Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018.08.29

System Check_Body_835MHz

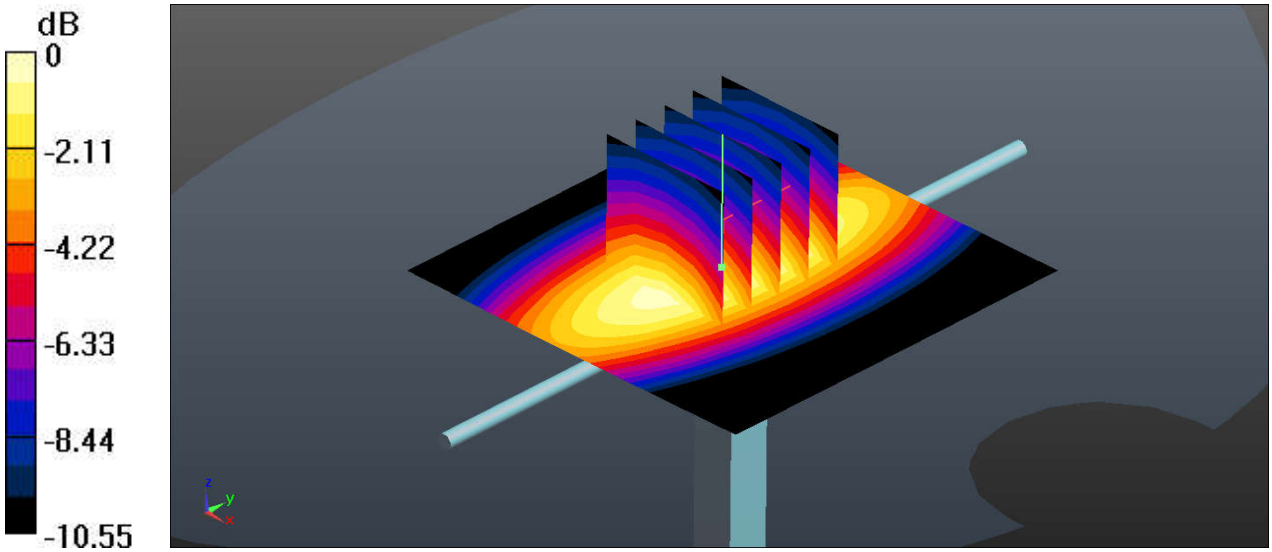
DUT: D835V2-SN:4d162

Communication System: UID 0, CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: MSL_835_180829 Medium parameters used: f = 835 MHz; σ = 0.977 S/m; ε_r = 54.442; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 3.17 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.38 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.73 W/kg
SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.65 W/kg
Maximum value of SAR (measured) = 3.18 W/kg



0 dB = 3.18 W/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2018.09.01

System Check_Body_1750MHz

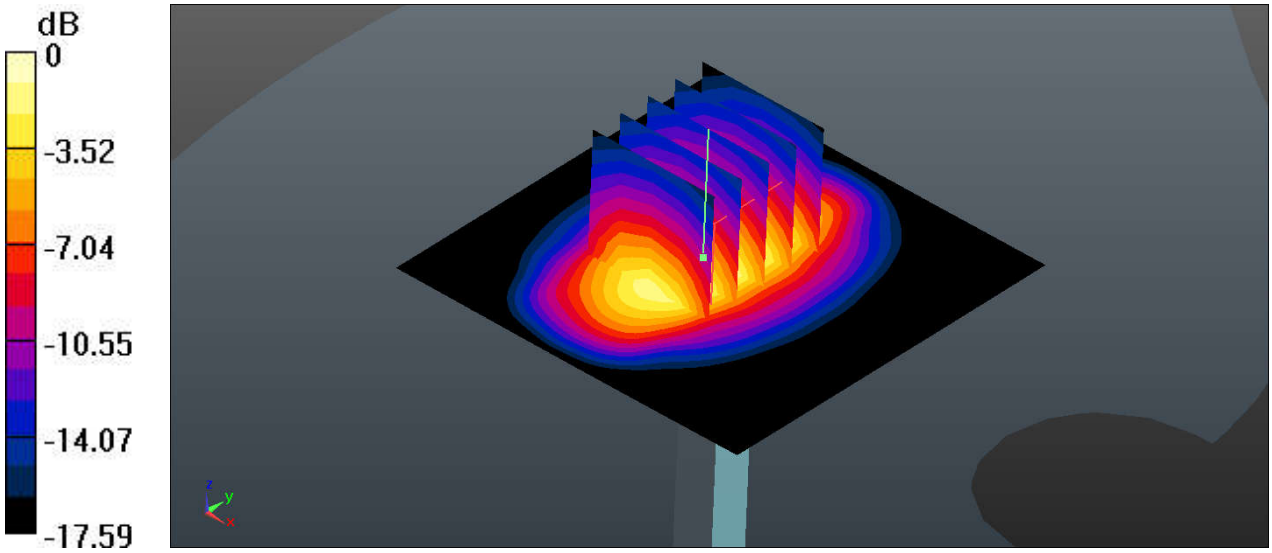
DUT: D1750V2-SN:1137

Communication System: UID 0, CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1750_180901 Medium parameters used: f = 1750 MHz; σ = 1.515 S/m; ε_r = 55.246; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.93, 7.93, 7.93); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 12.3 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 87.03 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 15.7 W/kg
SAR(1 g) = 8.69 W/kg; SAR(10 g) = 4.58 W/kg
Maximum value of SAR (measured) = 12.2 W/kg



0 dB = 12.2 W/kg

System Check_Body_1900MHz

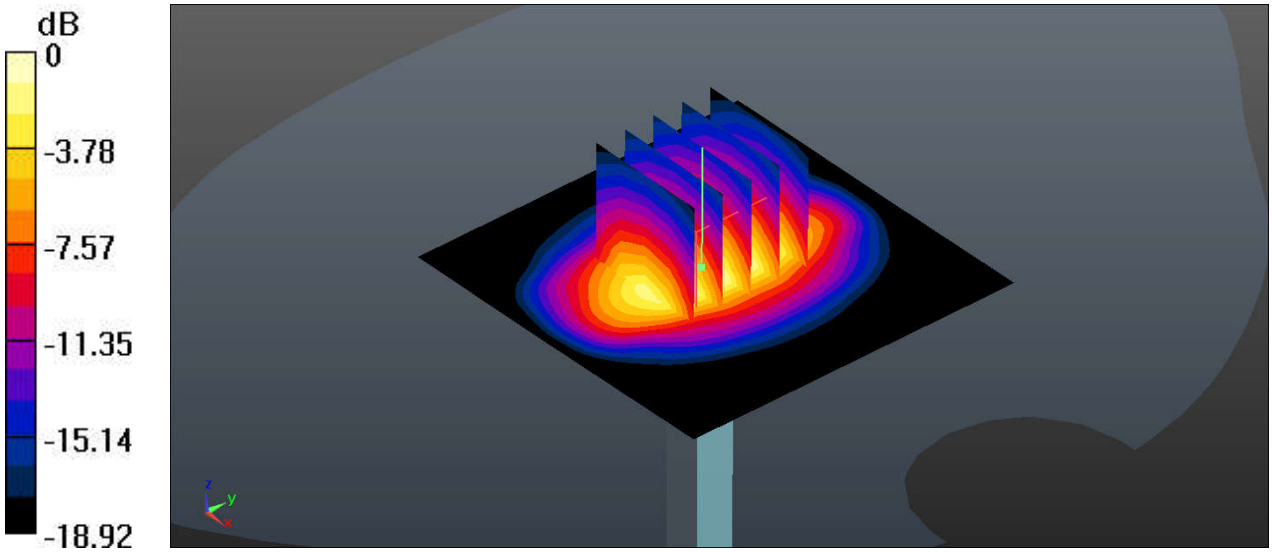
DUT: D1900V2-SN:5d182

Communication System: UID 0, CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180901 Medium parameters used: f = 1900 MHz; σ = 1.543 S/m; ε_r = 52.519; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.69, 7.69, 7.69); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 14.3 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 83.19 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 18.3 W/kg
SAR(1 g) = 9.91 W/kg; SAR(10 g) = 5.02 W/kg
Maximum value of SAR (measured) = 14.2 W/kg



0 dB = 14.2 W/kg

System Check_Body_2450MHz

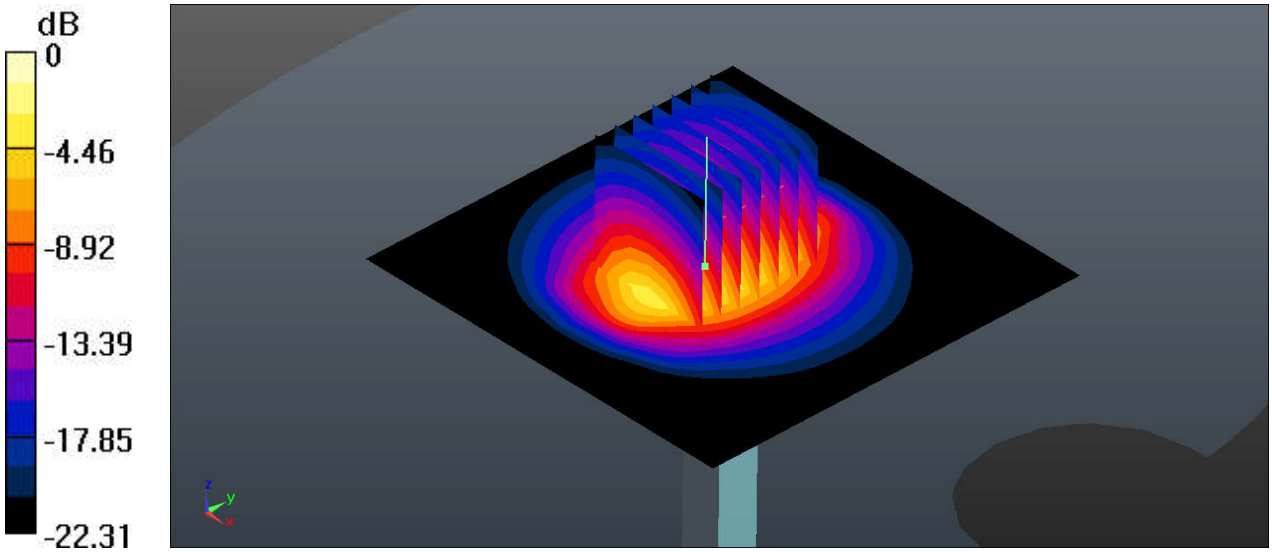
DUT: D2450V2-SN:924

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: MSL_2450_180831 Medium parameters used: f = 2450 MHz; σ = 2.001 S/m; ε_r = 52.089; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.46, 7.46, 7.46); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 19.6 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 84.47 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 26.2 W/kg
SAR(1 g) = 12.7 W/kg; SAR(10 g) = 5.83 W/kg
Maximum value of SAR (measured) = 19.5 W/kg



0 dB = 19.5 W/kg

System Check_Body_2600MHz

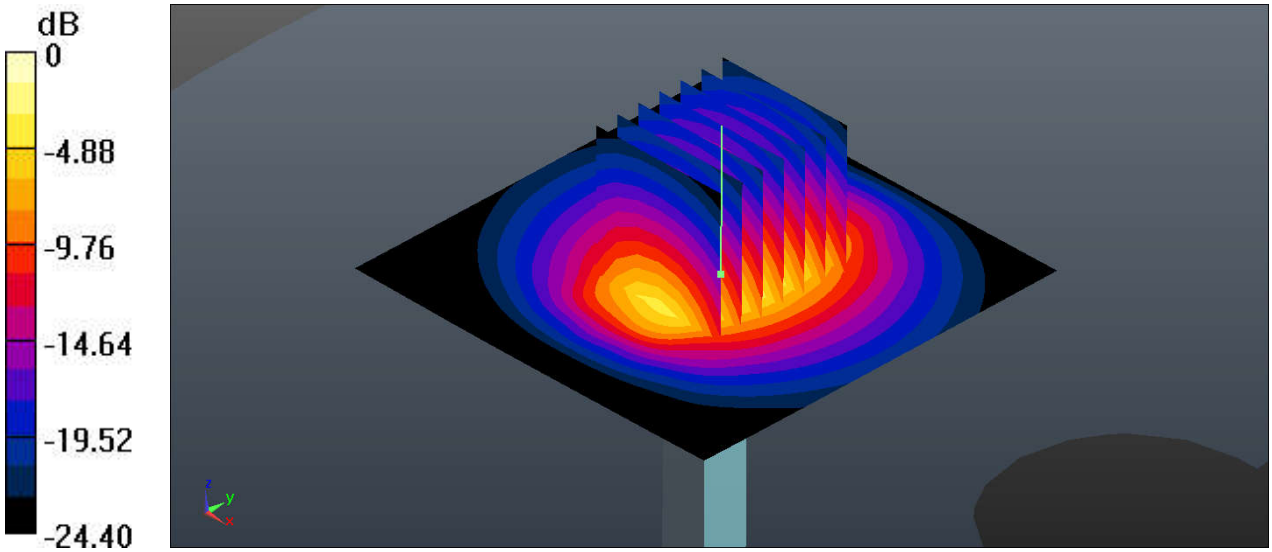
DUT: D2600V2-SN:1070

Communication System: UID 0, CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: MSL_2600_180831 Medium parameters used: f = 2600 MHz; σ = 2.165 S/m; ε_r = 53.823; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(6.92, 6.92, 6.92); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 21.3 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 98.57 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 29.2 W/kg
SAR(1 g) = 13.5 W/kg; SAR(10 g) = 5.9 W/kg
Maximum value of SAR (measured) = 21.1 W/kg



