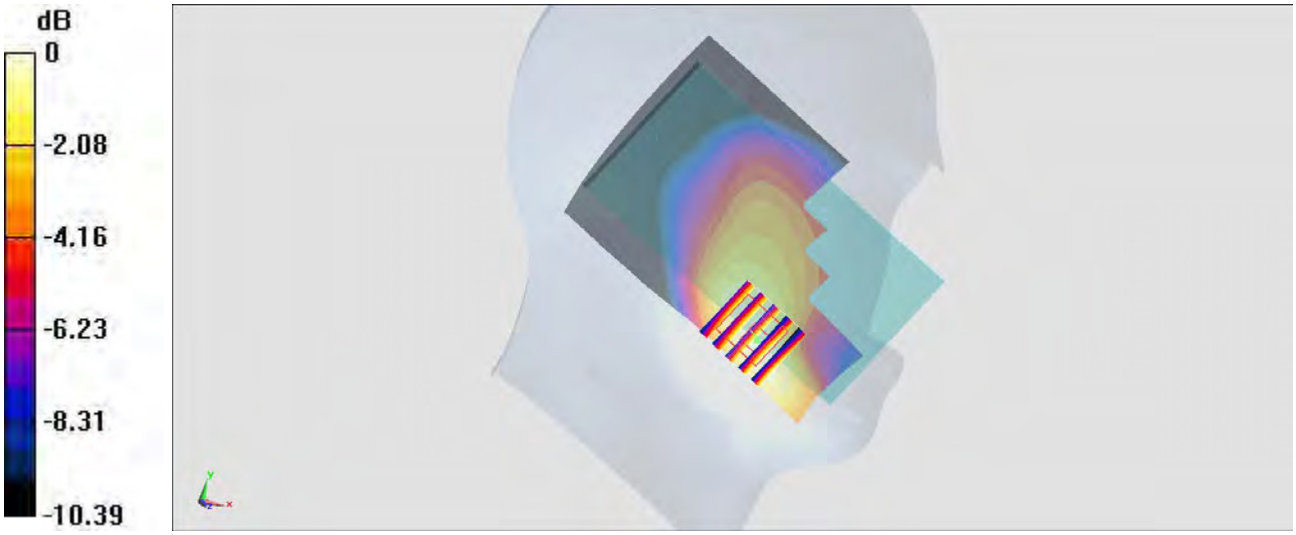
#01_GSM850_GPRS (4 Tx slots)_Left Cheek_Ch189

Communication System: GSM850 ; Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_170316 Medium parameters used : f = 836.4 MHz; σ = 0.902 S/m; ε_r = 42.531; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.03, 6.03, 6.03); Calibrated: 2016/8/26;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/5/12
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.279 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.23 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.333 W/kg
SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.165 W/kg
Maximum value of SAR (measured) = 0.272 W/kg



0 dB = 0.272 W/kg = -5.65 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/9

#02_GSM1900_GPRS (4 Tx slots)_Left Cheek_Ch661

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_170309 Medium parameters used: f = 1880 MHz; σ = 1.368 S/m; ε_r = 40.076; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(7.99, 7.99, 7.99); Calibrated: 2016/5/11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2017/1/6
- Phantom: SAM_Right; Type: SM000T01DA; Serial: TP:1303
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.227 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.14 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.254 W/kg
SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.111 W/kg
Maximum value of SAR (measured) = 0.223 W/kg

0 dB = 0.223 W/kg = -6.52 dBW/kg

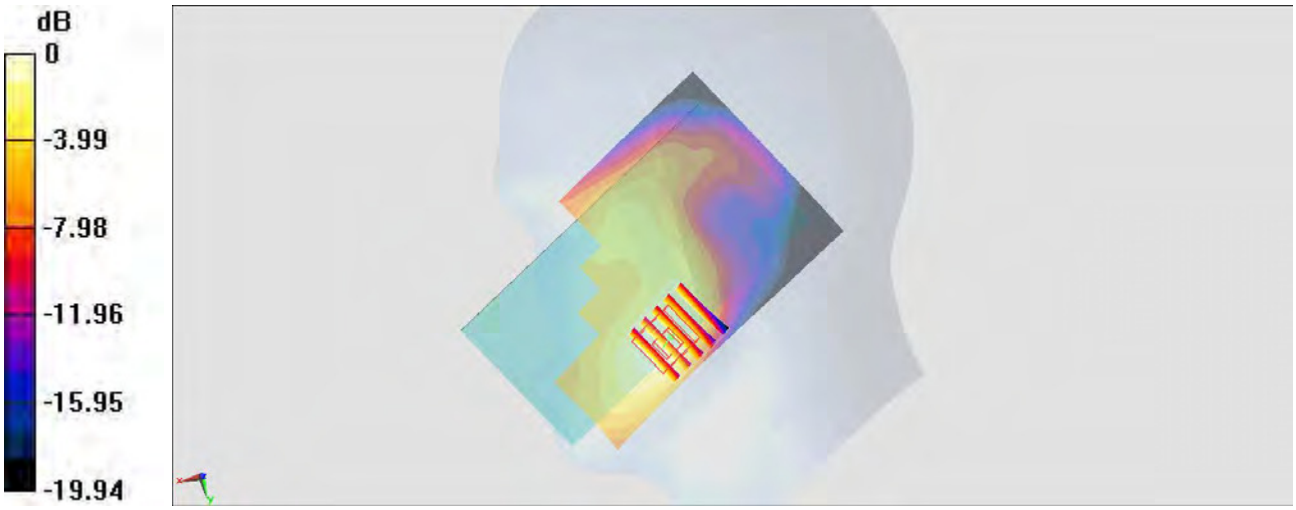
#03_WCDMA II_RMC 12.2Kbps_Right Cheek_Ch9400

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_170224 Medium parameters used: f = 1880 MHz; σ = 1.398 S/m; ε_r = 40.365; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8.43, 8.43, 8.43); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.618 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.24 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.658 W/kg
SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.262 W/kg
Maximum value of SAR (measured) = 0.567 W/kg



0 dB = 0.567 W/kg = -2.46 dBW/kg

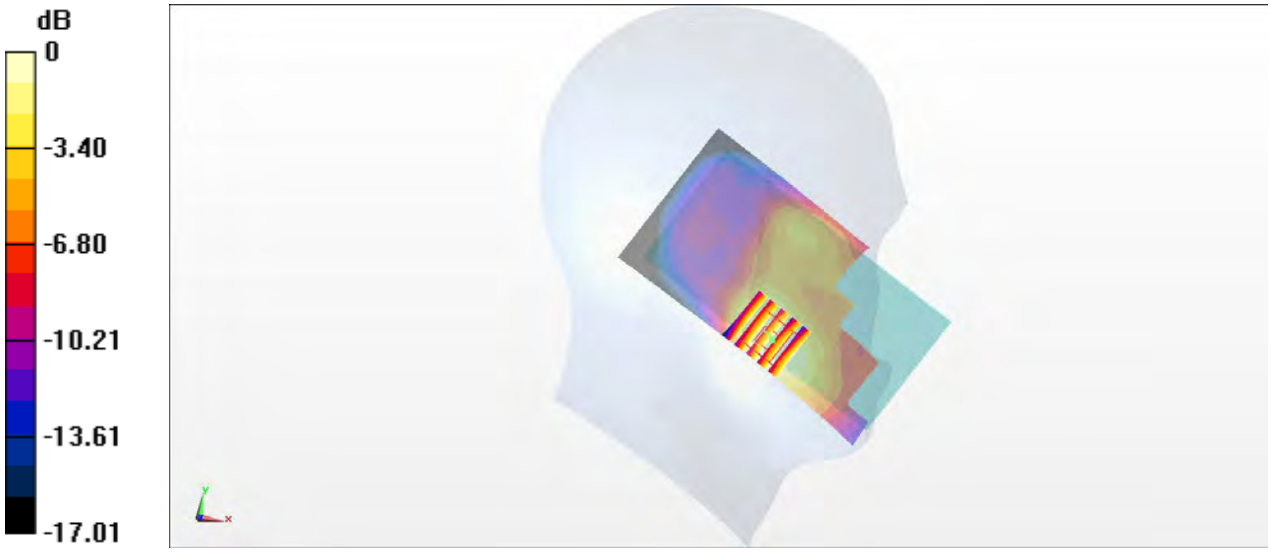
#04_WCDMA IV_RMC 12.2Kbps_Left Cheek_Ch1513

Communication System: WCDMA ; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_170303 Medium parameters used: f = 1753 MHz; σ = 1.372 S/m; ε_r = 38.663; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(8.57, 8.57, 8.57); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM_Right; Type: SM000T01DA; Serial: TP:1303
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.635 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.00 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.727 W/kg
SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.323 W/kg
Maximum value of SAR (measured) = 0.622 W/kg



0 dB = 0.622 W/kg = -2.06 dBW/kg

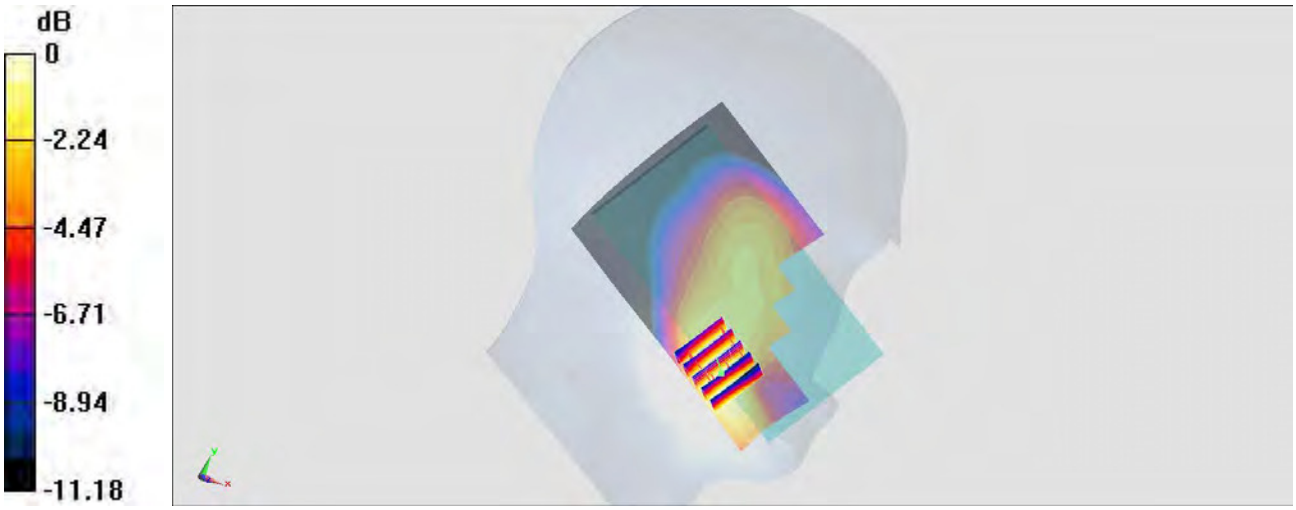
#05_WCDMA V_RMC 12.2Kbps_Left Cheek_Ch4182

Communication System: WCDMA ; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_170219 Medium parameters used : f = 836.4 MHz; σ = 0.887 S/m; ε_r = 43.246; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.33, 10.33, 10.33); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.410 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.75 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.466 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.213 W/kg
Maximum value of SAR (measured) = 0.415 W/kg



0 dB = 0.415 W/kg = -3.82 dBW/kg

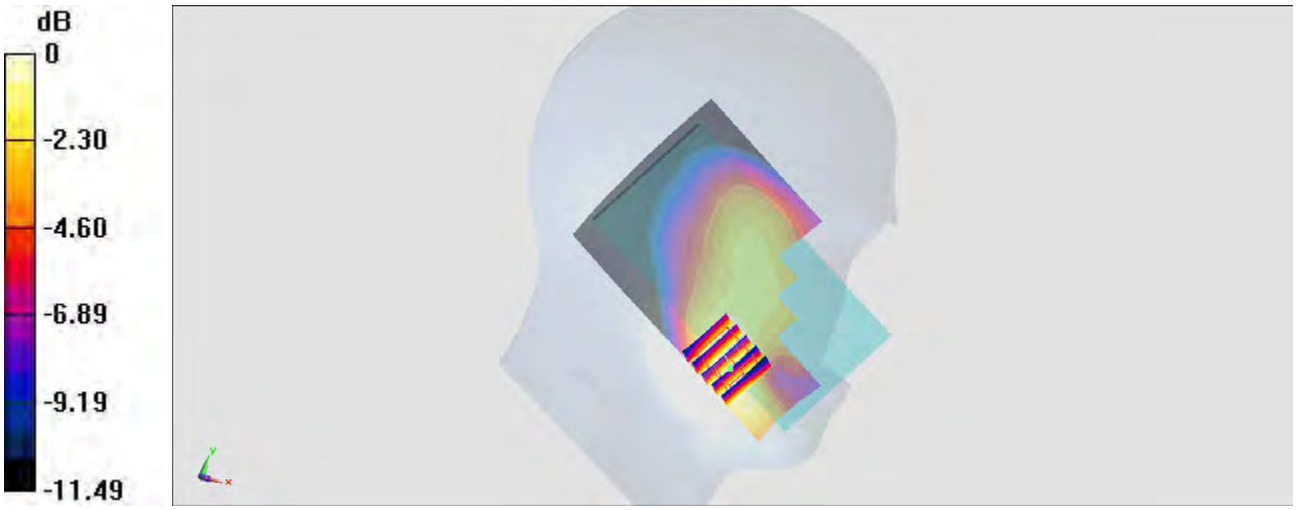
#06_CDMA BC0_1xRTT RC3 SO55_Left Cheek_Ch384

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: HSL_850_170219 Medium parameters used: f = 837 MHz; σ = 0.888 S/m; ε_r = 43.238; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.33, 10.33, 10.33); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.433 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.94 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.499 W/kg
SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.217 W/kg
Maximum value of SAR (measured) = 0.435 W/kg



0 dB = 0.435 W/kg = -3.62 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/9

#07_CDMA BC1_1xRTT RC3 SO55_Left Cheek_Ch25

Communication System: CDMA; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_170309 Medium parameters used: f = 1851.25 MHz; σ = 1.341 S/m; ε_r = 40.175; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(7.99, 7.99, 7.99); Calibrated: 2016/5/11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2017/1/6
- Phantom: SAM_Right; Type: SM000T01DA; Serial: TP:1303
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.496 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.40 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.518 W/kg
SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.235 W/kg
Maximum value of SAR (measured) = 0.459 W/kg

0 dB = 0.459 W/kg = -3.38 dBW/kg

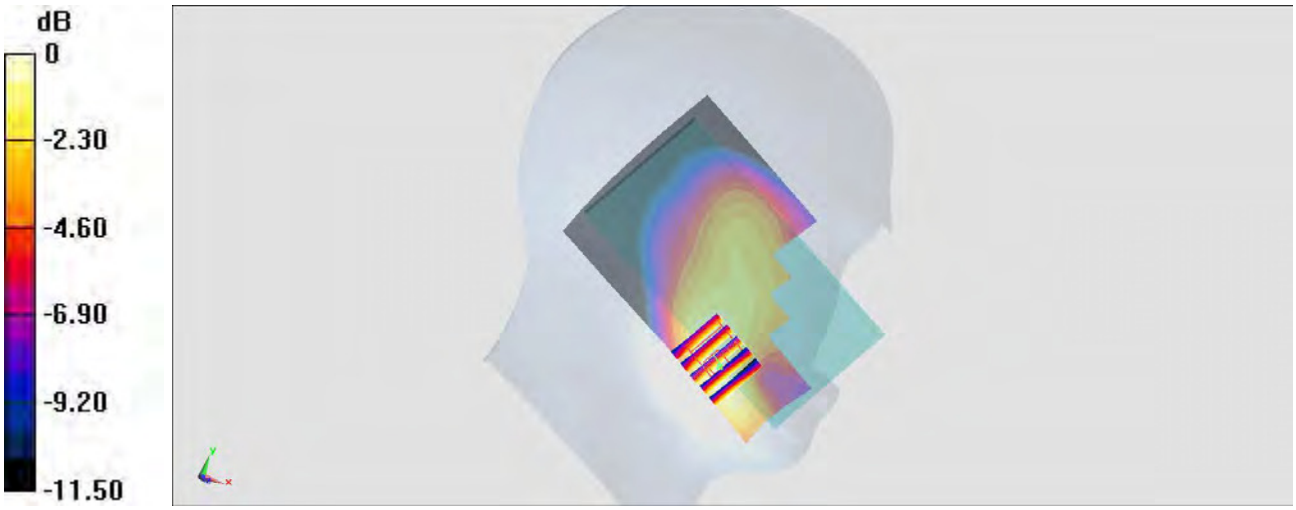
#08_CDMA BC10_1xRTT RC3 SO55_Left Cheek_Ch580

Communication System: CDMA ; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_170219 Medium parameters used : f = 820.5 MHz; σ = 0.874 S/m; ε_r = 43.432; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.33, 10.33, 10.33); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.543 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.25 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.605 W/kg
SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.275 W/kg
Maximum value of SAR (measured) = 0.537 W/kg



0 dB = 0.537 W/kg = -2.70 dBW/kg

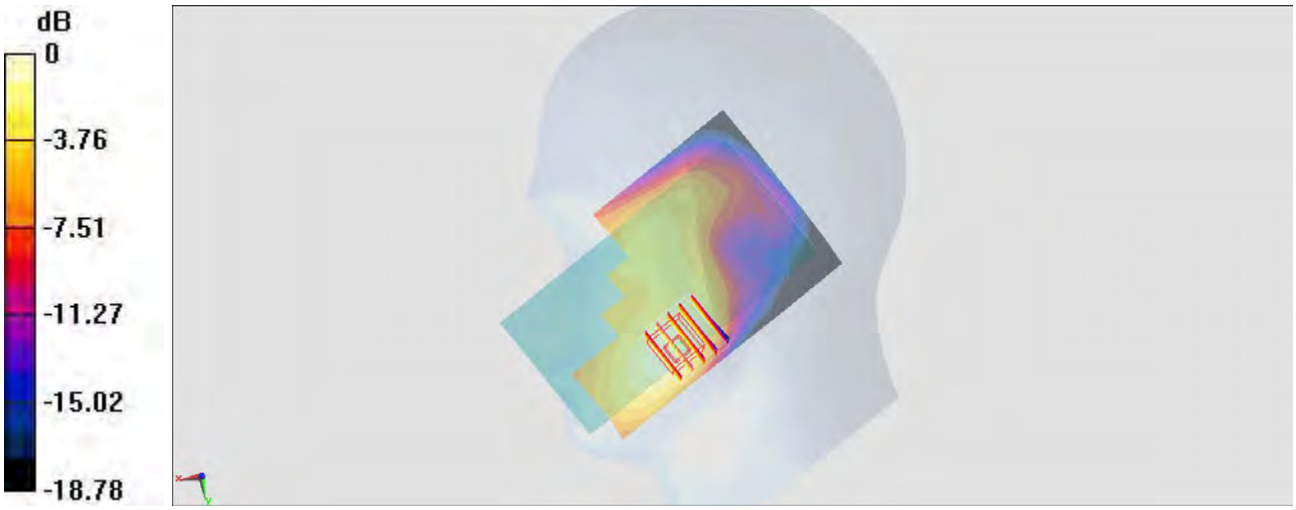
#09_LTE Band 2_20M_QPSK_1_0_Right Cheek_Ch18700

Communication System: LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_170224 Medium parameters used: f = 1860 MHz; σ = 1.379 S/m; ε_r = 40.443; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8.43, 8.43, 8.43); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.474 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.49 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.514 W/kg
SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.213 W/kg
Maximum value of SAR (measured) = 0.444 W/kg



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

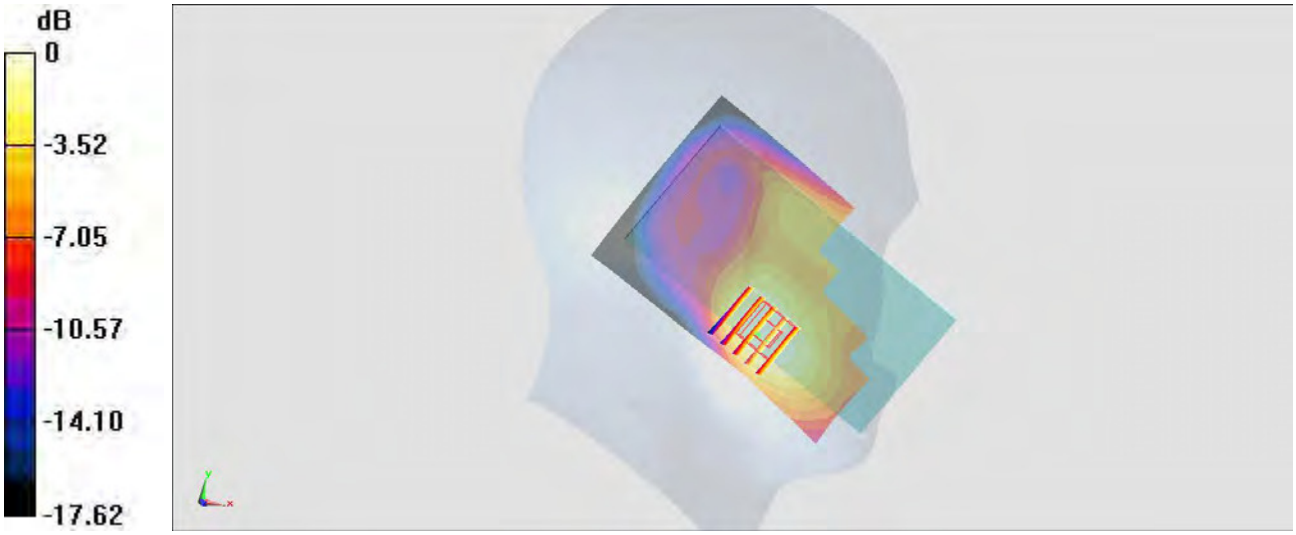
#10_LTE Band 4_20M_QPSK_1_99_Left Cheek_Ch20175

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_170308 Medium parameters used: f = 1732.5 MHz; σ = 1.347 S/m; ε_r = 38.584; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(8.68, 8.68, 8.68); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.589 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.436 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.620 W/kg
SAR(1 g) = 0.430 W/kg; SAR(10 g) = 0.288 W/kg
Maximum value of SAR (measured) = 0.540 W/kg



0 dB = 0.540 W/kg = -2.68 dBW/kg

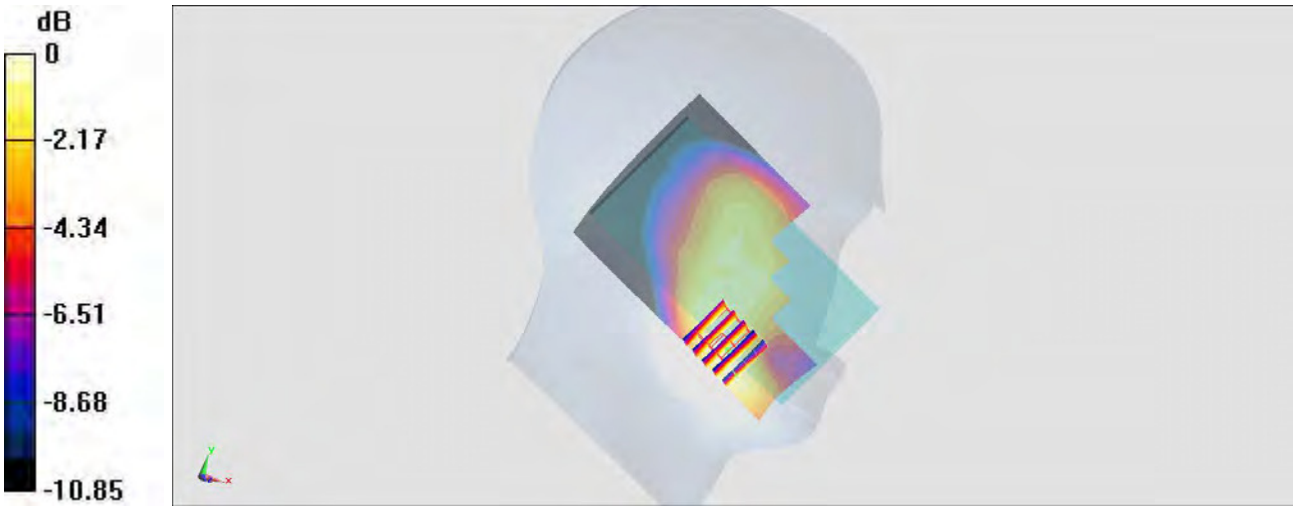
#11_LTE Band 5_10M_QPSK_1_0_Left Cheek_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_170219 Medium parameters used: f = 836.5 MHz; σ = 0.888 S/m; ε_r = 43.245; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.33, 10.33, 10.33); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.450 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.03 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.536 W/kg
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.251 W/kg
Maximum value of SAR (measured) = 0.457 W/kg



0 dB = 0.457 W/kg = -3.40 dBW/kg

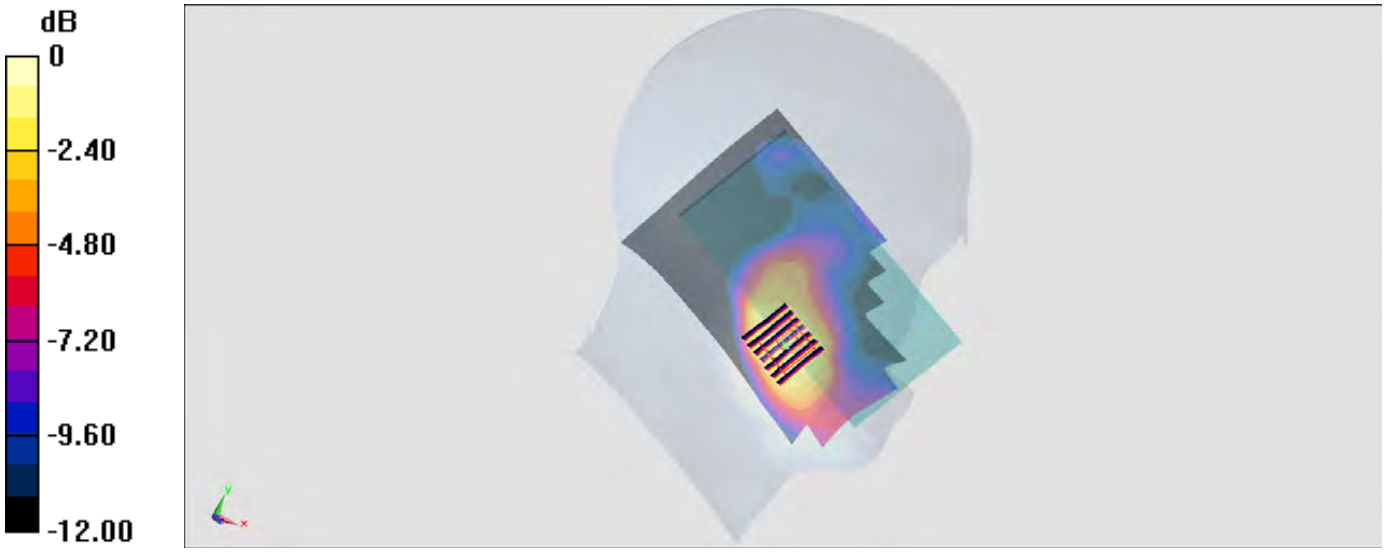
#12_LTE Band 7_20M_QPSK_1_49_Left Cheek_Ch21100

Communication System: LTE ; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_170304 Medium parameters used : f = 2535 MHz; σ = 1.965 S/m; ε_r = 37.996; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.28, 7.28, 7.28); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.541 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.91 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.721 W/kg
SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.220 W/kg
Maximum value of SAR (measured) = 0.591 W/kg



