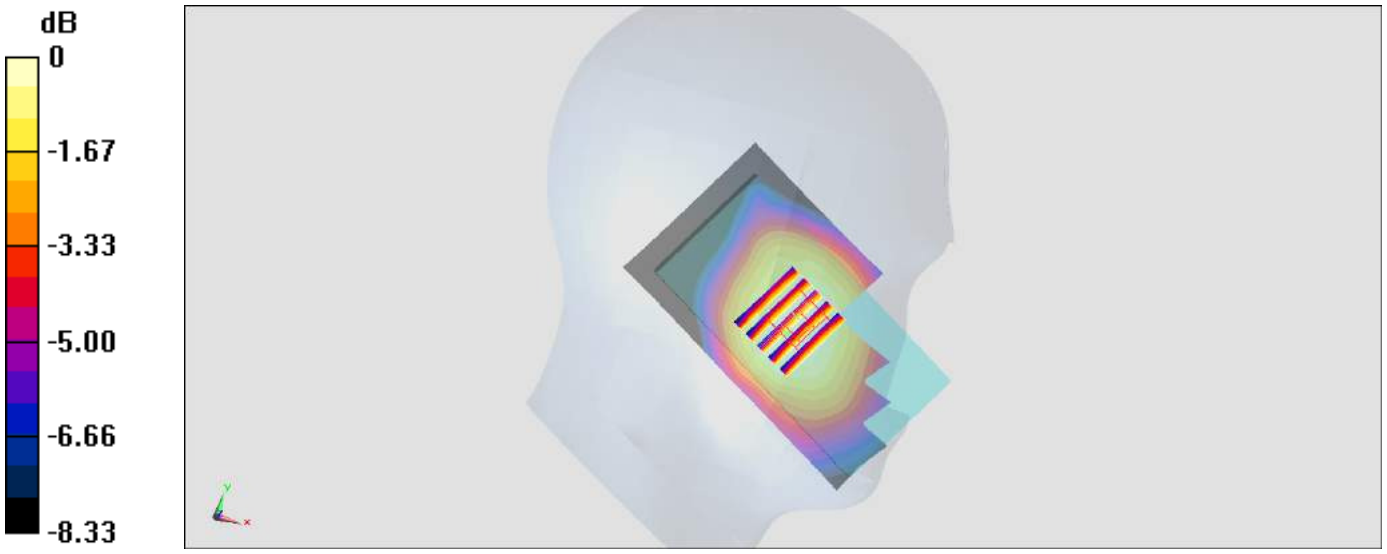
#01_GSM850_GPRS (4 Tx slots)_Left Tilted_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_160303 Medium parameters used : f = 824.2 MHz; σ = 0.889 S/m; ε_r = 42.054; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch128/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.229 W/kg

Configuration/Ch128/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.68 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.253 W/kg
SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 0.223 W/kg



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

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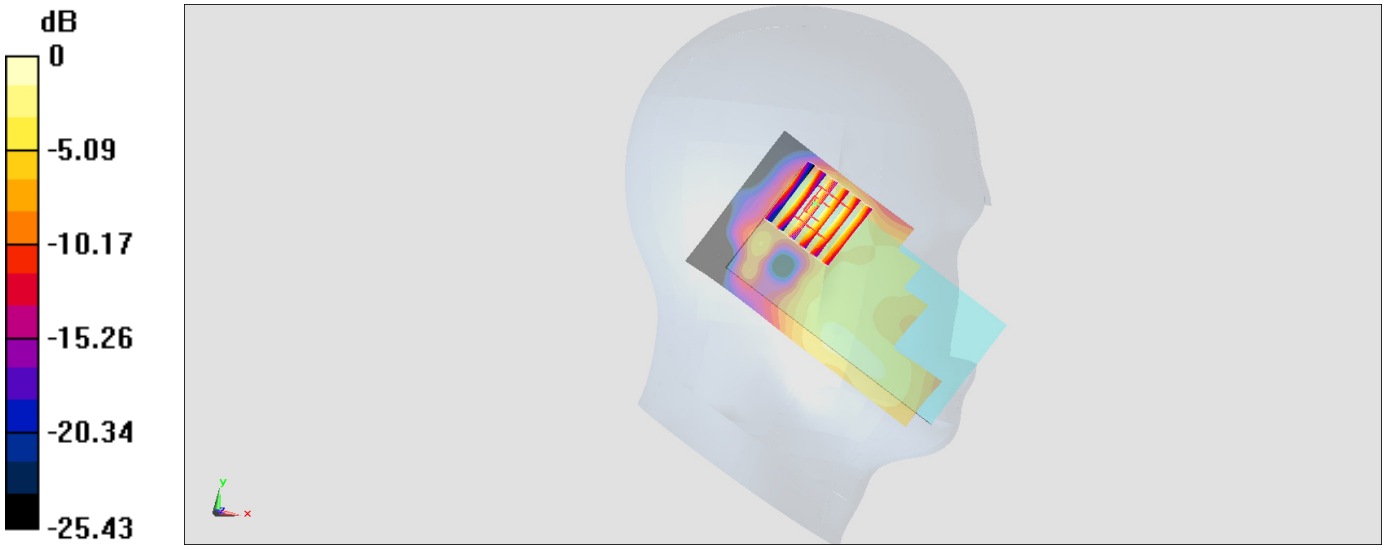
#02_GSM1900_EDGE(4 Tx slots)_Left Cheek_Ch512

Communication System: PCS ; Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_160402 Medium parameters used : f = 1850.2 MHz; σ = 1.366 S/m; ε_r = 38.723; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(8.32, 8.32, 8.32); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch512/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.177 W/kg

Configuration/Ch512/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.231 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.167 W/kg
SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.056 W/kg
Maximum value of SAR (measured) = 0.137 W/kg



0 dB = 0.137 W/kg = -8.63 dBW/kg

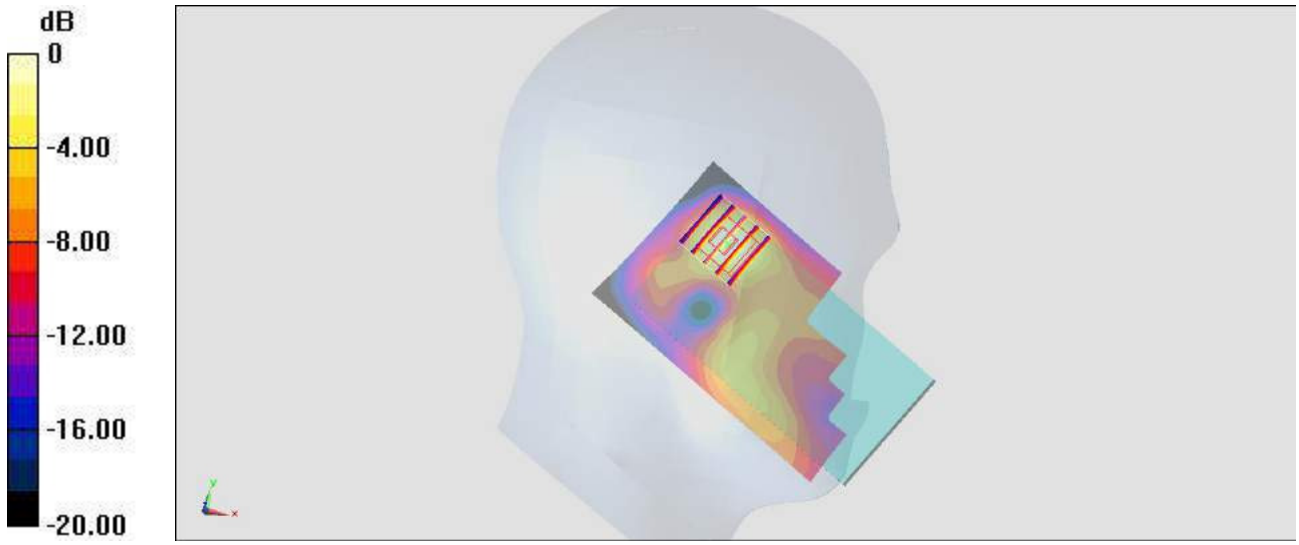
#03_WCDMA II_RMC 12.2Kbps_Left Cheek_Ch9538

Communication System: WCDMA ; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_160301 Medium parameters used: f = 1908 MHz; σ = 1.438 S/m; ε_r = 41.07; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(8.31, 8.31, 8.31); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9538/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.370 W/kg

Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.97 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.418 W/kg
SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 0.327 W/kg



0 dB = 0.370 W/kg = -4.32 dBW/kg

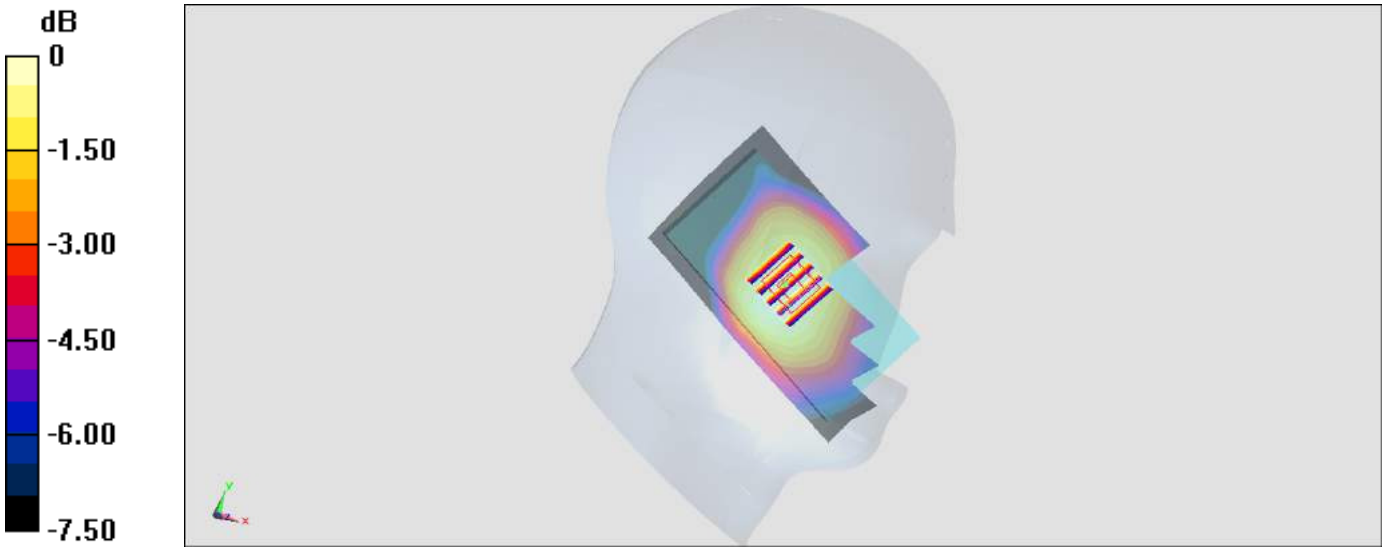
#04_WCDMA V_RMC 12.2Kbps_Left Cheek_Ch4233