0 dB = 21.1 W/kg

System Check_Body_5250MHz

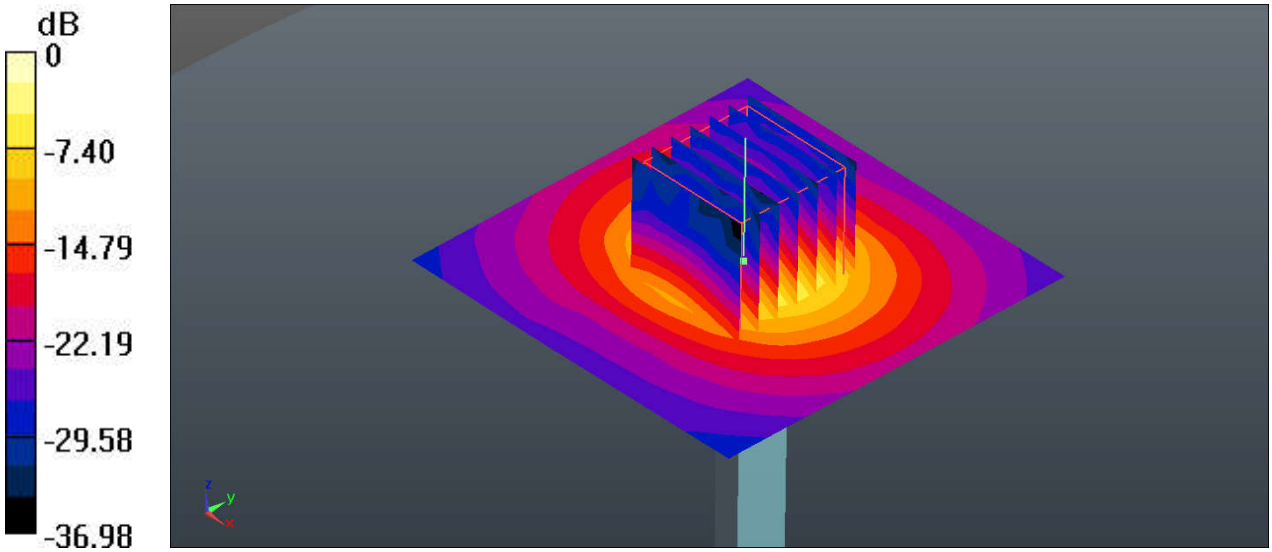
DUT: D5GHzV2-SN:1167

Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: MSL_5250_180902 Medium parameters used: f = 5250 MHz; σ = 5.418 S/m; ε_r = 47.824; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.7, 4.7, 4.7); Calibrated: 2018.01.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 18.1 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 48.55 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 31.1 W/kg
SAR(1 g) = 7.76 W/kg; SAR(10 g) = 2.11 W/kg
Maximum value of SAR (measured) = 18.8 W/kg



0 dB = 18.8 W/kg

System Check_Body_5600MHz

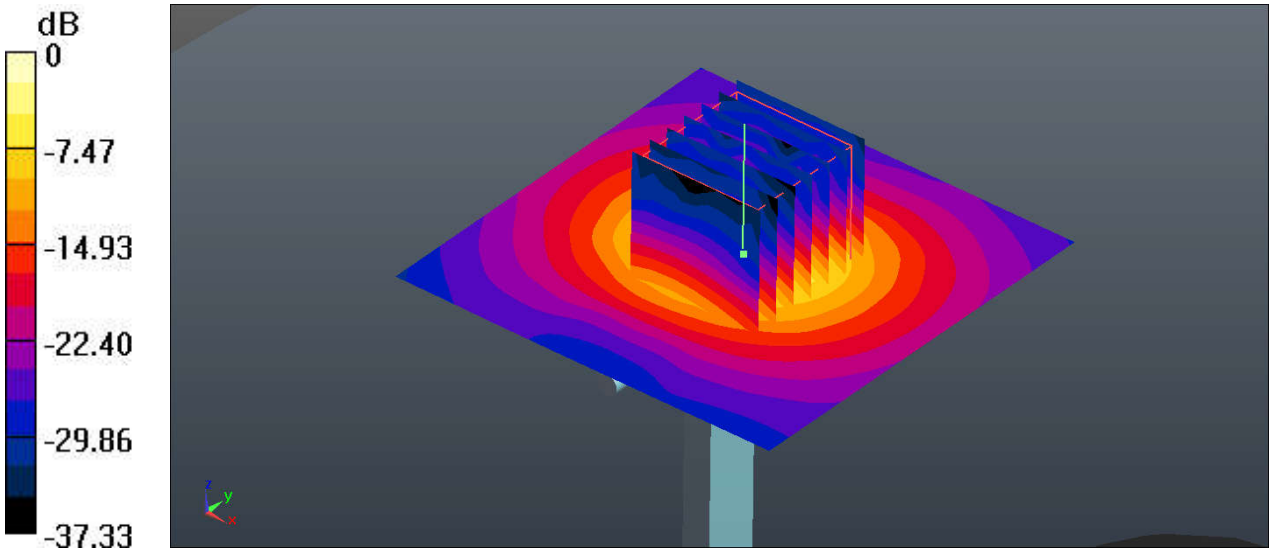
DUT: D5GHzV2-SN:1167

Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: MSL_5600_180902 Medium parameters used: f = 5600 MHz; σ = 5.892 S/m; ε_r = 47.208; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.18, 4.18, 4.18); Calibrated: 2018.01.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 20.4 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 48.72 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 35.2 W/kg
SAR(1 g) = 8.32 W/kg; SAR(10 g) = 2.3 W/kg
Maximum value of SAR (measured) = 22.2 W/kg



0 dB = 22.2 W/kg

System Check_Body_5750MHz

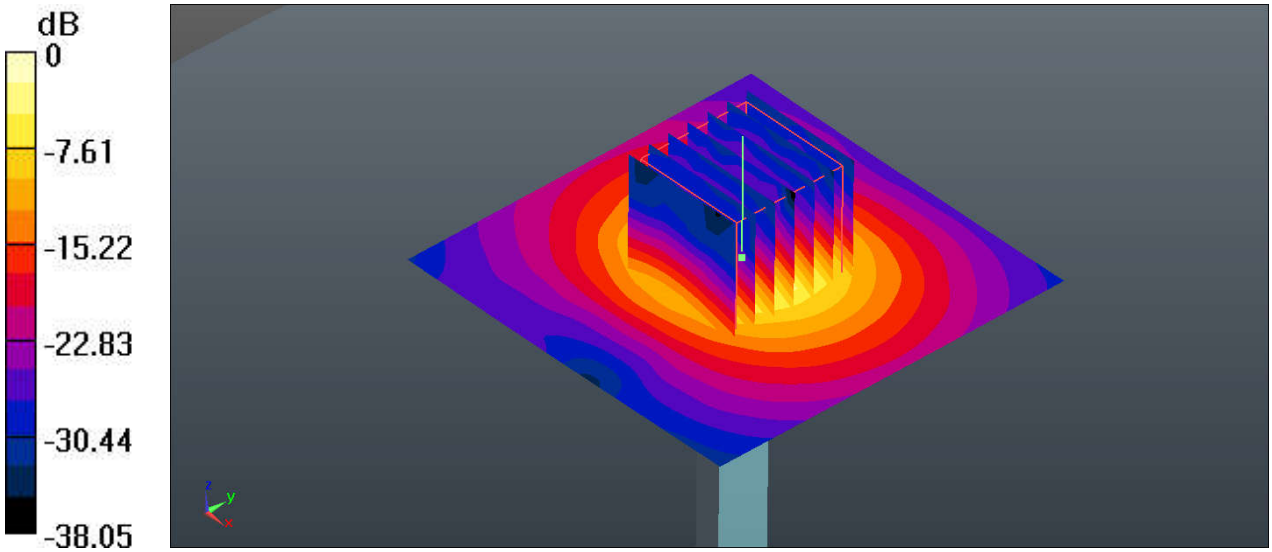
DUT: D5GHzV2-SN:1167

Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: MSL_5750_180902 Medium parameters used: f = 5750 MHz; σ = 6.111 S/m; ε_r = 46.899; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.32, 4.32, 4.32); Calibrated: 2018.01.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 19.8 W/kg

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 45.60 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 35.7 W/kg
SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.21 W/kg
Maximum value of SAR (measured) = 20.4 W/kg



0 dB = 20.4 W/kg

Appendix B. Plots of High SAR Measurement

The plots are shown as follows.

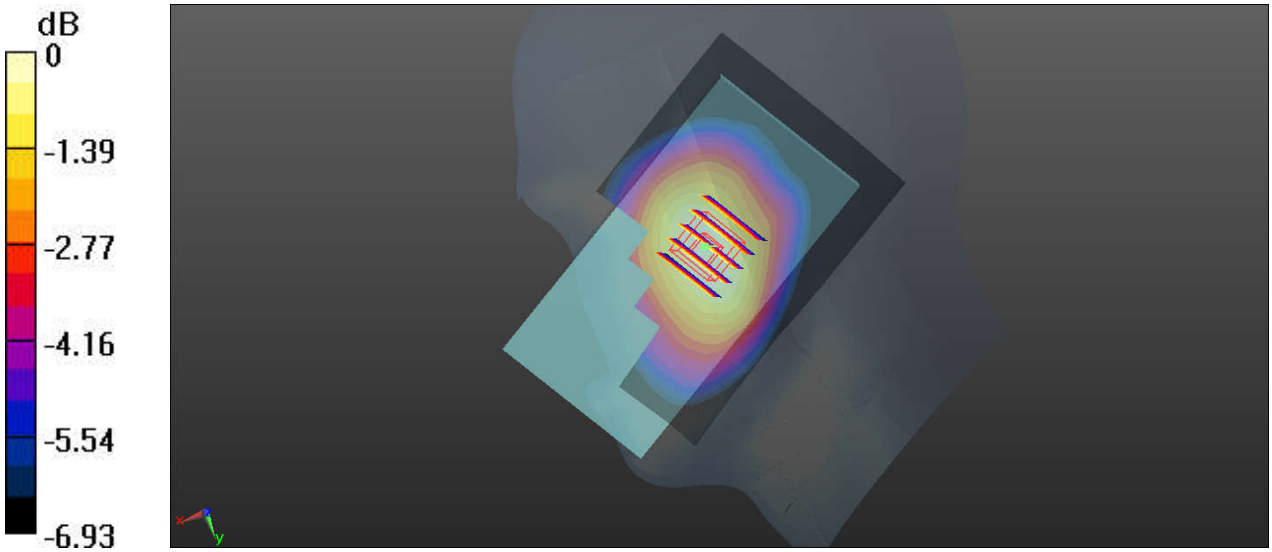
01_GSM850_GPRS(3 Tx slots)_Right Cheek_Ch128

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: HSL_835_180826 Medium parameters used: f = 824.2 MHz; σ = 0.919 S/m; ε_r = 41.913; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch128/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.933 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.686 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.830 W/kg; SAR(10 g) = 0.646 W/kg
Maximum value of SAR (measured) = 0.936 W/kg



0 dB = 0.936 W/kg

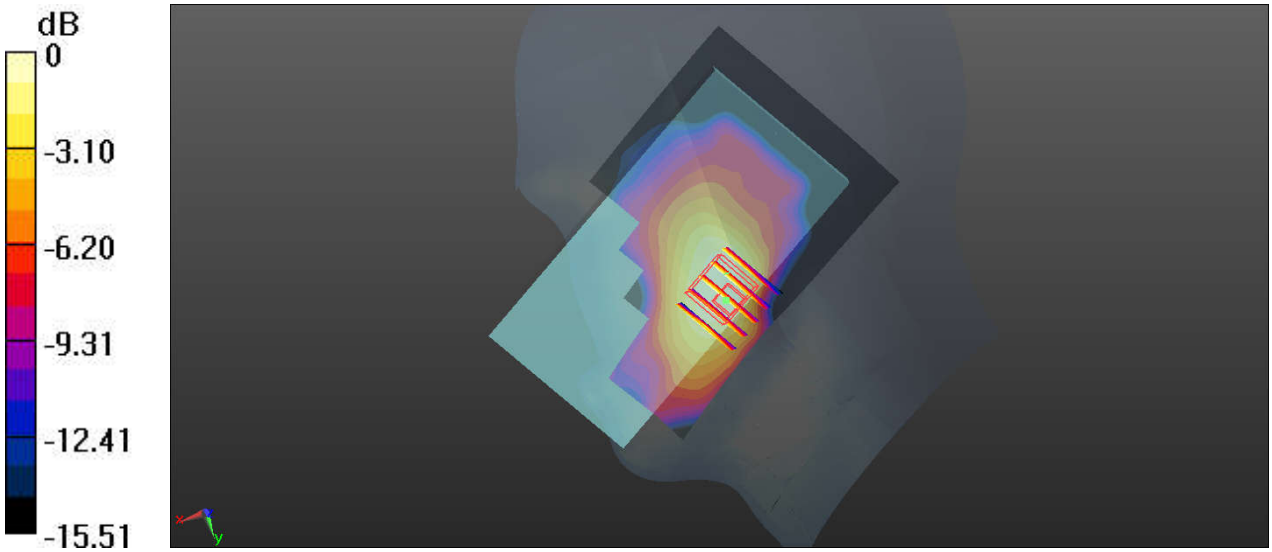
02_GSM1900_GPRS(3 Tx slots)_Right Cheek_Ch661

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: HSL_1900_180826 Medium parameters used: f = 1880 MHz; σ = 1.435 S/m; ε_r = 40.161; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.13, 8.13, 8.13); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.158 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.3380 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.497 W/kg
SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.078 W/kg
Maximum value of SAR (measured) = 0.155 W/kg