0 dB = 0.591 W/kg = -2.28 dBW/kg

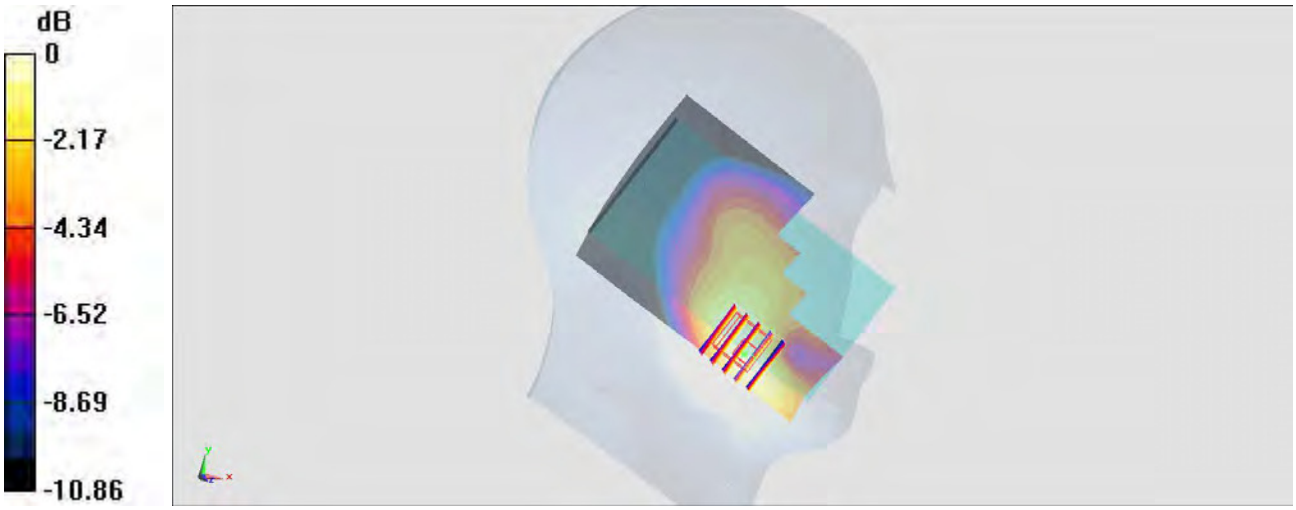
#13_LTE Band 12_10M_QPSK_1_25_Left Cheek_Ch23095

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_170222 Medium parameters used: f = 707.5 MHz; σ = 0.853 S/m; ε_r = 44.02; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.65, 10.65, 10.65); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.280 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.21 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.309 W/kg
SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.147 W/kg
Maximum value of SAR (measured) = 0.271 W/kg



0 dB = 0.271 W/kg = -5.67 dBW/kg

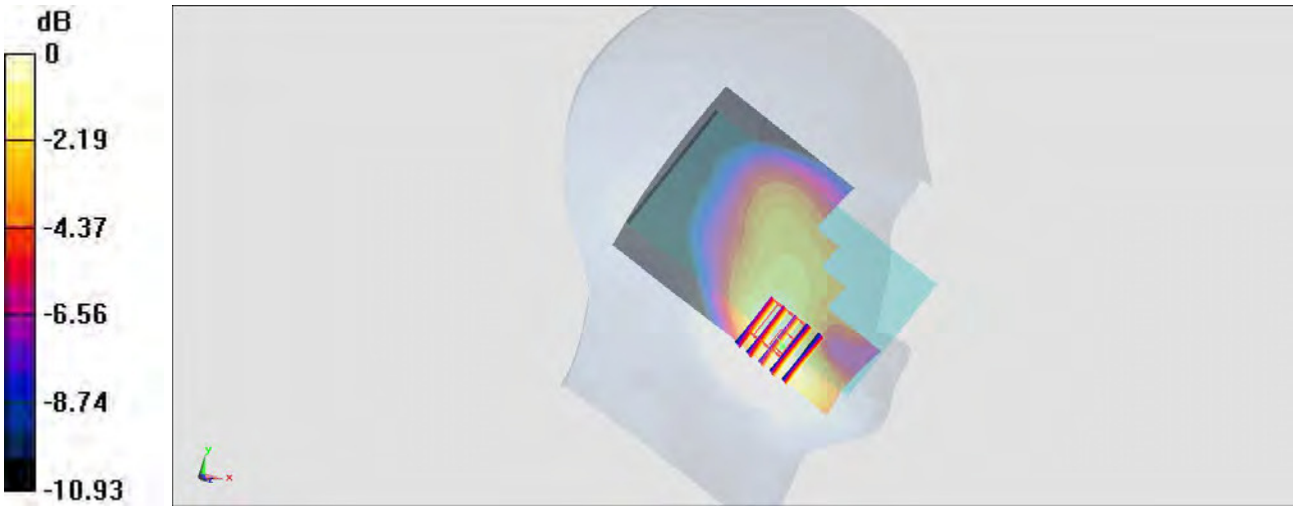
#14_LTE Band 13_10M_QPSK_1_49_Left Cheek_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_170222 Medium parameters used: f = 782 MHz; σ = 0.916 S/m; ε_r = 43.021; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.65, 10.65, 10.65); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.443 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.06 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.496 W/kg
SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.234 W/kg
Maximum value of SAR (measured) = 0.440 W/kg



0 dB = 0.440 W/kg = -3.57 dBW/kg

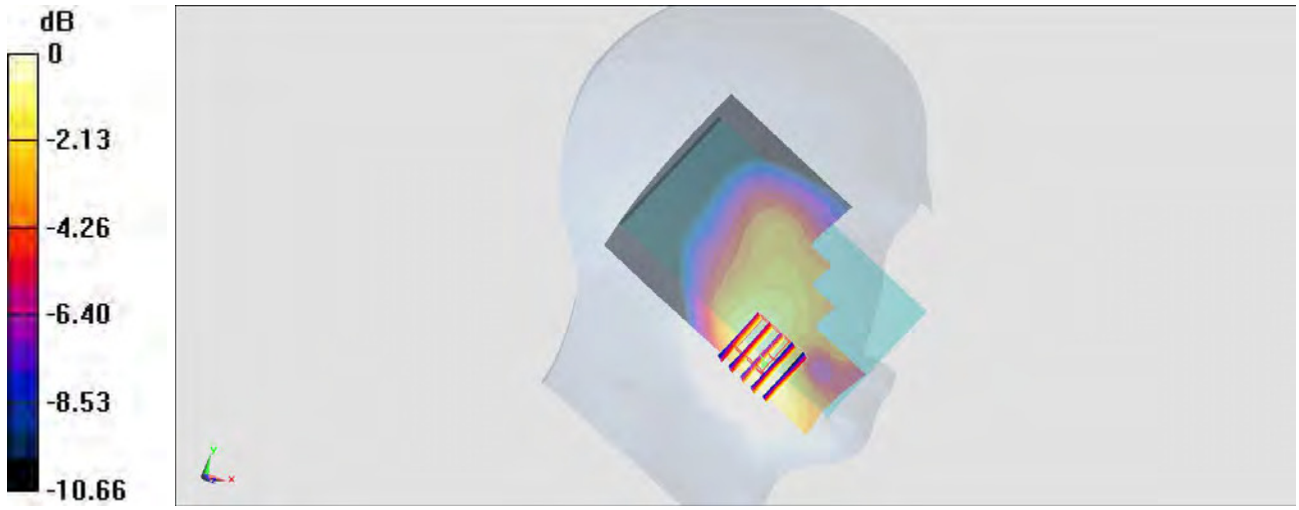
#15_LTE Band 17_10M_QPSK_1_25_Left Cheek_Ch23790

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_170222 Medium parameters used: f = 710 MHz; σ = 0.855 S/m; ε_r = 43.989; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.65, 10.65, 10.65); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.344 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.35 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.388 W/kg
SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.187 W/kg
Maximum value of SAR (measured) = 0.339 W/kg



0 dB = 0.339 W/kg = -4.70 dBW/kg

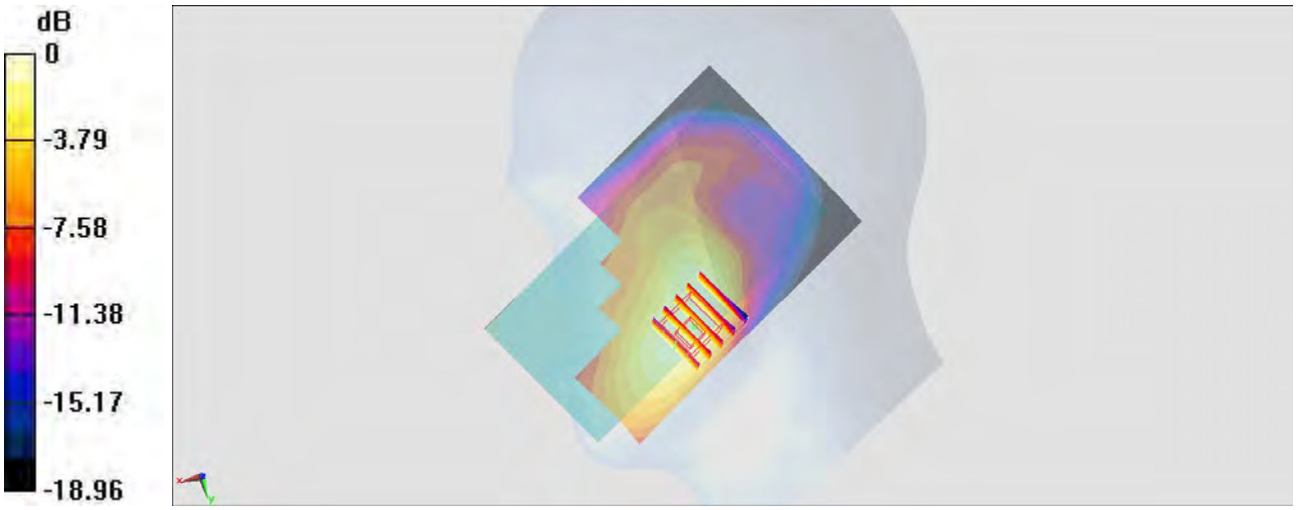
#16_LTE Band 25_20M_QPSK_1_0_Right Cheek_Ch26140

Communication System:LTE ; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_170224 Medium parameters used: f = 1860 MHz; σ = 1.379 S/m; ε_r = 40.443; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8.43, 8.43, 8.43); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.708 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.20 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.786 W/kg
SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.321 W/kg
Maximum value of SAR (measured) = 0.663 W/kg



0 dB = 0.663 W/kg = -1.78 dBW/kg

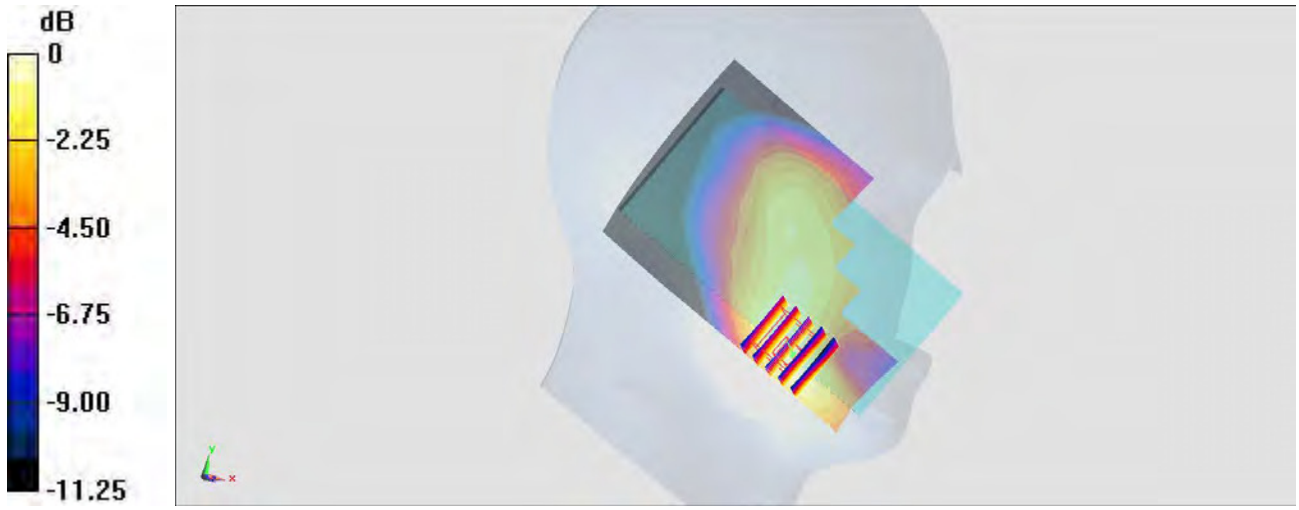
#17_LTE Band 26_15M_QPSK_1_74_Left Cheek_Ch26865

Communication System: LTE ; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_170219 Medium parameters used : f = 831.5 MHz; σ = 0.883 S/m; ε_r = 43.304; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.33, 10.33, 10.33); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.430 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.11 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.496 W/kg
SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.225 W/kg
Maximum value of SAR (measured) = 0.441 W/kg



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

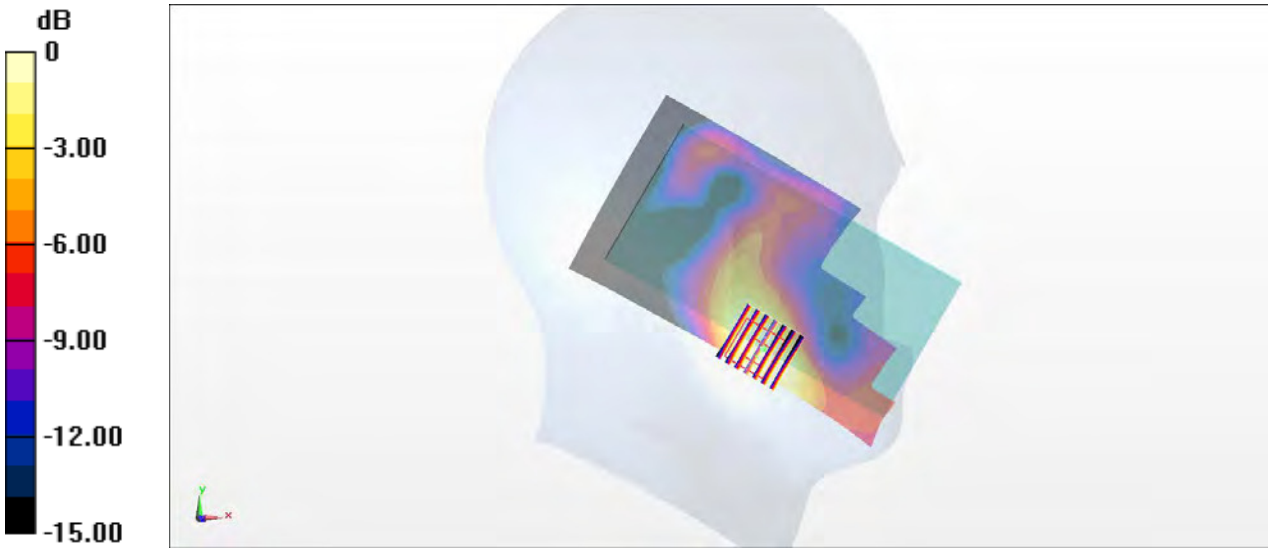
#18_LTE Band 30_10M_QPSK_1_0_Left Cheek_Ch27710

Communication System: LTE ; Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: HSL_2300_170308 Medium parameters used: f = 2310 MHz; σ = 1.658 S/m; ε_r = 41.037; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(7.77, 7.77, 7.77); Calibrated: 2016/5/11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2017/1/6
- Phantom: SAM_Right; Type: SM000T01DA; Serial: TP:1303
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.362 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.15 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.409 W/kg
SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.142 W/kg
Maximum value of SAR (measured) = 0.348 W/kg



0 dB = 0.348 W/kg = -4.58 dBW/kg

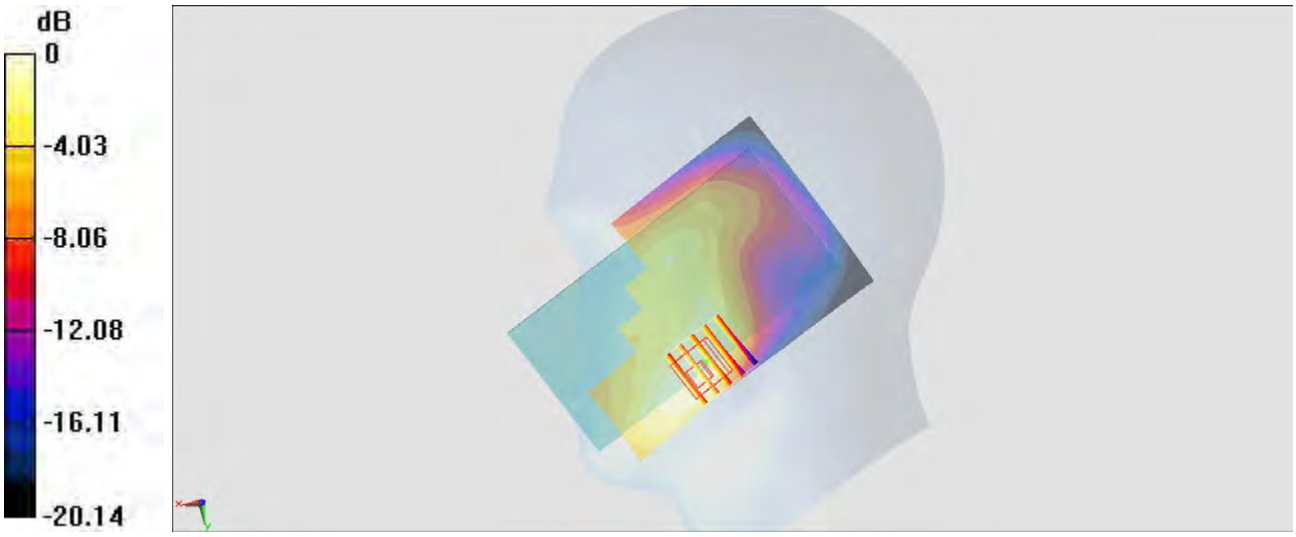
#19_LTE Band 66_20M_QPSK_1_99_Right Cheek_Ch132322

Communication System: LTE; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750_170308 Medium parameters used: f = 1745 MHz; σ = 1.36 S/m; ε_r = 38.531; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(8.68, 8.68, 8.68); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.565 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.820 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.602 W/kg
SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.268 W/kg
Maximum value of SAR (measured) = 0.531 W/kg



0 dB = 0.531 W/kg = -2.75 dBW/kg

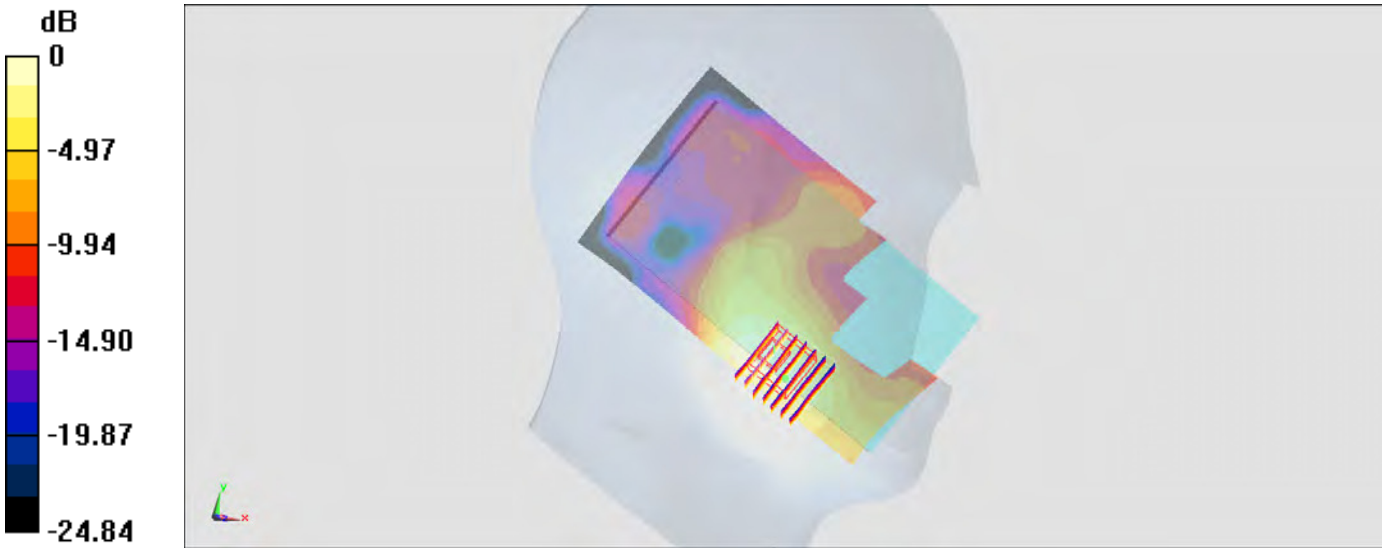
#20_LTE Band 38_20M_QPSK_1_49_Left Cheek_Ch38000

Communication System: LTE; Frequency: 2595 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_170304 Medium parameters used : f = 2595 MHz; σ = 2.038 S/m; ε_r = 37.765; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.28, 7.28, 7.28); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.290 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.04 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.407 W/kg
SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.104 W/kg
Maximum value of SAR (measured) = 0.333 W/kg



0 dB = 0.333 W/kg = -4.78 dBW/kg

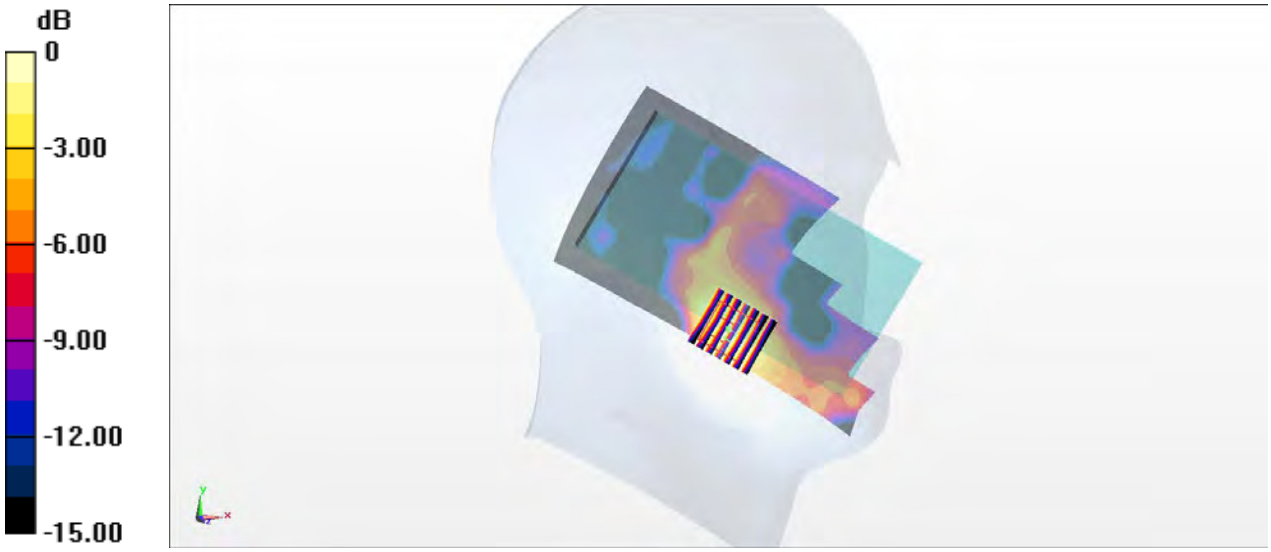
#21_LTE Band 41_20M_QPSK_1_99_Left Cheek_Ch40185

Communication System: LTE ; Frequency: 2549.5 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_170308 Medium parameters used: f = 2550 MHz; σ = 1.933 S/m; ε_r = 40.106; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(7.28, 7.28, 7.28); Calibrated: 2016/5/11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2017/1/6
- Phantom: SAM_Right; Type: SM000T01DA; Serial: TP:1303
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.348 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.32 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.436 W/kg
SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.123 W/kg
Maximum value of SAR (measured) = 0.361 W/kg



0 dB = 0.361 W/kg = -4.42 dBW/kg

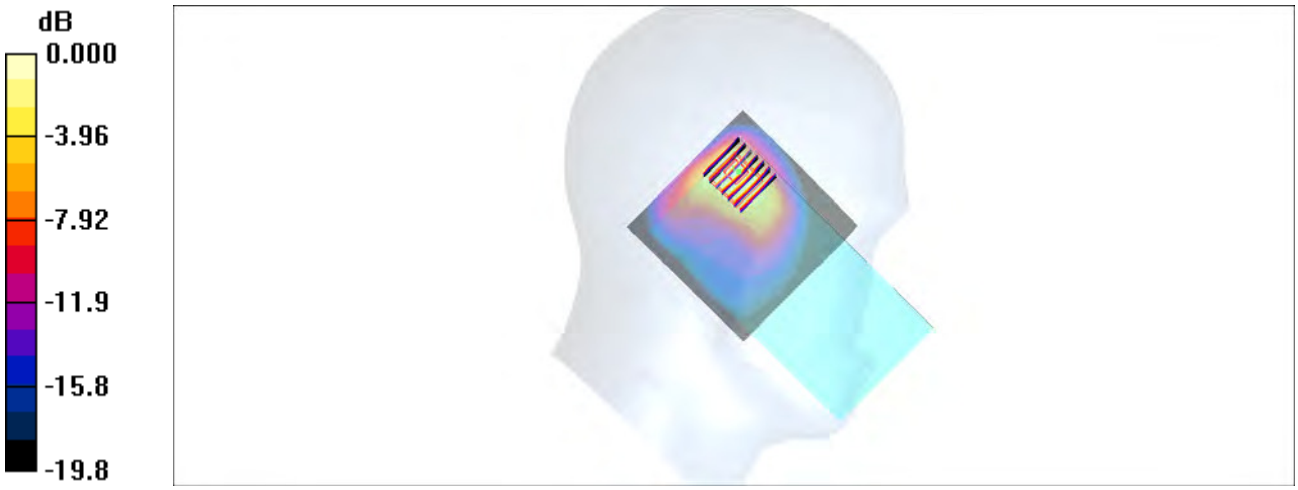
#22_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.024
Medium: HSL_2450_170308 Medium parameters used: f = 2412 MHz; σ = 1.78 mho/m; ε_r = 40.6; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(7.56, 7.56, 7.56); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (81x81x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.91 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.0 V/m; Power Drift = 0.014 dB
Peak SAR (extrapolated) = 2.32 W/kg
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.579 mW/g
Maximum value of SAR (measured) = 1.91 mW/g



0 dB = 1.91mW/g

#23_WLAN5GHz_802.11n-HT40 MCS0_Left Cheek_Ch54

Communication System: 802.11n; Frequency: 5270 MHz;Duty Cycle: 1:1.175
Medium: HSL_5G_170306 Medium parameters used: f = 5270 MHz; σ = 4.7 mho/m; ε_r = 37.3; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(5.38, 5.38, 5.38); Calibrated: 2016/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.01 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.8 V/m; Power Drift = -0.149 dB
Peak SAR (extrapolated) = 4.42 W/kg
SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.293 mW/g
Maximum value of SAR (measured) = 2.54 mW/g

