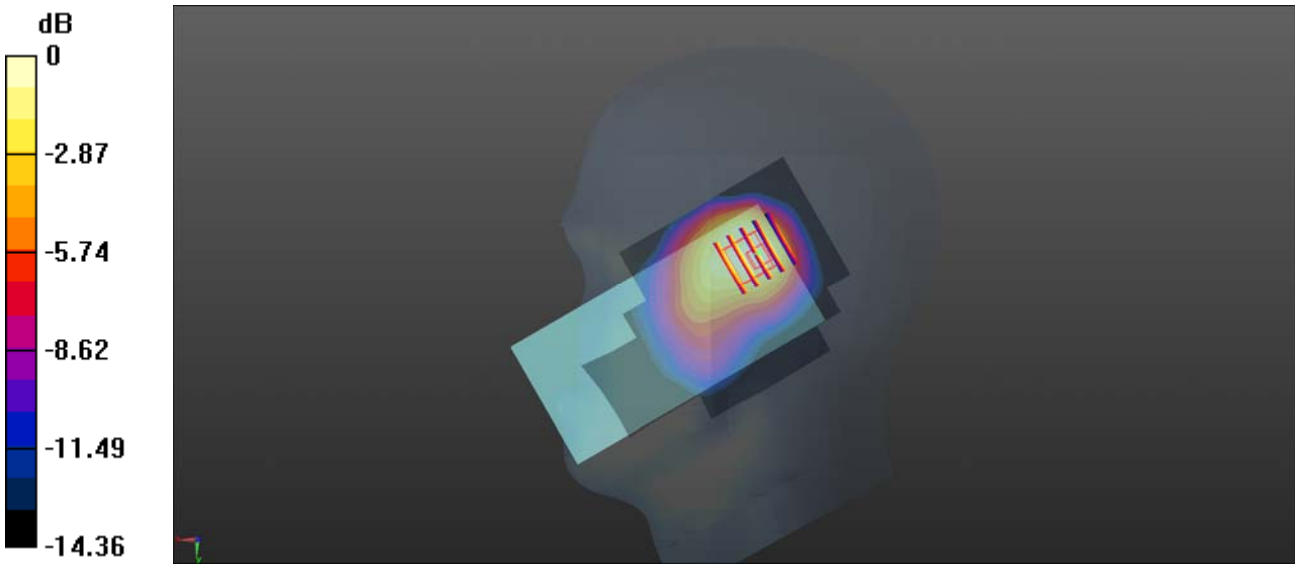
GSM850_GPRS(4TX slots)_Right Cheek_Ch128_Top Ant.

Communication System: UID 0, GSM850(class 12) (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_835_181203 Medium parameters used: f = 824.2 MHz; σ = 0.912 S/m; ε_r = 42.374; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch128/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.16 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.86 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.610 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg

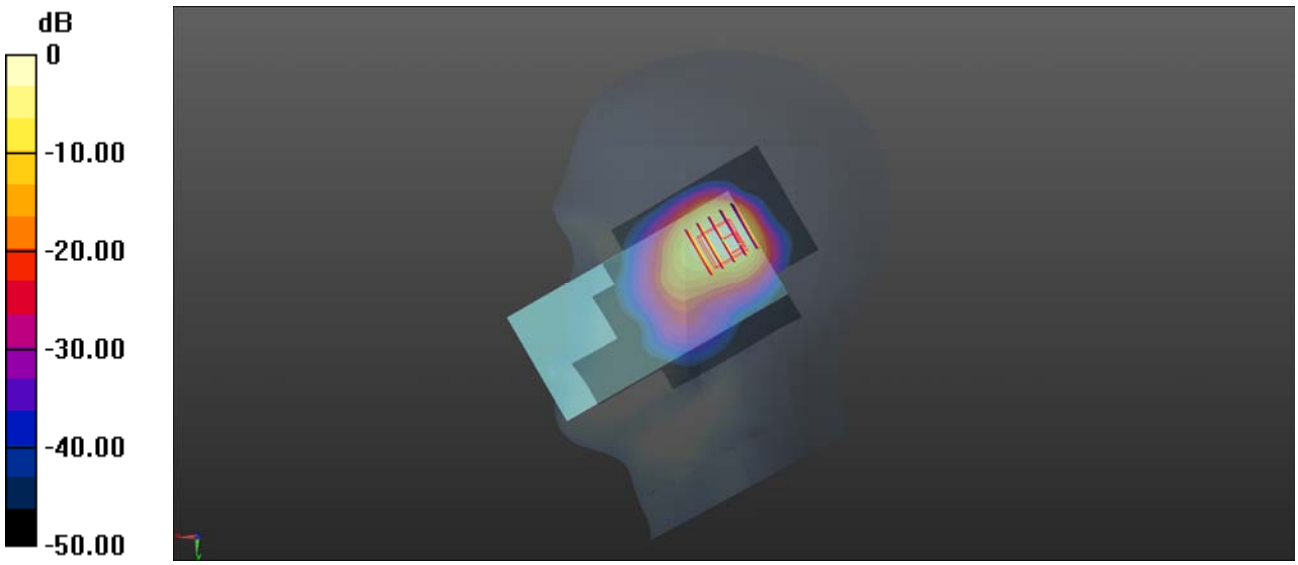
GSM1900_GPRS(4TX slots)_Right Cheek_Ch661_Top Ant.

Communication System: UID 0, PCS1900(class 12) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_181205 Medium parameters used: f = 1880 MHz; σ = 1.438 S/m; ε_r = 40.969; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.951 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.64 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.444 W/kg
Maximum value of SAR (measured) = 0.864 W/kg



0 dB = 0.951 W/kg

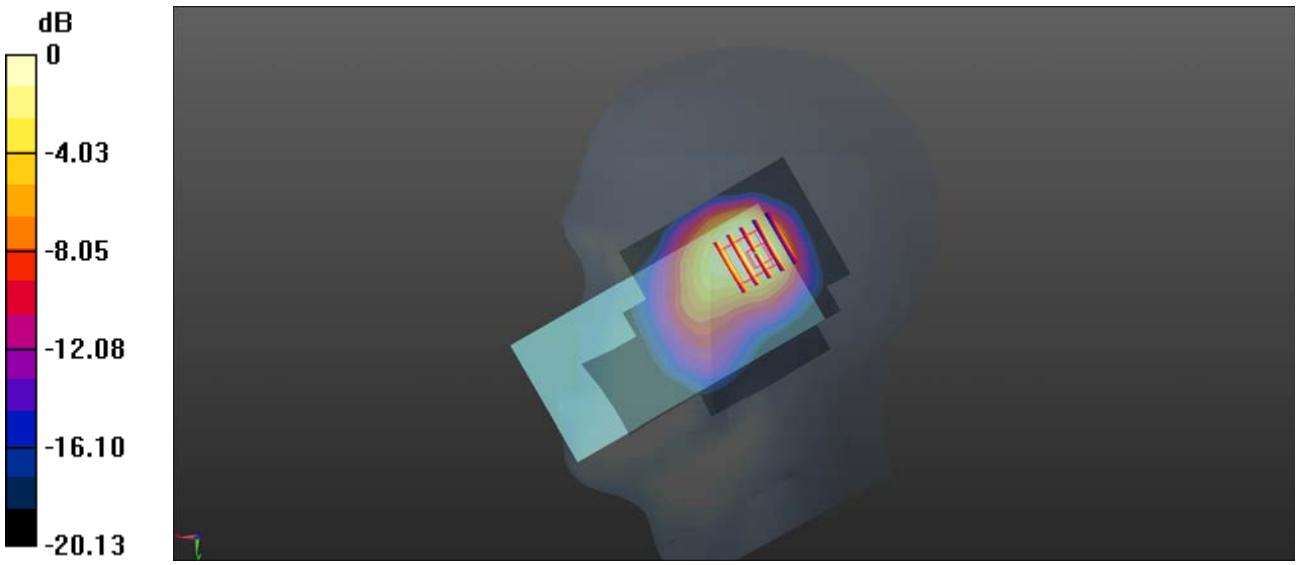
WCDMA Band II_RMC 12.2Kbps_Right Cheek_Ch9538_Top Ant.

Communication System: UID 0, UMTS-FDD (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_181205 Medium parameters used: f = 1908 MHz; σ = 1.468 S/m; ε_r = 40.869; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.10 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.553 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.15 W/kg

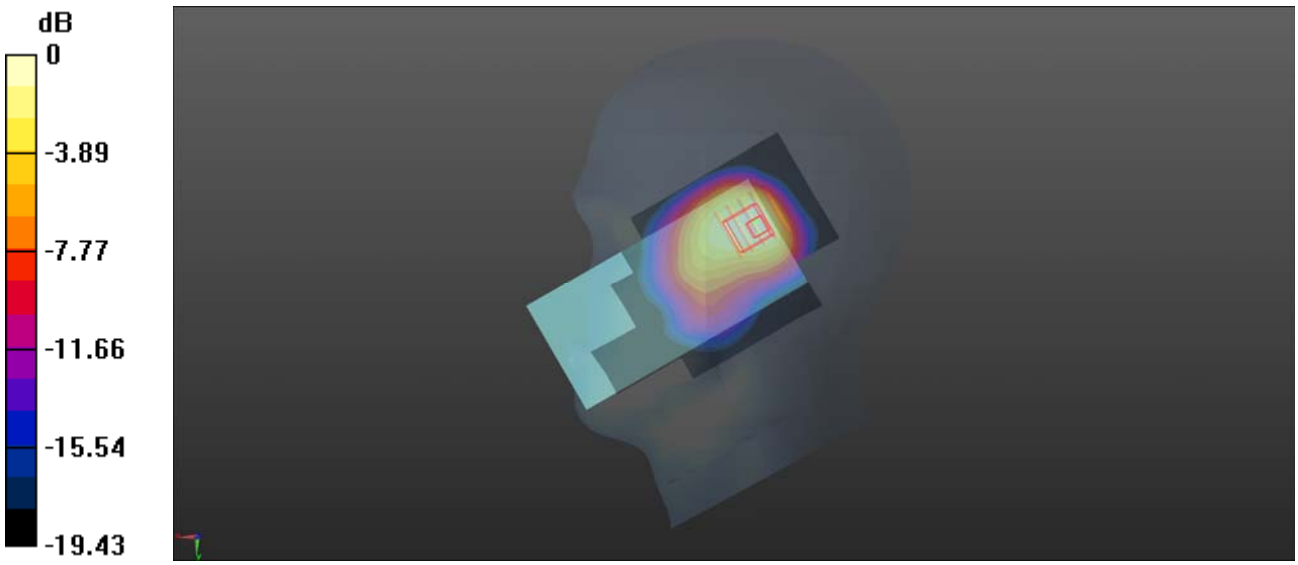
WCDMA Band IV_RMC 12.2Kbps_Right Cheek_Ch1513_Top Ant.

Communication System: UID 0, UMTS-FDD (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750_181205 Medium parameters used: f = 1753 MHz; σ = 1.38 S/m; ε_r = 41.343; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.98, 7.98, 7.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1513/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.22 W/kg

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.04 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.605 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg

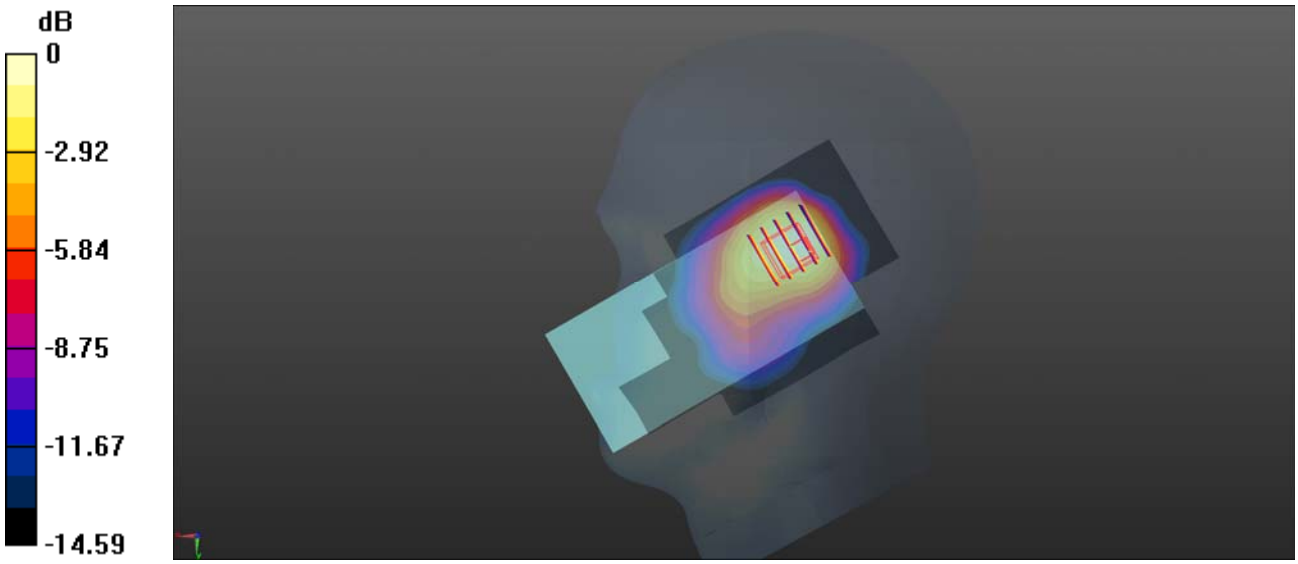
WCDMA Band V_RMC 12.2Kbps_Right Cheek_Ch4182_Top Ant.

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_181203 Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.924 S/m; ε_r = 42.26; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4182/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.36 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 0.956 W/kg; SAR(10 g) = 0.523 W/kg
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg

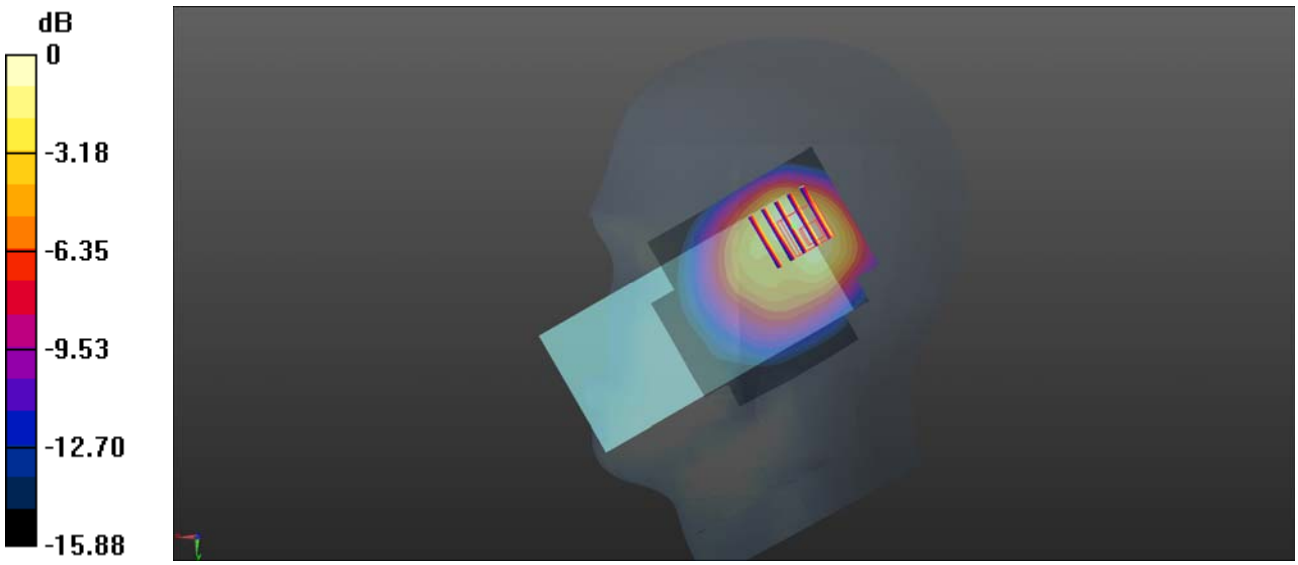
CDMA2000 BC0_RC3 SO55_Right Cheek_Ch1013_Top Ant.

Communication System: UID 0, CDMA 2000 (0); Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_835_181203 Medium parameters used: f = 825 MHz; σ = 0.913 S/m; ε_r = 42.366; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1013/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.724 W/kg

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.56 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.355 W/kg
Maximum value of SAR (measured) = 0.740 W/kg



0 dB = 0.724 W/kg

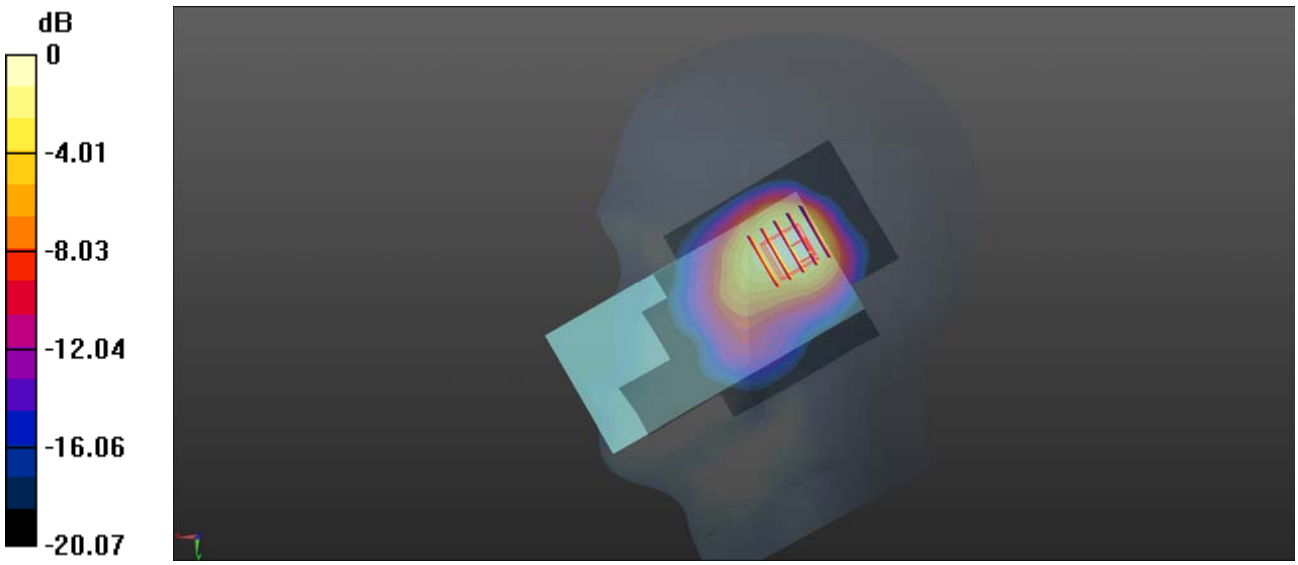
LTE Band 2_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch19100_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_181205 Medium parameters used: f = 1900 MHz; σ = 1.46 S/m; ε_r = 40.899; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch19100/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.06 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.986 W/kg; SAR(10 g) = 0.556 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.12 W/kg

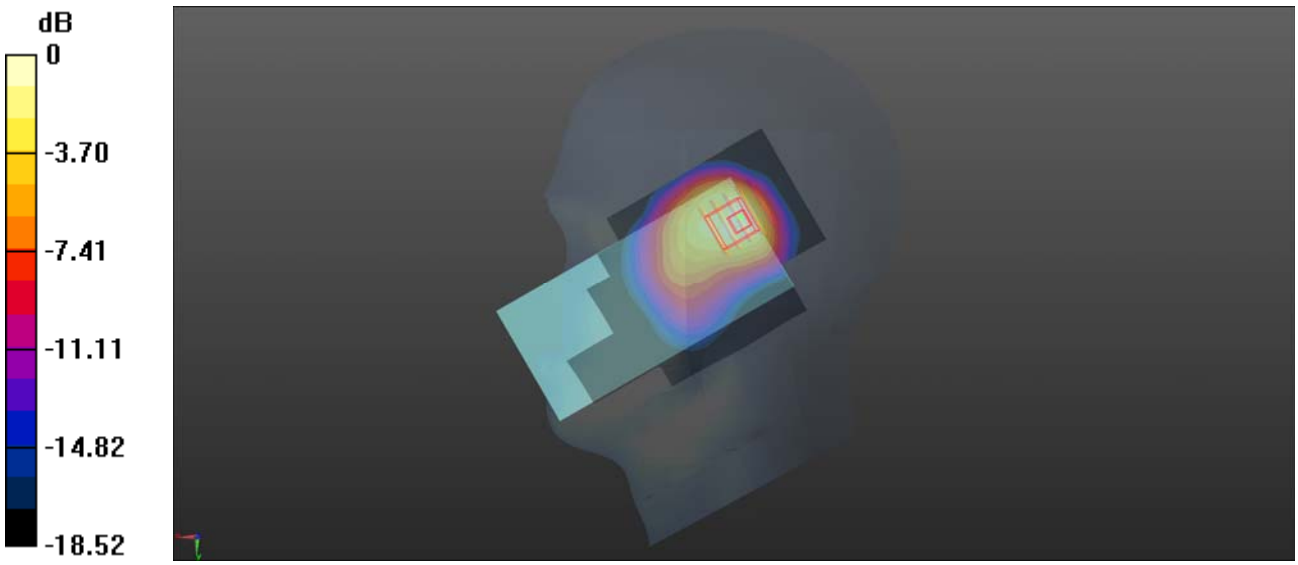
LTE Band 4_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch20300_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750_181205 Medium parameters used: f = 1745 MHz; σ = 1.372 S/m; ε_r = 41.386; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.98, 7.98, 7.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20300/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.09 W/kg

Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.24 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.937 W/kg; SAR(10 g) = 0.521 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg

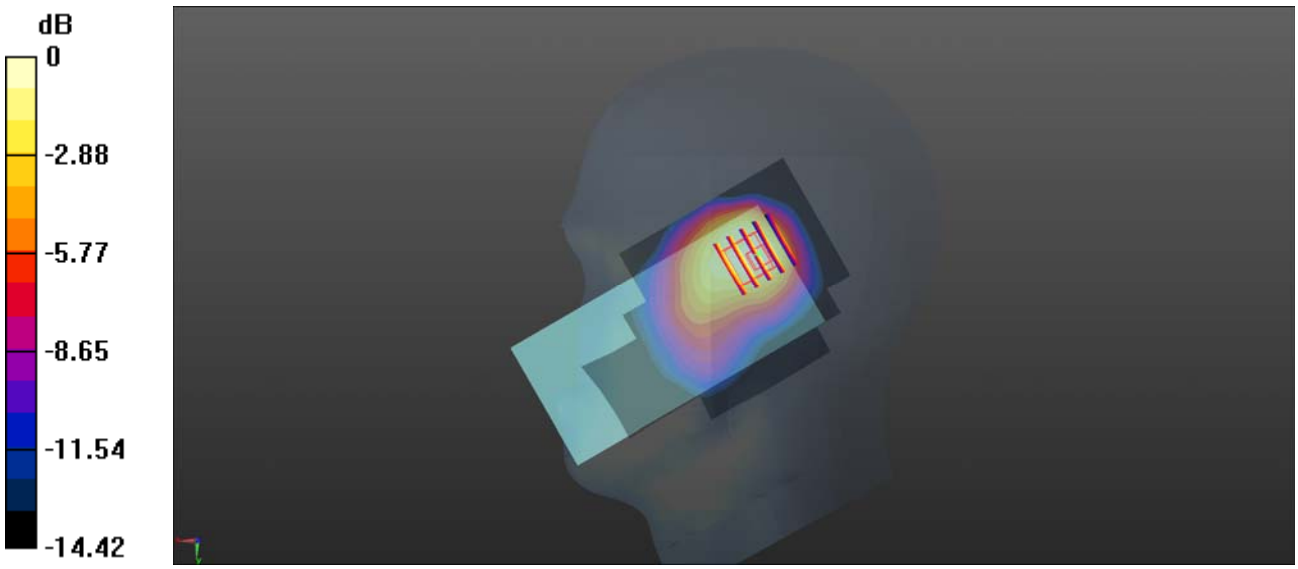
LTE Band 5_10MHz_QPSK_1RB_25Offset_Right Cheek_Ch20450_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 829 MHz;Duty Cycle: 1:1
Medium: HSL_835_181203 Medium parameters used: f = 829 MHz; σ = 0.917 S/m; ε_r = 42.33; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20450/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.883 W/kg

Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.26 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.393 W/kg
Maximum value of SAR (measured) = 0.759 W/kg



0 dB = 0.759 W/kg

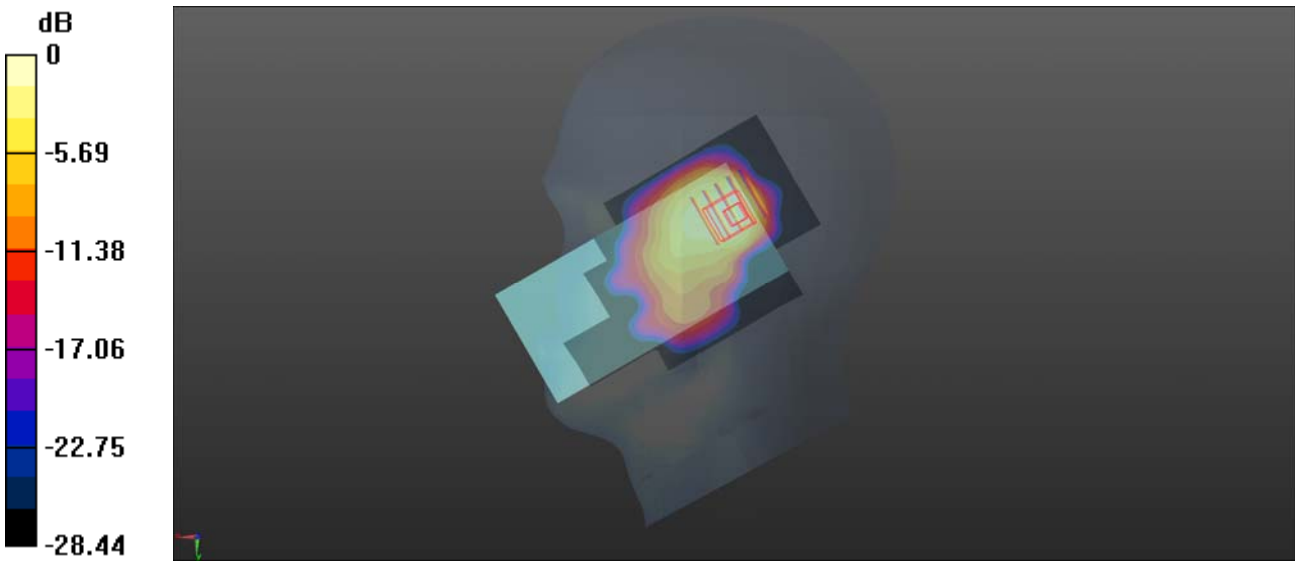
LTE Band 7_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch21350_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_181206 Medium parameters used: f = 2560 MHz; σ = 1.971 S/m; ε_r = 39.65; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(6.98, 6.98, 6.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21350/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.34 W/kg