0 dB = 0.155 W/kg

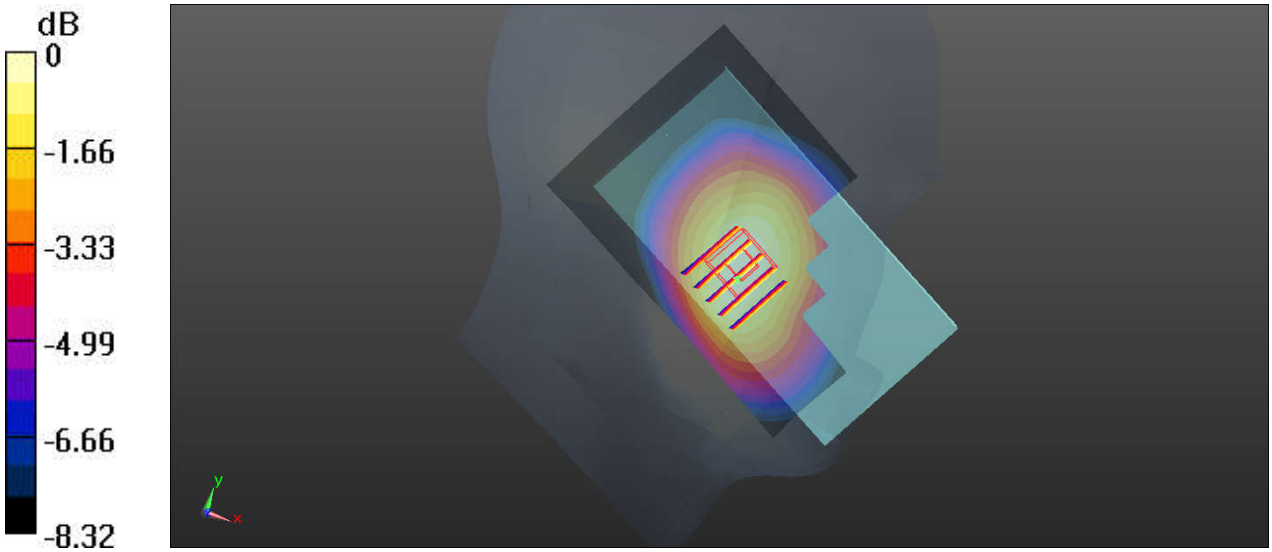
03_WCDMA Band V_RMC 12.2Kbps_Left Cheek_Ch4132

Communication System: UID 0, UMTS (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_180826 Medium parameters used: f = 826.4 MHz; σ = 0.921 S/m; ε_r = 41.889; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4132/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.551 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.619 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.605 W/kg
SAR(1 g) = 0.491 W/kg; SAR(10 g) = 0.383 W/kg
Maximum value of SAR (measured) = 0.555 W/kg



0 dB = 0.555 W/kg

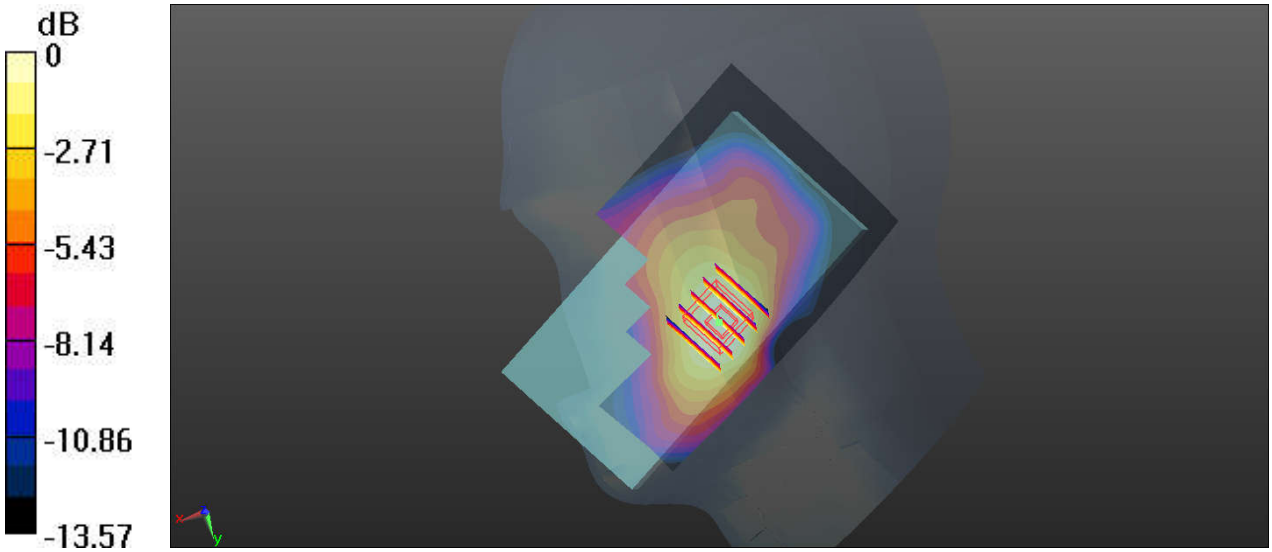
04_WCDMA Band IV_RMC 12.2Kbps_Right Cheek_Ch1513

Communication System: UID 0, UMTS (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_180826 Medium parameters used: f = 1752.6 MHz; σ = 1.385 S/m; ε_r = 41.544;ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.37, 8.37, 8.37); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1513/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.654 W/kg

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.184 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.739 W/kg
SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.351 W/kg
Maximum value of SAR (measured) = 0.639 W/kg



0 dB = 0.639 W/kg

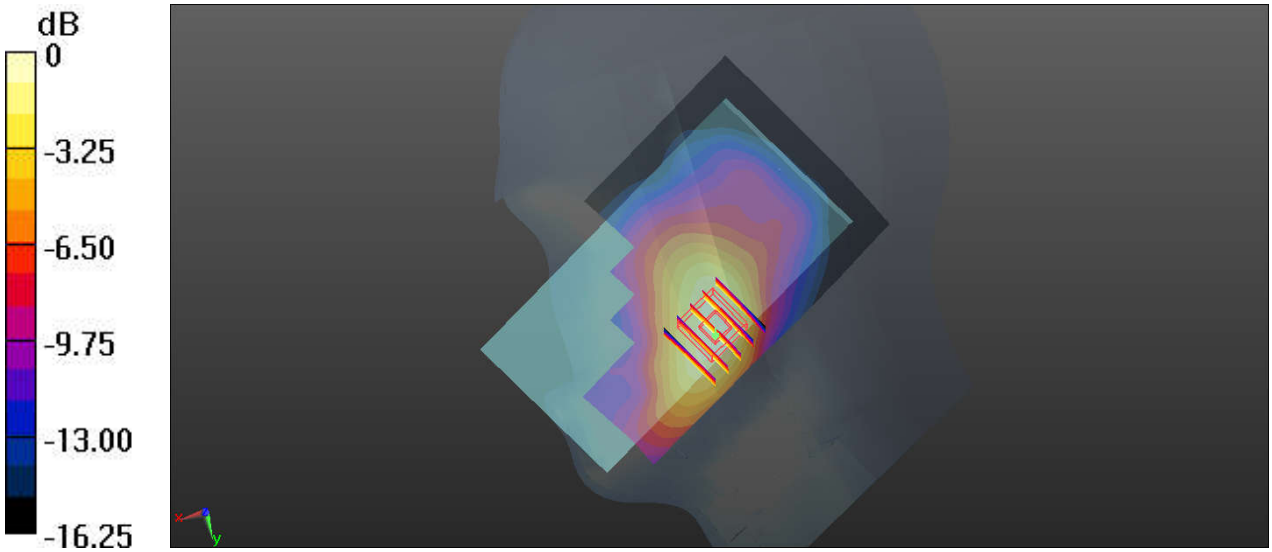
05_WCDMA Band II_RMC 12.2Kbps_Right Cheek_Ch9400

Communication System: UID 0, UMTS (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180826 Medium parameters used: f = 1880 MHz; σ = 1.435 S/m; ε_r = 40.161; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.13, 8.13, 8.13); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.841 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.090 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.882 W/kg
SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.407 W/kg
Maximum value of SAR (measured) = 0.763 W/kg



0 dB = 0.841 W/kg

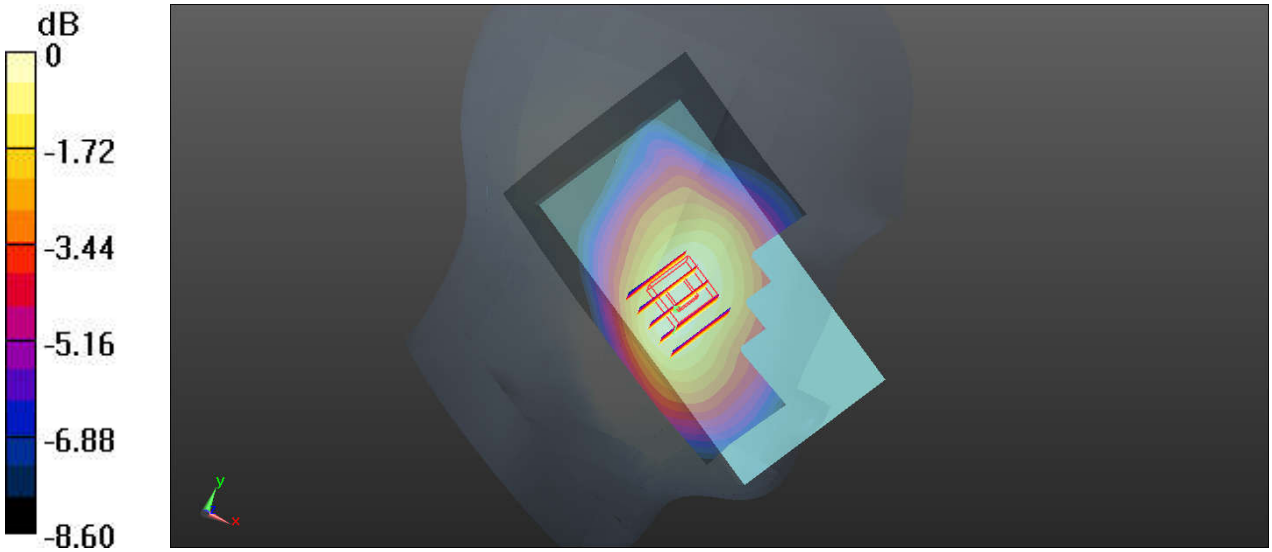
06_CDMA2000 BC10_RC3 SO55_Left Cheek_Ch684

Communication System: UID 0, CDMA2000 (0); Frequency: 823.1 MHz;Duty Cycle: 1:1
Medium: HSL_835_180826 Medium parameters used: f = 823.1 MHz; σ = 0.918 S/m; ε_r = 41.926; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch684/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.608 W/kg

Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.693 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.771 W/kg
SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.429 W/kg
Maximum value of SAR (measured) = 0.669 W/kg



0 dB = 0.608 W/kg

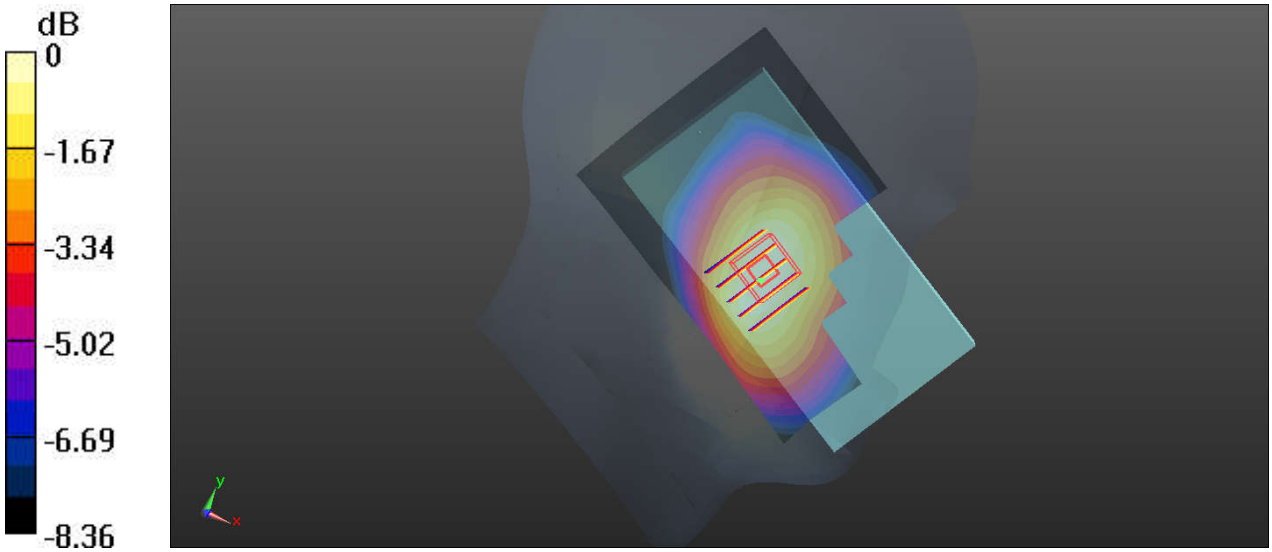
07_CDMA2000 BC0_RC3 SO55_Left Cheek_Ch384

Communication System: UID 0, CDMA2000 (0); Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: HSL_835_180826 Medium parameters used: f = 836.52 MHz; σ = 0.93 S/m; ε_r = 41.777; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch384/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.634 W/kg

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.727 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.683 W/kg
SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.436 W/kg
Maximum value of SAR (measured) = 0.631 W/kg



