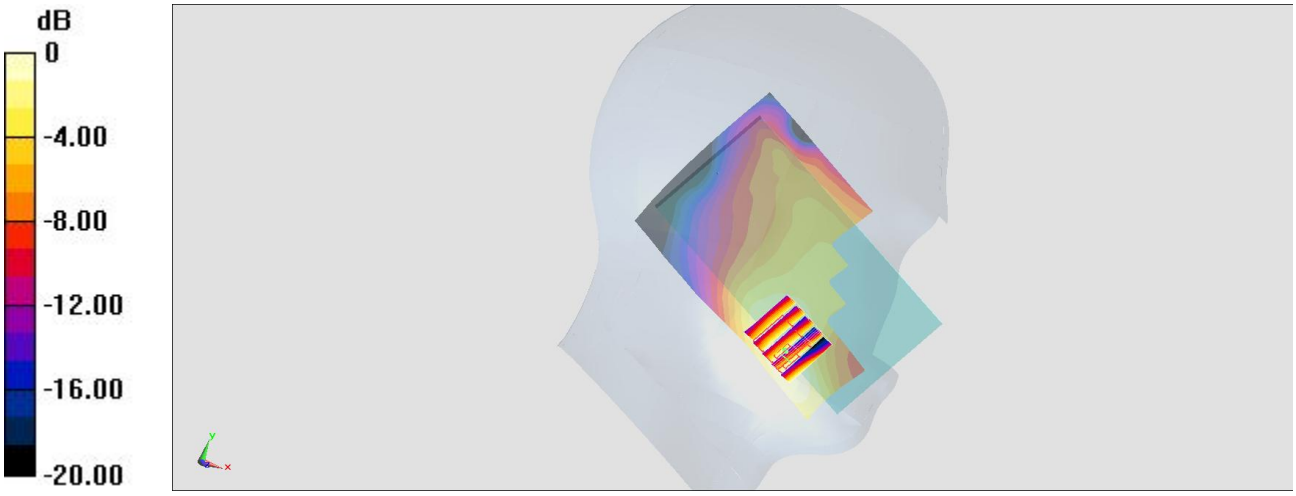
#01_GSM850_GPRS (4 Tx slots)_Left Cheek_Ch189

Communication System: GSM850 ; Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_160523 Medium parameters used : f = 836.4 MHz; σ = 0.905 S/m; ε_r = 41.393; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.223 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.129 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.268 W/kg
SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.116 W/kg
Maximum value of SAR (measured) = 0.228 W/kg



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

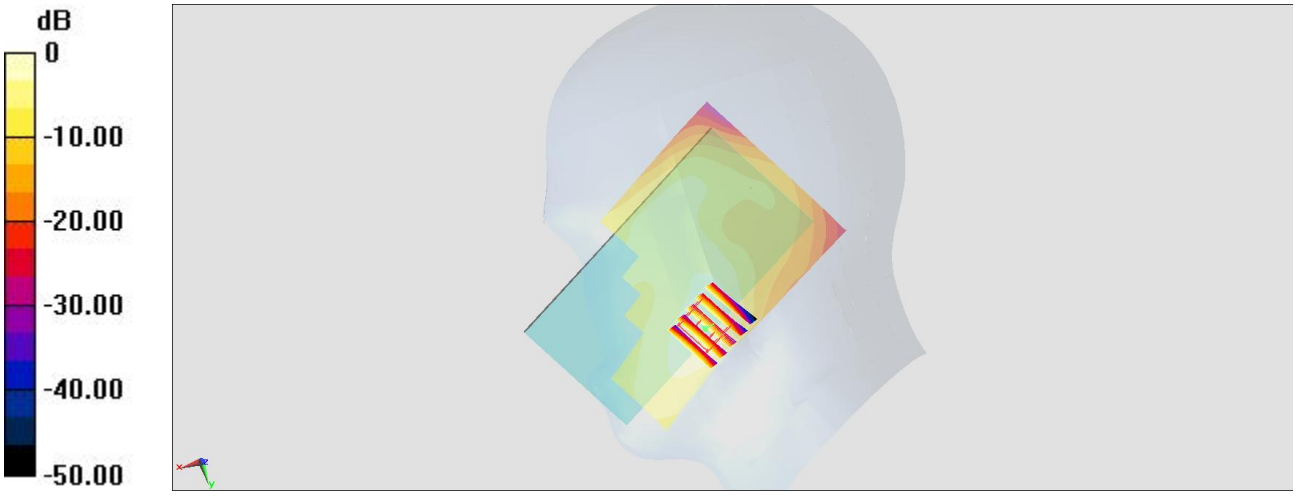
#02_GSM1900_GPRS (4 Tx slots)_Right Cheek_Ch810

Communication System: PCS ; Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_160523 Medium parameters used: f = 1910 MHz; σ = 1.441 S/m; ε_r = 38.599; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.320 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.307 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.398 W/kg
SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.160 W/kg
Maximum value of SAR (measured) = 0.306 W/kg



0 dB = 0.320 W/kg = -4.95 dBW/kg

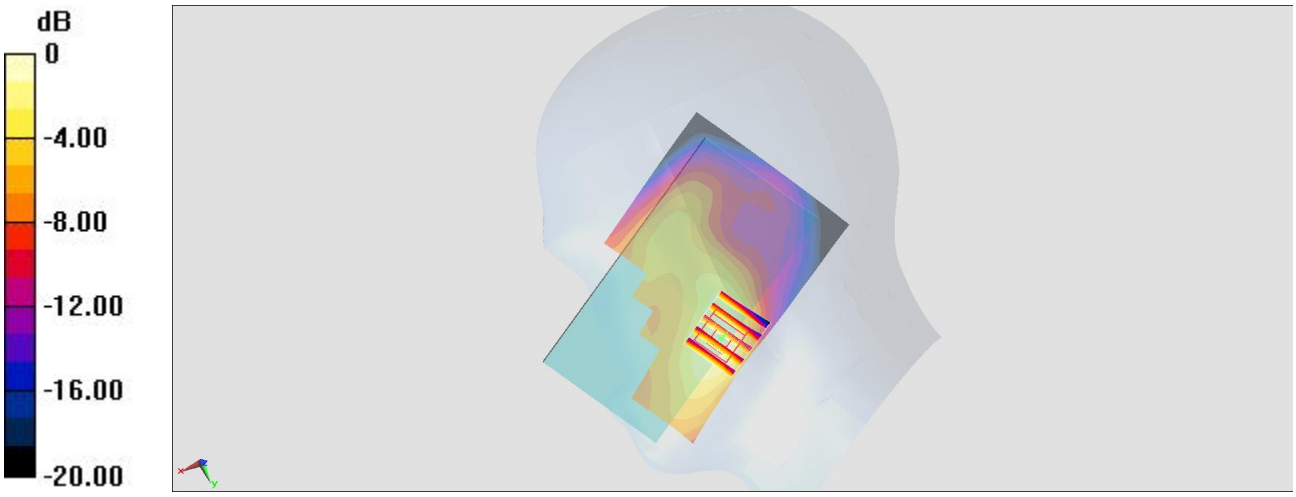
#03_WCDMA II_RMC 12.2Kbps_Right Cheek_Ch9538

Communication System: WCDMA ; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_160523 Medium parameters used: f = 1908 MHz; σ = 1.439 S/m; ε_r = 38.611; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.475 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.676 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.576 W/kg
SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.237 W/kg
Maximum value of SAR (measured) = 0.446 W/kg



0 dB = 0.475 W/kg = -3.23 dBW/kg

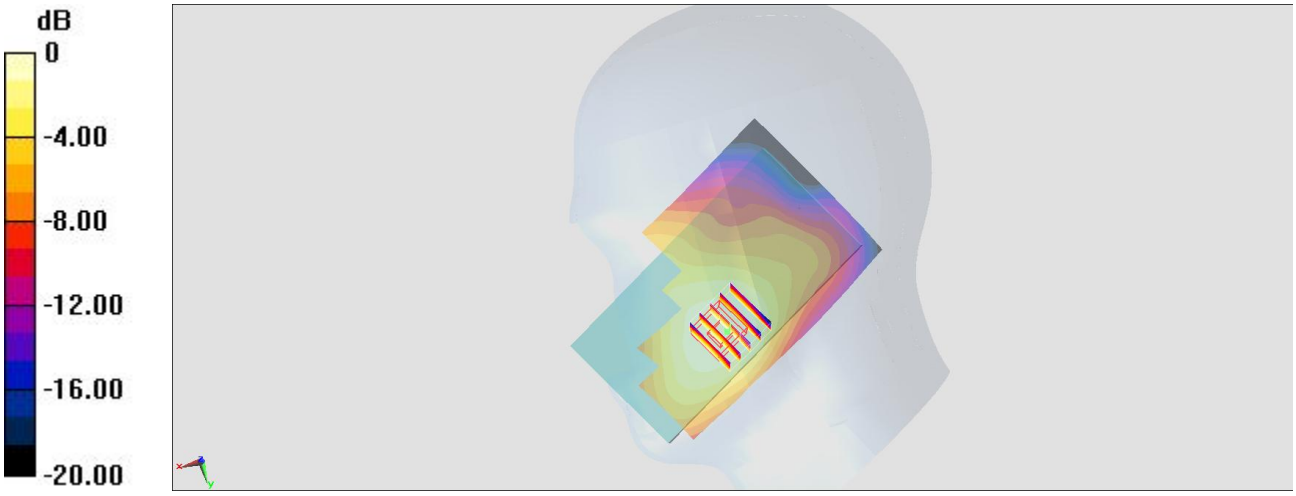
#04_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4132

Communication System: WCDMA ; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_160523 Medium parameters used : f = 826.4 MHz; σ = 0.896 S/m; ε_r = 41.524; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.244 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.534 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.266 W/kg
SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 0.239 W/kg



0 dB = 0.244 W/kg = -6.13 dBW/kg

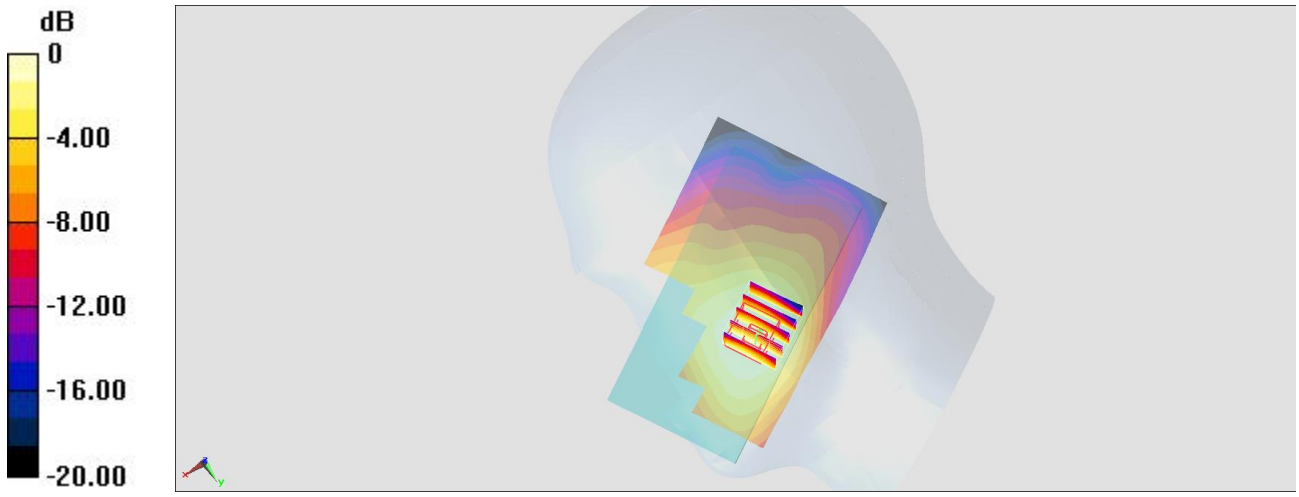
#05_CDMA BC0_1xRTT RC3 SO55_Right Cheek_Ch777

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_850_160523 Medium parameters used : f = 848.31 MHz; σ = 0.915 S/m; ε_r = 41.246; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.252 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.561 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.279 W/kg
SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.183 W/kg
Maximum value of SAR (measured) = 0.246 W/kg



0 dB = 0.252 W/kg = -5.99 dBW/kg

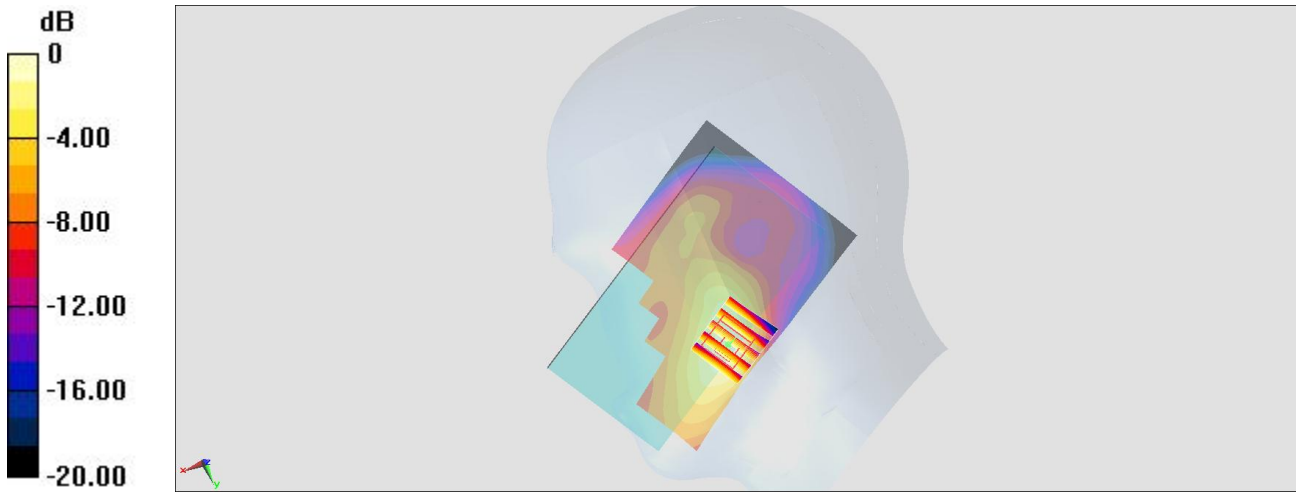
#06_CDMA BC1_1xRTT RC3 SO55_Right Cheek_Ch1175

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900_160523 Medium parameters used: f = 1909 MHz; σ = 1.44 S/m; ε_r = 38.605; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.614 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.968 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.730 W/kg
SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.268 W/kg
Maximum value of SAR (measured) = 0.570 W/kg