Ch21350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.81 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.374 W/kg
Maximum value of SAR (measured) = 0.944 W/kg



0 dB = 0.944 W/kg

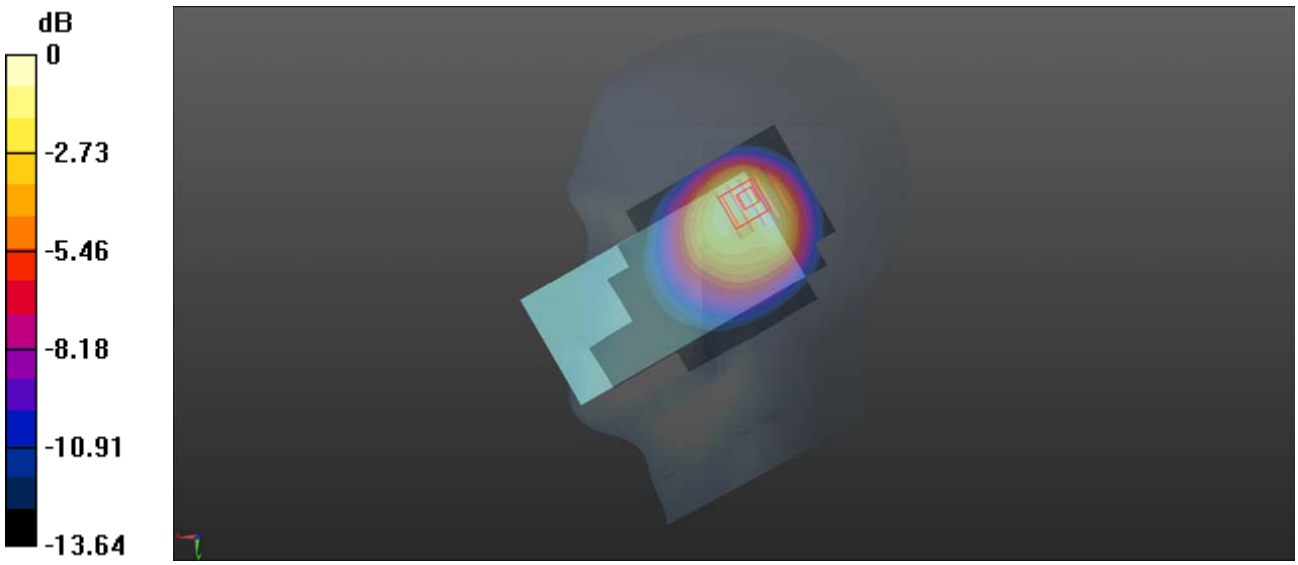
LTE Band 17_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch23780_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 709 MHz;Duty Cycle: 1:1
Medium: HSL_750_181204 Medium parameters used: f = 709 MHz; σ = 0.864 S/m; ε_r = 41.709; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(10.03, 10.03, 10.03); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23780/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.929 W/kg

Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.82 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.478 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg

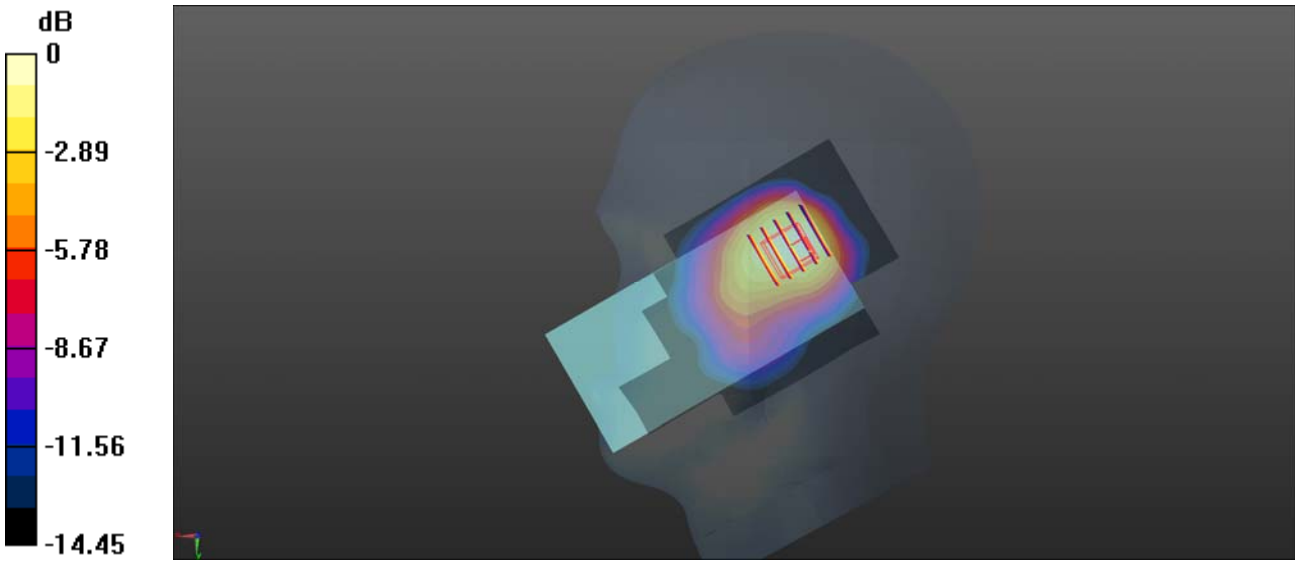
LTE Band 18_15MHz_QPSK_1RB_0Offset_Right Cheek_Ch23925_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 822.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_181203 Medium parameters used: f = 822.5 MHz; σ = 0.91 S/m; ε_r = 42.393; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23925/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.758 W/kg

Ch23925/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.21 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.419 W/kg
Maximum value of SAR (measured) = 0.763 W/kg



0 dB = 0.763 W/kg

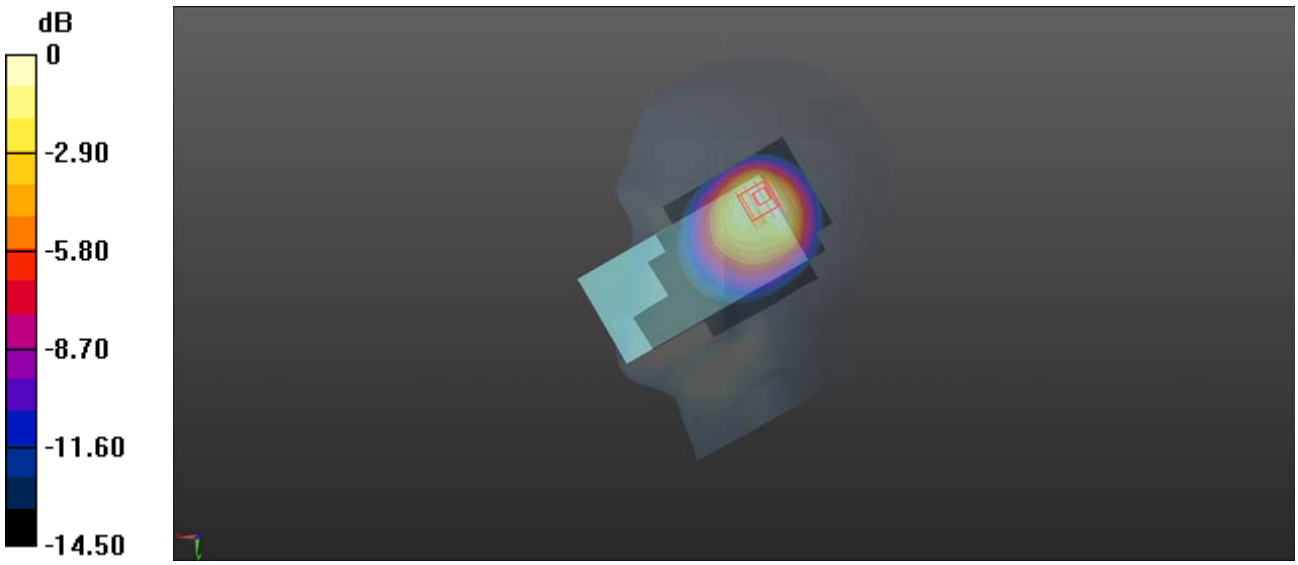
LTE Band 19_15MHz_QPSK_1RB_0Offset_Right Cheek_Ch24075_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 837.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_181203 Medium parameters used: f = 837.5 MHz; σ = 0.925 S/m; ε_r = 42.251; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch24075/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.918 W/kg

Ch24075/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.59 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.796 W/kg; SAR(10 g) = 0.447 W/kg
.Maximum value of SAR (measured) = 0.865 W/kg



0 dB = 0.865 W/kg

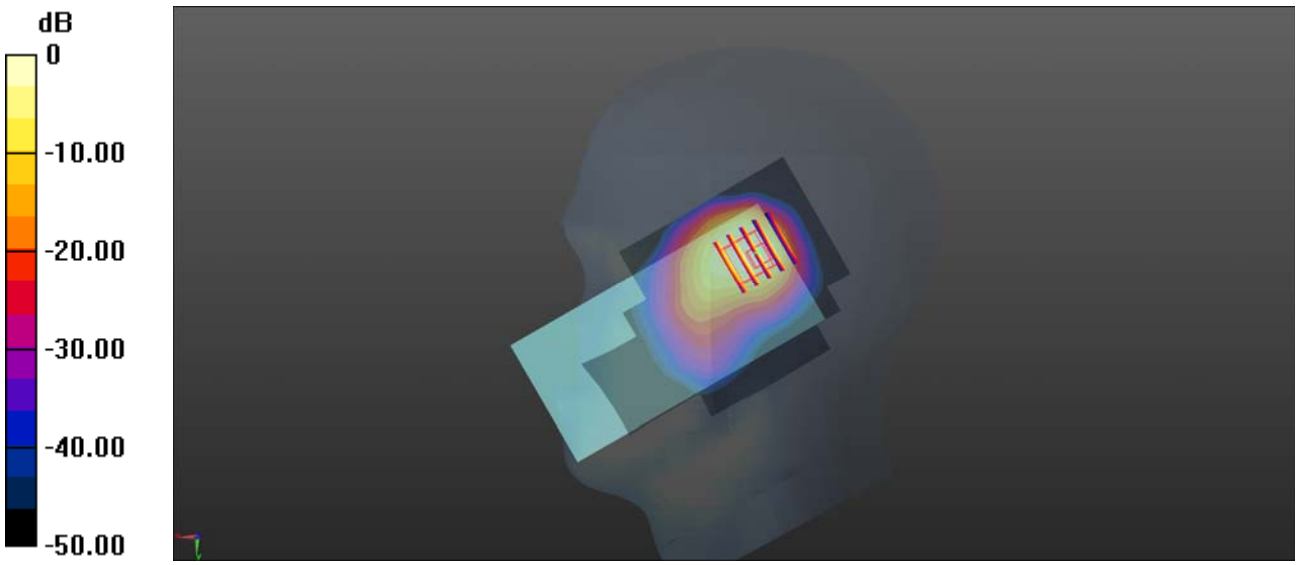
LTE Band 25_20MHz_QPSK_1RB_99Offset_Right Cheek_Ch26140_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_181205 Medium parameters used: f = 1860 MHz; σ = 1.507 S/m; ε_r = 40.774; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26140/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.22 W/kg

Ch26140/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.52 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.85 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.583 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.22 W/kg

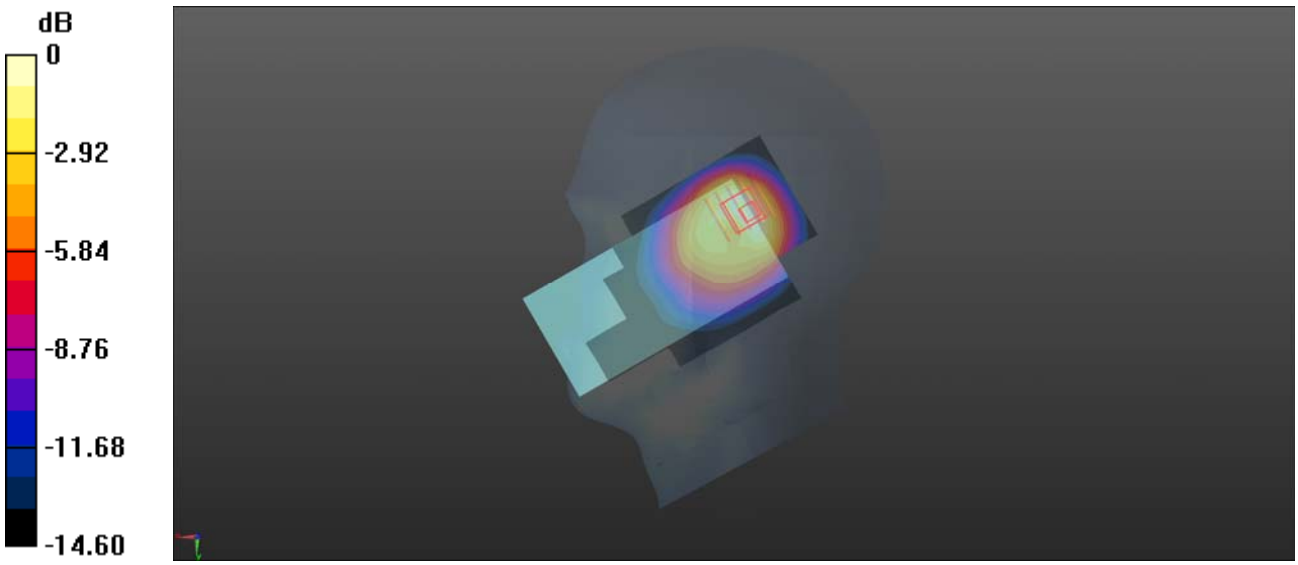
LTE Band 26_15MHz_QPSK_1RB_37Offset_Right Cheek_Ch26765_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 821.5 MHz;Duty Cycle: 1:1
Medium: HSL_835_181203 Medium parameters used: f = 821.5 MHz; σ = 0.909 S/m; ε_r = 42.403; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26765/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.896 W/kg

Ch26765/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.36 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.440 W/kg
Maximum value of SAR (measured) = 0.857 W/kg



0 dB = 0.857 W/kg

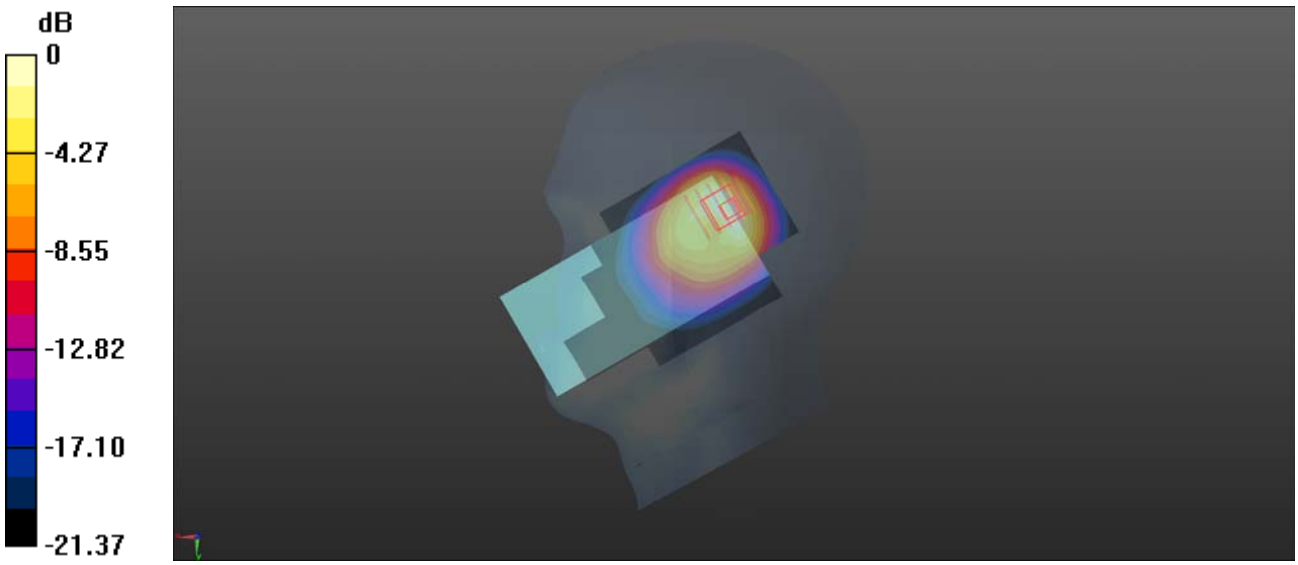
LTE Band 30_10MHz_QPSK_1RB_0Offset_Right Tilt_Ch27710_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: HSL_2300_181207 Medium parameters used: f = 2310 MHz; σ = 1.666 S/m; ε_r = 40.229; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.55, 7.55, 7.55); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch27710/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Ch27710/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.15 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.316 W/kg
Maximum value of SAR (measured) = 0.889 W/kg



0 dB = 0.889 W/kg

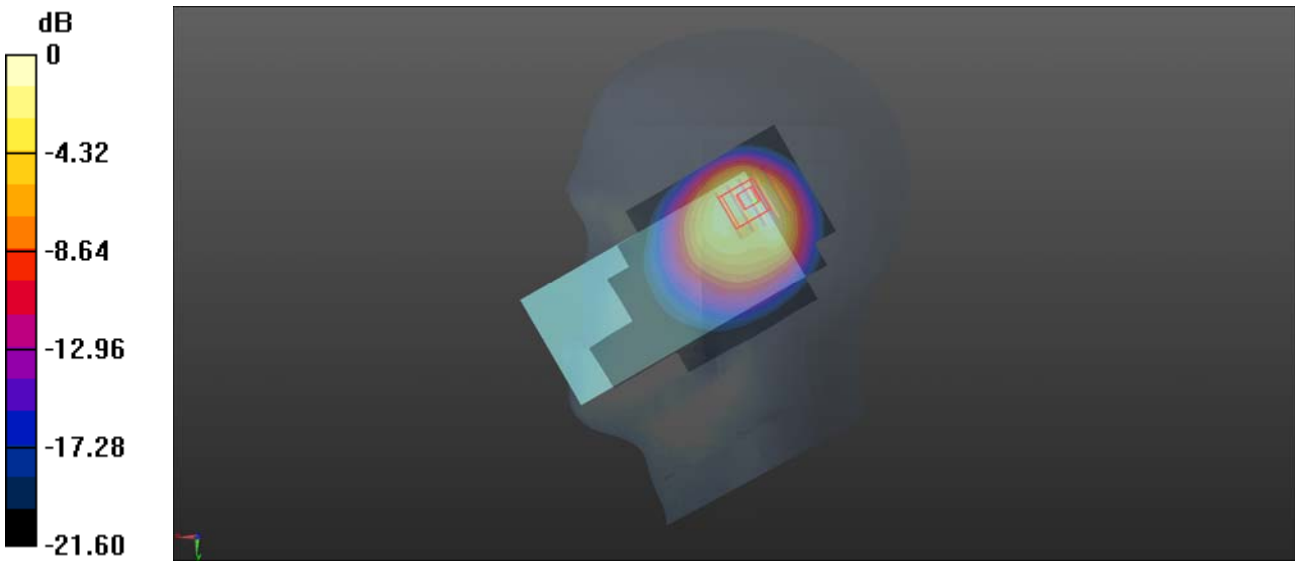
LTE Band 38_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch38000_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1
Medium: HSL_2600_181206 Medium parameters used: f = 2595 MHz; σ = 2.021 S/m; ε_r = 39.231; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(6.98, 6.98, 6.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38000/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Ch38000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.33 V/m; Power Drift = 0.02dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 0.852 W/kg; SAR(10 g) = 0.384 W/kg
Maximum value of SAR (measured) = 0.874 W/kg



0 dB = 0.874 W/kg

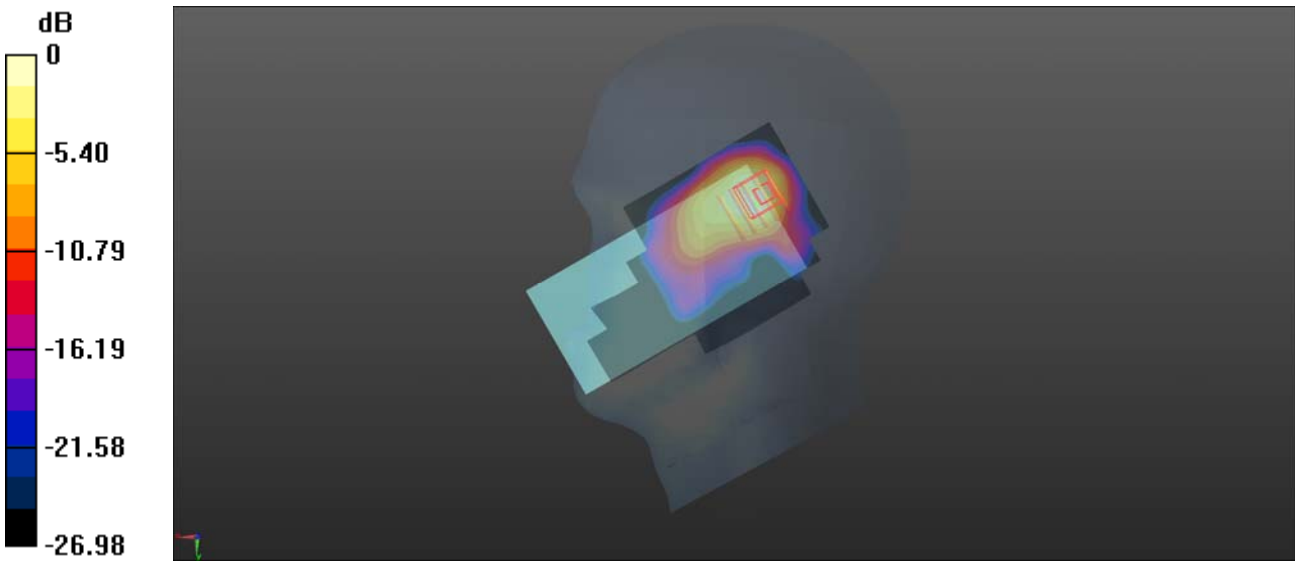
LTE Band 40_10MHz_QPSK_1RB_0Offset_Right Tilt_Ch39200_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 2355 MHz;Duty Cycle: 1:1
Medium: HSL_2300_190130 Medium parameters used: f = 2355 MHz; σ = 1.778 S/m; ε_r = 39.915; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.55, 7.55, 7.55); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39200/Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.627 W/kg

Ch39200/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.54 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.52 W/kg; SAR(10 g) = 0.231 W/kg
Maximum value of SAR (measured) = 0.561 W/kg



0 dB = 0.561 W/kg

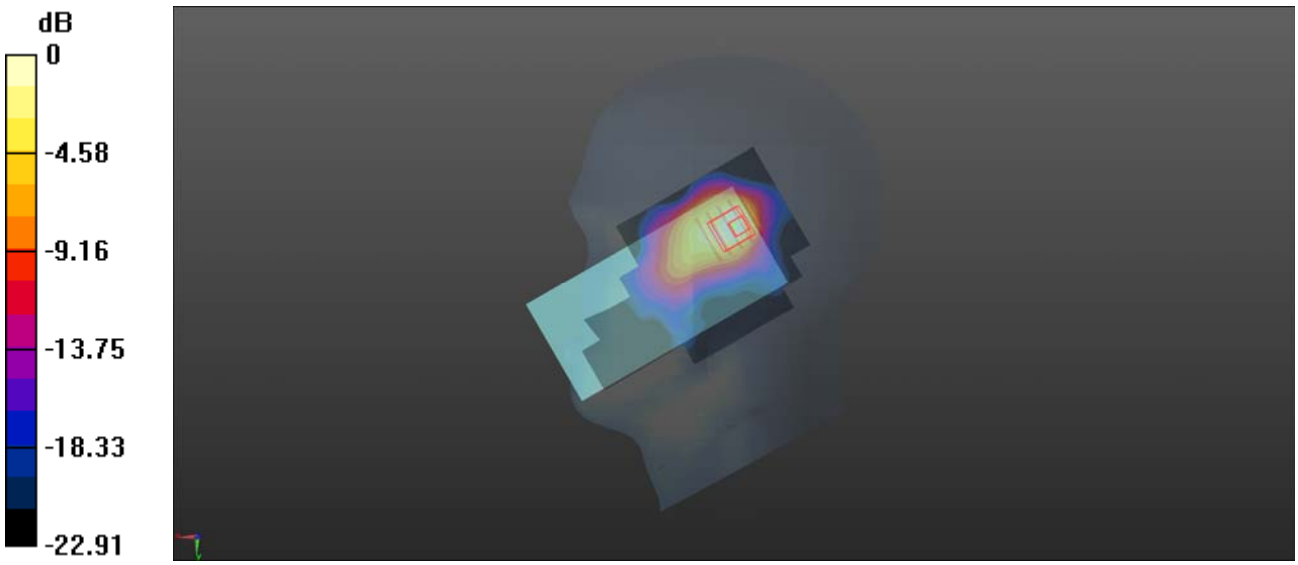
LTE Band 41_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch41055_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 2636.5 MHz;Duty Cycle: 1:1
Medium: HSL_2600_181206 Medium parameters used: f = 2636.5 MHz; σ = 2.065 S/m; ε_r = 38.987; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(6.98, 6.98, 6.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch41055/Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.44 W/kg