0 dB = 0.631 W/kg

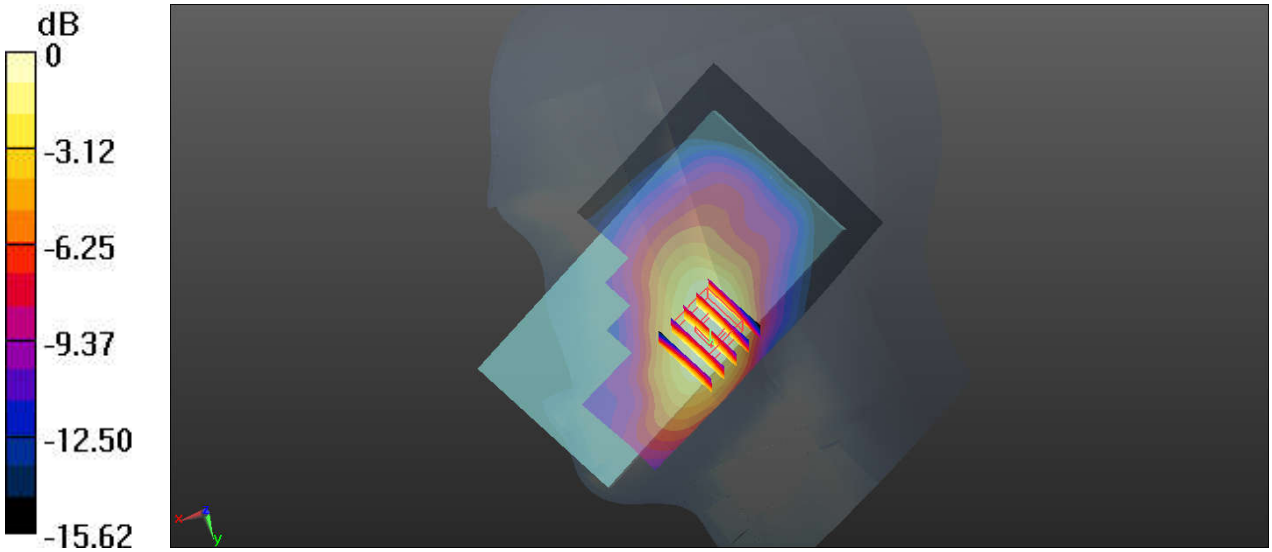
08_CDMA2000 BC1_RC3 SO55_Right Cheek_Ch600

Communication System: UID 0, CDMA2000 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180826 Medium parameters used: f = 1880 MHz; σ = 1.435 S/m; ε_r = 40.161; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.13, 8.13, 8.13); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch600/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.923 W/kg

Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.715 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.468 W/kg
Maximum value of SAR (measured) = 0.865 W/kg



0 dB = 0.923 W/kg

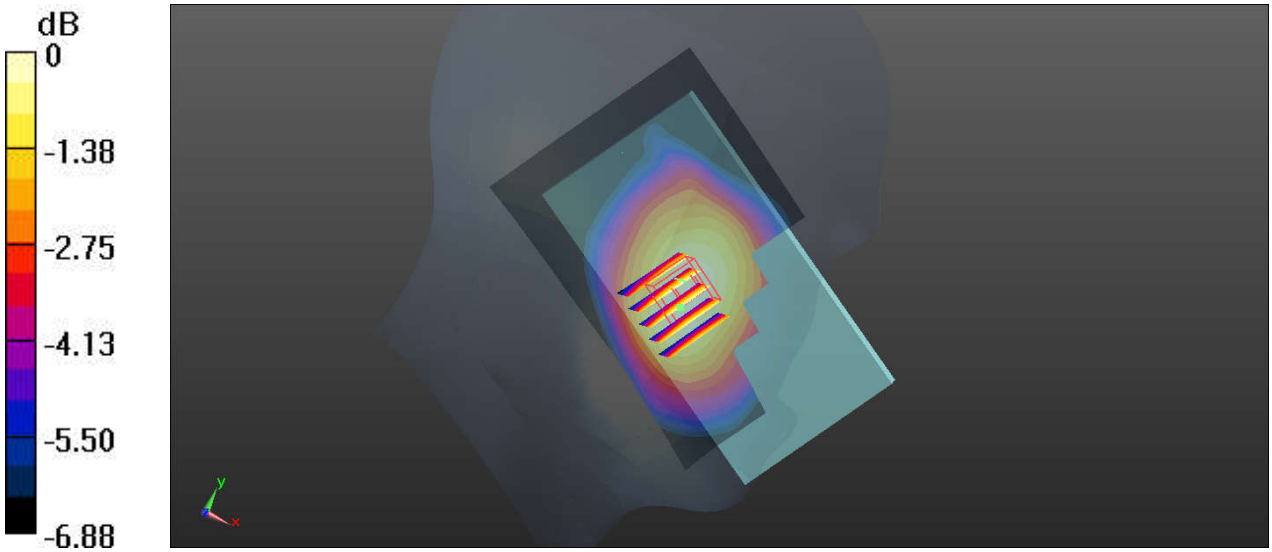
09_LTE Band 12_10M_QPSK_1RB_49Offset_Left Cheek_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750_180826 Medium parameters used: f = 707.5 MHz; σ = 0.865 S/m; ε_r = 41.644; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(10.06, 10.06, 10.06); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23095/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.182 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.588 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.195 W/kg
SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.134 W/kg
Maximum value of SAR (measured) = 0.182 W/kg



0 dB = 0.182 W/kg

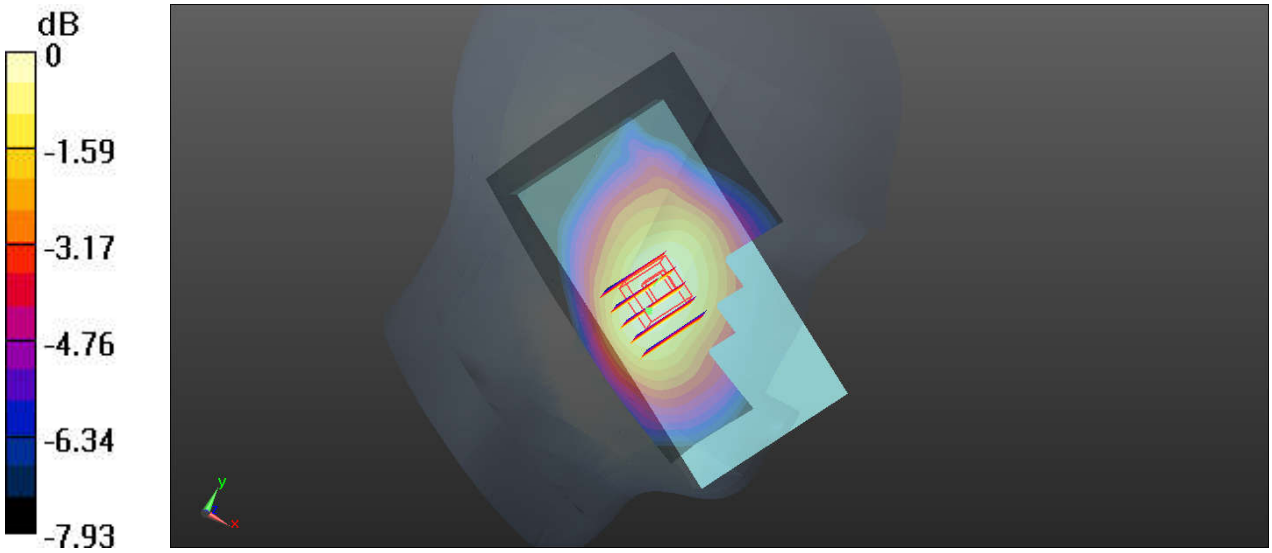
10_LTE Band 13_10M_QPSK_1RB_0Offset_Left Cheek_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750_180826 Medium parameters used: f = 782 MHz; σ = 0.909 S/m; ε_r = 40.08; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(10.06, 10.06, 10.06); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23230/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.461 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.089 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.512 W/kg
SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.332 W/kg
Maximum value of SAR (measured) = 0.475 W/kg



0 dB = 0.461 W/kg

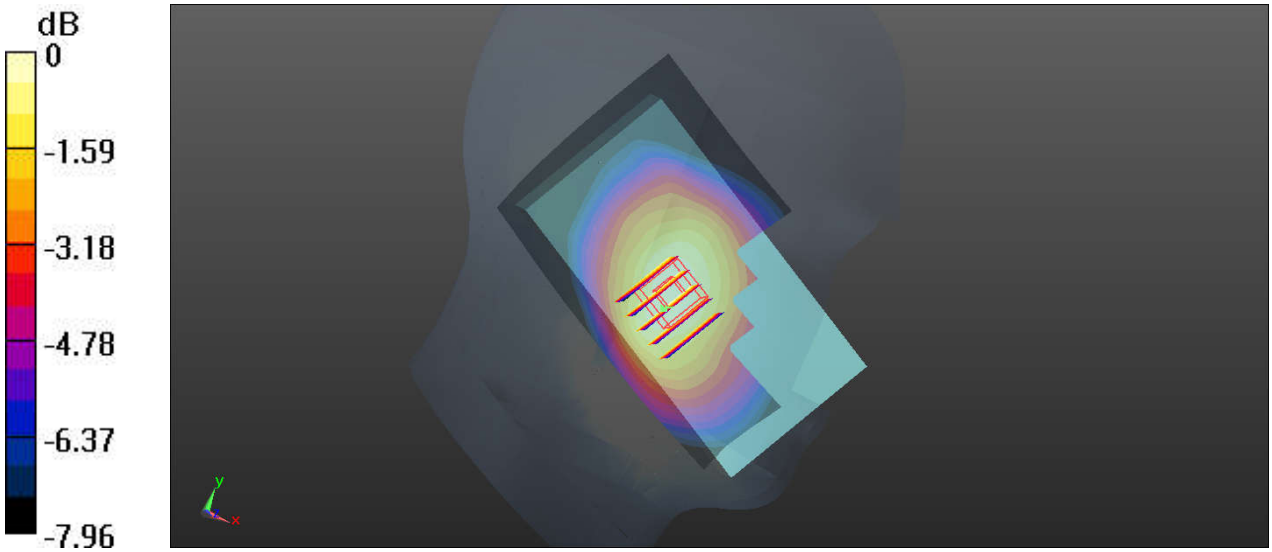
11_LTE Band 14_10M_QPSK_1RB_25Offset_Left Cheek_Ch23330

Communication System: UID 0, LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL_750_180826 Medium parameters used: f = 793 MHz; σ = 0.931 S/m; ε_r = 40.219; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(10.06, 10.06, 10.06); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23330/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.530 W/kg

Ch23330/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.430 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.581 W/kg
SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.378 W/kg
Maximum value of SAR (measured) = 0.534 W/kg



0 dB = 0.530 W/kg

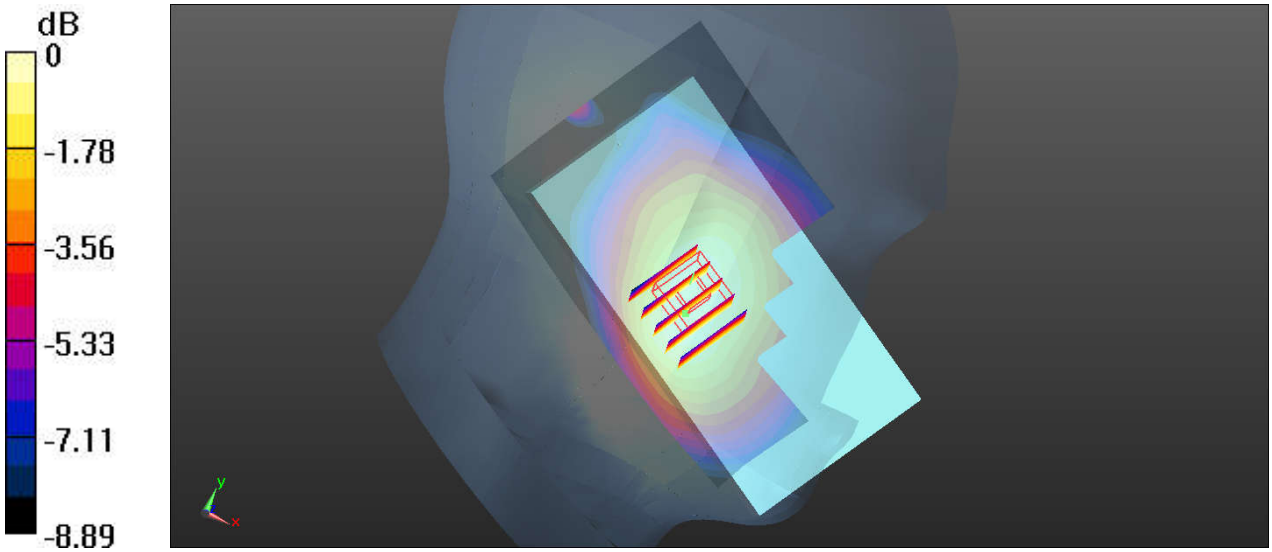
12_LTE Band 26_15M_QPSK_1RB_0Offset_Left Cheek_Ch26865

Communication System: UID 0, LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_180826 Medium parameters used: f = 831.5 MHz; σ = 0.926 S/m; ε_r = 41.832; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26865/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.567 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.337 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.625 W/kg
SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.395 W/kg
Maximum value of SAR (measured) = 0.573 W/kg



0 dB = 0.567 W/kg

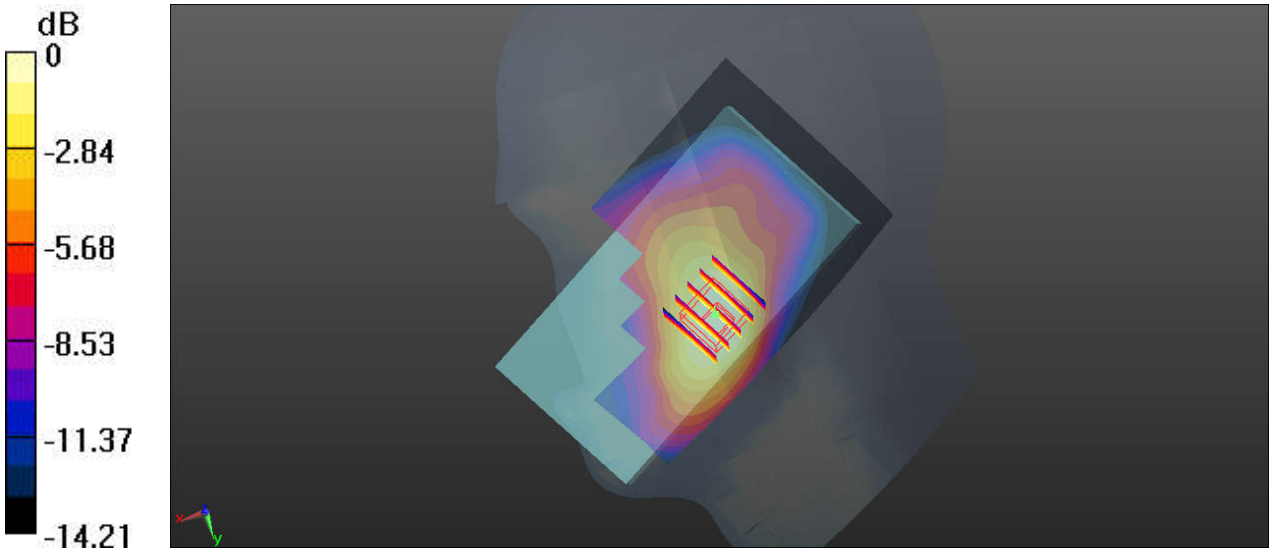
13_LTE Band 66_20M_QPSK_1RB_49Offset_Right Cheek_Ch132572