0 dB = 2.54mW/g

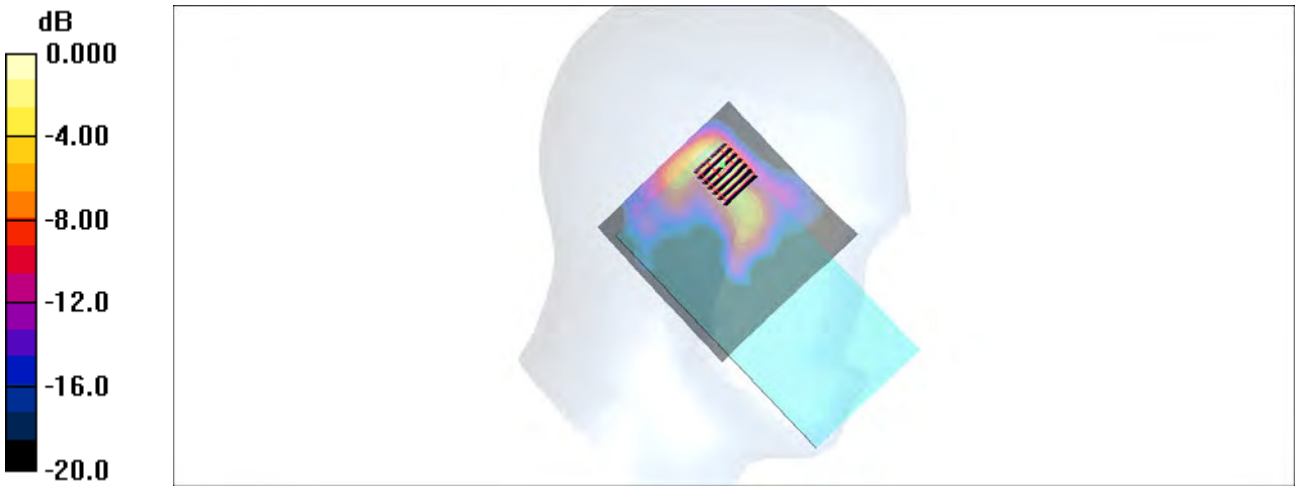
#24_WLAN5GHz_802.11n-HT40 MCS0_Left Cheek_Ch134

Communication System: 802.11n; Frequency: 5670 MHz;Duty Cycle: 1:1.175
Medium: HSL_5G_170306 Medium parameters used: f = 5670 MHz; σ = 5.11 mho/m; ε_r = 36.7; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.68, 4.68, 4.68); Calibrated: 2016/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.44 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.6 V/m; Power Drift = -0.045 dB
Peak SAR (extrapolated) = 6.03 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.321 mW/g
Maximum value of SAR (measured) = 2.98 mW/g



0 dB = 2.98mW/g

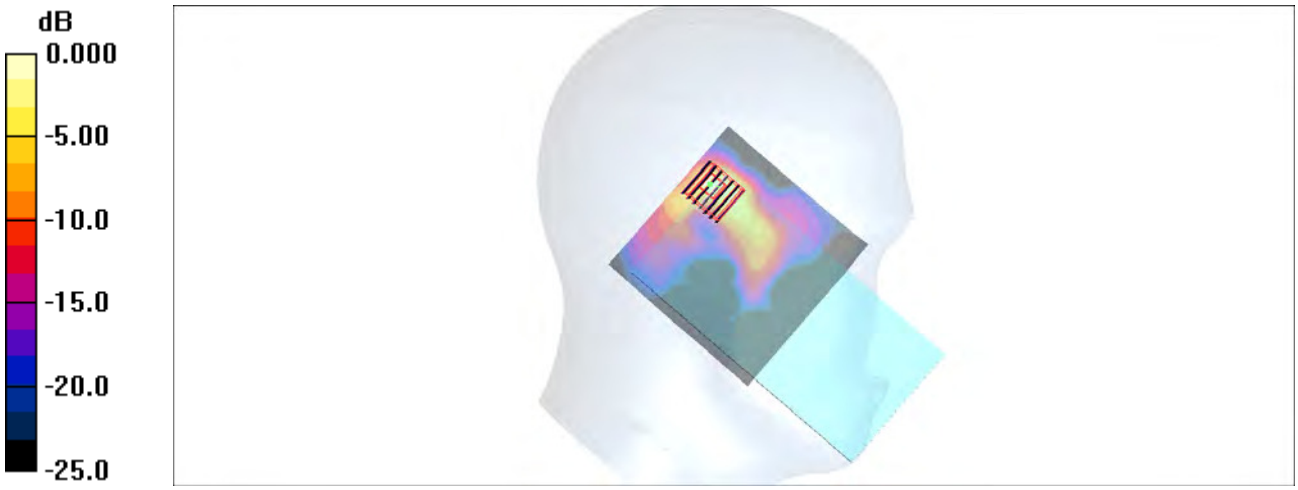
#25_WLAN5GHz_802.11n-HT40 MCS0_Left Cheek_Ch151

Communication System: 802.11n; Frequency: 5755 MHz;Duty Cycle: 1:1.175
Medium: HSL_5G_170306 Medium parameters used: f = 5755 MHz; σ = 5.2 mho/m; ε_r = 36.6; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.84, 4.84, 4.84); Calibrated: 2016/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.82 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.2 V/m; Power Drift = -0.131 dB
Peak SAR (extrapolated) = 6.76 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.296 mW/g
Maximum value of SAR (measured) = 3.31 mW/g



0 dB = 3.31mW/g

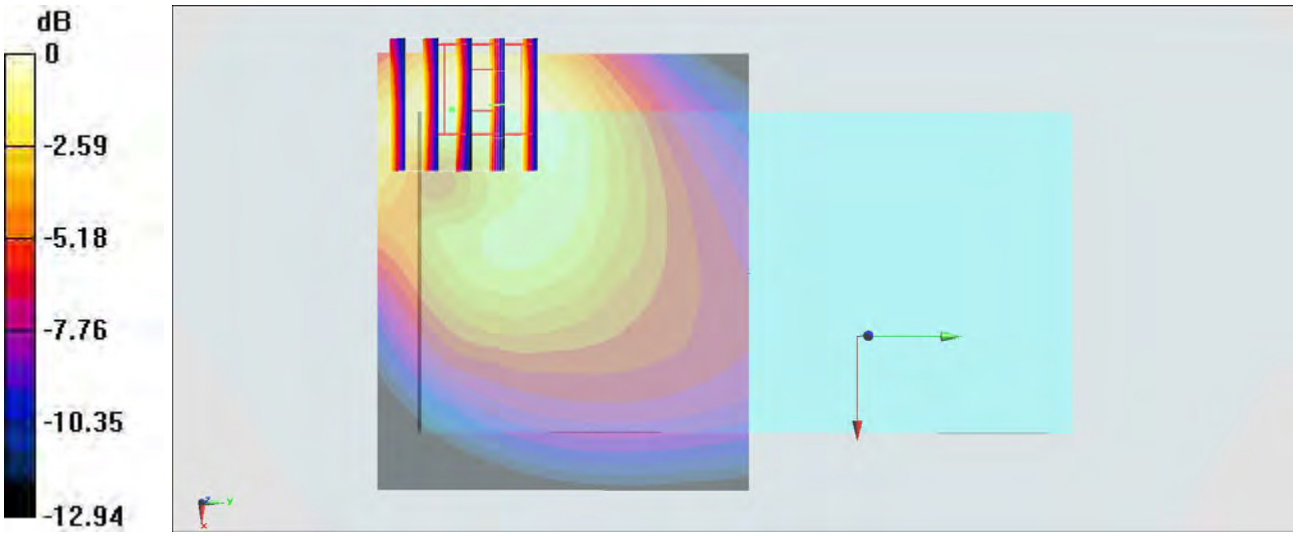
#26_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch189

Communication System: GSM850 ; Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_170316 Medium parameters used : f = 836.4 MHz; σ = 0.948 S/m; ε_r = 54.74; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.01, 6.01, 6.01); Calibrated: 2016/8/26;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/5/12
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.865 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.77 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.440 W/kg
Maximum value of SAR (measured) = 0.901 W/kg



0 dB = 0.901 W/kg = -0.45 dBW/kg

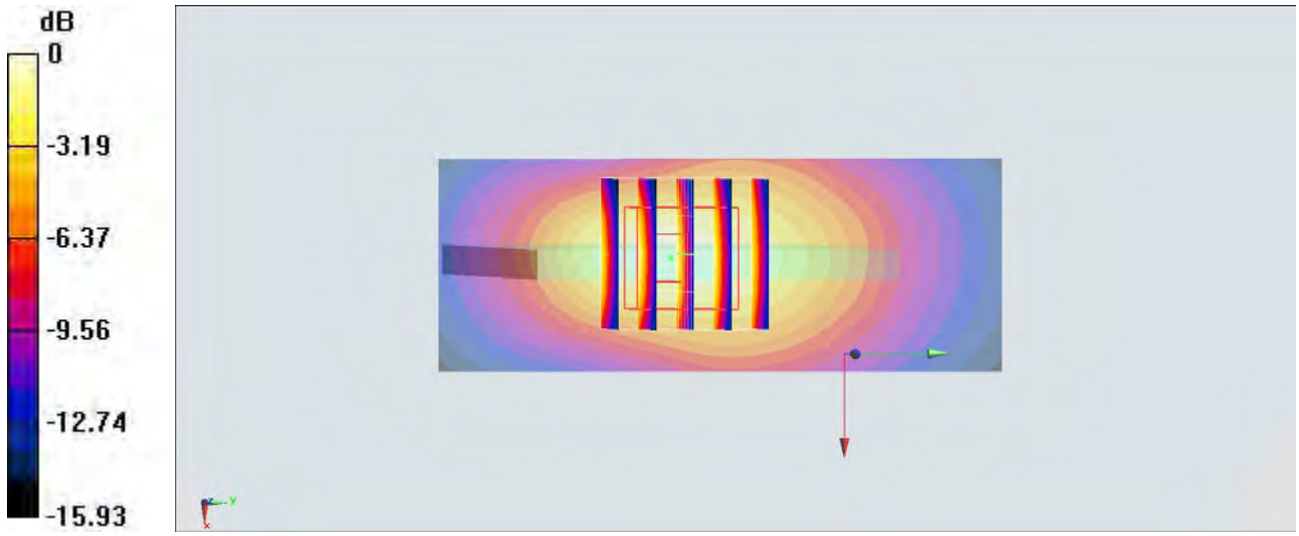
#27_GSM1900_GPRS (4 Tx slots)_Bottom Side_10mm_Ch512

Communication System: PCS ; Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_170305 Medium parameters used : f = 1850.2 MHz; σ = 1.47 S/m; ε_r = 53.159; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8, 8, 8); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (31x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.686 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.85 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.861 W/kg
SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.271 W/kg
Maximum value of SAR (measured) = 0.716 W/kg



0 dB = 0.716 W/kg = -1.45 dBW/kg

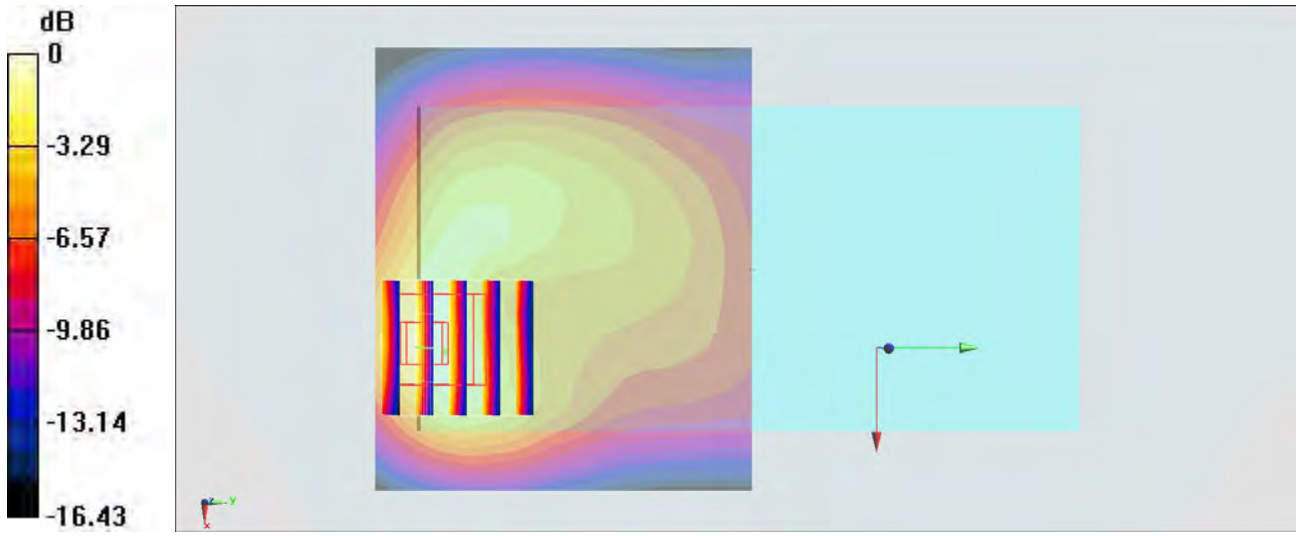
#28_WCDMA II_RMC 12.2Kbps_Front_10mm_Ch9538

Communication System: WCDMA ; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_170227 Medium parameters used: f = 1908 MHz; σ = 1.54 S/m; ε_r = 51.588; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8, 8, 8); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.28 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.510 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



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

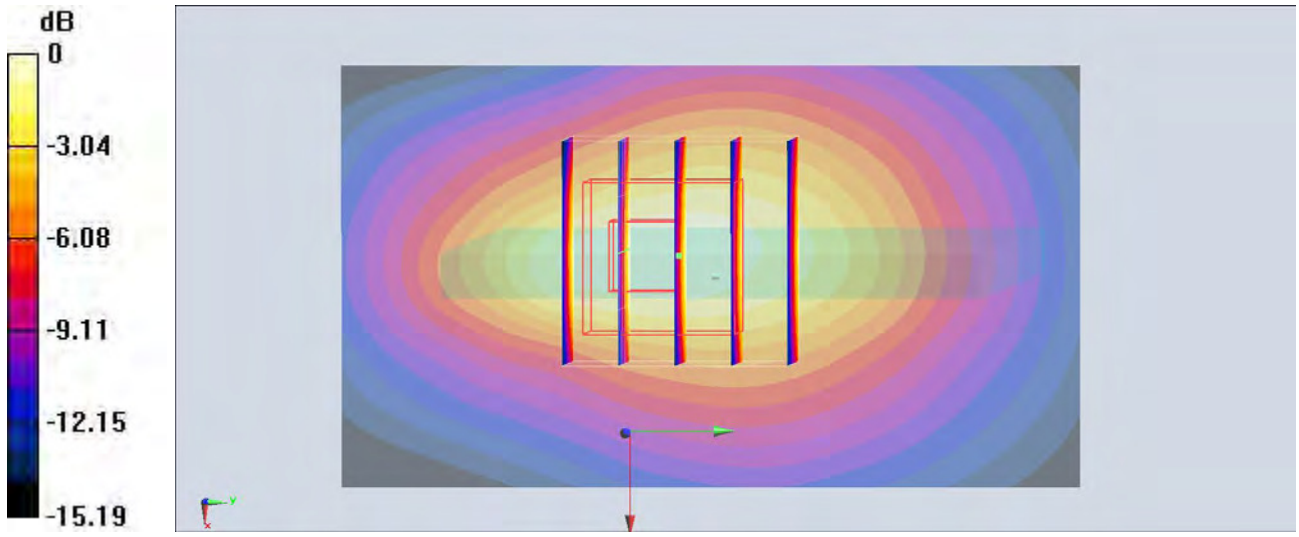
#29_WCDMA IV_RMC 12.2Kbps_Bottom Side_10mm_Ch1513

Communication System: WCDMA ; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_170228 Medium parameters used: f = 1753 MHz; σ = 1.455 S/m; ε_r = 53.543; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8.31, 8.31, 8.31); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.34 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.71 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.537 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



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

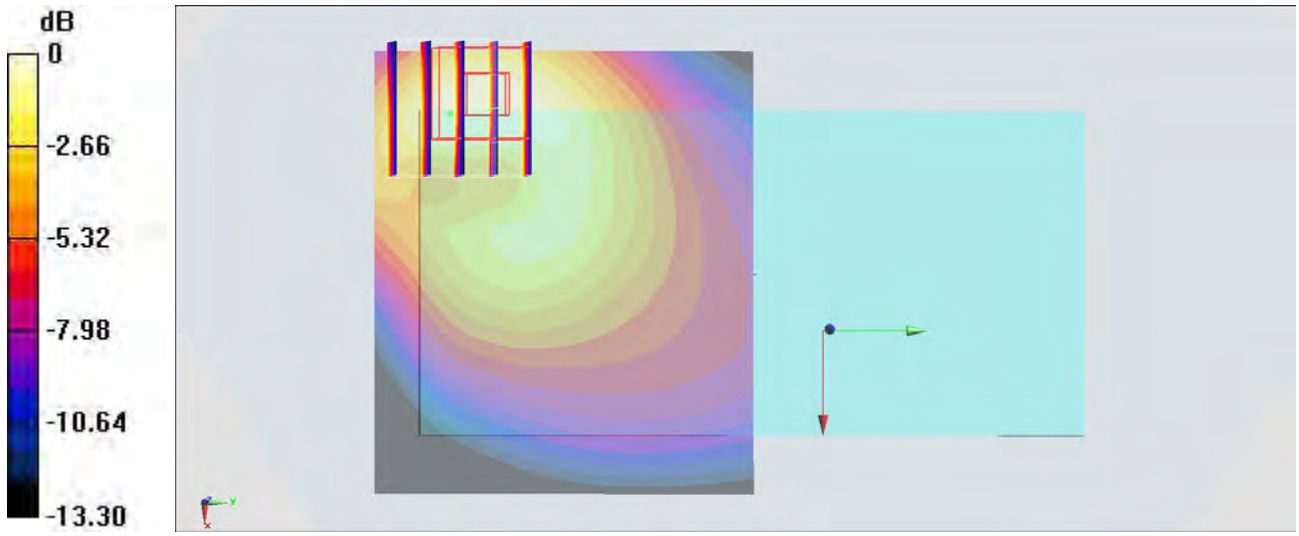
#30_WCDMA V_RMC 12.2Kbps_Front_10mm_Ch4132

Communication System: WCDMA ; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_170303 Medium parameters used : f = 826.4 MHz; σ = 0.968 S/m; ε_r = 54.194; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.18, 10.18, 10.18); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.49 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.795 W/kg; SAR(10 g) = 0.457 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

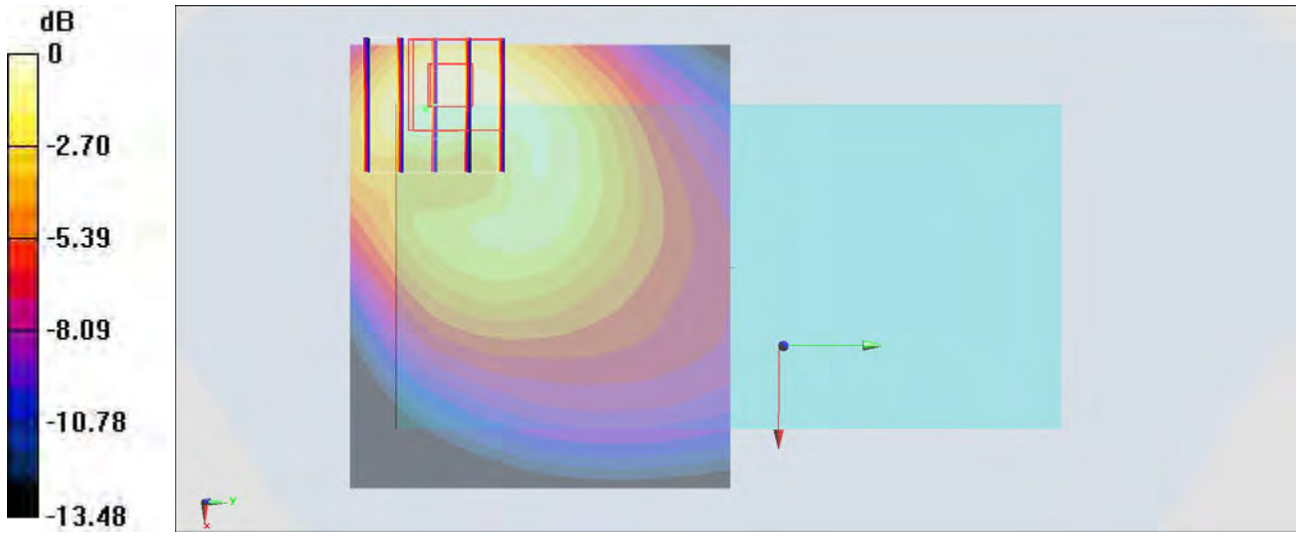
#31_CDMA BC0_RTAP 153.6Kbps_Front_10mm_Ch1013

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_850_170309 Medium parameters used: f = 825 MHz; σ = 1.005 S/m; ε_r = 53.638; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.36 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.53 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.509 W/kg
Maximum value of SAR (measured) = 1.28 W/kg



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

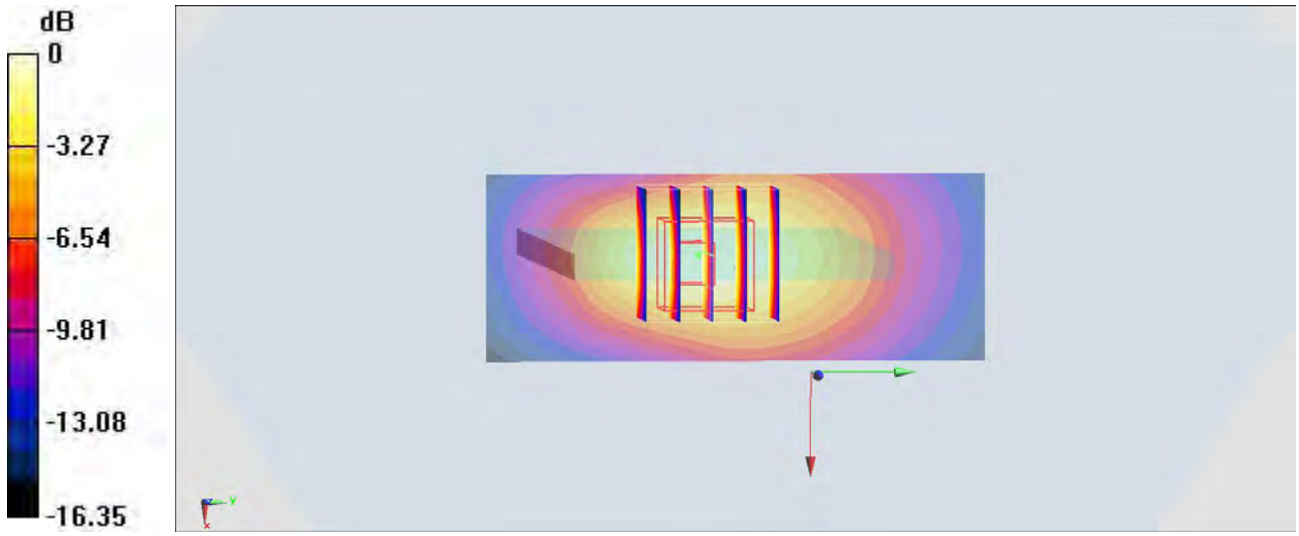
#32_CDMA BC1_RTAP 153.6Kbps_Bottom Side_10mm_Ch25

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_170305 Medium parameters used : f = 1851.25 MHz; σ = 1.471 S/m; ε_r = 53.155; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8, 8, 8); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (31x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.36 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.76 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.966 W/kg; SAR(10 g) = 0.541 W/kg
Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

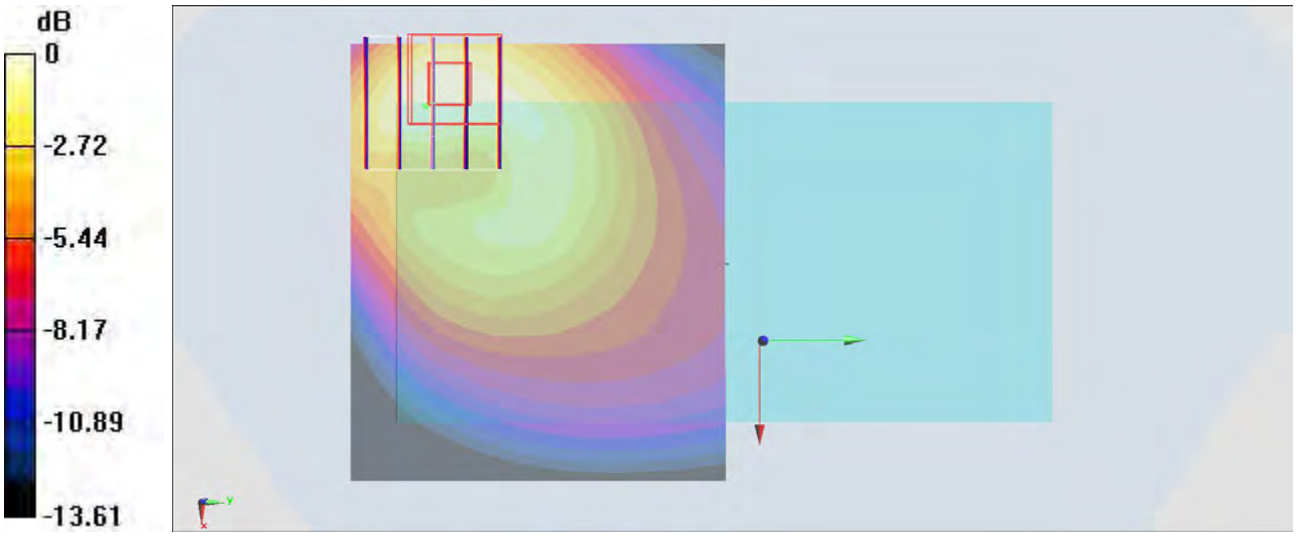
#33_CDMA BC10_RTAP 153.6Kbps_Front_10mm_Ch580

Communication System: CDMA ; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_170309 Medium parameters used: f = 820.5 MHz; σ = 1.001 S/m; ε_r = 53.682; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.430 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.666 W/kg; SAR(10 g) = 0.380 W/kg
Maximum value of SAR (measured) = 0.956 W/kg



0 dB = 0.956 W/kg = -0.20 dBW/kg

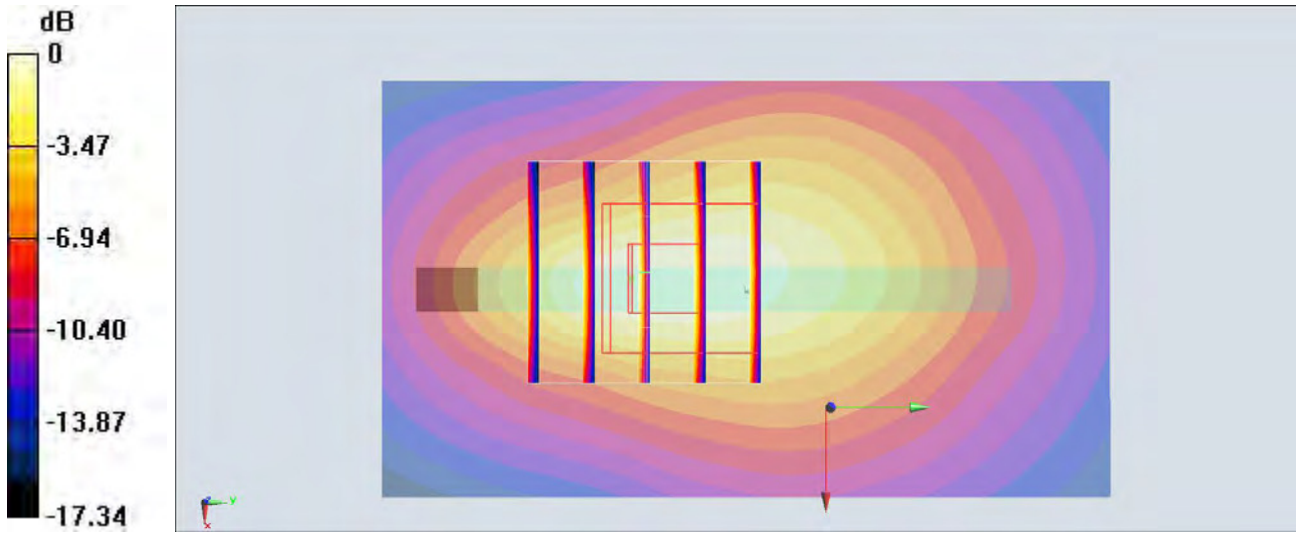
#34_LTE Band 2_20M_QPSK_1_0_Bottom Side_10mm_Ch19100