0 dB = 0.614 W/kg = -2.12 dBW/kg

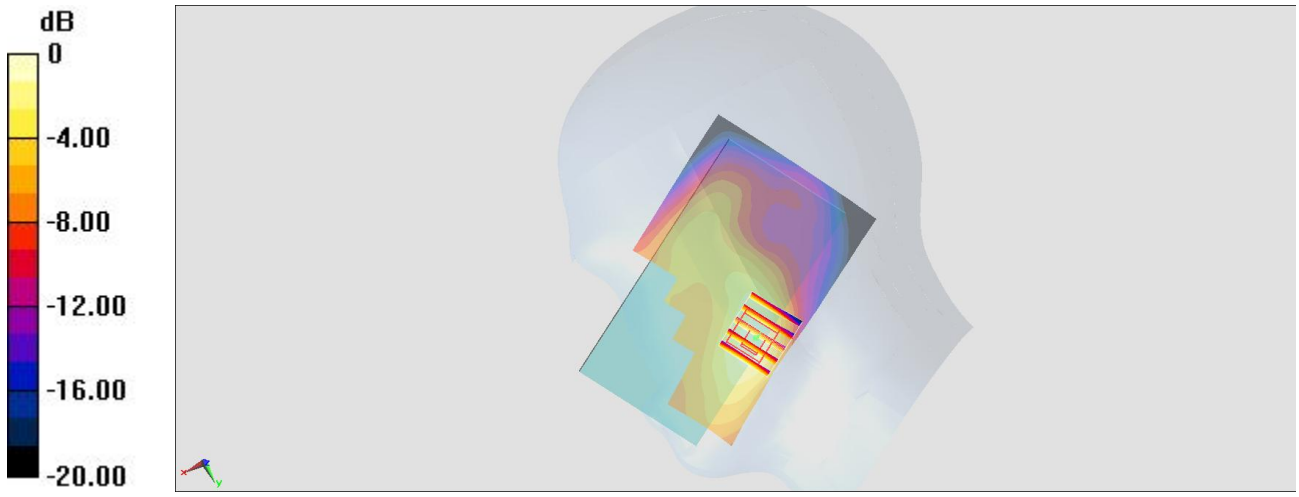
#07_LTE Band 2_20M_QPSK_1_99_Right Cheek_Ch18900

Communication System: LTE ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_160523 Medium parameters used: f = 1880 MHz; σ = 1.41 S/m; ε_r = 38.763; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x111x1): 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 = 13.624 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.537 W/kg
SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.226 W/kg
Maximum value of SAR (measured) = 0.417 W/kg



0 dB = 0.450 W/kg = -3.47 dBW/kg

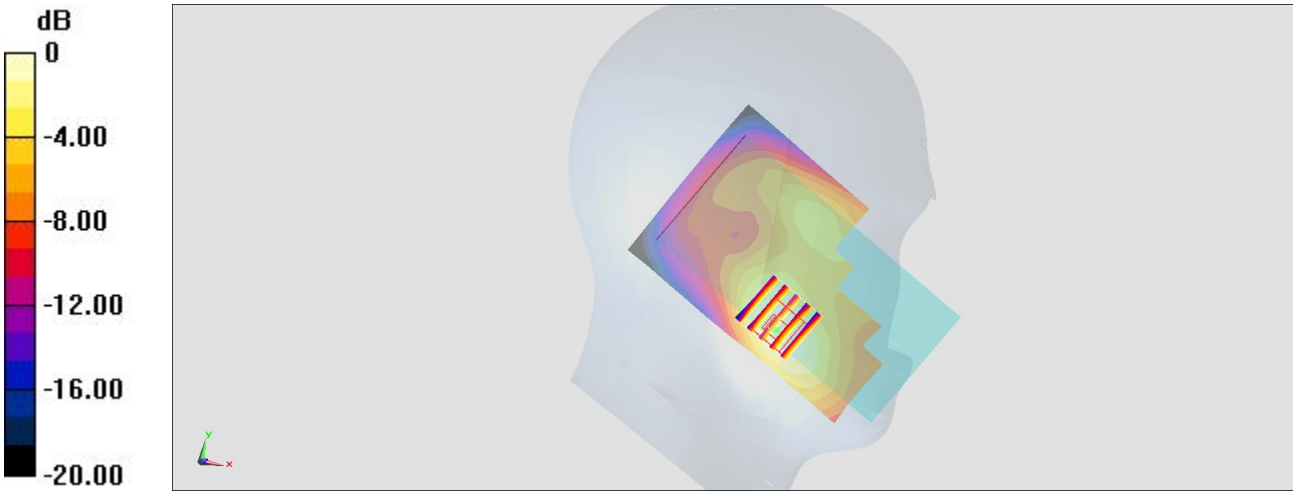
#08_LTE Band 4_20M_QPSK_1_49_Left Cheek_Ch20175

Communication System: LTE ; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750_160523 Medium parameters used : f = 1732.5 MHz; σ = 1.365 S/m; ε_r = 38.974; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(5.32, 5.32, 5.32); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.270 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.218 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.321 W/kg
SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.152 W/kg
Maximum value of SAR (measured) = 0.257 W/kg



0 dB = 0.270 W/kg = -5.69 dBW/kg

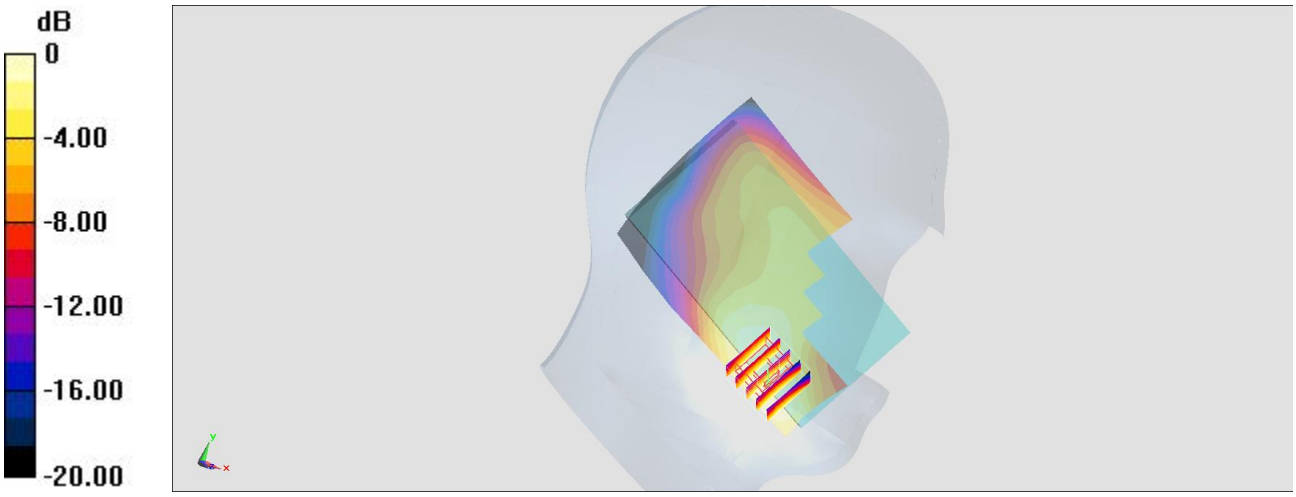
#09_LTE Band 5_10M_QPSK_1_25_Left Cheek_Ch20525

Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_160523 Medium parameters used : f = 836.5 MHz; σ = 0.905 S/m; ε_r = 41.392; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.380 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.175 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.449 W/kg
SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.218 W/kg
Maximum value of SAR (measured) = 0.380 W/kg



0 dB = 0.380 W/kg = -4.20 dBW/kg

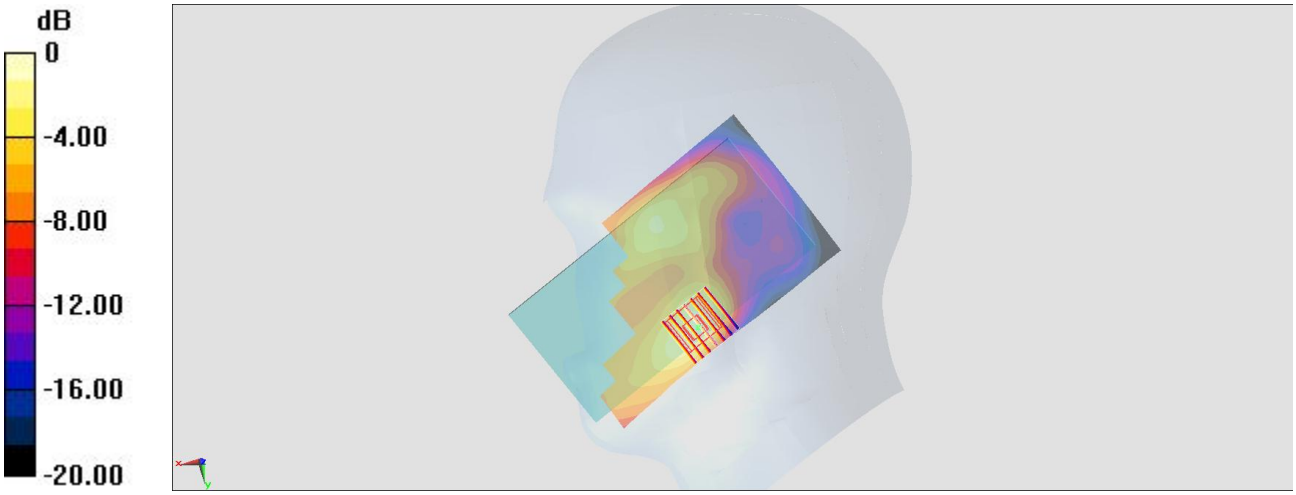
#10_LTE Band 7_20M_QPSK_1_99_Right Cheek_Ch21100

Communication System: LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_160524 Medium parameters used: f = 2535 MHz; σ = 1.837 S/m; ε_r = 39.684; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.44, 4.44, 4.44); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.268 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.019 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.353 W/kg
SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.110 W/kg
Maximum value of SAR (measured) = 0.254 W/kg



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

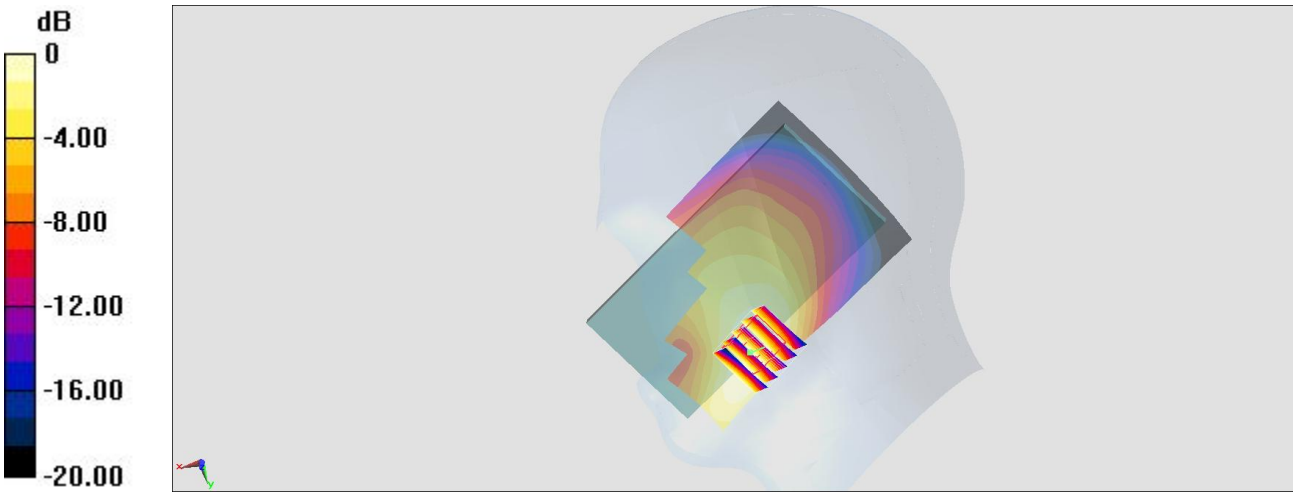
#11_LTE Band 13_10M_QPSK_1_49_Right Cheek_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_160523 Medium parameters used: f = 782 MHz; σ = 0.931 S/m; ε_r = 41.471; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.5, 6.5, 6.5); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.419 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.946 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.468 W/kg
SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.267 W/kg
Maximum value of SAR (measured) = 0.406 W/kg



0 dB = 0.419 W/kg = -3.78 dBW/kg

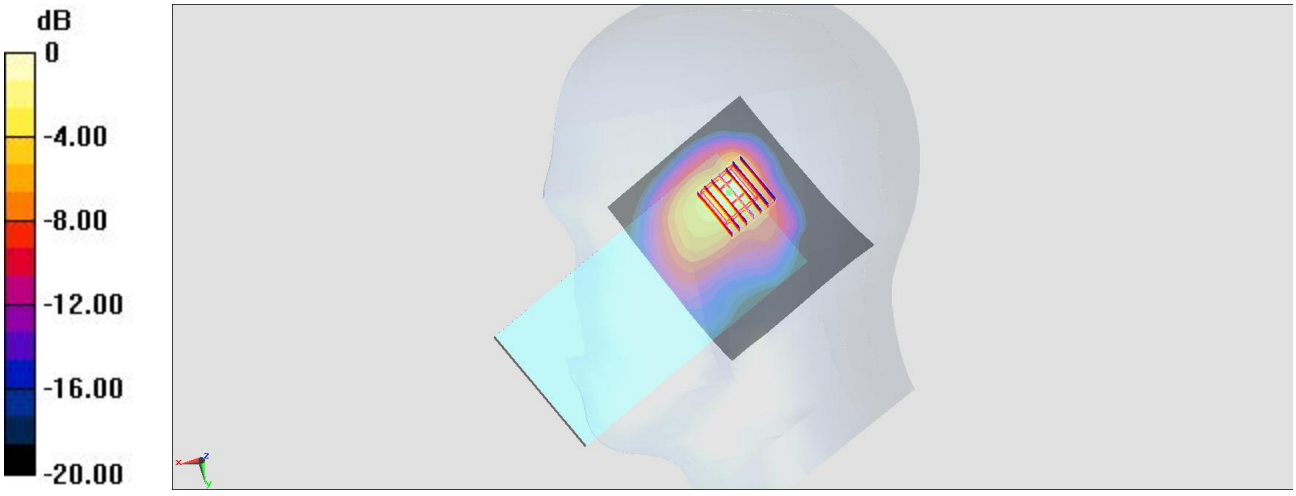
#12_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6;Ant 1

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1.010
Medium: HSL_2450_160526 Medium parameters used: f = 2437 MHz; σ = 1.827 S/m; ε_r = 38.875; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.59, 4.59, 4.59); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.952 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.712 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.678 W/kg; SAR(10 g) = 0.305 W/kg
Maximum value of SAR (measured) = 0.896 W/kg



0 dB = 0.952 W/kg = -0.21 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/5/27