Communication System: UID 0, LTE (0); Frequency: 1770 MHz;Duty Cycle: 1:1
Medium: HSL_1750_180826 Medium parameters used: f = 1770 MHz; σ = 1.406 S/m; ε_r = 41.46; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.37, 8.37, 8.37); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132572/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.754 W/kg

Ch132572/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.597 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.865 W/kg
SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.406 W/kg
Maximum value of SAR (measured) = 0.732 W/kg



0 dB = 0.754 W/kg

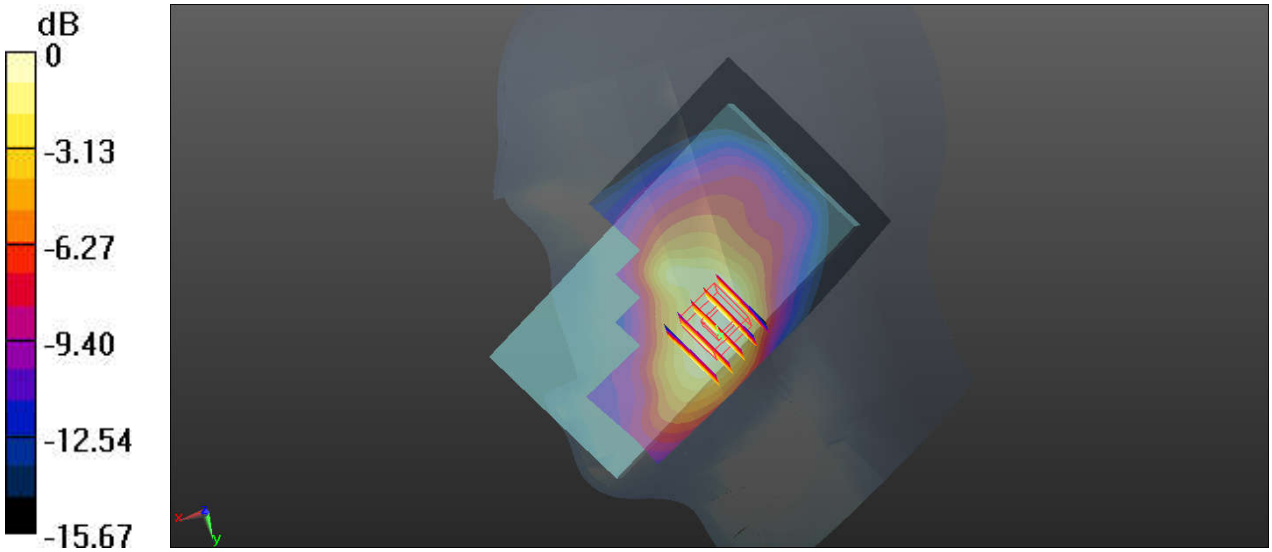
14_LTE Band 25_20M_QPSK_1RB_0Offset_Right Cheek_Ch26140

Communication System: UID 0, LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_180826 Medium parameters used: f = 1860 MHz; σ = 1.414 S/m; ε_r = 40.253; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(8.13, 8.13, 8.13); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26140/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.978 W/kg

Ch26140/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.476 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.503 W/kg
Maximum value of SAR (measured) = 0.924 W/kg



0 dB = 0.924 W/kg

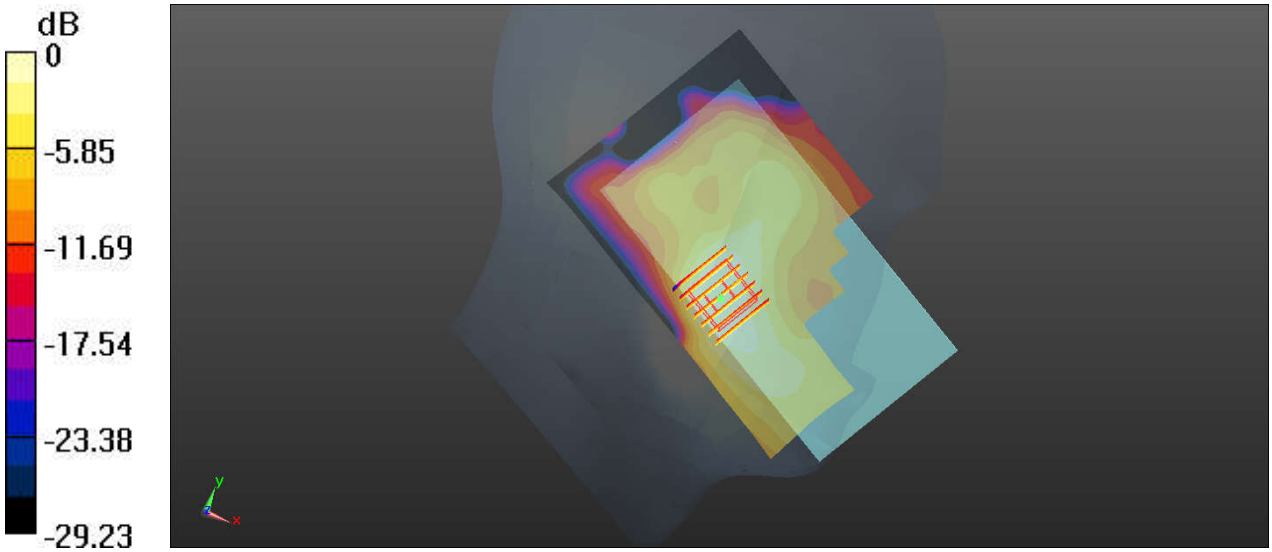
15_LTE Band 7_20M_QPSK_1RB_99Offset_Left Cheek_Ch21100

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600_180828 Medium parameters used: f = 2535 MHz; σ = 1.924 S/m; ε_r = 38.58; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.279 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.340 W/kg
SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.104 W/kg
Maximum value of SAR (measured) = 0.262 W/kg



0 dB = 0.262 W/kg

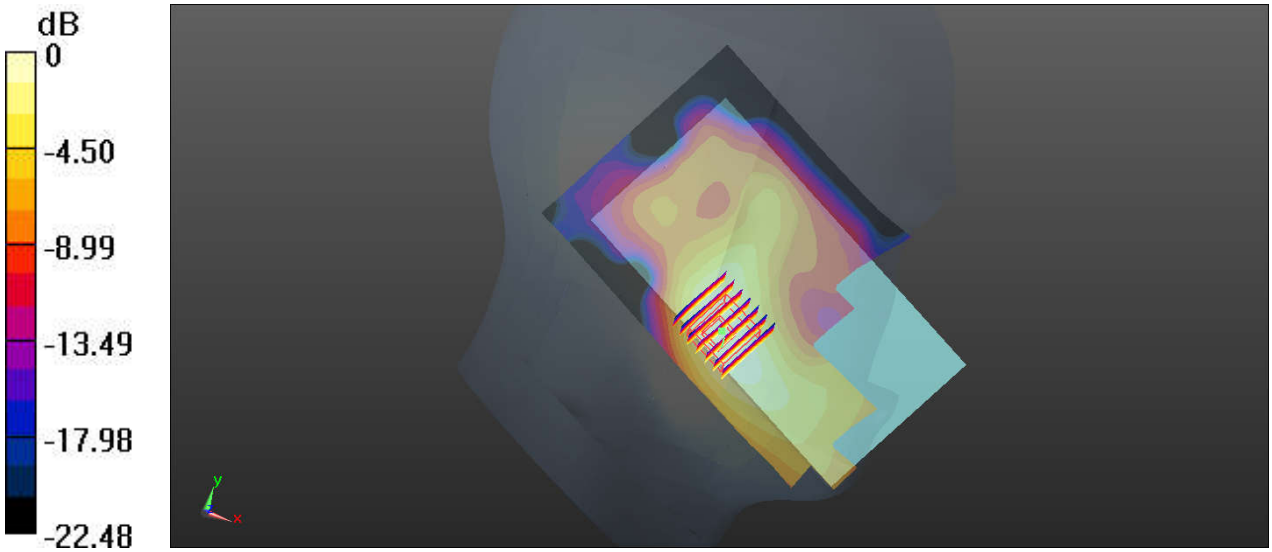
16_LTE Band 41_20M_QPSK_1RB_0Offset_Left Cheek_Ch40620

Communication System: UID 0, LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600_180828 Medium parameters used: f = 2593 MHz; σ = 1.973 S/m; ε_r = 38.288; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40620/Area Scan (91x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.295 W/kg

Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.6420 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.400 W/kg
SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.116 W/kg
Maximum value of SAR (measured) = 0.300 W/kg



0 dB = 0.295 W/kg

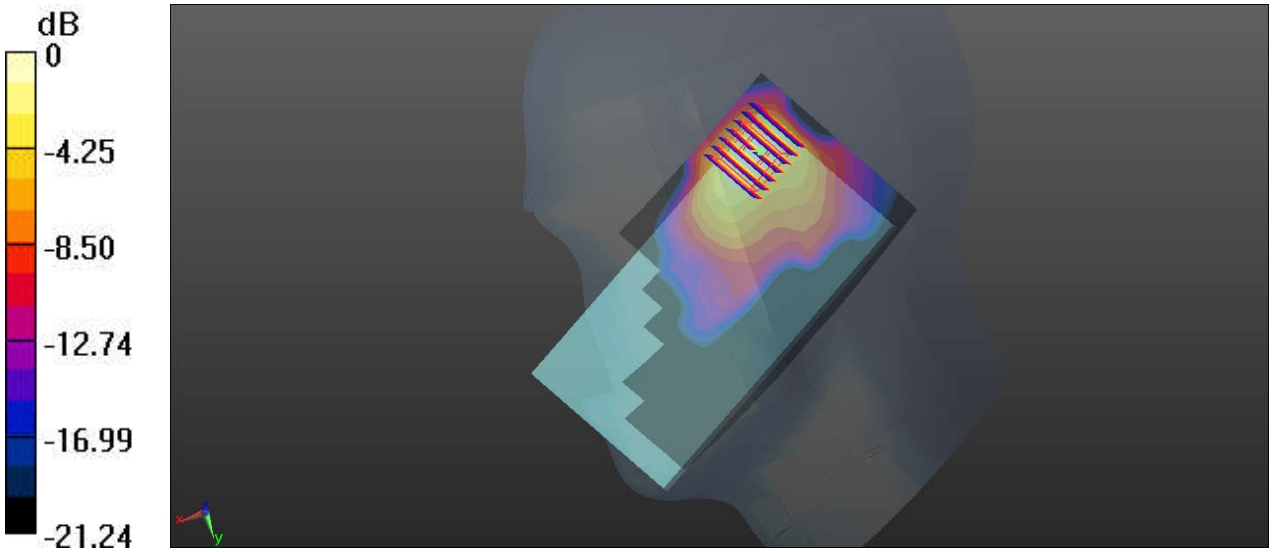
17_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch1

Communication System: UID 0, WIFI (0); Frequency: 2412 MHz;Duty Cycle: 1:1.011
Medium: HSL_2450_180828 Medium parameters used: f = 2412 MHz; σ = 1.785 S/m; ε_r = 38.102; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (81x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.515 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.488 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.710 W/kg
SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.149 W/kg
Maximum value of SAR (measured) = 0.490 W/kg



0 dB = 0.515 W/kg

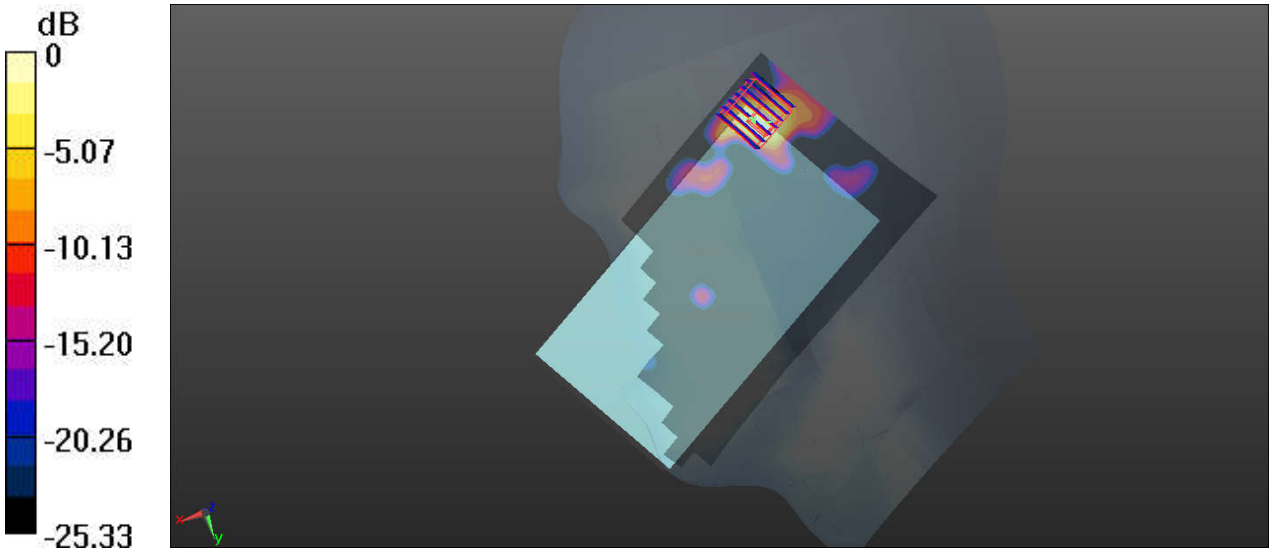
18_WLAN5.3GHz_802.11a 6Mbps_Right Cheek_Ch60