Communication System: LTE ; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_170227 Medium parameters used: f = 1900 MHz; σ = 1.532 S/m; ε_r = 51.624; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8, 8, 8); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.32 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.431 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



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

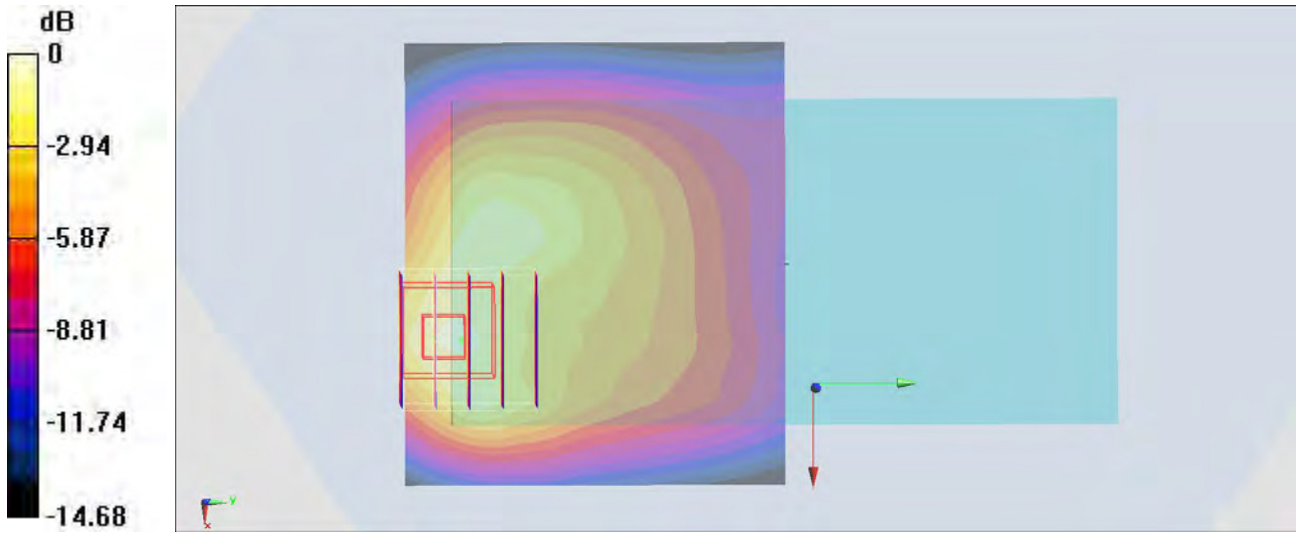
#35_LTE Band 4_20M_QPSK_100_0_Front_10mm_Ch20175

Communication System: LTE ; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_170306 Medium parameters used : f = 1732.5 MHz; σ = 1.483 S/m; ε_r = 55.233; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8.31, 8.31, 8.31); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.960 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.86 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.463 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

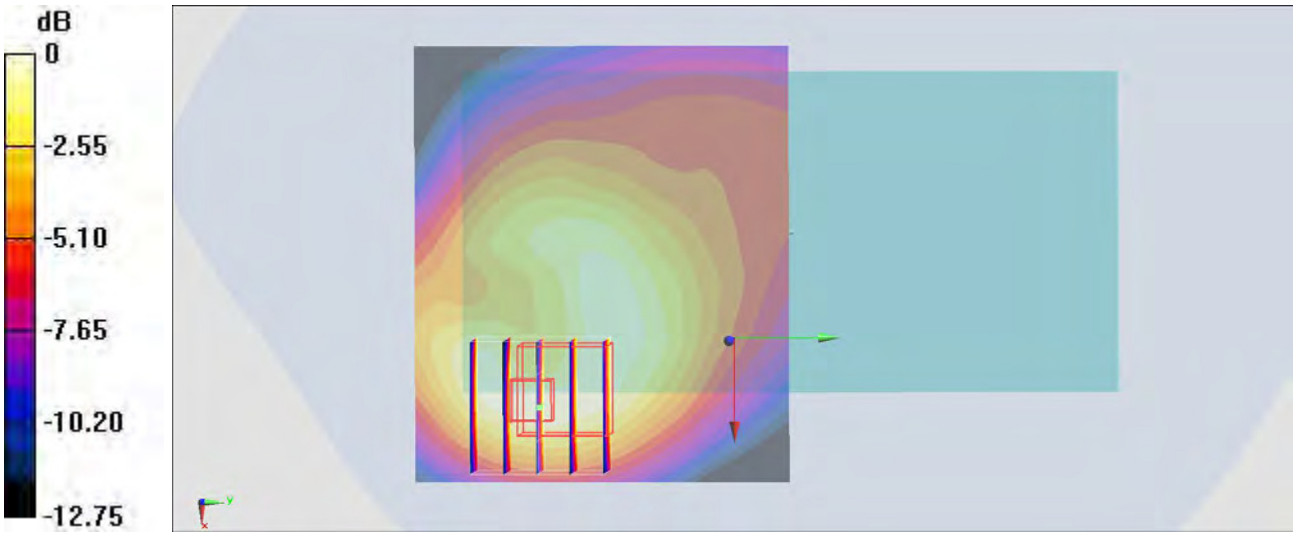
#36_LTE Band 5_10M_QPSK_1_0_Back_10mm_Ch20525

Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_170302 Medium parameters used : f = 836.5 MHz; σ = 0.985 S/m; ε_r = 53.971; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3578; ConvF(9.53, 9.53, 9.53); Calibrated: 2016/5/11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2017/1/6
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.04 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.98 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.451 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



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

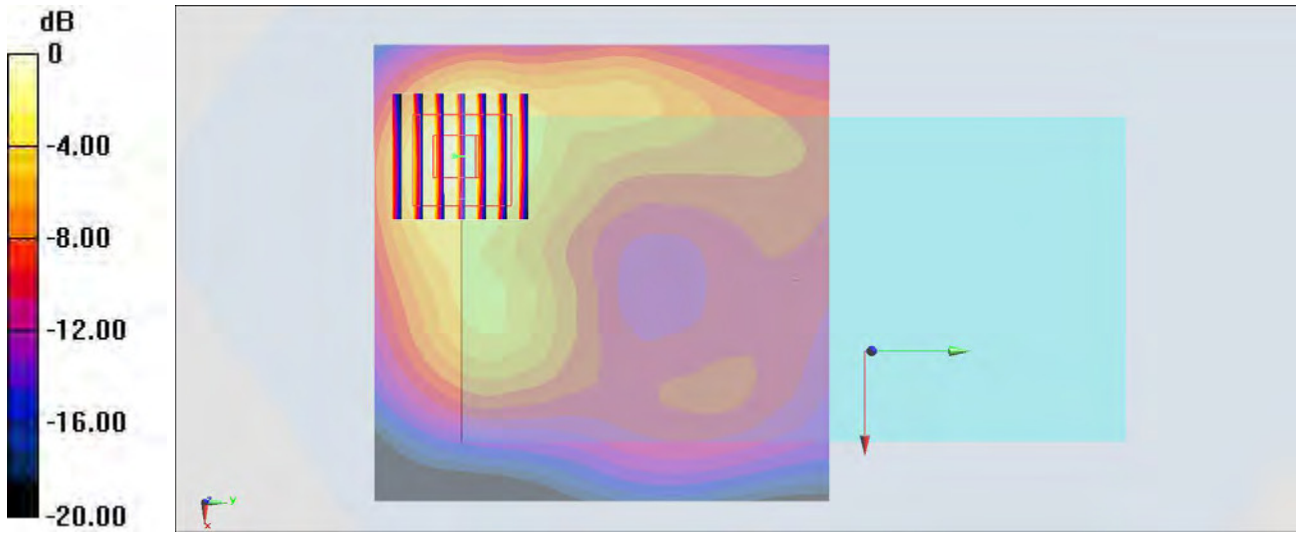
#37_LTE Band 7_20M_QPSK_1_99_Front_10mm_Ch20850

Communication System: LTE ; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: MSL_2600_170307 Medium parameters used: f = 2510 MHz; σ = 2.103 S/m; ε_r = 52.279; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃； Liquid Temperature：22.1 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.42, 7.42, 7.42); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.05 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.35 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.353 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



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

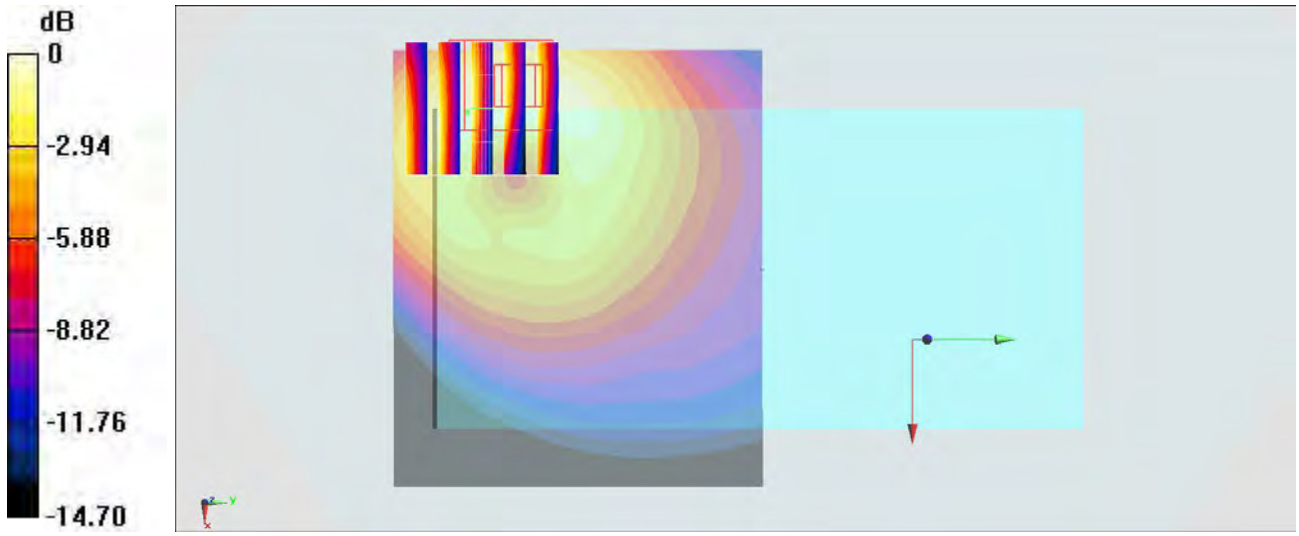
#38_LTE Band 12_10M_QPSK_1_25_Front_10mm_Ch23095

Communication System: LTE ; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: MSL_750_170304 Medium parameters used : f = 707.5 MHz; σ = 0.928 S/m; ε_r = 53.599; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.42, 10.42, 10.42); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.52 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.766 W/kg; SAR(10 g) = 0.448 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



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

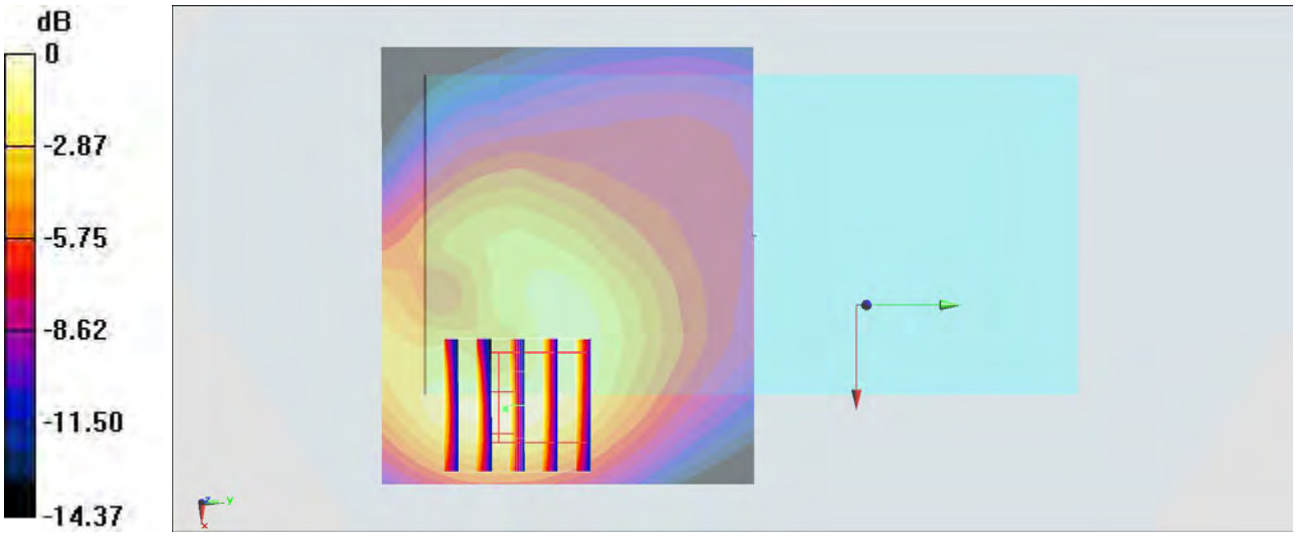
#39_LTE Band 13_10M_QPSK_1_0_Back_10mm_Ch23230

Communication System: LTE ; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_170304 Medium parameters used: f = 782 MHz; σ = 1.002 S/m; ε_r = 52.678; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.42, 10.42, 10.42); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.47 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 40.67 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 1.00 W/kg; SAR(10 g) = 0.619 W/kg
Maximum value of SAR (measured) = 1.57 W/kg



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

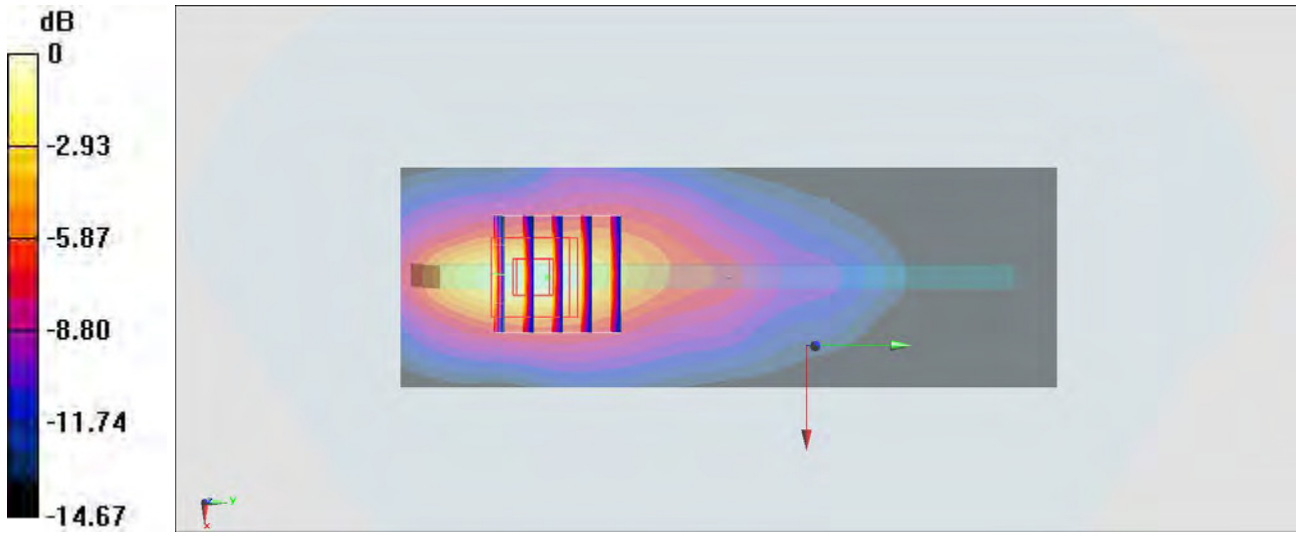
#40_LTE Band 17_10M_QPSK_1_25_Left Side_10mm_Ch23790

Communication System: LTE ; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_170304 Medium parameters used: f = 710 MHz; σ = 0.93 S/m; ε_r = 53.572; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.42, 10.42, 10.42); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.33 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.61 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.873 W/kg; SAR(10 g) = 0.478 W/kg
Maximum value of SAR (measured) = 1.37 W/kg



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

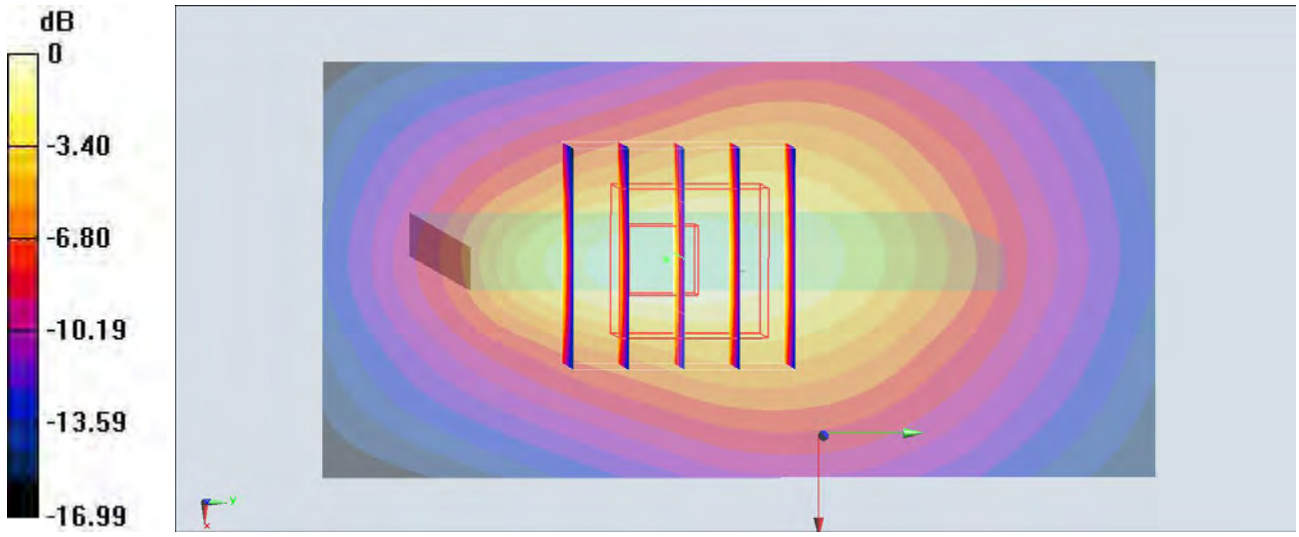
#41_LTE Band 25_20M_QPSK_50_24_Bottom Side_10mm_Ch26590

Communication System: LTE; Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: MSL_1900_170305 Medium parameters used: f = 1905 MHz; σ = 1.524 S/m; ε_r = 52.955; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8, 8, 8); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.29 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.56 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.461 W/kg
Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

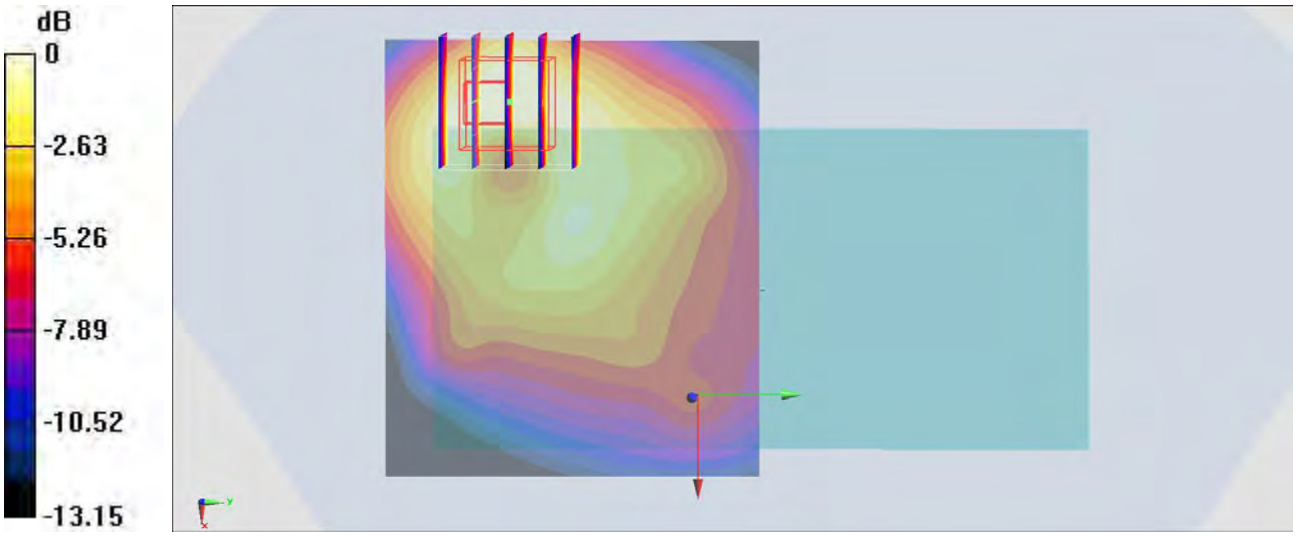
#42_LTE Band 26_15M_QPSK_1_37_Front_10mm_Ch26865

Communication System: LTE ; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_170302 Medium parameters used : f = 831.5 MHz; σ = 0.98 S/m; ε_r = 54.033; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3578; ConvF(9.53, 9.53, 9.53); Calibrated: 2016/5/11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2017/1/6
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.33 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.89 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.508 W/kg
Maximum value of SAR (measured) = 1.26 W/kg



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

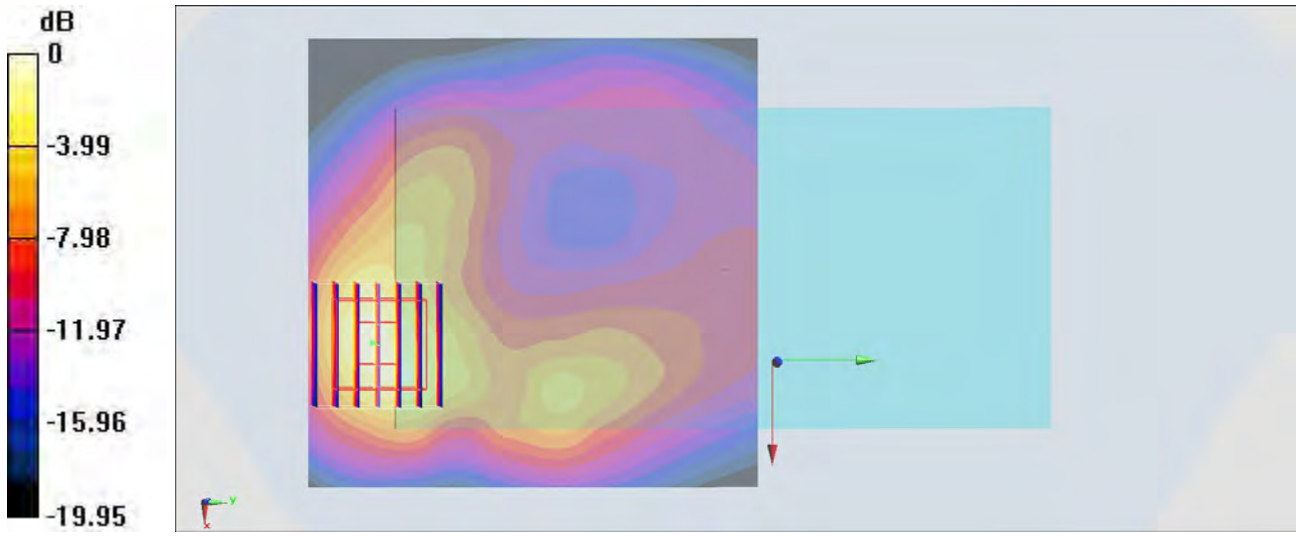
#43_LTE Band 30_10M_QPSK_50_0_Back_10mm_Ch27710

Communication System: LTE; Frequency: 2355 MHz;Duty Cycle: 1:1
Medium: MSL_2300_170308 Medium parameters used: f = 2355 MHz; σ = 1.891 S/m; ε_r = 52.789; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃； Liquid Temperature：22.1 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.96, 7.96, 7.96); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.30 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.95 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.436 W/kg
Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

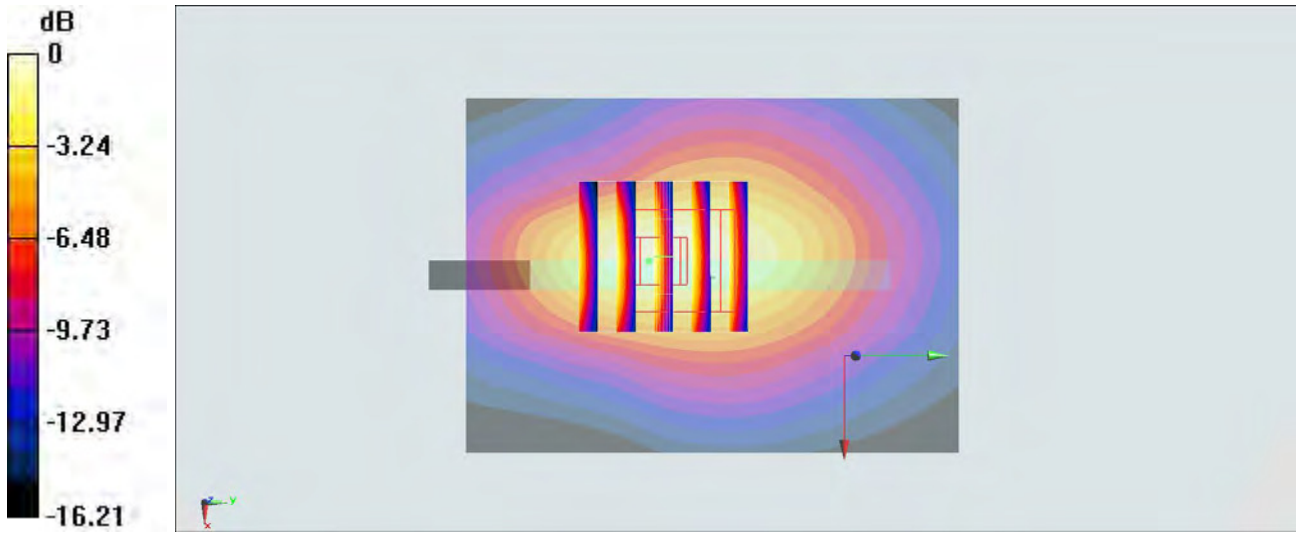
#44_LTE Band 66_20M_QPSK_1_99_Bottom Side_10mm_Ch132572

Communication System: LTE ; Frequency: 1770 MHz;Duty Cycle: 1:1
Medium: MSL_1750_170228 Medium parameters used: f = 1770 MHz; σ = 1.471 S/m; ε_r = 53.481; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8.31, 8.31, 8.31); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.27 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.65 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.509 W/kg
Maximum value of SAR (measured) = 1.28 W/kg