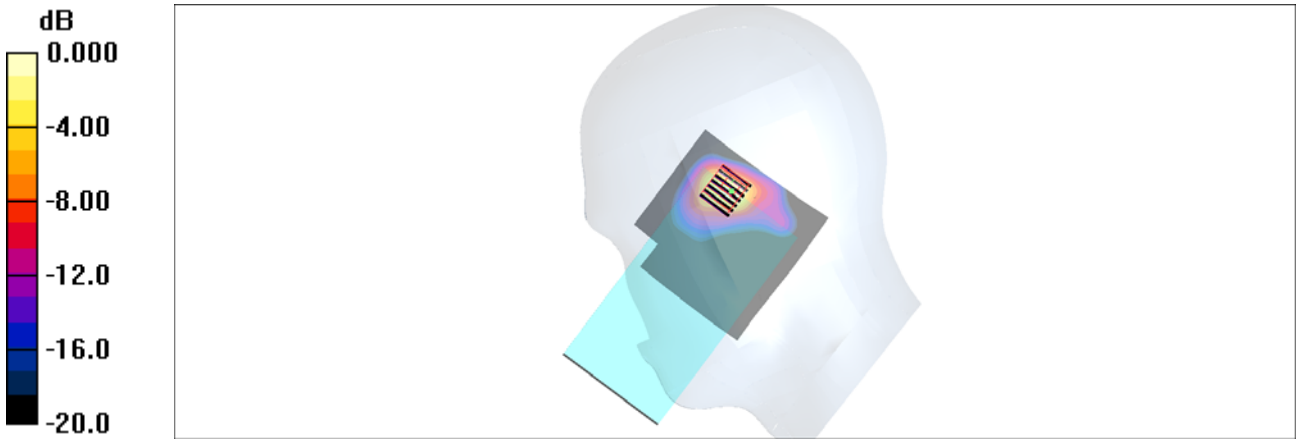
#13_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch58;Ant 1

Communication System: 802.11ac; Frequency: 5290 MHz;Duty Cycle: 1:1.167
Medium: HSL_5G_160527 Medium parameters used: f = 5290 MHz; σ = 4.53 mho/m; ε_r = 36.3; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(5.09, 5.09, 5.09); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.419 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.13 V/m; Power Drift = 0.092 dB
Peak SAR (extrapolated) = 0.919 W/kg
SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.046 mW/g.
Maximum value of SAR (measured) = 0.498 mW/g



0 dB = 0.498mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/5/27

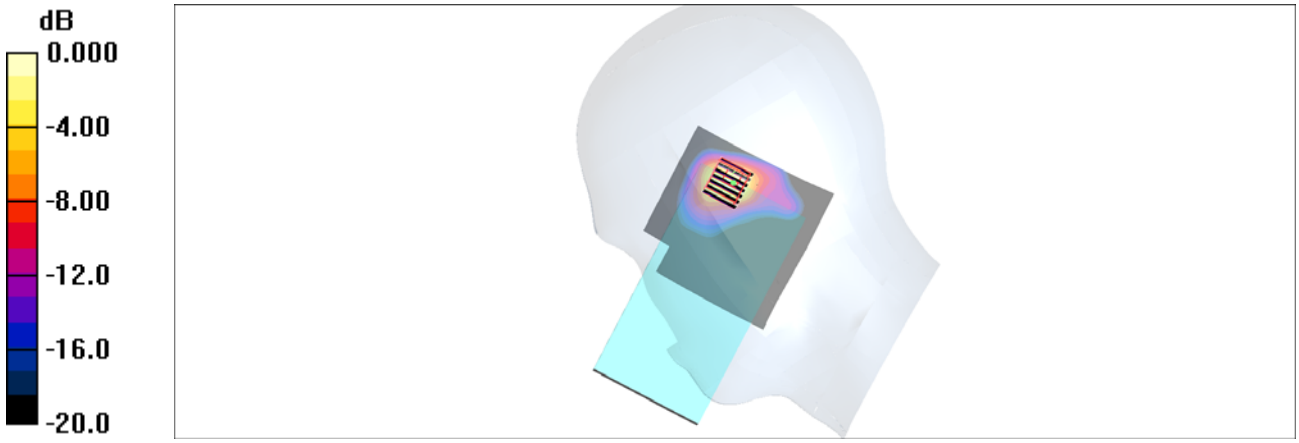
#14_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch122;Ant 1

Communication System: 802.11ac; Frequency: 5610 MHz;Duty Cycle: 1:1.167
Medium: HSL_5G_160527 Medium parameters used: f = 5610 MHz; σ = 4.84 mho/m; ε_r = 35.8; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(4.48, 4.48, 4.48); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.498 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.55 V/m; Power Drift = 0.015 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.591 mW/g



0 dB = 0.591mW/g

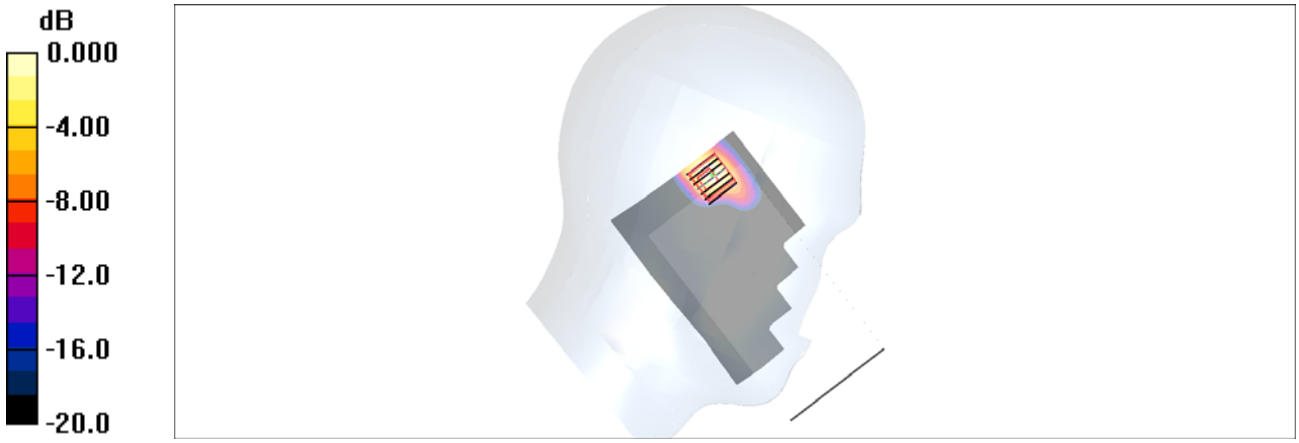
#15_WLAN5GHz_802.11ac-VHT80 MCS0_Left Cheek_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.167
Medium: HSL_5G_160527 Medium parameters used: f = 5775 MHz; σ = 5 mho/m; ε_r = 35.6; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(4.59, 4.59, 4.59); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.384 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.00 V/m; Power Drift = 0.194 dB
Peak SAR (extrapolated) = 0.626 W/kg
SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.354 mW/g



0 dB = 0.354mW/g

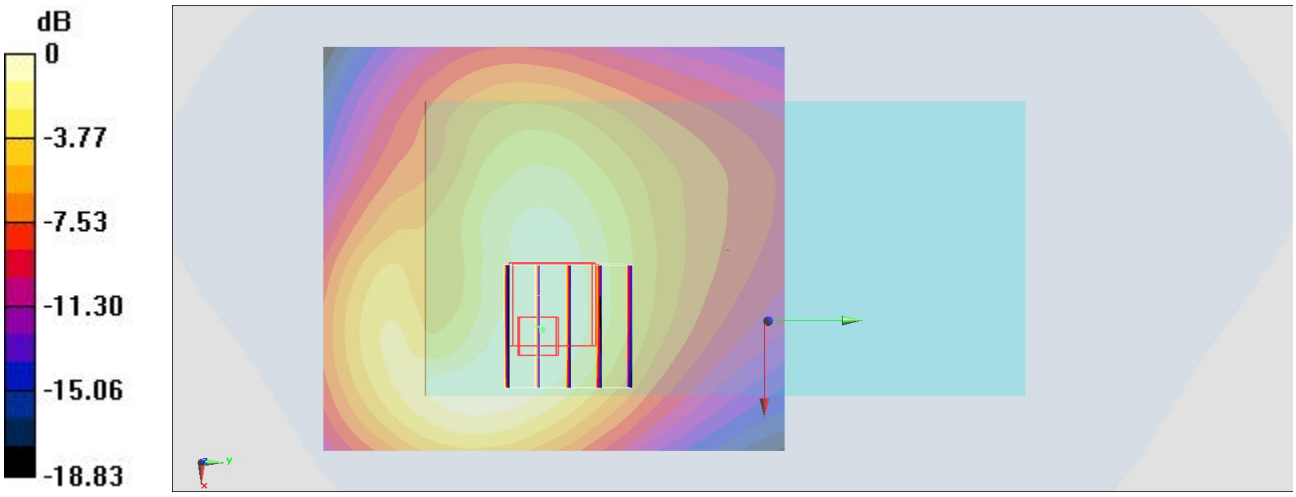
#16_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch189

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_160524 Medium parameters used: f = 836.4 MHz; σ = 0.98 S/m; ε_r = 56.625; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.300 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.817 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.381 W/kg
SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.172 W/kg
Maximum value of SAR (measured) = 0.296 W/kg



0 dB = 0.300 W/kg = -5.23 dBW/kg

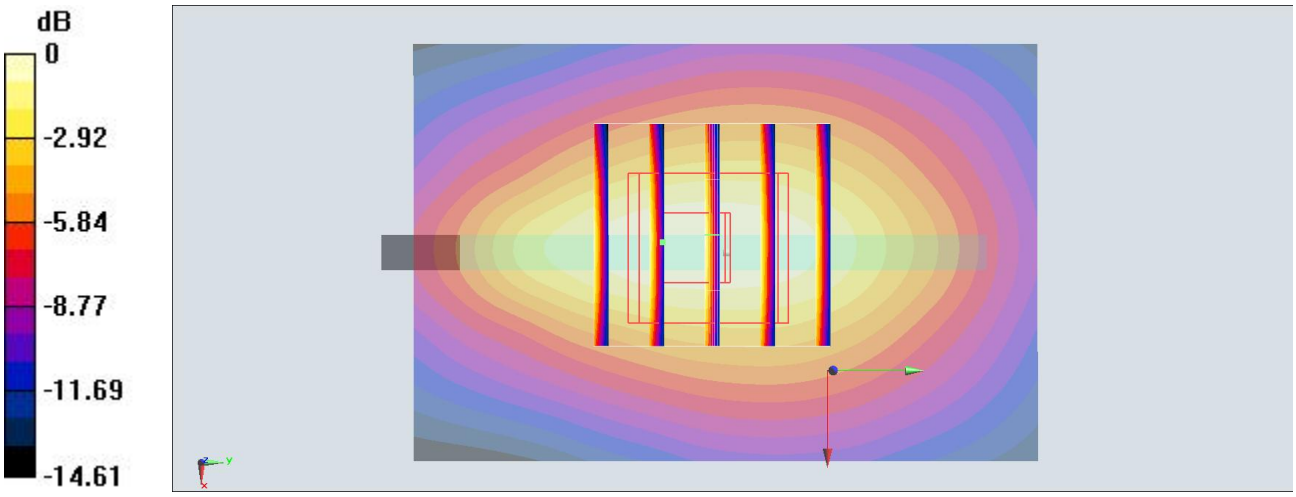
#17_GSM1900_GPRS (4 Tx slots)_Bottom Side_10mm_Ch810

Communication System: PCS ; Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_160524 Medium parameters used: f = 1910 MHz; σ = 1.592 S/m; ε_r = 52.544; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.890 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.312 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.401 W/kg
Maximum value of SAR (measured) = 0.865 W/kg



0 dB = 0.890 W/kg = -0.51 dBW/kg

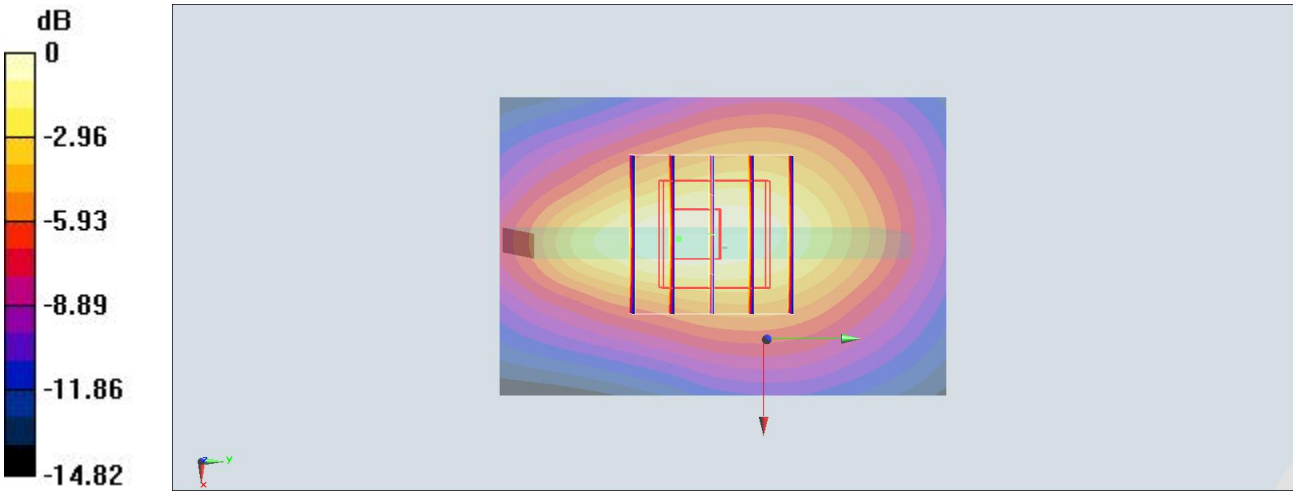
#18_WCDMA II_RMC 12.2Kbps_Bottom Side_10mm_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160524 Medium parameters used: f = 1852.4 MHz; σ = 1.527 S/m; ε_r = 52.768; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.371 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.832 W/kg; SAR(10 g) = 0.489 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



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

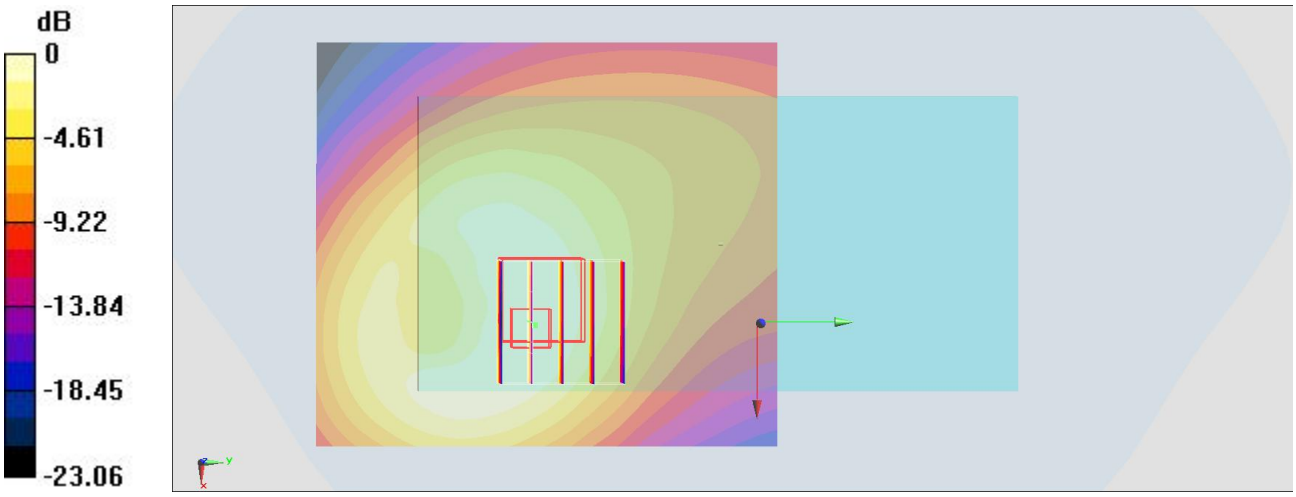
#19_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_160524 Medium parameters used: f = 836.4 MHz; σ = 0.98 S/m; ε_r = 56.625; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.411 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.206 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.541 W/kg
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.234 W/kg
Maximum value of SAR (measured) = 0.420 W/kg



