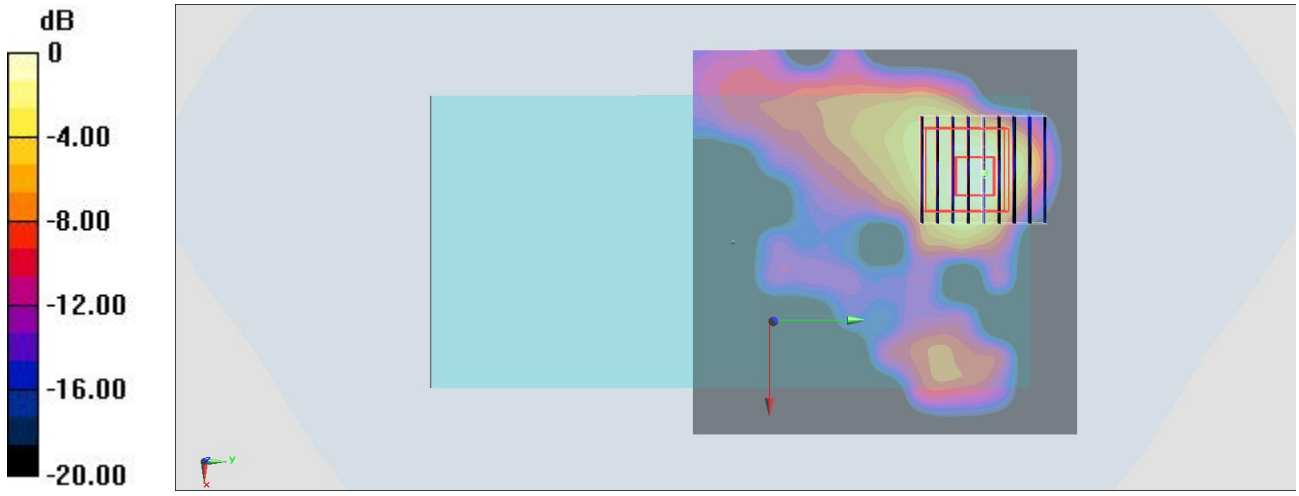
#49_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch100;Ant 1

Communication System: 802.11a; Frequency: 5500 MHz;Duty Cycle: 1:1.053
Medium: MSL_5G_160610 Medium parameters used: f = 5500 MHz; σ = 5.842 S/m; ε_r = 48.828; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(4.02, 4.02, 4.02); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch100/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.406 W/kg

Ch100/Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.980 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.571 W/kg
SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.082 W/kg
Maximum value of SAR (measured) = 0.353 W/kg



0 dB = 0.406 W/kg = -3.91 dBW/kg

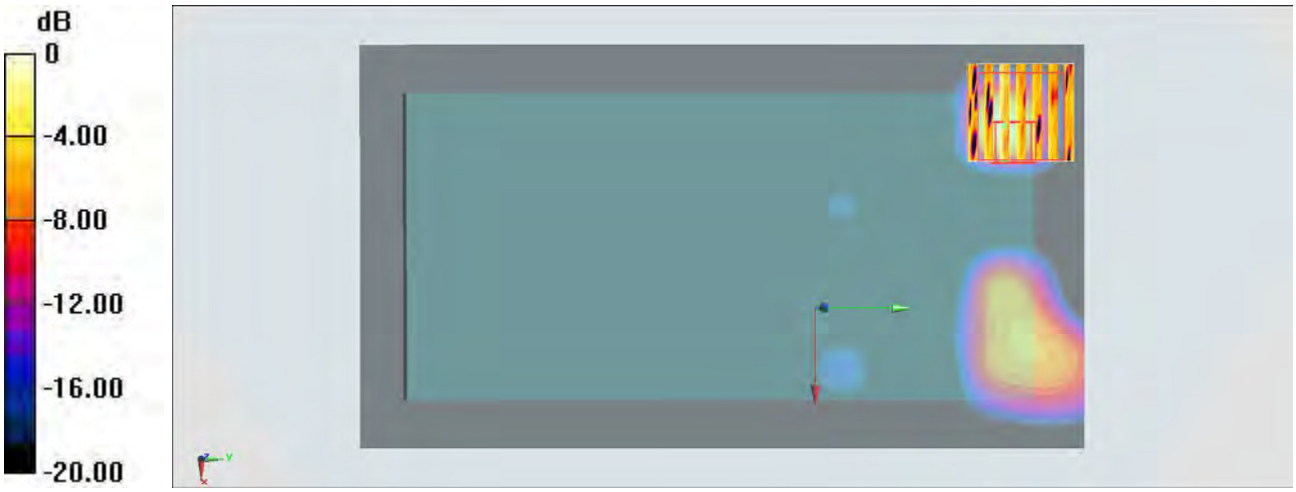
#50_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch149;Ant 1

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1.053
Medium: MSL_5G_160428 Medium parameters used: f = 5745 MHz; σ = 5.967 S/m; ε_r = 45.973; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(3.92, 3.92, 3.92); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch149/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0609 W/kg

Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.360 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.179 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.010 W/kg
Maximum value of SAR (measured) = 0.119 W/kg



0 dB = 0.0609 W/kg = -12.15 dBW/kg