Communication System: WCDMA ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_850_160303 Medium parameters used: f = 847 MHz; σ = 0.911 S/m; ε_r = 41.759; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4233/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.412 W/kg

Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.49 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.465 W/kg
SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.272 W/kg
Maximum value of SAR (measured) = 0.406 W/kg



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

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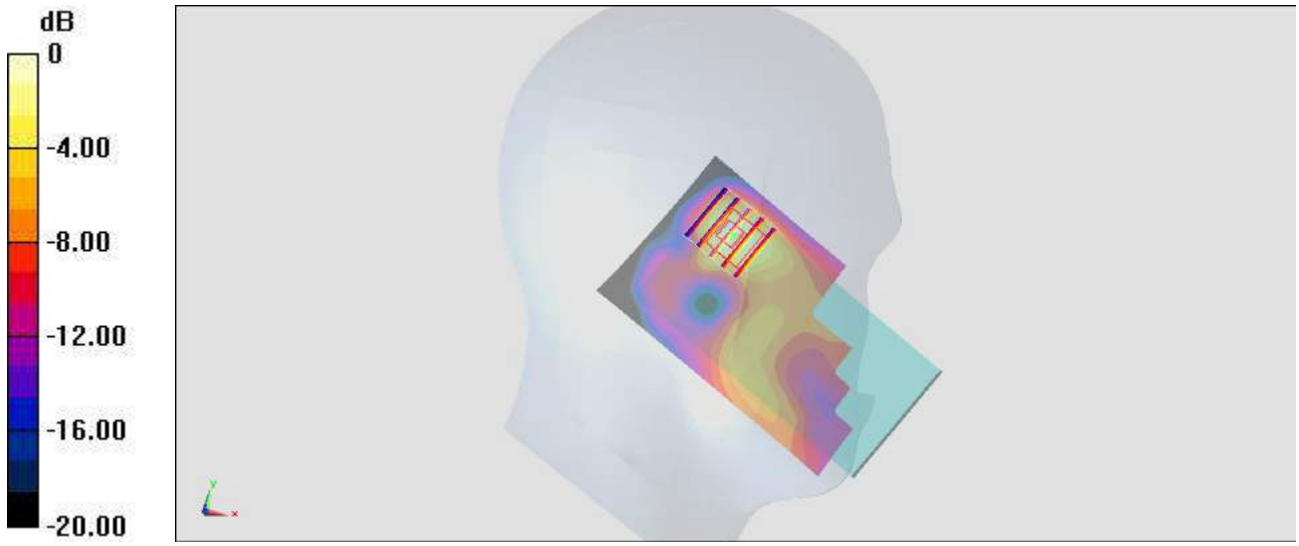
#05_LTE Band 2_20M_QPSK_1_0_Left Cheek_Ch18700

Communication System: LTE ; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_160301 Medium parameters used: f = 1860 MHz; σ = 1.39 S/m; ε_r = 41.262; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(8.31, 8.31, 8.31); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch18700/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.402 W/kg

Configuration/Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.43 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.453 W/kg
SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.136 W/kg
Maximum value of SAR (measured) = 0.350 W/kg



0 dB = 0.402 W/kg = -3.96 dBW/kg

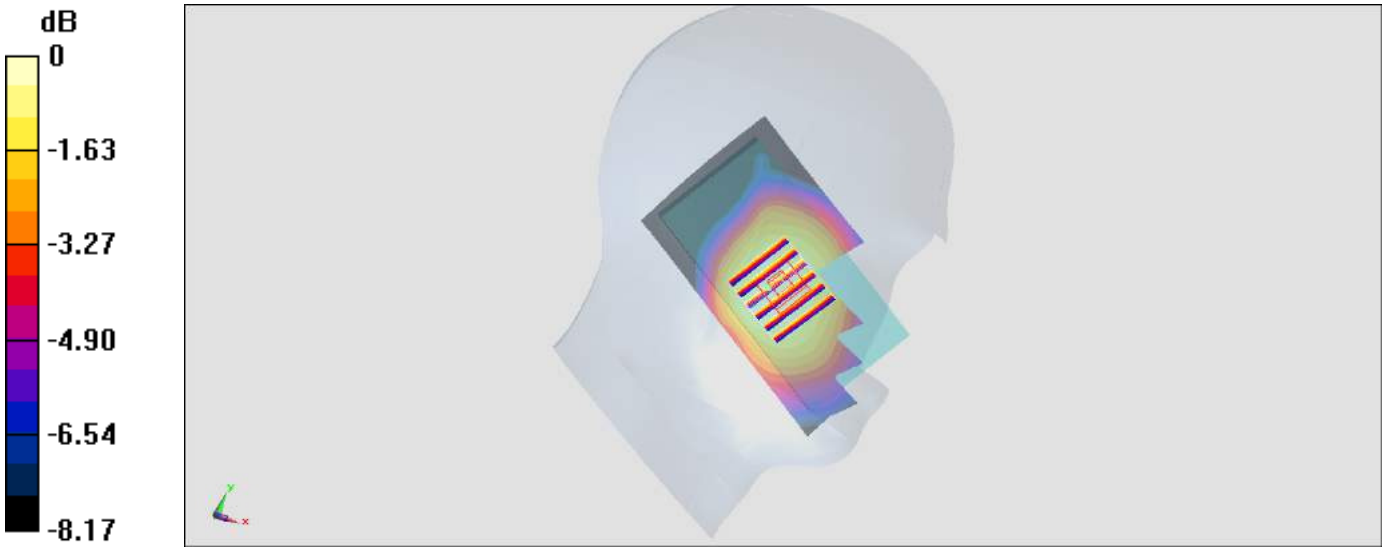
#06_LTE Band 5_10M_QPSK_1_0_Left Cheek_Ch20450

Communication System: LTE ; Frequency: 829 MHz;Duty Cycle: 1:1
Medium: HSL_850_160303 Medium parameters used: f = 829 MHz; σ = 0.894 S/m; ε_r = 41.992; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20450/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.286 W/kg

Configuration/Ch20450/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.05 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.334 W/kg
SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.192 W/kg
Maximum value of SAR (measured) = 0.294 W/kg



0 dB = 0.294 W/kg = -5.32 dBW/kg

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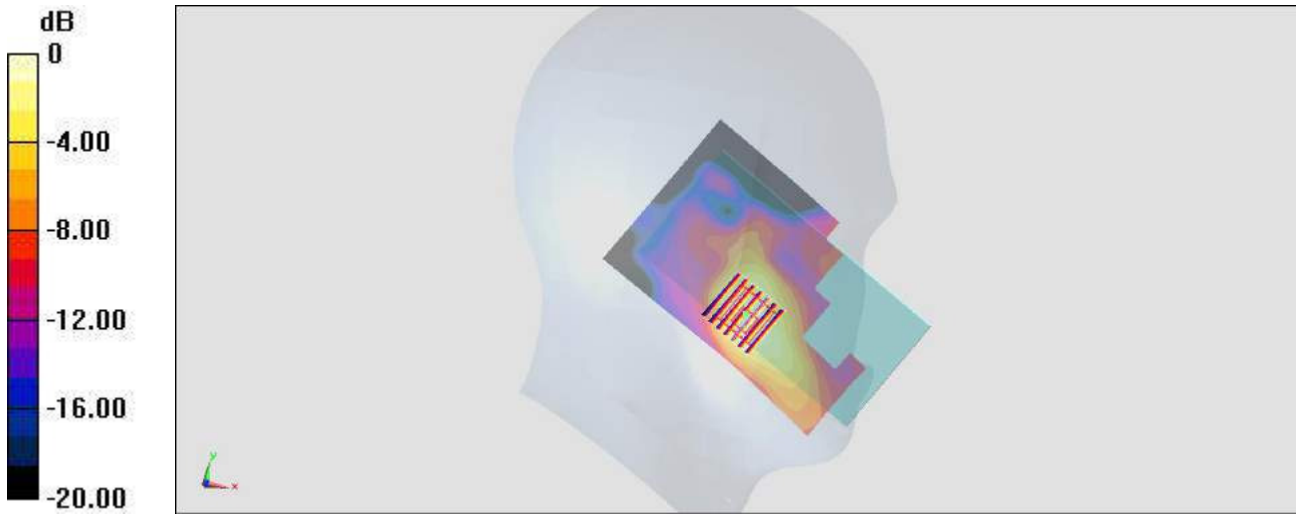
#07_LTE Band 7_20M_QPSK_1_0_Left Cheek_Ch20850

Communication System: LTE ; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: HSL_2600_160316 Medium parameters used: f = 2510 MHz; σ = 1.898 S/m; ε_r = 38.484; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.29, 7.29, 7.29); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20850/Area Scan (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.309 W/kg

Configuration/Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.38 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.106 W/kg
Maximum value of SAR (measured) = 0.292 W/kg