0 dB = 0.411 W/kg = -3.86 dBW/kg

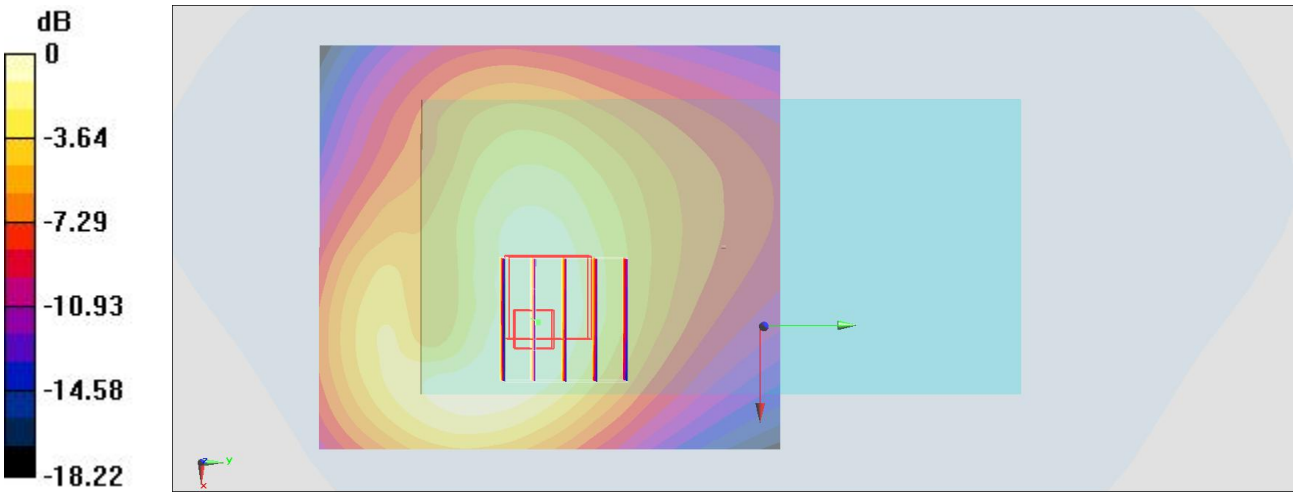
#20_CDMA BC0_RTAP 153.6Kbps_Back_10mm_Ch384

Communication System: CDMA; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_850_160524 Medium parameters used: f = 837 MHz; σ = 0.981 S/m; ε_r = 56.62; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.530 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.228 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.688 W/kg
SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.315 W/kg
Maximum value of SAR (measured) = 0.541 W/kg



0 dB = 0.530 W/kg = -2.76 dBW/kg

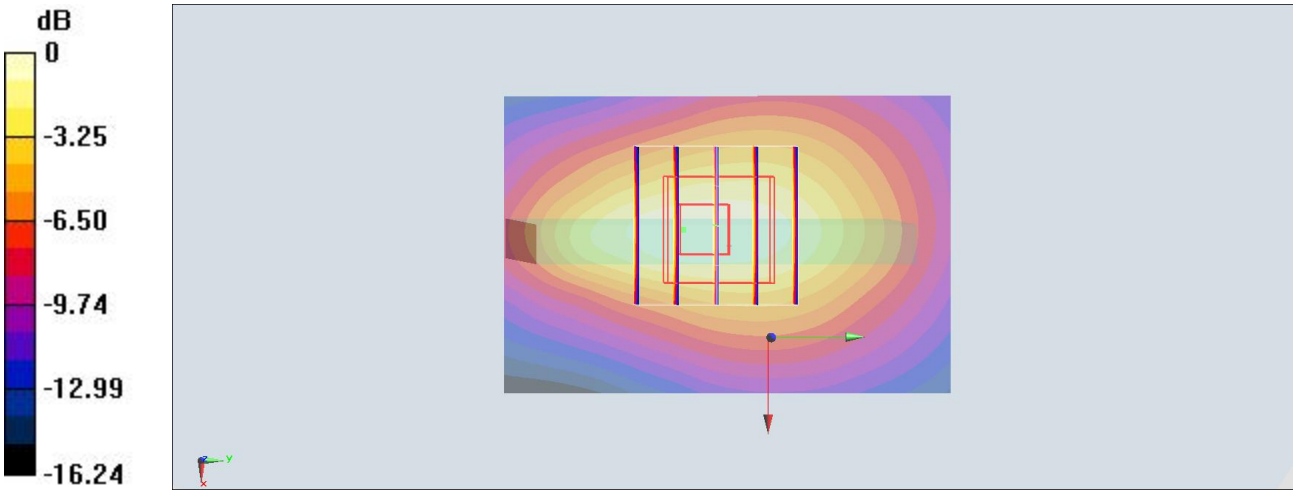
#21_CDMA BC1_RTAP 153.6Kbps_Bottom Side_10mm_Ch25

Communication System: CDMA; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160524 Medium parameters used: f = 1851.25 MHz; σ = 1.525 S/m; ε_r = 52.769; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (41x61x1): 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 = 20.102 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.860 W/kg; SAR(10 g) = 0.508 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



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

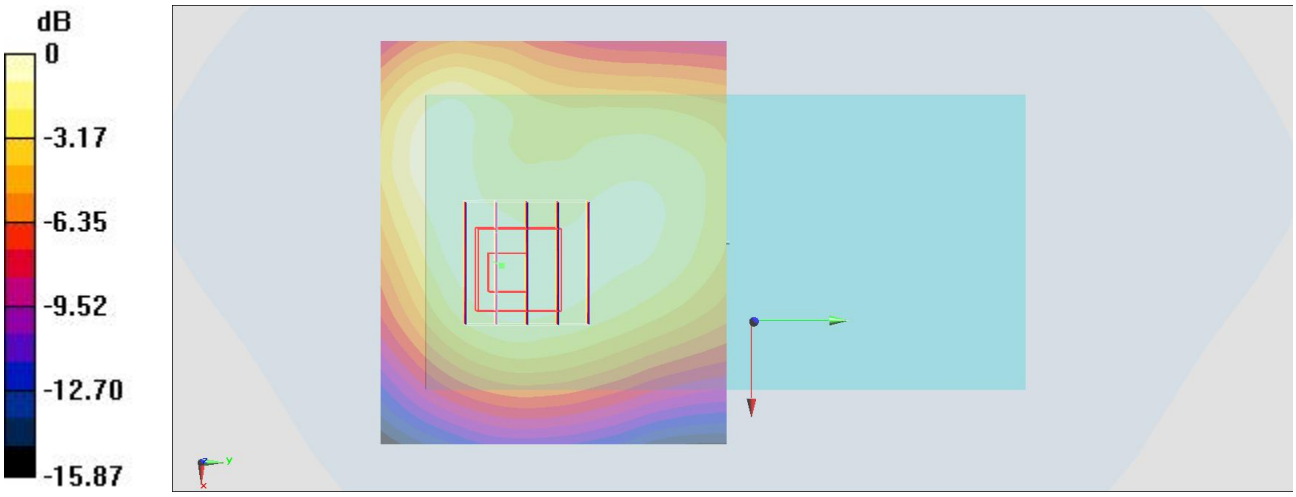
#22_LTE Band 2_20M_QPSK_1_99_Back_10mm_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160524 Medium parameters used: f = 1900 MHz; σ = 1.58 S/m; ε_r = 52.579; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.416 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.036 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.536 W/kg
SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.230 W/kg
Maximum value of SAR (measured) = 0.413 W/kg



0 dB = 0.416 W/kg = -3.81 dBW/kg

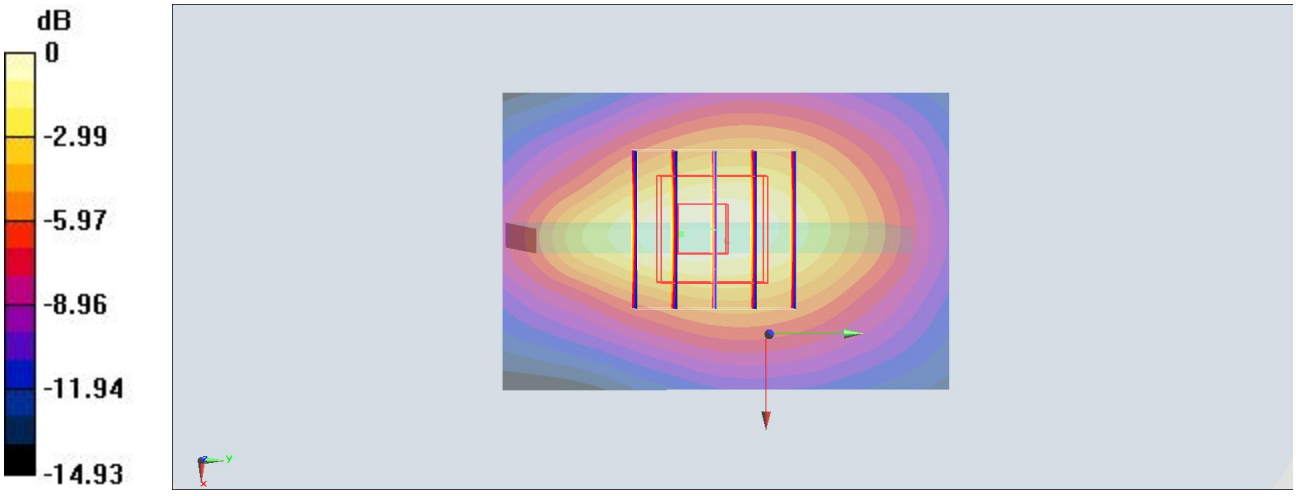
#23_LTE Band 4_20M_QPSK_1_49_Bottom Side_10mm_Ch20175

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_160524 Medium parameters used: f = 1732.5 MHz; σ = 1.462 S/m; ε_r = 55.27; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.95, 4.95, 4.95); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.991 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.232 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.768 W/kg; SAR(10 g) = 0.456 W/kg
Maximum value of SAR (measured) = 0.960 W/kg



0 dB = 0.991 W/kg = -0.04 dBW/kg

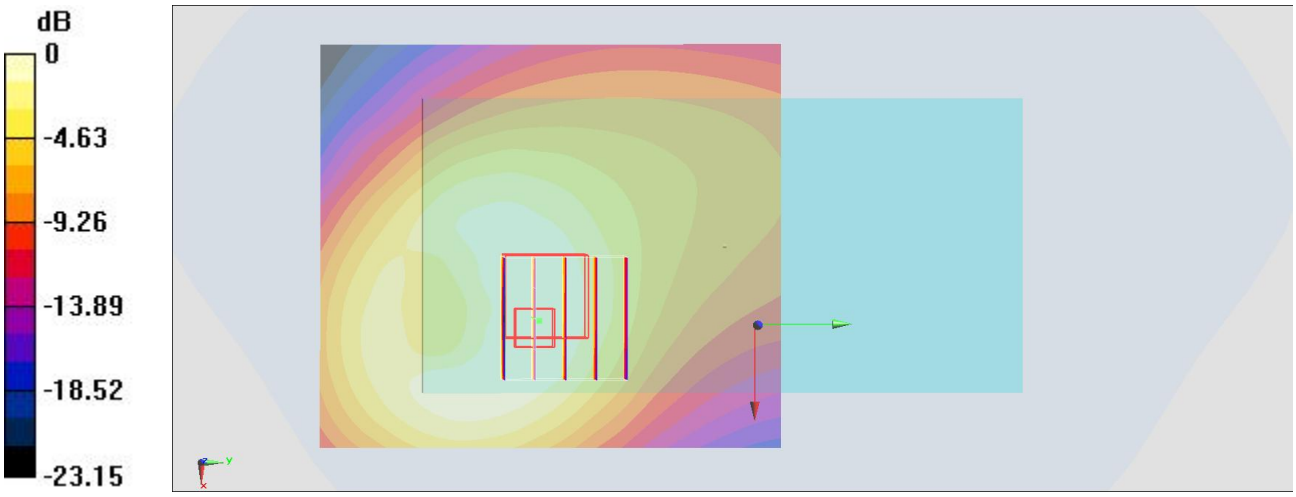
#24_LTE Band 5_10M_QPSK_25_12_Back_10mm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_160524 Medium parameters used: f = 836.5 MHz; σ = 0.981 S/m; ε_r = 56.624; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.487 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.933 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.637 W/kg
SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.279 W/kg
Maximum value of SAR (measured) = 0.497 W/kg



0 dB = 0.487 W/kg = -3.12 dBW/kg

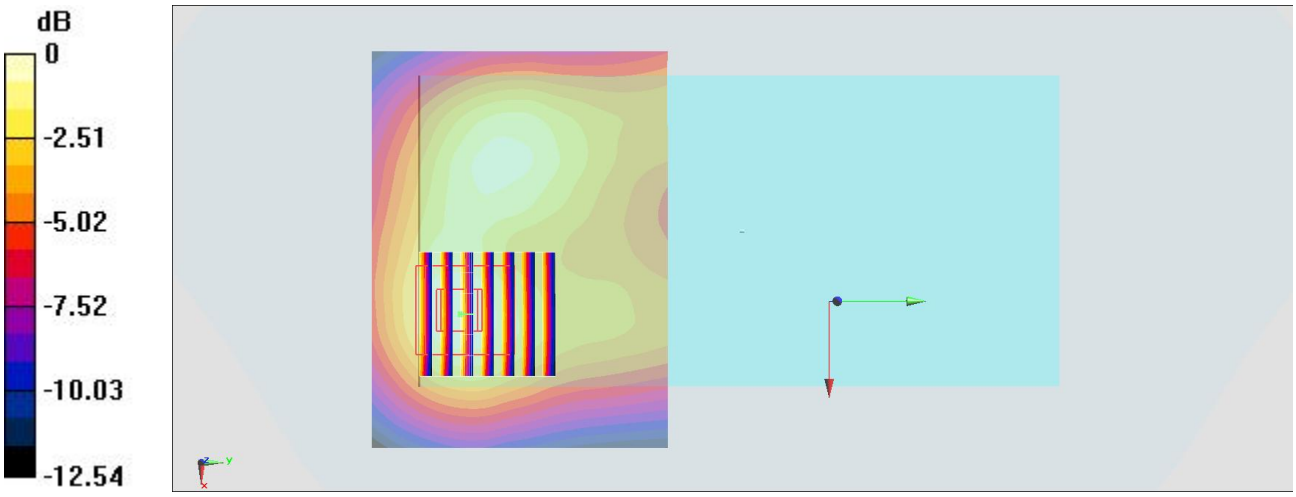
#25_LTE Band 7_20M_QPSK_1_99_Back_10mm_Ch21350

Communication System: LTE ; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_160525 Medium parameters used: f = 2560 MHz; σ = 2.125 S/m; ε_r = 53.1; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.27, 4.27, 4.27); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.493 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.905 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.755 W/kg
SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.216 W/kg
Maximum value of SAR (measured) = 0.510 W/kg