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

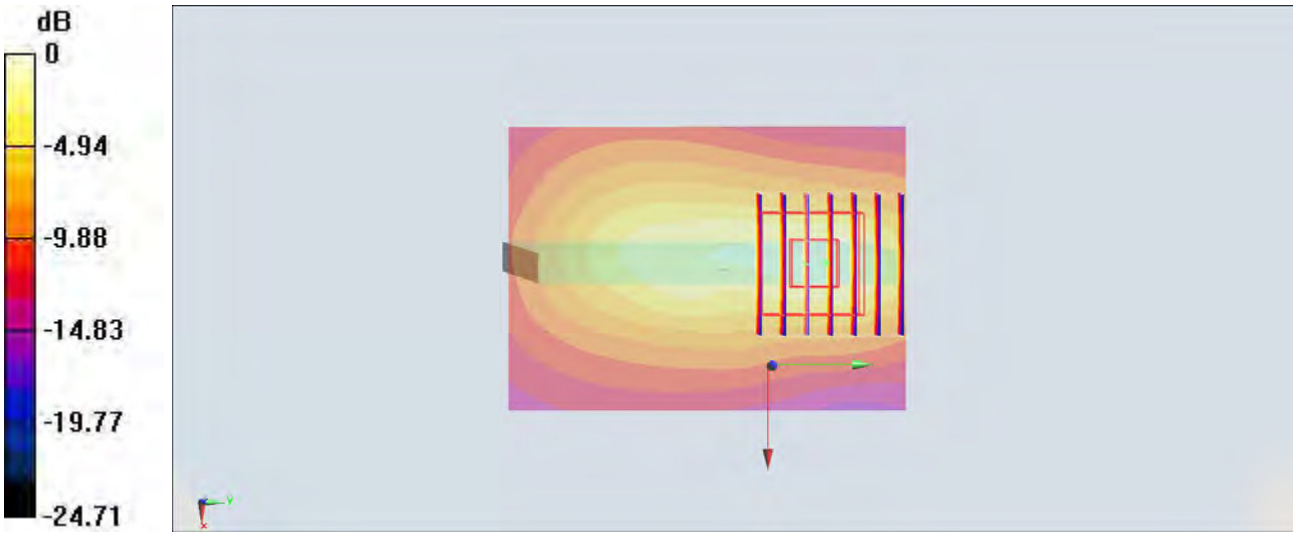
#45_LTE Band 38_20M_QPSK_1_49_Bottom Side_10mm_Ch38000

Communication System: LTE TDD; Frequency: 2595 MHz;Duty Cycle: 1:1.59
Medium: MSL_2600_170308 Medium parameters used: f = 2595 MHz; σ = 2.225 S/m; ε_r = 52.776; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃； Liquid Temperature：22.1 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.46, 7.46, 7.46); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.735 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.46 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.219 W/kg
Maximum value of SAR (measured) = 0.818 W/kg



0 dB = 0.818 W/kg = -0.87 dBW/kg

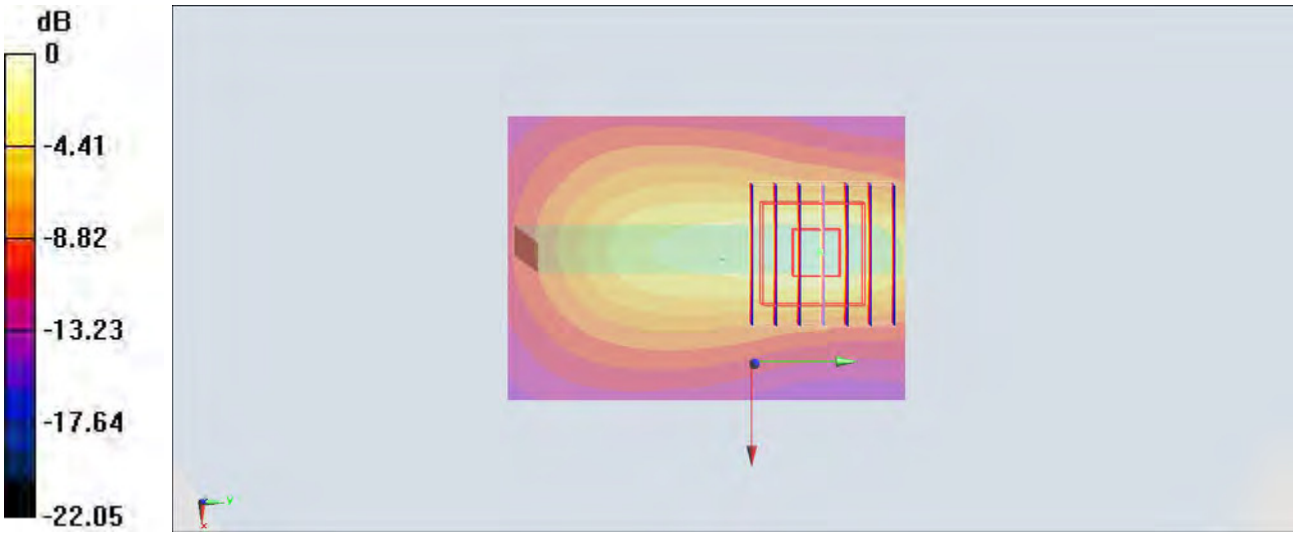
#46_LTE Band 41_20M_QPSK_1_99_Bottom Side_10mm_Ch40185

Communication System: LTE TDD; Frequency: 2549.5 MHz;Duty Cycle: 1:1.59
Medium: MSL_2600_170307 Medium parameters used: f = 2550 MHz; σ = 2.161 S/m; ε_r = 52.115; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃； Liquid Temperature：22.1 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.42, 7.42, 7.42); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.04 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.57 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.287 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



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

#47_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.024
Medium: MSL_2450_170309 Medium parameters used: f = 2437 MHz; σ = 1.96 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(7.65, 7.65, 7.65); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (91x81x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.581 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.1 V/m; Power Drift = -0.044 dB
Peak SAR (extrapolated) = 0.674 W/kg
SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.202 mW/g
Maximum value of SAR (measured) = 0.534 mW/g

0 dB = 0.534mW/g

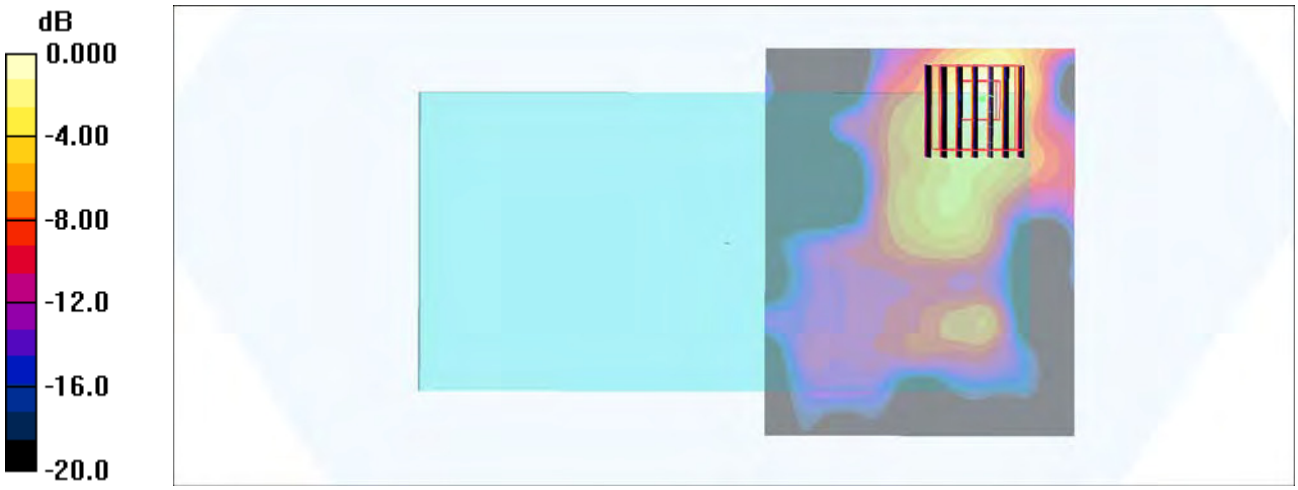
#48_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch46

Communication System: 802.11n; Frequency: 5230 MHz;Duty Cycle: 1:1.175
Medium: MSL_5G_170308 Medium parameters used: f = 5230 MHz; σ = 5.48 mho/m; ε_r = 46.8; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(4.51, 4.51, 4.51); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.811 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.1 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.121 mW/g
Maximum value of SAR (measured) = 0.841 mW/g



0 dB = 0.841mW/g

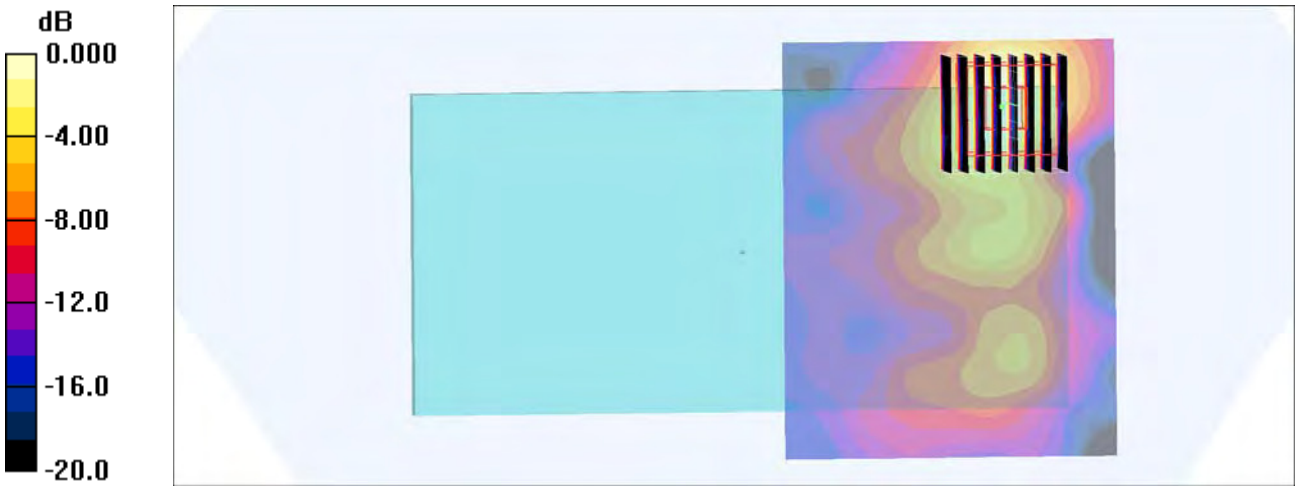
#49_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch159

Communication System: 802.11n; Frequency: 5795 MHz;Duty Cycle: 1:1.175
Medium: MSL_5G_170310 Medium parameters used: f = 5795 MHz; σ = 6.22 mho/m; ε_r = 45.9; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.01, 4.01, 4.01); Calibrated: 2016/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.552 mW/g

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.58 V/m; Power Drift = -0.144 dB
Peak SAR (extrapolated) = 0.913 W/kg
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.543 mW/g



0 dB = 0.543mW/g

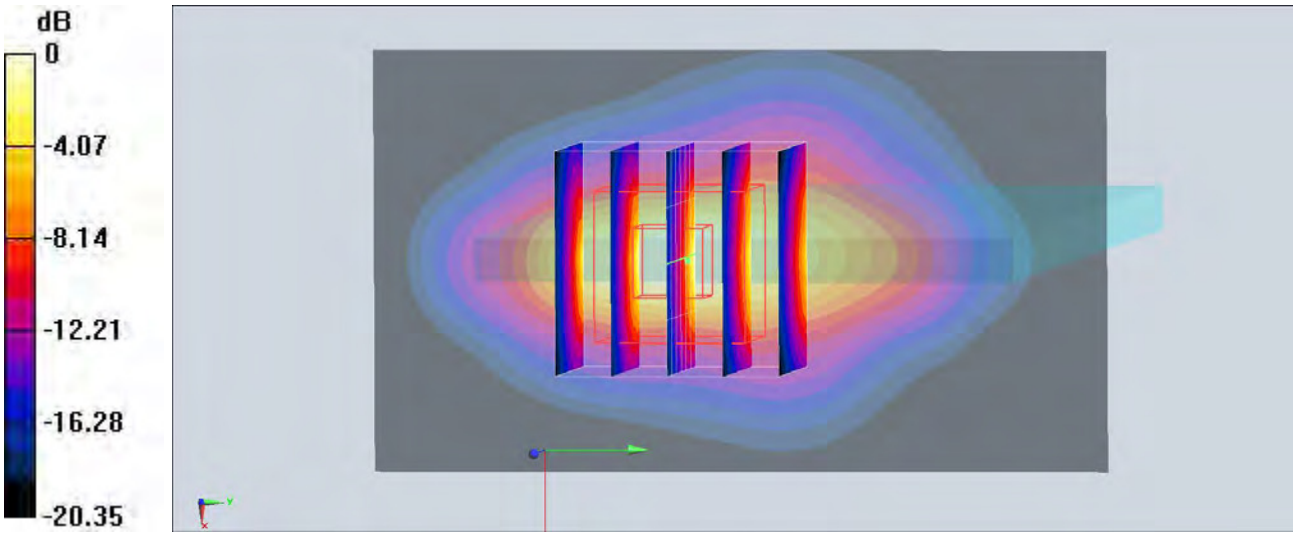
#50_WCDMA II_RMC 12.2Kbps_Bottom Side_0mm_Ch9262

Communication System: WCDMA ; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_170227 Medium parameters used : f = 1852.4 MHz; σ = 1.483 S/m; ε_r = 51.809; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8, 8, 8); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.8 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 88.46 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 16.2 W/kg
SAR(1 g) = 6.21 W/kg; SAR(10 g) = 2.64 W/kg
Maximum value of SAR (measured) = 13.2 W/kg



0 dB = 13.2 W/kg = 11.21 dBW/kg

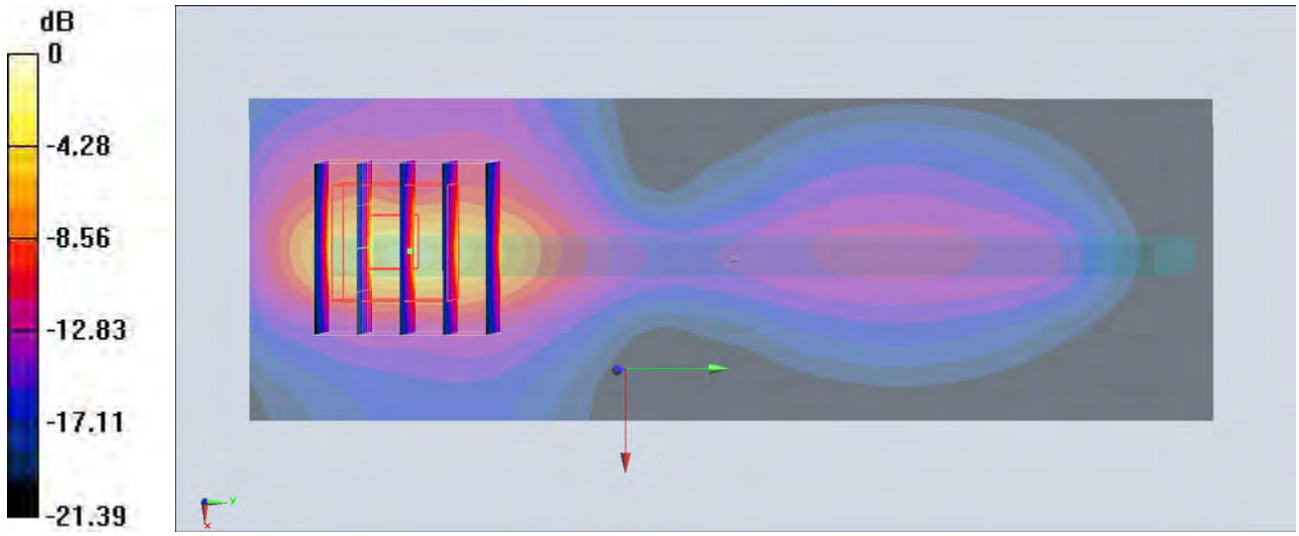
#51_WCDMA V_RMC 12.2Kbps_Lef Side_0mm_Ch4182

Communication System: WCDMA ; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_170303 Medium parameters used : f = 836.4 MHz; σ = 0.978 S/m; ε_r = 54.086; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.18, 10.18, 10.18); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.71 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 83.71 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 15.5 W/kg
SAR(1 g) = 4.35 W/kg; SAR(10 g) = 1.66 W/kg
Maximum value of SAR (measured) = 11.6 W/kg



0 dB = 11.6 W/kg = 10.64 dBW/kg

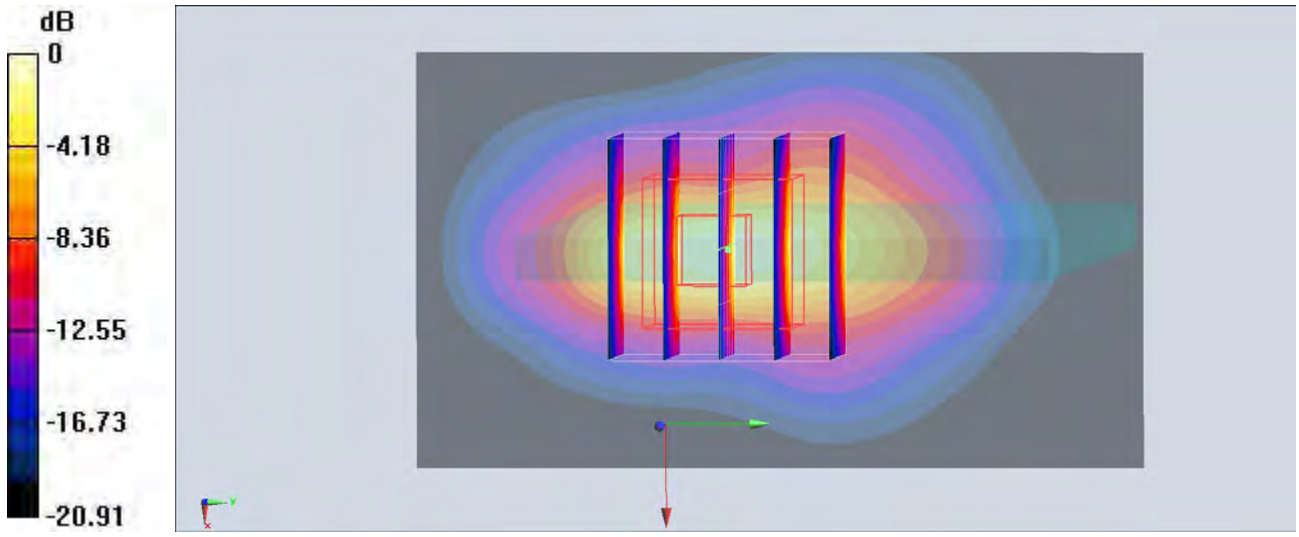
#52_CDMA BC1_RTAP 153.6Kbps_Bottom Side_0mm_Ch1175

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_170227 Medium parameters used: f = 1909 MHz; σ = 1.541 S/m; ε_r = 51.584; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8, 8, 8); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.9 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 91.32 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 19.2 W/kg
SAR(1 g) = 7.18 W/kg; SAR(10 g) = 3.03 W/kg
Maximum value of SAR (measured) = 15.6 W/kg



0 dB = 15.6 W/kg = 11.93 dBW/kg

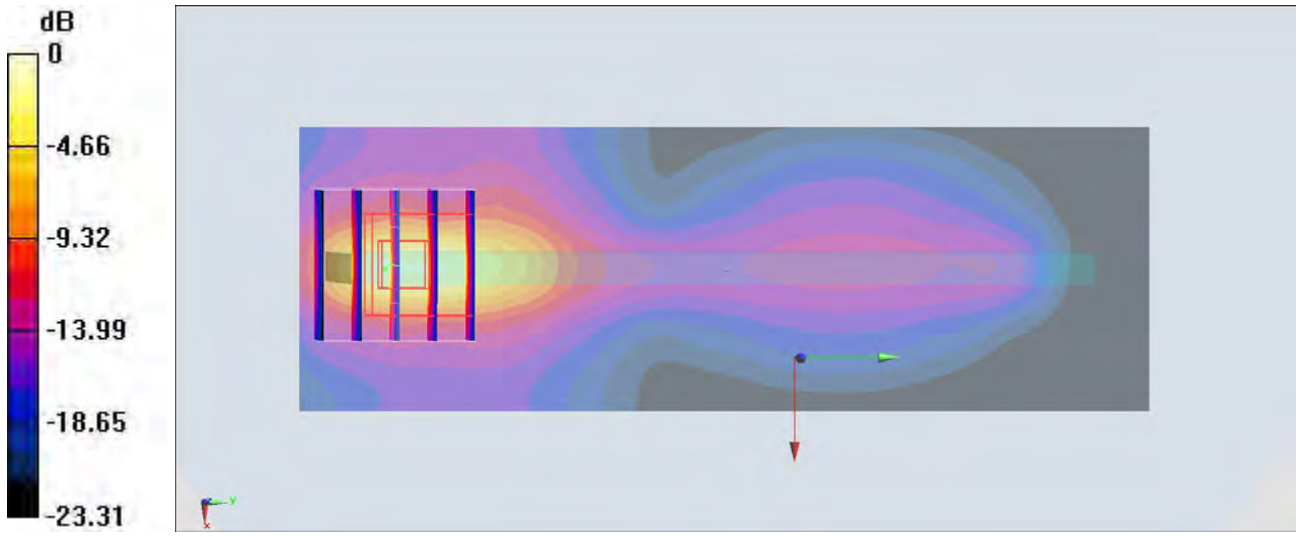
#53_CDMA BC10_RTAP 153.6Kbps_Left Side_0mm_Ch580

Communication System: CDMA ; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_170309 Medium parameters used: f = 820.5 MHz; σ = 1.001 S/m; ε_r = 53.682; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.38 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.40 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 12.9 W/kg
SAR(1 g) = 3.3 W/kg; SAR(10 g) = 1.21 W/kg
Maximum value of SAR (measured) = 9.54 W/kg



0 dB = 9.54 W/kg = 9.80 dBW/kg

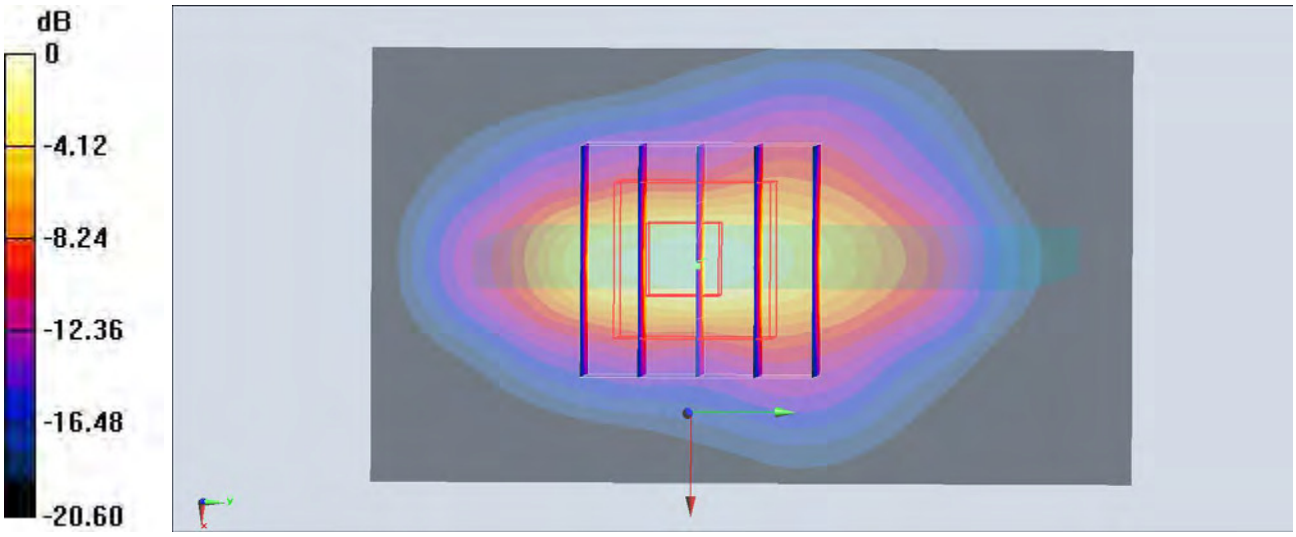
#54_LTE Band 2_20M_QPSK_1_0_Bottom Side_0mm_Ch19100

Communication System: LTE ; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_170227 Medium parameters used: f = 1900 MHz; σ = 1.532 S/m; ε_r = 51.624; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8, 8, 8); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 11.9 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 81.47 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 15.0 W/kg
SAR(1 g) = 5.71 W/kg; SAR(10 g) = 2.44 W/kg
Maximum value of SAR (measured) = 12.2 W/kg



0 dB = 12.2 W/kg = 10.86 dBW/kg

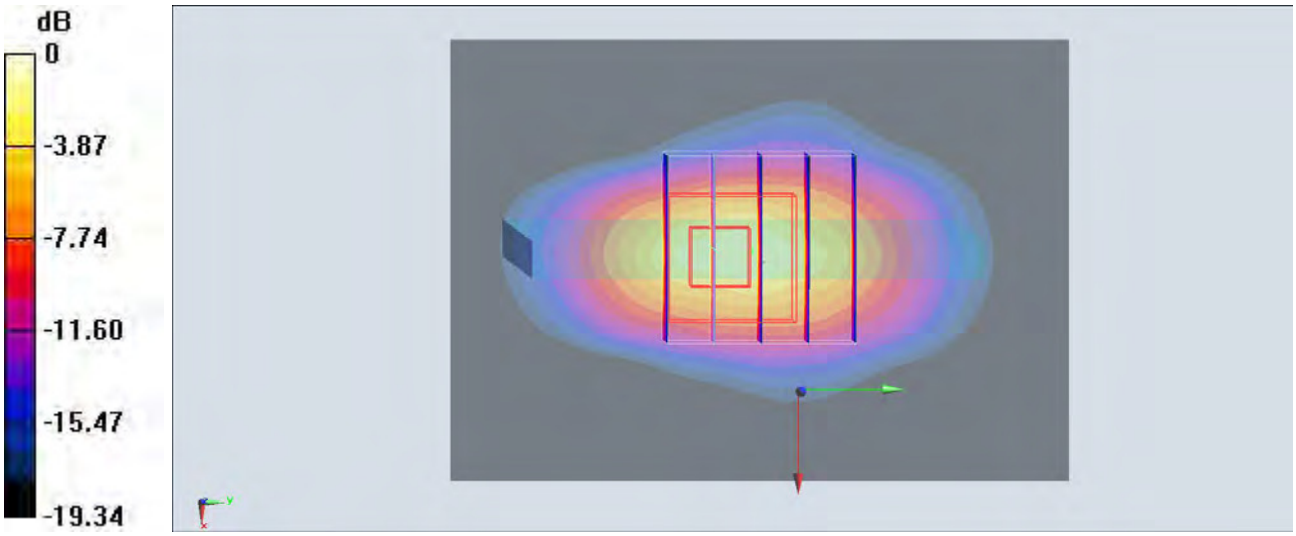
#55_LTE Band 4_20M_QPSK_50_0_Bottom Side_0mm_Ch20175

Communication System: LTE ; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_170306 Medium parameters used : f = 1732.5 MHz; σ = 1.483 S/m; ε_r = 55.233; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8.31, 8.31, 8.31); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.25 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 71.64 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 10.3 W/kg
SAR(1 g) = 4.37 W/kg; SAR(10 g) = 1.97 W/kg
Maximum value of SAR (measured) = 8.53 W/kg