0 dB = 0.309 W/kg = -5.10 dBW/kg

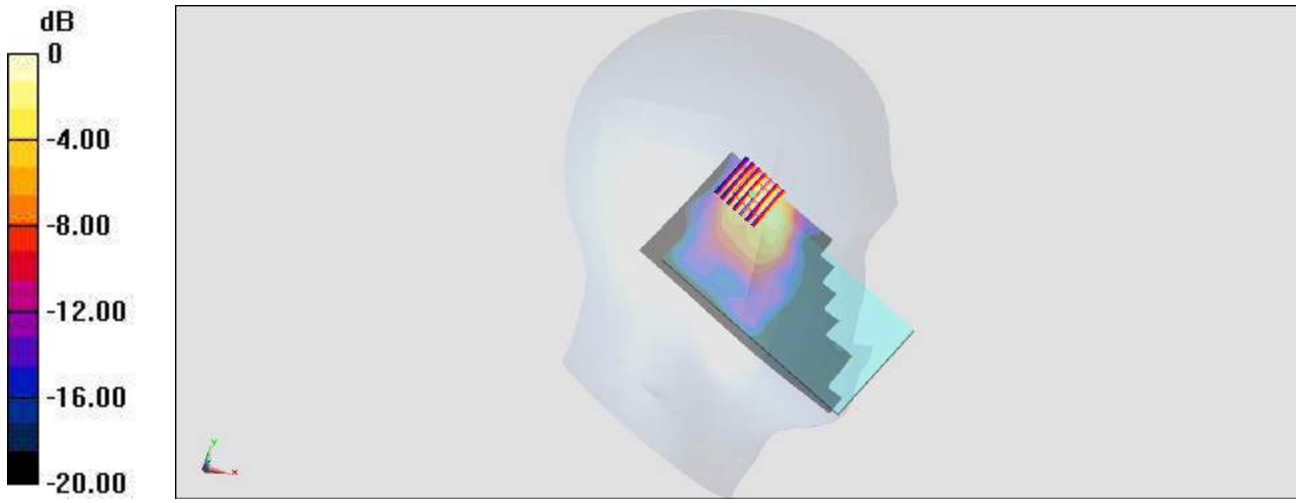
#08_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450_160227 Medium parameters used: f = 2437 MHz; σ = 1.84 S/m; ε_r = 40.969; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.51, 7.51, 7.51); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch6/Area Scan (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.74 W/kg

Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.67 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.14 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.462 W/kg
Maximum value of SAR (measured) = 1.70 W/kg



0 dB = 1.74 W/kg = 2.41 dBW/kg

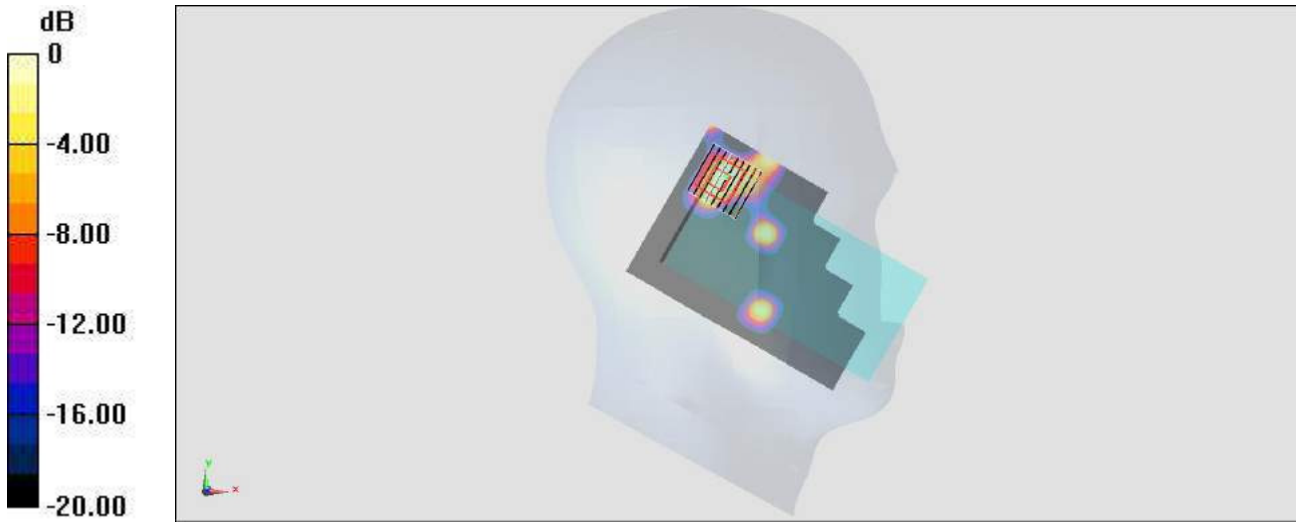
#09_WLAN5GHz_802.11a 6Mbps_Left Tilted_Ch64

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1.029
Medium: HSL_5G_160226 Medium parameters used: f = 5320 MHz; σ = 4.735 S/m; ε_r = 37.253; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(5.13, 5.13, 5.13); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch64/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.324 W/kg

Configuration/Ch64/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.661 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.845 W/kg
SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.556 W/kg



0 dB = 0.324 W/kg = -4.89 dBW/kg

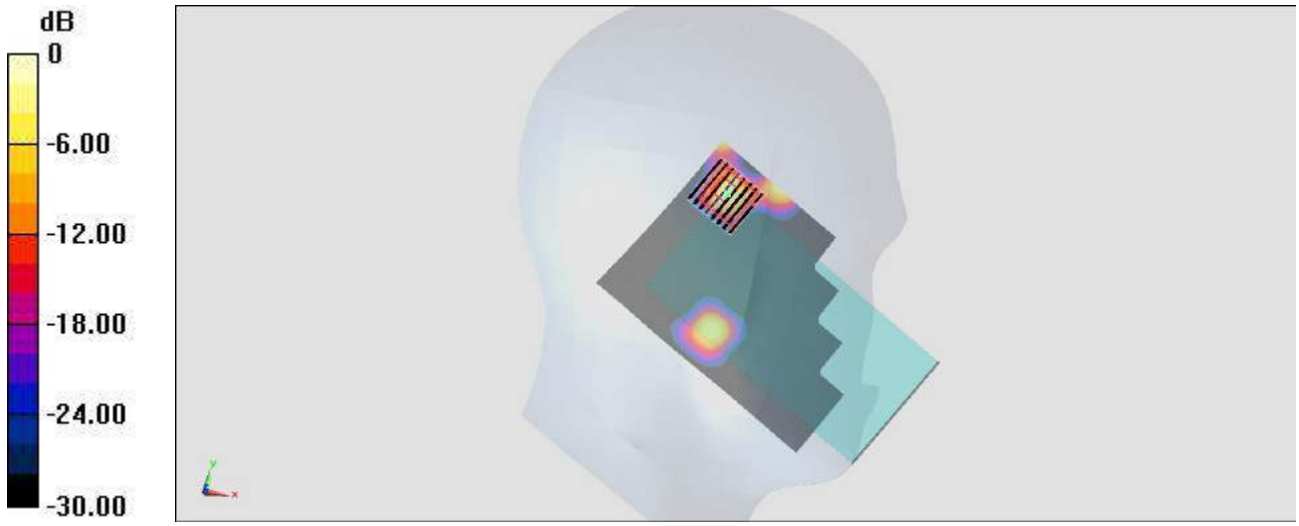
#10_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch140

Communication System: 802.11a ; Frequency: 5700 MHz;Duty Cycle: 1:1.029
Medium: HSL_5G_160226 Medium parameters used: f = 5700 MHz; σ = 5.126 S/m; ε_r = 36.755; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(4.42, 4.42, 4.42); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch140/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.598 W/kg

Configuration/Ch140/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.412 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.044 W/kg
Maximum value of SAR (measured) = 0.599 W/kg



0 dB = 0.598 W/kg = -2.23 dBW/kg

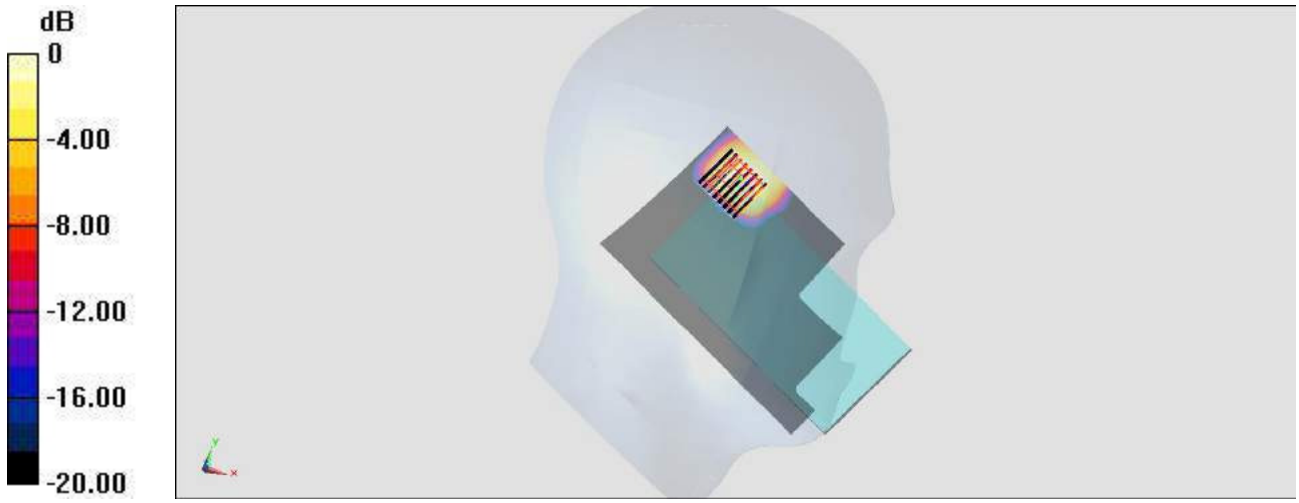
#11_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch157

Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1.029
Medium: HSL_5G_160226 Medium parameters used: f = 5785 MHz; σ = 5.22 S/m; ε_r = 36.642; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(4.58, 4.58, 4.58); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch157/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.318 W/kg

Configuration/Ch157/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.665 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.507 W/kg
SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.029 W/kg
Maximum value of SAR (measured) = 0.319 W/kg