0 dB = 0.493 W/kg = -3.07 dBW/kg

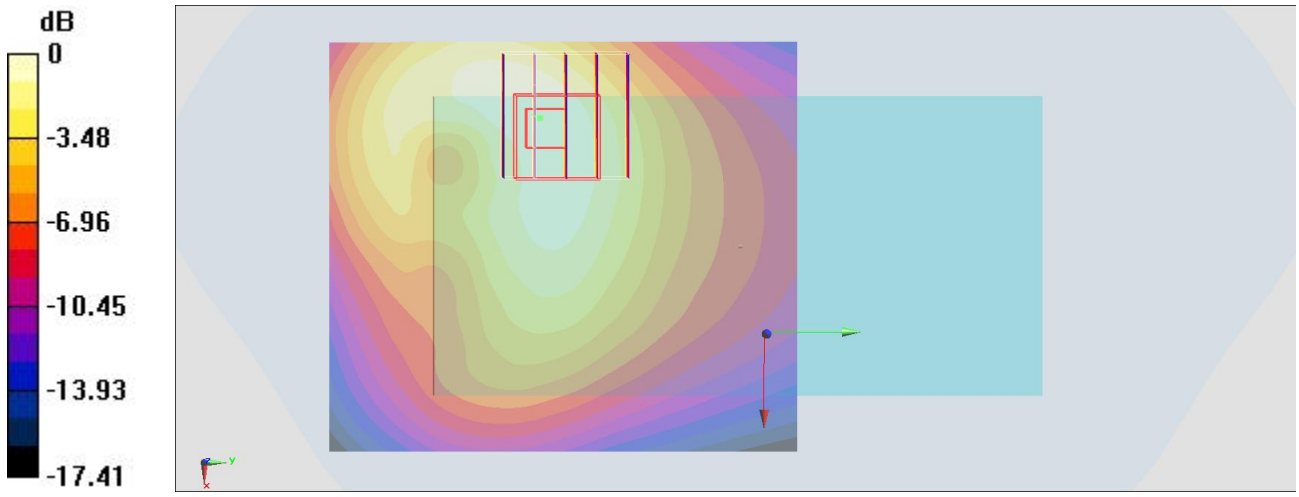
#26_LTE Band 13_10M_QPSK_50_0_Back_10mm_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_160524 Medium parameters used: f = 782 MHz; σ = 0.991 S/m; ε_r = 54.632; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.3, 6.3, 6.3); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.480 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.420 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.634 W/kg
SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.278 W/kg
Maximum value of SAR (measured) = 0.490 W/kg



0 dB = 0.480 W/kg = -3.19 dBW/kg

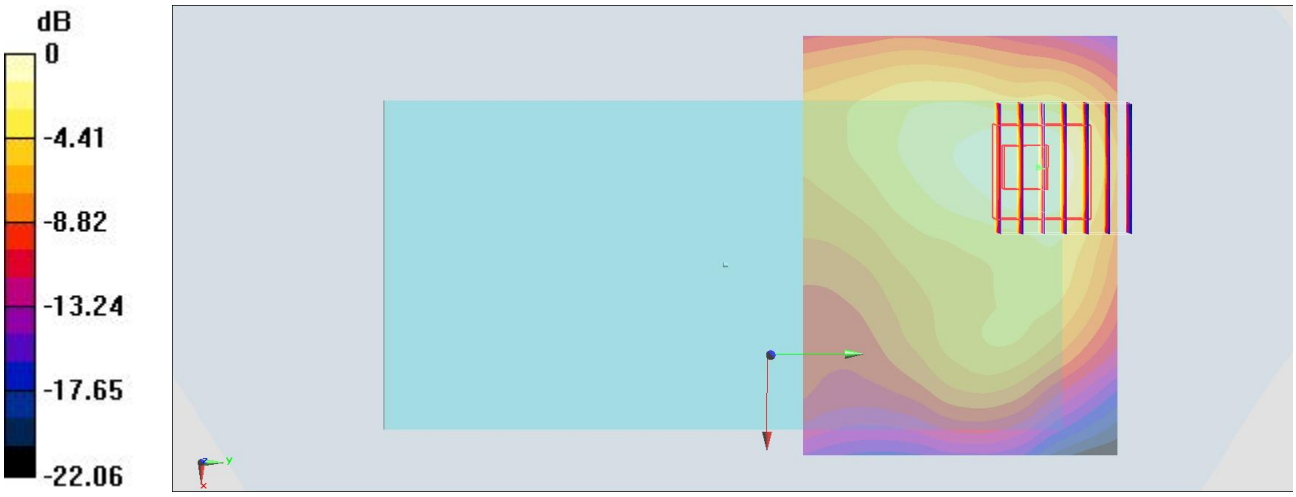
#27_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11;Ant 1

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.01
Medium: MSL_2450_160525 Medium parameters used: f = 2462 MHz; σ = 1.991 S/m; ε_r = 53.435; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.37, 4.37, 4.37); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.347 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.321 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.534 W/kg
SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.147 W/kg
Maximum value of SAR (measured) = 0.370 W/kg



0 dB = 0.347 W/kg = -4.60 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/5/26

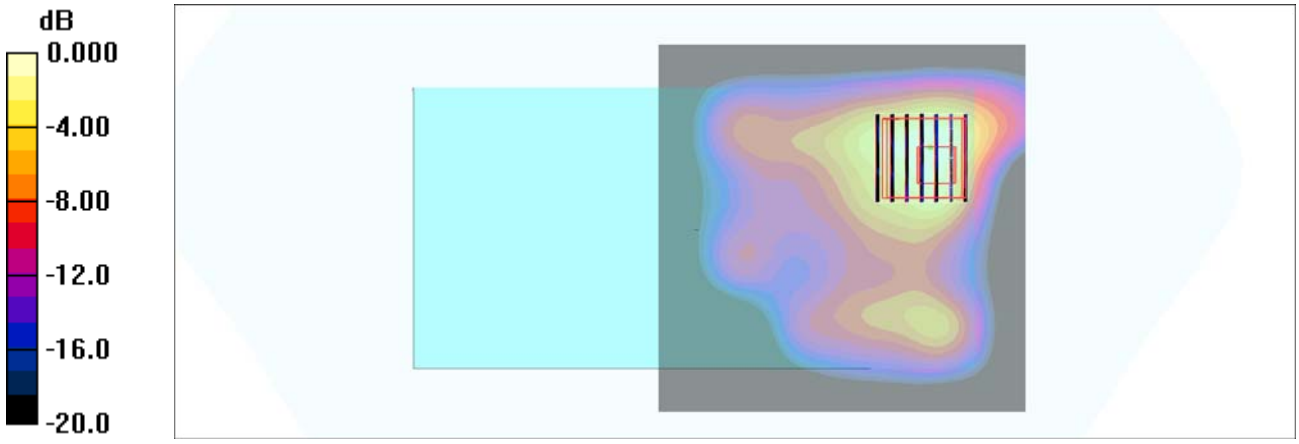
#28_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch48;Ant 1

Communication System: 802.11a; Frequency: 5240 MHz;Duty Cycle: 1:1.053
Medium: MSL_5G_160526 Medium parameters used: f = 5240 MHz; σ = 5.39 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(4.64, 4.64, 4.64); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.189 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.11 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.226 W/kg
SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.161 mW/g



0 dB = 0.161mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/5/26

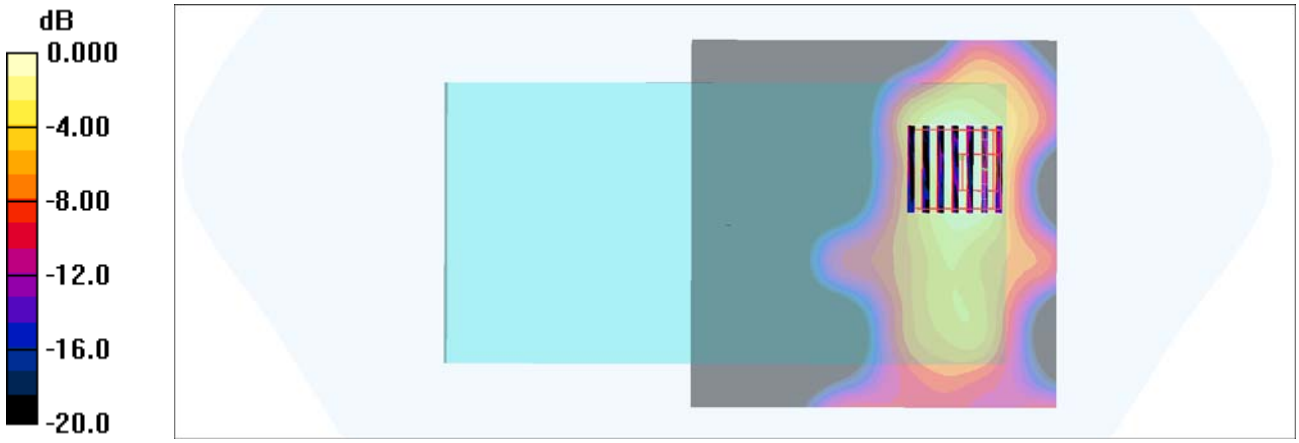
#29_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch149;Ant 1

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1.053
Medium: MSL_5G_160526 Medium parameters used: f = 5745 MHz; σ = 6.03 mho/m; ε_r = 46; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(4.08, 4.08, 4.08); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.128 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.80 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 0.219 W/kg
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.008 mW/g
Maximum value of SAR (measured) = 0.116 mW/g



0 dB = 0.116mW/g

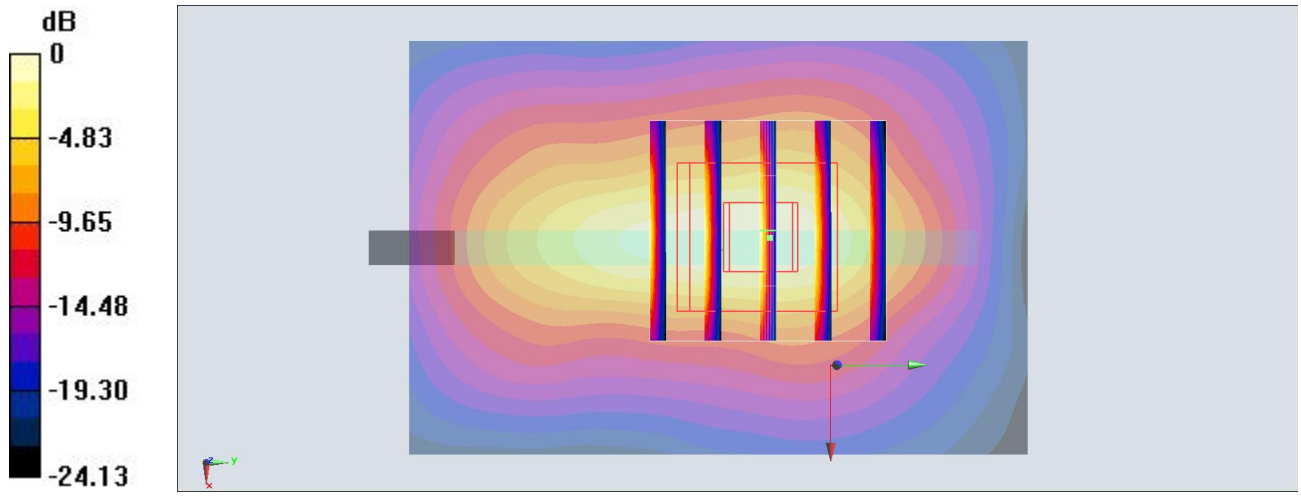
#30_WCDMA II_RMC 12.2Kbps_Bottom Side_0mm_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160524 Medium parameters used : f = 1852.4 MHz; σ = 1.527 S/m; ε_r = 52.768; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan 2 (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 6.89 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 71.518 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 11.6 W/kg
SAR(1 g) = 5.74 W/kg; SAR(10 g) = 2.67 W/kg
Maximum value of SAR (measured) = 7.59 W/kg



0 dB = 6.89 W/kg = 8.38 dBW/kg

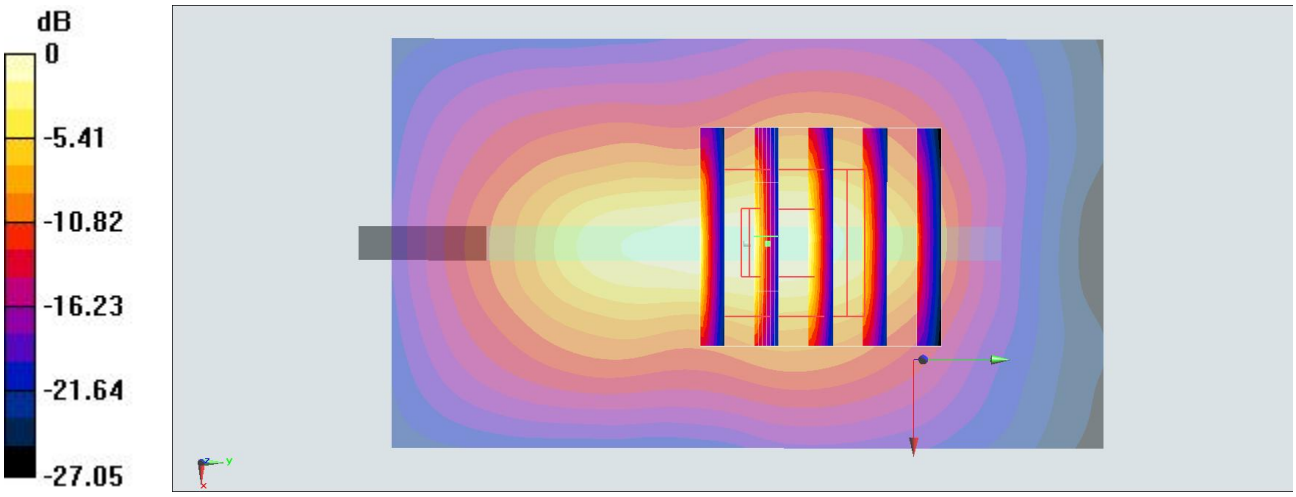
#31_CDMA BC1_RTAP 153.6Kbps_Bottom Side_0mm_Ch600

Communication System: CDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160524 Medium parameters used: f = 1880 MHz; σ = 1.557 S/m; ε_r = 52.672; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.00 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 72.113 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 11.9 W/kg
SAR(1 g) = 5.64 W/kg; SAR(10 g) = 2.65 W/kg
Maximum value of SAR (measured) = 7.22 W/kg



