Annex D Plots of Maximum SAR Test Results

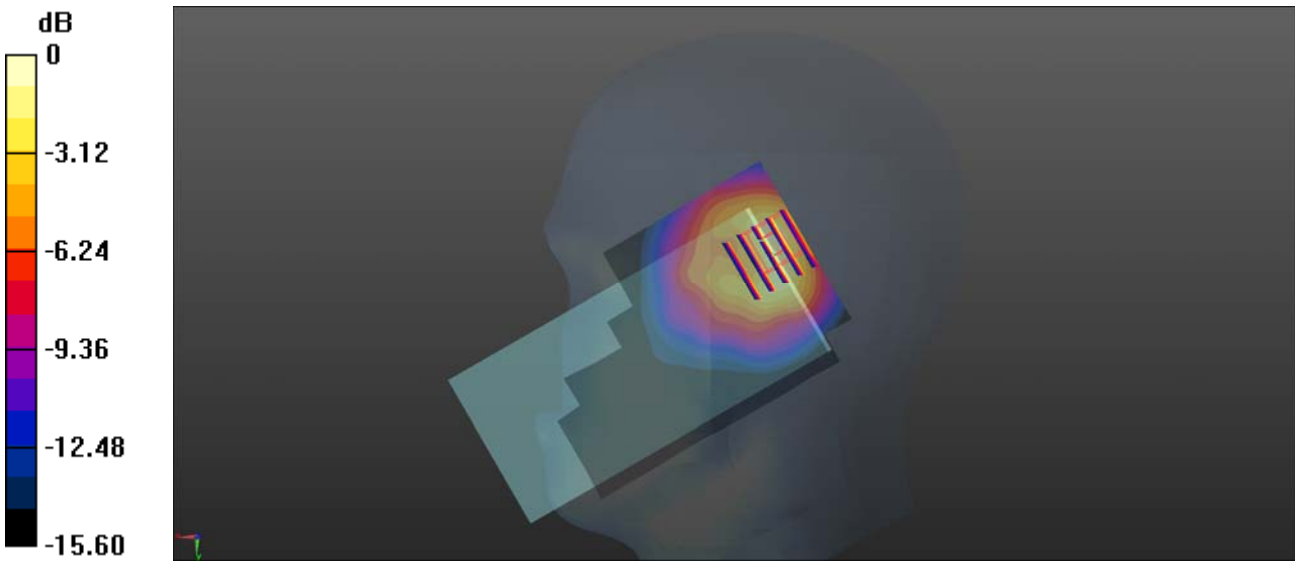
GSM850_GPRS(4 TX slots)_Right Tilt _Ch251

Communication System: UID 0, GSM850(class 12) (0); Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_835 Medium parameters used: f = 849 MHz; σ = 0.964 S/m; ε_r = 42.971; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch850/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.448 W/kg

Ch850/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.92 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.249 W/kg
Maximum value of SAR (measured) = 0.562 W/kg



0 dB = 0.562 W/kg

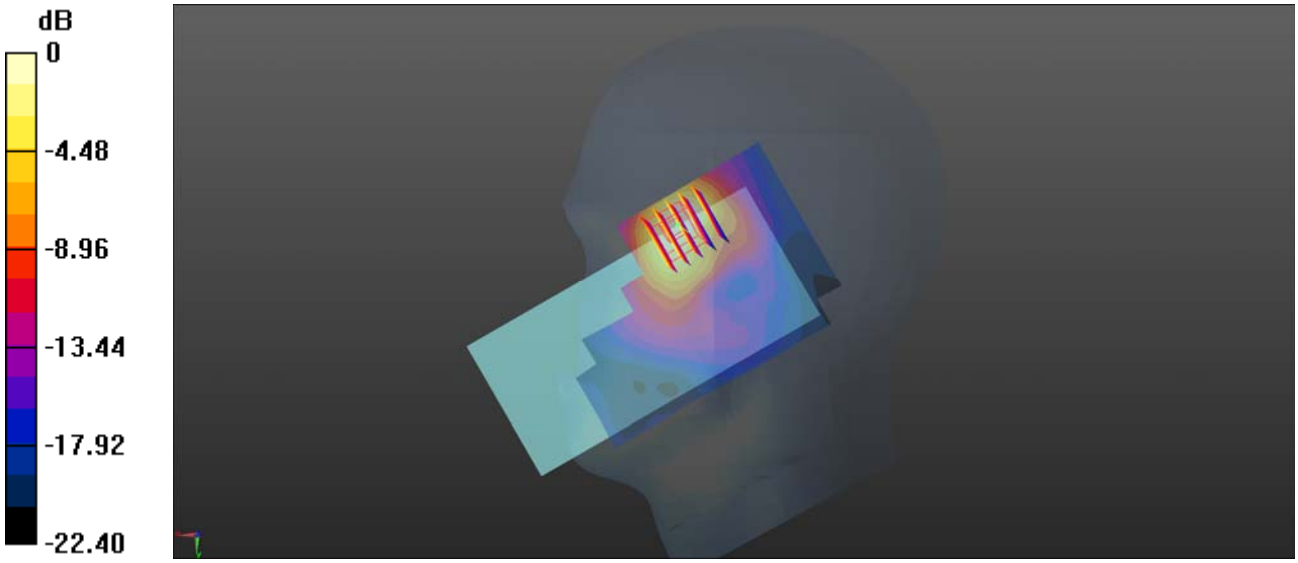
GSM1900_GPRS(4 TX slots)_Right Cheek _Ch661

Communication System: UID 0, PCS1900(class 12) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.321 S/m; ε_r = 39.882; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.397 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.072 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.810 W/kg
SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 0.365 W/kg



0 dB = 0.365 W/kg

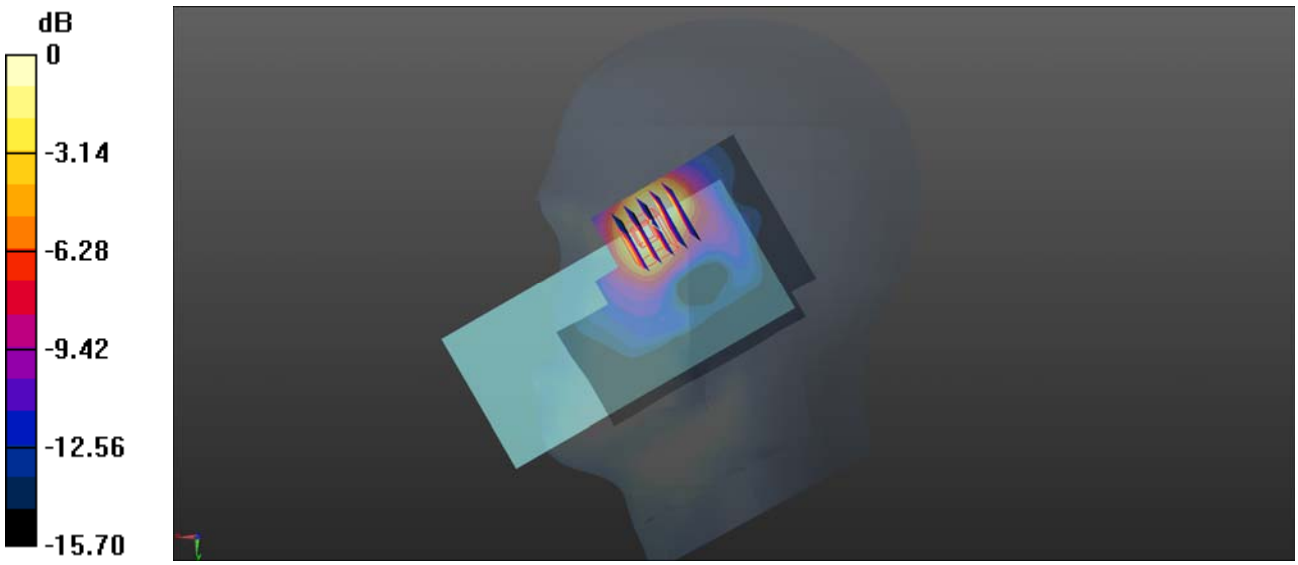
WCDMA Band II_RMC 12.2Kbps_Right Cheek_Ch9400

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.321 S/m; ε_r = 39.882; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.239 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.824 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.669 W/kg
SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.095 W/kg
Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.248 W/kg

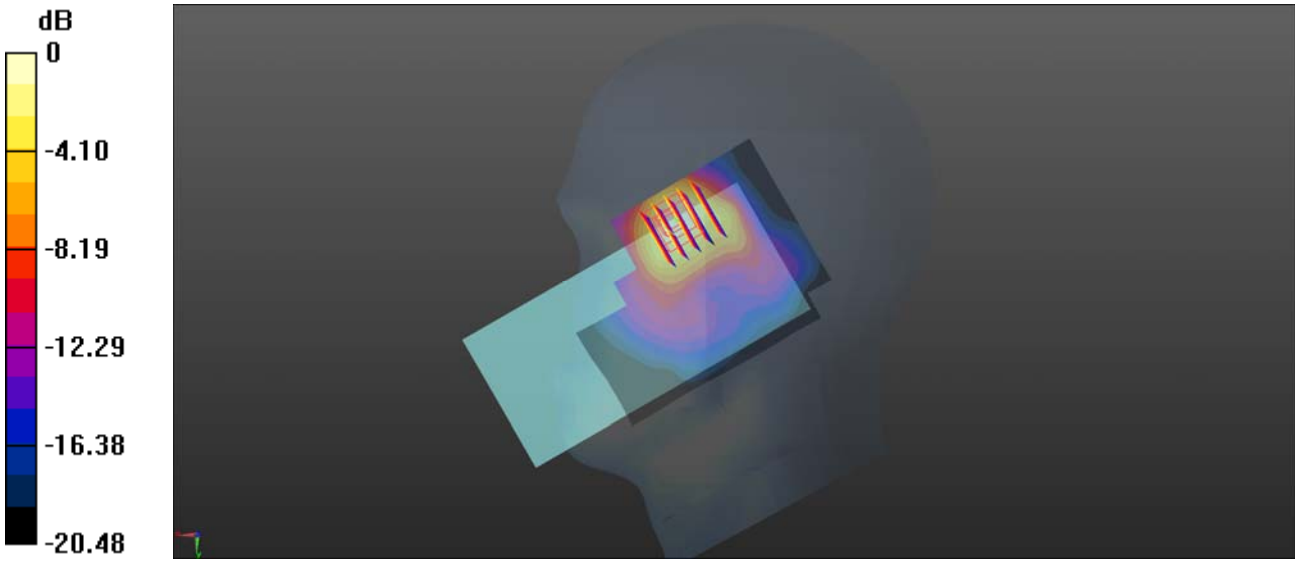
WCDMA Band IV_RMC 12.2Kbps_Right Cheek_Ch1413

Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1733 MHz; σ = 1.412 S/m; ε_r = 39.814; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.99, 7.99, 7.99); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1413/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.611 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.396 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.227 W/kg
Maximum value of SAR (measured) = 0.526 W/kg



0 dB = 0.526 W/kg

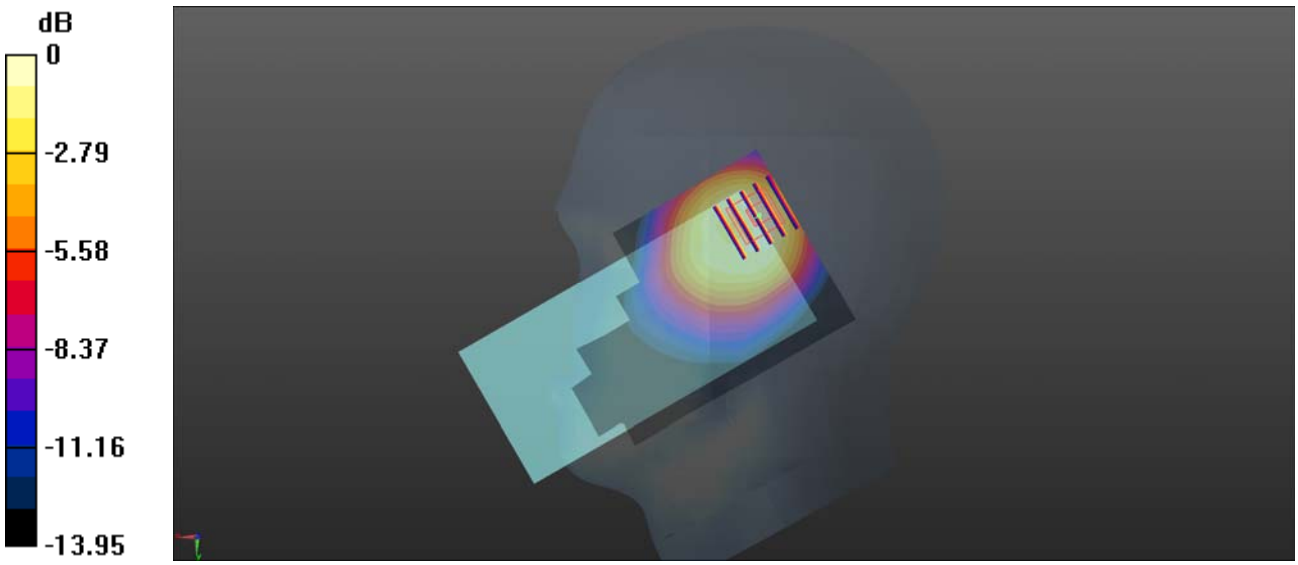
WCDMA Band V_RMC 12.2Kbps_Right Cheek_Ch4233

Communication System: UID 0, UMTS-FDD (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 847 MHz; σ = 0.959 S/m; ε_r = 43.168; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.476 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.04 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.825 W/kg
SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.223 W/kg
Maximum value of SAR (measured) = 0.463 W/kg



0 dB = 0.463 W/kg

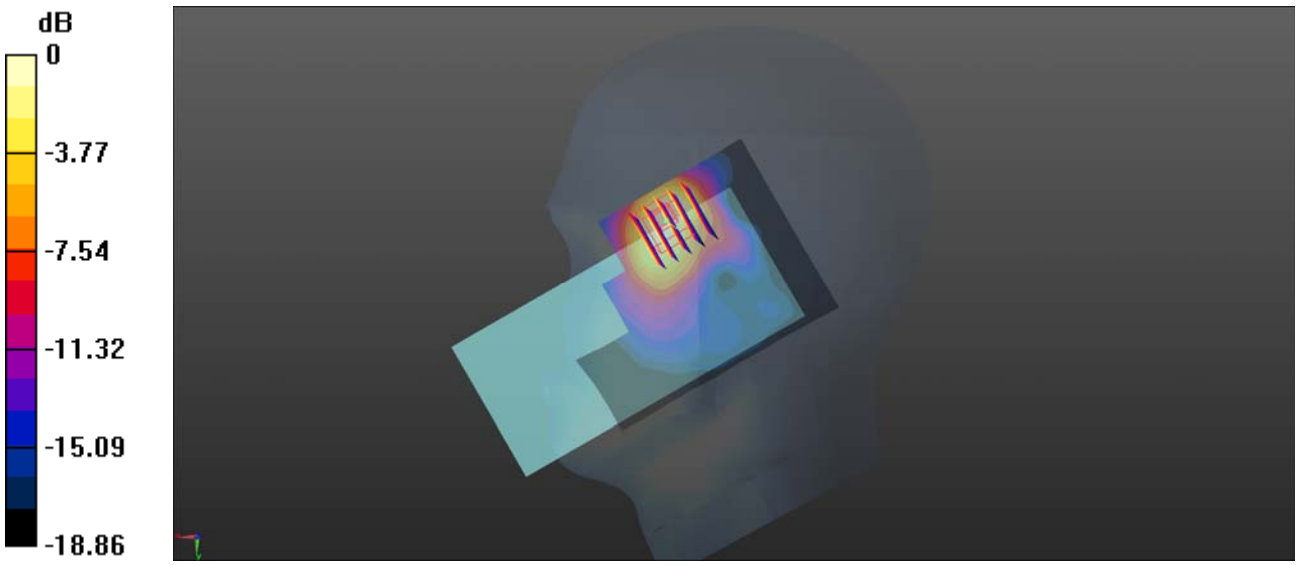
LTE Band 2_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch18900

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.321 S/m; ε_r = 39.882; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18900/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.322 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.246 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.596 W/kg
SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.280 W/kg



0 dB = 0.280 W/kg

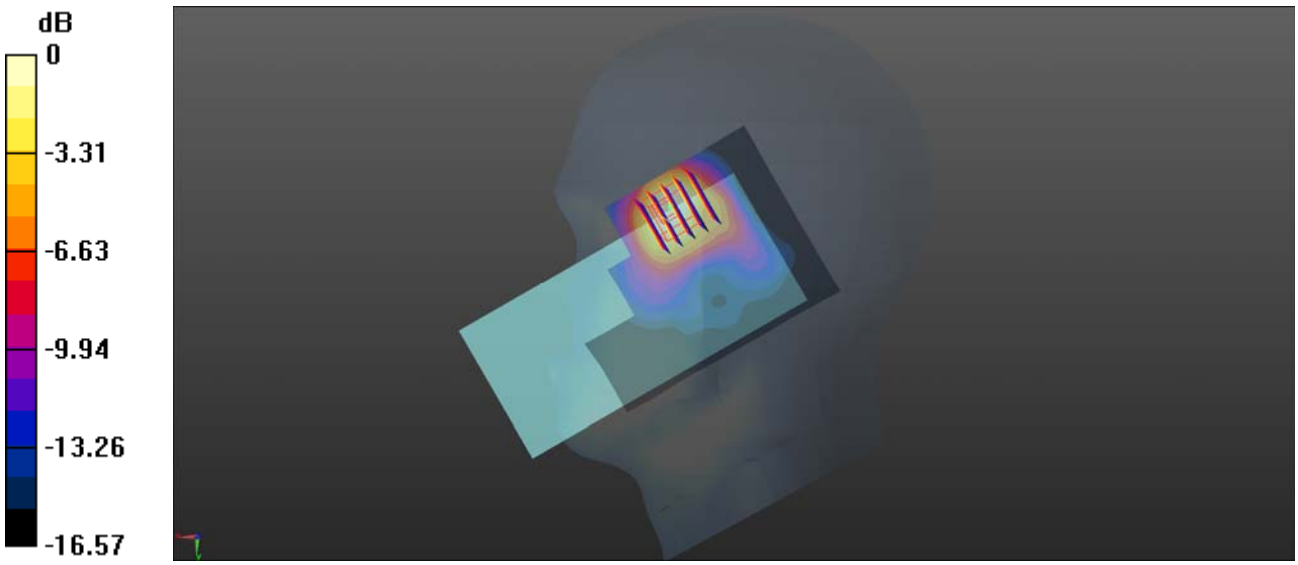
LTE Band 4_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch20175