0 dB = 0.318 W/kg = -4.98 dBW/kg

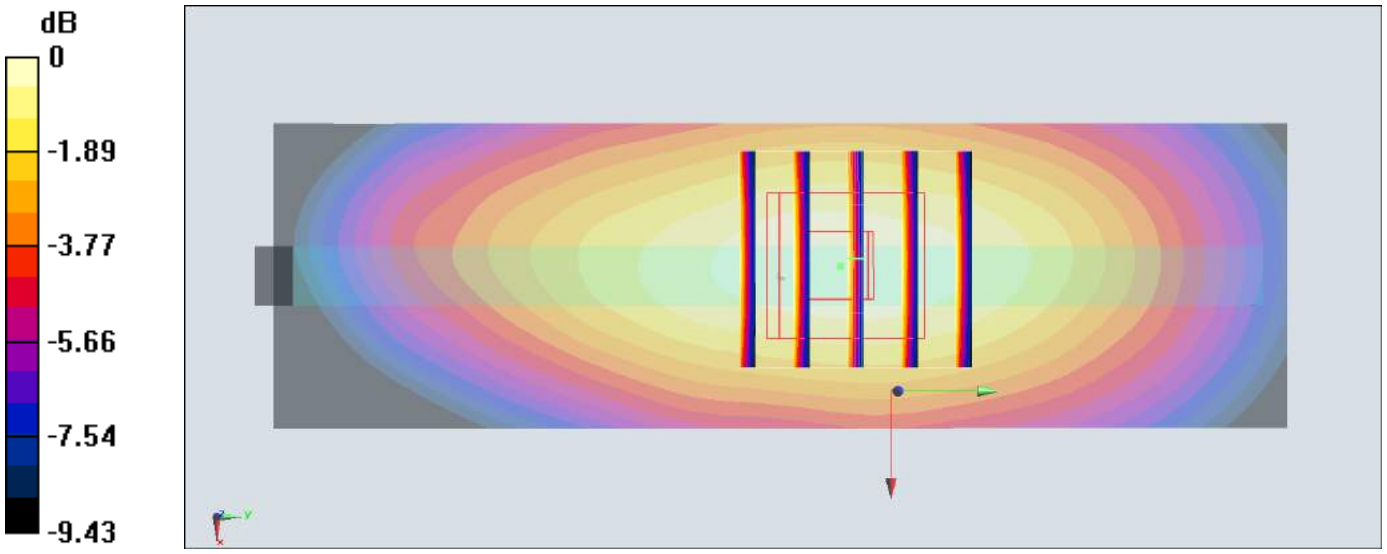
#12_GSM850_GPRS (4 Tx slots)_Left Side_10mm_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_160303 Medium parameters used : f = 824.2 MHz; σ = 0.992 S/m; ε_r = 53.614; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch128/Area Scan (31x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.279 W/kg

Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.02 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.361 W/kg
SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.153 W/kg
Maximum value of SAR (measured) = 0.287 W/kg



0 dB = 0.287 W/kg = -5.42 dBW/kg

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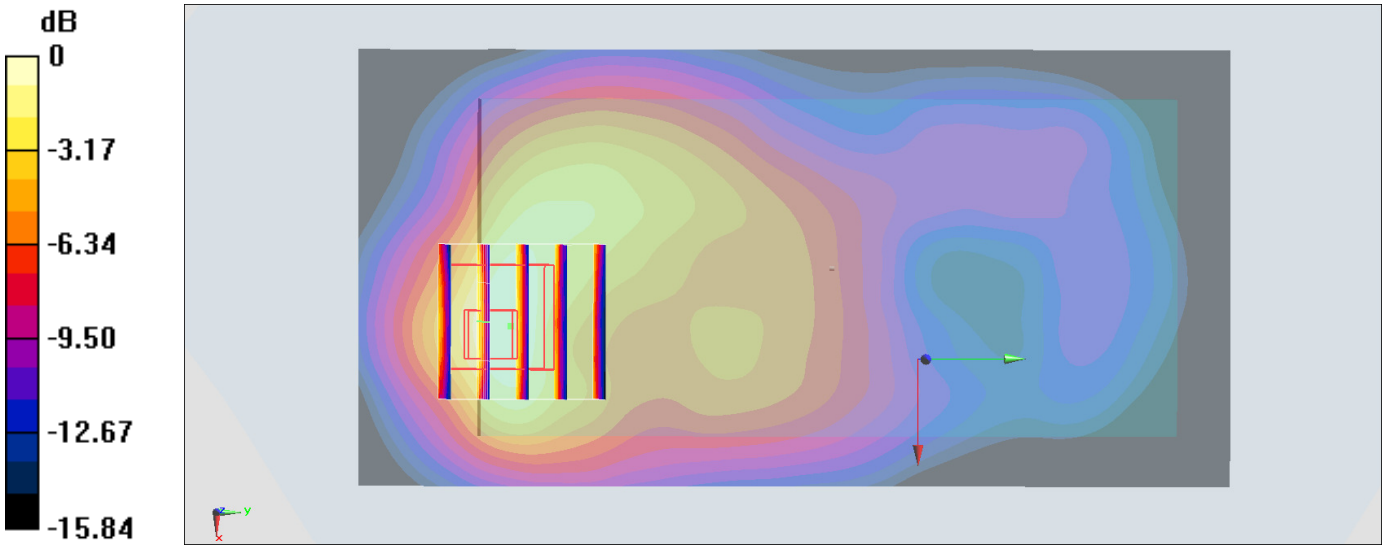
#13_GSM1900_EDGE(4 Tx slots)_Back_10mm_Ch512

Communication System: PCS ; Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_160402 Medium parameters used : f = 1850.2 MHz; σ = 1.483 S/m; ε_r = 55.443; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(7.89, 7.89, 7.89); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch512/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.524 W/kg

Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.31 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.619 W/kg
SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.195 W/kg
Maximum value of SAR (measured) = 0.502 W/kg



0 dB = 0.502 W/kg = -2.99 dBW/kg

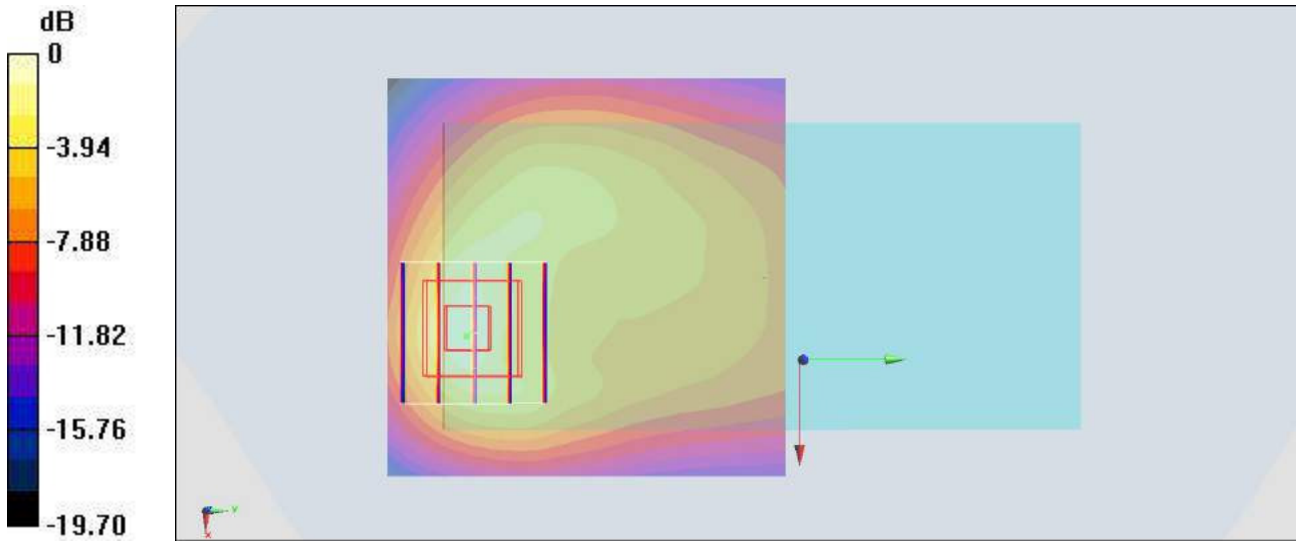
#14_WCDMA II_RMC 12.2Kbps_Back_10mm_Ch9538

Communication System: WCDMA ; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160229 Medium parameters used: f = 1908 MHz; σ = 1.56 S/m; ε_r = 54.878; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.94, 7.94, 7.94); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9538/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.93 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.753 W/kg; SAR(10 g) = 0.410 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

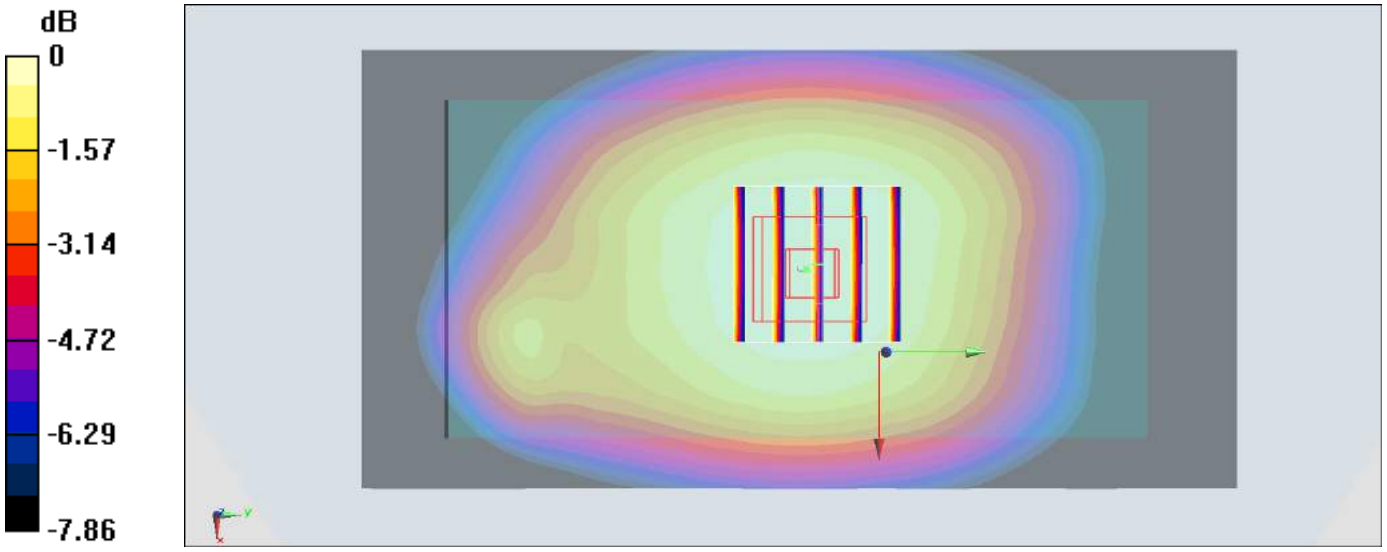
#15_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4233

Communication System: WCDMA ; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_160303 Medium parameters used: f = 847 MHz; σ = 1.014 S/m; ε_r = 53.353; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4233/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.746 W/kg

Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.85 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.883 W/kg
SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.484 W/kg
Maximum value of SAR (measured) = 0.751 W/kg