Communication System: UID 0, WIFI (0); Frequency: 5300 MHz;Duty Cycle: 1:1.053
Medium: HSL_5250_180825 Medium parameters used: f = 5300 MHz; σ = 4.819 S/m; ε_r = 36.839; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(5.15, 5.15, 5.15); Calibrated: 2018.01.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch60/Area Scan (101x171x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.83 W/kg

Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.410 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.39 W/kg
SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.162 W/kg
Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.83 W/kg

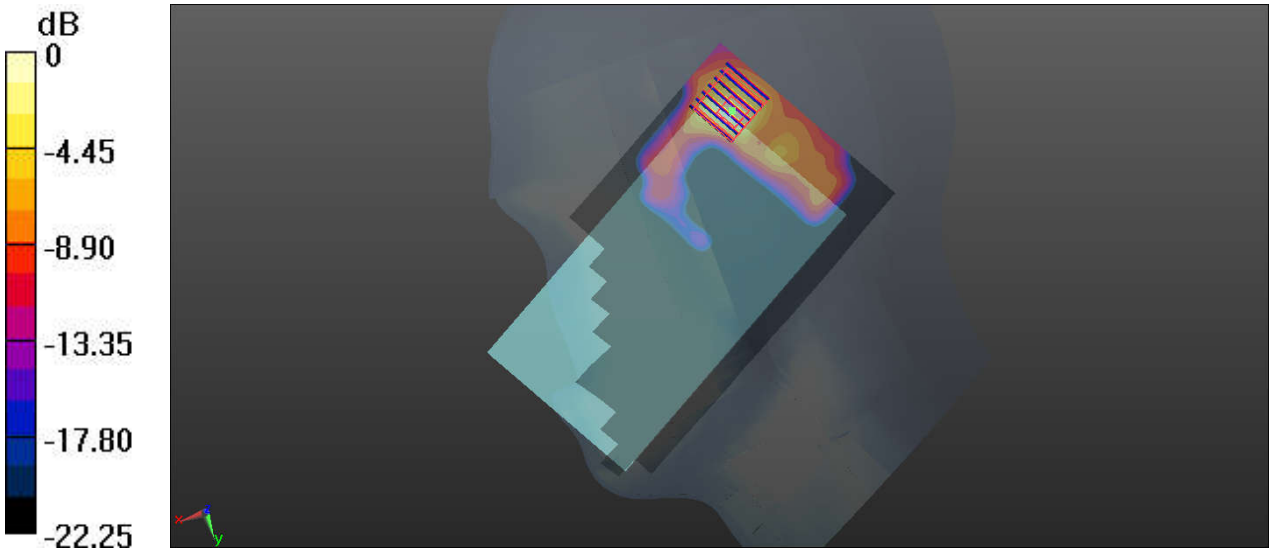
19_WLAN5.5GHz_802.11a 6Mbps_Right Cheek_Ch100

Communication System: UID 0, WIFI (0); Frequency: 5500 MHz;Duty Cycle: 1:1.053
Medium: HSL_5600_180825 Medium parameters used: f = 5500 MHz; σ = 5.075 S/m; ε_r = 36.416; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.78, 4.78, 4.78); Calibrated: 2018.01.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch100/Area Scan (101x171x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.24 W/kg

Ch100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.681 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.24 W/kg
SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.173 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.24 W/kg

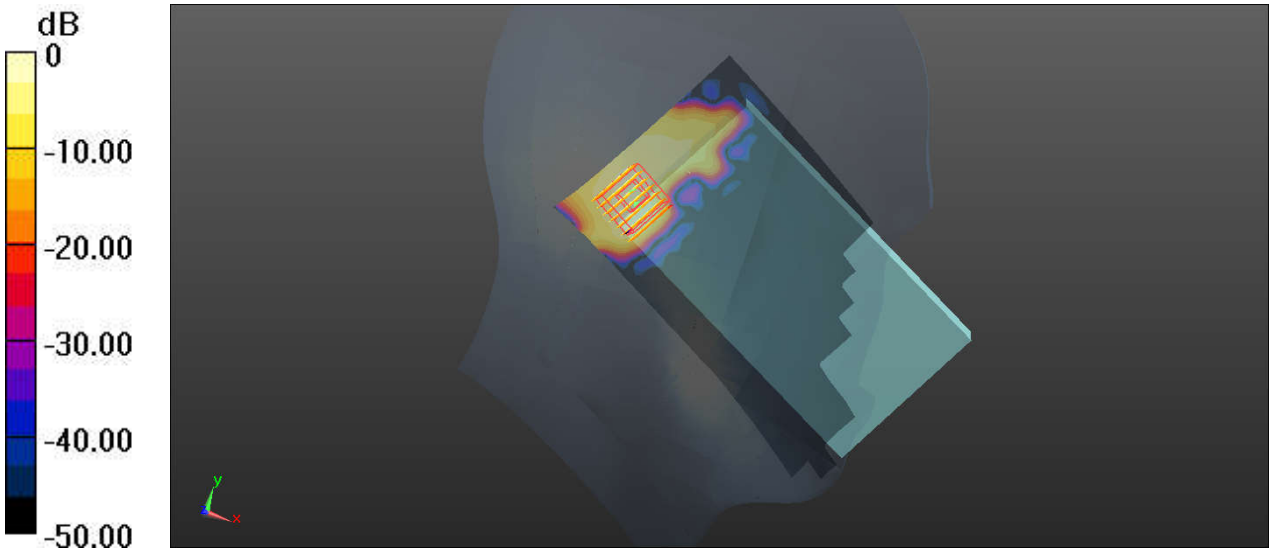
20_WLAN5.8GHz_802.11a 6Mbps_Left Tilted_Ch149

Communication System: UID 0, WIFI (0); Frequency: 5745 MHz;Duty Cycle: 1:1.053
Medium: HSL_5750_180825 Medium parameters used: f = 5745 MHz; σ = 5.164 S/m; ε_r = 35.837; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.8, 4.8, 4.8); Calibrated: 2018.01.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch149/Area Scan (101x171x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.710 W/kg

Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.924 W/kg
SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.107 W/kg
Maximum value of SAR (measured) = 0.612 W/kg



0 dB = 0.710 W/kg

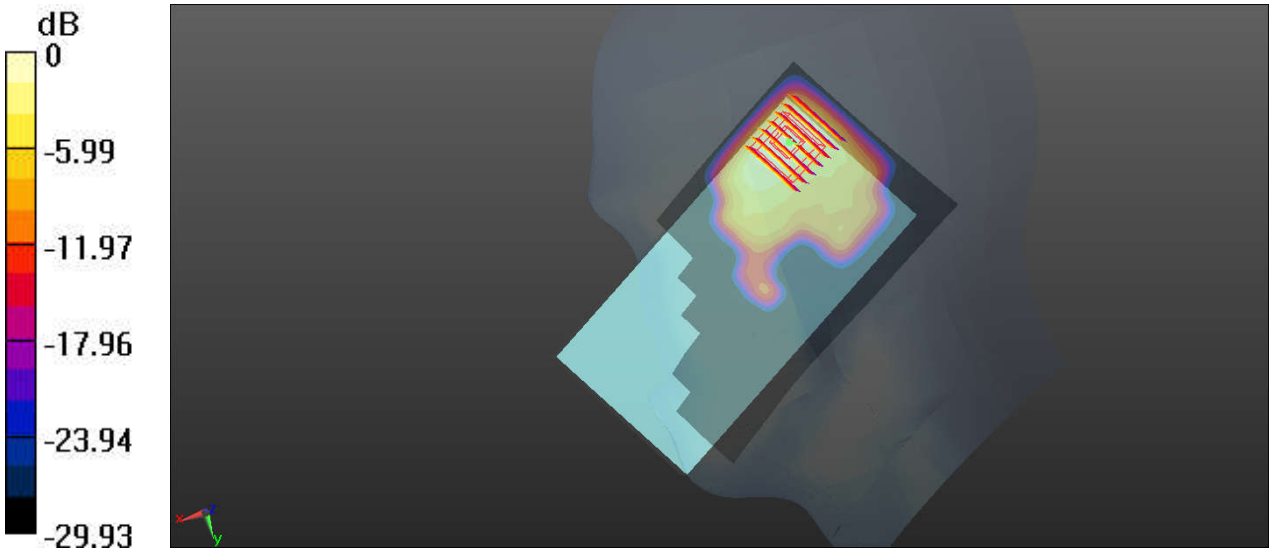
21_Bluetooth_DH5 1Mbps_Right Cheek_Ch78

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz;Duty Cycle: 1:1.304
Medium: HSL_2450_180828 Medium parameters used: f = 2480 MHz; σ = 1.863 S/m; ε_r = 37.794; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch78/Area Scan (81x151x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.135 W/kg

Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.303 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.185 W/kg
SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.128 W/kg



0 dB = 0.135 W/kg

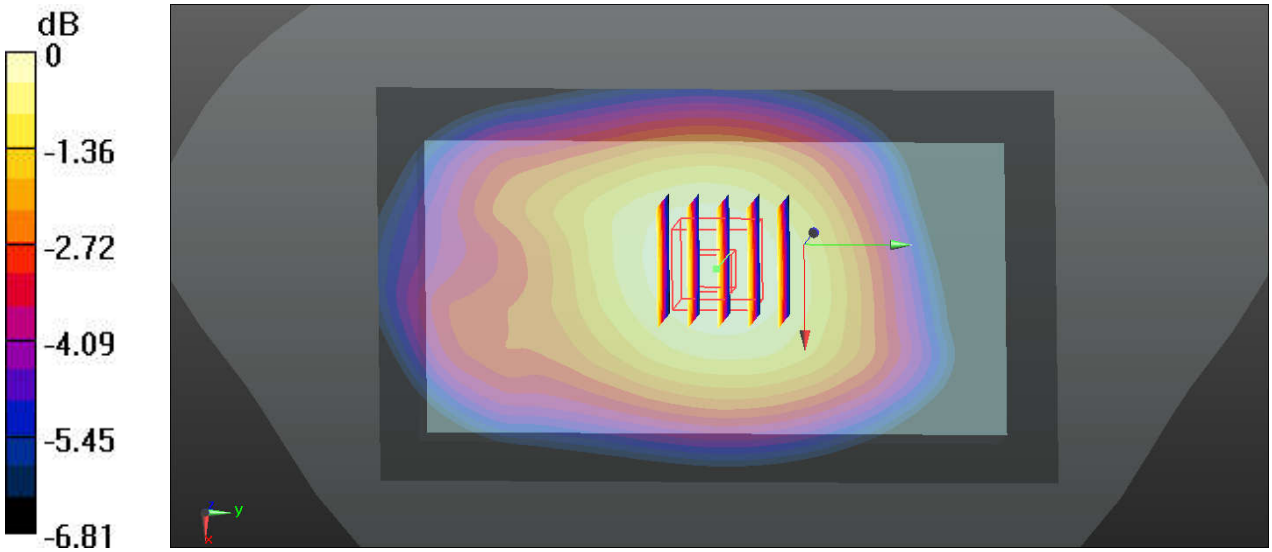
22_GSM850_GPRS(3 Tx slots)_Front_10mm_Ch128

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_180829 Medium parameters used: f = 824.2 MHz; σ = 0.965 S/m; ε_r = 54.56; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch128/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.398 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.708 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.02 W/kg

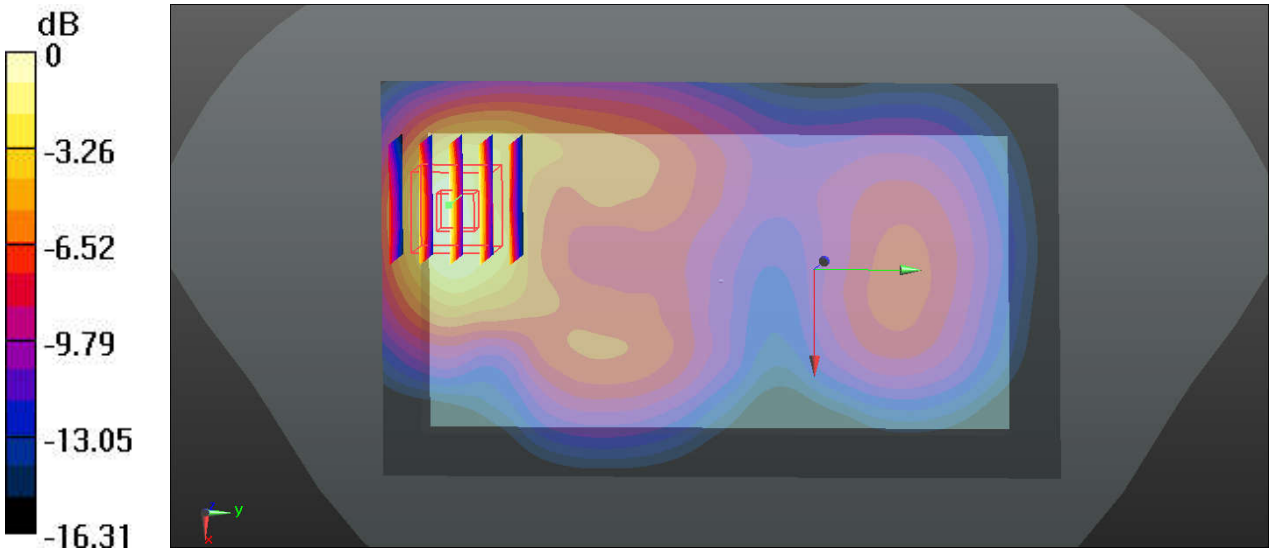
23_GSM1900_GPRS(3 Tx slots)s_Back_10mm_Ch661