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1732.5 MHz; σ = 1.412 S/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.99, 7.99, 7.99); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.349 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.894 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.134 W/kg
Maximum value of SAR (measured) = 0.293 W/kg



0 dB = 0.293 W/kg

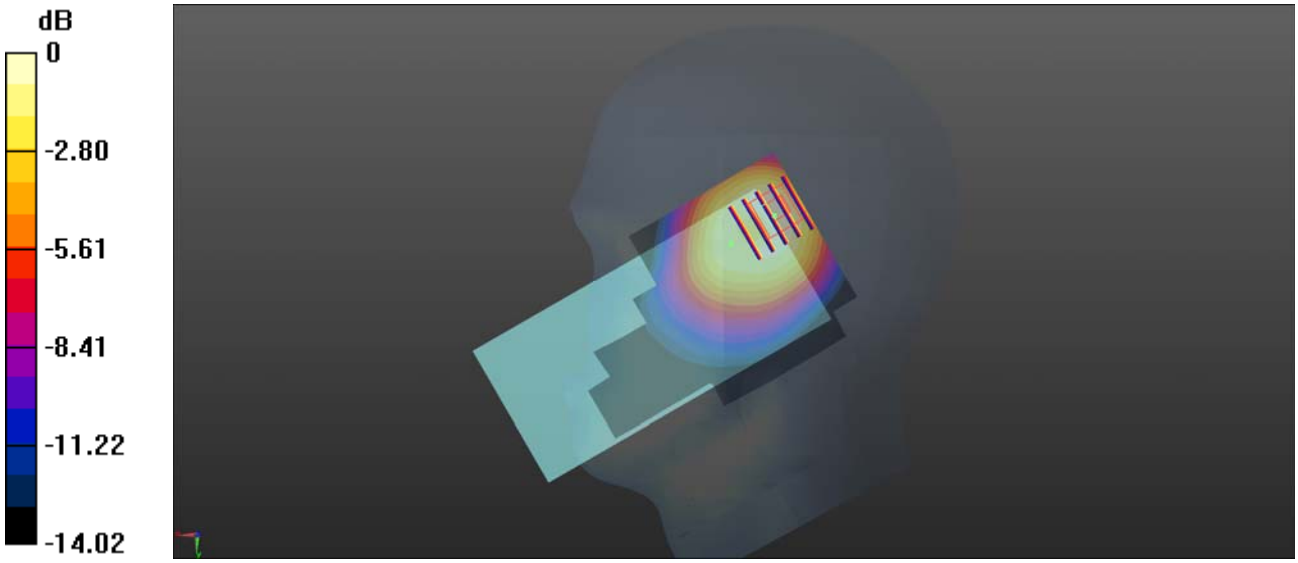
LTE Band 5B_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch20525

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 836.5 MHz; σ = 0.943 S/m; ε_r = 42.967; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20525/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.671 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.63 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.319 W/kg
Maximum value of SAR (measured) = 0.658 W/kg



0 dB = 0.658 W/kg

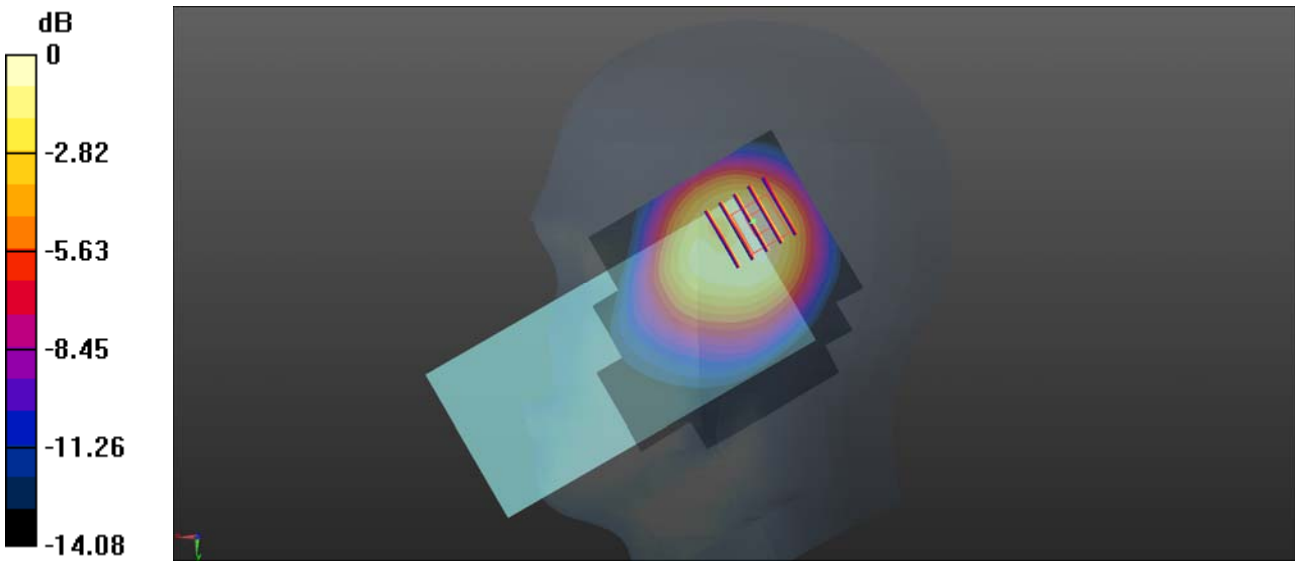
LTE Band 5B_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch20525

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: f = 836.5 MHz; σ = 0.943 S/m; ε_r = 42.967; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20525/Area Scan (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.530 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.79 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.950 W/kg
SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.248 W/kg
Maximum value of SAR (measured) = 0.522 W/kg



0 dB = 0.522 W/kg

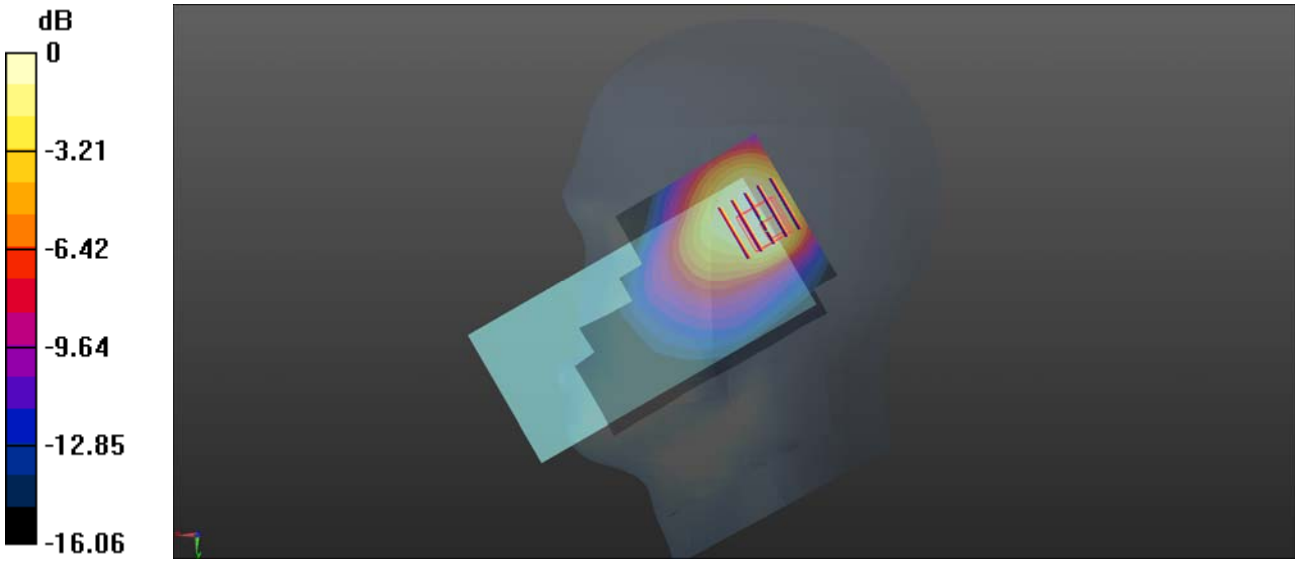
LTE Band 12_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch23060

Communication System: UID 0, LTE (0); Frequency: 704 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 704 MHz; σ = 0.917 S/m; ε_r = 42.279; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3154; ConvF(6.34, 6.34, 6.34); Calibrated: 2019.07.16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23060/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.153 W/kg

Ch23060/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.83 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.306 W/kg
SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.143 W/kg



0 dB = 0.143 W/kg

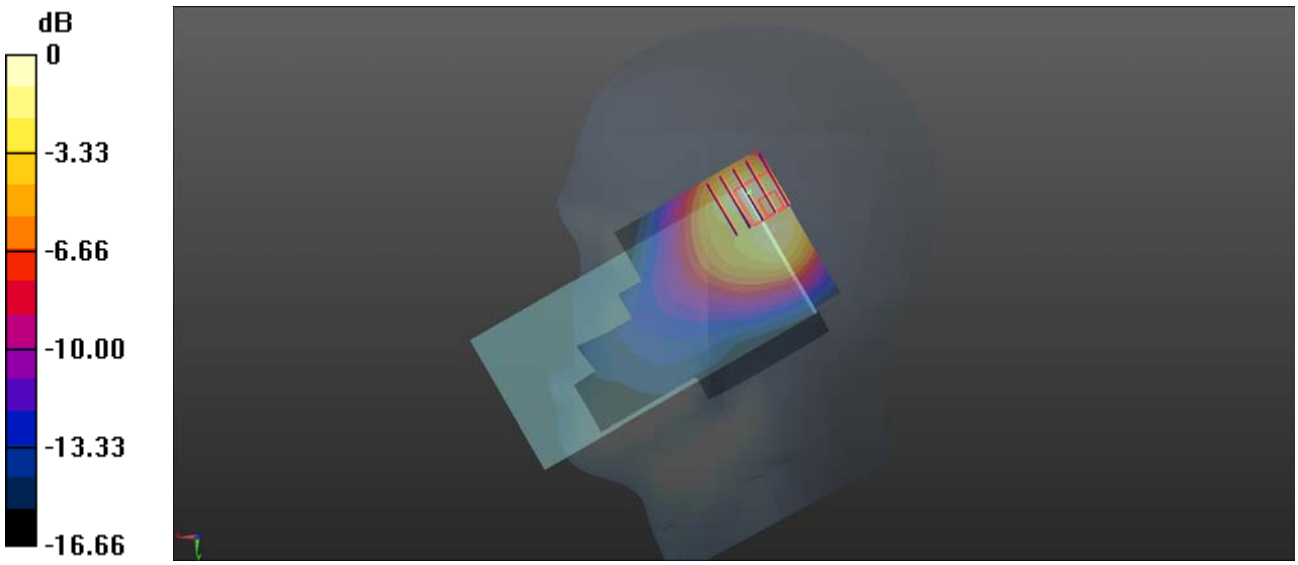
LTE Band 13_10MHz_QPSK_1RB_25Offset_Right Tilt_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.938 S/m; ε_r = 42.016; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3873; ConvF(9.79, 9.79, 9.79); Calibrated: 2020.08.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23230/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.233 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.10 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.511 W/kg
SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.116 W/kg
Maximum value of SAR (measured) = 0.255 W/kg



0 dB = 0.255 W/kg

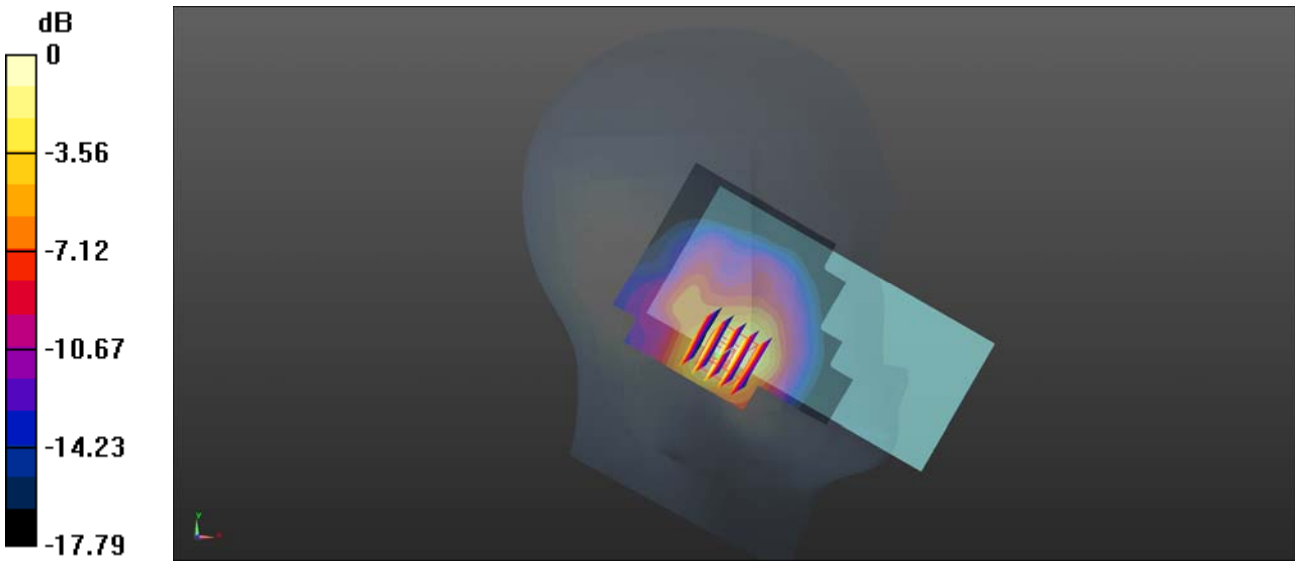
LTE Band 25_20MHz_QPSK_1RB_0Offset_Left Cheek_Ch26365

Communication System: UID 0, LTE (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1882.5 MHz; σ = 1.321 S/m; ε_r = 39.91; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26365/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.211 W/kg

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.536 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.412 W/kg
SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.108 W/kg
Maximum value of SAR (measured) = 0.212 W/kg



0 dB = 0.212 W/kg

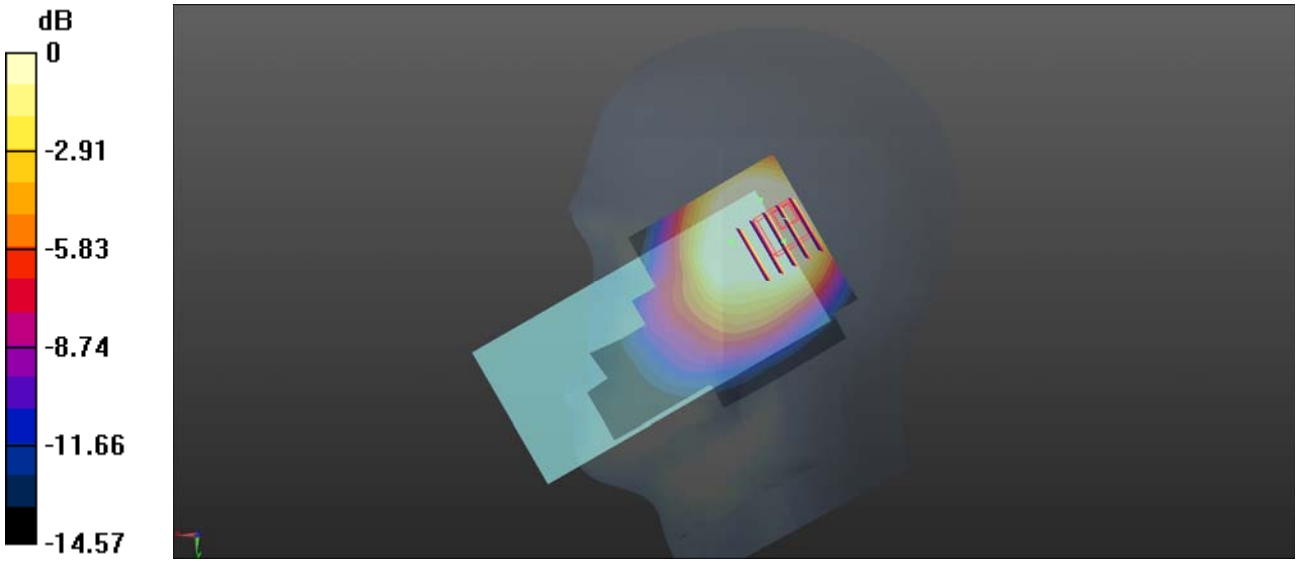
LTE Band 26_15MHz_QPSK_1RB_0Offset_Right Cheek_Ch26865

Communication System: UID 0, LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 831.5 MHz; σ = 0.936 S/m; ε_r = 42.882; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.575 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.41 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.865 W/kg
SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.243 W/kg
Maximum value of SAR (measured) = 0.575 W/kg