0 dB = 0.751 W/kg = -1.24 dBW/kg

T

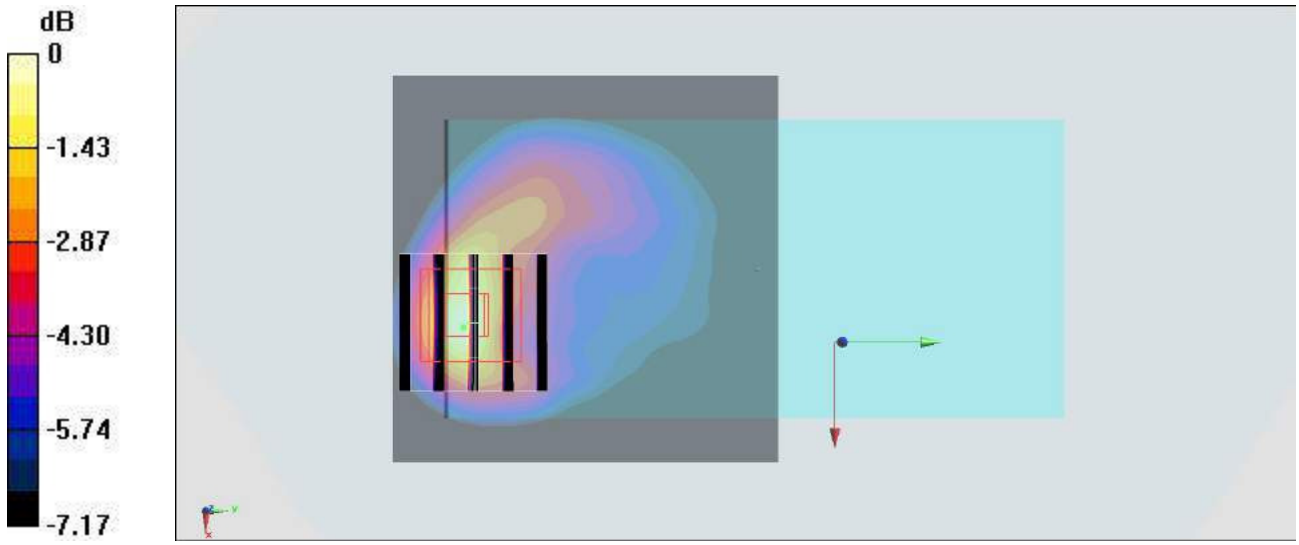
#16_LTE Band 2_20M_QPSK_1_0_Back_10mm_Ch18700

Communication System: LTE ; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160229 Medium parameters used: f = 1860 MHz; σ = 1.505 S/m; ε_r = 55.056; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.94, 7.94, 7.94); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch18700/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.986 W/kg

Configuration/Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.57 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.374 W/kg
Maximum value of SAR (measured) = 0.972 W/kg



0 dB = 0.986 W/kg = -0.06 dBW/kg

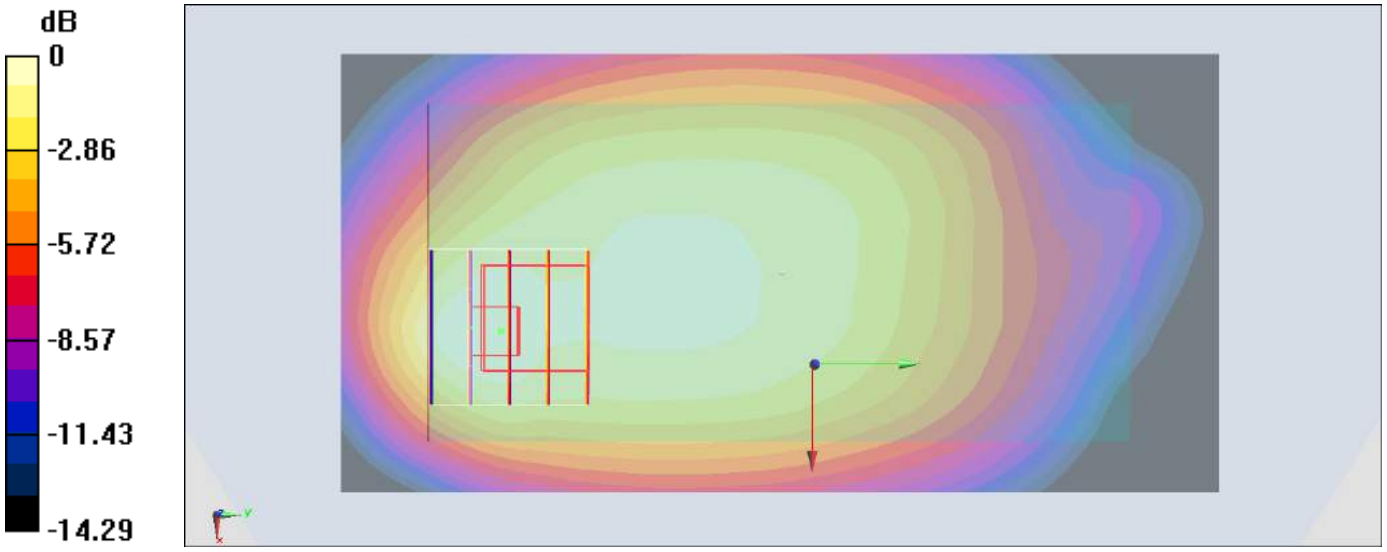
#17_LTE Band 5_10M_QPSK_1_0_Back_10mm_Ch20450

Communication System: LTE; Frequency: 829 MHz;Duty Cycle: 1:1
Medium: MSL_850_160303 Medium parameters used: f = 829 MHz; σ = 0.997 S/m; ε_r = 53.554; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20450/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.531 W/kg

Configuration/Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.36 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.930 W/kg
SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.248 W/kg
Maximum value of SAR (measured) = 0.518 W/kg



0 dB = 0.518 W/kg = -2.86 dBW/kg

T

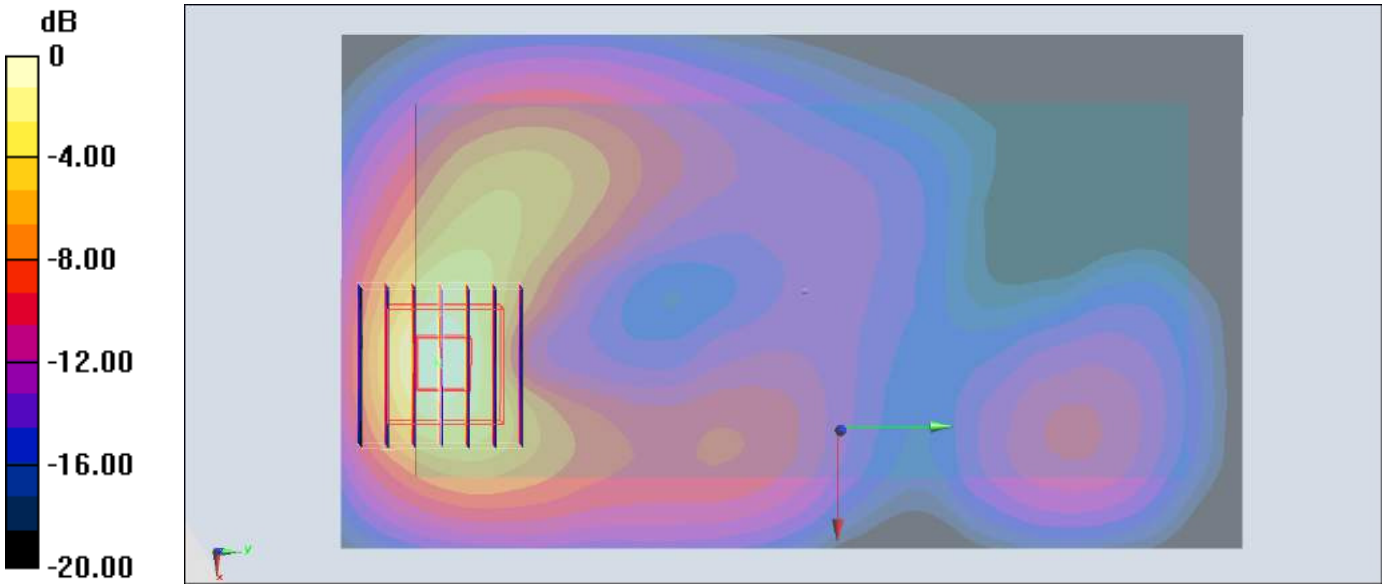
#18_LTE Band 7_20M_QPSK_1_0_Back_10mm_Ch20850

Communication System: LTE ; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: MSL_2600_160323 Medium parameters used: f = 2510 MHz; σ = 2.058 S/m; ε_r = 54.169; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(7.33, 7.33, 7.33); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20850/Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Configuration/Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.81 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.305 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

T

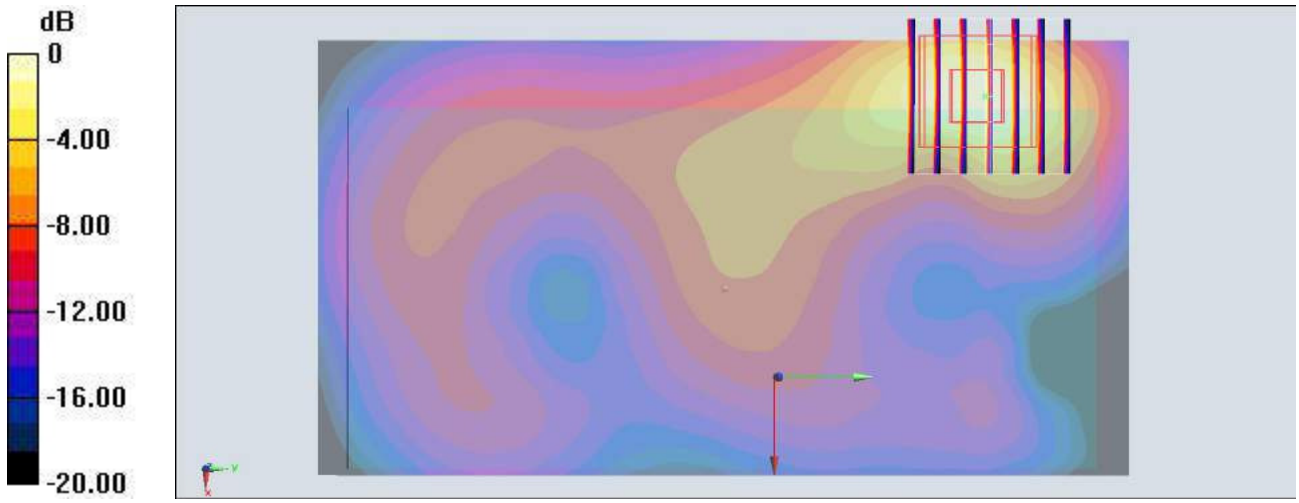
#19_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_160227 Medium parameters used: f = 2412 MHz; σ = 1.959 S/m; ε_r = 54.883; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.54, 7.54, 7.54); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch1/Area Scan (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.695 W/kg