0 dB = 8.53 W/kg = 9.31 dBW/kg

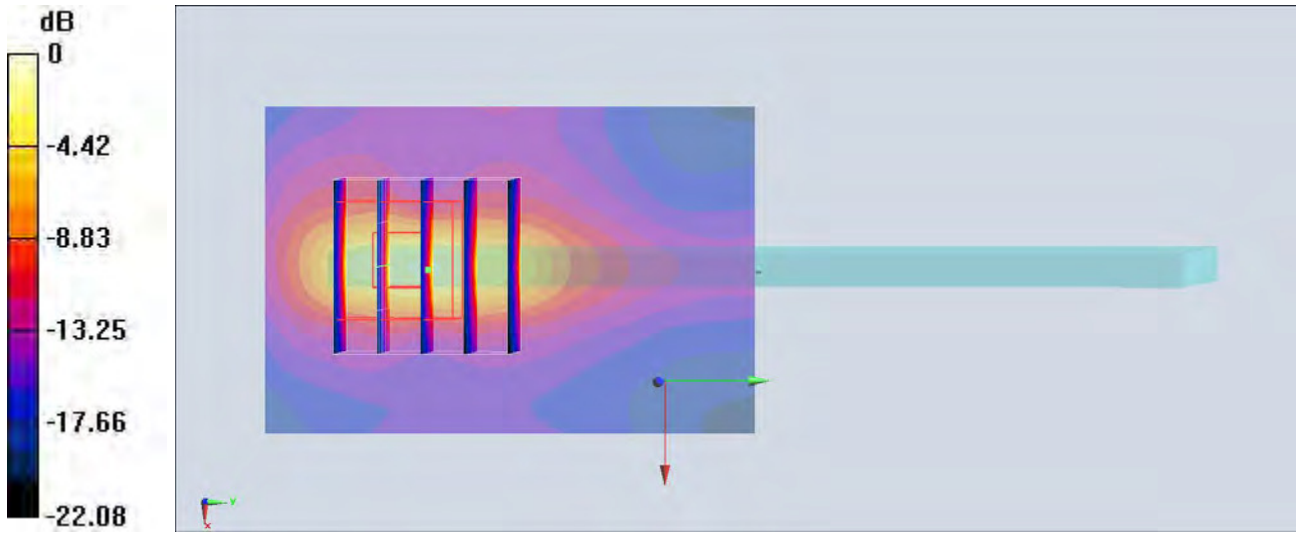
#56_LTE Band 12_10M_QPSK_1_25_Left Side_0mm_Ch23095

Communication System: LTE ; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: MSL_750_170304 Medium parameters used : f = 707.5 MHz; σ = 0.928 S/m; ε_r = 53.599; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.42, 10.42, 10.42); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.47 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 89.06 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 12.7 W/kg
SAR(1 g) = 3.53 W/kg; SAR(10 g) = 1.31 W/kg
Maximum value of SAR (measured) = 9.69 W/kg



0 dB = 9.69 W/kg = 9.86 dBW/kg

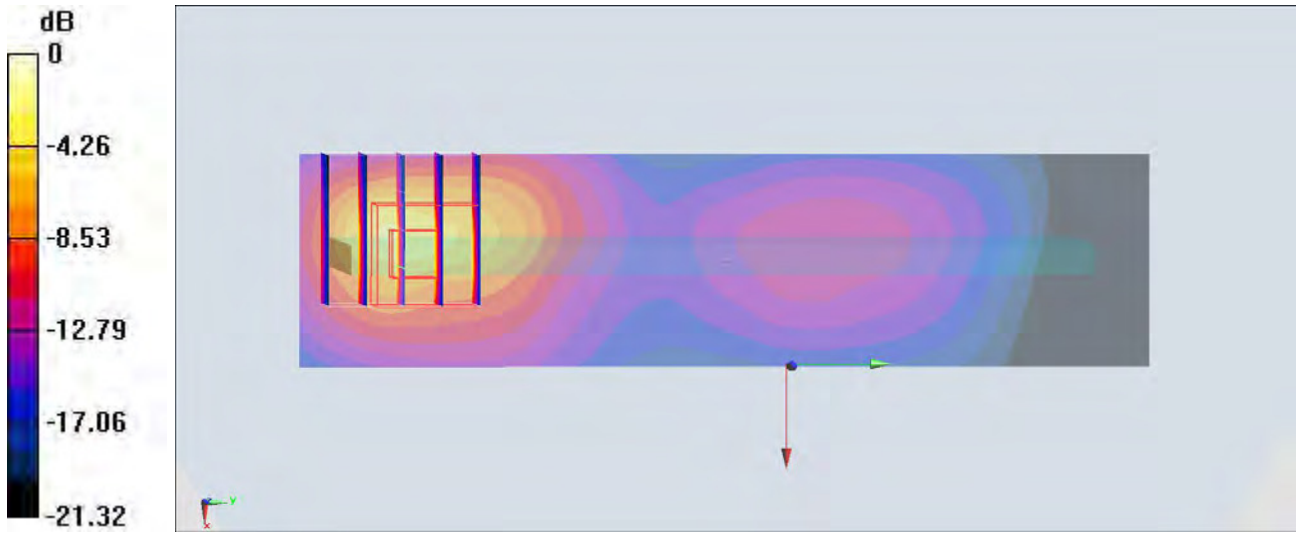
#57_LTE Band 13_10M_QPSK_1_49_Left Side_0mm_Ch23230

Communication System: LTE ; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_170304 Medium parameters used: f = 782 MHz; σ = 1.002 S/m; ε_r = 52.678; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.42, 10.42, 10.42); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (31x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.11 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 95.71 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 14.6 W/kg
SAR(1 g) = 4.73 W/kg; SAR(10 g) = 1.83 W/kg
Maximum value of SAR (measured) = 9.28 W/kg



0 dB = 9.28 W/kg = 9.68 dBW/kg

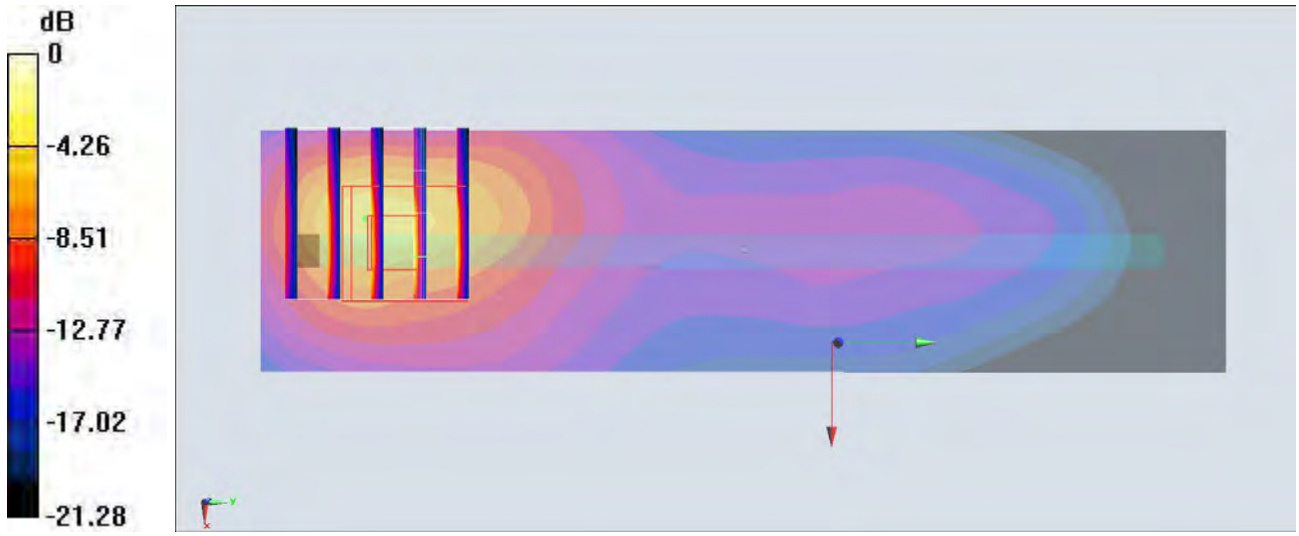
#58_LTE Band 17_10M_QPSK_1_25_Left Side_0mm_Ch23790

Communication System: LTE ; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_170304 Medium parameters used: f = 710 MHz; σ = 0.93 S/m; ε_r = 53.572; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.42, 10.42, 10.42); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (31x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.74 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 89.67 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 12.3 W/kg
SAR(1 g) = 3.81 W/kg; SAR(10 g) = 1.44 W/kg
Maximum value of SAR (measured) = 7.40 W/kg



0 dB = 7.40 W/kg = 8.69 dBW/kg

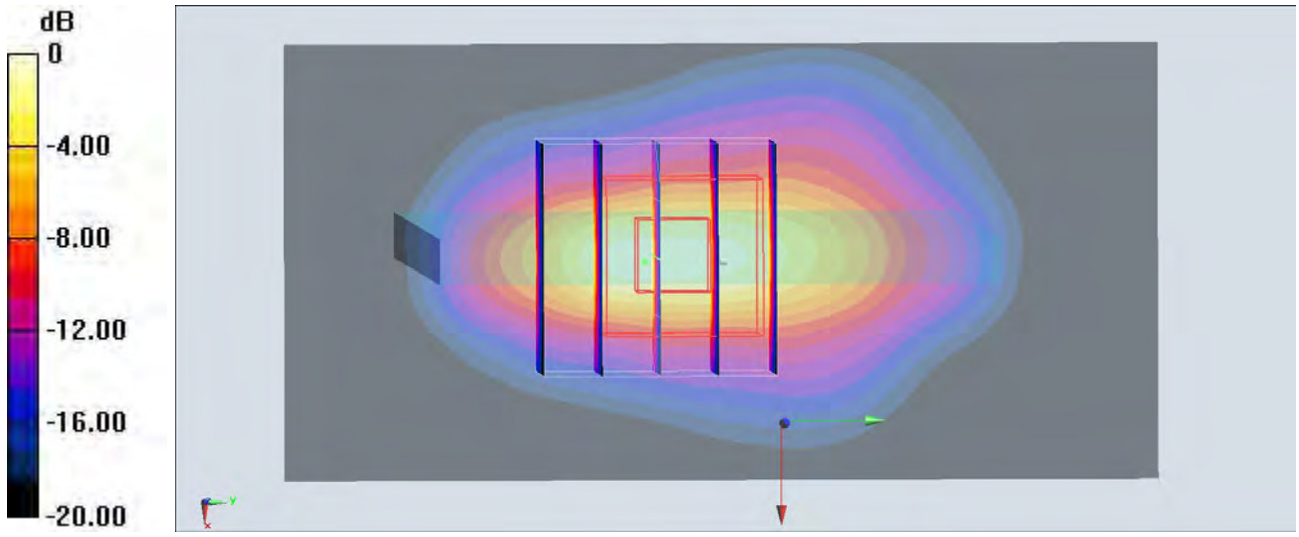
#59_LTE Band 25_20M_QPSK_50_24_Bottom Side_0mm_Ch26590

Communication System: LTE ; Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: MSL_1900_170305 Medium parameters used: f = 1905 MHz; σ = 1.524 S/m; ε_r = 52.955; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8, 8, 8); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 11.0 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 92.86 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 14.8 W/kg
SAR(1 g) = 5.68 W/kg; SAR(10 g) = 2.39 W/kg
Maximum value of SAR (measured) = 12.0 W/kg



0 dB = 12.0 W/kg = 10.79 dBW/kg

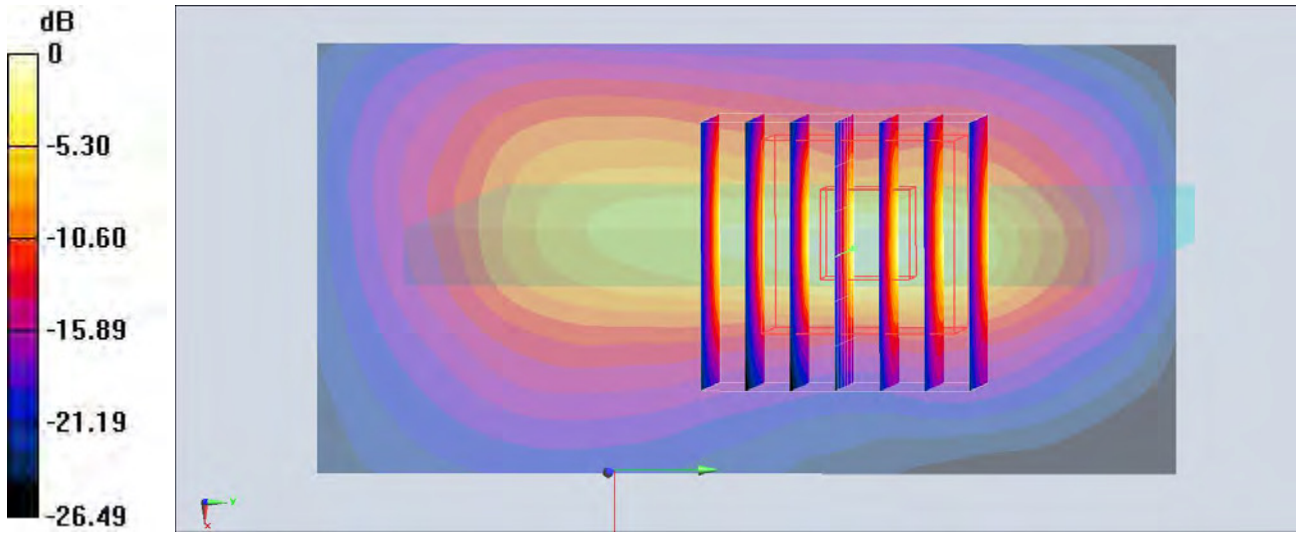
#60_LTE Band 30_10M_QPSK_50_0_Bottom Side_0mm_Ch27710

Communication System: LTE ; Frequency: 2355 MHz;Duty Cycle: 1:1
Medium: MSL_2300_170308 Medium parameters used : f = 2355 MHz; σ = 1.891 S/m; ε_r = 52.789; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃； Liquid Temperature：22.1 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.96, 7.96, 7.96); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 9.65 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 71.25 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 5.32 W/kg; SAR(10 g) = 1.81 W/kg
Maximum value of SAR (measured) = 11.4 W/kg



0 dB = 11.4 W/kg = 10.57 dBW/kg

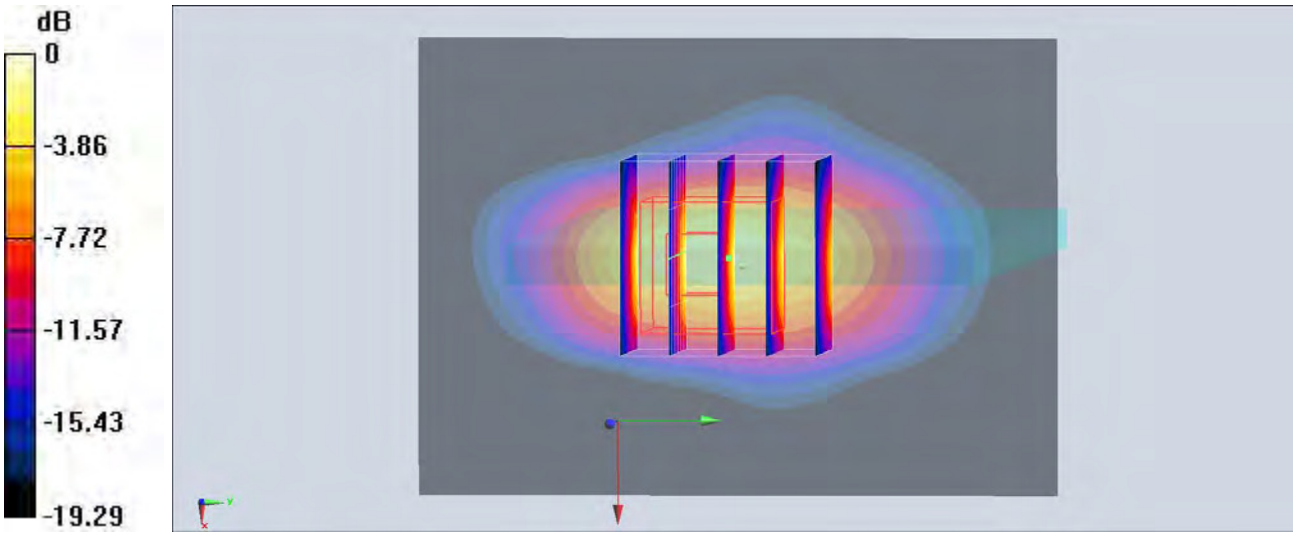
#61_LTE Band 66_20M_QPSK_1_99_Bottom Side_0mm_Ch132572

Communication System: LTE ; Frequency: 1770 MHz;Duty Cycle: 1:1
Medium: MSL_1750_170228 Medium parameters used: f = 1770 MHz; σ = 1.471 S/m; ε_r = 53.481; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8.31, 8.31, 8.31); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 9.18 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 64.95 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 14.5 W/kg
SAR(1 g) = 6.38 W/kg; SAR(10 g) = 2.89 W/kg
Maximum value of SAR (measured) = 12.1 W/kg



0 dB = 12.1 W/kg = 10.83 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/4

#62_WLAN5GHz_802.11n-HT40 MCS0_Front_0mm_Ch54

Communication System: 802.11n; Frequency: 5270 MHz;Duty Cycle: 1:1.175
Medium: MSL_5G_170304 Medium parameters used: f = 5270 MHz; σ = 5.56 mho/m; ε_r = 47.6; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.57, 4.57, 4.57); Calibrated: 2016/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (91x71x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 24.1 mW/g

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 41.6 V/m; Power Drift = -0.152 dB
Peak SAR (extrapolated) = 45.0 W/kg
SAR(1 g) = 7.18 mW/g; SAR(10 g) = 1.91 mW/g
Maximum value of SAR (measured) = 19.8 mW/g

0 dB = 19.8mW/g

#63_WLAN5GHz_802.11n-HT40 MCS0_Front_0mm_Ch110

Communication System: 802.11n; Frequency: 5550 MHz;Duty Cycle: 1:1.175
Medium: MSL_5G_170304 Medium parameters used: f = 5550 MHz; σ = 5.93 mho/m; ε_r = 47.1; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(3.71, 3.71, 3.71); Calibrated: 2016/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (91x71x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 32.2 mW/g

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 29.0 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 68.3 W/kg
SAR(1 g) = 8.41 mW/g; SAR(10 g) = 2.18 mW/g
Maximum value of SAR (measured) = 27.1 mW/g

0 dB = 27.1mW/g

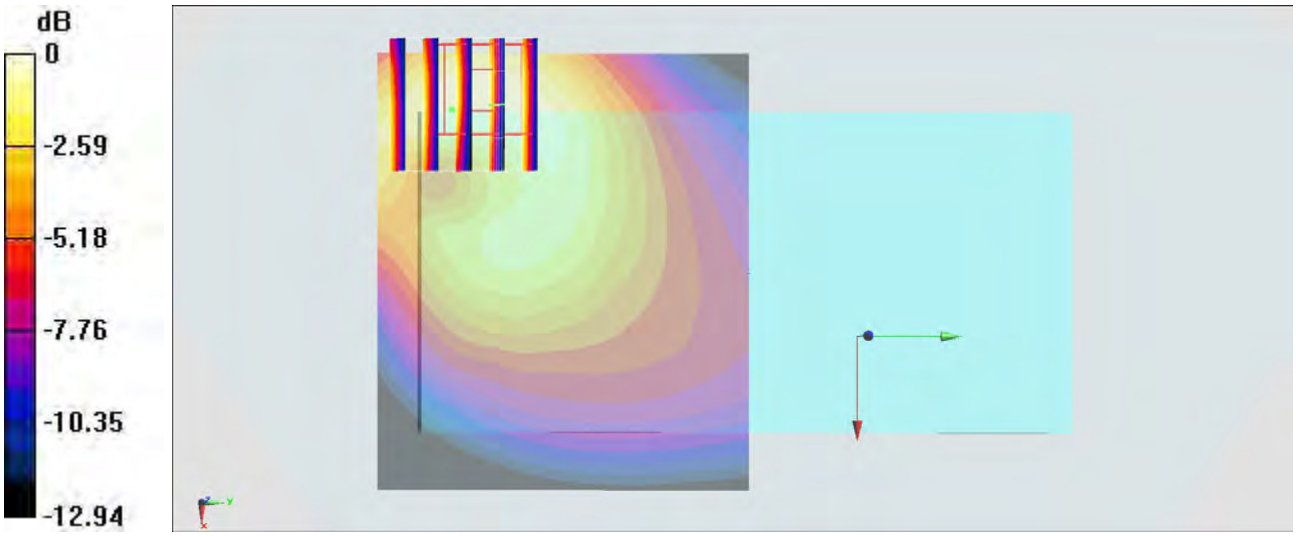
#64_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch189

Communication System: GSM850 ; Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_170316 Medium parameters used : f = 836.4 MHz; σ = 0.948 S/m; ε_r = 54.74; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.01, 6.01, 6.01); Calibrated: 2016/8/26;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/5/12
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.865 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.77 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.440 W/kg
Maximum value of SAR (measured) = 0.901 W/kg



0 dB = 0.901 W/kg = -0.45 dBW/kg

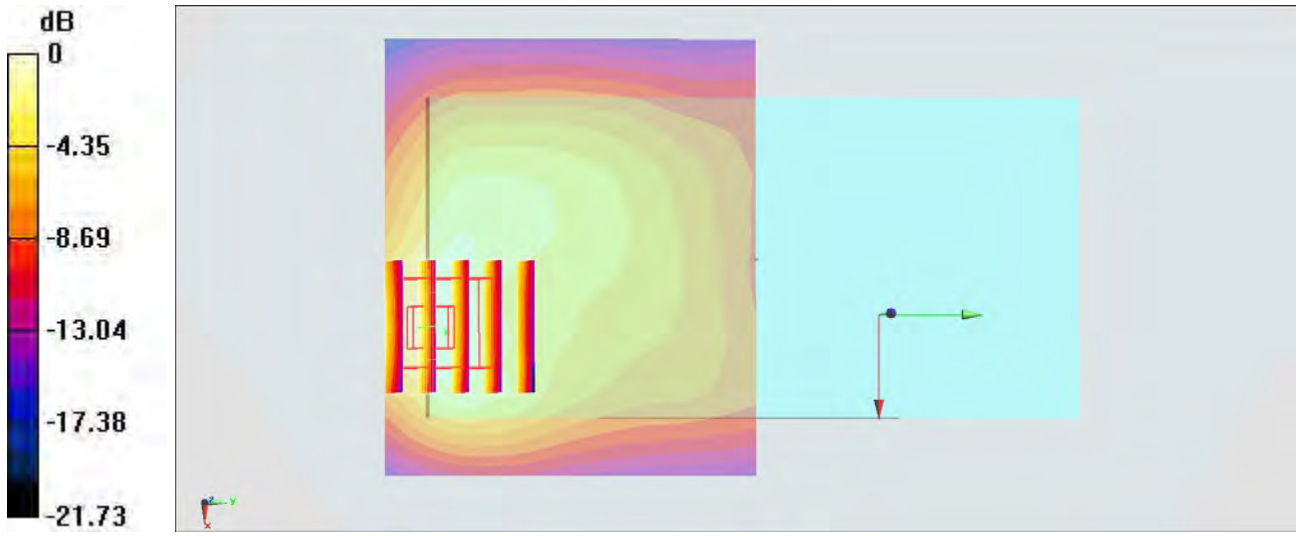
#65_GSM1900_GPRS (4 Tx slots)_Front_10mm_Ch512

Communication System: PCS ; Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_170305 Medium parameters used : f = 1850.2 MHz; σ = 1.47 S/m; ε_r = 53.159; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8, 8, 8); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.642 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.66 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.823 W/kg
SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.273 W/kg
Maximum value of SAR (measured) = 0.689 W/kg



0 dB = 0.689 W/kg = -1.62 dBW/kg

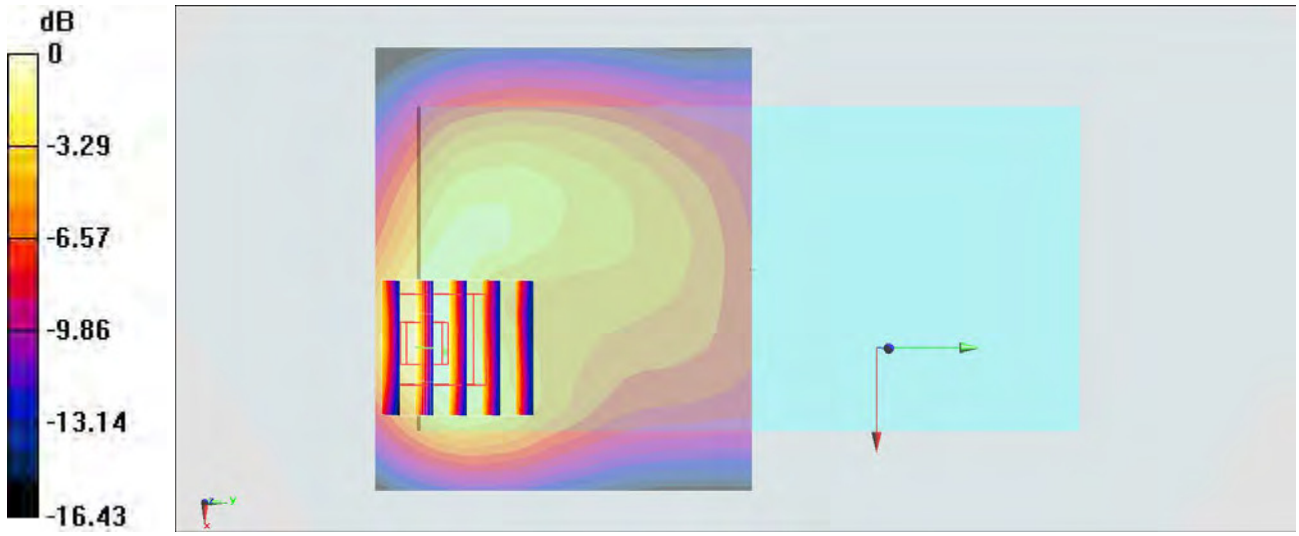
#66_WCDMA II_RMC 12.2Kbps_Front_10mm_Ch9538

Communication System: WCDMA ; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_170227 Medium parameters used: f = 1908 MHz; σ = 1.54 S/m; ε_r = 51.588; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8, 8, 8); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.28 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.510 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



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

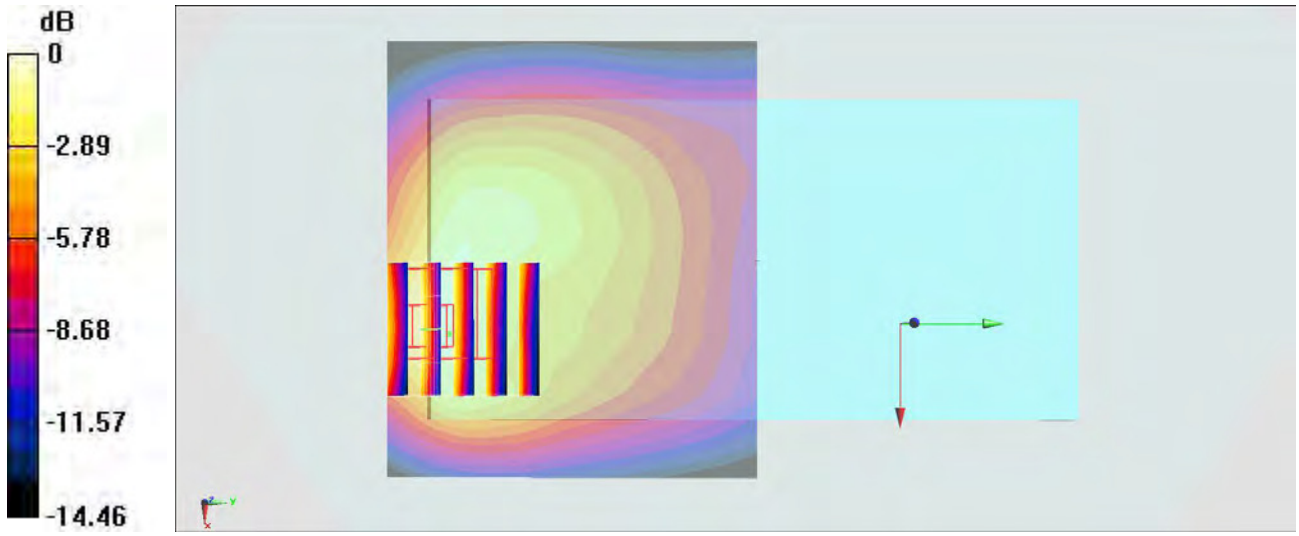
#67_WCDMA IV_RMC 12.2Kbps_Front_10mm_Ch1312

Communication System: WCDMA ; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: MSL_1750_170228 Medium parameters used : f = 1712.4 MHz; σ = 1.414 S/m; ε_r = 53.658; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8.31, 8.31, 8.31); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.03 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.81 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.799 W/kg; SAR(10 g) = 0.470 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