0 dB = 0.575 W/kg

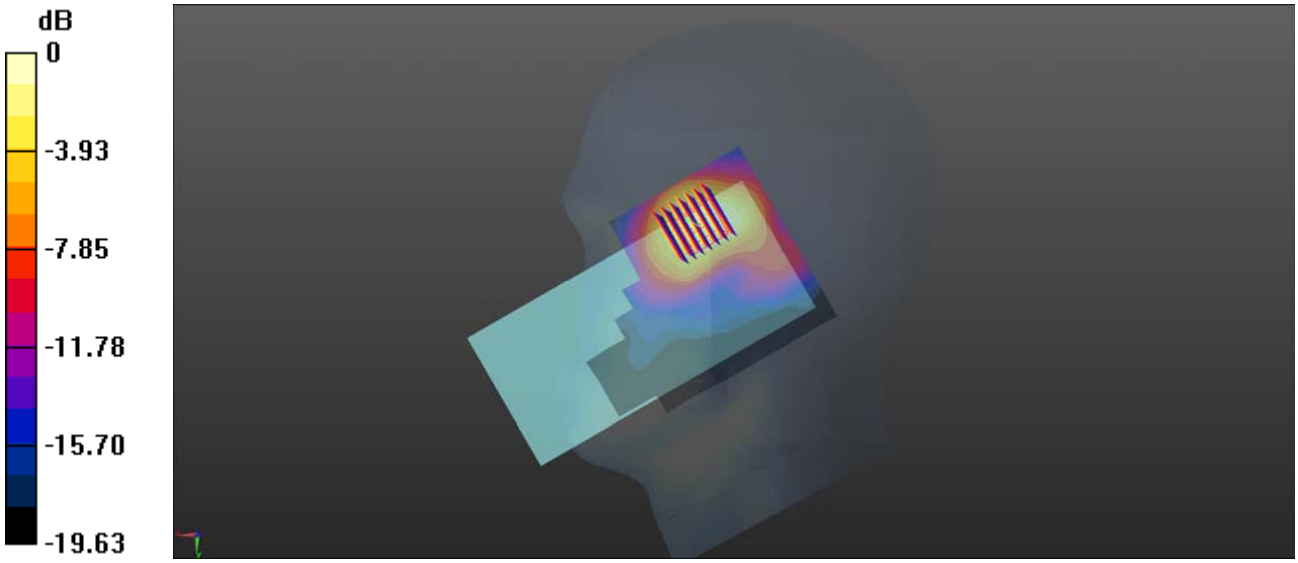
LTE Band 41_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch40620

Communication System: UID 0, LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2593 MHz; σ = 1.973 S/m; ε_r = 38.214; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7, 7, 7); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40620/Area Scan (91x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.567 W/kg

Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.038 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.257 W/kg
Maximum value of SAR (measured) = 0.567 W/kg



0 dB = 0.567 W/kg

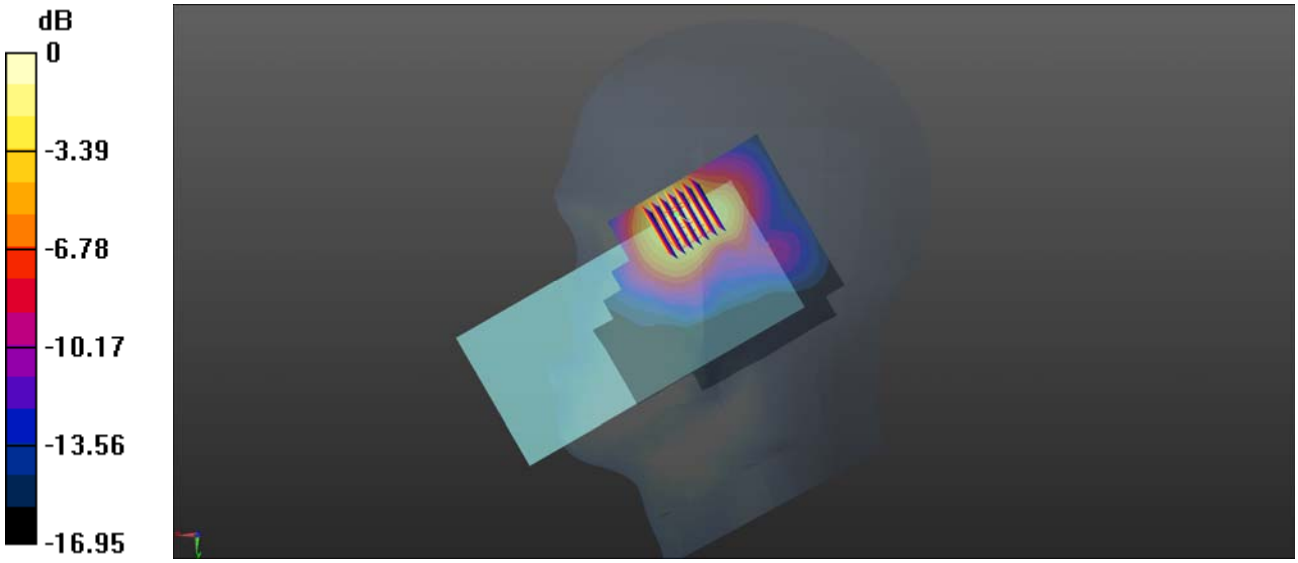
LTE Band 41C_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch39750

Communication System: UID 0, LTE (0); Frequency: 2506 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2506 MHz; σ = 1.867 S/m; ε_r = 38.534; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39750/Area Scan (91x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.641 W/kg

Ch39750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.542 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.287 W/kg
Maximum value of SAR (measured) = 0.606 W/kg



0 dB = 0.606 W/kg

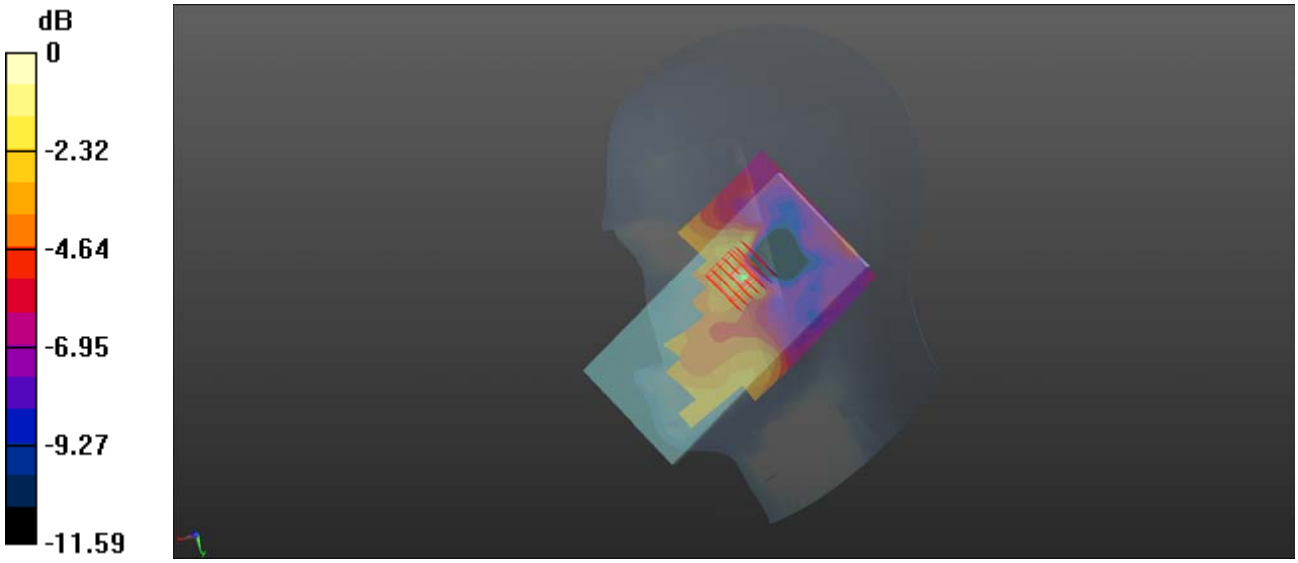
LTE Band 41C(HPUE)_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch40620

Communication System: UID 0, LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2593 MHz; σ = 1.973 S/m; ε_r = 38.214; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7, 7, 7); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40620/Area Scan (91x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0515 W/kg

Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.661 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.0370 W/kg
SAR(1 g) = 0.01 W/kg; SAR(10 g) = 0.009 W/kg
Maximum value of SAR (measured) = 0.0289 W/kg



0 dB = 0.0515 W/kg

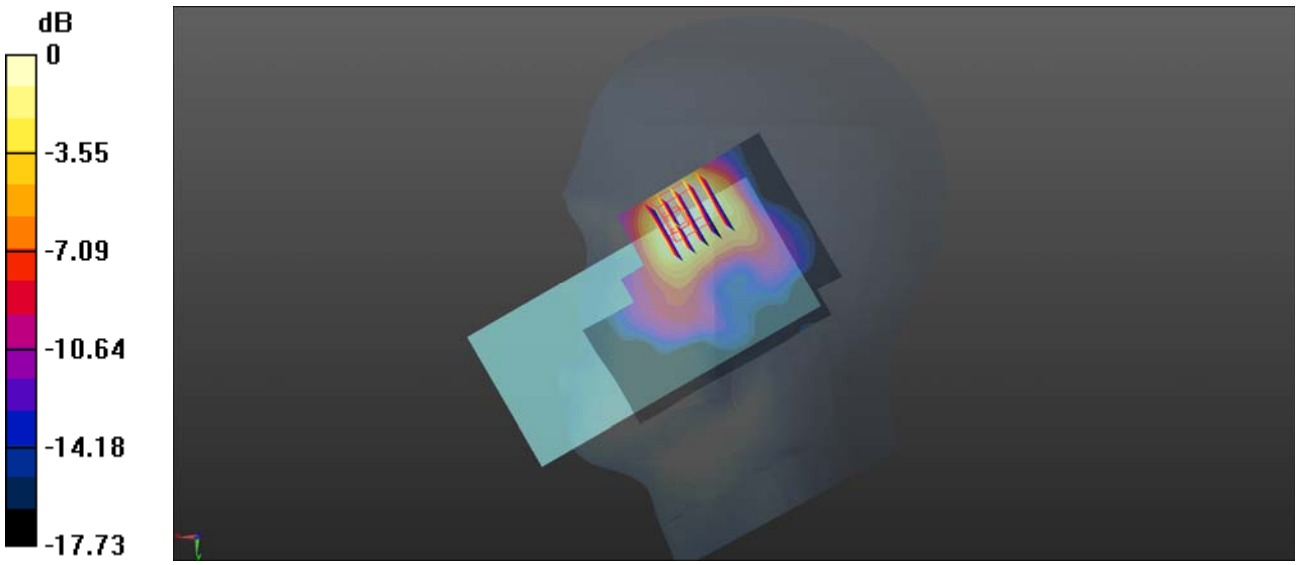
LTE Band 66_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch132322

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1745 MHz; σ = 1.438 S/m; ε_r = 39.566; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.99, 7.99, 7.99); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132322/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.319 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.397 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.360 W/kg
SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.079 W/kg
Maximum value of SAR (measured) = 0.179 W/kg



0 dB = 0.179 W/kg

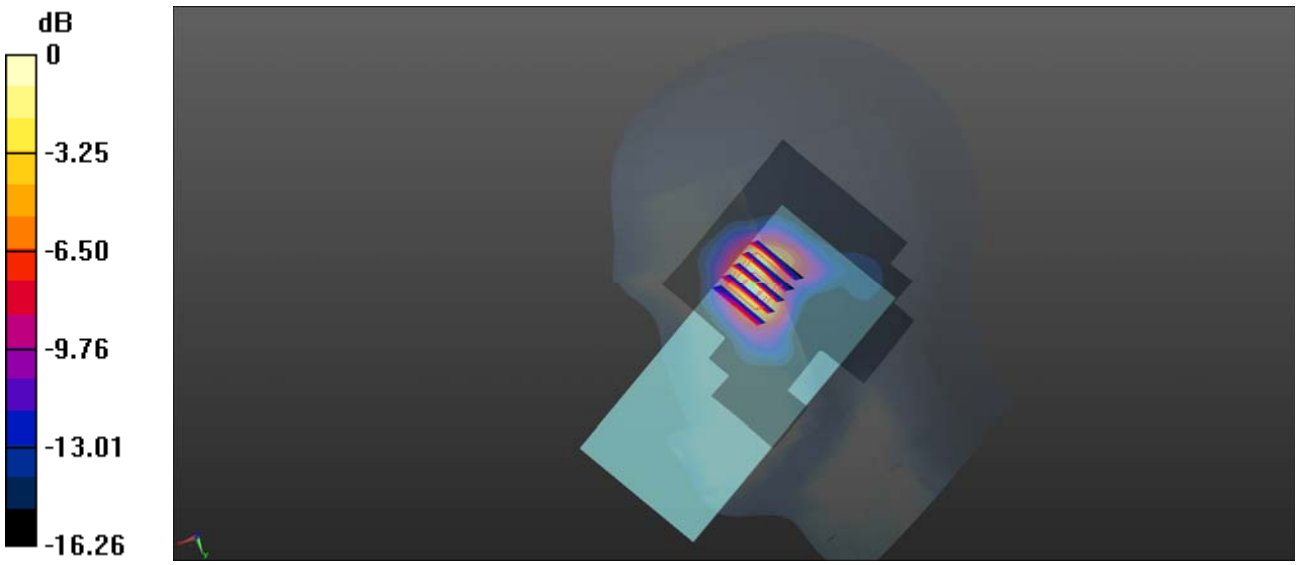
LTE Band 66C_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch132072

Communication System: UID 0, LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1720 MHz; σ = 1.394 S/m; ε_r = 39.868; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.99, 7.99, 7.99); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.191 W/kg

Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.572 V/m; Power Drift = 1.08 dB
Peak SAR (extrapolated) = 0.402 W/kg
SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.071 W/kg
Maximum value of SAR (measured) = 0.190 W/kg



0 dB = 0.191 W/kg

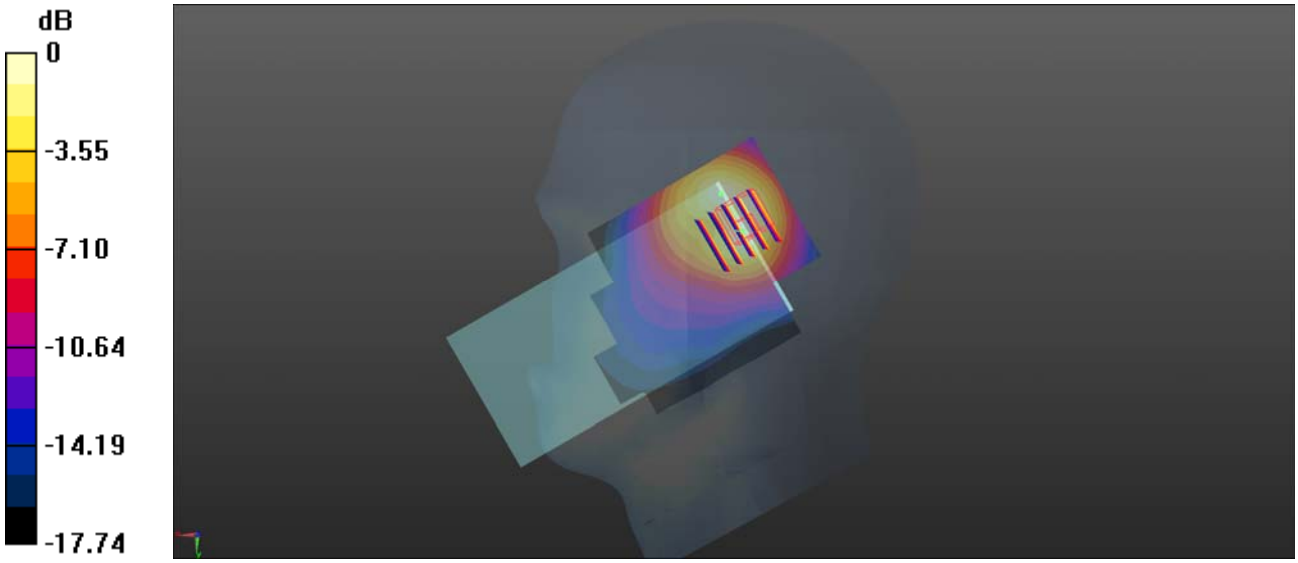
LTE Band 71_20MHz_QPSK_1RB_0Offset_Right Tilt_Ch133322

Communication System: UID 0, LTE (0); Frequency: 683 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 683 MHz; σ = 0.91 S/m; ε_r = 42.287; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3154; ConvF(6.34, 6.34, 6.34); Calibrated: 2019.07.16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch133322/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.681 W/kg

Ch133322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.30 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.587 W/kg; SAR(10 g) = 0.285 W/kg
Maximum value of SAR (measured) = 0.625 W/kg