Communication System: UID 0, GPRS/EDGE11 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_180901 Medium parameters used: f = 1880 MHz; σ = 1.52 S/m; ε_r = 52.589; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.69, 7.69, 7.69); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.957 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.033 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.416 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 0.957 W/kg

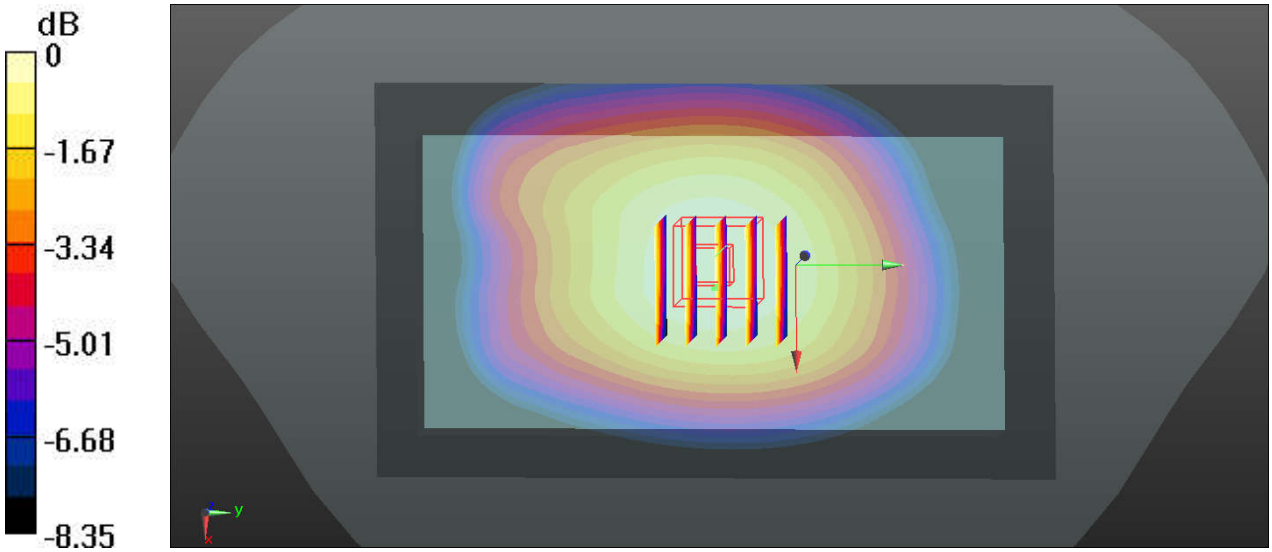
24_WCDMA Band V_RMC 12.2Kbps_Back_10mm_Ch4132

Communication System: UID 0, UMTS (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_180829 Medium parameters used: f = 826.4 MHz; σ = 0.967 S/m; ε_r = 54.537; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4132/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.634 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.340 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.694 W/kg
SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.429 W/kg
Maximum value of SAR (measured) = 0.633 W/kg



0 dB = 0.634 W/kg

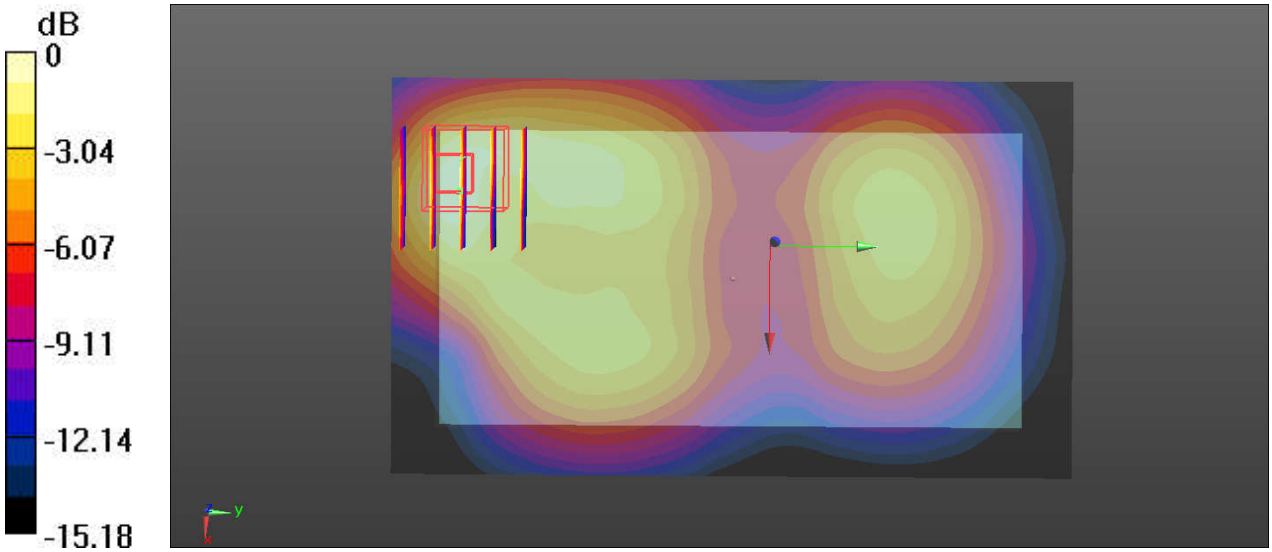
25_WCDMA Band IV_RMC 12.2Kbps_Back_10mm_Ch1513

Communication System: UID 0, UMTS (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_180901 Medium parameters used: f = 1752.6 MHz; σ = 1.518 S/m; ε_r = 55.243;ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.93, 7.93, 7.93); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1513/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.812 W/kg

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.440 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.959 W/kg
SAR(1 g) = 0.581 W/kg; SAR(10 g) = 0.330 W/kg
Maximum value of SAR (measured) = 0.763 W/kg



0 dB = 0.763 W/kg

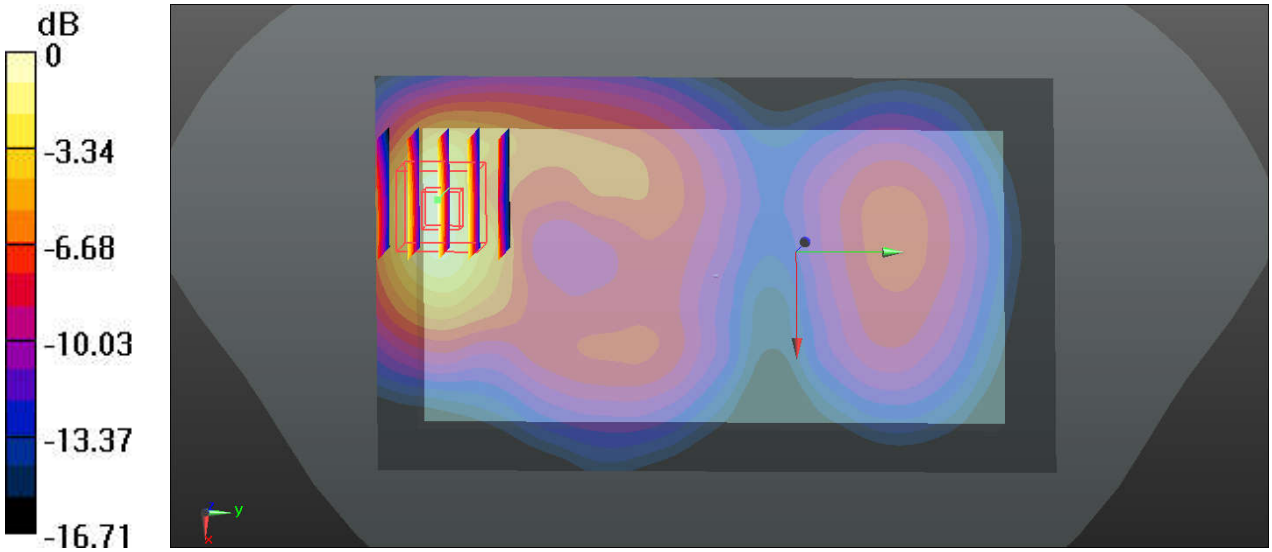
26_WCDMA Band II_RMC 12.2Kbps_Back_10mm_Ch9538

Communication System: UID 0, UMTS (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180901 Medium parameters used: f = 1907.6 MHz; σ = 1.552 S/m; ε_r = 52.497;ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.69, 7.69, 7.69); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9538/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.398 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.496 W/kg
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.19 W/kg

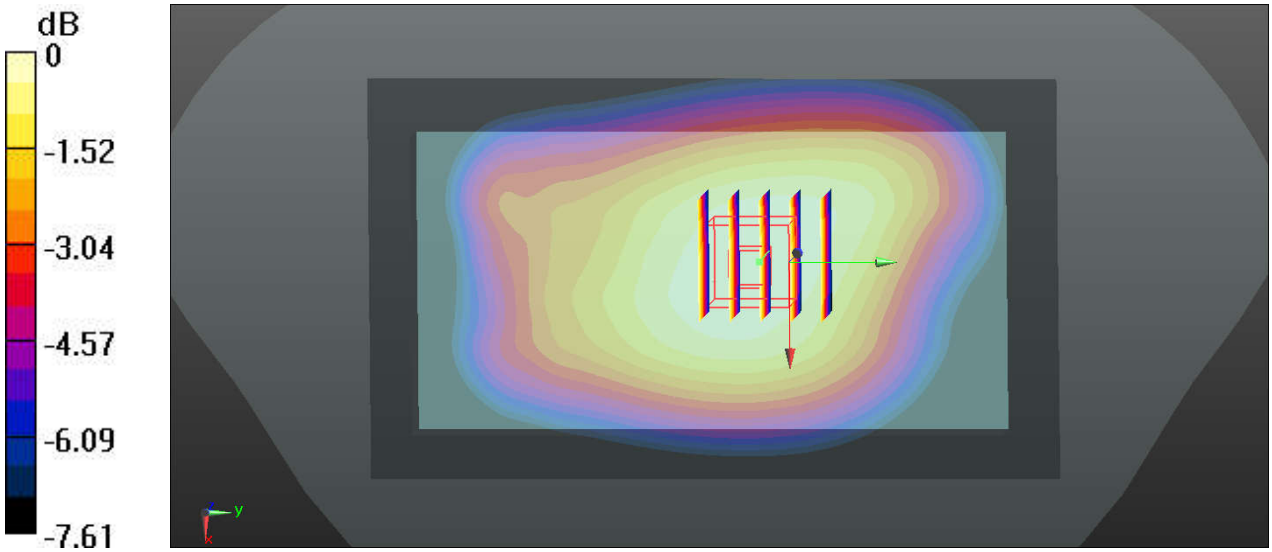
27_CDMA2000 BC10_RTAP 153.6Kbps_Back_10mm_Ch684

Communication System: UID 0, CDMA2000 (0); Frequency: 823.1 MHz;Duty Cycle: 1:1
Medium: MSL_835_180829 Medium parameters used: f = 823.1 MHz; σ = 0.963 S/m; ε_r = 54.576; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch684/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.664 W/kg

Ch684/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.345 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.724 W/kg
SAR(1 g) = 0.581 W/kg; SAR(10 g) = 0.450 W/kg
Maximum value of SAR (measured) = 0.663 W/kg



0 dB = 0.664 W/kg

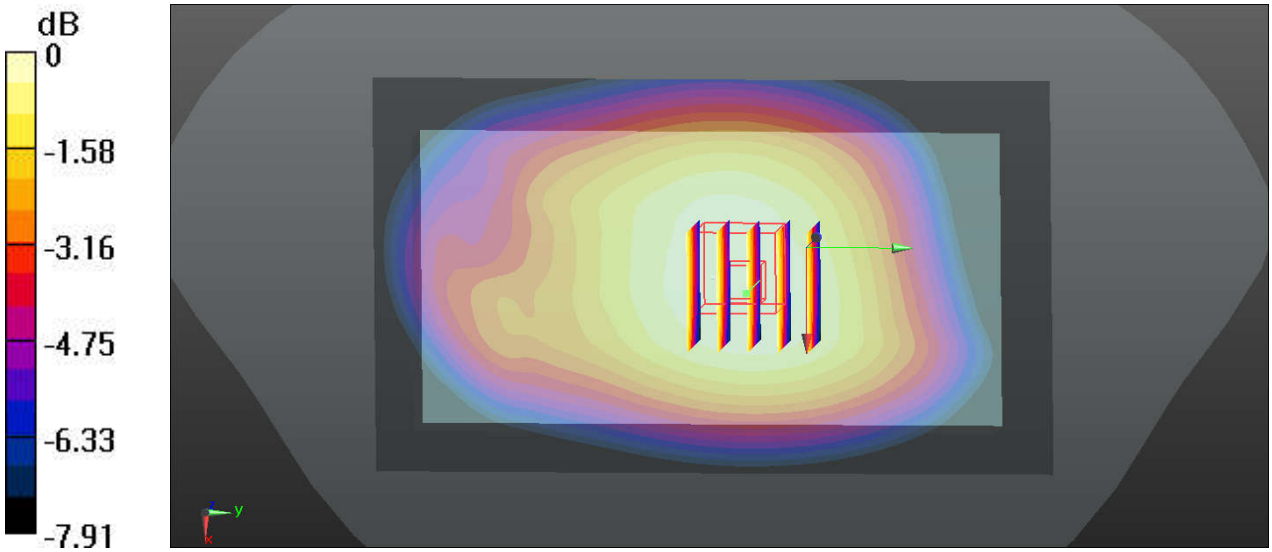
28_CDMA2000 BC0_RTAP 153.6Kbps_Front_10mm_Ch384