Ch41055/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.45 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.70 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.483 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg

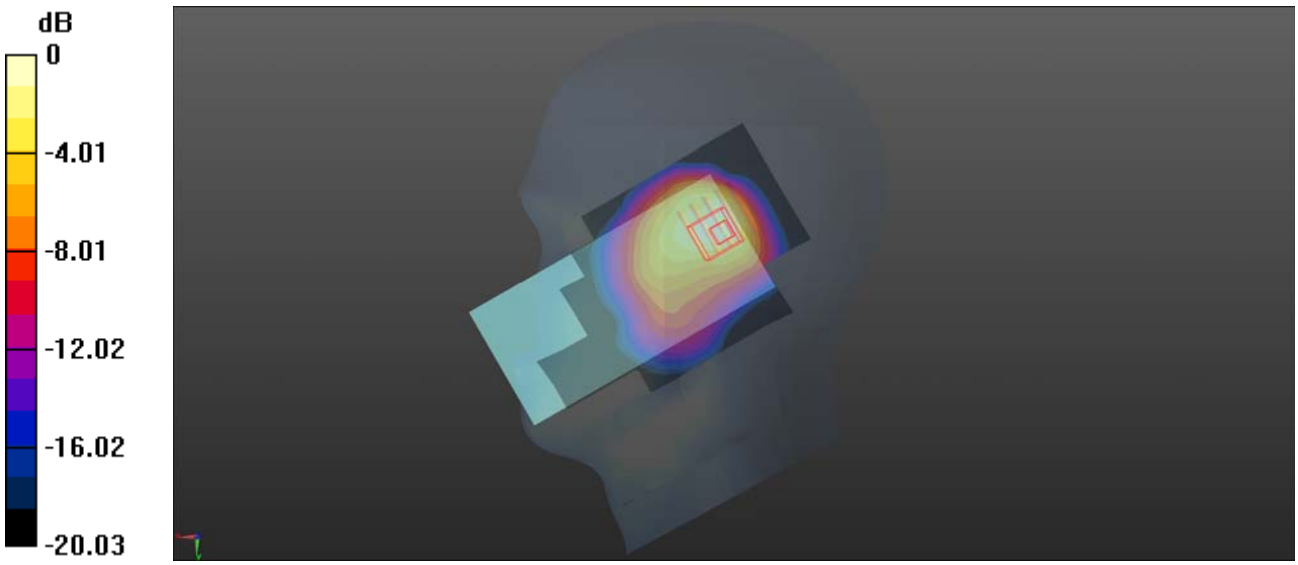
LTE Band 66_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch132072_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL_1750_181205 Medium parameters used: f = 1720 MHz; σ = 1.345 S/m; ε_r = 41.51; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.98, 7.98, 7.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132072/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.01 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.494 W/kg
Maximum value of SAR (measured) = 0.987 W/kg



0 dB = 0.987 W/kg

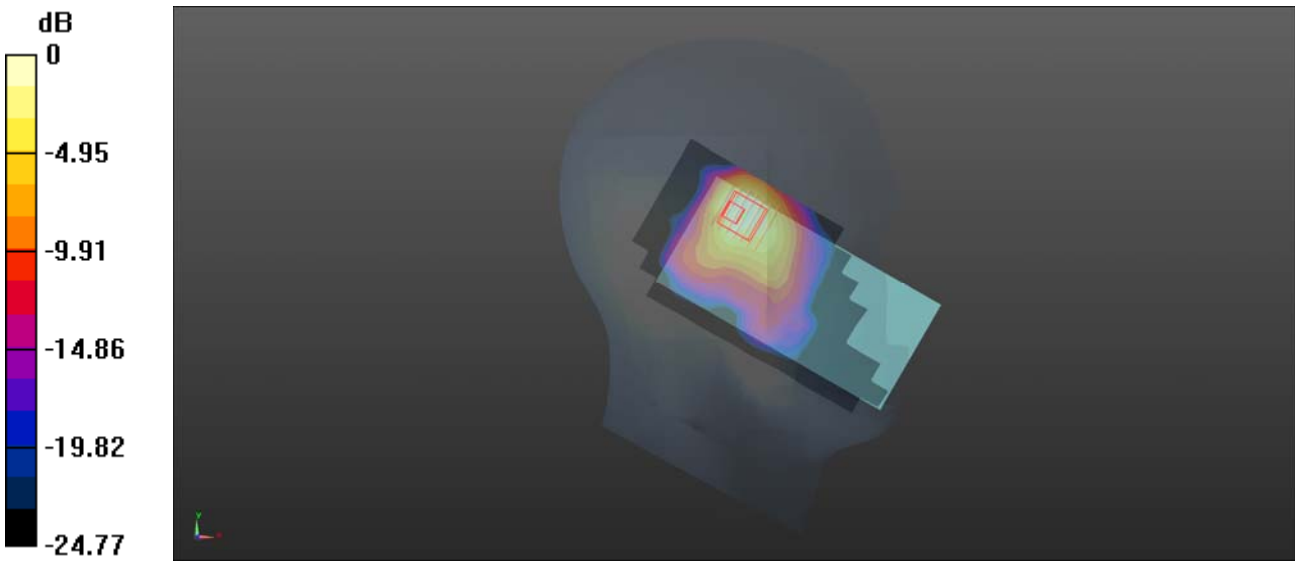
WLAN 2.4GHz_802.11b 1Mbps_Left Cheek_Ch6_Ant. 0

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2437 MHz;Duty Cycle: 1:2
Medium: HSL_2450_181217 Medium parameters used: f = 2437 MHz; σ = 1.845 S/m; ε_r = 37.968; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.34, 7.34, 7.34); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.312 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.794 V/m; Power Drift = -0.47 dB
Peak SAR (extrapolated) = 0.863 W/kg
SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.144 W/kg
Maximum value of SAR (measured) = 0.344 W/kg



0 dB = 0.344 W/kg

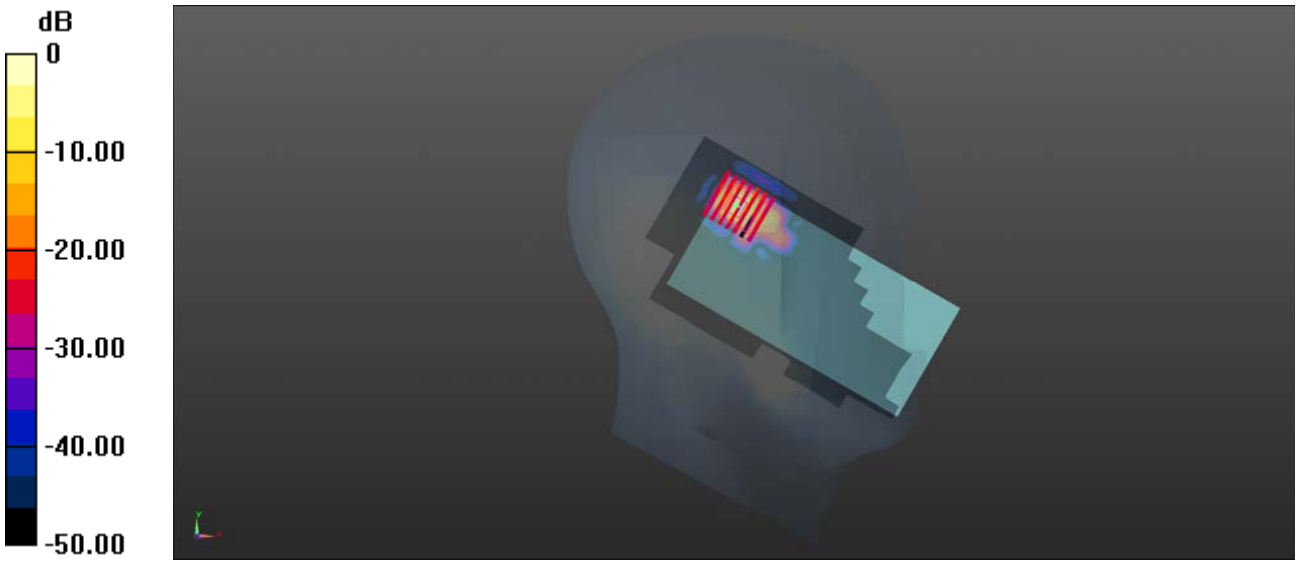
WLAN 5GHz Band 2_802.11n-HT40MCS0_Left Cheek_Ch62_Ant. 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5310 MHz;Duty Cycle: 1:1
Medium: HSL_5250_181217 Medium parameters used: f = 5310 MHz; σ = 4.71 S/m; ε_r = 37.028; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(5.28, 5.28, 5.28); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch62/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.22 W/kg

Ch62/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.3880 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.38 W/kg
SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.117 W/kg
Maximum value of SAR (measured) = 0.819 W/kg



0 dB = 1.22 W/kg

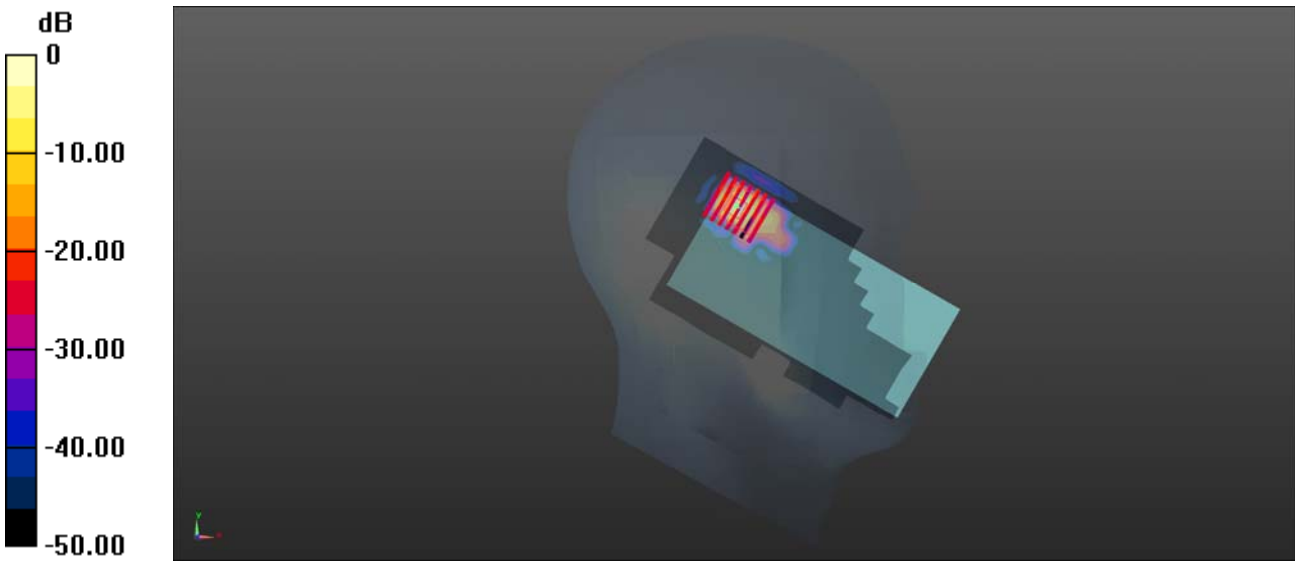
WLAN 5GHz Band 3_802.11ac -VHT40MCS0 _Left Cheek_Ch142_Ant. 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5710 MHz;Duty Cycle: 1:1
Medium: HSL_5750_181217 Medium parameters used: f = 5710 MHz; σ = 5.336 S/m; ε_r = 35.939; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(4.6, 4.6, 4.6); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch142/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.04 W/kg

Ch142/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.16 W/kg
SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.106 W/kg
Maximum value of SAR (measured) = 0.814 W/kg



0 dB = 1.04 W/kg

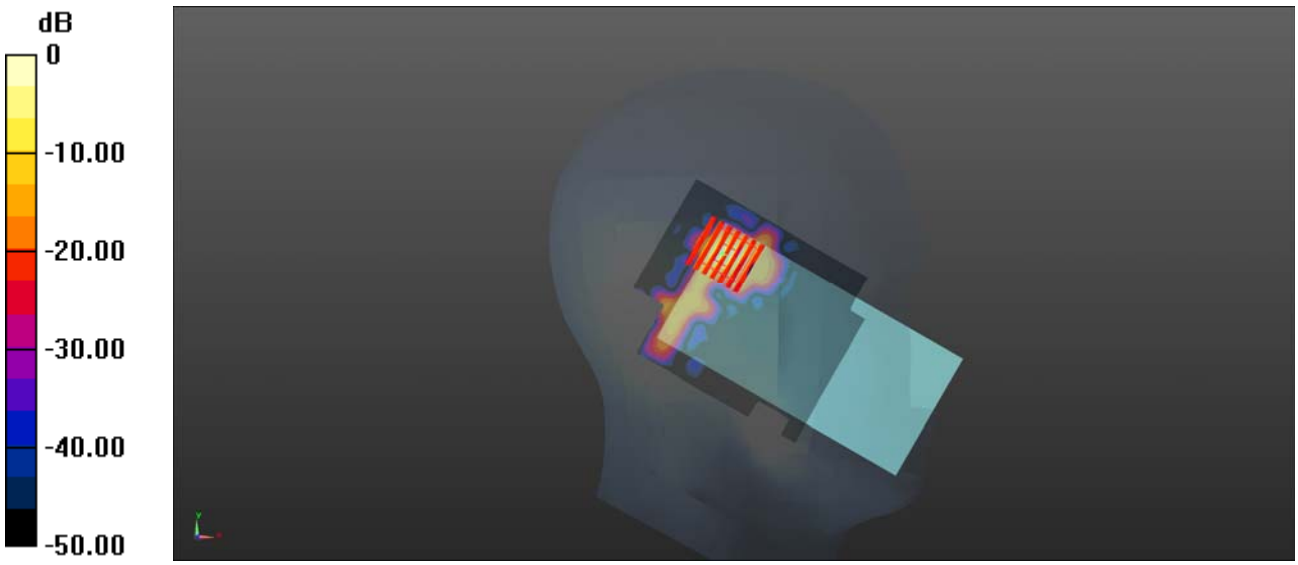
WLAN 5GHz Band 4_802.11ac -VHT40MCS0 _Left Tilt_Ch151_Ant. 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5755 MHz;Duty Cycle: 1:1
Medium: HSL_5750_181217 Medium parameters used: f = 5755 MHz; σ = 5.369 S/m; ε_r = 35.904; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(4.6, 4.6, 4.6); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch151/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Ch151/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.636 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.93 W/kg
SAR(1 g) = 0.676 W/kg; SAR(10 g) = 0.155 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.15 W/kg

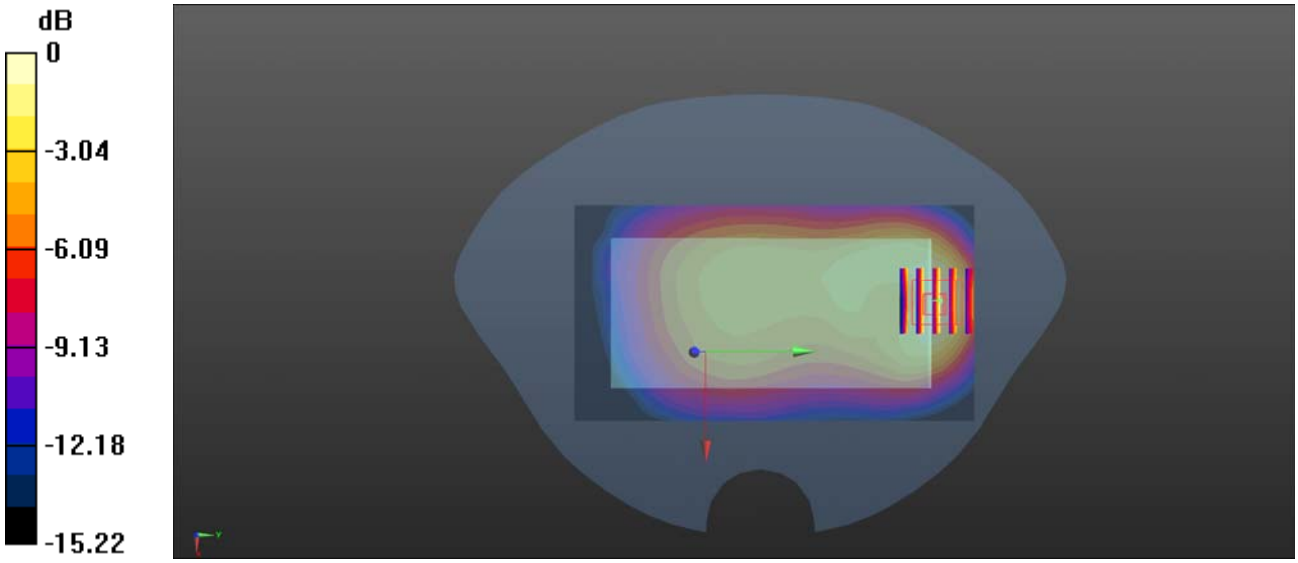
GSM850_GPRS(4TX slots)_Front Side_10mm_Ch128_Top Ant.

Communication System: UID 0, GSM850(class 12) (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_181216 Medium parameters used: f = 824.2 MHz; σ = 0.947 S/m; ε_r = 54.481; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch128/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.393 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.45 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.675 W/kg
SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.214 W/kg
Maximum value of SAR (measured) = 0.404 W/kg



0 dB = 0.393 W/kg

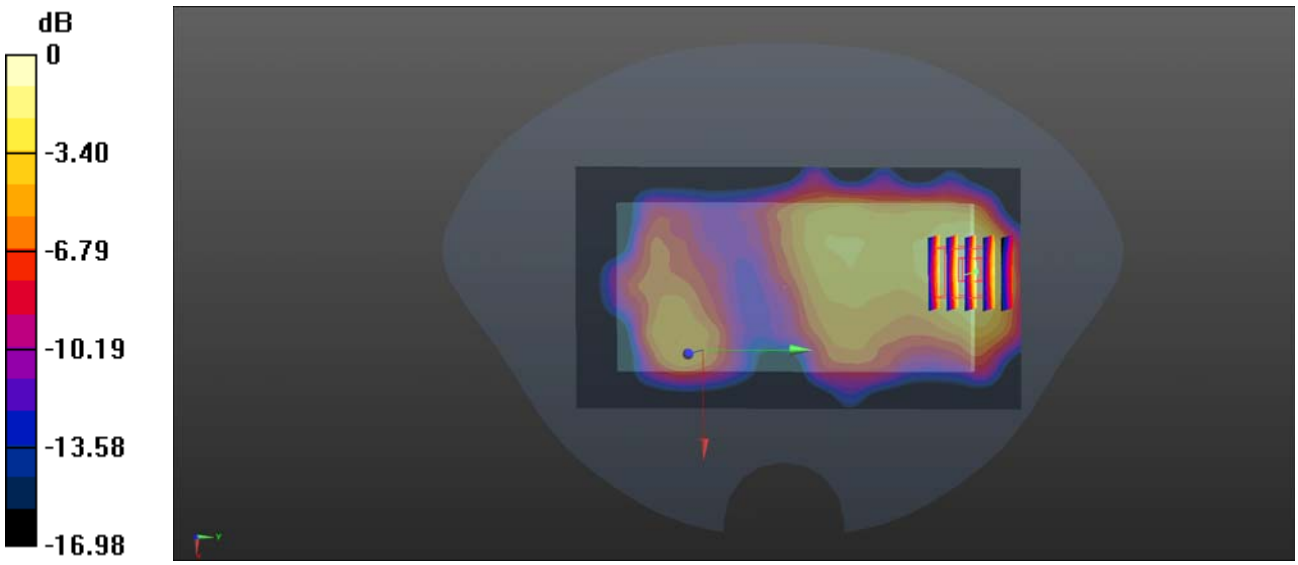
GSM1900_GPRS(4TX slots)_Front Side_10mm_Ch661_Top Ant.

Communication System: UID 0, PCS1900(class 12) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_181214 Medium parameters used: f = 1880 MHz; σ = 1.509 S/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.156 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.564 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.077 W/kg
Maximum value of SAR (measured) = 0.153 W/kg



0 dB = 0.156 W/kg

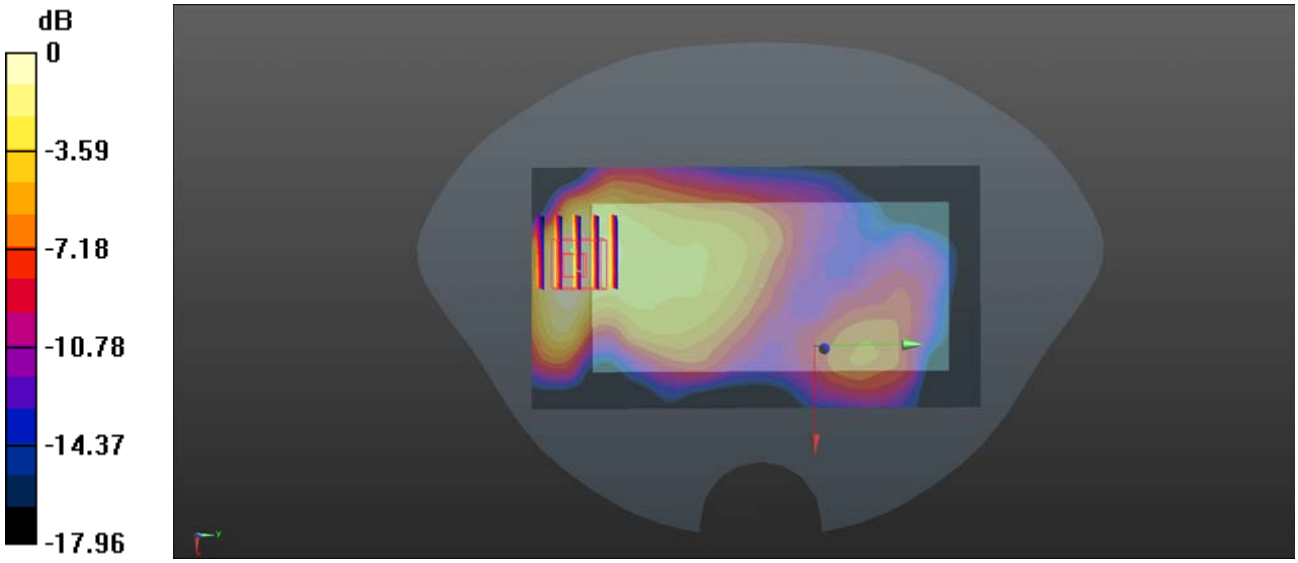
WCDMA Band II_RMC 12.2Kbps_Front Side_10mm_Ch9400_Bottom Ant.

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_181214 Medium parameters used: f = 1880 MHz; σ = 1.509 S/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.246 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.586 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.358 W/kg
SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.118 W/kg
Maximum value of SAR (measured) = 0.230 W/kg



0 dB = 0.246 W/kg

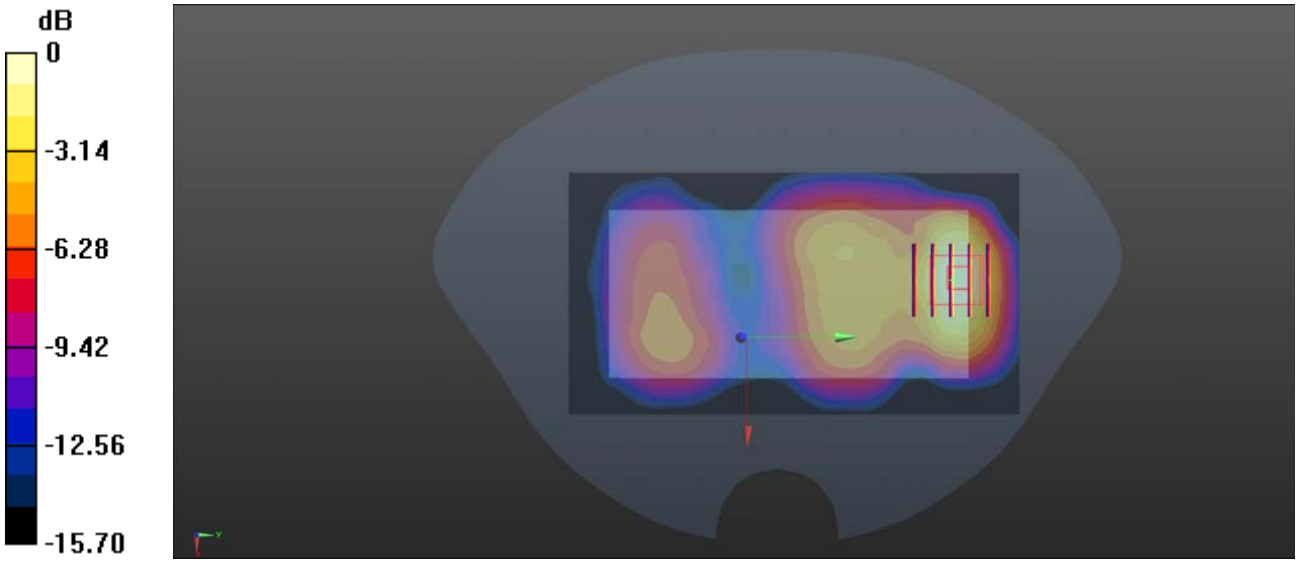
WCDMA Band IV_RMC 12.2Kbps_Front Side_10mm_Ch1413_Top Ant.

Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_181213 Medium parameters used: f = 1733 MHz; σ = 1.471 S/m; ε_r = 54.144; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.65, 7.65, 7.65); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1413/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.276 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.610 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.452 W/kg
SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.144 W/kg
Maximum value of SAR (measured) = 0.286 W/kg



0 dB = 0.276 W/kg

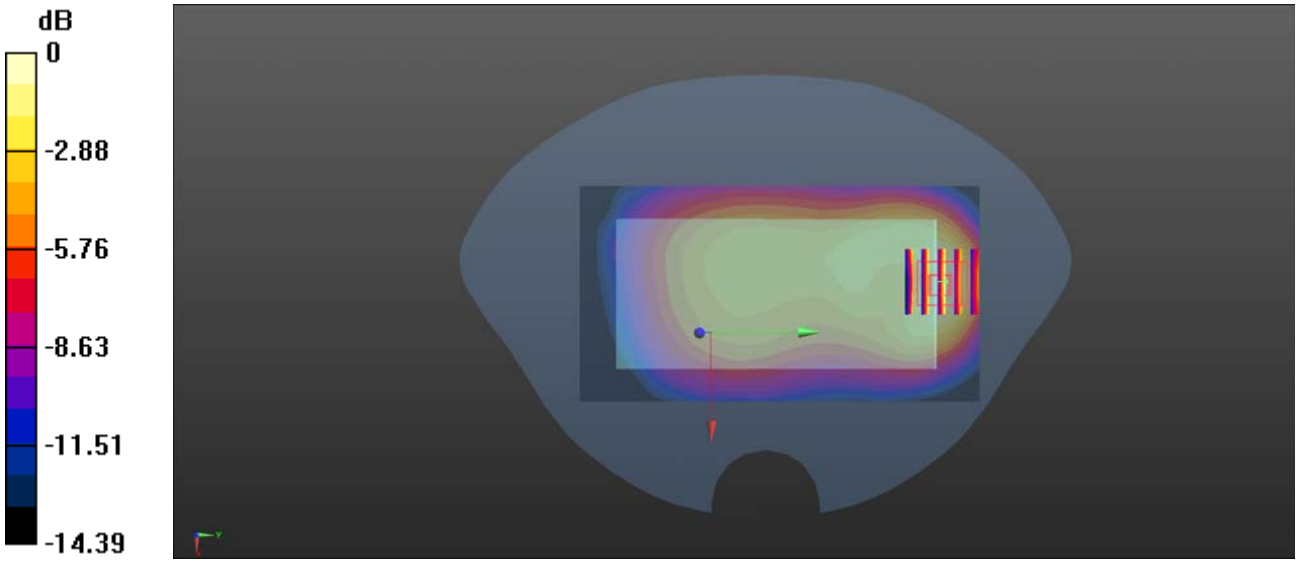
WCDMA Band V_RMC 12.2Kbps_Front Side_10mm_Ch4182_Top Ant.

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_181216 Medium parameters used: f = 836.4 MHz; σ = 0.947 S/m; ε_r = 54.317; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4182/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.290 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.84 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.506 W/kg
SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.161 W/kg
Maximum value of SAR (measured) = 0.292 W/kg



0 dB = 0.290 W/kg

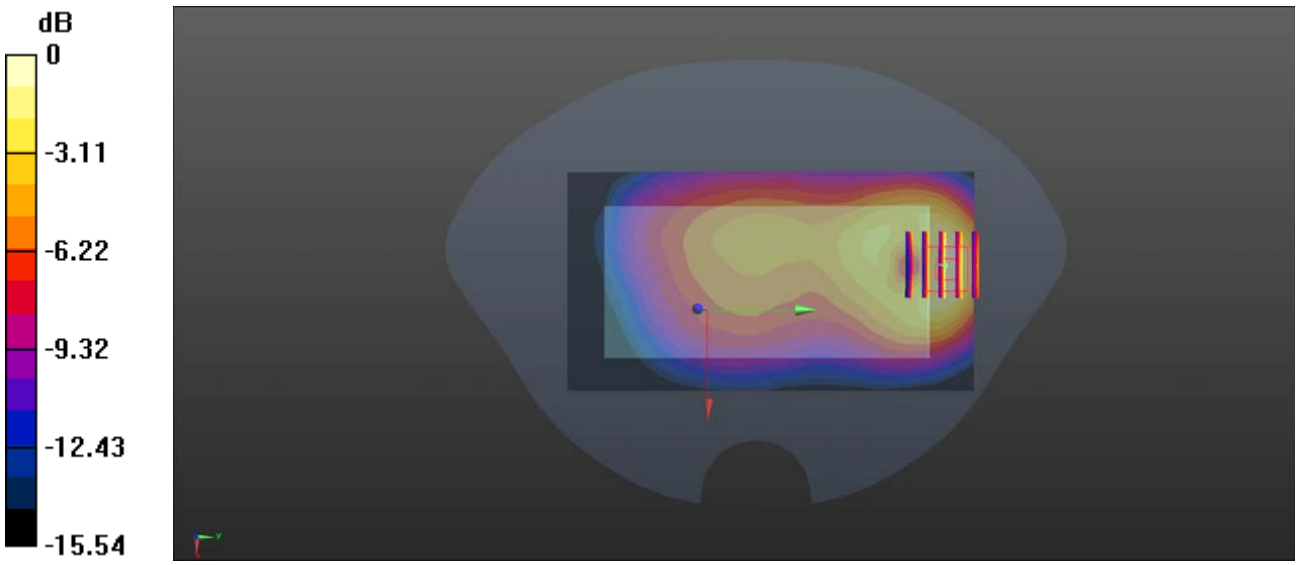
CDMA2000 BC0_RTAP 153.6Kbps_Front Side_10mm_Ch1013_Top Ant.

Communication System: UID 0, CDMA 2000 (0); Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_181216 Medium parameters used: f = 825 MHz; σ = 0.947 S/m; ε_r = 54.475; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1013/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.234 W/kg

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.199 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.367 W/kg
SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.117 W/kg
Maximum value of SAR (measured) = 0.233 W/kg



0 dB = 0.234 W/kg

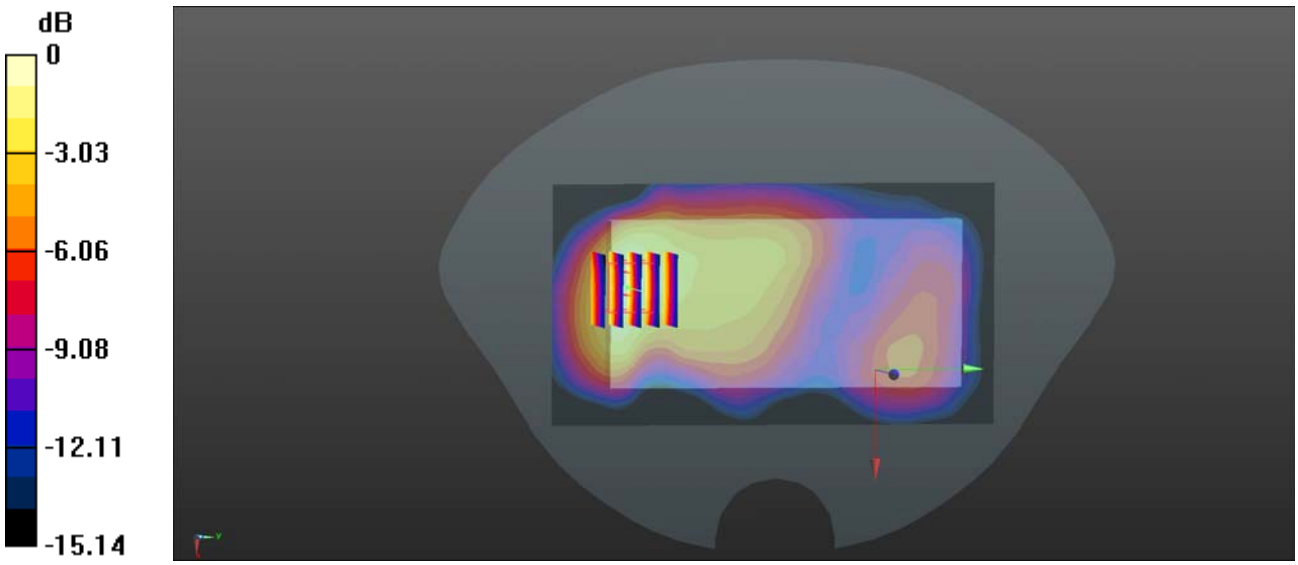
LTE Band 2_20MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch19100_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_181214 Medium parameters used: f = 1900 MHz; σ = 1.532 S/m; ε_r = 52.397; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch19100/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.292 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.696 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.451 W/kg
SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 0.273 W/kg



0 dB = 0.292 W/kg

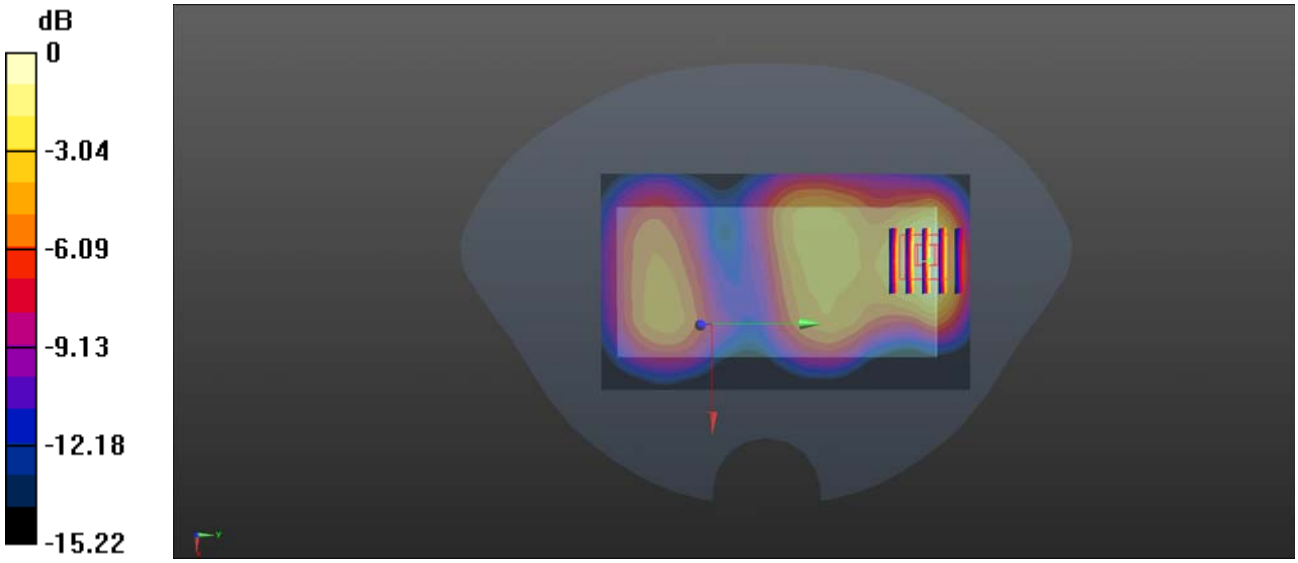
LTE Band 4_20MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch20175_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_181213 Medium parameters used: f = 1732.5 MHz; σ = 1.471 S/m; ε_r = 54.146; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.65, 7.65, 7.65); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.184 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.282 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.304 W/kg
SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.099 W/kg
Maximum value of SAR (measured) = 0.195 W/kg



0 dB = 0.184 W/kg

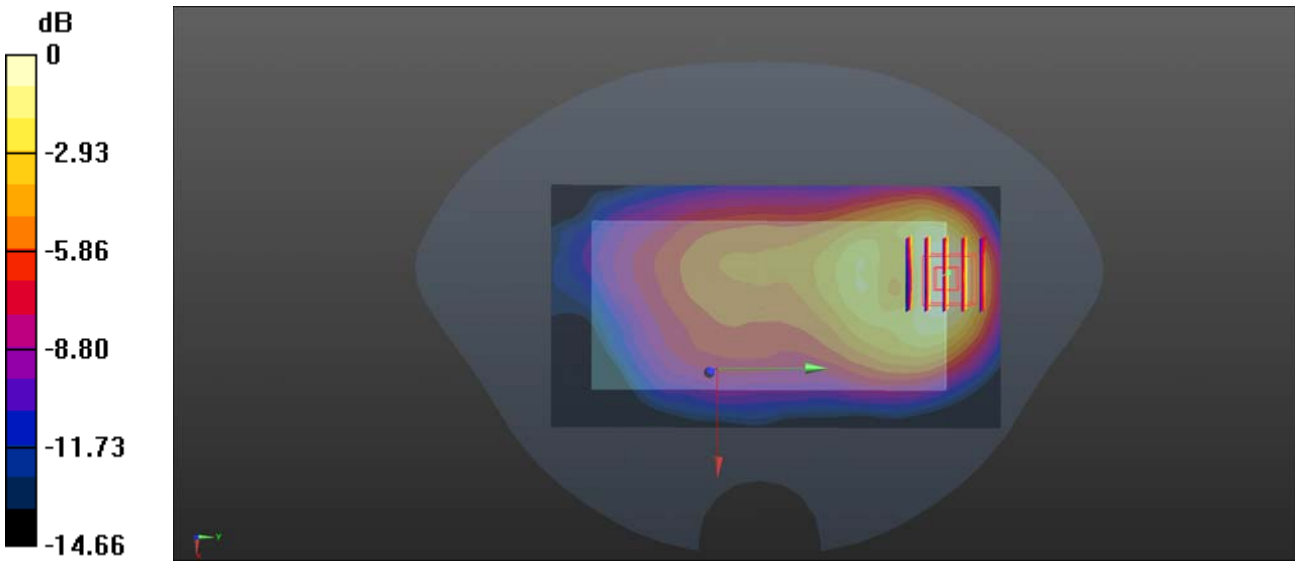
LTE Band 5_10MHz_QPSK_1RB_25Offset_Front Side_10mm_Ch20450_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 829 MHz;Duty Cycle: 1:1
Medium: MSL_835_181216 Medium parameters used: f = 829 MHz; σ = 0.947 S/m; ε_r = 54.315; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20450/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.211 W/kg

Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.885 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.377 W/kg
SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.121 W/kg
Maximum value of SAR (measured) = 0.234 W/kg



0 dB = 0.211 W/kg

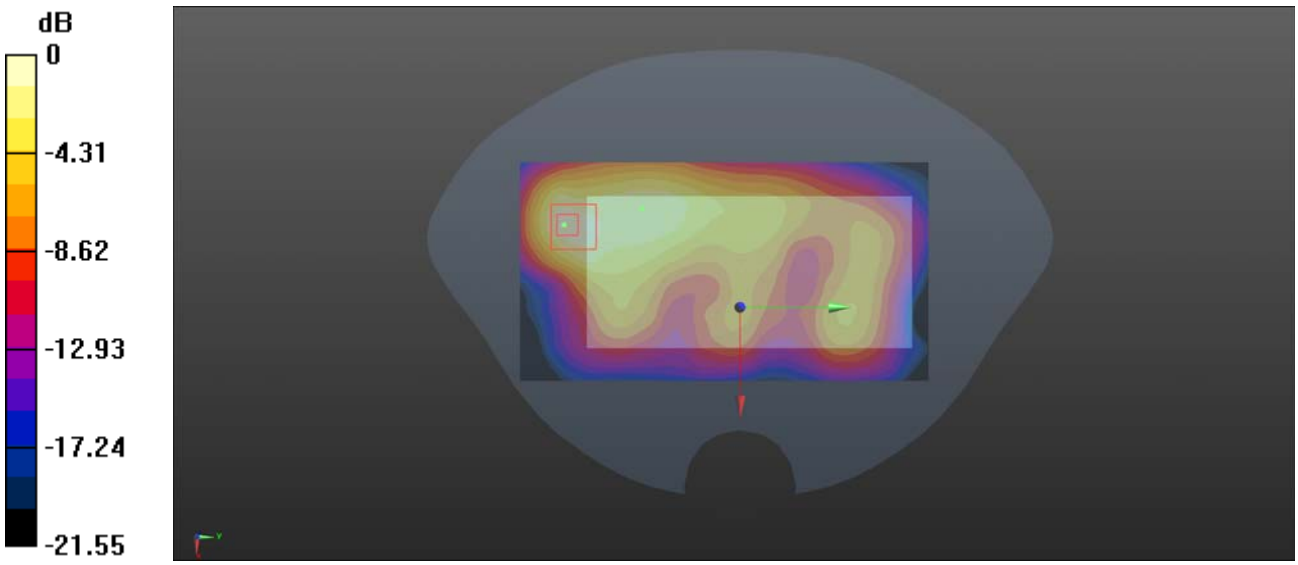
LTE Band 7_20MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch21350_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: MSL_2600_181213 Medium parameters used: f = 2535 MHz; σ = 2.106 S/m; ε_r = 51.275; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.733 W/kg

Ch21100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.374 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.354 W/kg
Maximum value of SAR (measured) = 0.839 W/kg



0 dB = 0.839 W/kg

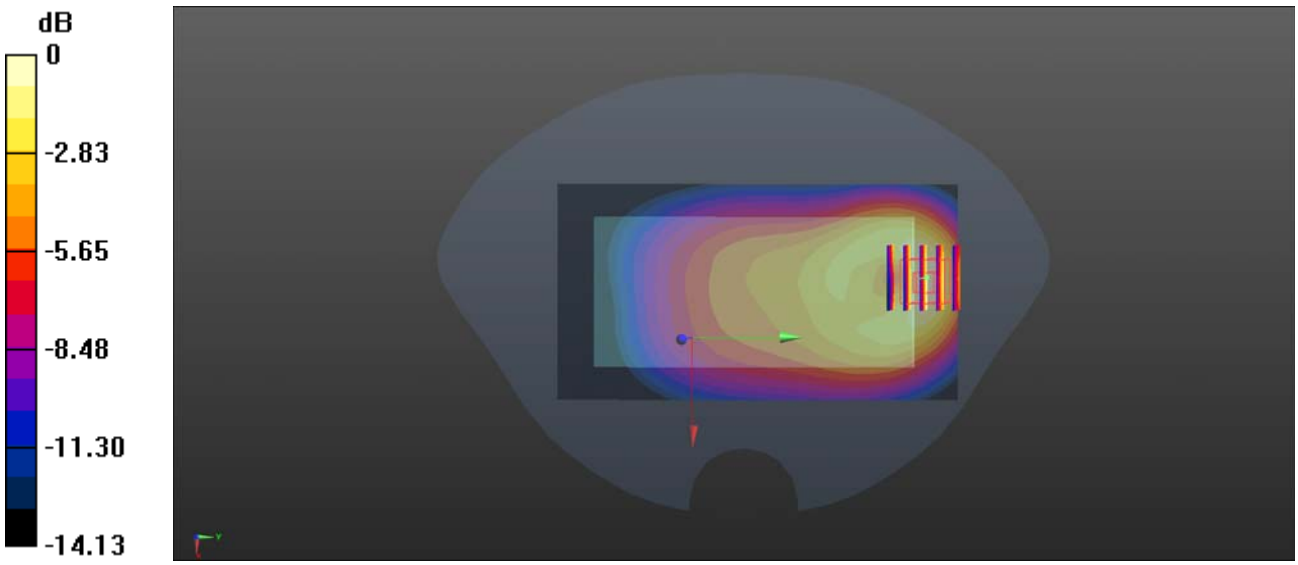
LTE Band 17_10MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch23790_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_181226 Medium parameters used: f = 710 MHz; σ = 0.936 S/m; ε_r = 55.14; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3154; ConvF(6.22, 6.22, 6.22); Calibrated: 2017.10.30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23790/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.393 W/kg

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.86 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.639 W/kg
SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.207 W/kg
Maximum value of SAR (measured) = 0.390 W/kg



0 dB = 0.393 W/kg

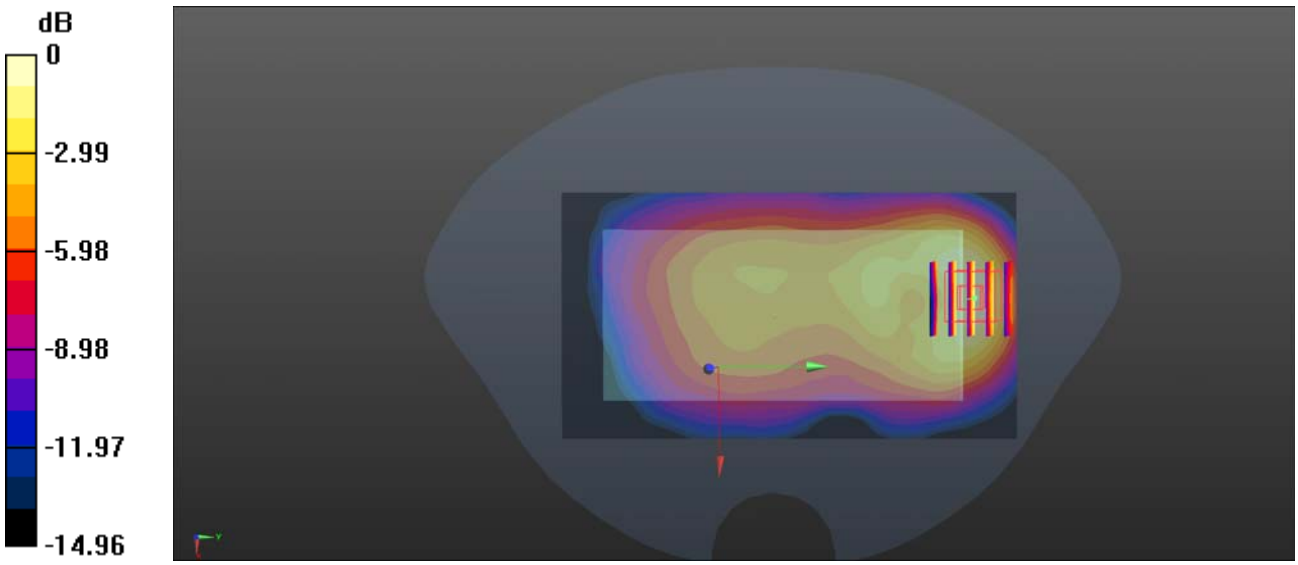
LTE Band 18_15MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch23925_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 822.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_181216 Medium parameters used: f = 822.5 MHz; σ = 0.947 S/m; ε_r = 54.488; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23925/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.201 W/kg

Ch23925/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.750 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.111 W/kg
Maximum value of SAR (measured) = 0.211 W/kg



0 dB = 0.201 W/kg

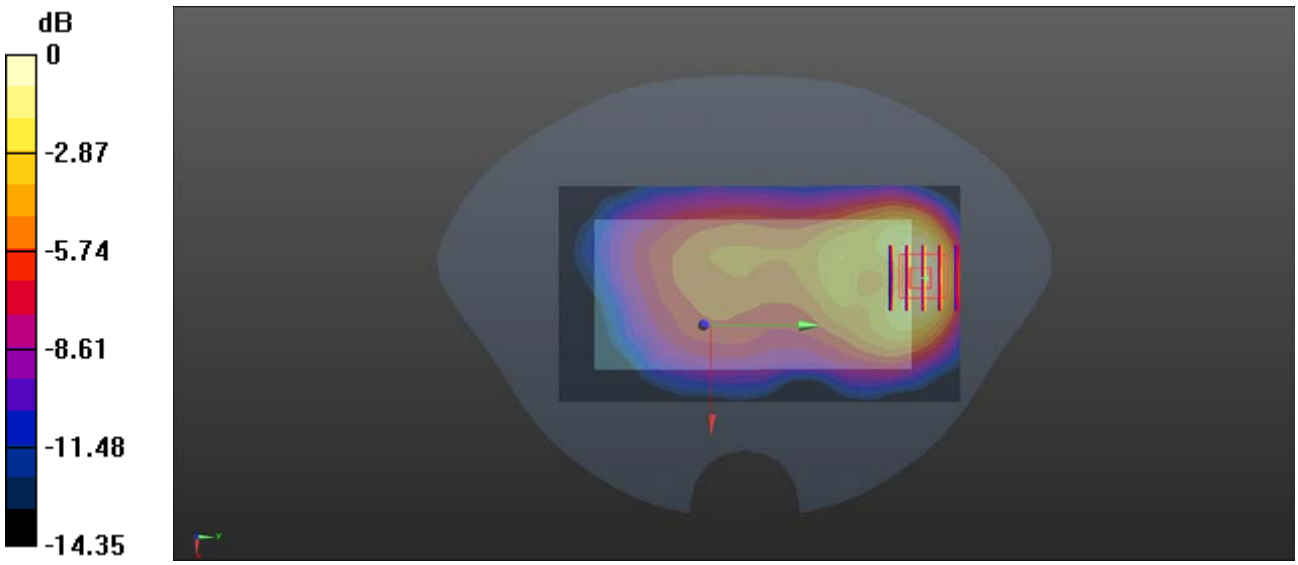
LTE Band 19_15MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch24075_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 837.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_181216 Medium parameters used: f = 837.5 MHz; σ = 0.947 S/m; ε_r = 54.294; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch24075/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.231 W/kg

Ch24075/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.548 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.399 W/kg
SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.128 W/kg
Maximum value of SAR (measured) = 0.237 W/kg