0 dB = 0.625 W/kg

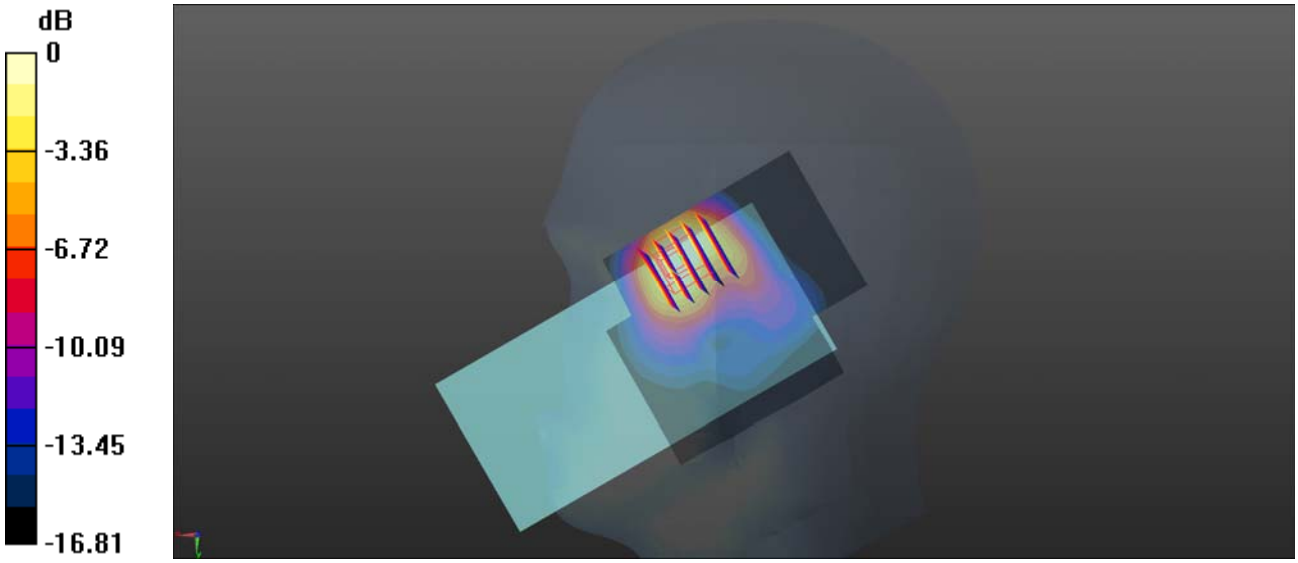
NR Band n2_20MHz_DFT-S-QPSK_1RB_1Offset_Right Cheek_Ch380000

Communication System: UID 0, 5G NR (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1900 MHz; σ = 1.319 S/m; ε_r = 39.745; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(8.13, 8.13, 8.13); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch380000/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.700 W/kg

Ch380000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.476 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.248 W/kg
Maximum value of SAR (measured) = 0.544 W/kg



0 dB = 0.544 W/kg

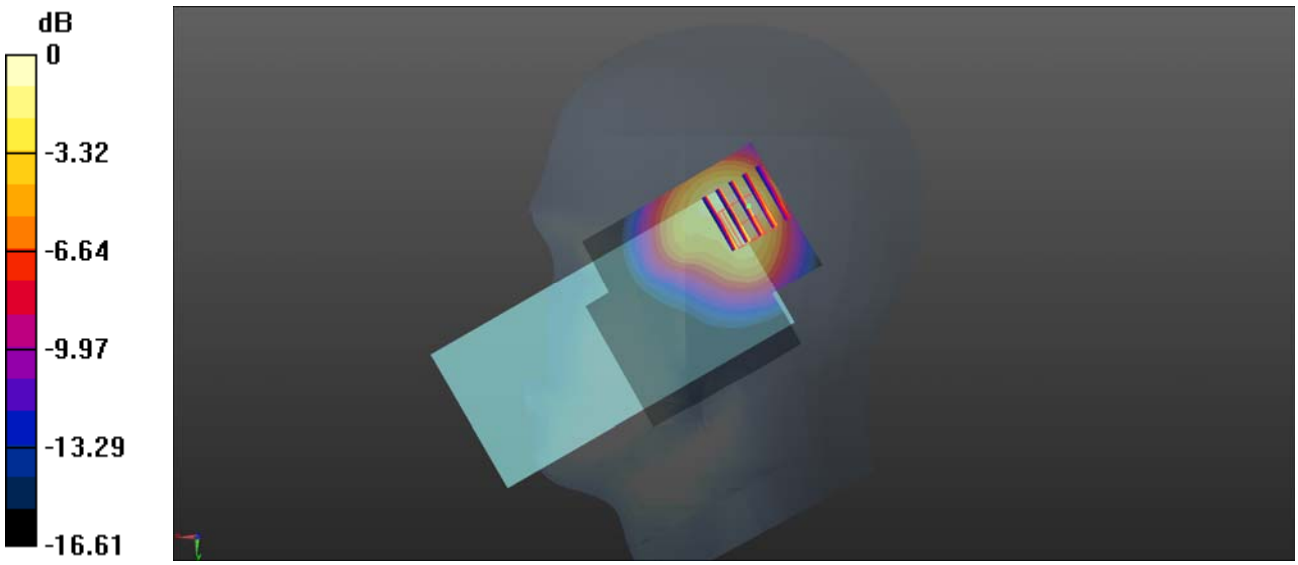
NR Band n5_20MHz_DFT-S-QPSK_1RB_1Offset_Right Cheek_Ch167800

Communication System: UID 0, 5G NR (0); Frequency: 839 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 839 MHz; σ = 0.948 S/m; ε_r = 43.016; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(9.74, 9.74, 9.74); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch167800/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.279 W/kg

Ch167800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.62 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.605 W/kg
SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.127 W/kg
Maximum value of SAR (measured) = 0.307 W/kg



0 dB = 0.307 W/kg

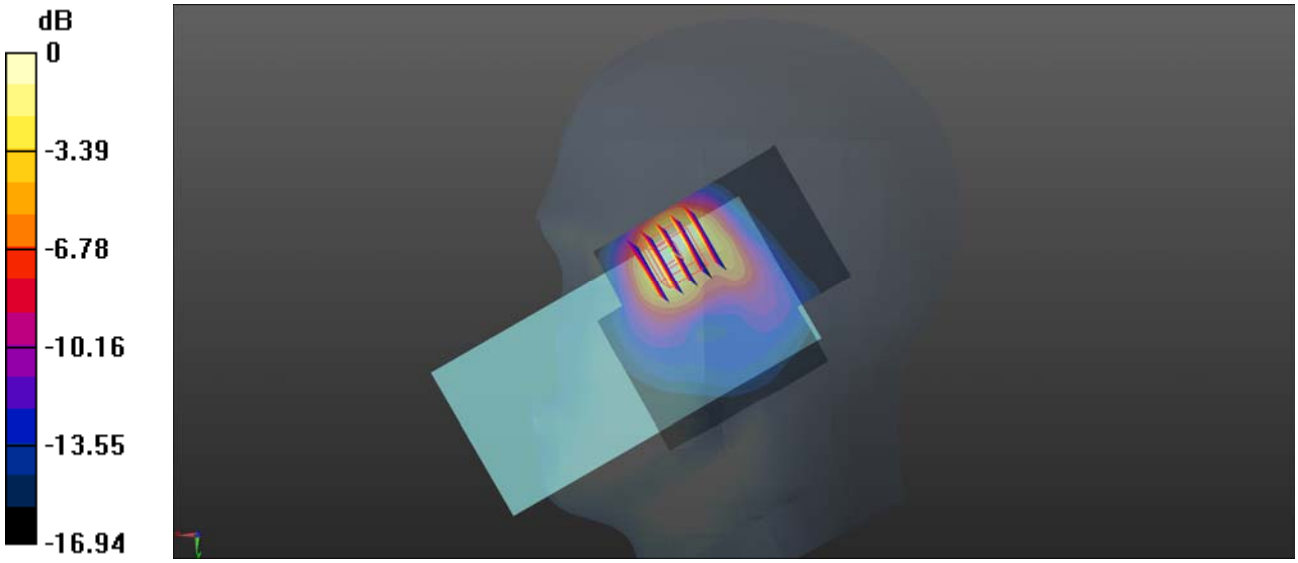
NR Band n25_20MHz_DFT-S-QPSK_1RB_1Offset_Right Cheek_Ch372000

Communication System: UID 0, 5G NR (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1860 MHz; σ = 1.308 S/m; ε_r = 39.824; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(8.13, 8.13, 8.13); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch372000/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.480 W/kg

Ch372000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.872 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.798 W/kg
SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.183 W/kg
Maximum value of SAR (measured) = 0.425 W/kg



0 dB = 0.425 W/kg

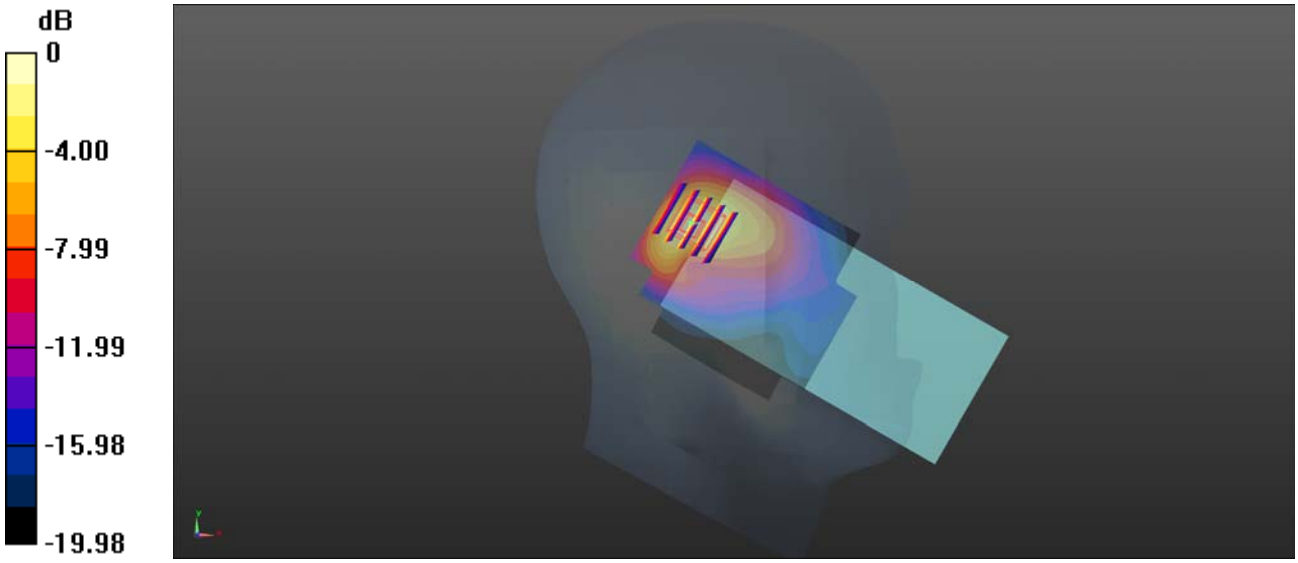
NR Band n41_20MHz_DFT-S-QPSK_1RB_1Offset_Left Cheek_Ch518598

Communication System: UID 0, 5G NR (0); Frequency: 2592.99 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2593 MHz; σ = 1.973 S/m; ε_r = 38.214; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch518598/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.535 W/kg

Ch518598/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.83 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.998 W/kg
SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.221 W/kg
Maximum value of SAR (measured) = 0.527 W/kg



0 dB = 0.535 W/kg

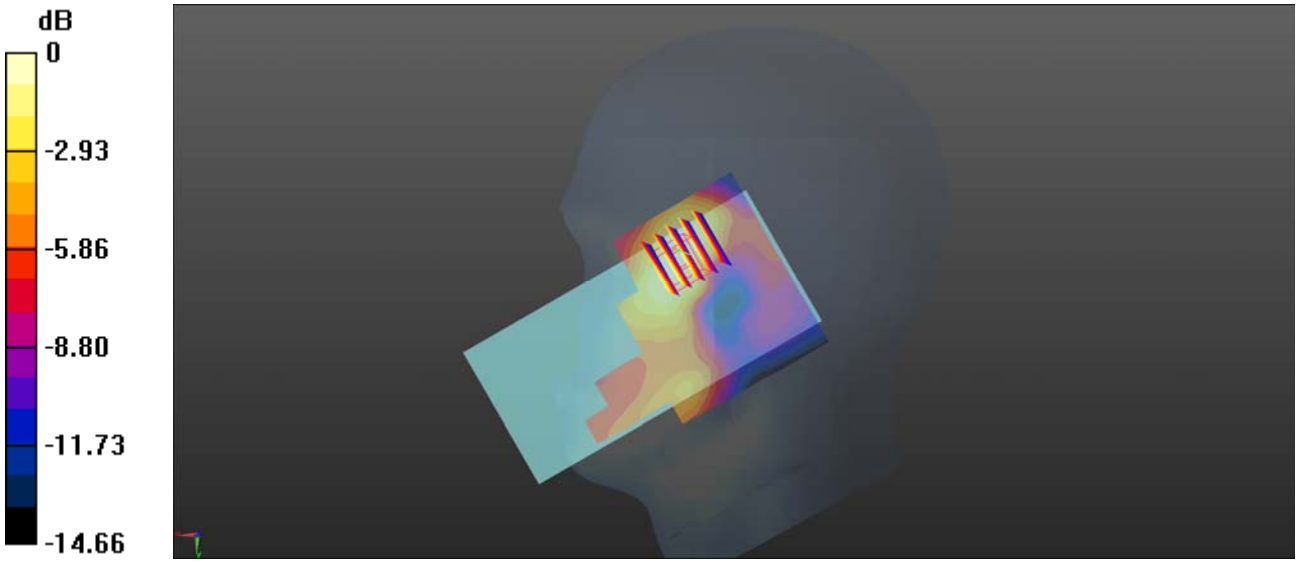
NR Band n66_20MHz_DFT-S-QPSK_1RB_1Offset_Right Cheek_Ch349000

Communication System: UID 0, 5G NR (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1745 MHz; σ = 1.438 S/m; ε_r = 39.566; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(8.53, 8.53, 8.53); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch349000/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.566 W/kg

Ch349000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.076 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.243 W/kg
SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.291 W/kg
Maximum value of SAR (measured) = 0.560 W/kg



0 dB = 0.560 W/kg

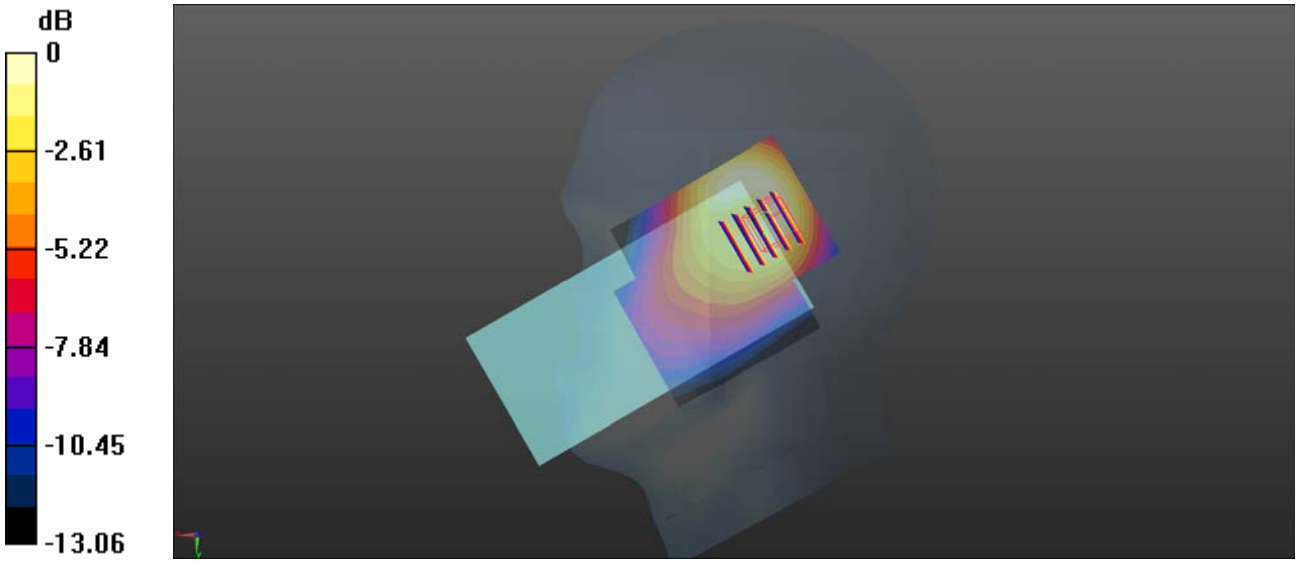
NR Band n71_20MHz_DFT-S-QPSK_1RB_1Offset_Right Cheek_Ch136100

Communication System: UID 0, 5G NR (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 680.5 MHz; σ = 0.911 S/m; ε_r = 42.339; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(10.09, 10.09, 10.09); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch136100/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.278 W/kg

Ch136100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.39 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.514 W/kg
SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.145 W/kg
Maximum value of SAR (measured) = 0.275 W/kg