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.79 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.889 W/kg
SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.198 W/kg
Maximum value of SAR (measured) = 0.719 W/kg



0 dB = 0.695 W/kg = -1.58 dBW/kg

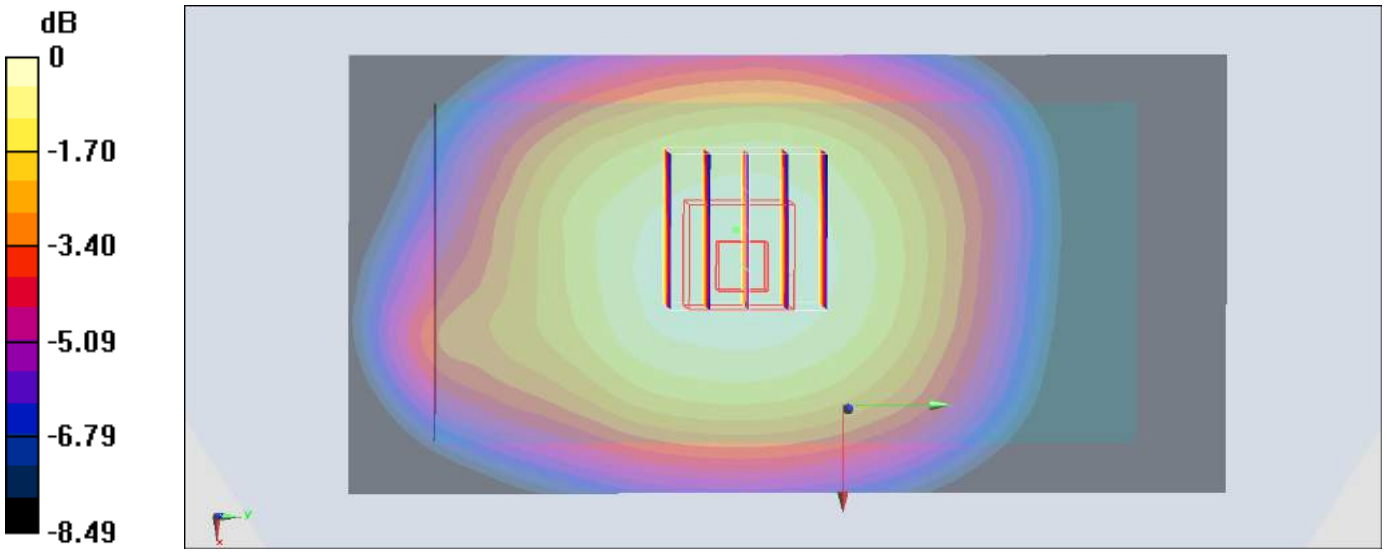
#20_GSM850_GPRS (4 Tx slots)_Back_15mm_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_160303 Medium parameters used: f = 824.2 MHz; σ = 0.992 S/m; ε_r = 53.614; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch128/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.412 W/kg

Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.10 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.504 W/kg
SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.269 W/kg
Maximum value of SAR (measured) = 0.423 W/kg



0 dB = 0.423 W/kg = -3.74 dBW/kg

T

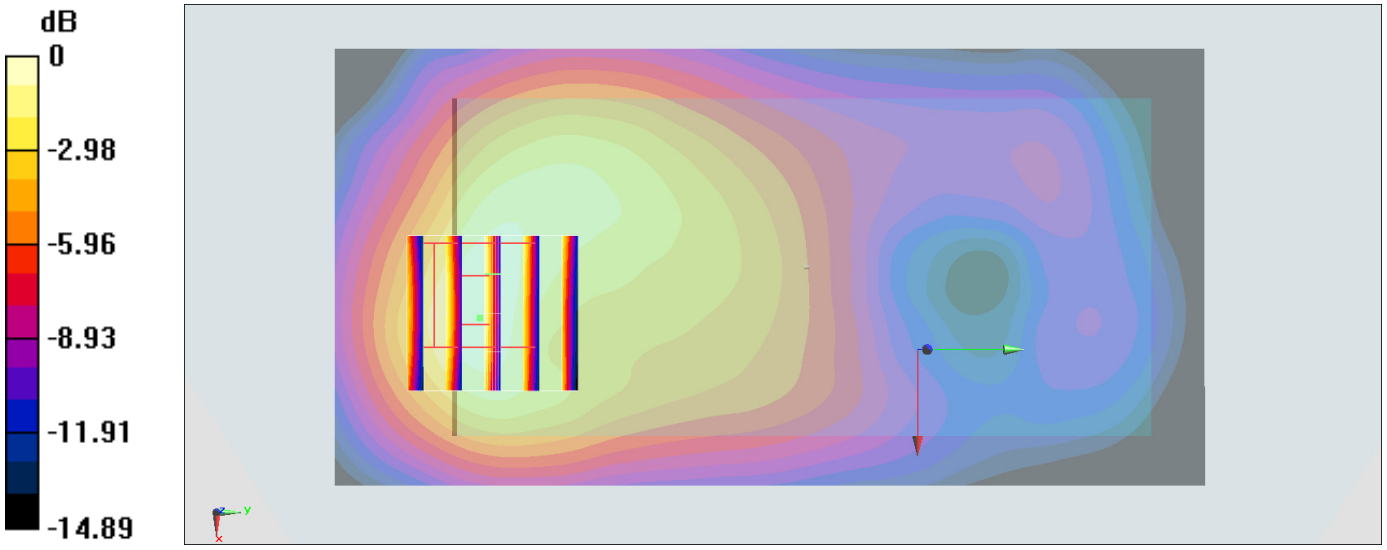
#21_GSM1900_EDGE(4 Tx slots)_Back_15mm_Ch512

Communication System: PCS ; Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_160402 Medium parameters used : f = 1850.2 MHz; σ = 1.483 S/m; ε_r = 55.443; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(7.89, 7.89, 7.89); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch512/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.222 W/kg

Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.19 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.266 W/kg
SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.102 W/kg
Maximum value of SAR (measured) = 0.228 W/kg



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

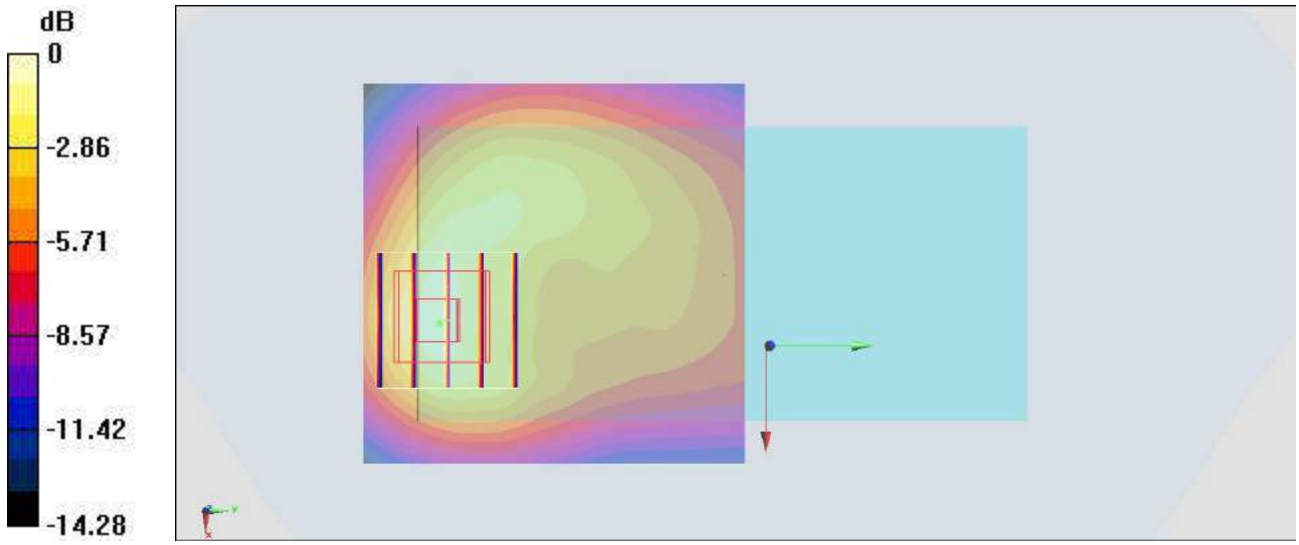
#22_WCDMA II_RMC 12.2Kbps_Back_15mm_Ch9538

Communication System: WCDMA ; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160229 Medium parameters used: f = 1908 MHz; σ = 1.56 S/m; ε_r = 54.878; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.94, 7.94, 7.94); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9538/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.507 W/kg

Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.99 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.547 W/kg
SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.205 W/kg
Maximum value of SAR (measured) = 0.478 W/kg



0 dB = 0.507 W/kg = -2.95 dBW/kg

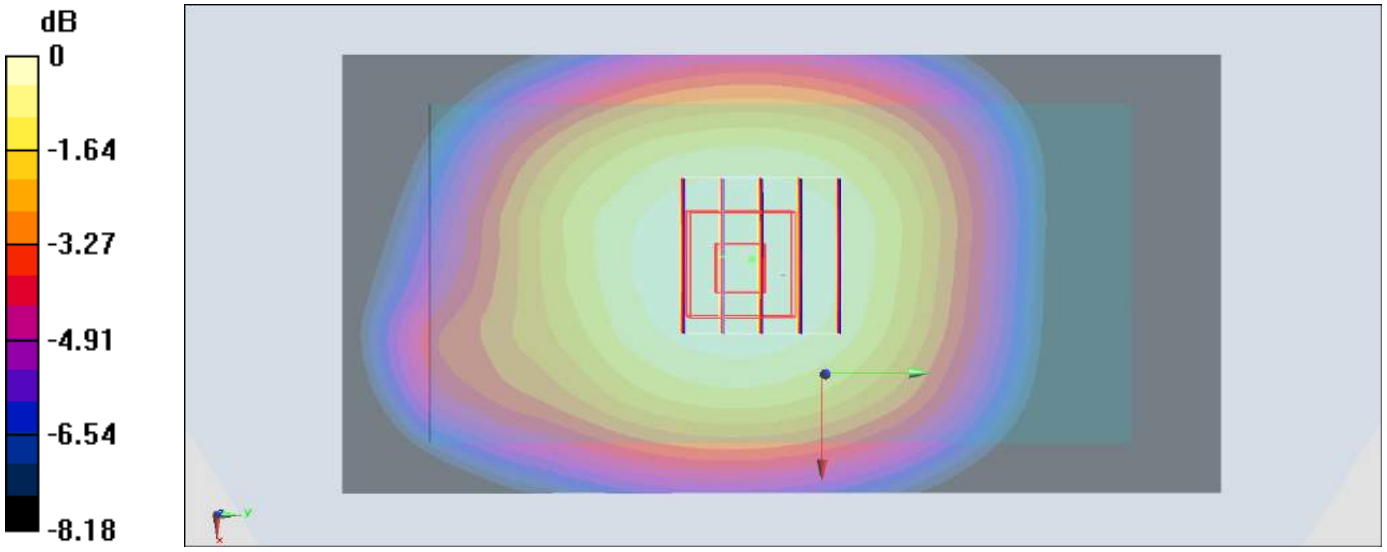
#23_WCDMA V_RMC 12.2Kbps_Back_15mm_Ch4233