0 dB = 8.00 W/kg = 9.03 dBW/kg

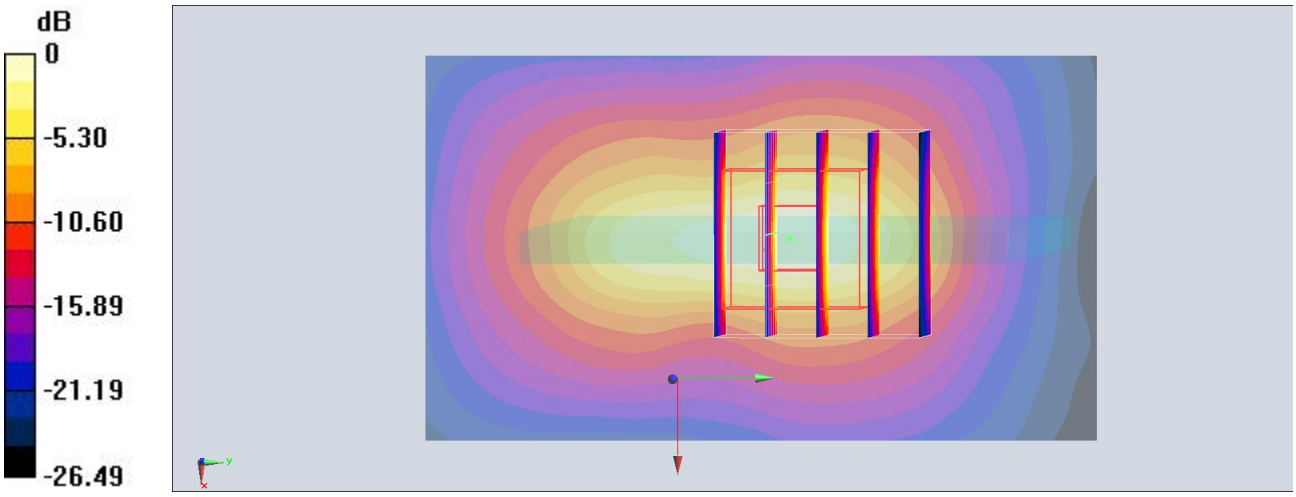
#32_LTE Band 2_20M_QPSK_1_99_Bottom Side_0mm_Ch18700

Communication System: LTE ; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160524 Medium parameters used: f = 1860 MHz; σ = 1.535 S/m; ε_r = 52.753; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.34 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 68.310 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 11.1 W/kg
SAR(1 g) = 5.27 W/kg; SAR(10 g) = 2.44 W/kg
Maximum value of SAR (measured) = 6.91 W/kg



0 dB = 7.34 W/kg = 8.66 dBW/kg

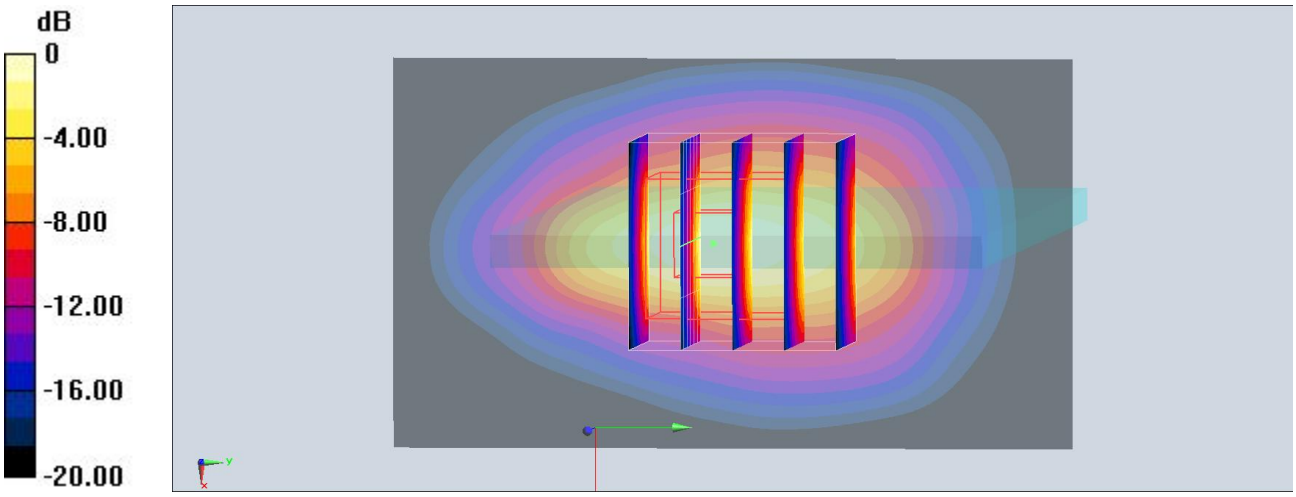
#33_LTE Band 4_20M_QPSK_1_49_Bottom Side_0mm_Ch20175

Communication System: LTE ; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_160524 Medium parameters used : f = 1732.5 MHz; σ = 1.462 S/m; ε_r = 55.27; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.95, 4.95, 4.95); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 8.90 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 77.781 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 14.0 W/kg
SAR(1 g) = 6.33 W/kg; SAR(10 g) = 2.95 W/kg
Maximum value of SAR (measured) = 9.30 W/kg



0 dB = 8.90 W/kg = 9.49 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/5/26

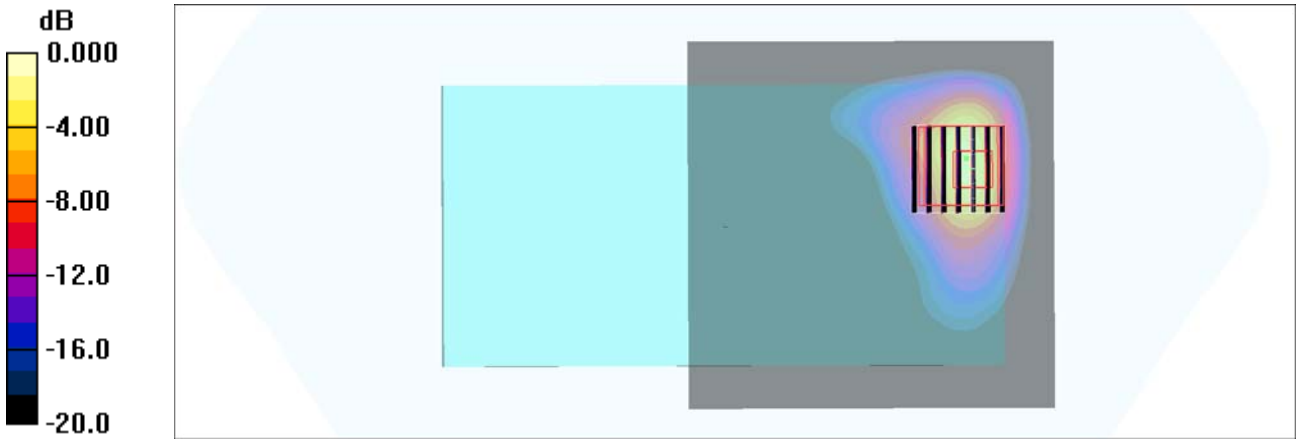
#34_WLAN5GHz_802.11a 6Mbps_Front_0mm_Ch52;Ant 1

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1.053
Medium: MSL_5G_160526 Medium parameters used: f = 5260 MHz; σ = 5.41 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(4.42, 4.42, 4.42); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 2.65 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.3 V/m; Power Drift = 0.117 dB
Peak SAR (extrapolated) = 9.01 W/kg
SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.334 mW/g
Maximum value of SAR (measured) = 4.47 mW/g



0 dB = 4.47mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/5/26

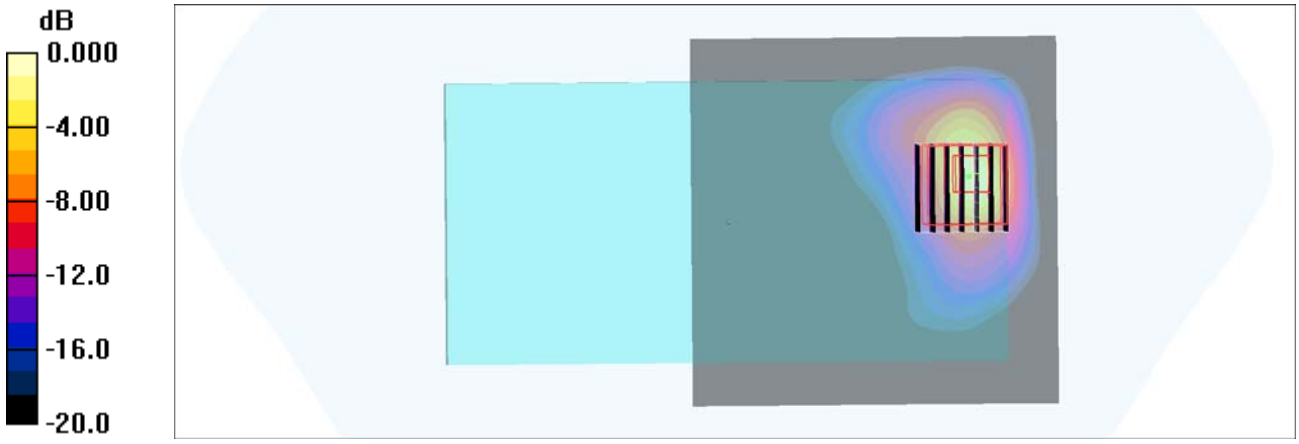
#35_WLAN5GHz_802.11a 6Mbps_Front_0mm_Ch100;Ant 1

Communication System: 802.11a; Frequency: 5500 MHz;Duty Cycle: 1:1.053
Medium: MSL_5G_160526 Medium parameters used: f = 5500 MHz; σ = 5.71 mho/m; ε_r = 46.3; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(3.95, 3.95, 3.95); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 6.95 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 20.8 V/m; Power Drift = -0.129 dB
Peak SAR (extrapolated) = 18.6 W/kg
SAR(1 g) = 2.69 mW/g; SAR(10 g) = 0.610 mW/g
Maximum value of SAR (measured) = 9.37 mW/g



0 dB = 9.37mW/g

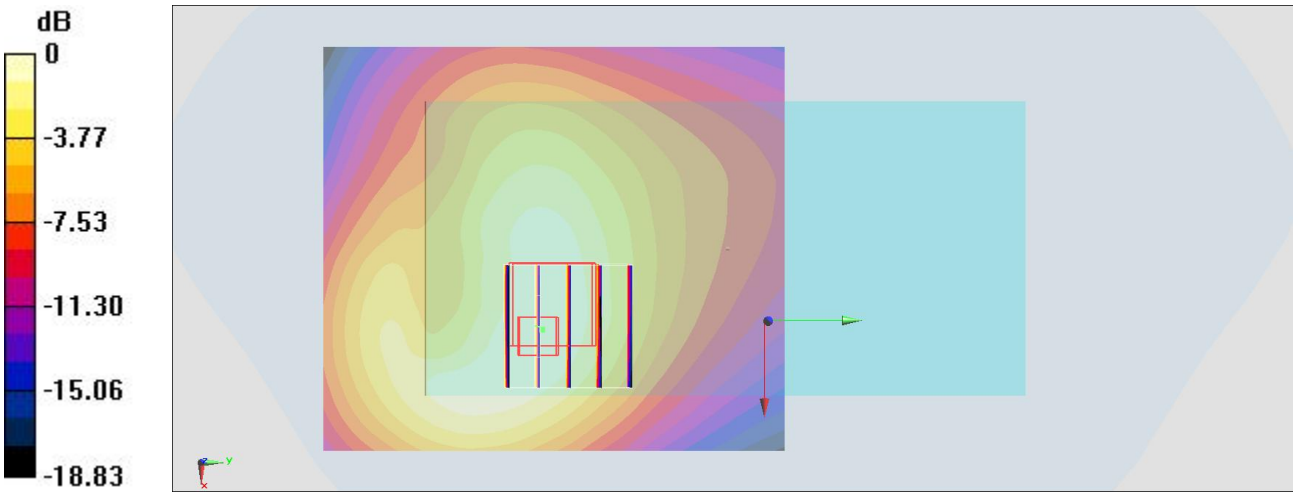
#36_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch189

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_160524 Medium parameters used: f = 836.4 MHz; σ = 0.98 S/m; ε_r = 56.625; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.300 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.817 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.381 W/kg
SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.172 W/kg
Maximum value of SAR (measured) = 0.296 W/kg



0 dB = 0.300 W/kg = -5.23 dBW/kg

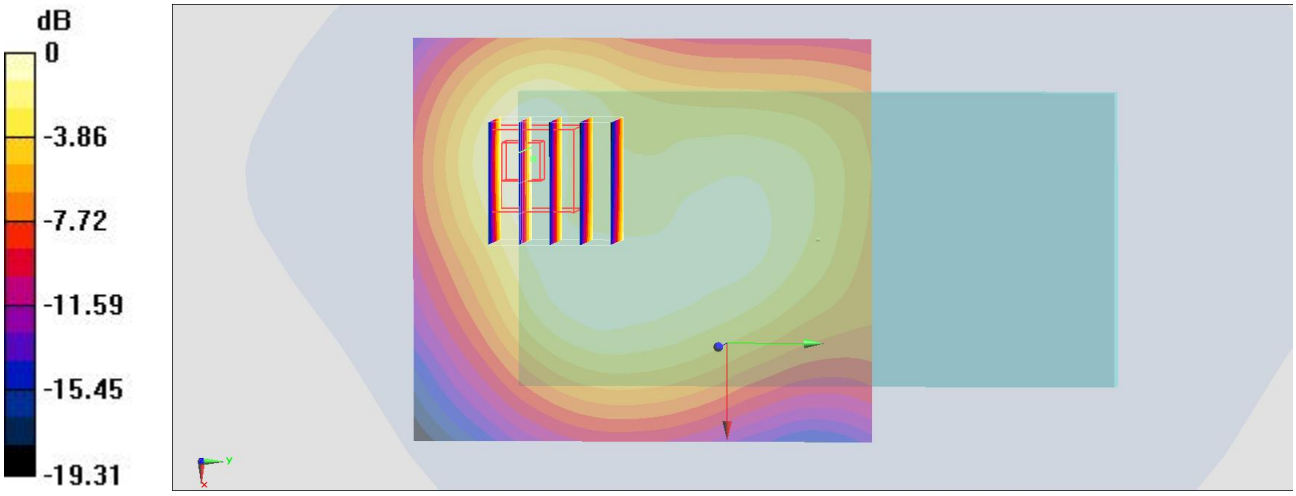
#37_GSM1900_GPRS (4 Tx slots)_Back_10mm_Ch810

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_160524 Medium parameters used: f = 1910 MHz; σ = 1.592 S/m; ε_r = 52.544; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.371 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.157 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.497 W/kg
SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.190 W/kg
Maximum value of SAR (measured) = 0.369 W/kg