0 dB = 0.231 W/kg

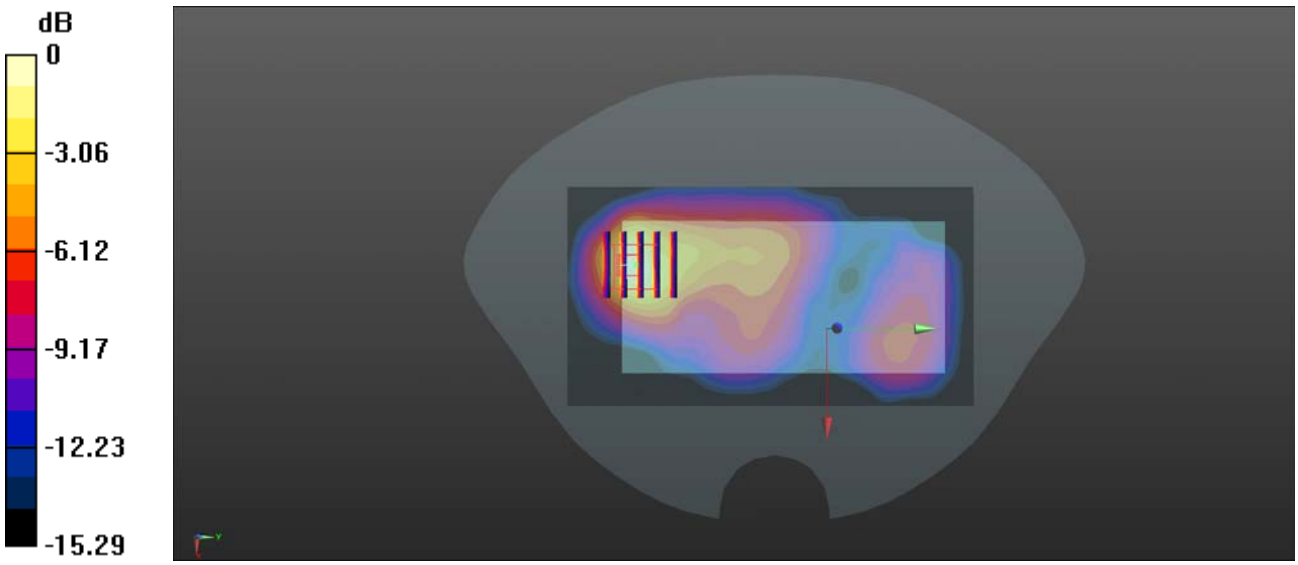
LTE Band 25_20MHz_QPSK_1RB_99Offset_Front Side_Ch26140_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_181214 Medium parameters used: f = 1860 MHz; σ = 1.486 S/m; ε_r = 52.541; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26140/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.301 W/kg

Ch26140/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.640 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.475 W/kg
SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.125 W/kg
Maximum value of SAR (measured) = 0.252 W/kg



0 dB = 0.301 W/kg

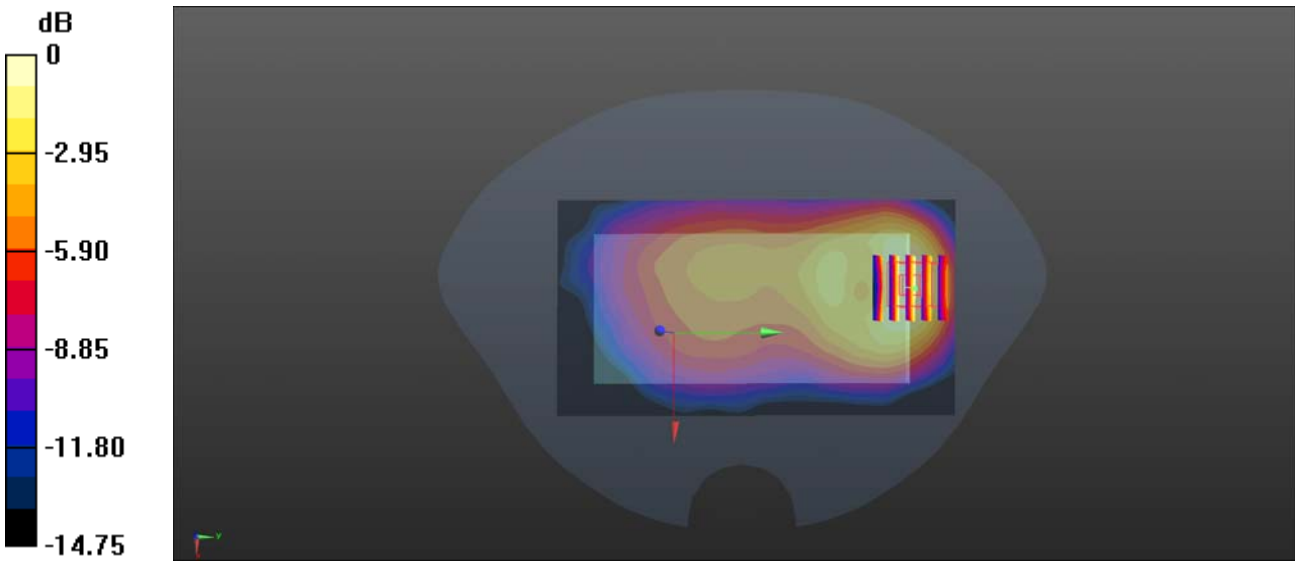
LTE Band 26_15MHz_QPSK_1RB_37Offset_Front Side_10mm_Ch26856_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_181216 Medium parameters used: f = 831.5 MHz; σ = 0.947 S/m; ε_r = 54.404; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26865/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.194 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.790 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.354 W/kg
SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.112 W/kg
Maximum value of SAR (measured) = 0.212 W/kg



0 dB = 0.194 W/kg

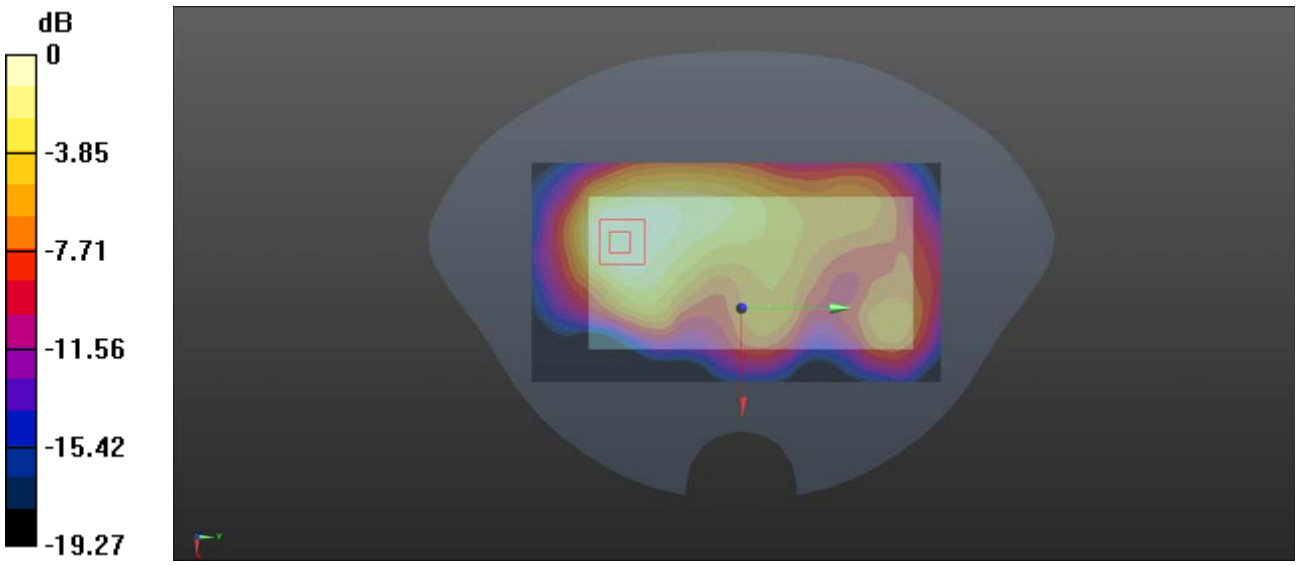
LTE Band 30_10MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch27710_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: MSL_2300_181214 Medium parameters used: f = 2310 MHz; σ = 1.666 S/m; ε_r = 40.229; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.55, 7.55, 7.55); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch27710/Area Scan (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.449 W/kg

Ch27710/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.291 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.774 W/kg
SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.227 W/kg
Maximum value of SAR (measured) = 0.434 W/kg



0 dB = 0.434 W/kg

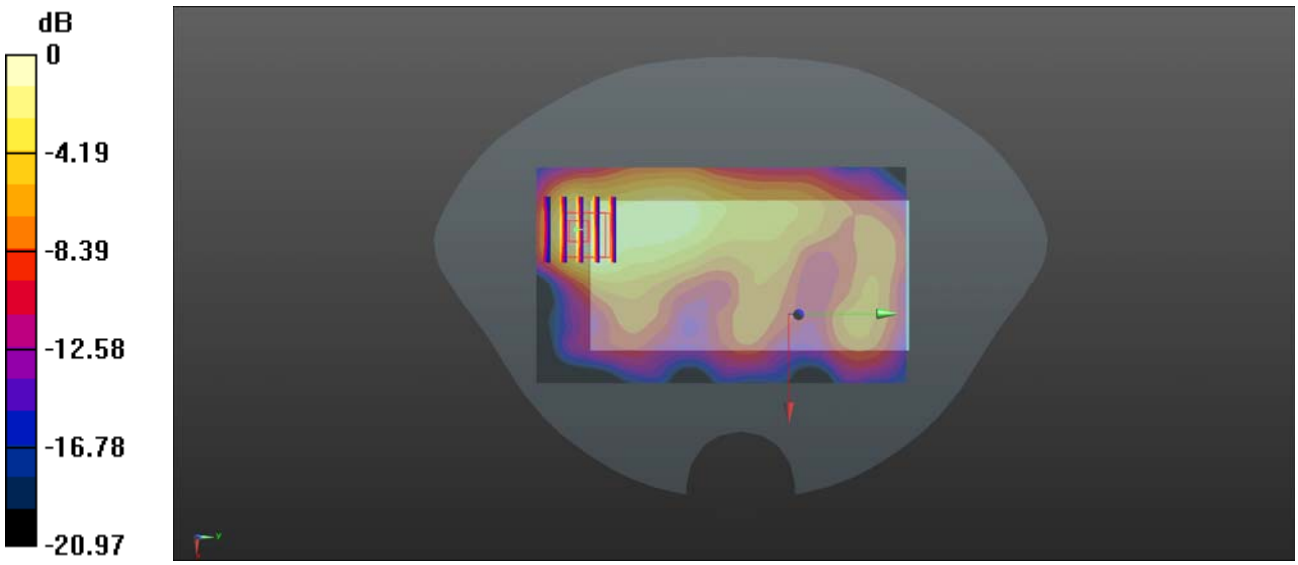
LTE Band 38_20MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch37850_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 2580 MHz;Duty Cycle: 1:1
Medium: MSL_2600_181213 Medium parameters used: f = 2580 MHz; σ = 2.158 S/m; ε_r = 50.842; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.01, 7.01, 7.01); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch37850/Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.307 W/kg

Ch37850/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.677 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.611 W/kg
SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.131 W/kg
Maximum value of SAR (measured) = 0.328 W/kg



0 dB = 0.307 W/kg

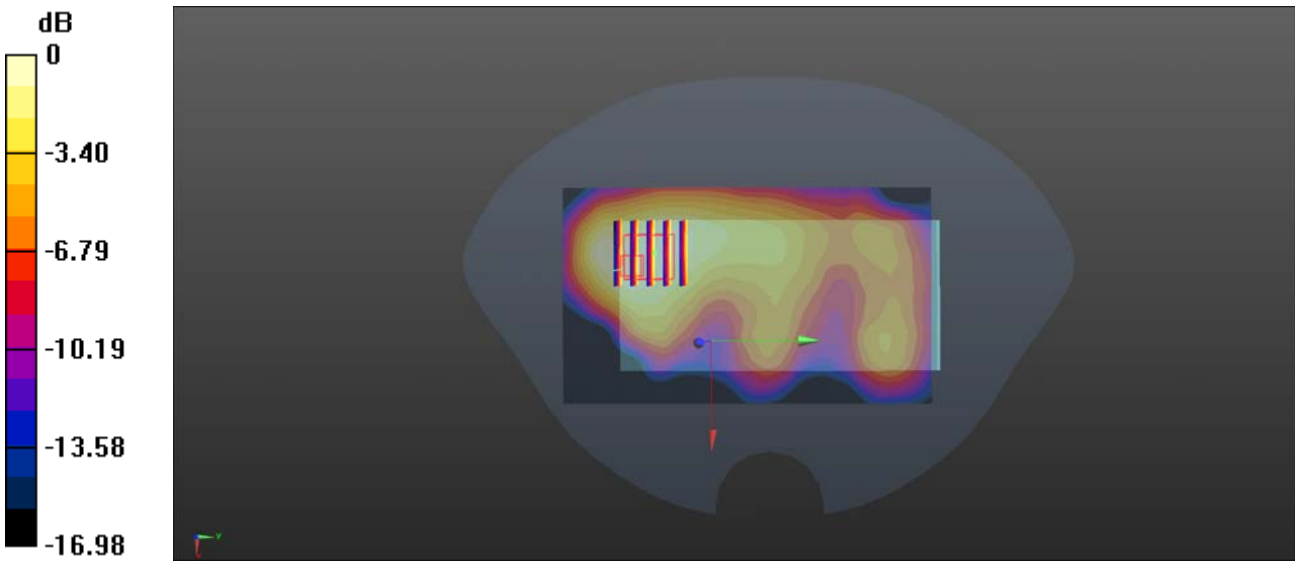
LTE Band 40_10MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch39200_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 2355 MHz;Duty Cycle: 1:1
Medium: MSL_2300_190130 Medium parameters used: f = 2355 MHz; σ = 1.778 S/m; ε_r = 39.915; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.55, 7.55, 7.55); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39200/Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.231 W/kg

Ch39200/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.921 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.449 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.108 W/kg
Maximum value of SAR (measured) = 0.247 W/kg



0 dB = 0.247 W/kg

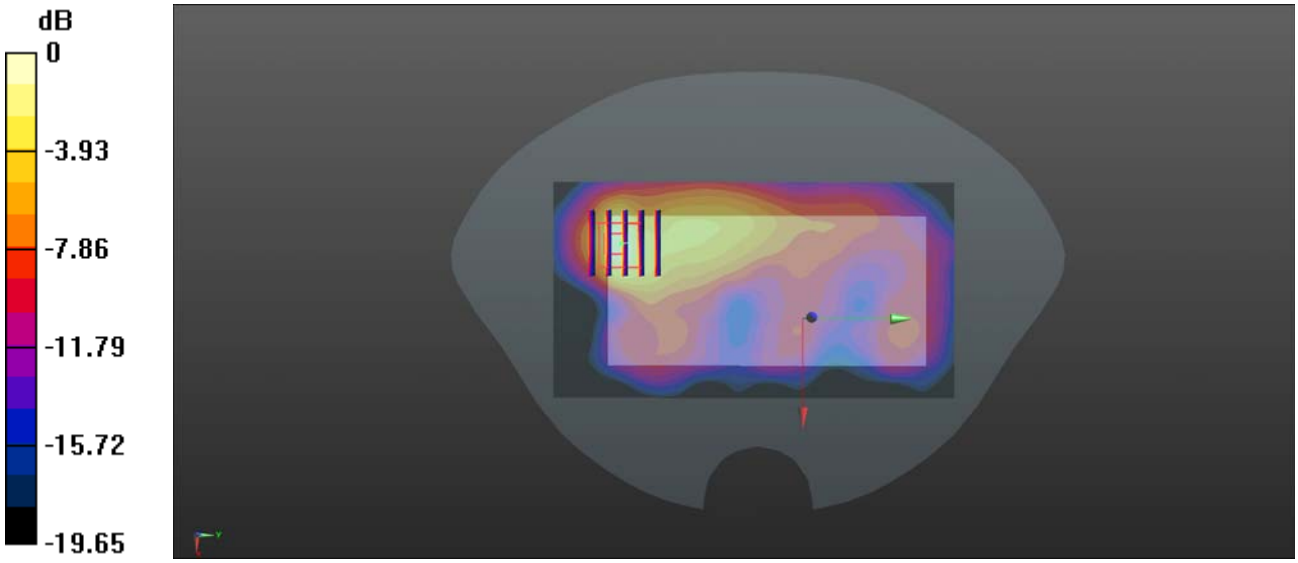
LTE Band 41_20MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch40620_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1
Medium: MSL_2600_181213 Medium parameters used: f = 2593 MHz; σ = 2.177 S/m; ε_r = 50.753; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.01, 7.01, 7.01); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40620/Area Scan (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.406 W/kg

Ch40620/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.581 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.742 W/kg
SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 0.357 W/kg



0 dB = 0.406 W/kg

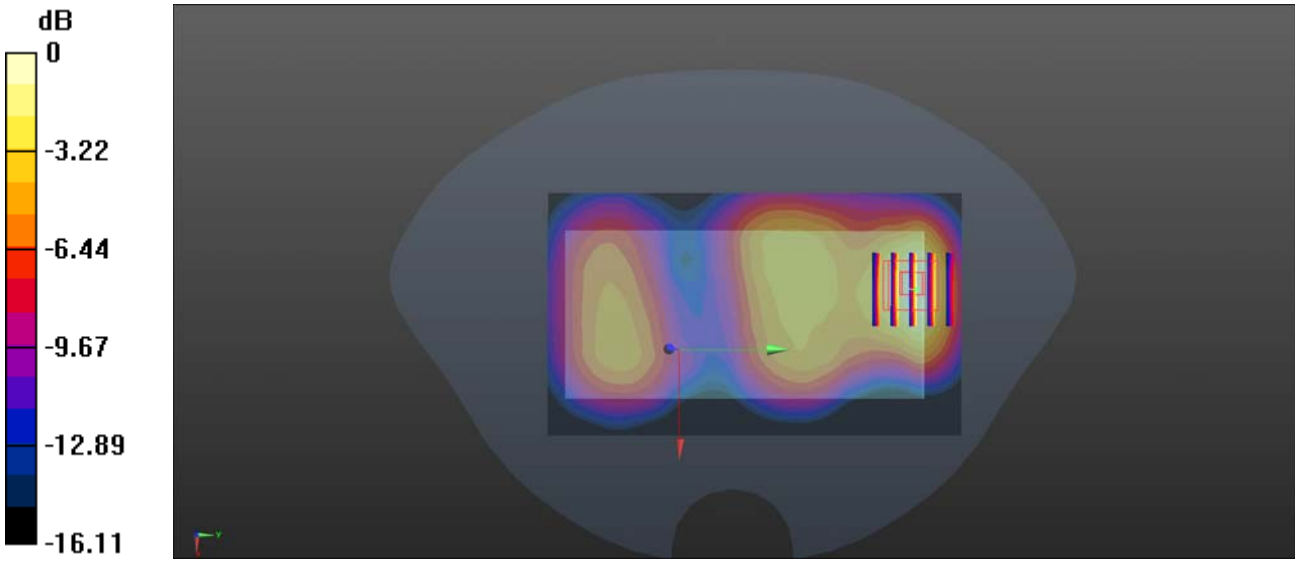
LTE Band 66_20MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch132072_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_181213 Medium parameters used: f = 1720 MHz; σ = 1.458 S/m; ε_r = 54.195; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.65, 7.65, 7.65); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132072/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.197 W/kg

Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.286 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.296 W/kg
SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.097 W/kg
Maximum value of SAR (measured) = 0.191 W/kg



0 dB = 0.191 W/kg

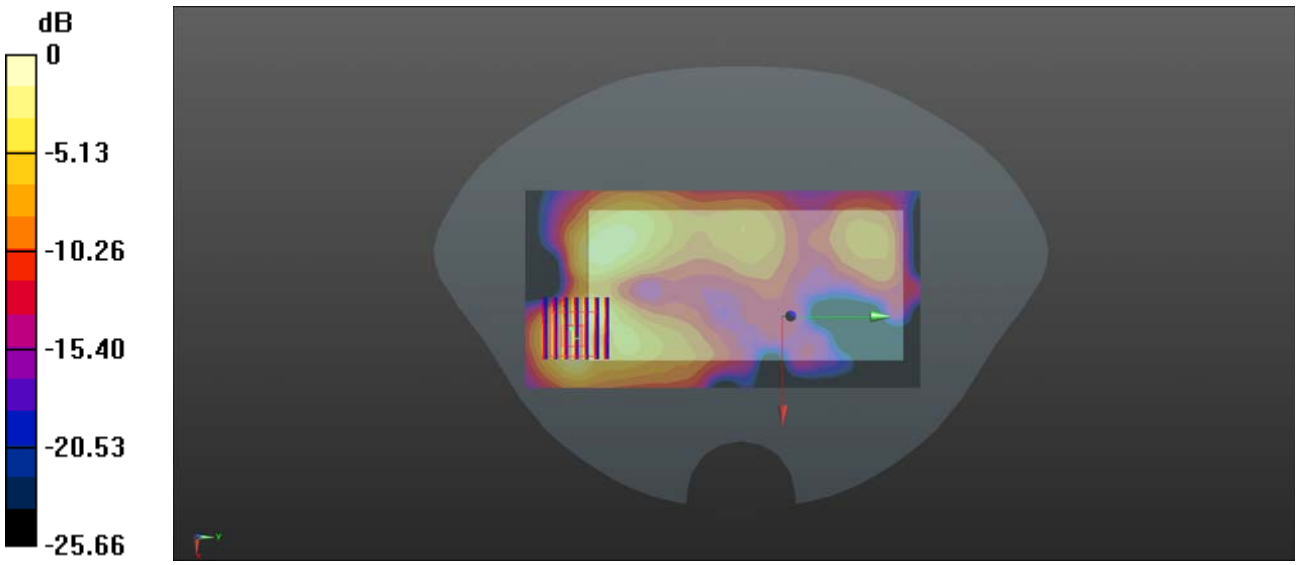
WLAN 2.4GHz_802.11b 1Mbps_Front Side_10mm_Ch11_Ant. 1

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2462 MHz;Duty Cycle: 1:2
Medium: MSL_2450_181225 Medium parameters used: f = 2462 MHz; σ = 2.058 S/m; ε_r = 50.542; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.17, 7.17, 7.17); Calibrated: 2017.09.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.343 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.097 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.500 W/kg
SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.083 W/kg
Maximum value of SAR (measured) = 0.331 W/kg



0 dB = 0.343 W/kg

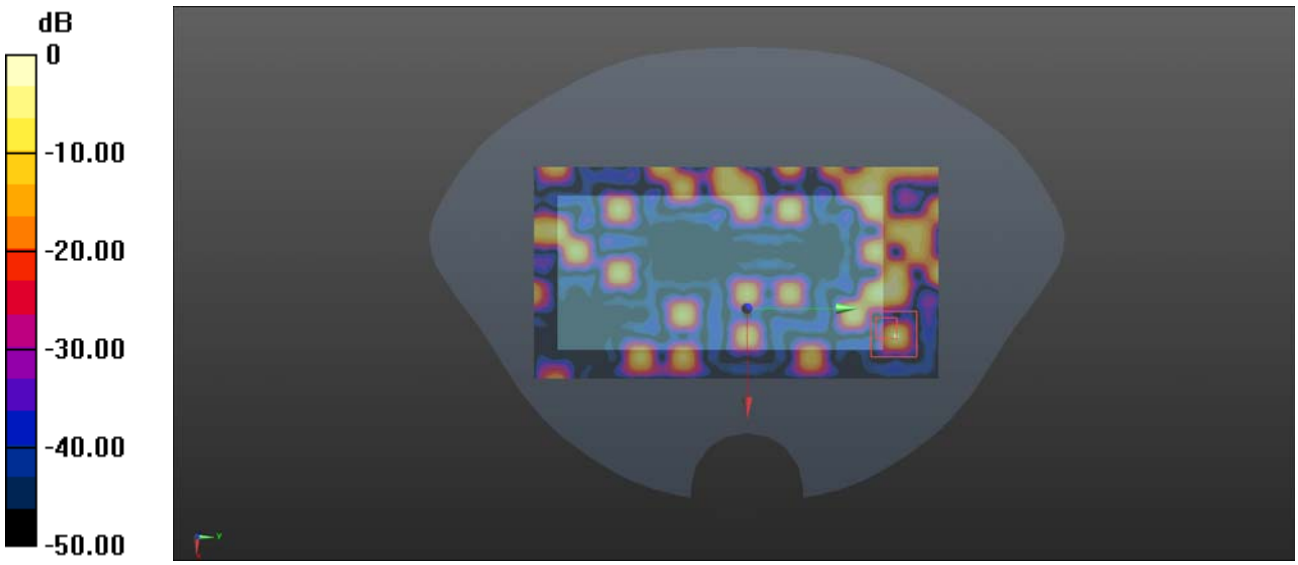
WLAN 5GHz Band 2_802.11n-HT40MCS0_Front Side_10mm_Ch62_Ant. 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5310 MHz;Duty Cycle: 1:1
Medium: MSL_5250_181222 Medium parameters used: f = 5310 MHz; σ = 5.512 S/m; ε_r = 48.209; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(4.46, 4.46, 4.46); Calibrated: 2017.09.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch62/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0492 W/kg

Ch62/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.583 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.535 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.00479 W/kg
Maximum value of SAR (measured) = 0.0895 W/kg



0 dB = 0.0895 W/kg

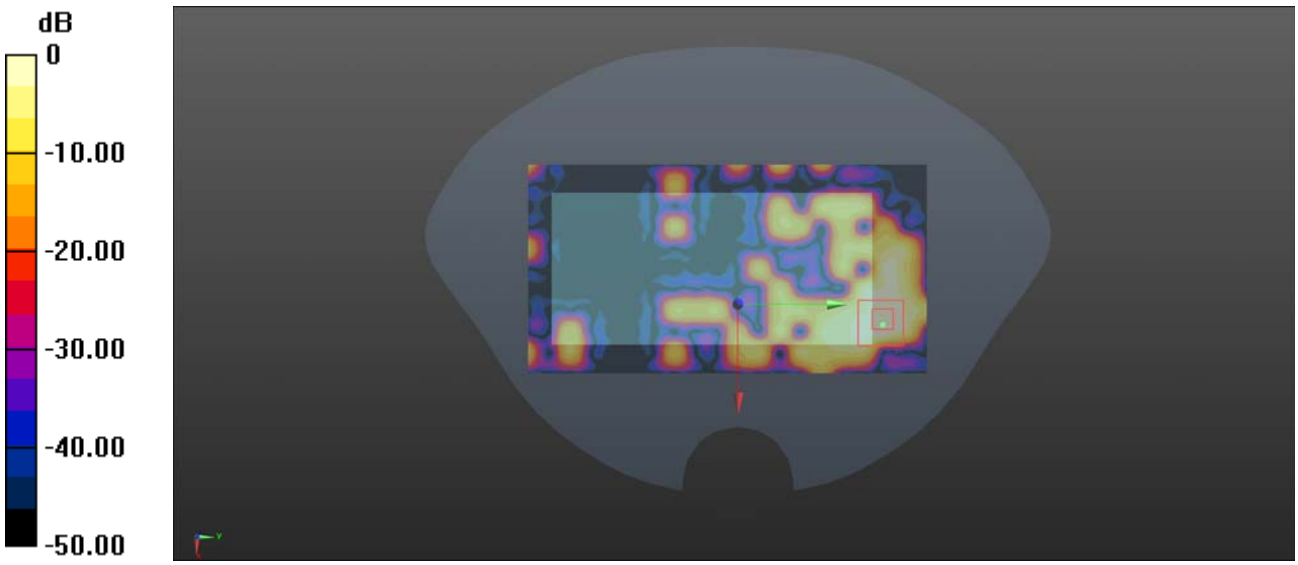
WLAN 5GHz Band 3_802.11ac-VHT40MCS0_Front Side_10mm_Ch142_Ant. 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5710 MHz;Duty Cycle: 1:1
Medium: MSL_5750_181222 Medium parameters used: f = 5710 MHz; σ = 6.016 S/m; ε_r = 47.531; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(3.99, 3.99, 3.99); Calibrated: 2017.09.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch142/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.401 W/kg