0 dB = 0.275 W/kg

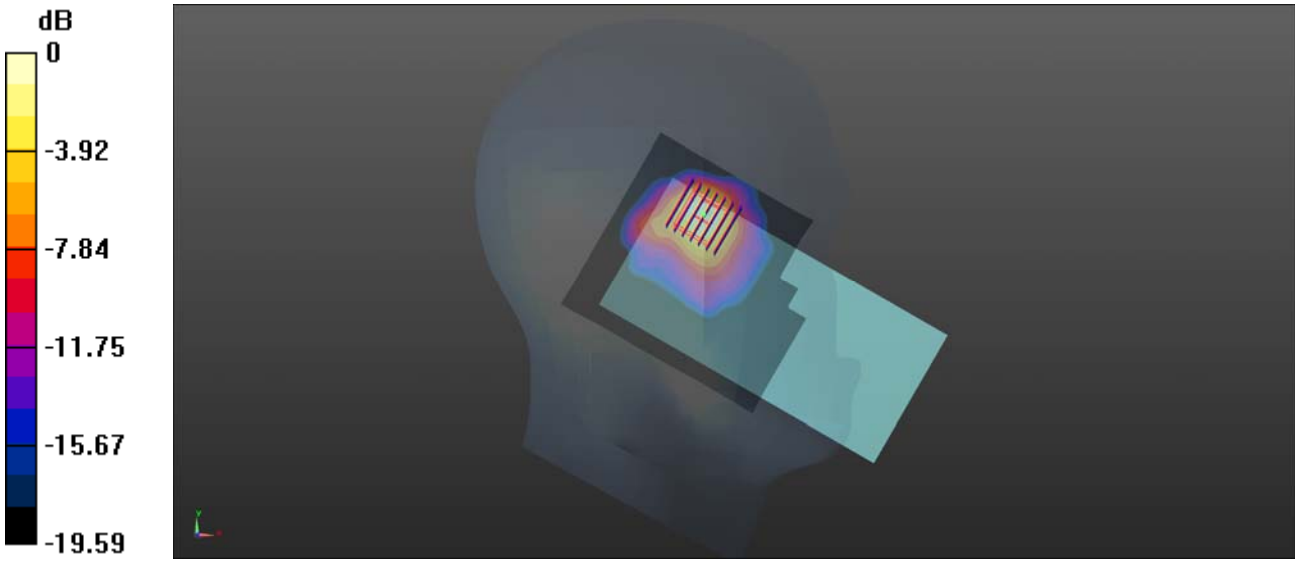
WLAN 2.4GHz_802.11 b 1Mbps_Left Cheek_Ch11_Ant 5

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: f = 2462 MHz; σ = 1.826 S/m; ε_r = 38.806; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.791 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.612 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.176 W/kg
Maximum value of SAR (measured) = 0.659 W/kg



0 dB = 0.659 W/kg

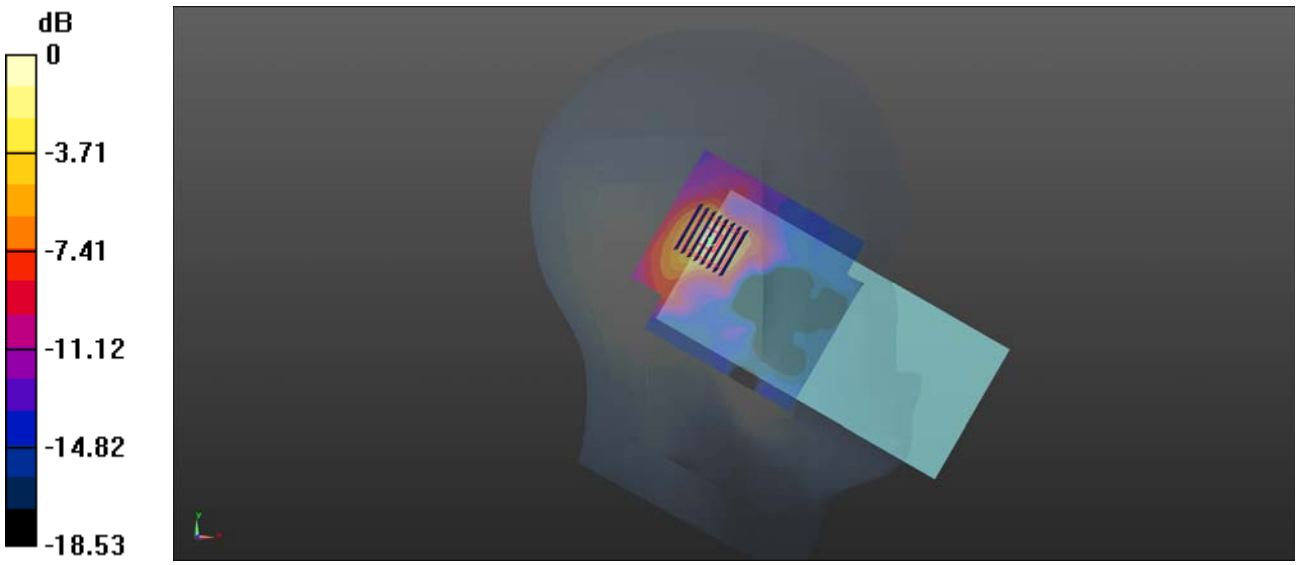
WLAN 5.2GHz_802.11a 6Mbps_Left Cheek_Ch44_Ant 9

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5220 MHz;Duty Cycle: 1:1.042
Medium: HSL_5250 Medium parameters used: f = 5220 MHz; σ = 4.503 S/m; ε_r = 35.002; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(5.29, 5.29, 5.29); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch44/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.625 W/kg

Ch44/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.966 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.120 W/kg
Maximum value of SAR (measured) = 0.676 W/kg



0 dB = 0.676 W/kg

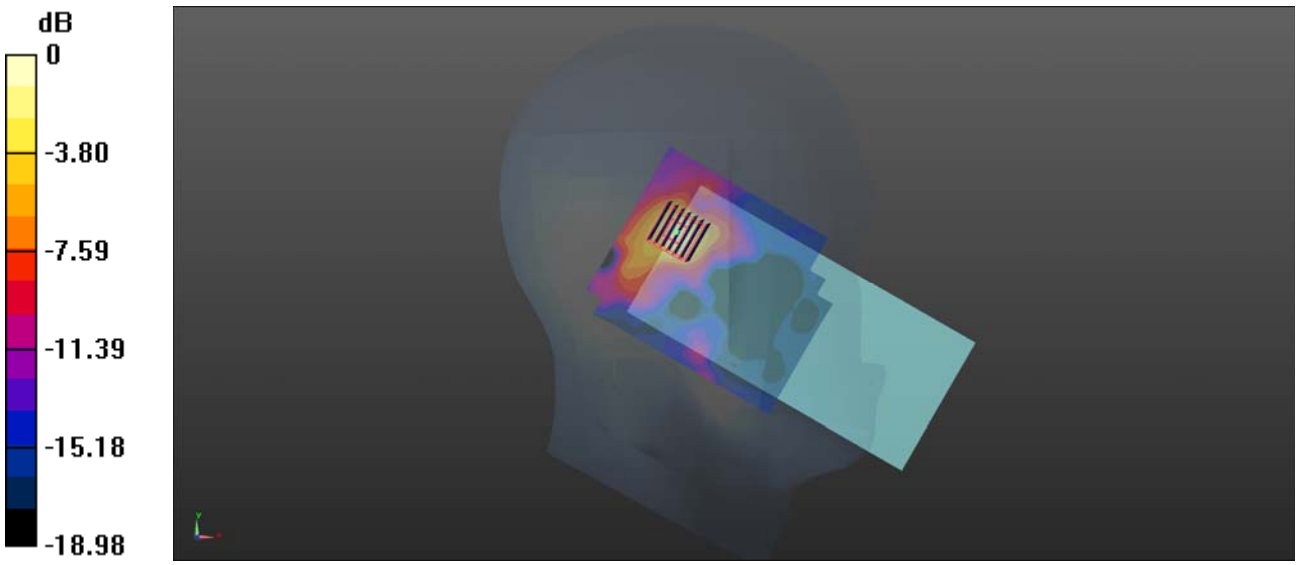
WLAN 5.3GHz_802.11a 6Mbps_Left Cheek_Ch52_Ant 9

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz;Duty Cycle: 1:1.042
Medium: HSL_5250 Medium parameters used: f = 5260 MHz; σ = 4.542 S/m; ε_r = 34.959; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(5.29, 5.29, 5.29); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.700 W/kg

Ch52/Zoom Scan (7x7x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.610 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.136 W/kg
Maximum value of SAR (measured) = 0.808 W/kg



0 dB = 0.808 W/kg

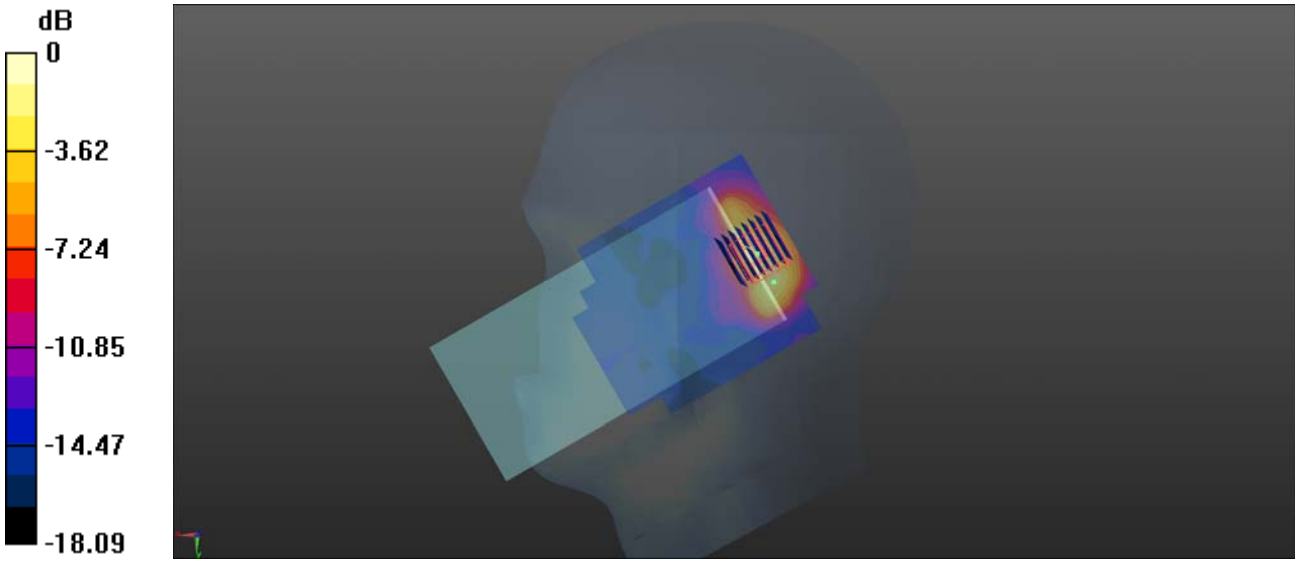
WLAN 5.5GHz_802.11a 6Mbps_Right Tilt_Ch100_Ant 9

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz;Duty Cycle: 1:1.042
Medium: HSL_5600 Medium parameters used: f = 5500 MHz; σ = 5.075 S/m; ε_r = 36.416; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(4.53, 4.53, 4.53); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch100/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.808 W/kg

Ch100/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 8.120 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 0.820 W/kg



0 dB = 0.820 W/kg

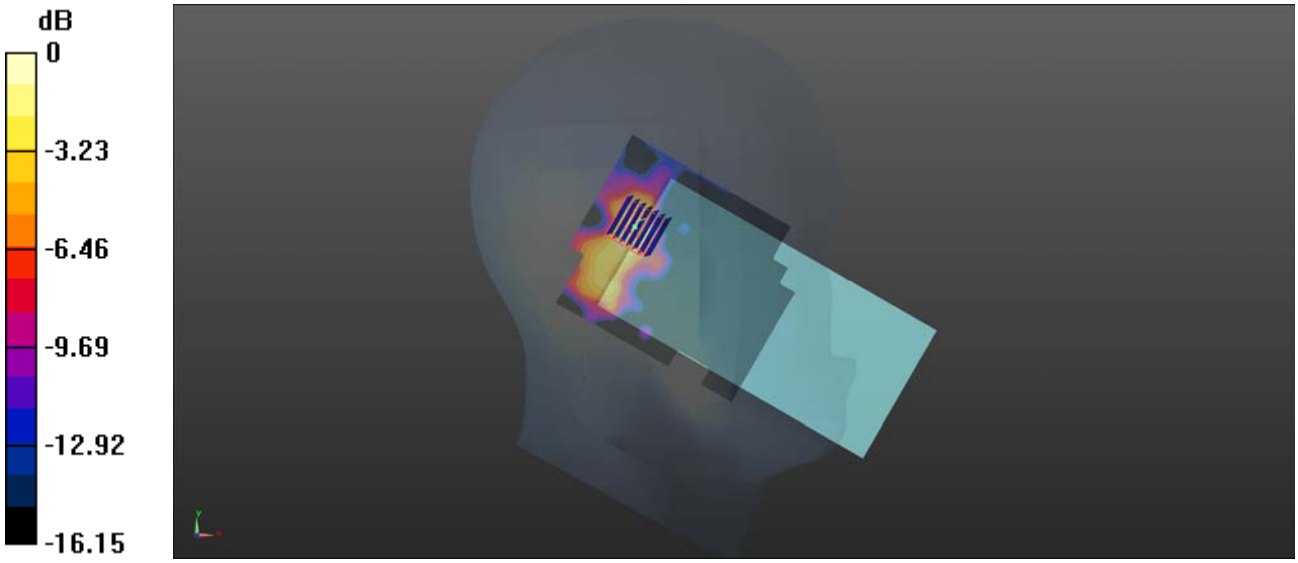
WLAN 5.8GHz_802.11a 6Mbps_Left Tilt_Ch149_Ant 9

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5745 MHz;Duty Cycle: 1:1.042
Medium: HSL_5750 Medium parameters used: f = 5745 MHz; σ = 5.369 S/m; ε_r = 35.904; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(4.59, 4.59, 4.59); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch149/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.579 W/kg

Ch149/Zoom Scan (7x7x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.229 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.103 W/kg
Maximum value of SAR (measured) = 0.527 W/kg



0 dB = 0.527 W/kg

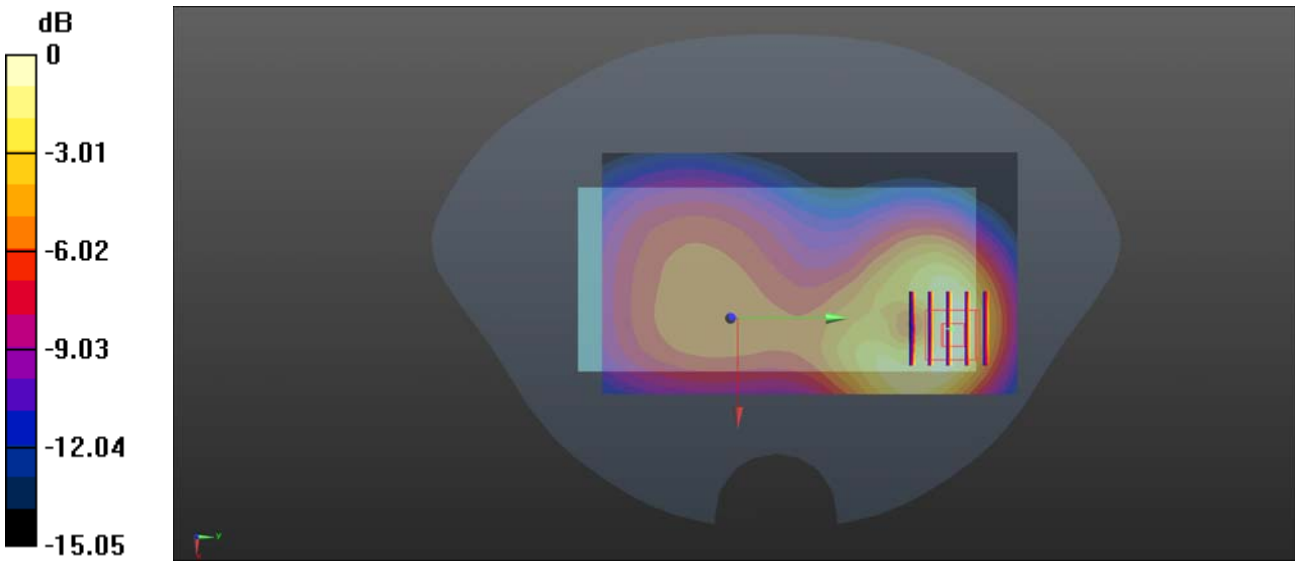
GSM850_GPRS(4 TX slots)_Back Side_10mm_Ch251

Communication System: UID 0, GSM850(class 12) (0); Frequency: 848.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_900 Medium parameters used: f = 849 MHz; σ = 0.964 S/m; ε_r = 42.971; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.328 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.696 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.547 W/kg
SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.170 W/kg
Maximum value of SAR (measured) = 0.335 W/kg



0 dB = 0.335 W/kg

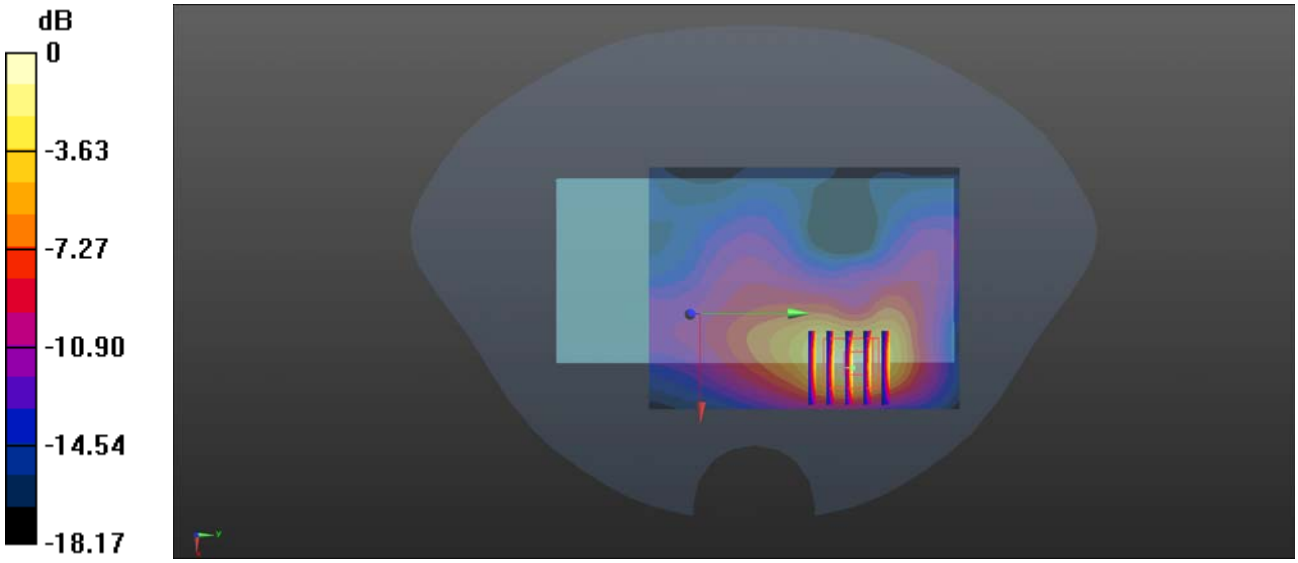
GSM1900_GPRS(4 TX slots)_Back Side_10mm_Ch661