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

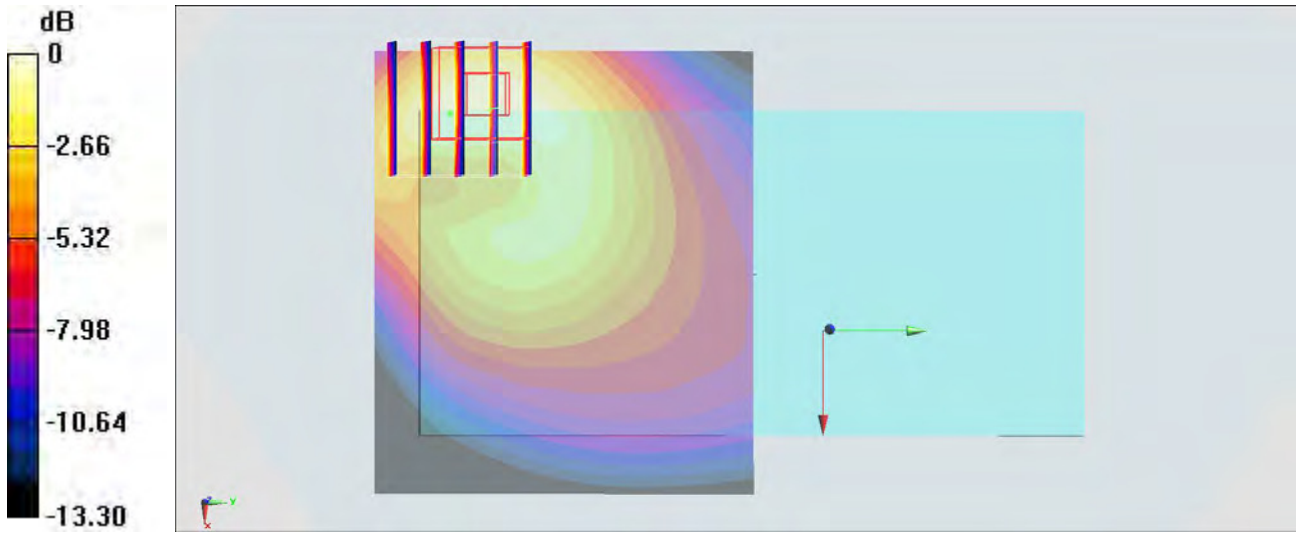
#68_WCDMA V_RMC 12.2Kbps_Front_10mm_Ch4132

Communication System: WCDMA ; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_170303 Medium parameters used : f = 826.4 MHz; σ = 0.968 S/m; ε_r = 54.194; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.18, 10.18, 10.18); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.49 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.795 W/kg; SAR(10 g) = 0.457 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

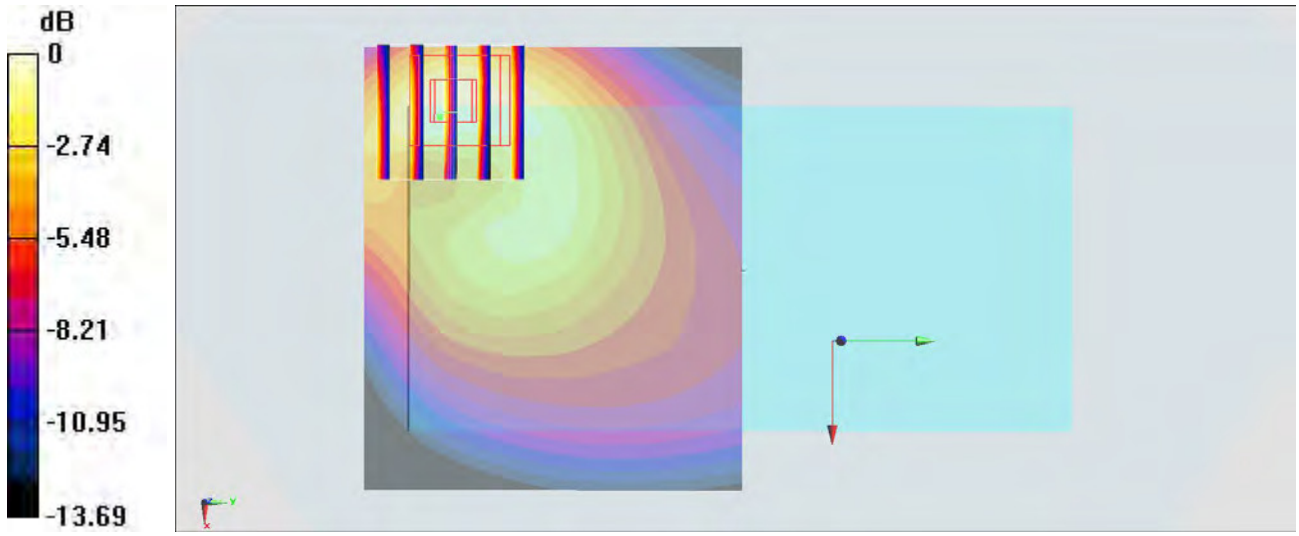
#69_CDMA BC0_1xRTT RC3 SO32_Front_10mm_Ch384

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_850_170309 Medium parameters used: f = 837 MHz; σ = 1.016 S/m; ε_r = 53.514; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.57 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.883 W/kg; SAR(10 g) = 0.506 W/kg
Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

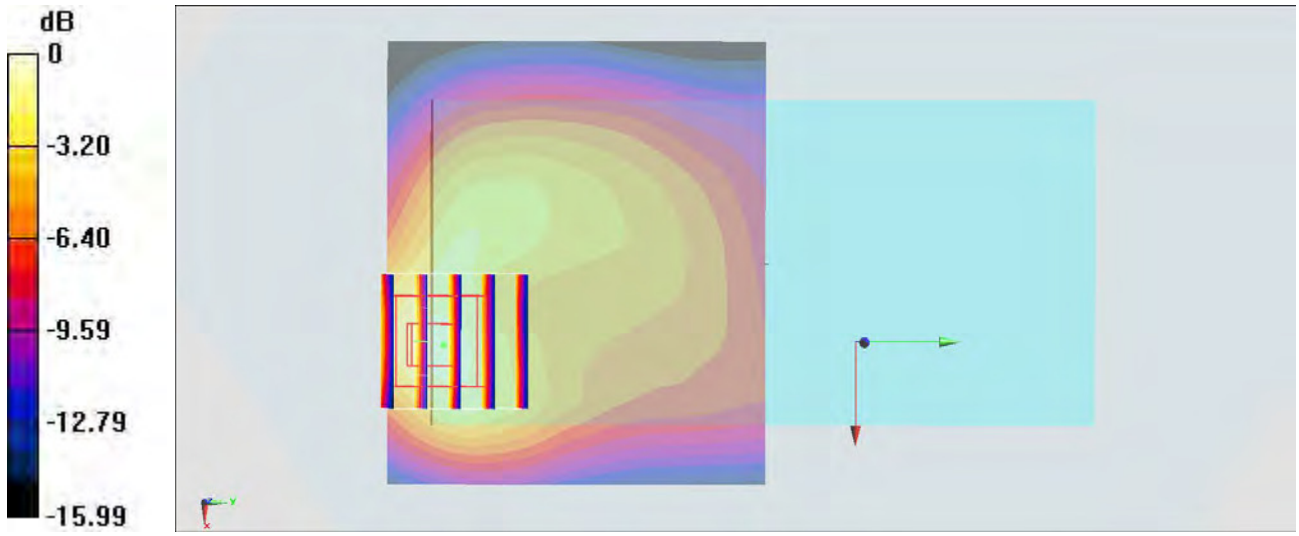
#70_CDMA BC1_1xRTT RC3 SO32_Front_10mm_Ch1175

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_170305 Medium parameters used: f = 1909 MHz; σ = 1.528 S/m; ε_r = 52.944; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8, 8, 8); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.25 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.94 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 1 W/kg; SAR(10 g) = 0.554 W/kg
Maximum value of SAR (measured) = 1.43 W/kg



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

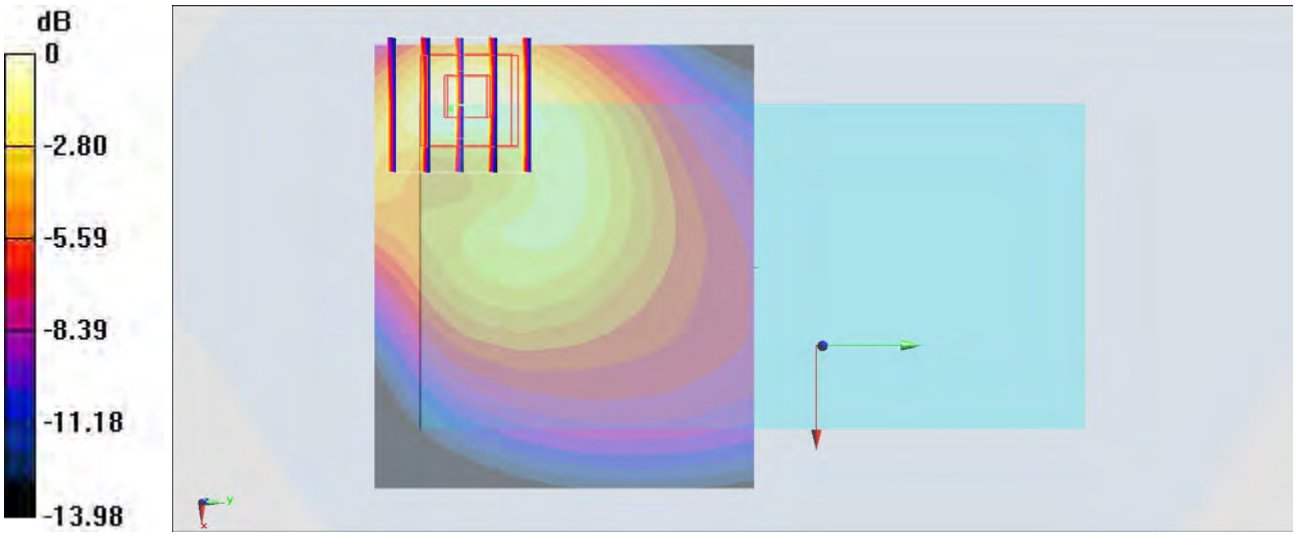
#71_CDMA BC10_1xRTT RC3 SO32_Front_10mm_Ch580

Communication System: CDMA ; Frequency: 820.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_170309 Medium parameters used : f = 820.5 MHz; σ = 1.001 S/m; ε_r = 53.682; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.84 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.376 W/kg
Maximum value of SAR (measured) = 0.996 W/kg



0 dB = 0.996 W/kg = -0.02 dBW/kg

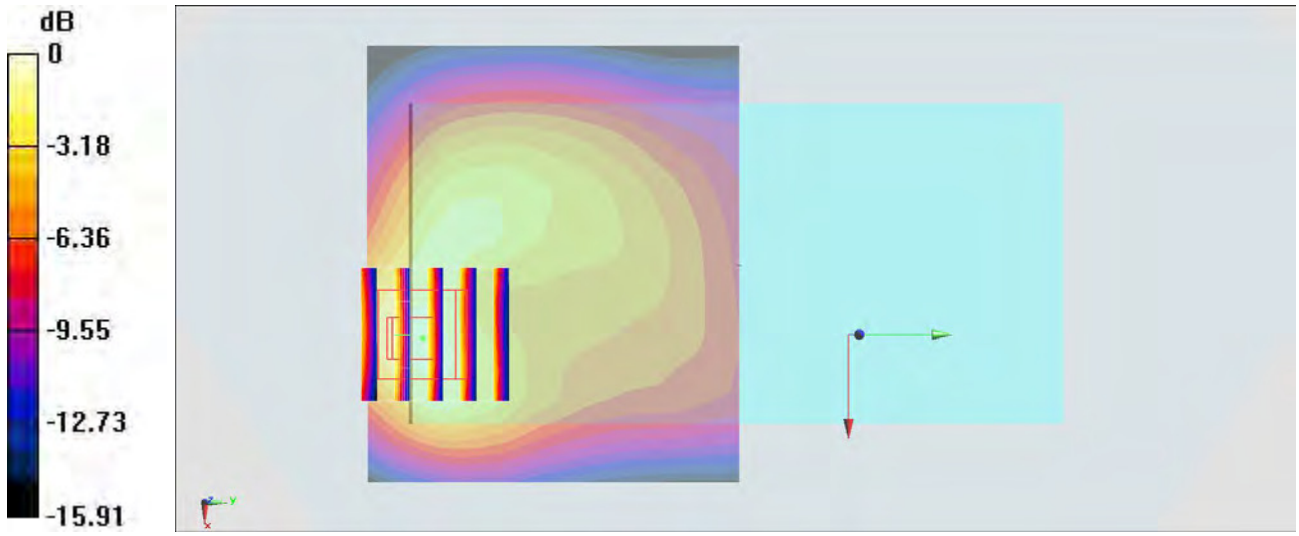
#72_LTE Band 2_20M_QPSK_50_0_Front_10mm_Ch19100

Communication System: LTE ; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_170305 Medium parameters used: f = 1900 MHz; σ = 1.519 S/m; ε_r = 52.969; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8, 8, 8); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.925 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.17 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.400 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



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

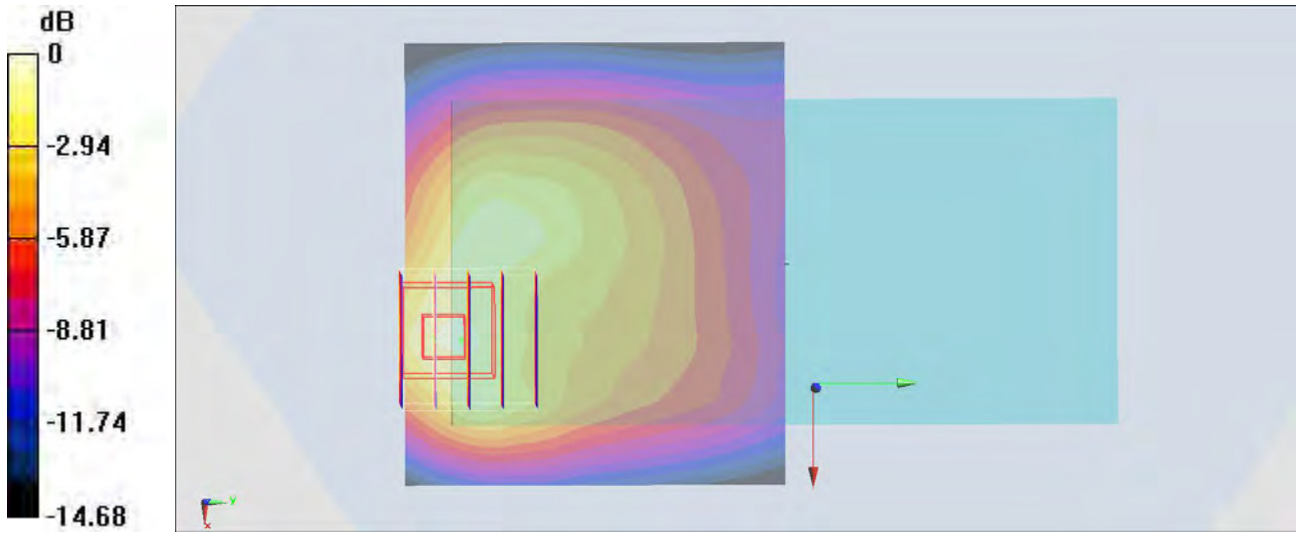
#73_LTE Band 4_20M_QPSK_100_0_Front_10mm_Ch20175

Communication System: LTE ; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_170306 Medium parameters used : f = 1732.5 MHz; σ = 1.483 S/m; ε_r = 55.233; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8.31, 8.31, 8.31); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.960 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.86 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.463 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

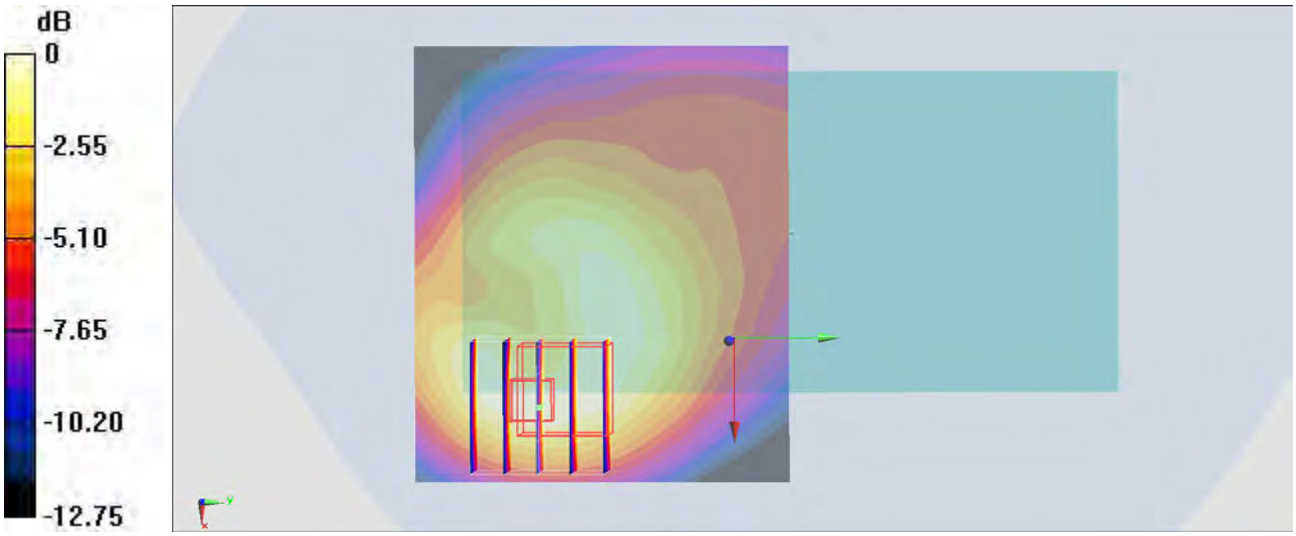
#74_LTE Band 5_10M_QPSK_1_0_Back_10mm_Ch20525

Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_170302 Medium parameters used : f = 836.5 MHz; σ = 0.985 S/m; ε_r = 53.971; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3578; ConvF(9.53, 9.53, 9.53); Calibrated: 2016/5/11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2017/1/6
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.04 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.98 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.451 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



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

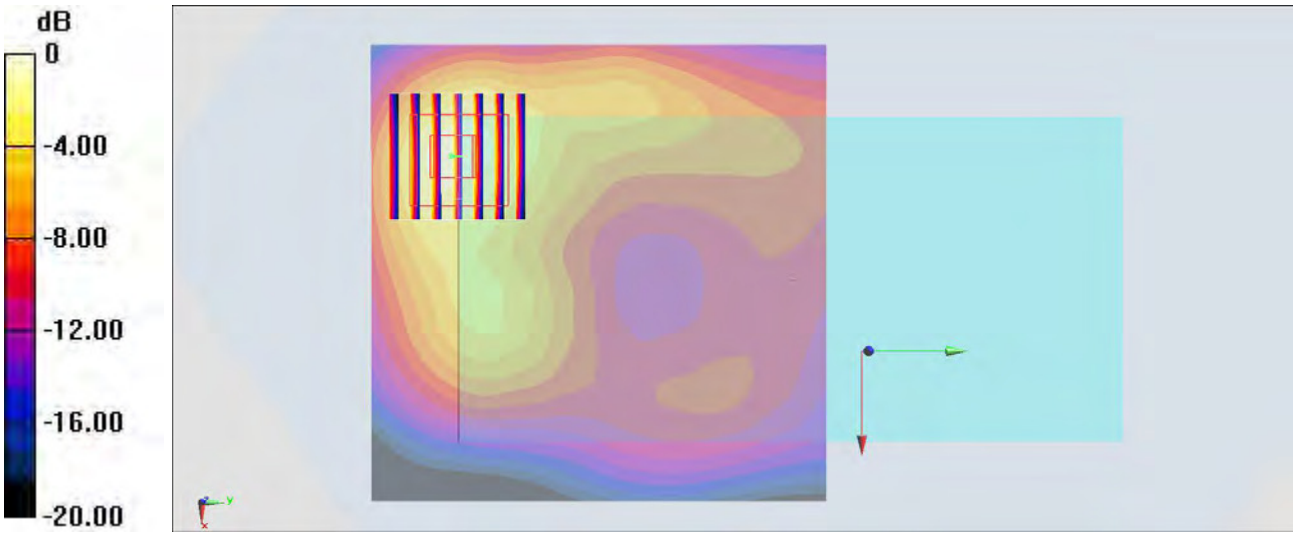
#75_LTE Band 7_20M_QPSK_1_99_Front_10mm_Ch20850

Communication System: LTE ; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: MSL_2600_170307 Medium parameters used: f = 2510 MHz; σ = 2.103 S/m; ε_r = 52.279; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃； Liquid Temperature：22.1 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.42, 7.42, 7.42); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.05 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.35 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.353 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



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

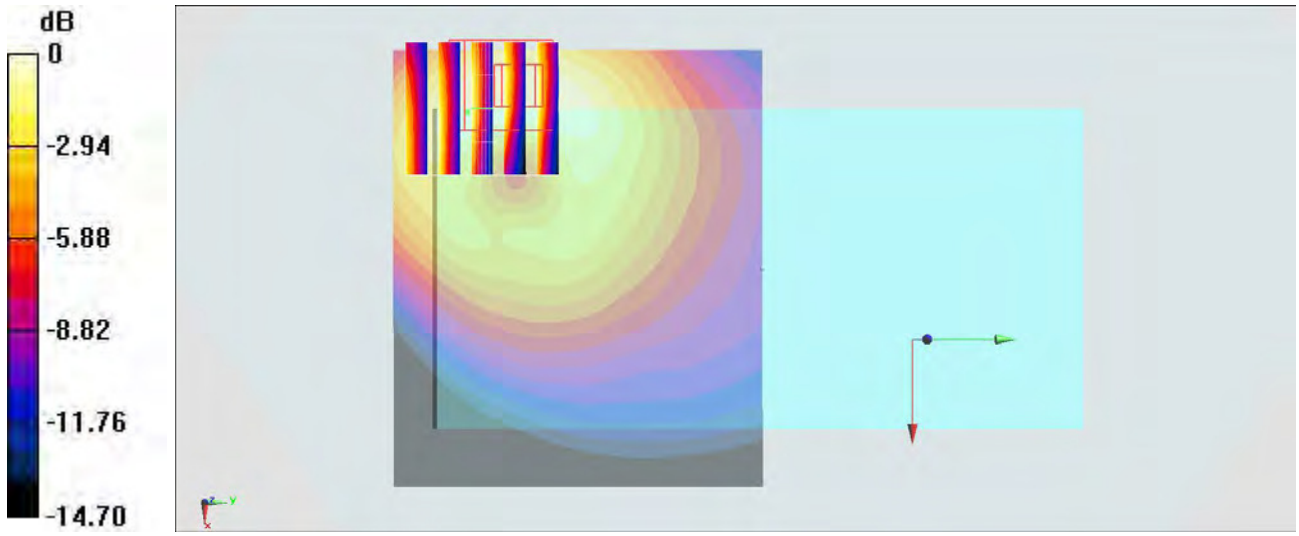
#76_LTE Band 12_10M_QPSK_1_25_Front_10mm_Ch23095

Communication System: LTE ; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: MSL_750_170304 Medium parameters used : f = 707.5 MHz; σ = 0.928 S/m; ε_r = 53.599; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.42, 10.42, 10.42); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.52 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.766 W/kg; SAR(10 g) = 0.448 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



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

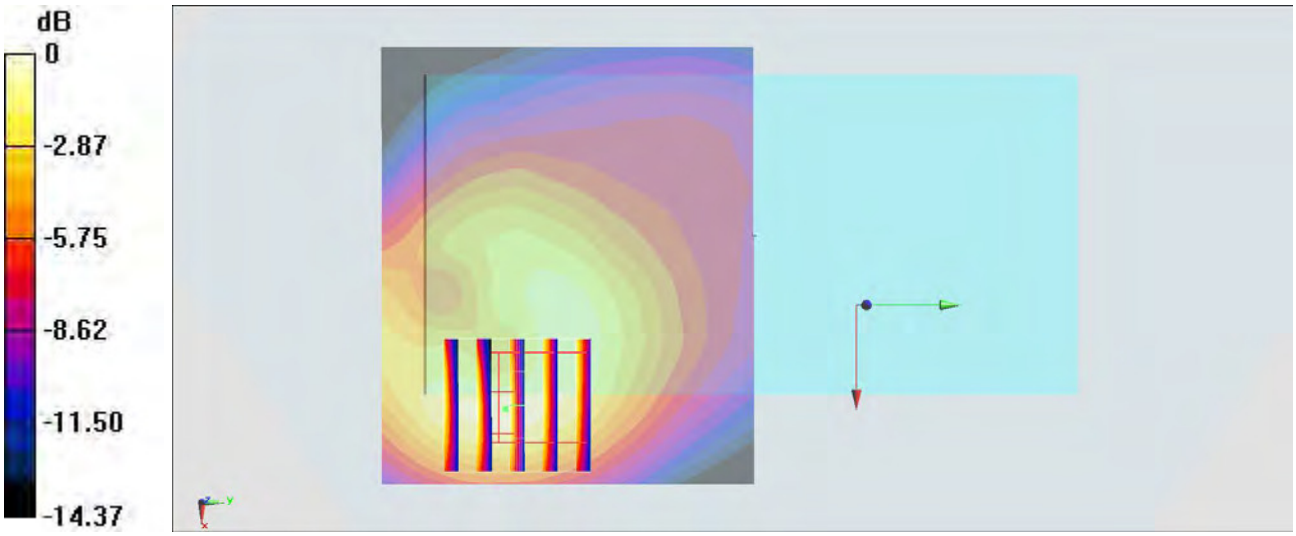
#77_LTE Band 13_10M_QPSK_1_0_Back_10mm_Ch23230

Communication System: LTE ; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_170304 Medium parameters used: f = 782 MHz; σ = 1.002 S/m; ε_r = 52.678; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.42, 10.42, 10.42); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.47 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 40.67 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 1.00 W/kg; SAR(10 g) = 0.619 W/kg
Maximum value of SAR (measured) = 1.57 W/kg



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

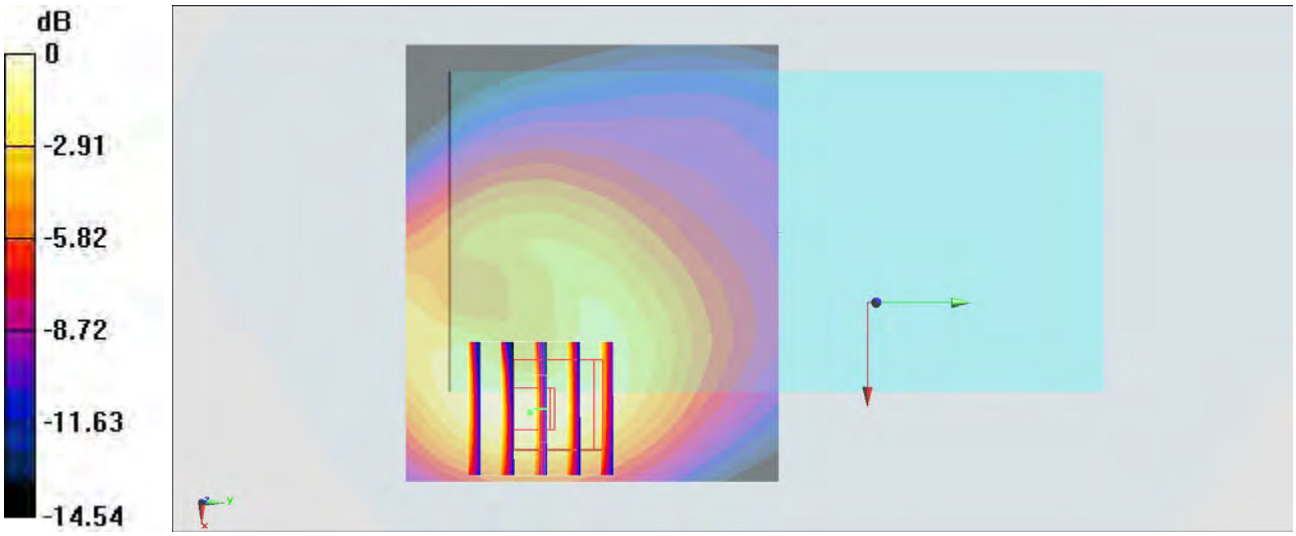
#78_LTE Band 17_10M_QPSK_1_25_Back_10mm_Ch23790