Ch142/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.283 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.566 W/kg
SAR(1 g) = 0.071W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.204 W/kg



0 dB = 0.204 W/kg

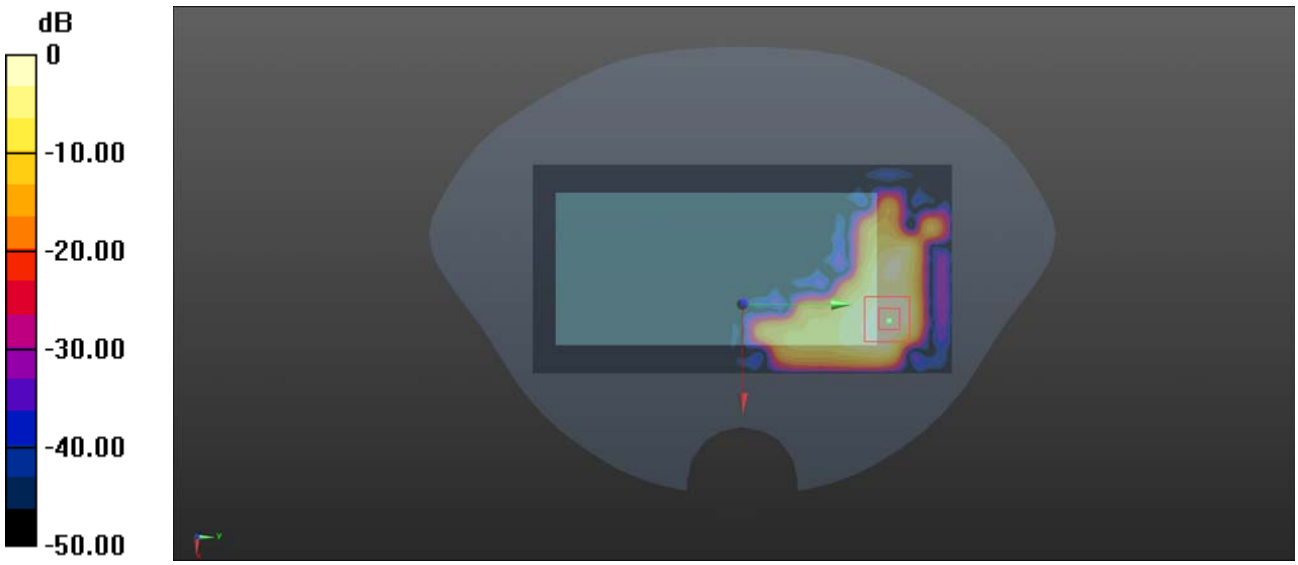
WLAN 5GHz Band 4_802.11ac-VHT40MCS0_Front Side_10mm_Ch151_Ant. 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5755 MHz;Duty Cycle: 1:1
Medium: MSL_5750_181222 Medium parameters used: f = 5755 MHz; σ = 6.051 S/m; ε_r = 47.338; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(3.99, 3.99, 3.99); Calibrated: 2017.09.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch151/Area Scan (101x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.336 W/kg

Ch151/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.478 W/kg
SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.035 W/kg
Maximum value of SAR (measured) = 0.276 W/kg



0 dB = 0.276 W/kg

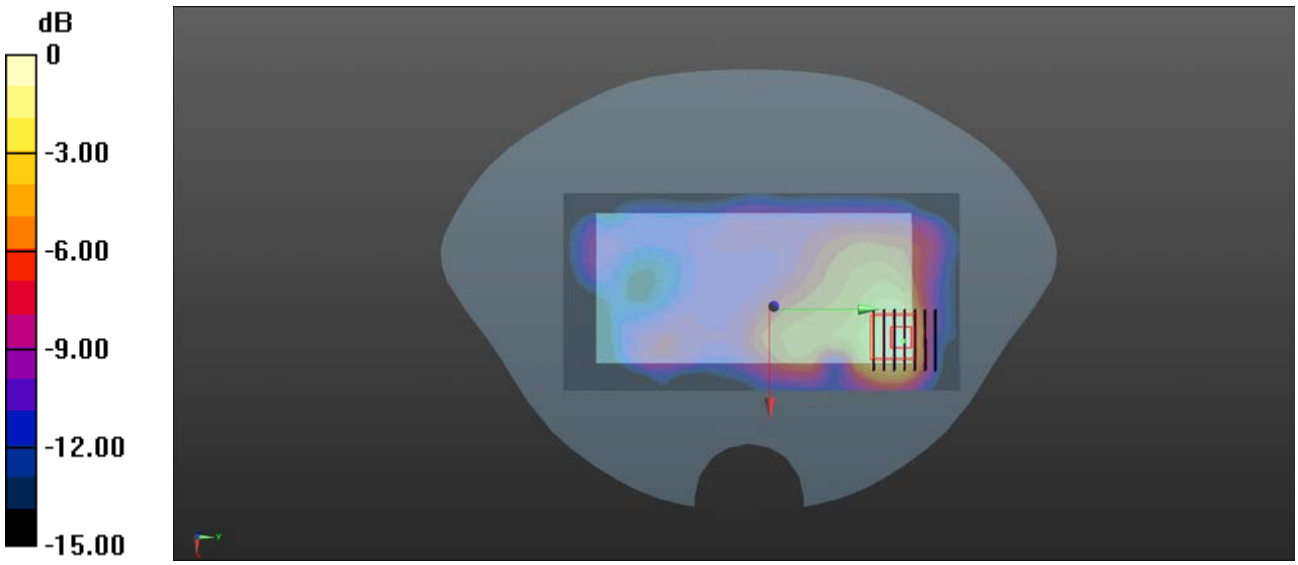
Bluetooth_DH5_Front Side_10mm_Ch78

Communication System: UID 0, Bluetooth (0); Frequency: 2482 MHz;Duty Cycle: 1:1
Medium: MSL_2450_181225 Medium parameters used: f = 2482 MHz; σ = 2.084 S/m; ε_r = 50.519; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch78/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.150 W/kg

Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.825 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.207 W/kg
SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.038 W/kg
Maximum value of SAR (measured) = 0.129 W/kg



0 dB = 0.150 W/kg

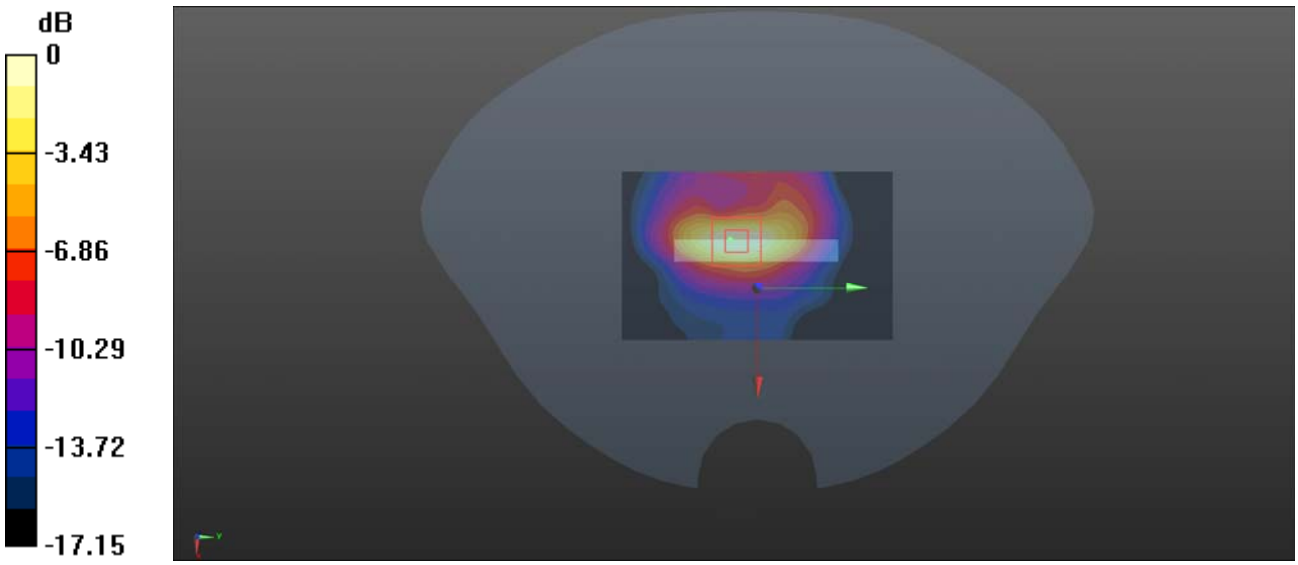
GSM850_GPRS(4TX slots)_Top Side_10mm_Ch128_Top Ant.

Communication System: UID 0, GSM850(class 12) (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_835_181216 Medium parameters used: f = 824.2 MHz; σ = 0.947 S/m; ε_r = 54.481; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch128/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.458 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.24 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.831 W/kg
SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.203 W/kg
Maximum value of SAR (measured) = 0.470 W/kg



0 dB = 0.470 W/kg

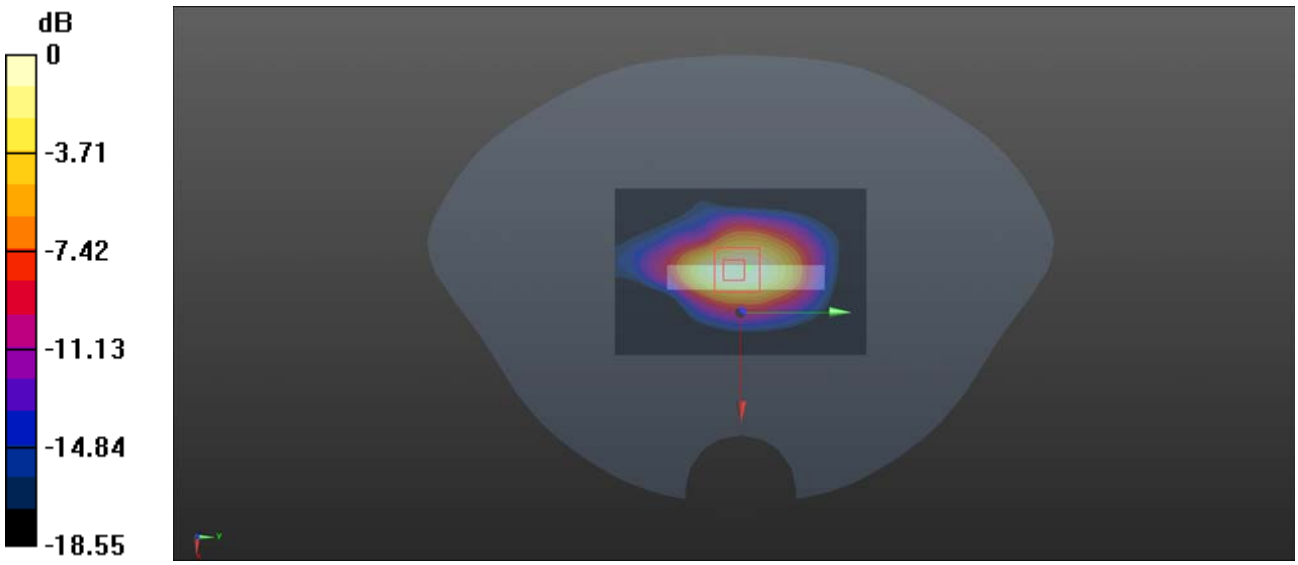
GSM1900_GPRS(4TX slots)_Top Side_10mm_Ch661_Top Ant.

Communication System: UID 0, PCS1900(class 12) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_181214 Medium parameters used: f = 1880 MHz; σ = 1.509 S/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.177 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.12 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.301 W/kg
SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.080 W/kg
Maximum value of SAR (measured) = 0.181 W/kg



0 dB = 0.181 W/kg

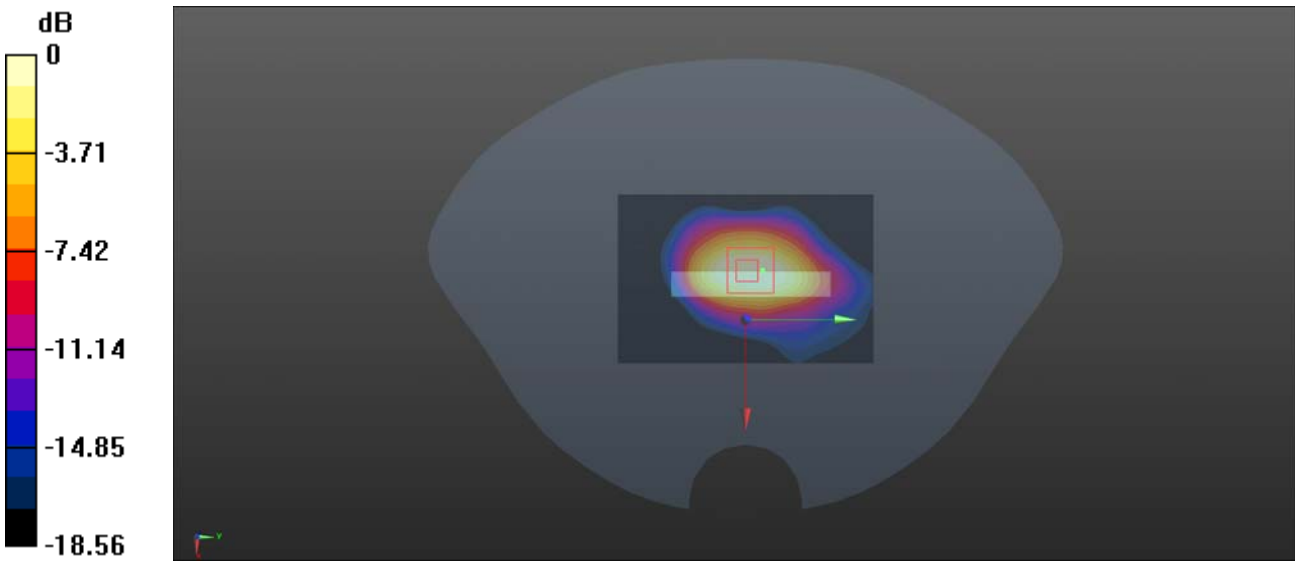
WCDMA Band II_RMC 12.2Kbps_Bottom Side_10mm_Ch9400_Bottom Ant.

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_181214 Medium parameters used: f = 1880 MHz; σ = 1.509 S/m; ε_r = 52.468; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.484 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.04 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.729 W/kg
SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.209 W/kg
Maximum value of SAR (measured) = 0.444 W/kg



0 dB = 0.444 W/kg

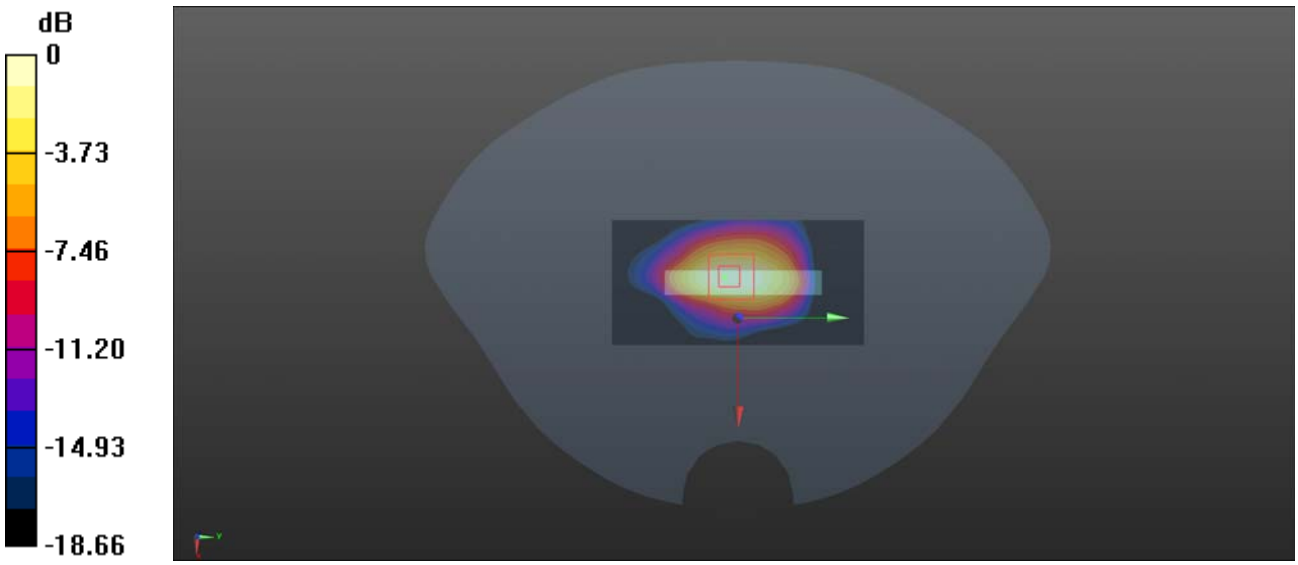
WCDMA Band IV_RMC 12.2Kbps_Top Side_10mm_Ch1413_Top Ant.

Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750_181213 Medium parameters used: f = 1733 MHz; σ = 1.471 S/m; ε_r = 54.144; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.65, 7.65, 7.65); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1413/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.467 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.93 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.745 W/kg
SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.210 W/kg
Maximum value of SAR (measured) = 0.461 W/kg



0 dB = 0.461 W/kg

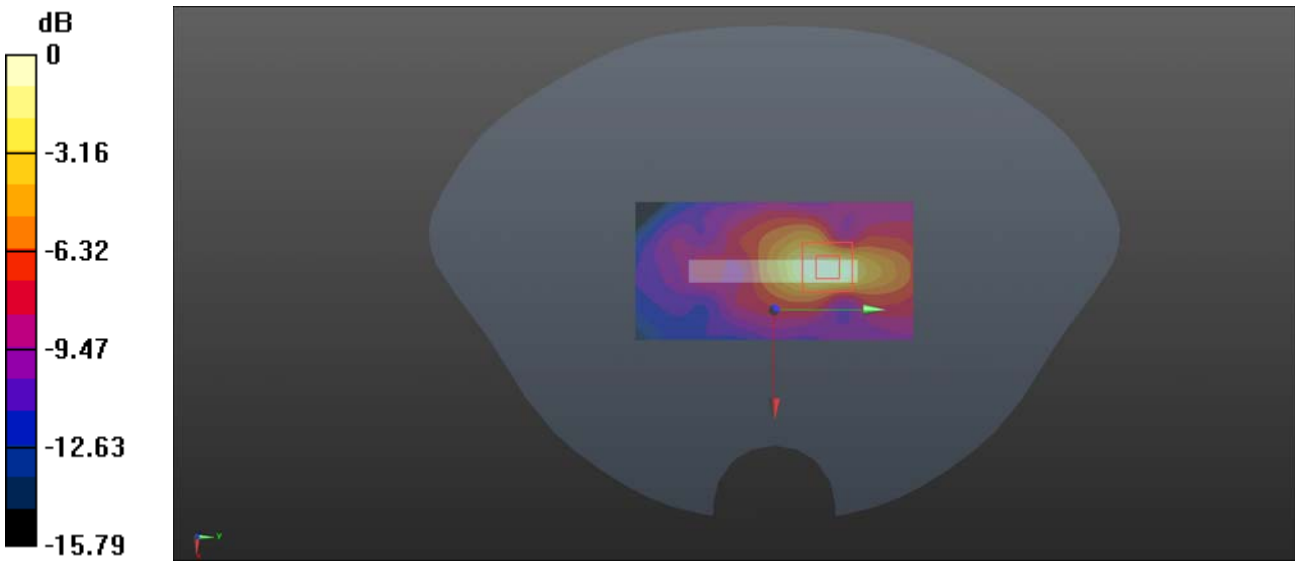
WCDMA Band V_RMC 12.2Kbps_Top Side_10mm_Ch4182_Top Ant.

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_181216 Medium parameters used: f = 836.4 MHz; σ = 0.947 S/m; ε_r = 54.317; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4182/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.320 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.24 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.651 W/kg
SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.163 W/kg
Maximum value of SAR (measured) = 0.375 W/kg



0 dB = 0.375 W/kg

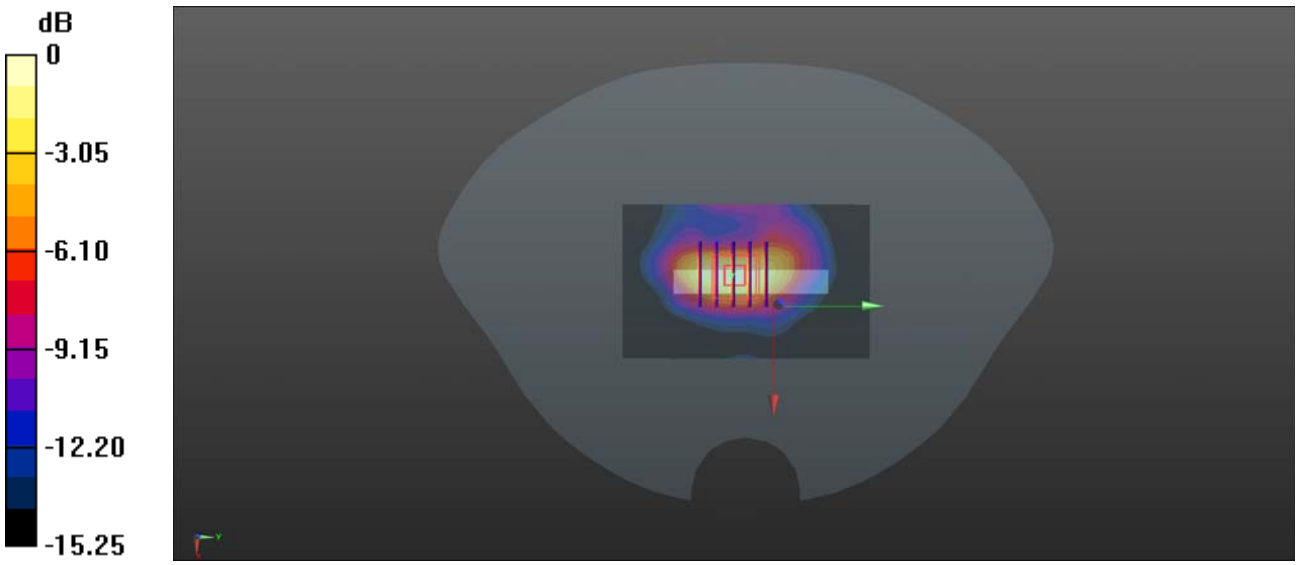
CDMA2000 BC0_RTAP 153.6Kbps_Top Side_10mm_Ch1013_Top Ant.