Communication System: UID 0, PCS1900(class 12) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.321 S/m; ε_r = 39.882; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.338 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.168 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.669 W/kg
SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.149 W/kg
Maximum value of SAR (measured) = 0.351 W/kg



0 dB = 0.351 W/kg

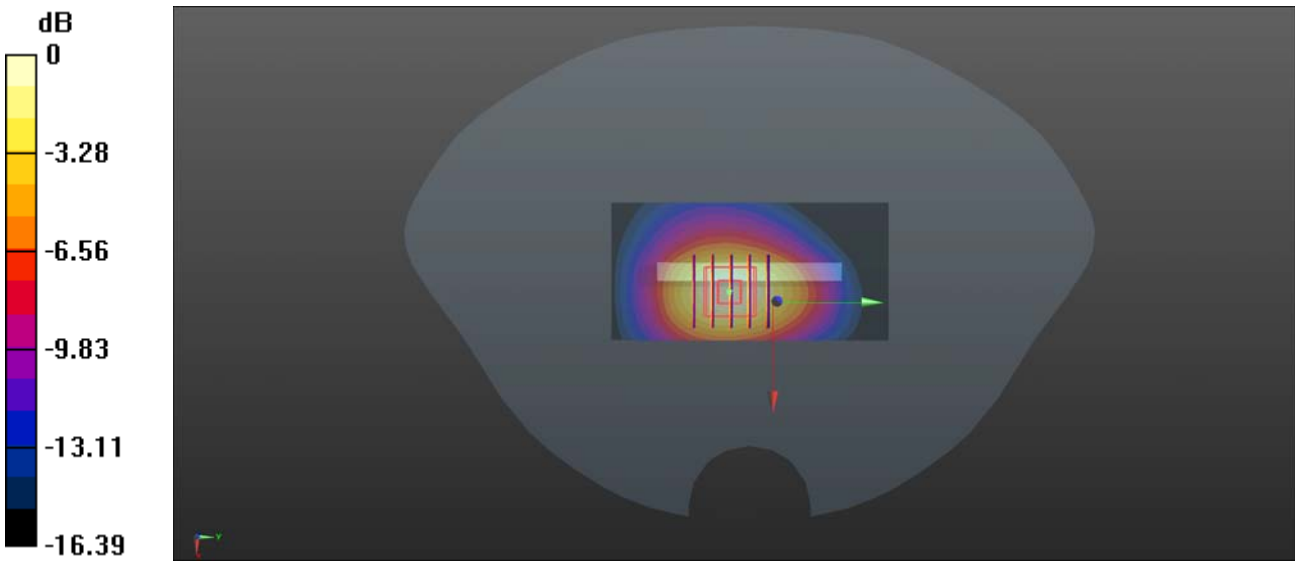
GSM1900_GPRS(4 TX slots)_Bottom Side_10mm_Ch661

Communication System: UID 0, PCS1900(class 12) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.321 S/m; ε_r = 39.882; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.782 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.84 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.903 W/kg
SAR(1 g) = 0.528 W/kg; SAR(10 g) = 0.294 W/kg
Maximum value of SAR (measured) = 0.725 W/kg



0 dB = 0.725 W/kg

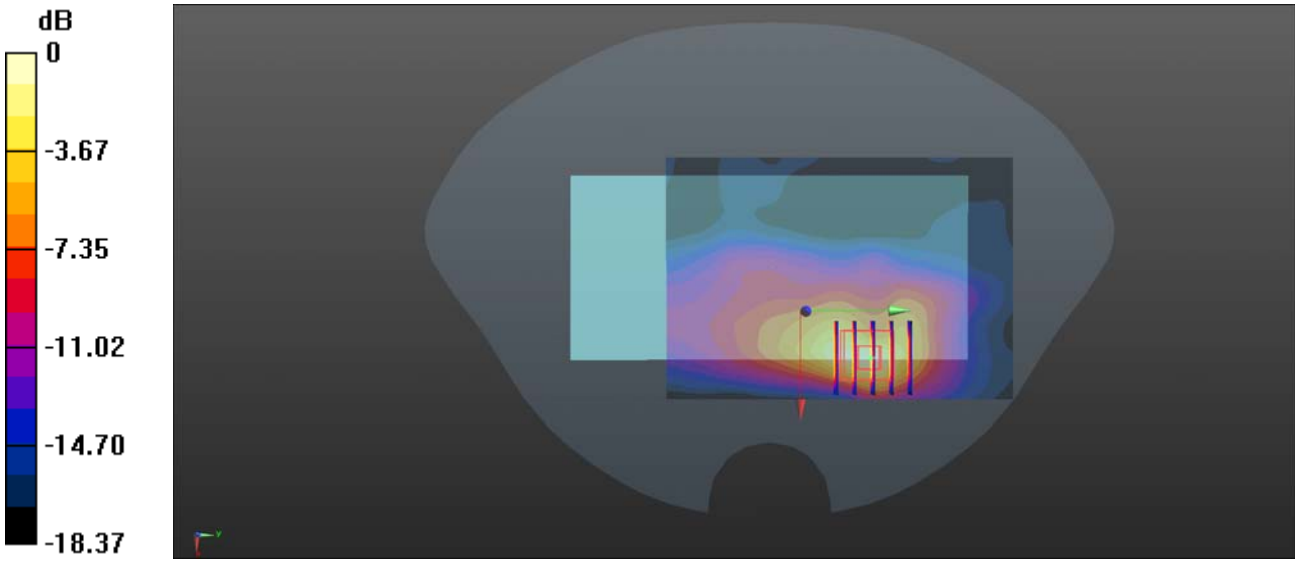
WCDMA Band II_RMC 12.2Kbps_Back Side_10mm_Ch9400

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.321 S/m; ε_r = 39.882; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 0.327 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.868 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.630 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.148 W/kg
Maximum value of SAR (measured) = 0.349 W/kg



0 dB = 0.349 W/kg

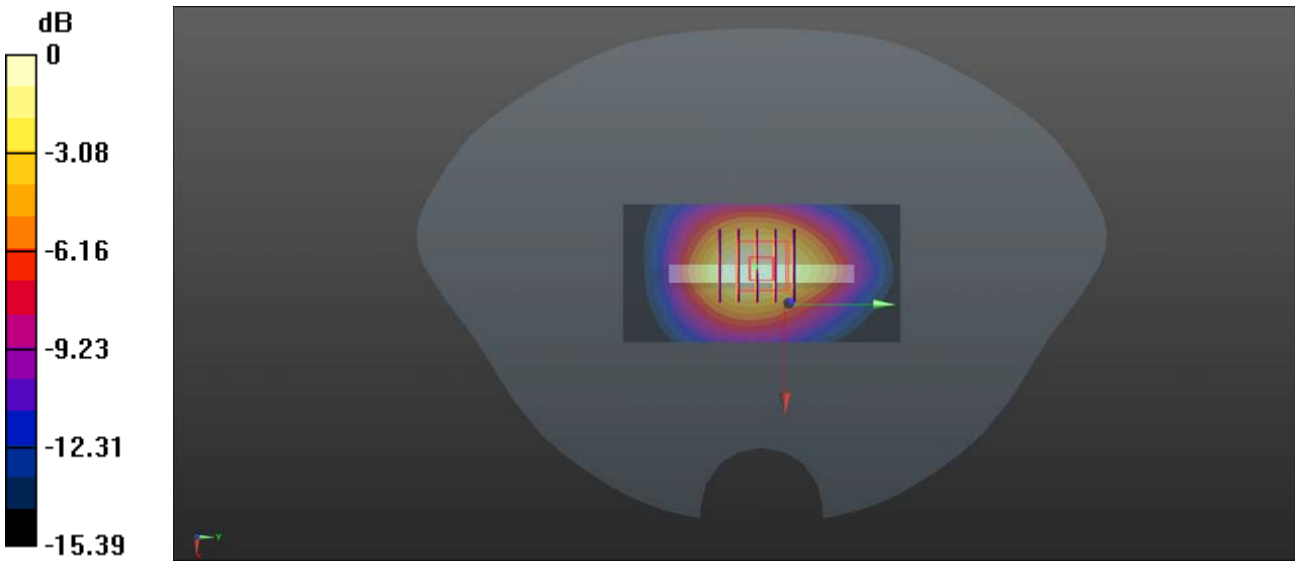
WCDMA Band II_RMC 12.2Kbps_Bottom Side_10mm_Ch9400

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.321 S/m; ε_r = 39.882; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.524 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.86 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.594 W/kg
SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.197 W/kg
Maximum value of SAR (measured) = 0.476 W/kg



0 dB = 0.476 W/kg

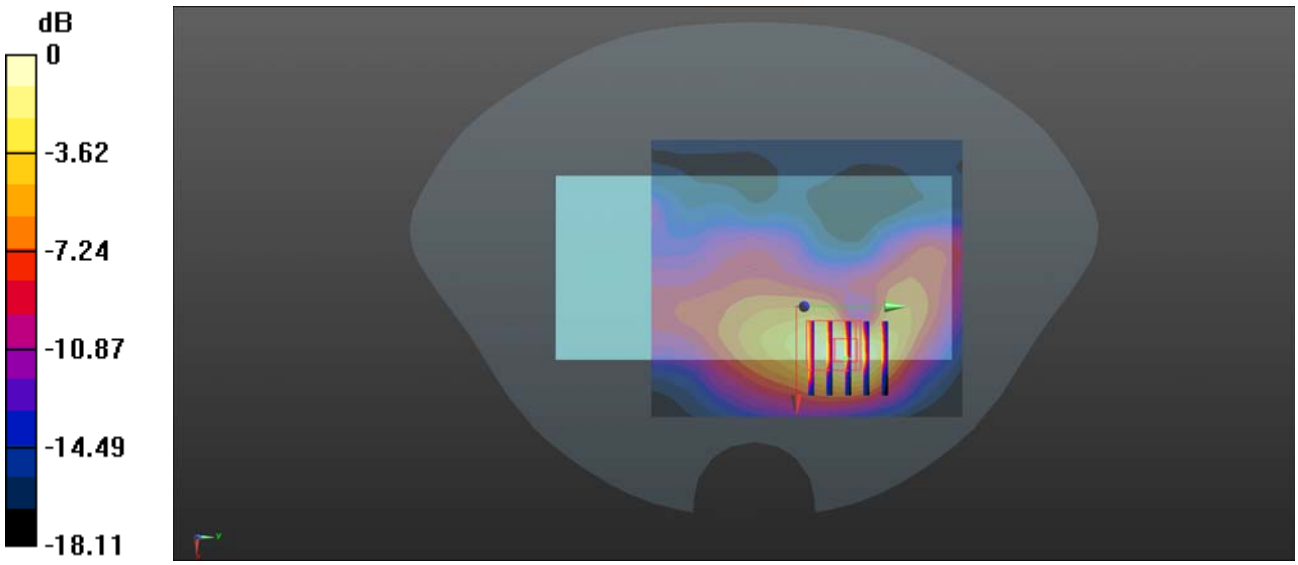
WCDMA Band IV_RMC 12.2Kbps_Back Side_10mm_Ch1413

Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1733 MHz; σ = 1.412 S/m; ε_r = 39.814; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.99, 7.99, 7.99); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1413/Area Scan (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.363 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.911 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.745 W/kg
SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.141 W/kg
Maximum value of SAR (measured) = 0.375 W/kg



0 dB = 0.375 W/kg

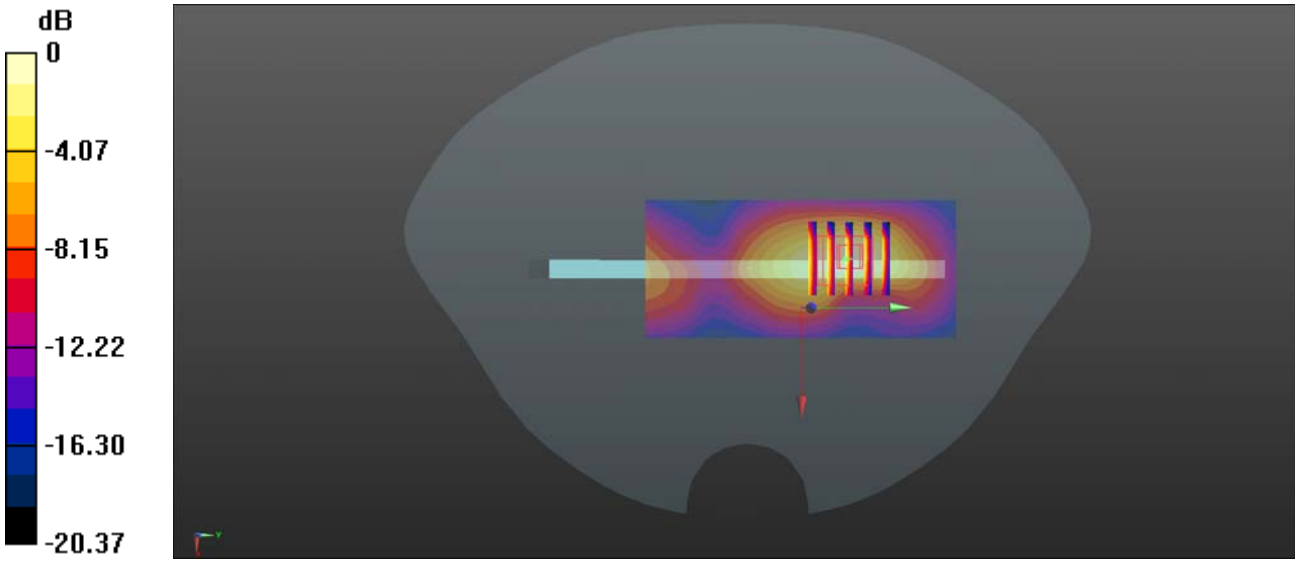
WCDMA Band IV_RMC 12.2Kbps_Left Side_10mm_Ch1413

Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1733 MHz; σ = 1.412 S/m; ε_r = 39.814; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.99, 7.99, 7.99); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1413/Area Scan (41x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.541 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.963 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.973 W/kg
SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.237 W/kg
Maximum value of SAR (measured) = 0.517 W/kg



0 dB = 0.517 W/kg

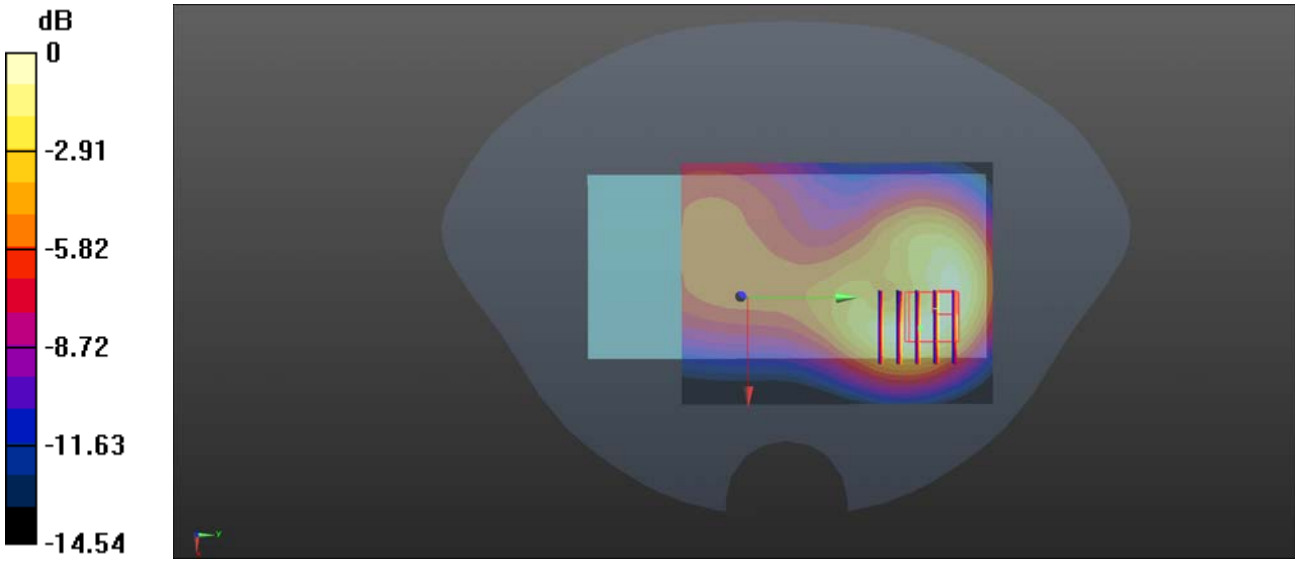
WCDMA Band V_RMC 12.2Kbps_Back Side_10mm_Ch4233

Communication System: UID 0, UMTS-FDD (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 847 MHz; σ = 0.959 S/m; ε_r = 43.168; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1413/Area Scan (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.292 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.009 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.400 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.121 W/kg
Maximum value of SAR (measured) = 0.234 W/kg