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_160303 Medium parameters used: f = 847 MHz; σ = 1.014 S/m; ε_r = 53.353; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4233/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.654 W/kg

Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.97 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.764 W/kg
SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.413 W/kg
Maximum value of SAR (measured) = 0.646 W/kg



0 dB = 0.646 W/kg = -1.90 dBW/kg

T

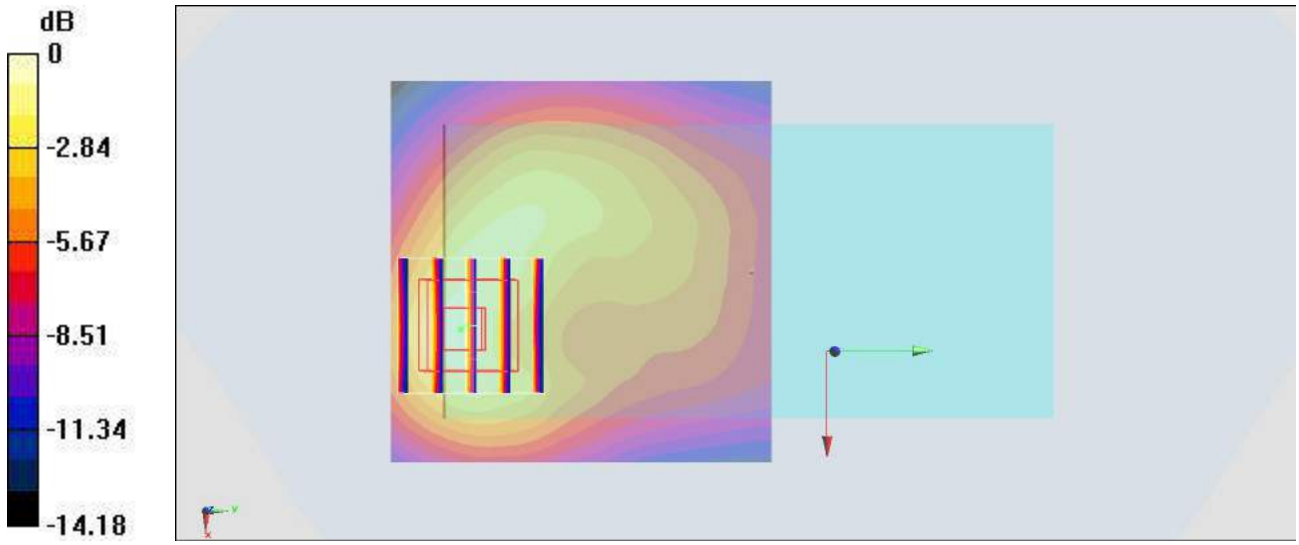
#24_LTE Band 2_20M_QPSK_1_0_Back_15mm_Ch18700

Communication System: LTE ; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_160229 Medium parameters used: f = 1860 MHz; σ = 1.505 S/m; ε_r = 55.056; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.94, 7.94, 7.94); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch18700/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.431 W/kg

Configuration/Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.50 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.469 W/kg
SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 0.414 W/kg



0 dB = 0.431 W/kg = -3.66 dBW/kg

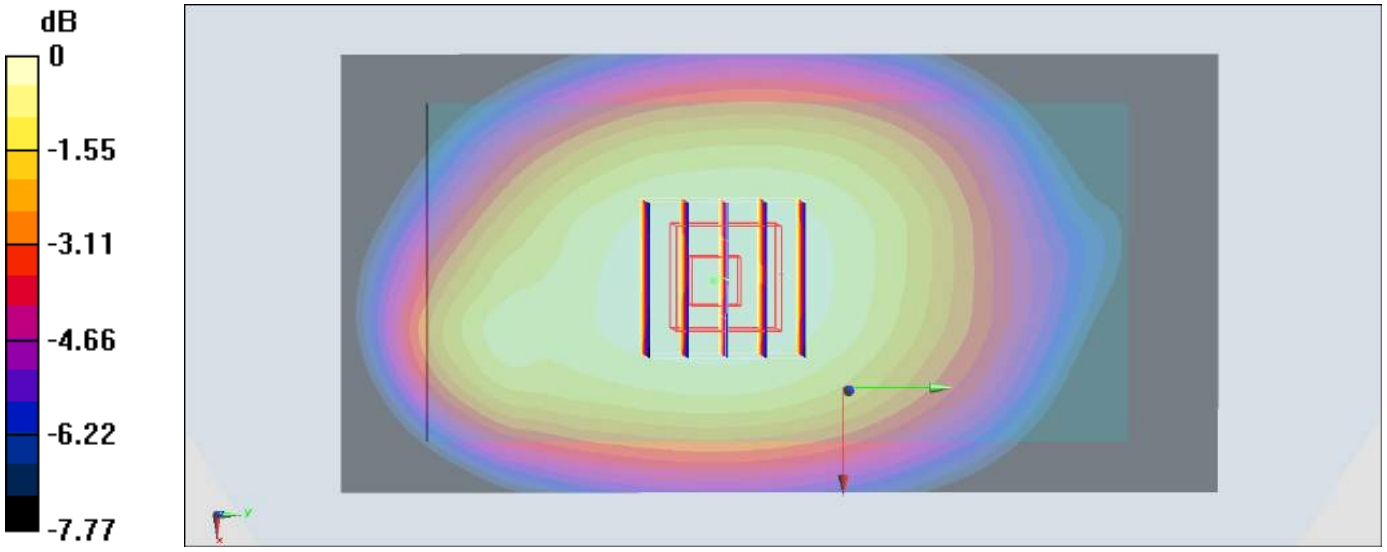
#25_LTE Band 5_10M_QPSK_1_0_Back_15mm_Ch20450

Communication System: LTE; Frequency: 829 MHz;Duty Cycle: 1:1
Medium: MSL_850_160303 Medium parameters used: f = 829 MHz; σ = 0.997 S/m; ε_r = 53.554; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20450/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.312 W/kg

Configuration/Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.35 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.370 W/kg
SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.201 W/kg
Maximum value of SAR (measured) = 0.313 W/kg



0 dB = 0.313 W/kg = -5.04 dBW/kg

T

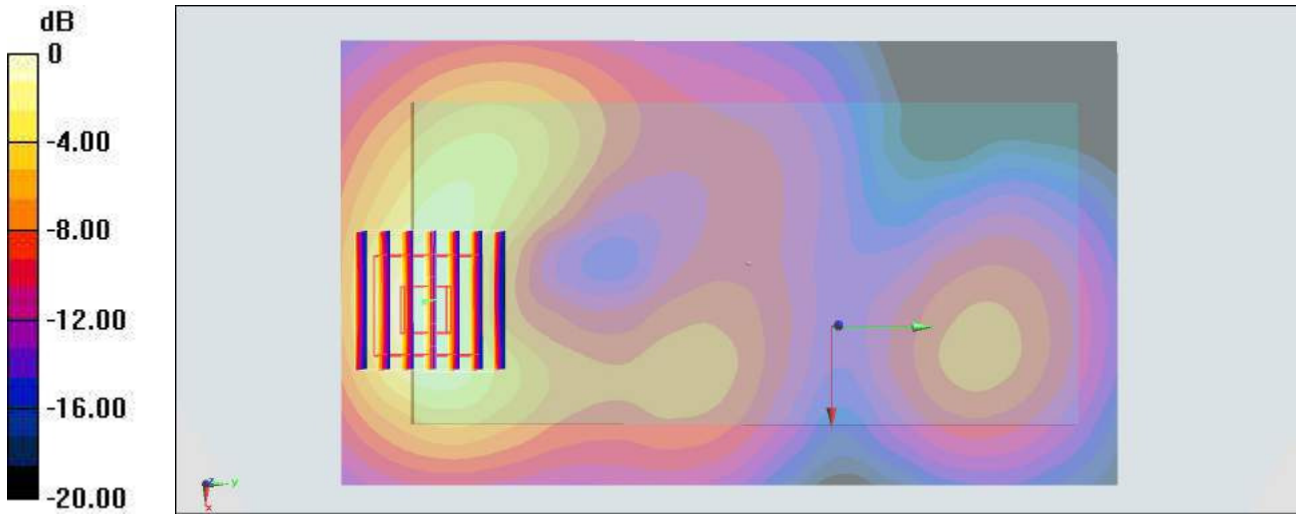
#26_LTE Band 7_20M_QPSK_1_0_Back_15mm_Ch20850

Communication System: LTE ; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: MSL_2600_160317 Medium parameters used: f = 2510 MHz; σ = 2.071 S/m; ε_r = 52.892; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.38, 7.38, 7.38); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20850/Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.875 W/kg

Configuration/Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.00 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.299 W/kg
Maximum value of SAR (measured) = 0.908 W/kg