Communication System: UID 0, CDMA 2000 (0); Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835_181216 Medium parameters used: f = 825 MHz; σ = 0.947 S/m; ε_r = 54.475; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1013/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.246 W/kg

Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.46 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.447 W/kg
SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.111 W/kg
Maximum value of SAR (measured) = 0.255 W/kg



0 dB = 0.255 W/kg

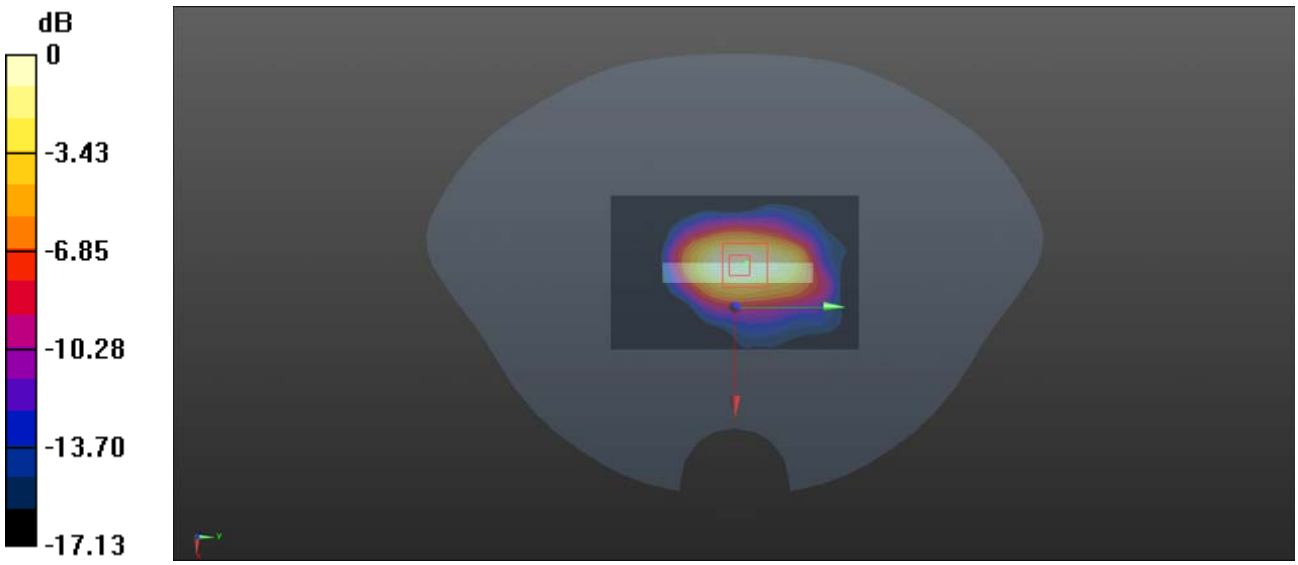
LTE Band 2_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch19100_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_181214 Medium parameters used: f = 1900 MHz; σ = 1.532 S/m; ε_r = 52.397; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch19100/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.528 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.67 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.854 W/kg
SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.242 W/kg
Maximum value of SAR (measured) = 0.504 W/kg



0 dB = 0.504 W/kg

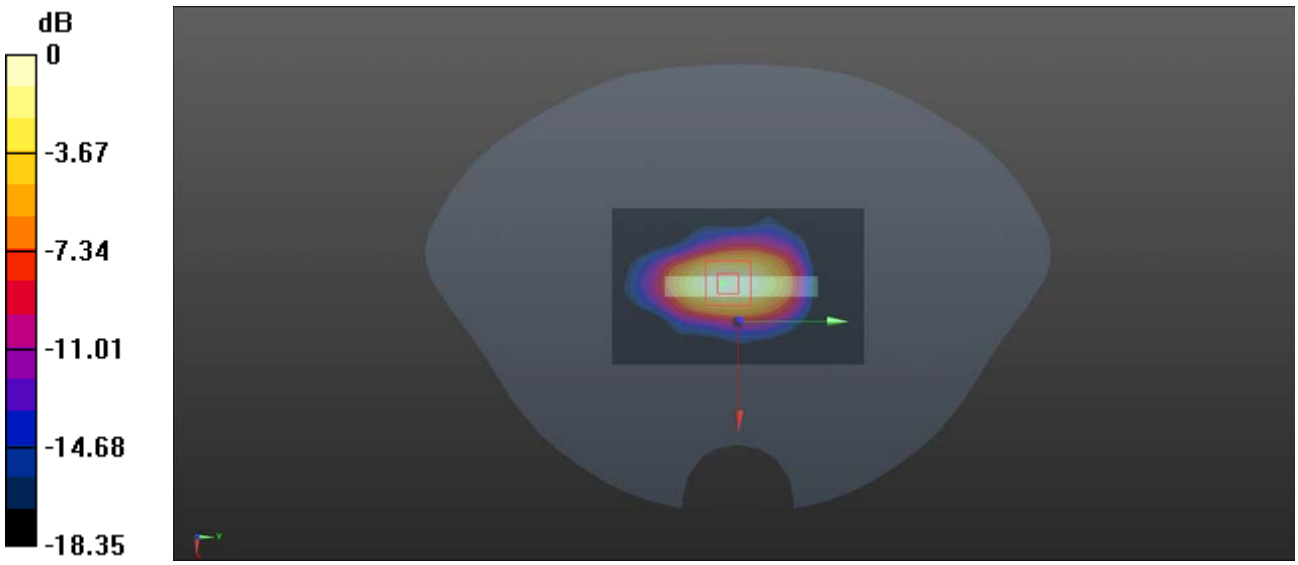
LTE Band 4_20MHz_QPSK_1RB_0Offset_Top Side_10mm_Ch20175_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1750_181213 Medium parameters used: f = 1732.5 MHz; σ = 1.471 S/m; ε_r = 54.146; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.65, 7.65, 7.65); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.414 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.81 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.624 W/kg
SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.176 W/kg
Maximum value of SAR (measured) = 0.383 W/kg



0 dB = 0.383 W/kg

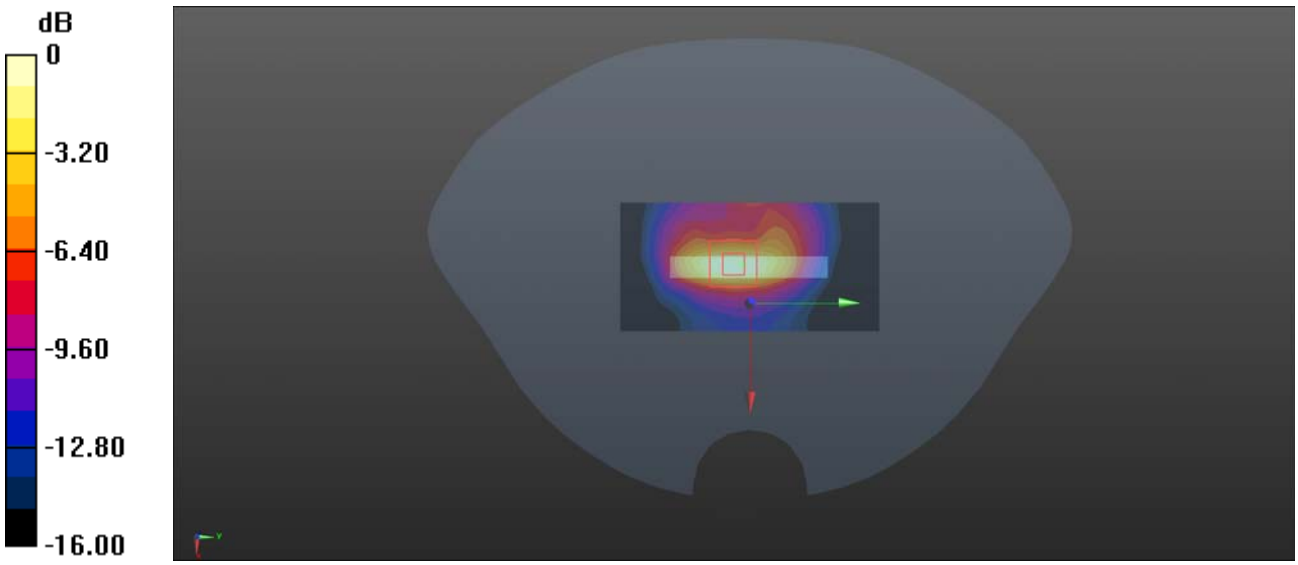
LTE Band 5_10MHz_QPSK_1RB_25Offset_Top Side_10mm_Ch20450_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 829 MHz;Duty Cycle: 1:1
Medium: MSL_835_181216 Medium parameters used: f = 829 MHz; σ = 0.947 S/m; ε_r = 54.315; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20450/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.261 W/kg

Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.24 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.487 W/kg
SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.117 W/kg
Maximum value of SAR (measured) = 0.272 W/kg



0 dB = 0.272 W/kg

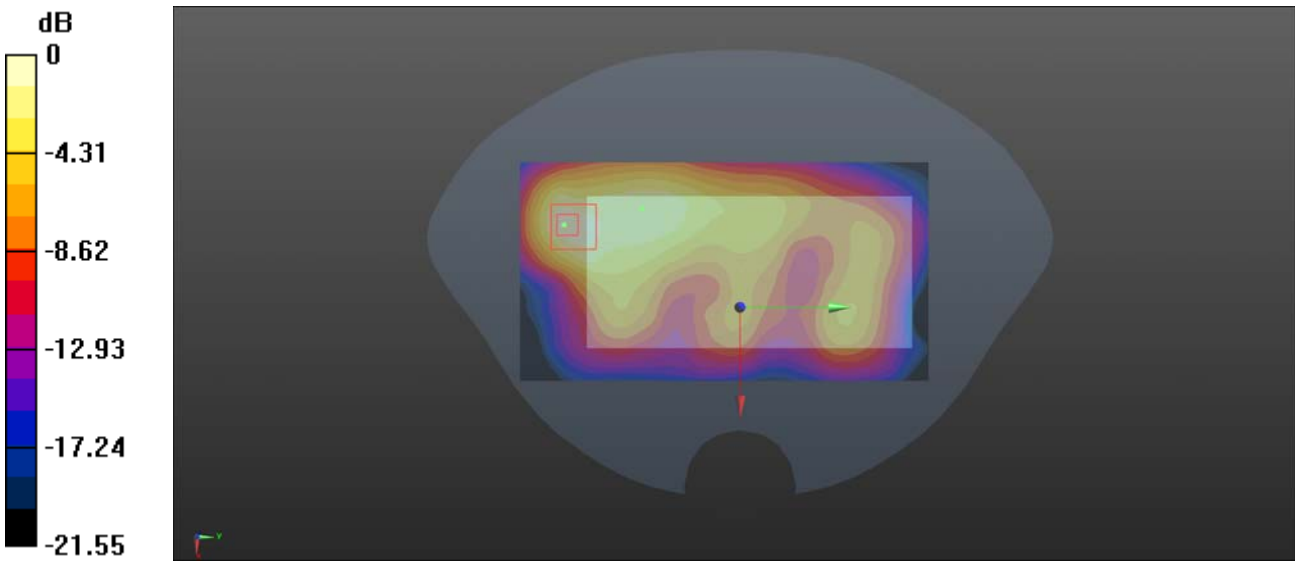
LTE Band 7_20MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch21350_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_181213 Medium parameters used: f = 2560 MHz; σ = 2.106 S/m; ε_r = 51.275; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21350/Area Scan (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.733 W/kg

Ch21350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.374 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.354 W/kg
Maximum value of SAR (measured) = 0.839 W/kg



0 dB = 0.839 W/kg

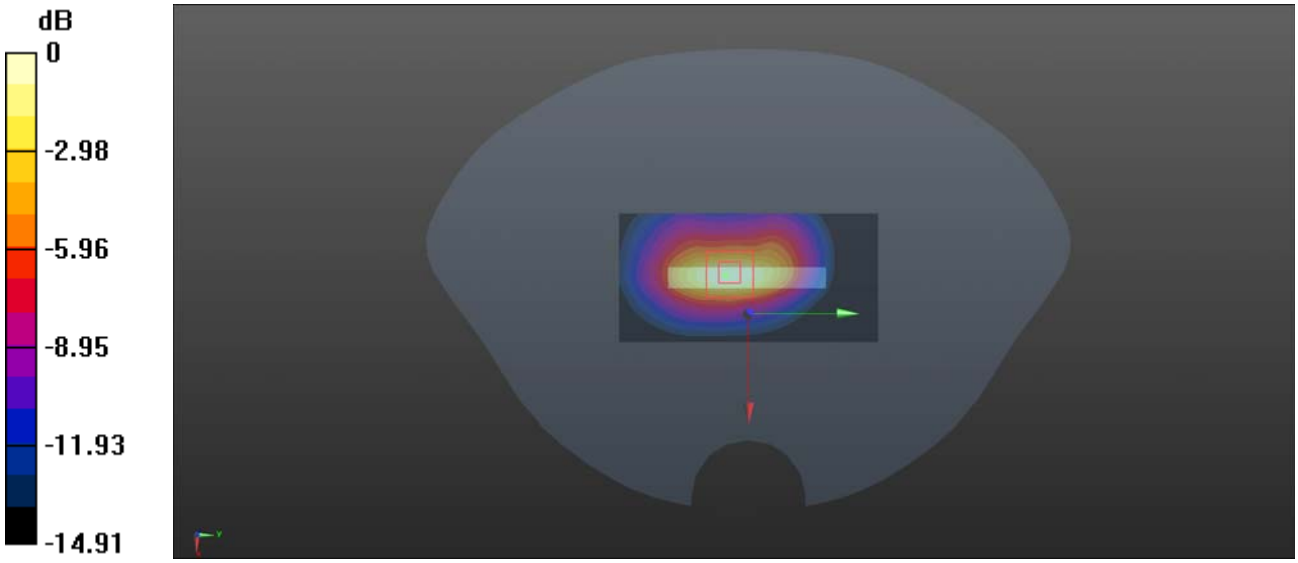
LTE Band 17_10MHz_QPSK_1RB_0Offset_Top Side_10mm_Ch23790_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_181226 Medium parameters used: f = 710 MHz; σ = 0.936 S/m; ε_r = 55.14; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3154; ConvF(6.22, 6.22, 6.22); Calibrated: 2017.10.30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23790/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.452 W/kg

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.24 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.842 W/kg
SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.216 W/kg
Maximum value of SAR (measured) = 0.478 W/kg



0 dB = 0.478 W/kg

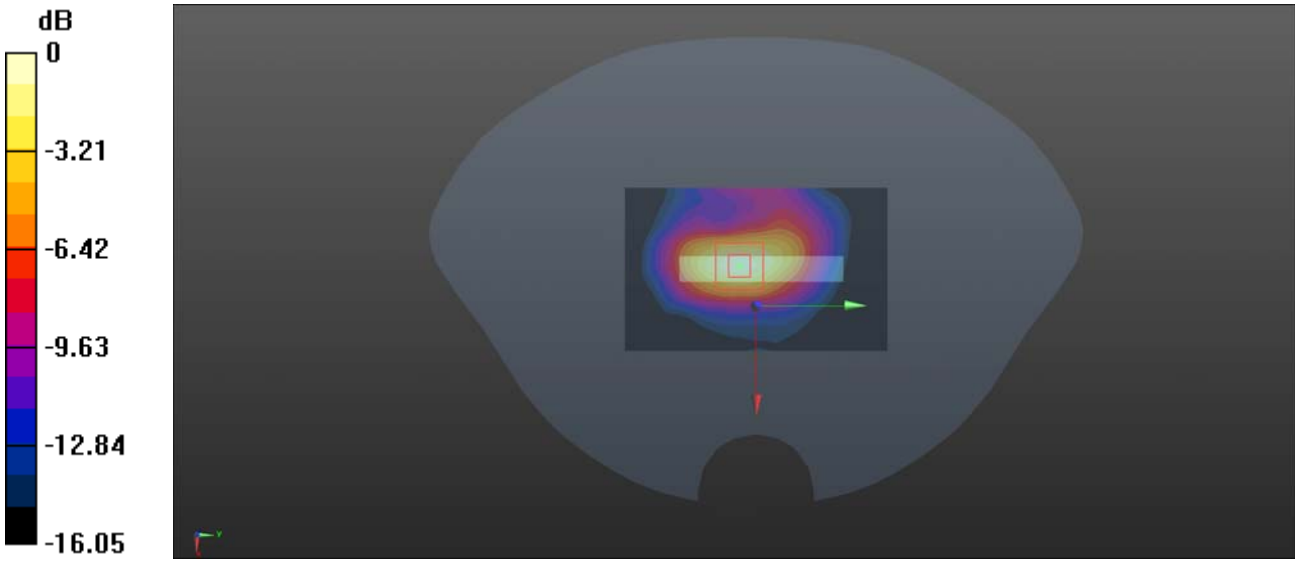
LTE Band 18_15MHz_QPSK_1RB_0Offset_Top Side_10mm_Ch23925_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 822.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_181216 Medium parameters used: f = 822.5 MHz; σ = 0.947 S/m; ε_r = 54.488; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23925/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.257 W/kg

Ch23925/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.99 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.490 W/kg
SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.120 W/kg
Maximum value of SAR (measured) = 0.282 W/kg



0 dB = 0.282 W/kg

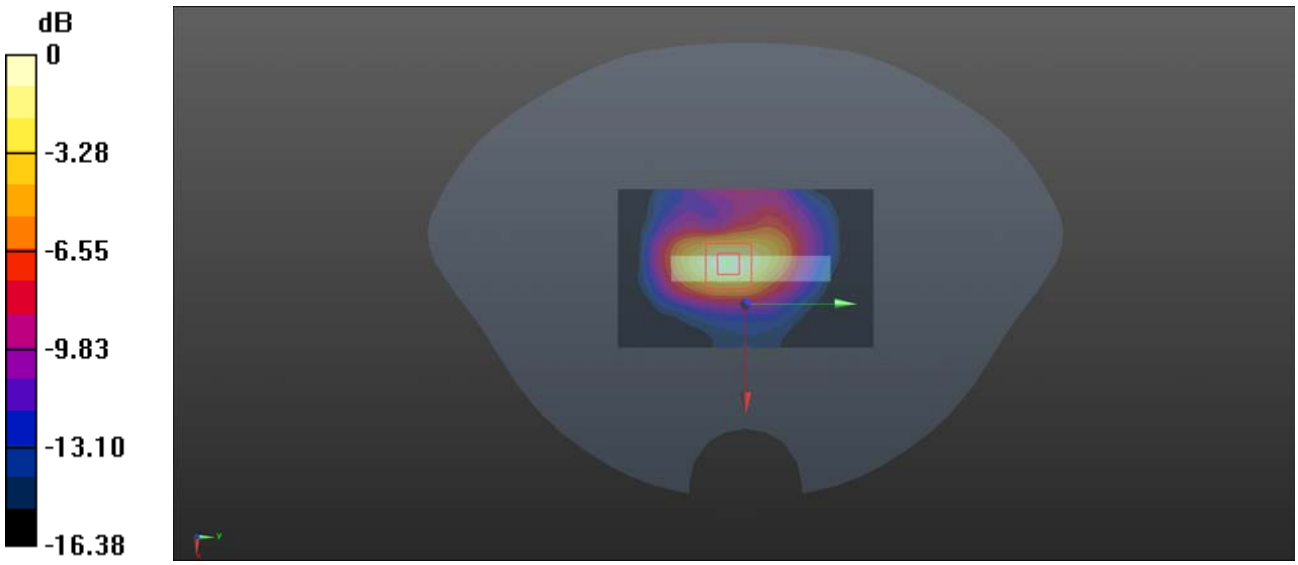
LTE Band 19_15MHz_QPSK_1RB_0Offset_Top Side_10mm_Ch24075_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 837.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_181216 Medium parameters used: f = 837.5 MHz; σ = 0.947 S/m; ε_r = 54.294; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch24075/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.274 W/kg

Ch24075/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.78 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.536 W/kg
SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.130 W/kg
Maximum value of SAR (measured) = 0.306 W/kg



0 dB = 0.306 W/kg

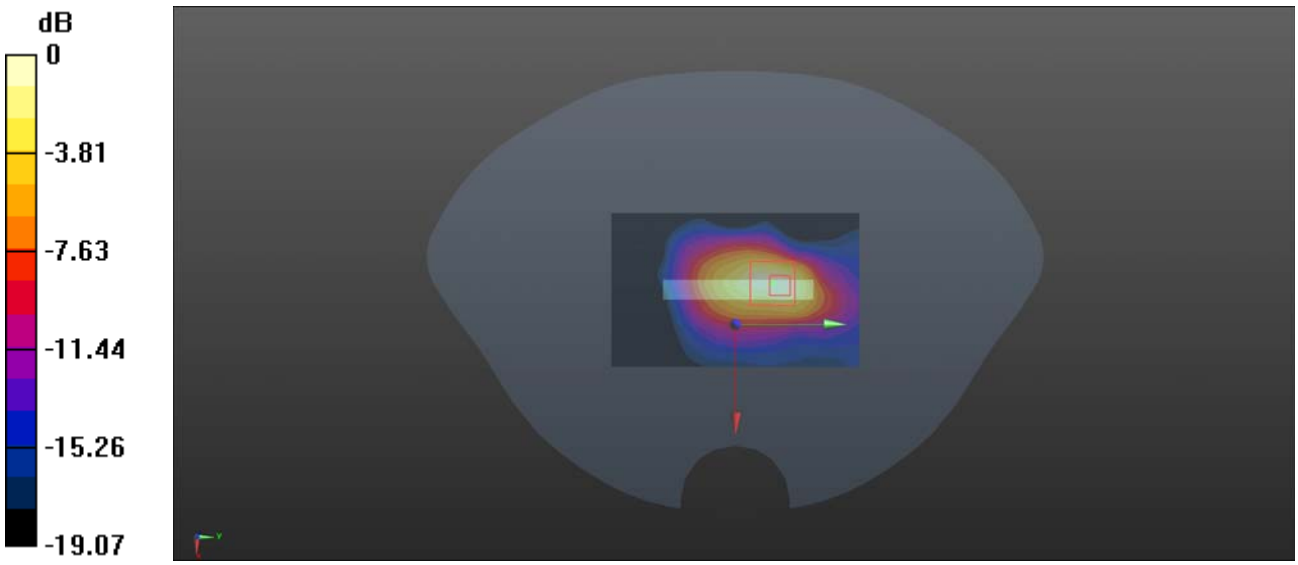
LTE Band 25_20MHz_QPSK_1RB_99Offset_Bottom Side_Ch26140_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_181214 Medium parameters used: f = 1860 MHz; σ = 1.486 S/m; ε_r = 52.541; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26140/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.406 W/kg

Ch26140/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.31 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.781 W/kg
SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 0.435 W/kg



0 dB = 0.435 W/kg

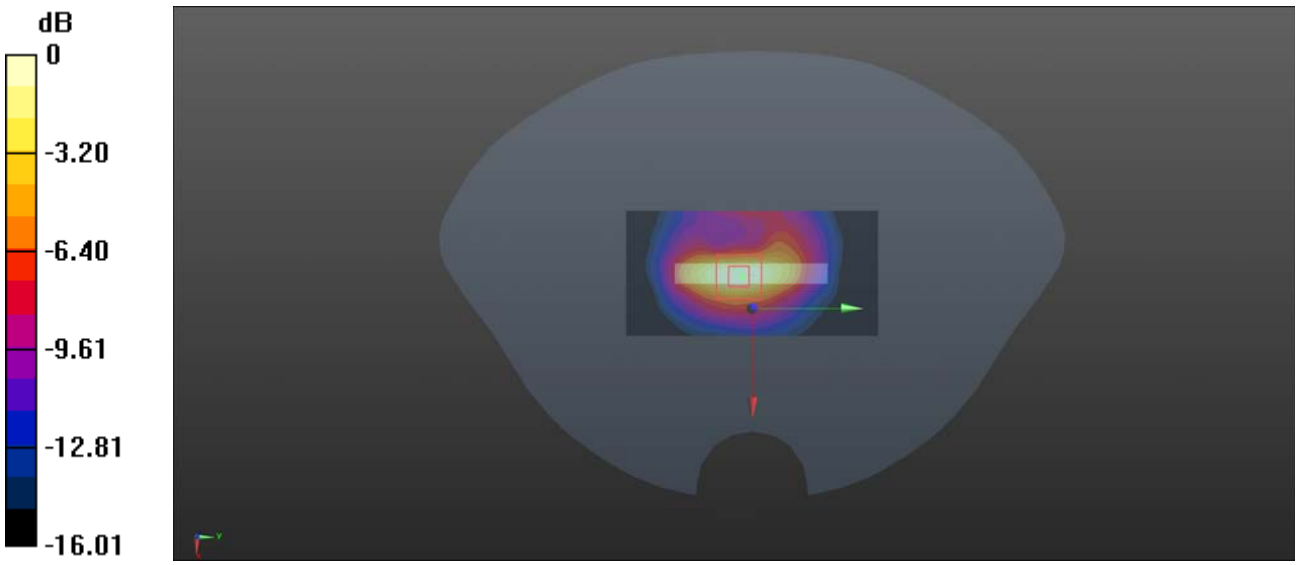
LTE Band 26_15MHz_QPSK_1RB_37Offset_Top Side_10mm_Ch26865_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: MSL_835_181216 Medium parameters used: f = 831.5 MHz; σ = 0.947 S/m; ε_r = 54.404; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.24, 9.24, 9.24); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26865/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.261 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.25 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.472 W/kg
SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.114 W/kg
Maximum value of SAR (measured) = 0.269 W/kg



0 dB = 0.269 W/kg

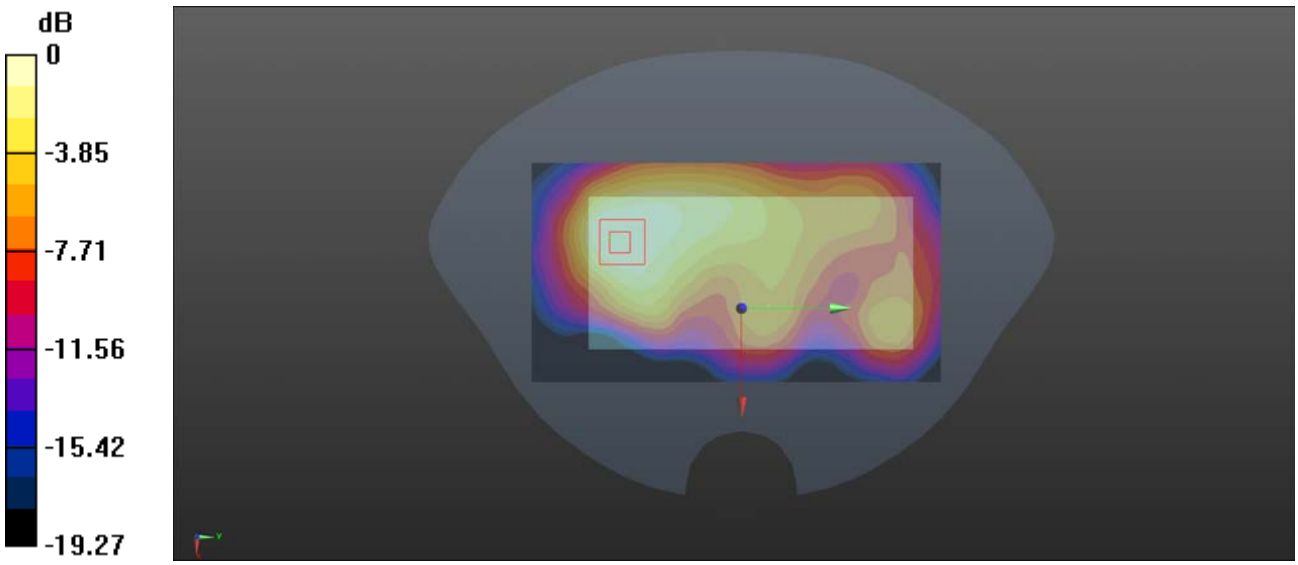
LTE Band 30_10MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch27710_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: MSL_2300_181214 Medium parameters used: f = 2310 MHz; σ = 1.666 S/m; ε_r = 40.229; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.55, 7.55, 7.55); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch27710/Area Scan (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.449 W/kg

Ch27710/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.291 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.774 W/kg
SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.227 W/kg
Maximum value of SAR (measured) = 0.434 W/kg