0 dB = 0.234 W/kg

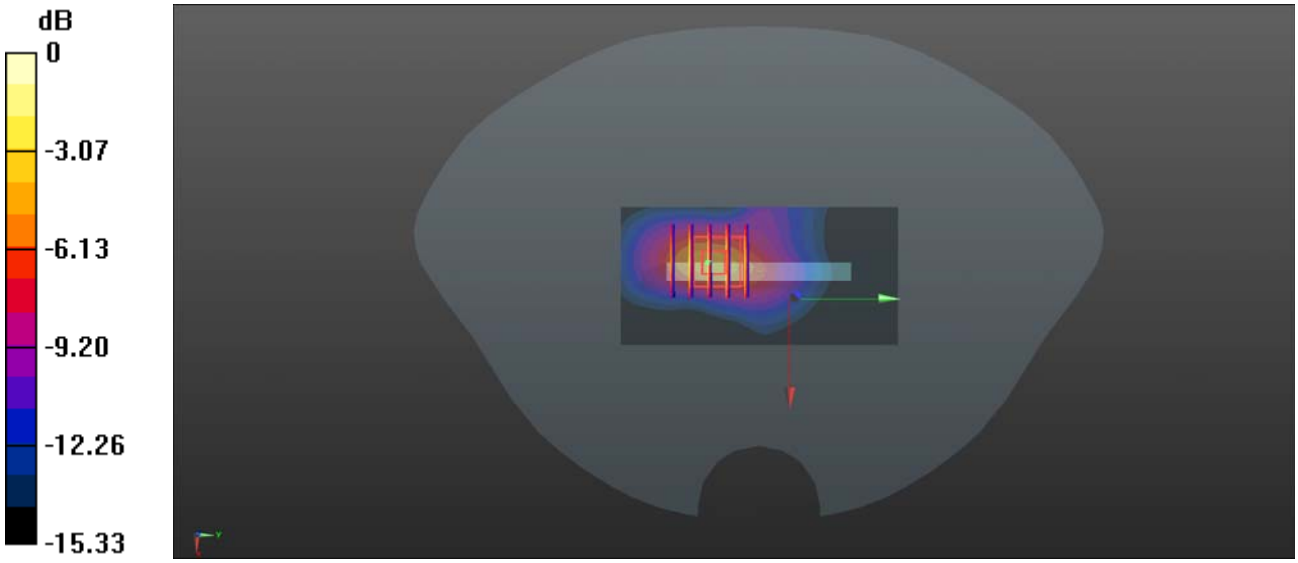
WCDMA Band V_RMC 12.2Kbps_Top Side_10mm_Ch4233

Communication System: UID 0, UMTS-FDD (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 847 MHz; σ = 0.959 S/m; ε_r = 43.168; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.147 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.053 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.650 W/kg
SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.181 W/kg
Maximum value of SAR (measured) = 0.385 W/kg



0 dB = 0.385 W/kg

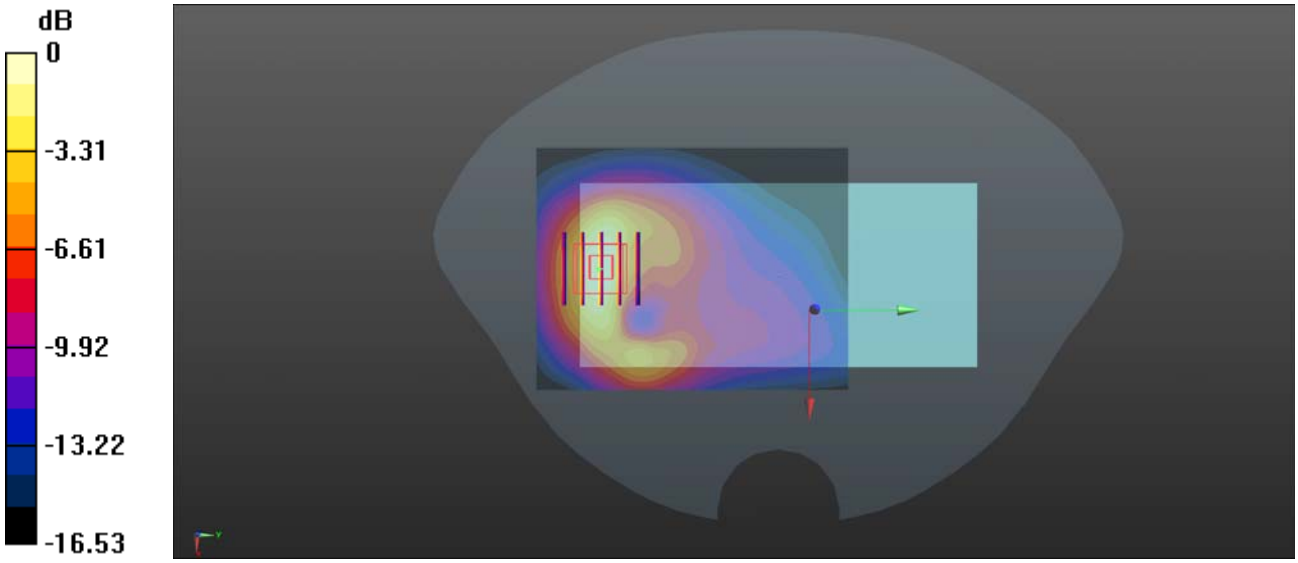
LTE Band 2_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch18900

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.321 S/m; ε_r = 39.882; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18900/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.608 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.223 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.724 W/kg
SAR(1 g) = 0.438 W/kg; SAR(10 g) = 0.243 W/kg
Maximum value of SAR (measured) = 0.593 W/kg



0 dB = 0.593 W/kg

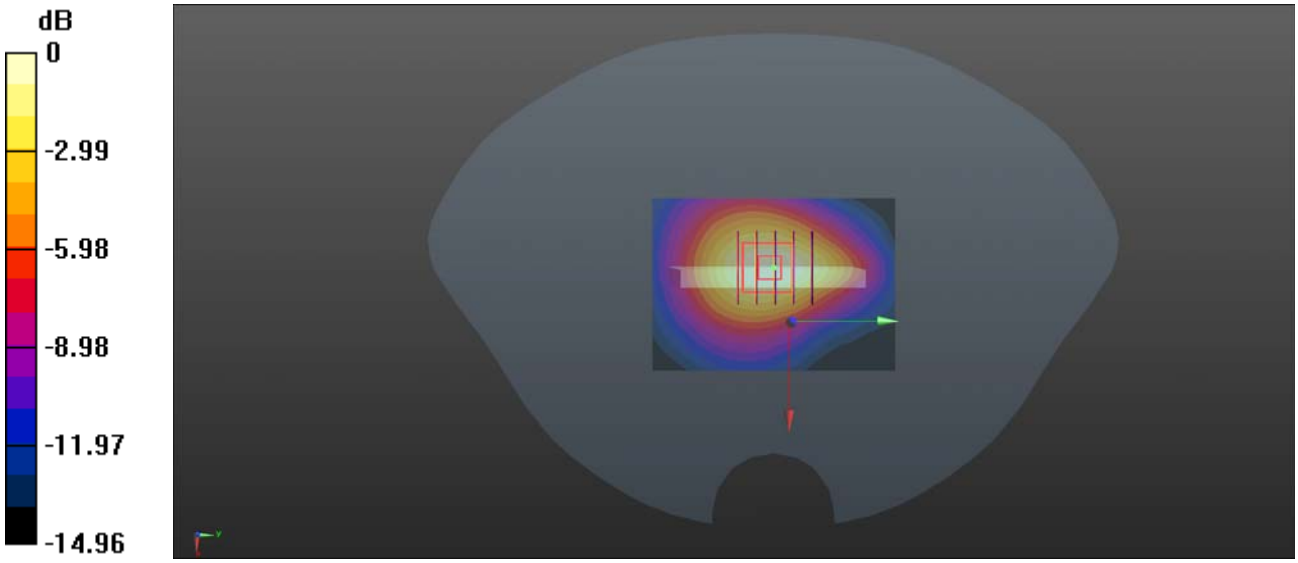
LTE Band 2_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch18900

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.321 S/m; ε_r = 39.882; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18900/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.511 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.70 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.728 W/kg
SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.260 W/kg
Maximum value of SAR (measured) = 0.487 W/kg



0 dB = 0.487 W/kg

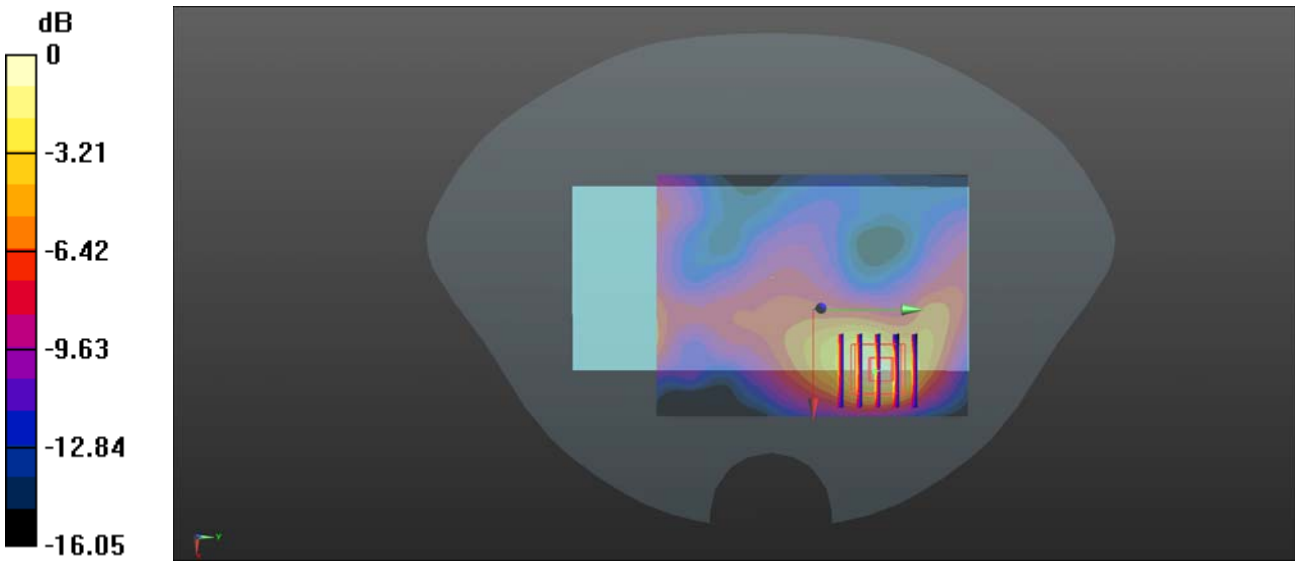
LTE Band 4_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20175

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1732.5 MHz; σ = 1.412 S/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.99, 7.99, 7.99); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.198 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.744 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.405 W/kg
SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.100 W/kg
Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.223 W/kg

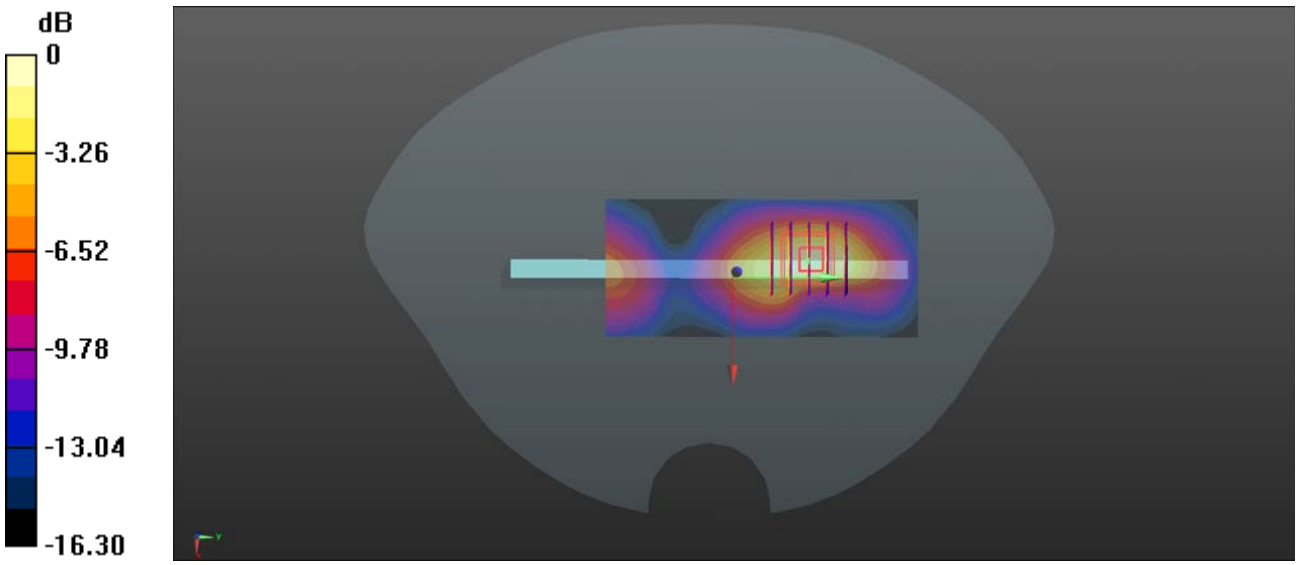
LTE Band 4_20MHz_QPSK_1RB_0Offset_Left Side_10mm_Ch20175

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1732.5 MHz; σ = 1.412 S/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.99, 7.99, 7.99); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (41x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.338 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.776 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.552 W/kg
SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 0.331 W/kg



0 dB = 0.338 W/kg

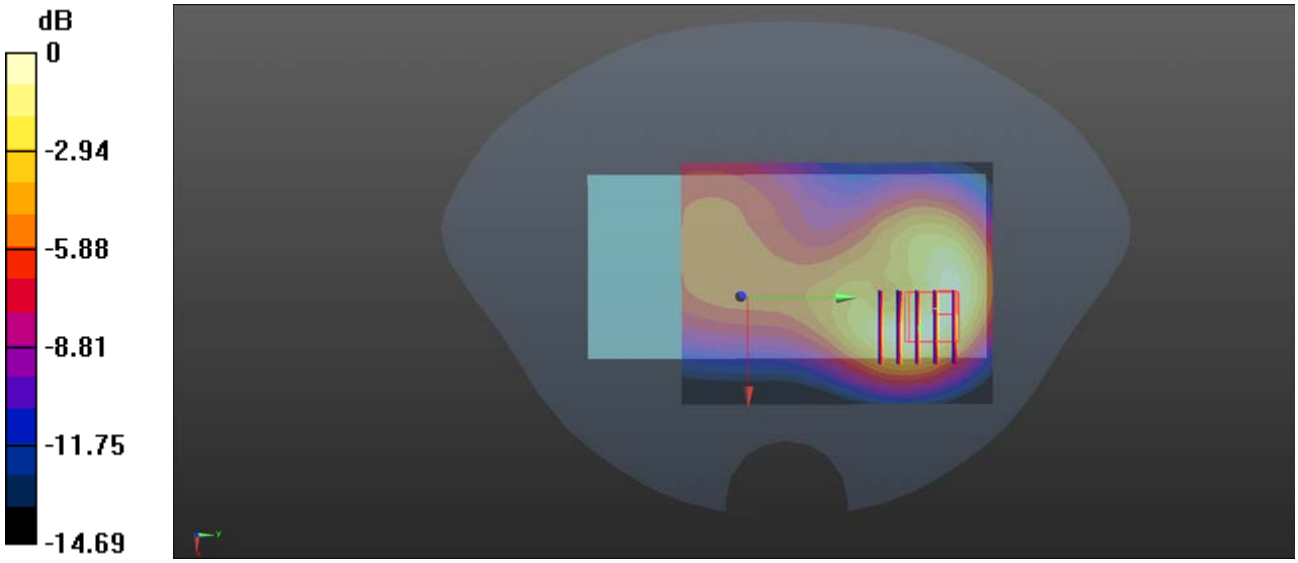
LTE Band 5_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20525

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 836.5 MHz; σ = 0.943 S/m; ε_r = 42.967; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20525/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.334 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.990 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.601 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.169 W/kg
Maximum value of SAR (measured) = 0.339 W/kg



0 dB = 0.339 W/kg

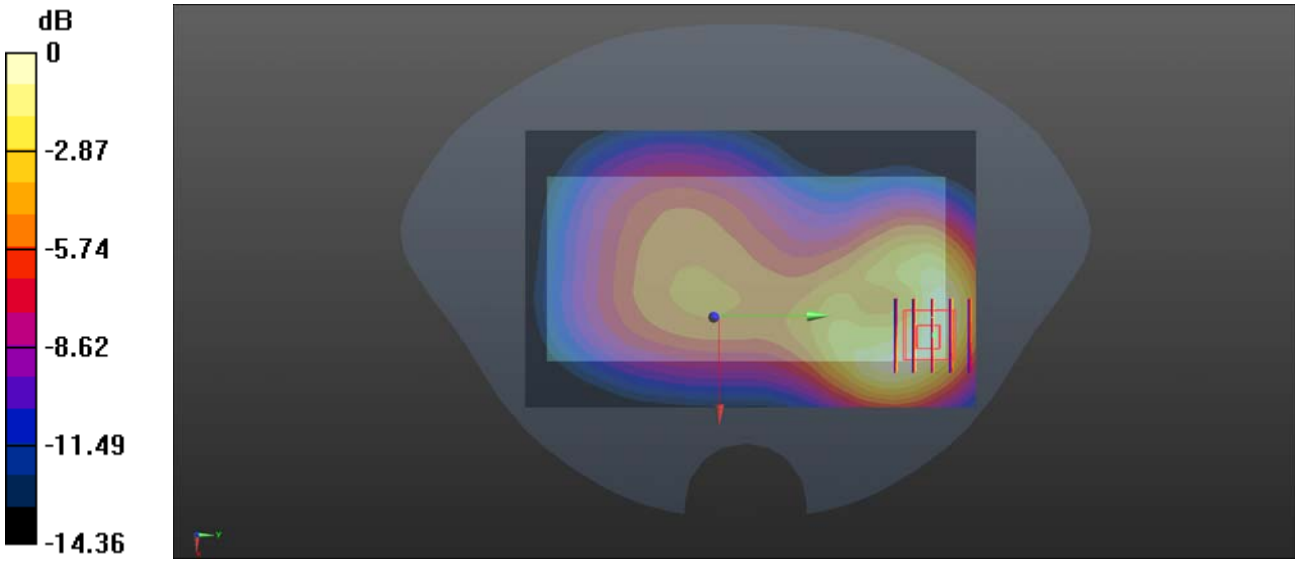
LTE Band 5_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20525