Communication System: LTE ; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_170304 Medium parameters used: f = 710 MHz; σ = 0.93 S/m; ε_r = 53.572; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.42, 10.42, 10.42); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.05 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.80 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.446 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



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

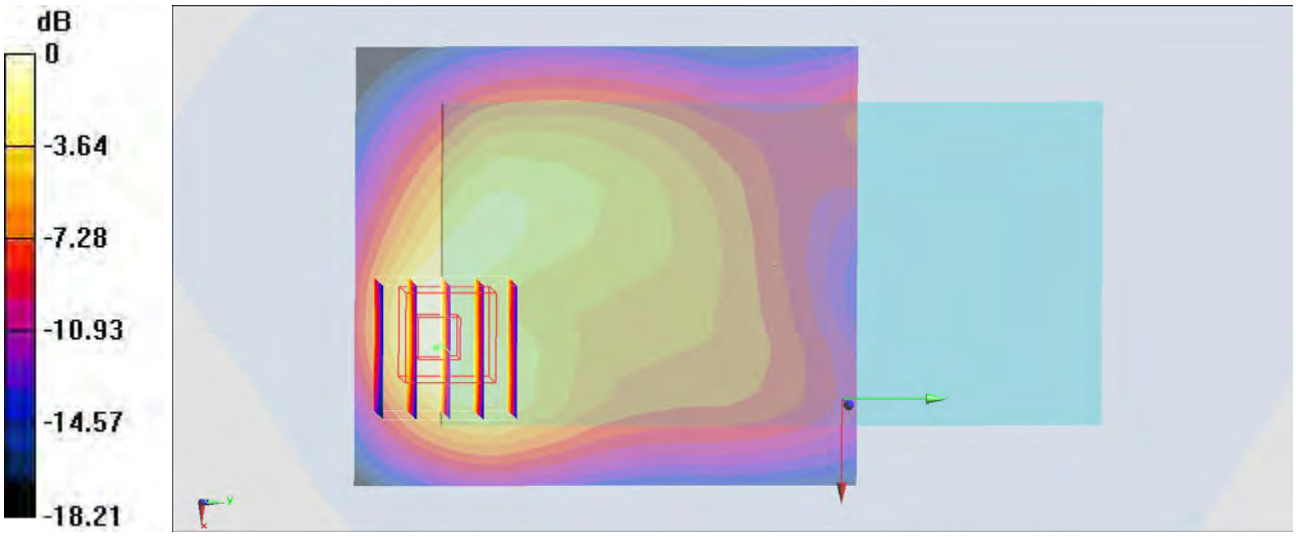
#79_LTE Band 25_20M_QPSK_50_24_Front_10mm_Ch26590

Communication System: LTE; Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: MSL_1900_170305 Medium parameters used: f = 1905 MHz; σ = 1.524 S/m; ε_r = 52.955; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8, 8, 8); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.00 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.779 W/kg; SAR(10 g) = 0.432 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

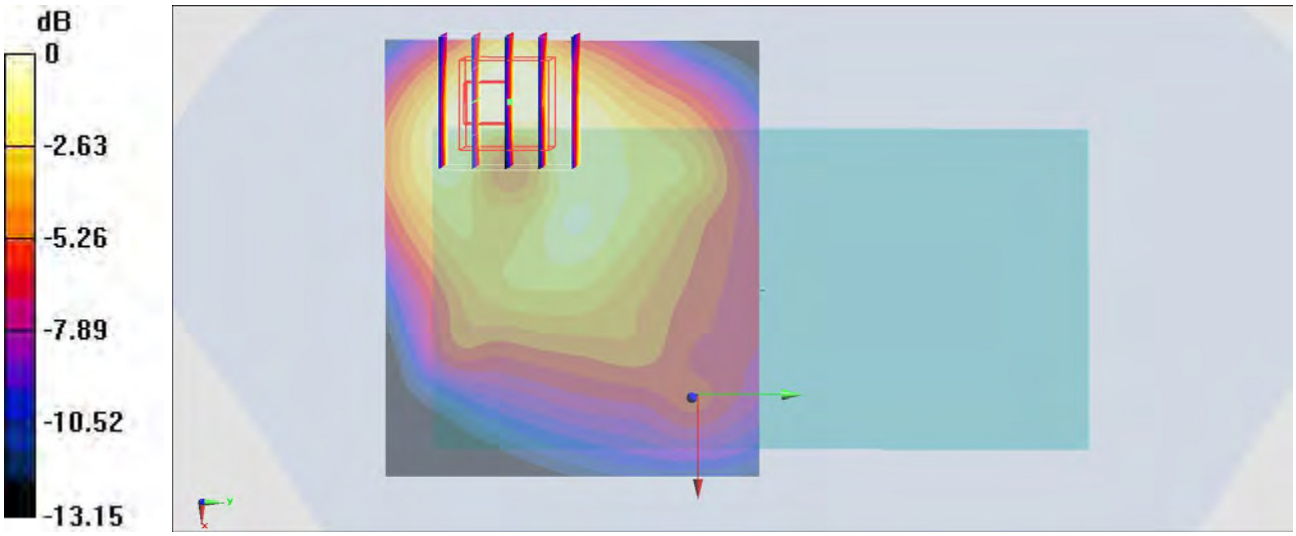
#80_LTE Band 26_15M_QPSK_1_37_Front_10mm_Ch26865

Communication System: LTE ; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_170302 Medium parameters used : f = 831.5 MHz; σ = 0.98 S/m; ε_r = 54.033; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3578; ConvF(9.53, 9.53, 9.53); Calibrated: 2016/5/11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2017/1/6
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.33 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.89 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.508 W/kg
Maximum value of SAR (measured) = 1.26 W/kg



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

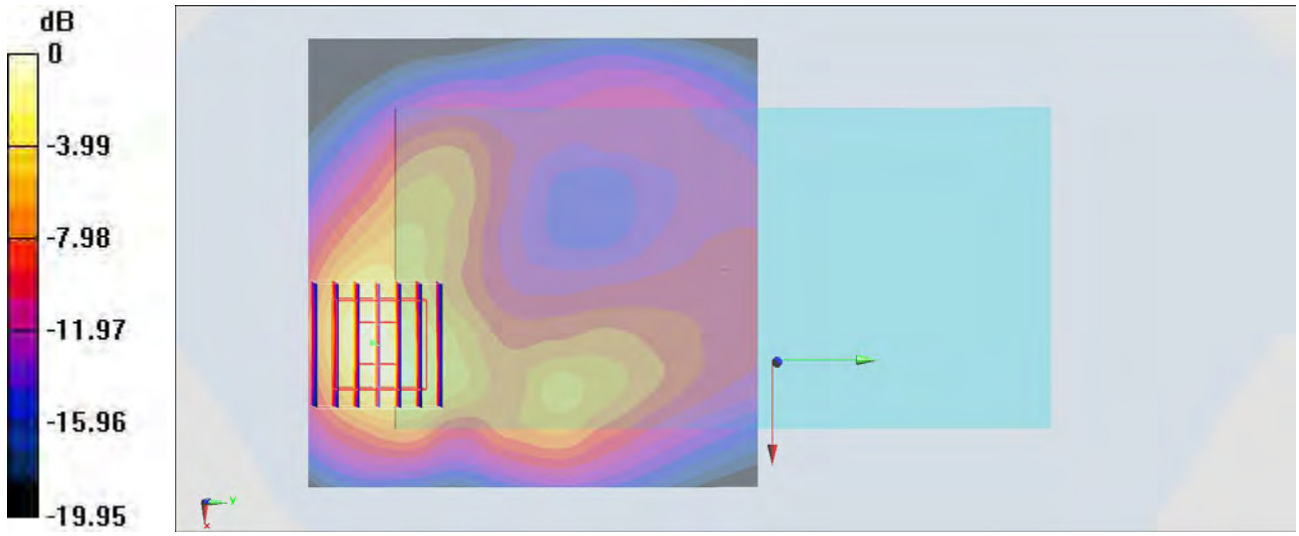
#81_LTE Band 30_10M_QPSK_50_0_Back_10mm_Ch27710

Communication System: LTE; Frequency: 2355 MHz;Duty Cycle: 1:1
Medium: MSL_2300_170308 Medium parameters used: f = 2355 MHz; σ = 1.891 S/m; ε_r = 52.789; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃； Liquid Temperature：22.1 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.96, 7.96, 7.96); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.30 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.95 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.436 W/kg
Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

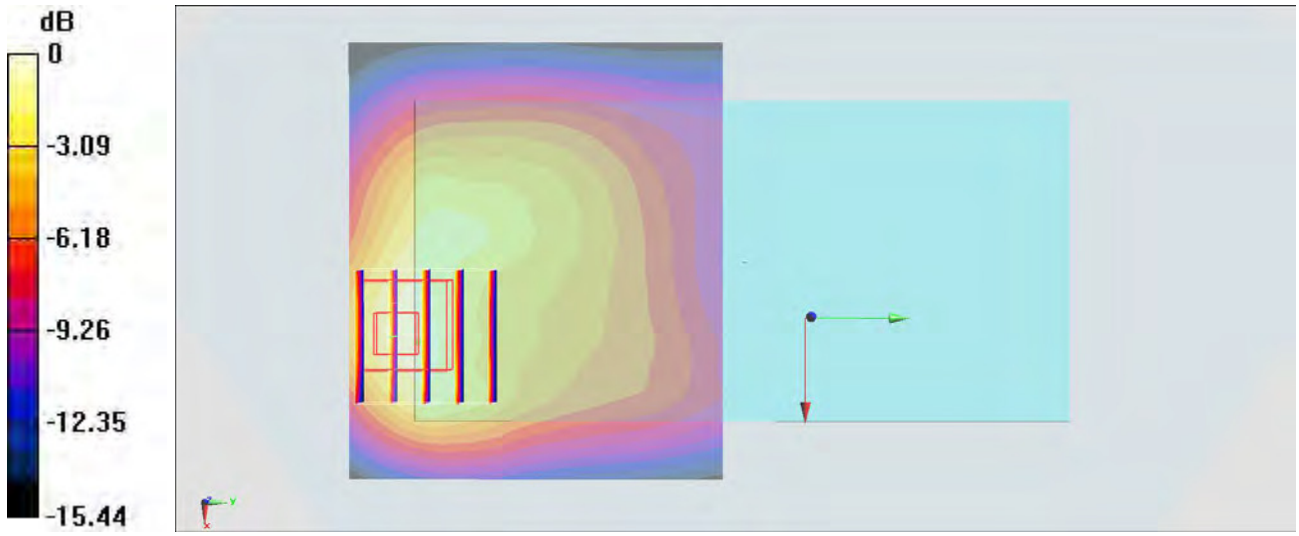
#82_LTE Band 66_20M_QPSK_100_0_Front_10mm_Ch132572

Communication System: LTE ; Frequency: 1770 MHz;Duty Cycle: 1:1
Medium: MSL_1750_170306 Medium parameters used: f = 1770 MHz; σ = 1.524 S/m; ε_r = 55.112; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8.31, 8.31, 8.31); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.09 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.66 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.789 W/kg; SAR(10 g) = 0.448 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



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

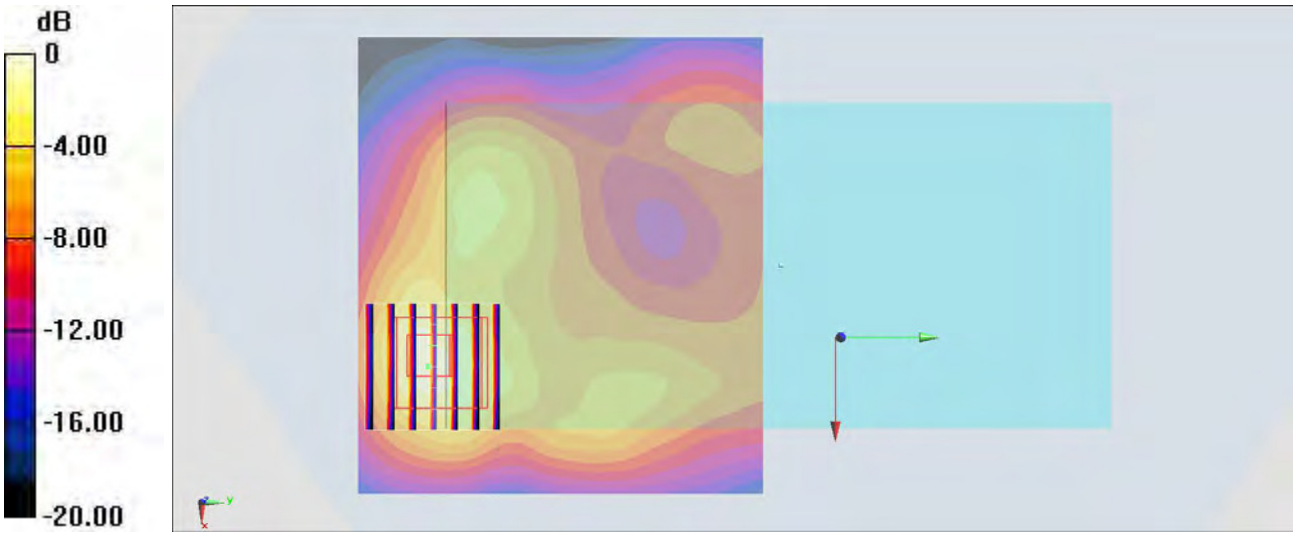
#83_LTE Band 38_20M_QPSK_1_99_Back_10mm_Ch37850

Communication System: LTE TDD; Frequency: 2580 MHz;Duty Cycle: 1:1.59
Medium: MSL_2600_170308 Medium parameters used: f = 2580 MHz; σ = 2.203 S/m; ε_r = 52.823; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃； Liquid Temperature：22.1 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.46, 7.46, 7.46); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.639 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.09 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.904 W/kg
SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.196 W/kg
Maximum value of SAR (measured) = 0.717 W/kg



0 dB = 0.717 W/kg = -1.44 dBW/kg

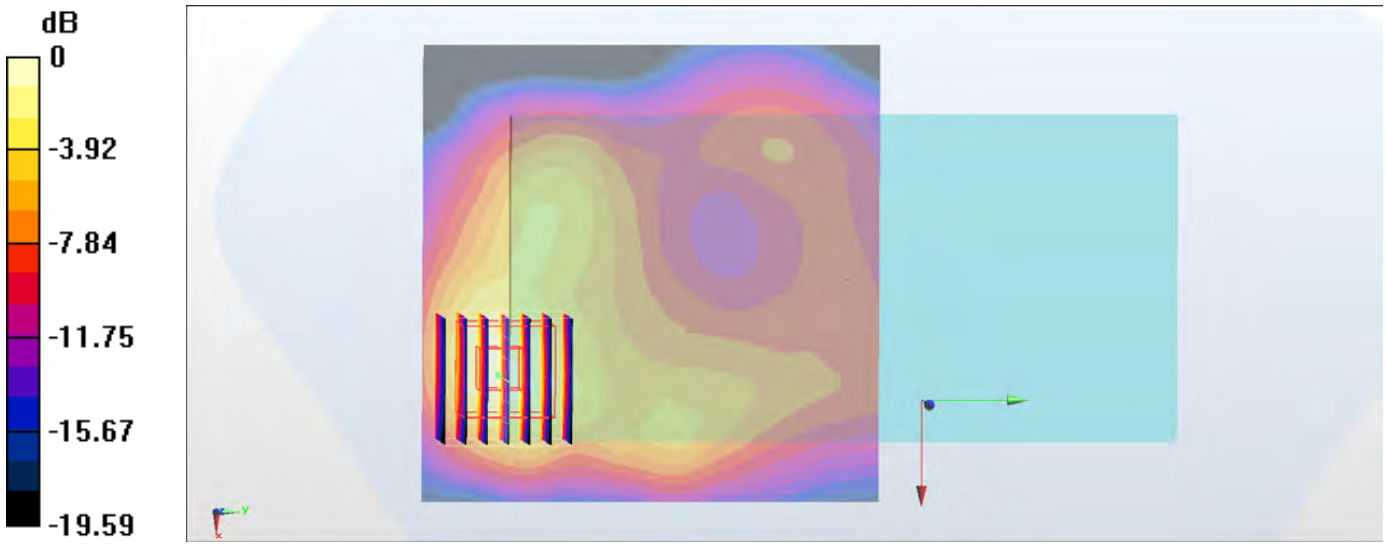
#84_LTE Band 41_20M_QPSK_1_99_Back_10mm_Ch40185

Communication System: LTE-TDD; Frequency: 2549.5 MHz;Duty Cycle: 1:1.59
Medium: MSL_2600_170307 Medium parameters used: f = 2550 MHz; σ = 2.161 S/m; ε_r = 52.115; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.42, 7.42, 7.42); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.752 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.97 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(**1 g**) = **0.564 W**/kg; SAR(**10 g**) = **0.254** W/kg
Maximum value of SAR (measured) = 0.885 W/kg



0 dB = 0.885 W/kg = -0.53 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/9

#85_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.024
Medium: MSL_2450_170309 Medium parameters used: f = 2437 MHz; σ = 1.96 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(7.65, 7.65, 7.65); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (91x81x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.581 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.1 V/m; Power Drift = -0.044 dB
Peak SAR (extrapolated) = 0.674 W/kg
SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.202 mW/g
Maximum value of SAR (measured) = 0.534 mW/g

0 dB = 0.534mW/g

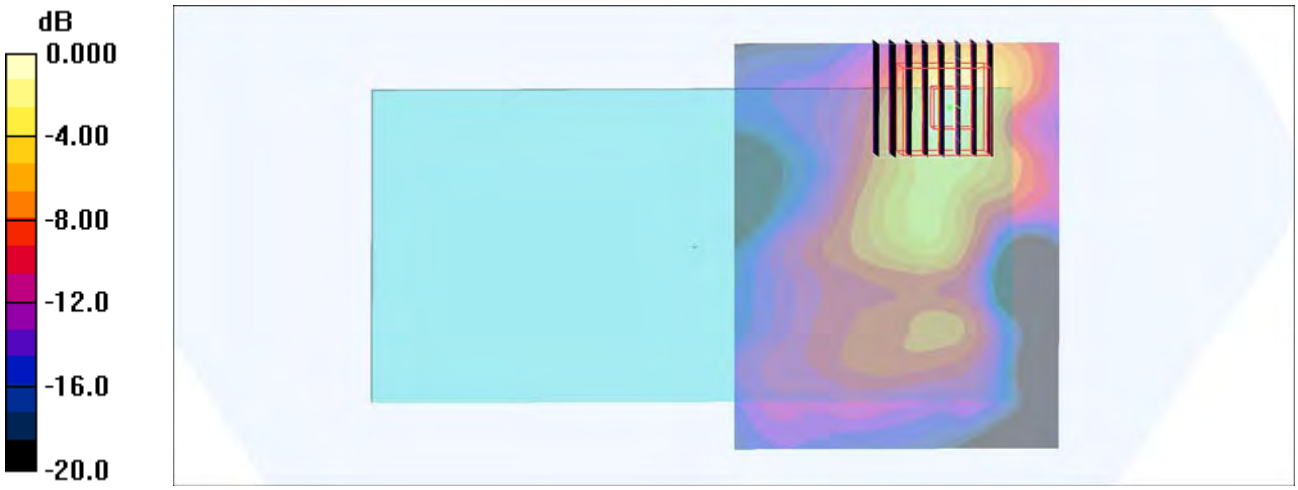
#86_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch54

Communication System: 802.11n; Frequency: 5270 MHz;Duty Cycle: 1:1.175
Medium: MSL_5G_170304 Medium parameters used: f = 5270 MHz; σ = 5.56 mho/m; ε_r = 47.6; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.57, 4.57, 4.57); Calibrated: 2016/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.933 mW/g

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.32 V/m; Power Drift = -0.063 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.140 mW/g
Maximum value of SAR (measured) = 1.04 mW/g



0 dB = 1.04mW/g

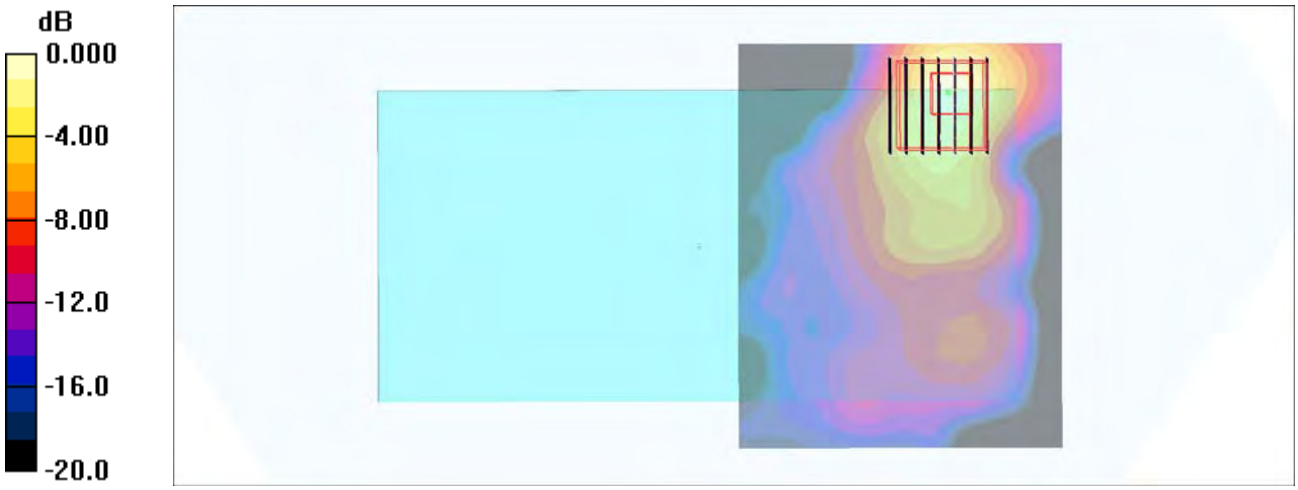
#87_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch142

Communication System: 802.11n; Frequency: 5710 MHz;Duty Cycle: 1:1.175
Medium: MSL_5G_170308 Medium parameters used: f = 5710 MHz; σ = 6.12 mho/m; ε_r = 46; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(3.91, 3.91, 3.91); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.912 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.5 V/m; Power Drift = 0.132 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.117 mW/g
Maximum value of SAR (measured) = 0.981 mW/g



0 dB = 0.981mW/g

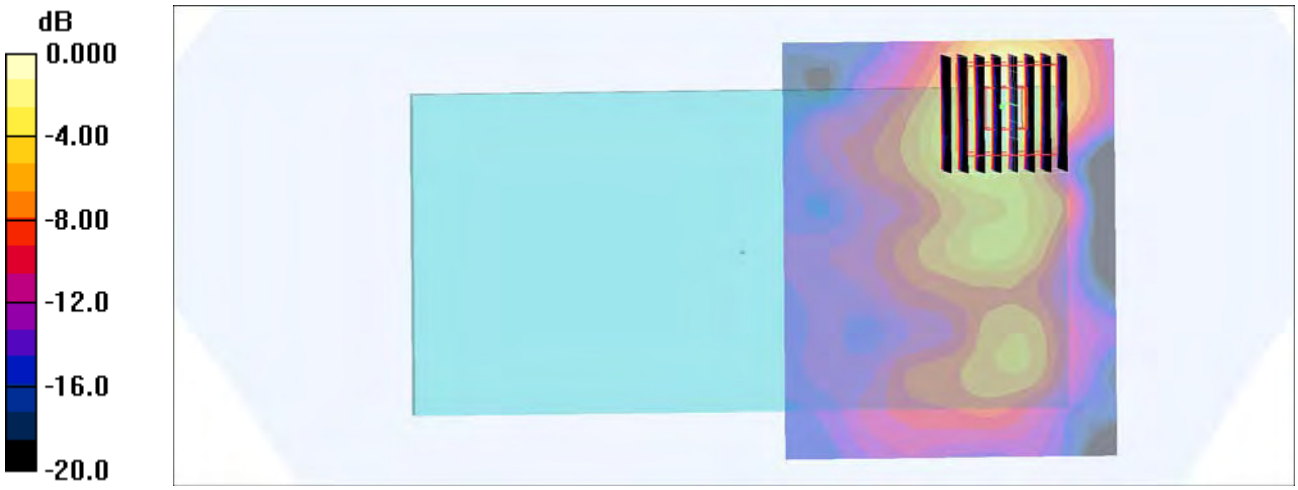
#88_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch159

Communication System: 802.11n; Frequency: 5795 MHz;Duty Cycle: 1:1.175
Medium: MSL_5G_170310 Medium parameters used: f = 5795 MHz; σ = 6.22 mho/m; ε_r = 45.9; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3931; ConvF(4.01, 4.01, 4.01); Calibrated: 2016/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.552 mW/g

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.58 V/m; Power Drift = -0.144 dB
Peak SAR (extrapolated) = 0.913 W/kg
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.543 mW/g



0 dB = 0.543mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2017/3/9

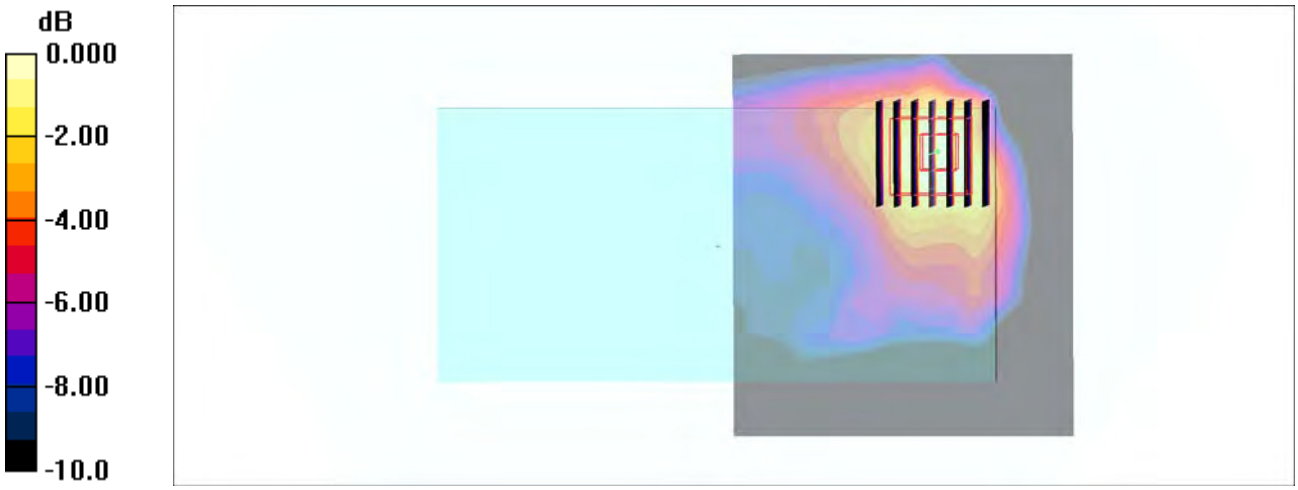
#89_Bluetooth_1Mbps_Back_10mm_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1.305
Medium: MSL_2450_170309 Medium parameters used: f = 2441 MHz; σ = 1.97 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(7.65, 7.65, 7.65); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (91x81x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.113 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.36 V/m; Power Drift = 0.102 dB
Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.105 mW/g



0 dB = 0.105mW/g