0 dB = 0.434 W/kg

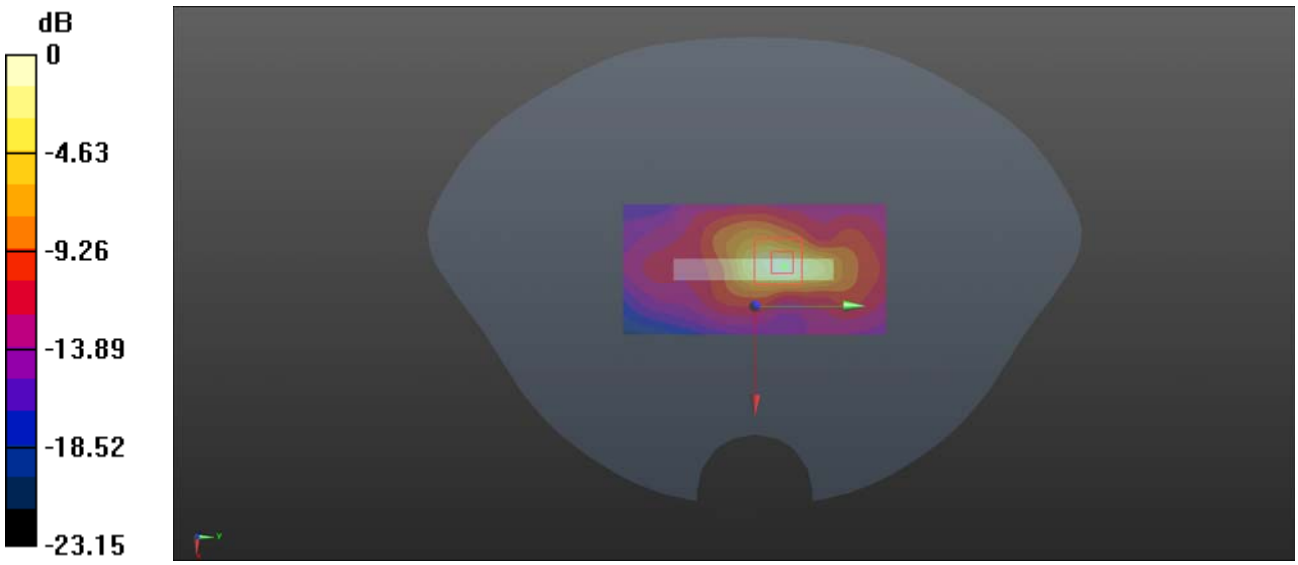
LTE Band 38_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch37850_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 2580 MHz;Duty Cycle: 1:1
Medium: MSL_2600_181213 Medium parameters used: f = 2580 MHz; σ = 2.158 S/m; ε_r = 50.842; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.01, 7.01, 7.01); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch37850/Area Scan (41x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.433 W/kg

Ch37850/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.66 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.908 W/kg
SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.152 W/kg
Maximum value of SAR (measured) = 0.457 W/kg



0 dB = 0.457 W/kg

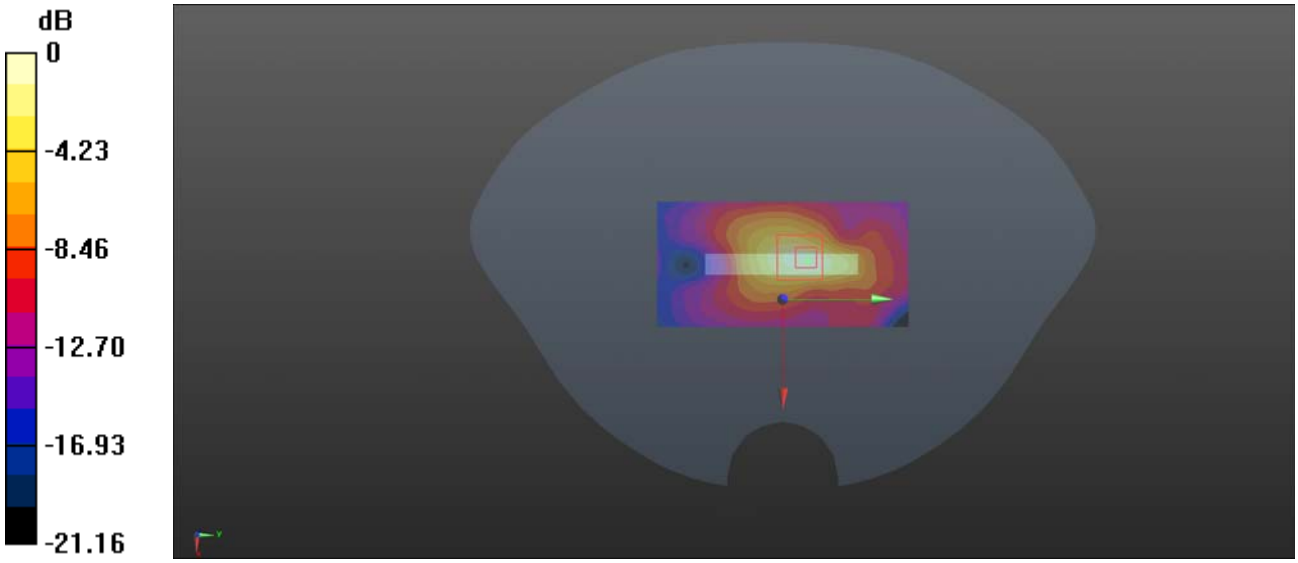
LTE Band 40_10MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch39200_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 2355 MHz;Duty Cycle: 1:1
Medium: MSL_2300_190130 Medium parameters used: f = 2355 MHz; σ = 1.778 S/m; ε_r = 39.915; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.55, 7.55, 7.55); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39200/Area Scan (41x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.278 W/kg

Ch39200/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.01 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.545 W/kg
SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.104 W/kg
Maximum value of SAR (measured) = 0.289 W/kg



0 dB = 0.289 W/kg

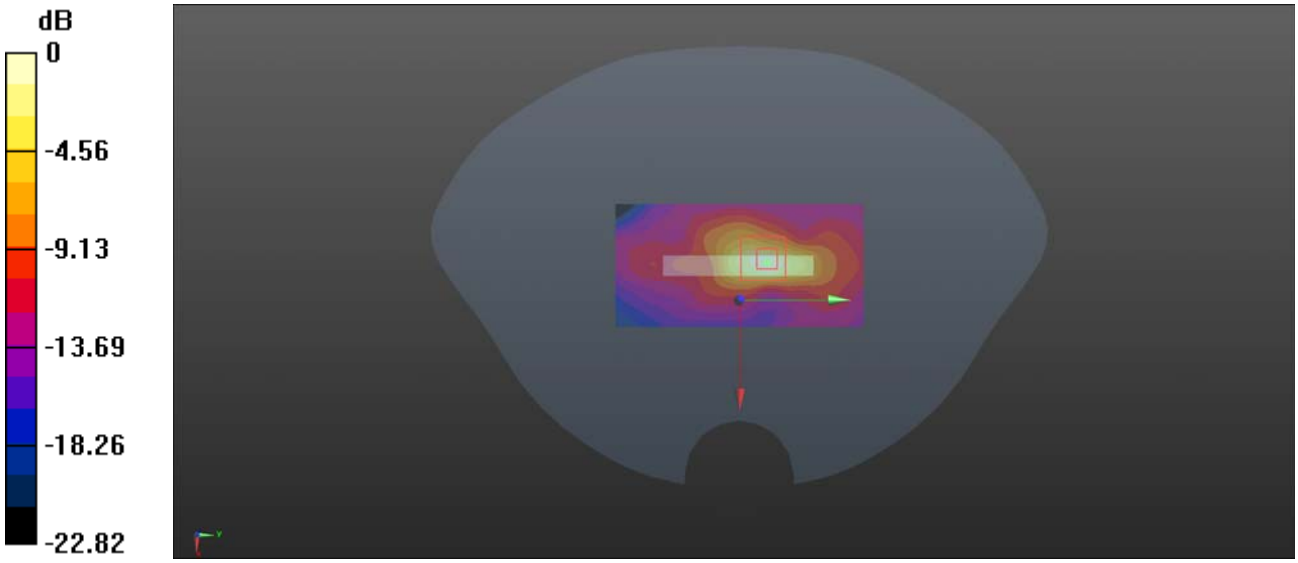
LTE Band 41_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch40620_Bottom Ant.

Communication System: UID 0, LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1
Medium: MSL_2600_181213 Medium parameters used: f = 2593 MHz; σ = 2.177 S/m; ε_r = 50.753; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.01, 7.01, 7.01); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40620/Area Scan (41x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.434 W/kg

Ch40620/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.35 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.969 W/kg
SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 0.459 W/kg



0 dB = 0.459 W/kg

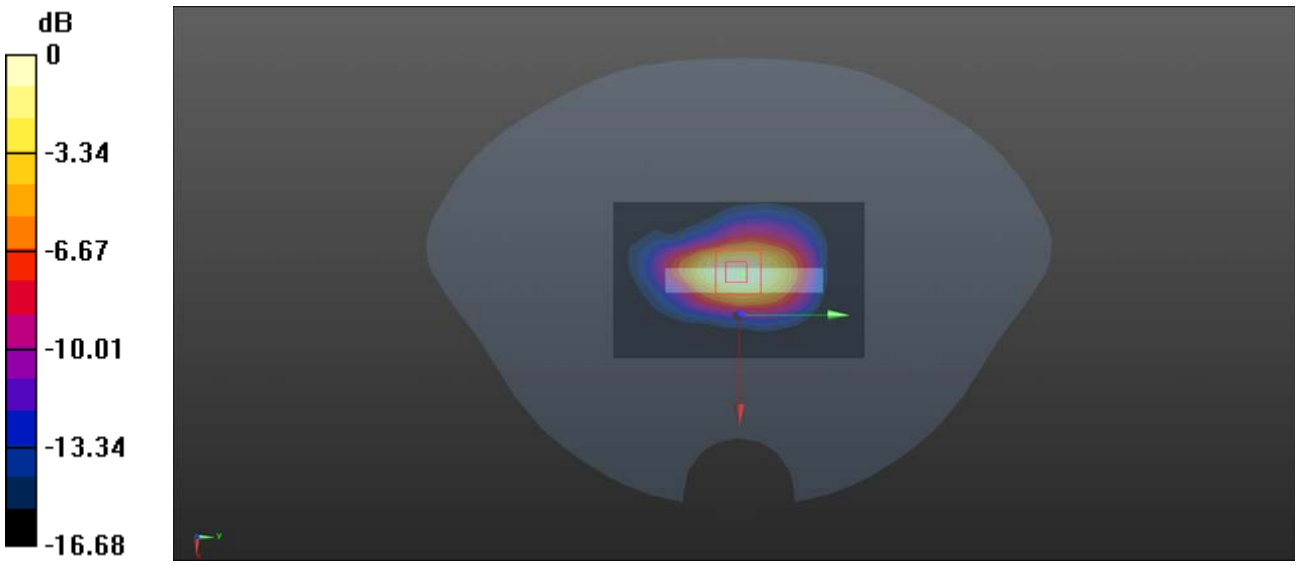
LTE Band 66_20MHz_QPSK_1RB_0Offset_Top Side_10mm_Ch132072_Top Ant.

Communication System: UID 0, LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750_181213 Medium parameters used: f = 1720 MHz; σ = 1.458 S/m; ε_r = 54.195; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.65, 7.65, 7.65); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132072/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.354 W/kg

Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.66 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.557 W/kg
SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.159 W/kg
Maximum value of SAR (measured) = 0.349 W/kg



0 dB = 0.349 W/kg

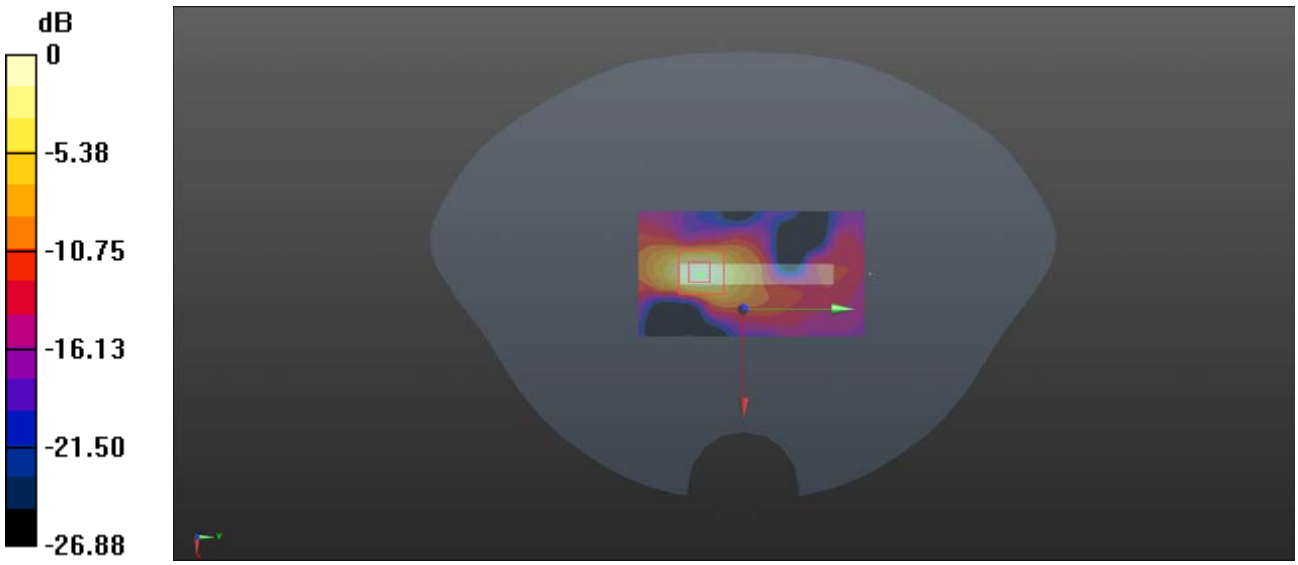
WLAN 2.4GHz_802.11b 1Mbps_Bottom Side_10mm_Ch11_Ant. 1

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2462 MHz;Duty Cycle: 1:2
Medium: MSL_2450_181225 Medium parameters used: f = 2462 MHz; σ = 2.058 S/m; ε_r = 50.542; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.654 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.770 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.107 W/kg
Maximum value of SAR (measured) = 0.520 W/kg



0 dB = 0.520 W/kg

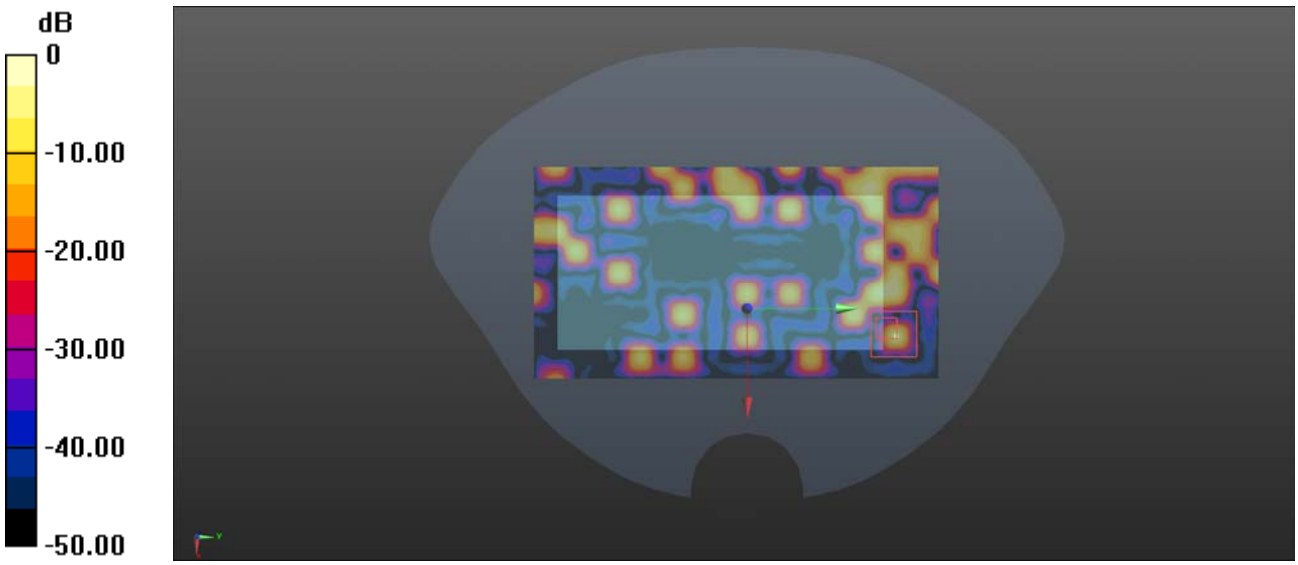
WLAN 5GHz Band 2_802.11n-HT40MCS0_Front Side_10mm_Ch62_Ant. 1

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5310 MHz;Duty Cycle: 1:1
Medium: MSL_5250_181222 Medium parameters used: f = 5310 MHz; σ = 5.512 S/m; ε_r = 48.209; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(4.46, 4.46, 4.46); Calibrated: 2017.09.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch62/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0492 W/kg

Ch62/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.583 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.535 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.00479 W/kg
Maximum value of SAR (measured) = 0.0895 W/kg



0 dB = 0.0895 W/kg

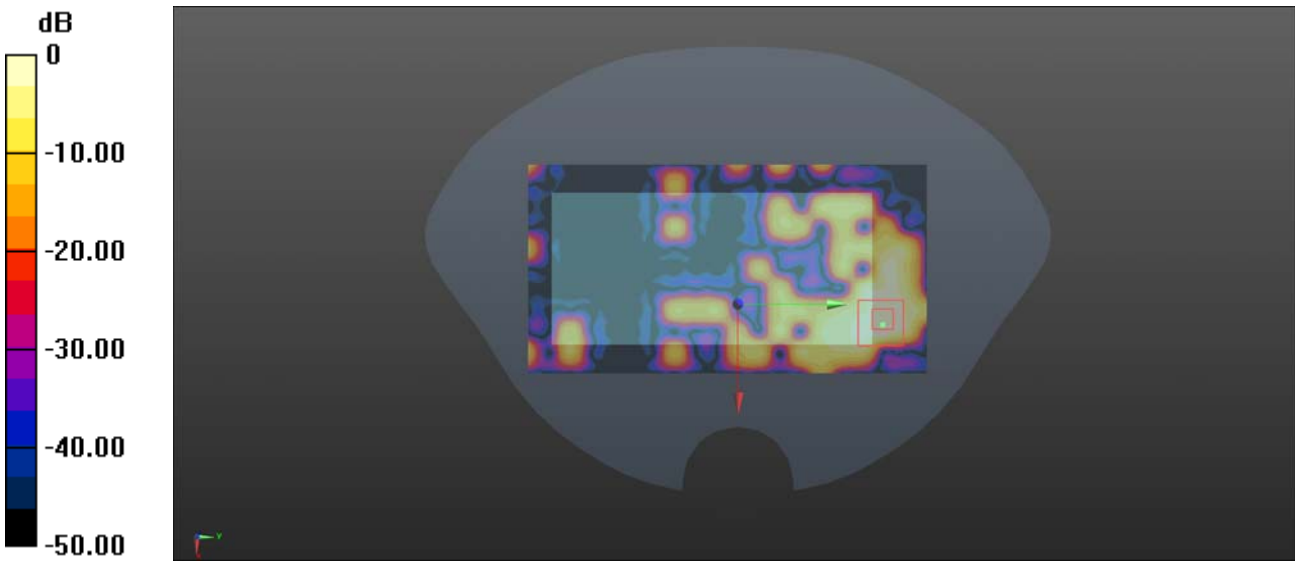
WLAN 5GHz Band 3_802.11ac-VHT40MCS0_Front Side_10mm_Ch142_Ant. 1

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5710 MHz;Duty Cycle: 1:1
Medium: MSL_5750_181222 Medium parameters used: f = 5710 MHz; σ = 6.016 S/m; ε_r = 47.531; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(3.99, 3.99, 3.99); Calibrated: 2017.09.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch142/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.401 W/kg

Ch142/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.283 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.566 W/kg
SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.204 W/kg



0 dB = 0.204 W/kg

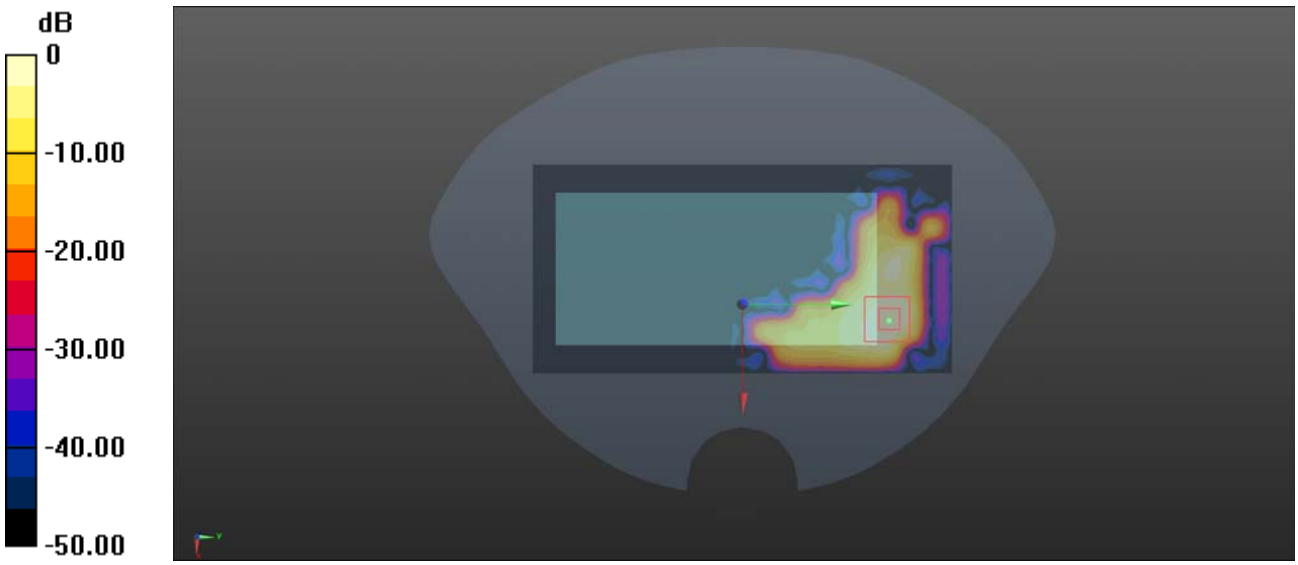
WLAN 5GHz Band 4_802.11ac-VHT40MCS0_Front Side_10mm_Ch151_Ant. 1

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5755 MHz;Duty Cycle: 1:1
Medium: MSL_5750_181222 Medium parameters used: f = 5755 MHz; σ = 6.051 S/m; ε_r = 47.338; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(3.99, 3.99, 3.99); Calibrated: 2017.09.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch151/Area Scan (101x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.336 W/kg

Ch151/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.478 W/kg
SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.035 W/kg
Maximum value of SAR (measured) = 0.276 W/kg



0 dB = 0.276 W/kg

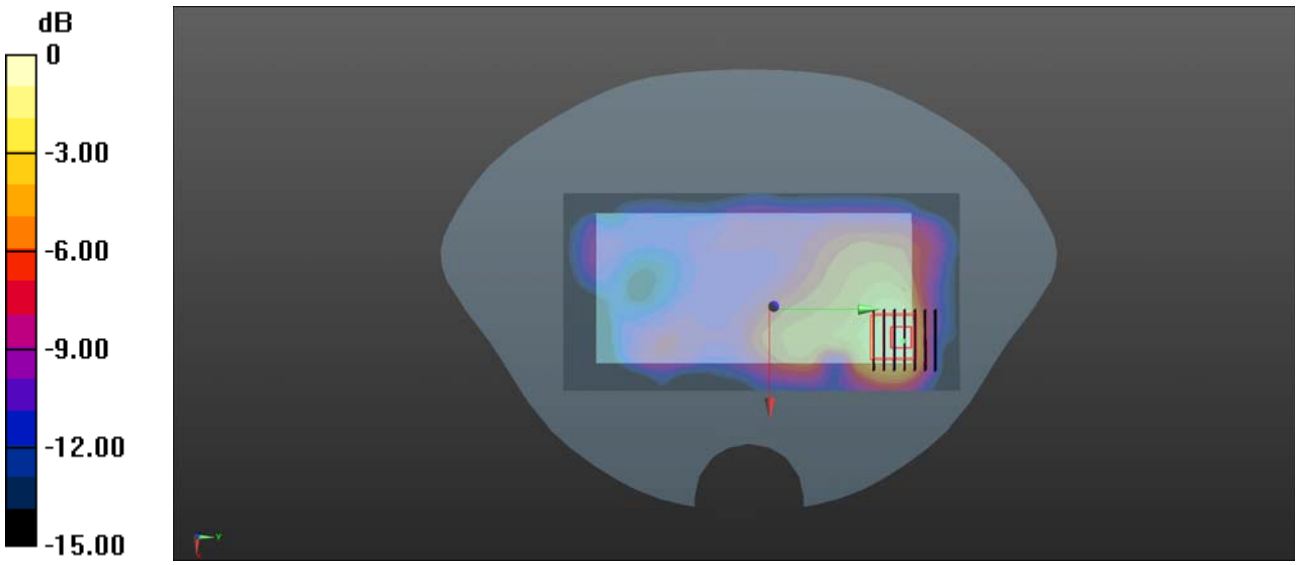
Bluetooth_DH5_Front Side_10mm_Ch78

Communication System: UID 0, Bluetooth (0); Frequency: 2482 MHz;Duty Cycle: 1:1
Medium: MSL_2450_181225 Medium parameters used: f = 2482 MHz; σ = 2.084 S/m; ε_r = 50.519; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch78/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.150 W/kg

Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.825 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.207 W/kg
SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.038 W/kg
Maximum value of SAR (measured) = 0.129 W/kg



0 dB = 0.150 W/kg