0 dB = 0.875 W/kg = -0.58 dBW/kg

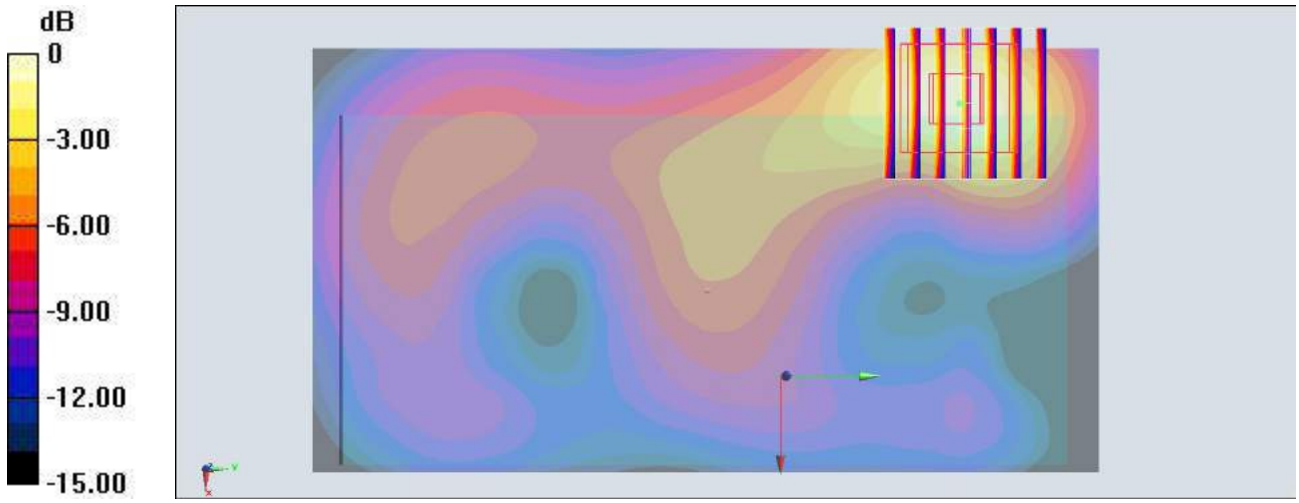
#27_WLAN2.4GHz_802.11b 1Mbps_Back_15mm_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_160227 Medium parameters used: f = 2412 MHz; σ = 1.959 S/m; ε_r = 54.883; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.54, 7.54, 7.54); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch1/Area Scan (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.374 W/kg

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.07 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.496 W/kg
SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.131 W/kg
Maximum value of SAR (measured) = 0.408 W/kg



0 dB = 0.374 W/kg = -4.27 dBW/kg

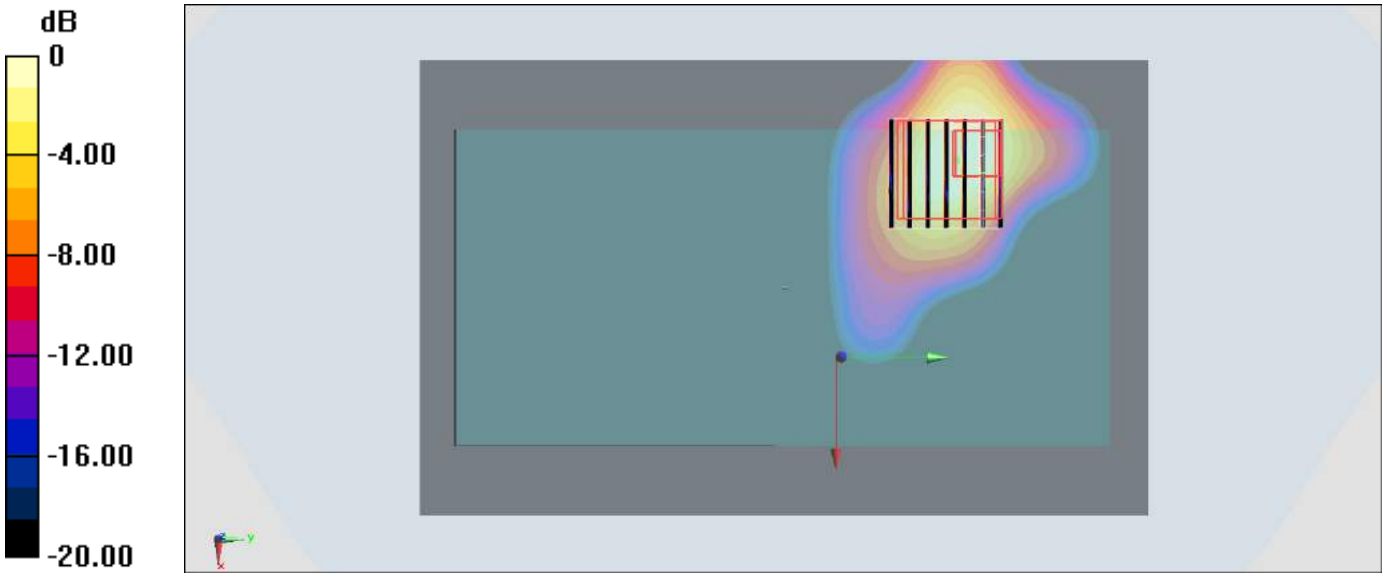
#28_WLAN5GHz_802.11a 6Mbps_Back_15mm_Ch64

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1.029
Medium: MSL_5G_160215 Medium parameters used: f = 5320 MHz; σ = 5.634 S/m; ε_r = 46.77; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3955; ConvF(4.42, 4.42, 4.42); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch64/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.297 W/kg

Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.261 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.455 W/kg
SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.033 W/kg
Maximum value of SAR (measured) = 0.263 W/kg



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

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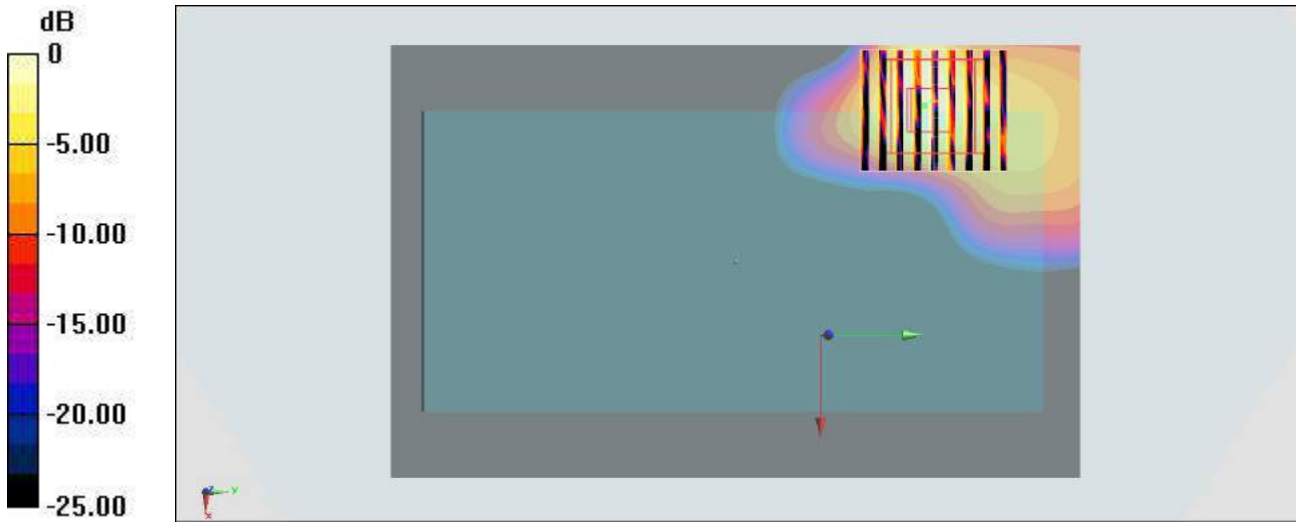
#29_WLAN5GHz_802.11a 6Mbps_Back_15mm_Ch140

Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1.029
Medium: MSL_5G_160225 Medium parameters used: f = 5700 MHz; σ = 6.048 S/m; ε_r = 46.258; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(3.84, 3.84, 3.84); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch140/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.385 W/kg

Configuration/Ch140/Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.249 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.551 W/kg
SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.340 W/kg



0 dB = 0.385 W/kg = -4.15 dBW/kg

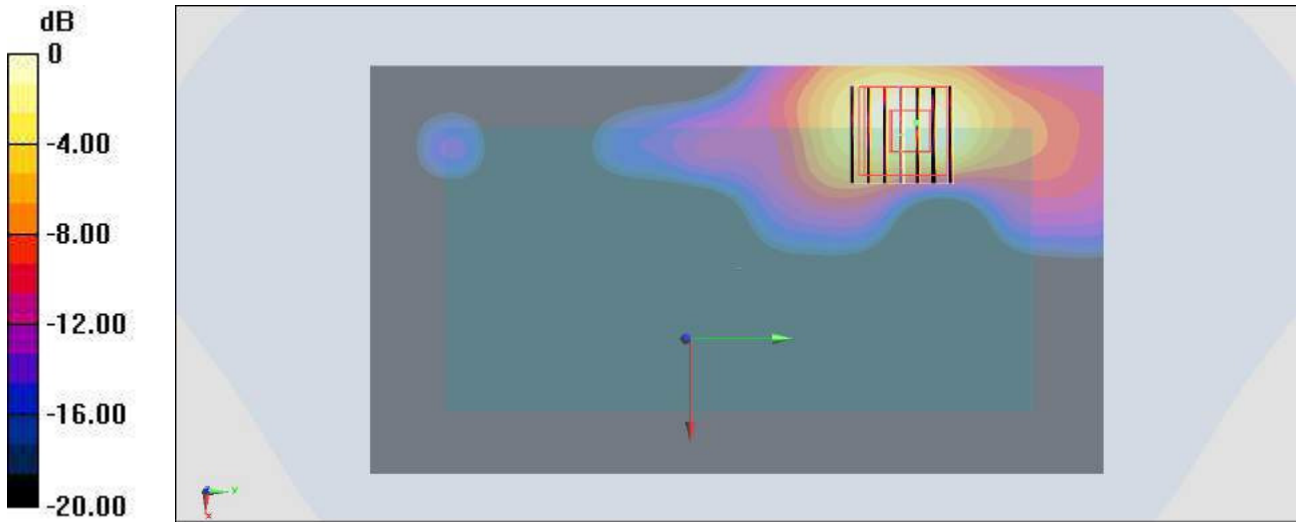
#30_WLAN5GHz_802.11a 6Mbps_Back_15mm_Ch157

Communication System: 802.11a; Frequency: 5785 MHz;Duty Cycle: 1:1.029
Medium: MSL_5G_160225 Medium parameters used: f = 5785 MHz; σ = 6.149 S/m; ε_r = 46.17; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(3.98, 3.98, 3.98); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch157/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.359 W/kg

Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.517 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.747 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.058 W/kg
Maximum value of SAR (measured) = 0.429 W/kg



0 dB = 0.359 W/kg = -4.45 dBW/kg