0 dB = 0.371 W/kg = -4.31 dBW/kg

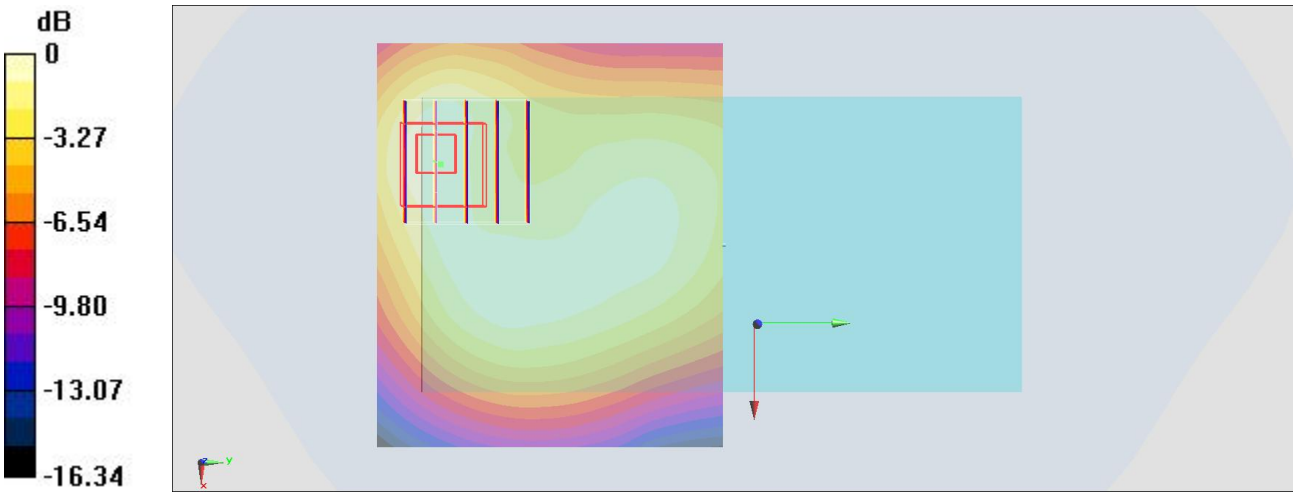
#38_WCDMA II_RMC 12.2Kbps_Back_10mm_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_160524 Medium parameters used: f = 1908 MHz; σ = 1.661 S/m; ε_r = 54.717; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.440 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.025 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.565 W/kg
SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.222 W/kg
Maximum value of SAR (measured) = 0.431 W/kg



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

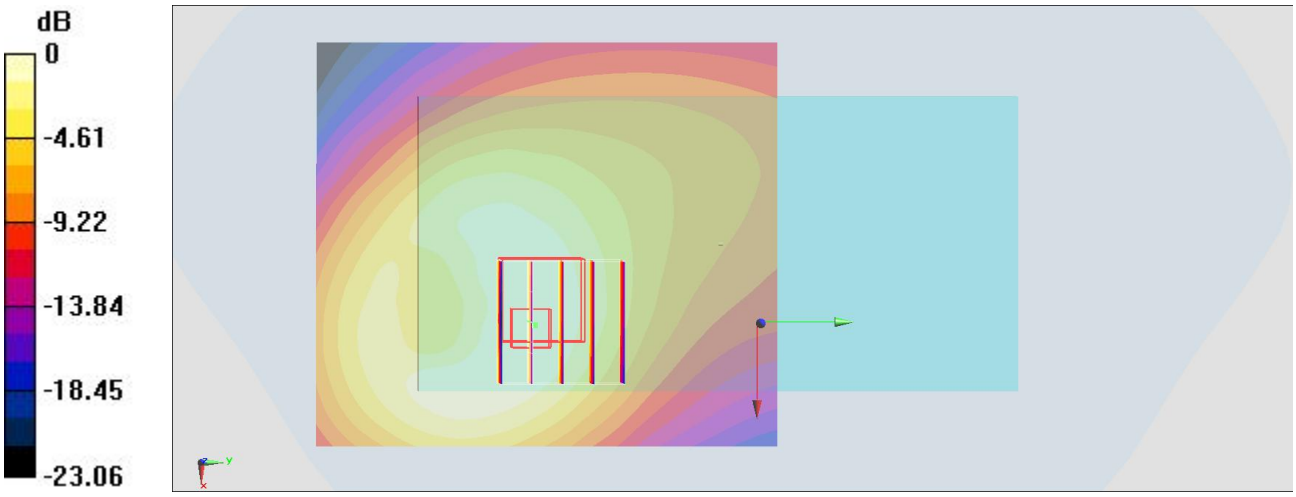
#39_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_160524 Medium parameters used: f = 836.4 MHz; σ = 0.98 S/m; ε_r = 56.625; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.411 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.206 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.541 W/kg
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.234 W/kg
Maximum value of SAR (measured) = 0.420 W/kg



0 dB = 0.411 W/kg = -3.86 dBW/kg

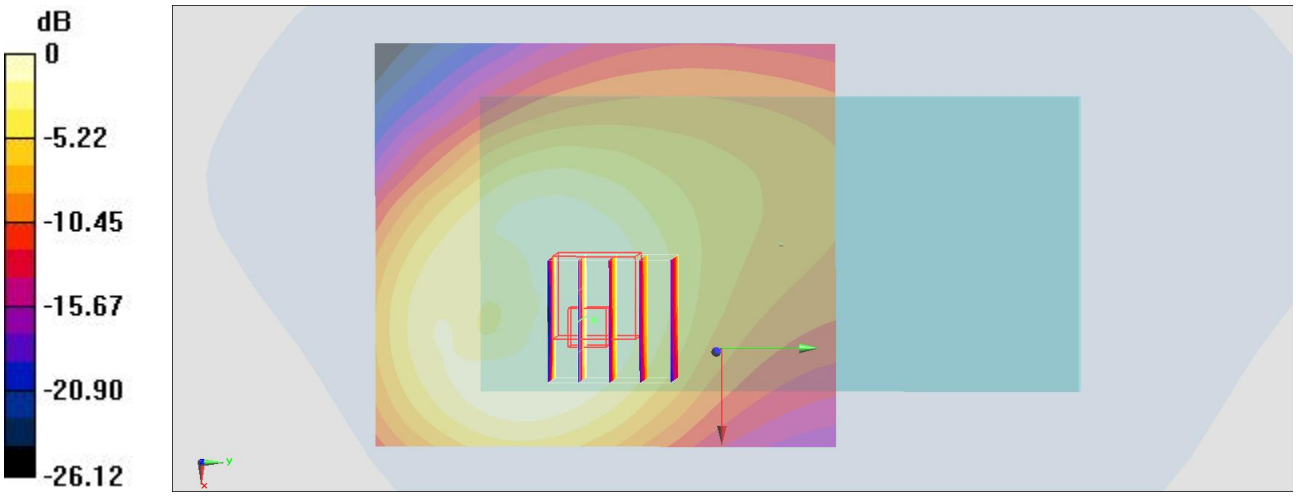
#40_CDMA BC0_1xRTT RC3 SO32_Back_10mm_Ch1013

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_850_160524 Medium parameters used: f = 825 MHz; σ = 0.97 S/m; ε_r = 56.74; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.499 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.351 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.649 W/kg
SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.277 W/kg
Maximum value of SAR (measured) = 0.500 W/kg



0 dB = 0.499 W/kg = -3.02 dBW/kg

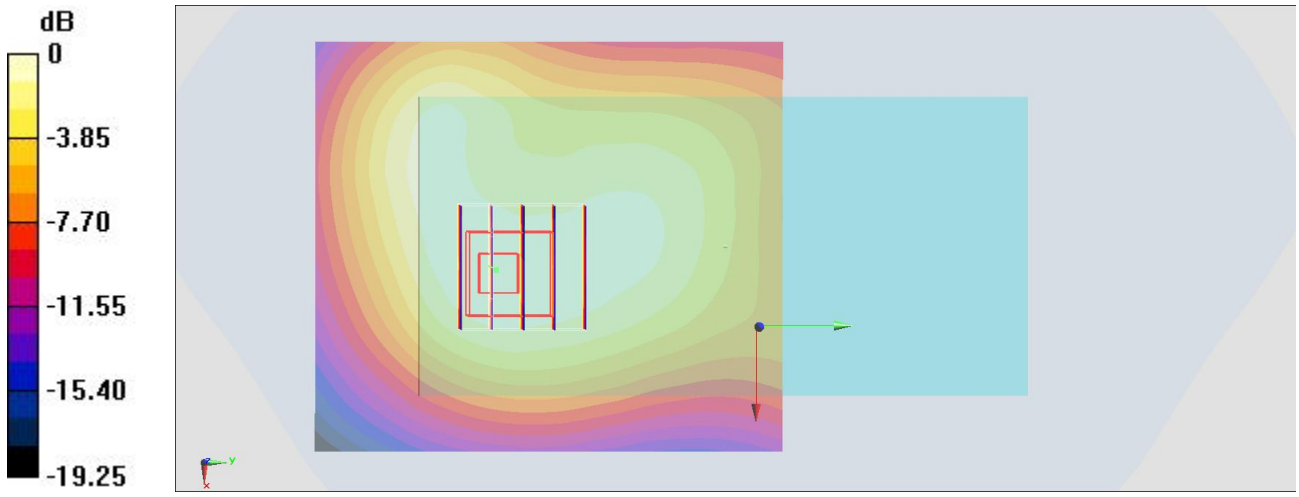
#41_CDMA BC1_1xRTT RC3 SO32_Back_10mm_Ch600

Communication System: CDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160524 Medium parameters used: f = 1880 MHz; σ = 1.557 S/m; ε_r = 52.672; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.466 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.964 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.566 W/kg
SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.253 W/kg
Maximum value of SAR (measured) = 0.445 W/kg



0 dB = 0.466 W/kg = -3.32 dBW/kg

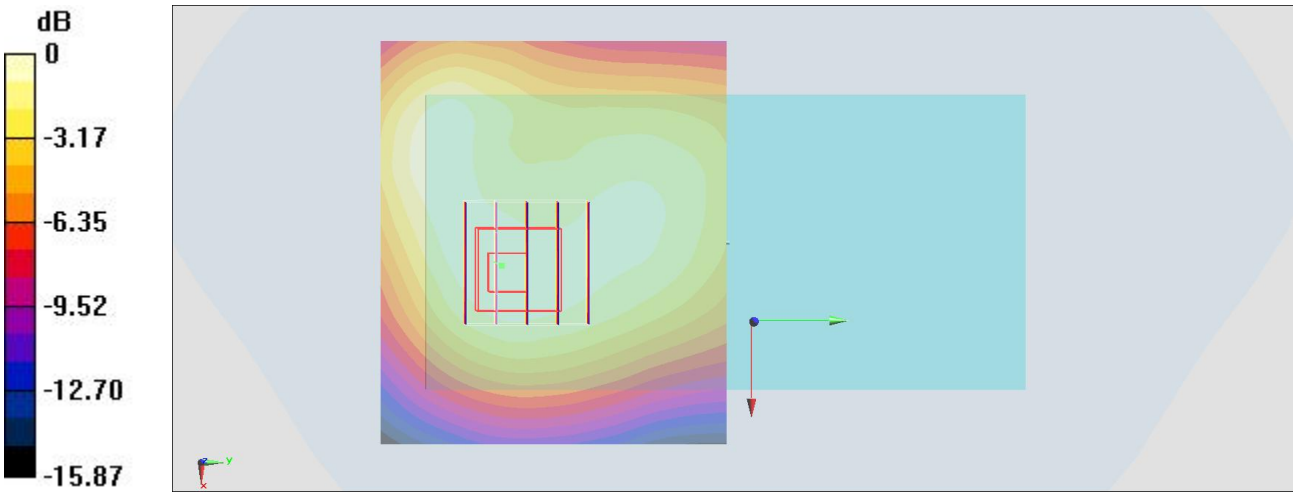
#42_LTE Band 2_20M_QPSK_1_99_Back_10mm_Ch19100

Communication System: LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160524 Medium parameters used: f = 1900 MHz; σ = 1.58 S/m; ε_r = 52.579; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.416 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.036 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.536 W/kg
SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.230 W/kg
Maximum value of SAR (measured) = 0.413 W/kg



0 dB = 0.416 W/kg = -3.81 dBW/kg

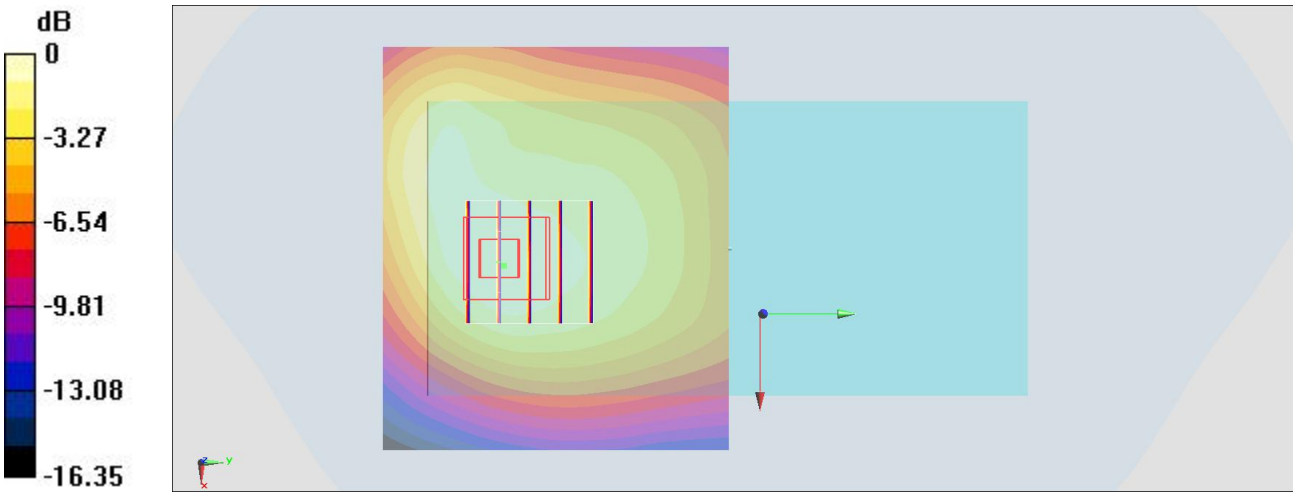
#43_LTE Band 4_20M_QPSK_1_49_Back_10mm_Ch20175

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_160524 Medium parameters used: f = 1732.5 MHz; σ = 1.462 S/m; ε_r = 55.27; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.95, 4.95, 4.95); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.400 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.451 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.495 W/kg
SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.231 W/kg
Maximum value of SAR (measured) = 0.397 W/kg



0 dB = 0.400 W/kg = -3.98 dBW/kg

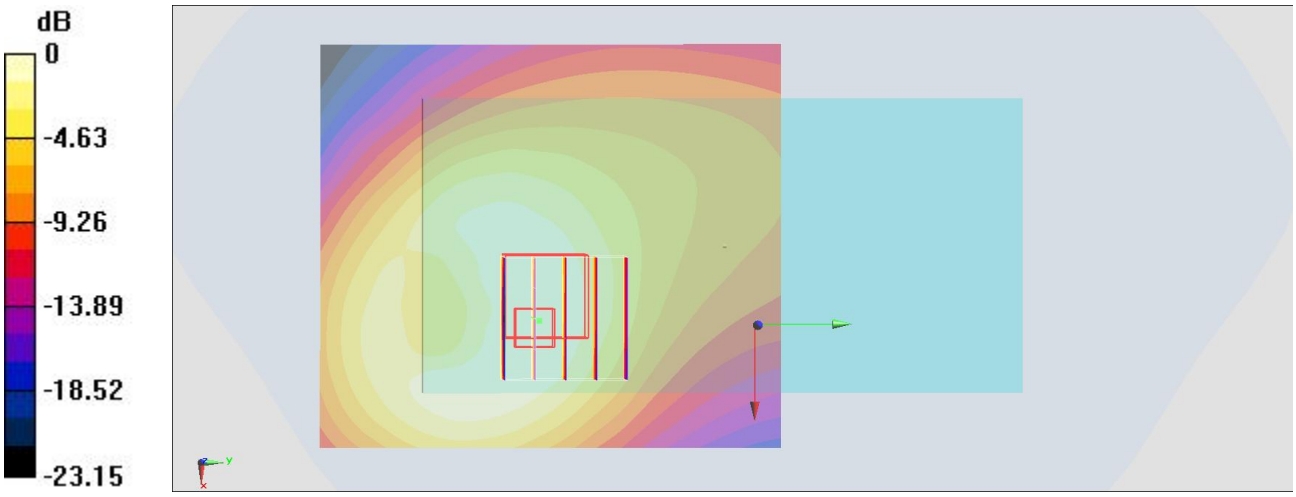
#44_LTE Band 5_10M_QPSK_25_12_Back_10mm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_160524 Medium parameters used: f = 836.5 MHz; σ = 0.981 S/m; ε_r = 56.624; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.487 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.933 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.637 W/kg
SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.279 W/kg
Maximum value of SAR (measured) = 0.497 W/kg