Communication System: UID 0, CDMA2000 (0); Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_835_180829 Medium parameters used: f = 836.52 MHz; σ = 0.979 S/m; ε_r = 54.423; ρ= 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch384/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.545 W/kg

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.548 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.595 W/kg
SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.368 W/kg
Maximum value of SAR (measured) = 0.543 W/kg



0 dB = 0.545 W/kg

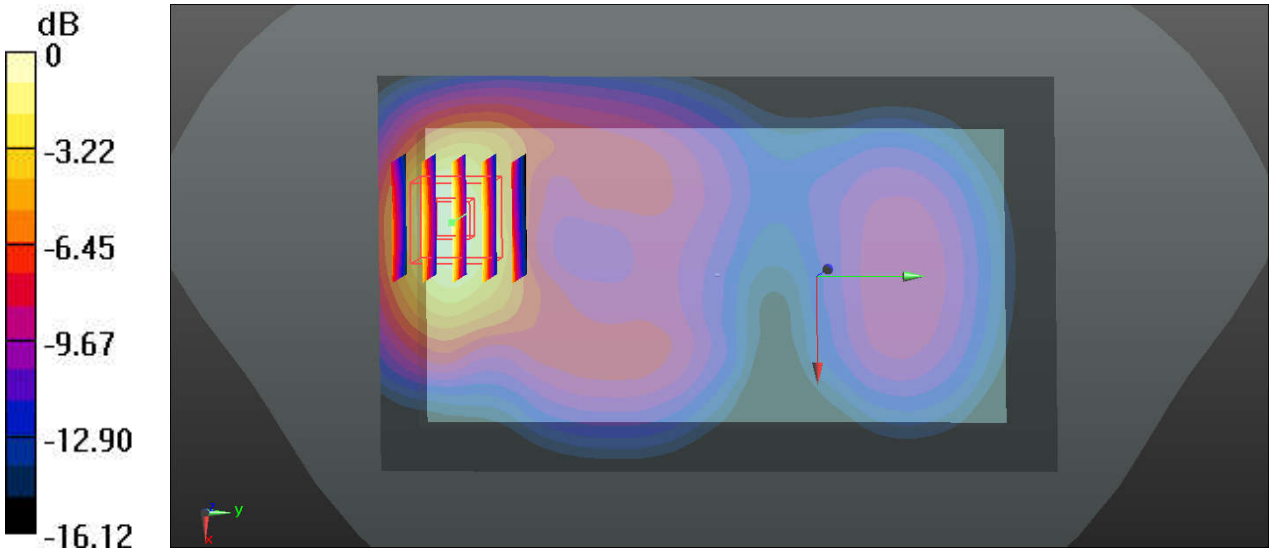
29_CDMA2000 BC1_RTAP 153.6Kbps_Back_10mm_Ch1175

Communication System: UID 0, CDMA2000 (0); Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_180901 Medium parameters used: f = 1908.75 MHz; σ = 1.553 S/m; ε_r = 52.495;ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.69, 7.69, 7.69); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1175/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.887 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.917 W/kg; SAR(10 g) = 0.496 W/kg
Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.15 W/kg

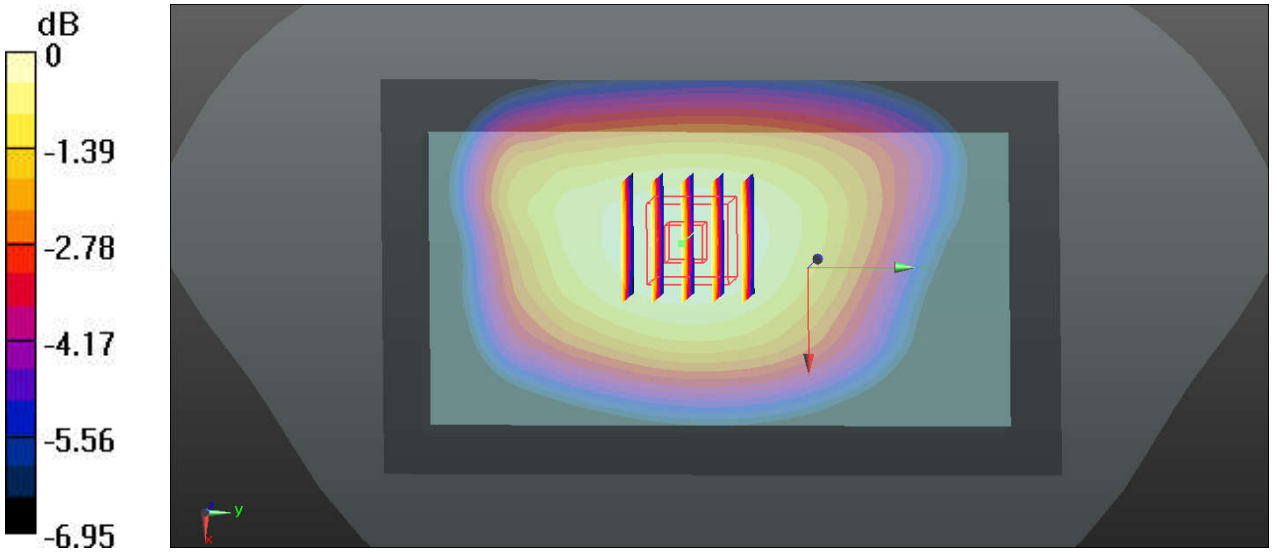
30_LTE Band 12_10M_QPSK_1RB_49Offset_Back_10mm_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: MSL_750_180829 Medium parameters used: f = 707.5 MHz; σ = 0.941 S/m; ε_r = 55.606; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.7, 9.7, 9.7); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23095/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.401 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.683 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.431 W/kg
SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.280 W/kg
Maximum value of SAR (measured) = 0.400 W/kg



0 dB = 0.401 W/kg

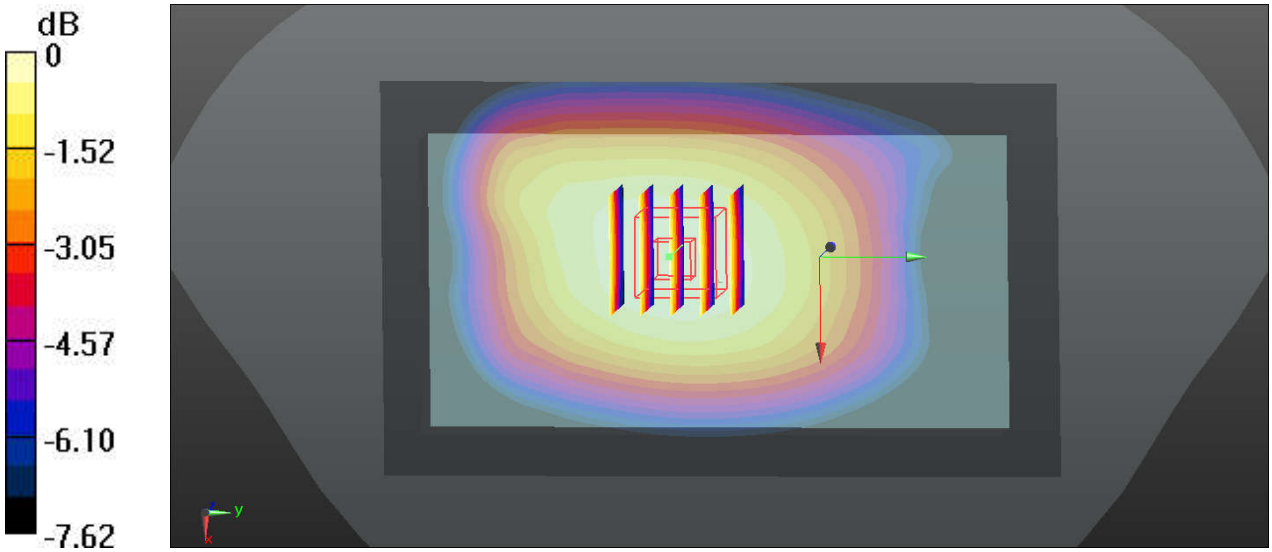
31_LTE Band 13_10M_QPSK_1RB_0Offset_Back_10mm_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_180829 Medium parameters used: f = 782 MHz; σ = 0.996 S/m; ε_r = 53.964; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.7, 9.7, 9.7); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23230/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.606 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.734 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.657 W/kg
SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.413 W/kg
Maximum value of SAR (measured) = 0.603 W/kg



0 dB = 0.606 W/kg

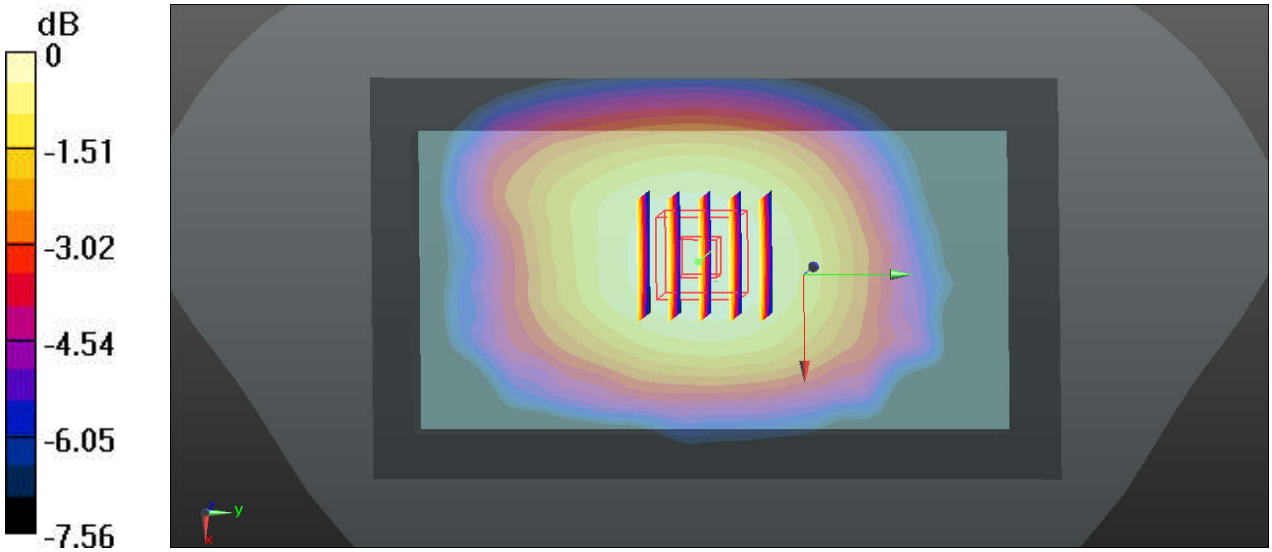
32_LTE Band 14_10M_QPSK_1RB_25Offset_Back_10mm_Ch23330

Communication System: UID 0, LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium: MSL_750_180829 Medium parameters used: f = 793 MHz; σ = 1.01 S/m; ε_r = 53.769; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.7, 9.7, 9.7); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23330/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.707 W/kg

Ch23330/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.602 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.769 W/kg
SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.483 W/kg
Maximum value of SAR (measured) = 0.707 W/kg



0 dB = 0.707 W/kg

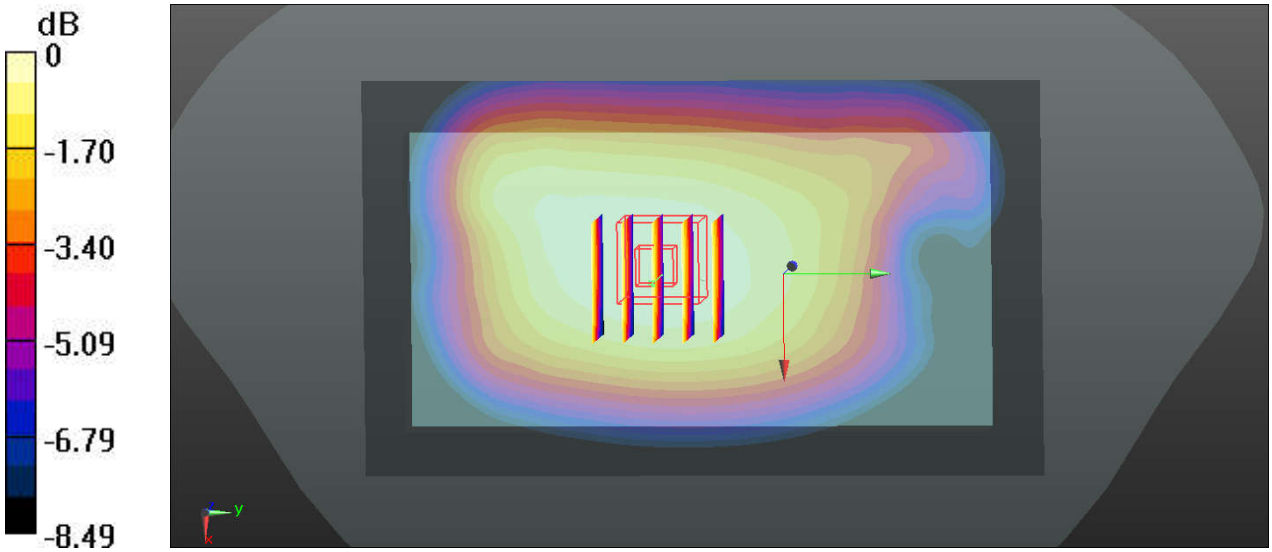
33_LTE Band 26_15M_QPSK_1RB_0Offset_Back_10mm_Ch26865

Communication System: UID 0, LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_180829 Medium parameters used: f = 831.5 MHz; σ = 0.973 S/m; ε_r = 54.48; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.01.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2017.09.15
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26865/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.518 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.805 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.569 W/kg
SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.350 W/kg
Maximum value of SAR (measured) = 0.517 W/kg



0 dB = 0.518 W/kg