0 dB = 0.487 W/kg = -3.12 dBW/kg

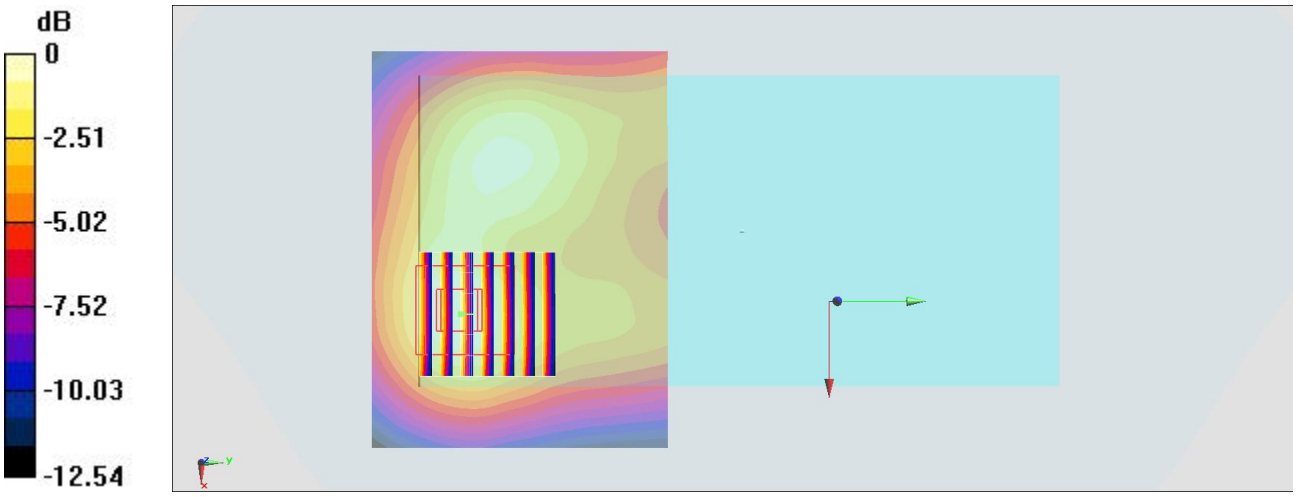
#45_LTE Band 7_20M_QPSK_1_99_Back_10mm_Ch21350

Communication System: LTE ; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_160525 Medium parameters used: f = 2560 MHz; σ = 2.125 S/m; ε_r = 53.1; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.27, 4.27, 4.27); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.493 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.905 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.755 W/kg
SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.216 W/kg
Maximum value of SAR (measured) = 0.510 W/kg



0 dB = 0.493 W/kg = -3.07 dBW/kg

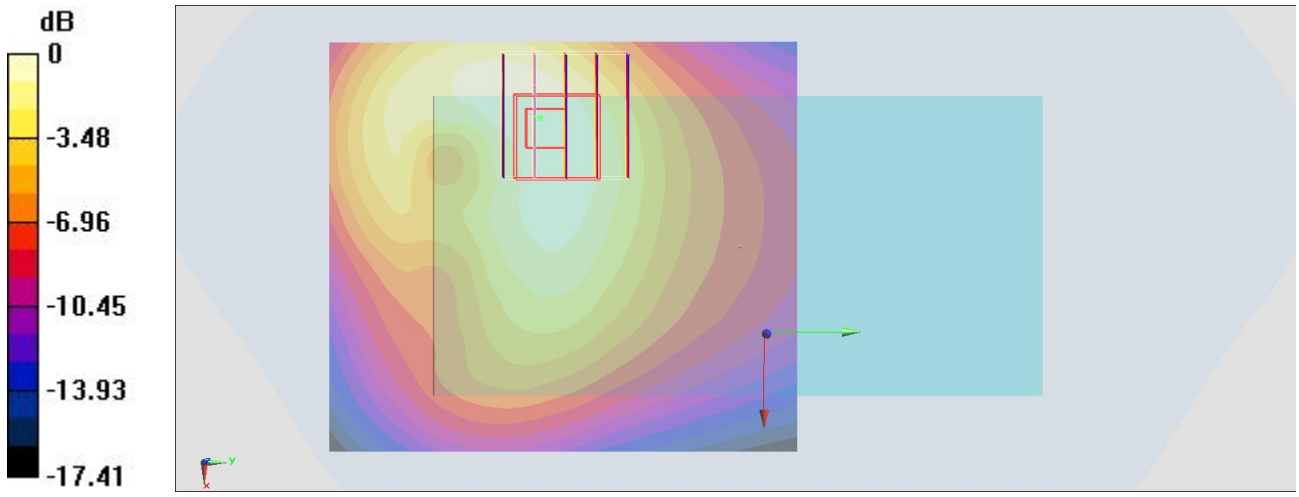
#46_LTE Band 13_10M_QPSK_50_0_Back_10mm_Ch23230

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_160524 Medium parameters used: f = 782 MHz; σ = 0.991 S/m; ε_r = 54.632; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(6.3, 6.3, 6.3); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.480 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.420 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.634 W/kg
SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.278 W/kg
Maximum value of SAR (measured) = 0.490 W/kg



0 dB = 0.480 W/kg = -3.19 dBW/kg

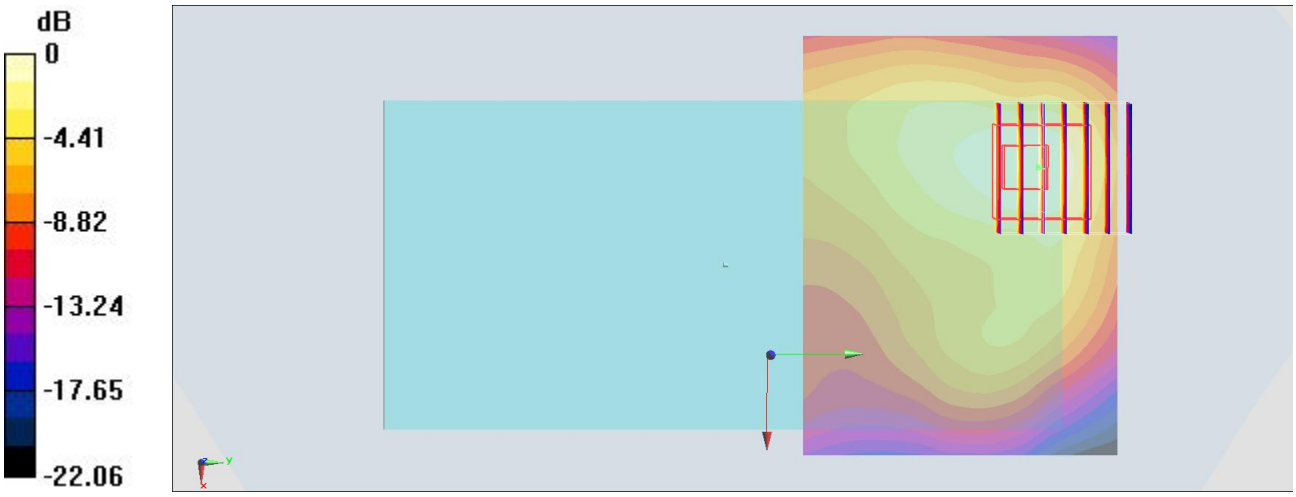
#47_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11;Ant 1

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.01
Medium: MSL_2450_160525 Medium parameters used: f = 2462 MHz; σ = 1.991 S/m; ε_r = 53.435; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.37, 4.37, 4.37); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.347 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.321 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.534 W/kg
SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.147 W/kg
Maximum value of SAR (measured) = 0.370 W/kg



0 dB = 0.347 W/kg = -4.60 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/5/26

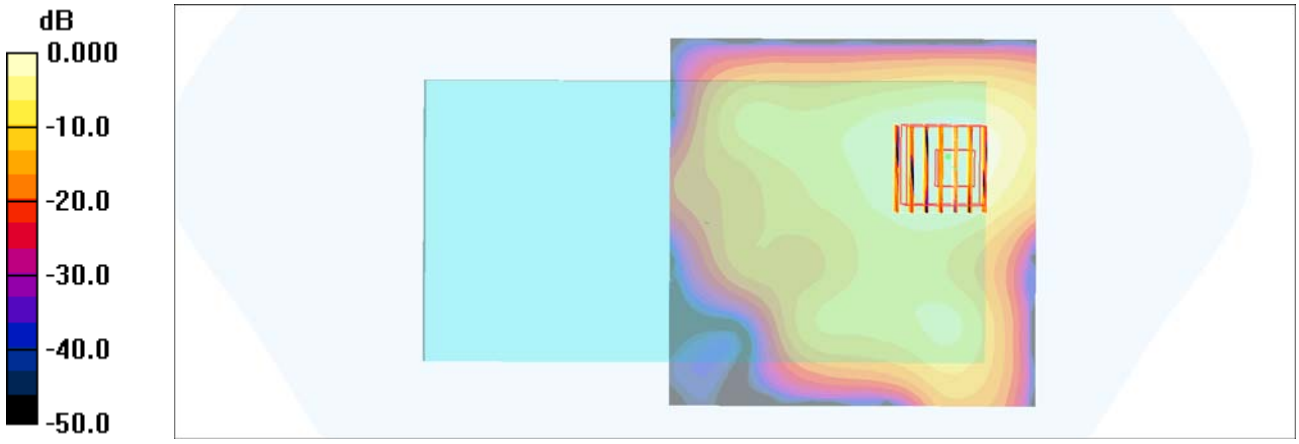
#48_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch52;Ant 1

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1.053
Medium: MSL_5G_160526 Medium parameters used: f = 5260 MHz; σ = 5.41 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(4.42, 4.42, 4.42); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.178 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.89 V/m; Power Drift = -0.135 dB
Peak SAR (extrapolated) = 0.247 W/kg
SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.170 mW/g



0 dB = 0.170mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/5/26

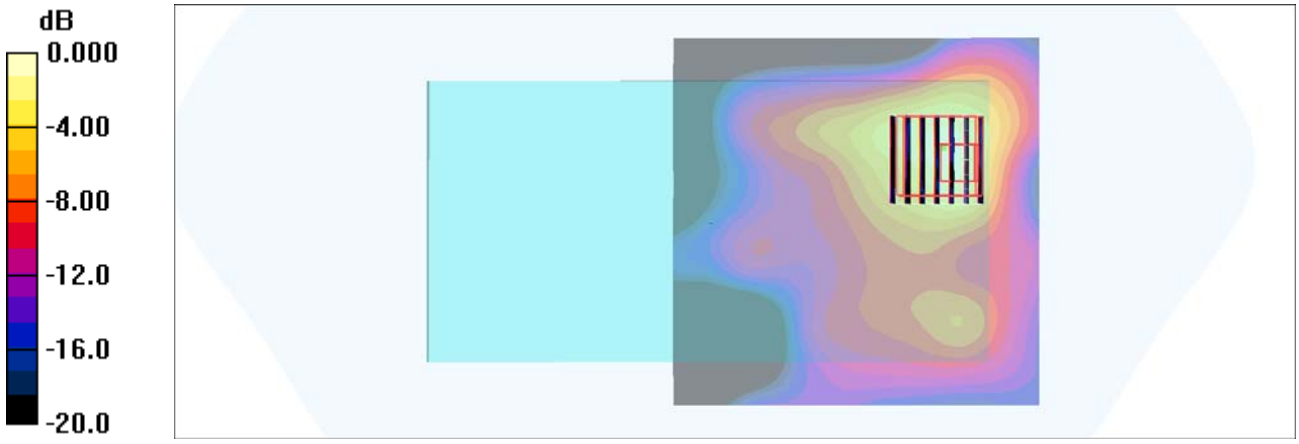
#49_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch100;Ant 1

Communication System: 802.11a; Frequency: 5500 MHz;Duty Cycle: 1:1.053
Medium: MSL_5G_160526 Medium parameters used: f = 5500 MHz; σ = 5.71 mho/m; ε_r = 46.3; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(3.95, 3.95, 3.95); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.309 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.68 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 0.626 W/kg
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.340 mW/g



0 dB = 0.340mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2016/5/26

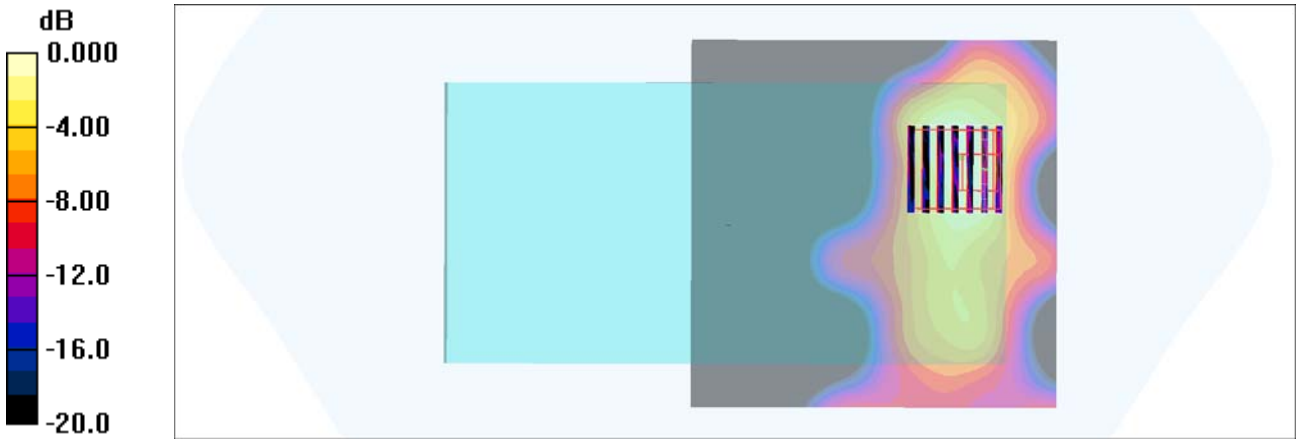
#50_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch149;Ant 1

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1.053
Medium: MSL_5G_160526 Medium parameters used: f = 5745 MHz; σ = 6.03 mho/m; ε_r = 46; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN7346; ConvF(4.08, 4.08, 4.08); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM_Right; Type: SAM_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (interpolated) = 0.128 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.80 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 0.219 W/kg
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.008 mW/g
Maximum value of SAR (measured) = 0.116 mW/g



0 dB = 0.116mW/g