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 836.5 MHz; σ = 0.943 S/m; ε_r = 42.967; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20525/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.240 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.013 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.131 W/kg
Maximum value of SAR (measured) = 0.250 W/kg



0 dB = 0.250 W/kg

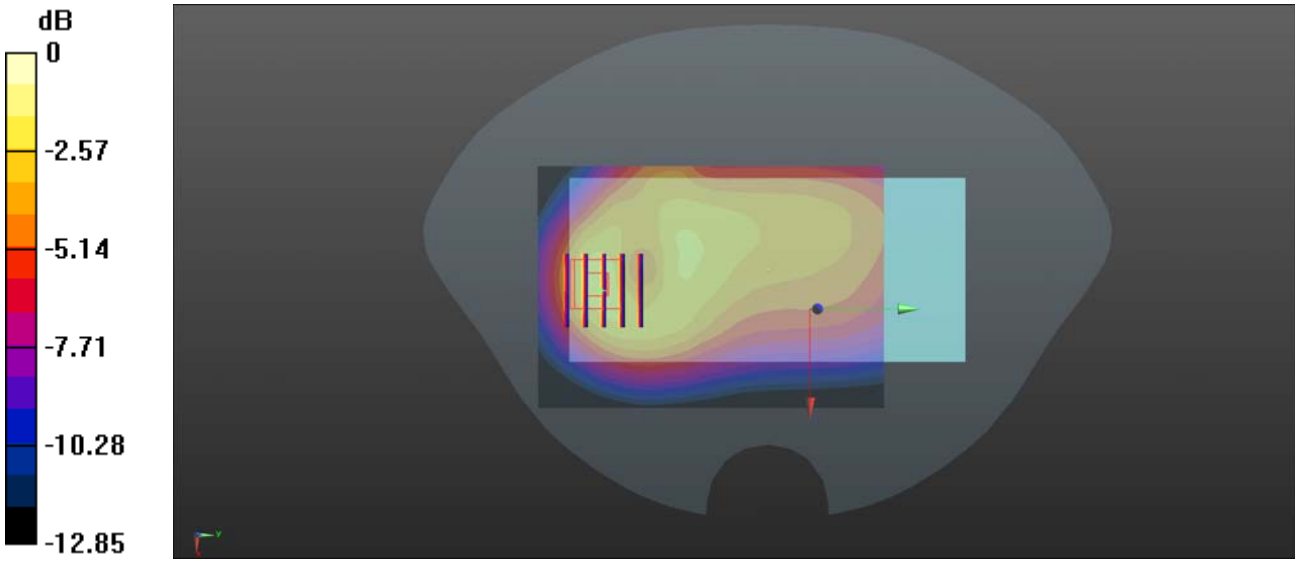
LTE Band 12_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch23060

Communication System: UID 0, LTE (0); Frequency: 704 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 704 MHz; σ = 0.917 S/m; ε_r = 42.279; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(10.09, 10.09, 10.09); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23060/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0966 W/kg

Ch23060/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.286 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.081 W/kg
Maximum value of SAR (measured) = 0.152 W/kg



0 dB = 0.152 W/kg

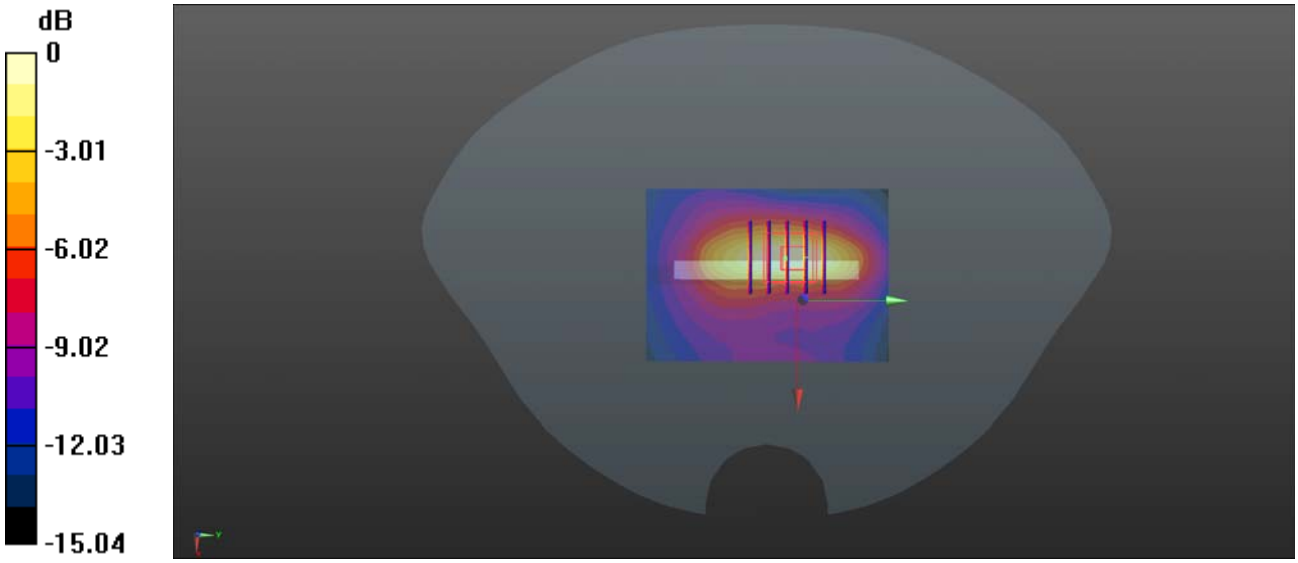
LTE Band 12_10MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch23060

Communication System: UID 0, LTE (0); Frequency: 704 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 704 MHz; σ = 0.917 S/m; ε_r = 42.279; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(10.09, 10.09, 10.09); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23060/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.159 W/kg

Ch23060/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.66 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.292 W/kg
SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.071 W/kg
Maximum value of SAR (measured) = 0.155 W/kg



0 dB = 0.155 W/kg

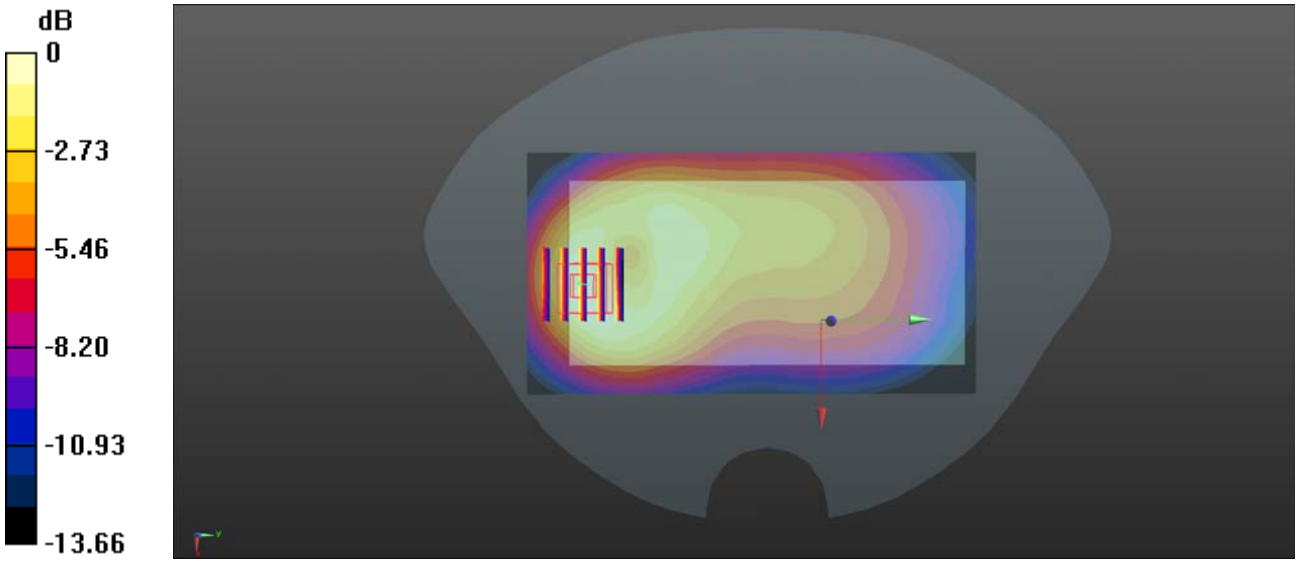
LTE Band 13_10MHz_QPSK_1RB_25Offset_Back Side_10mm_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.938 S/m; ε_r = 42.016; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(10.09, 10.09, 10.09); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23230/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.167 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.019 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.281 W/kg
SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.095 W/kg
Maximum value of SAR (measured) = 0.177 W/kg



0 dB = 0.177 W/kg

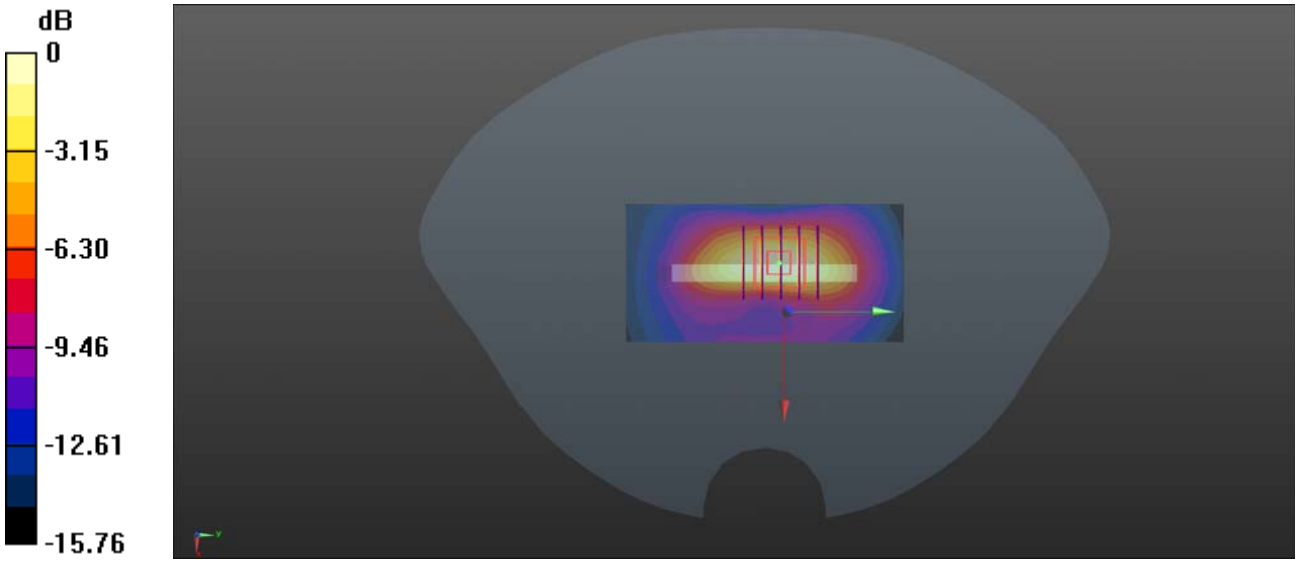
LTE Band 13_10MHz_QPSK_1RB_25Offset_Bottom Side_10mm_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.938 S/m; ε_r = 42.016; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(10.09, 10.09, 10.09); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23230/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.327 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.83 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.562 W/kg
SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.142 W/kg
Maximum value of SAR (measured) = 0.316 W/kg



0 dB = 0.316 W/kg

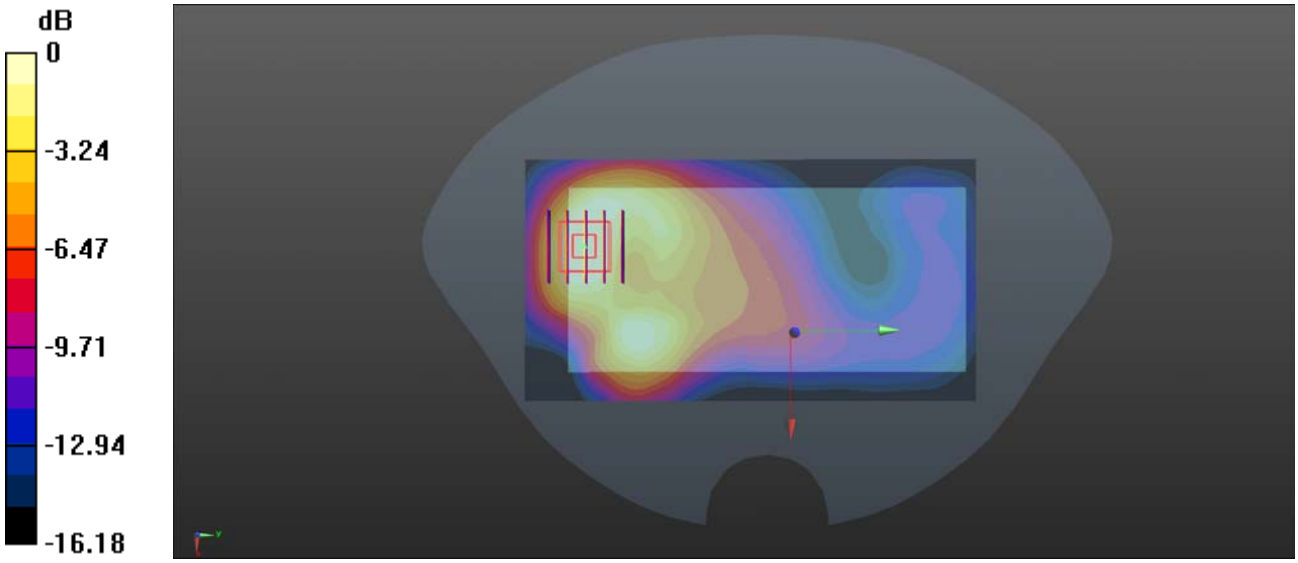
LTE Band 25_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch26365

Communication System: UID 0, LTE (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1882.5 MHz; σ = 1.321 S/m; ε_r = 39.91; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26365/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.399 W/kg

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.595 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.450 W/kg
SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.137 W/kg
Maximum value of SAR (measured) = 0.296 W/kg



0 dB = 0.296 W/kg

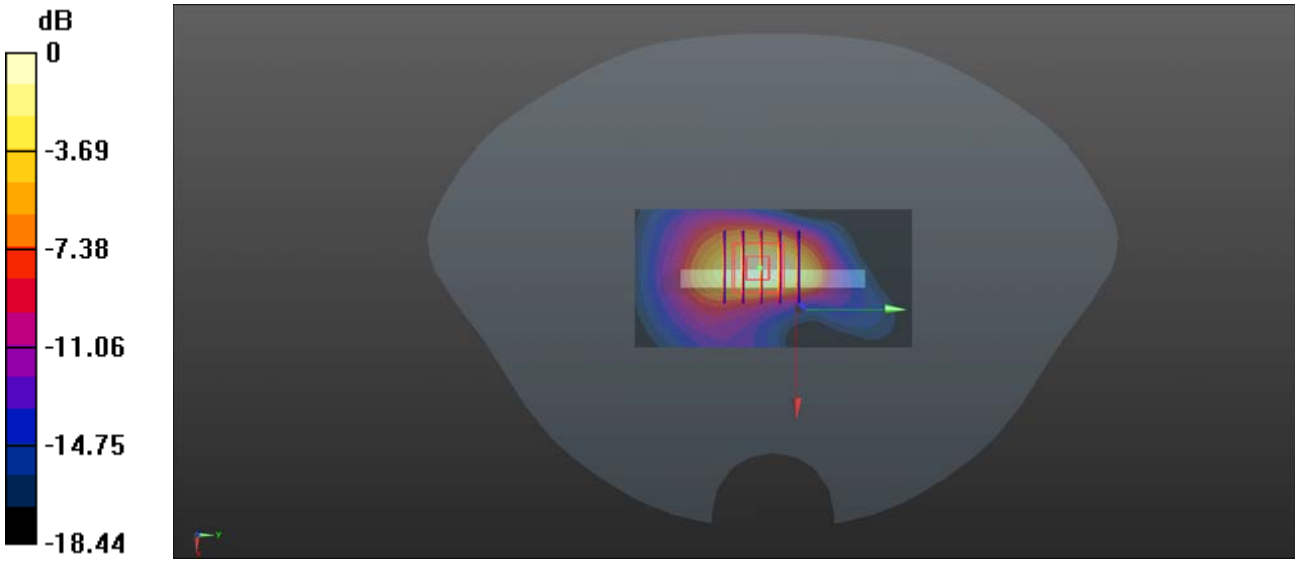
LTE Band 25_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch26365

Communication System: UID 0, LTE (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1882.5 MHz; σ = 1.321 S/m; ε_r = 39.91; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.74, 7.74, 7.74); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26365/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.665 W/kg

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.30 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.972 W/kg
SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.266 W/kg
Maximum value of SAR (measured) = 0.609 W/kg



0 dB = 0.609 W/kg

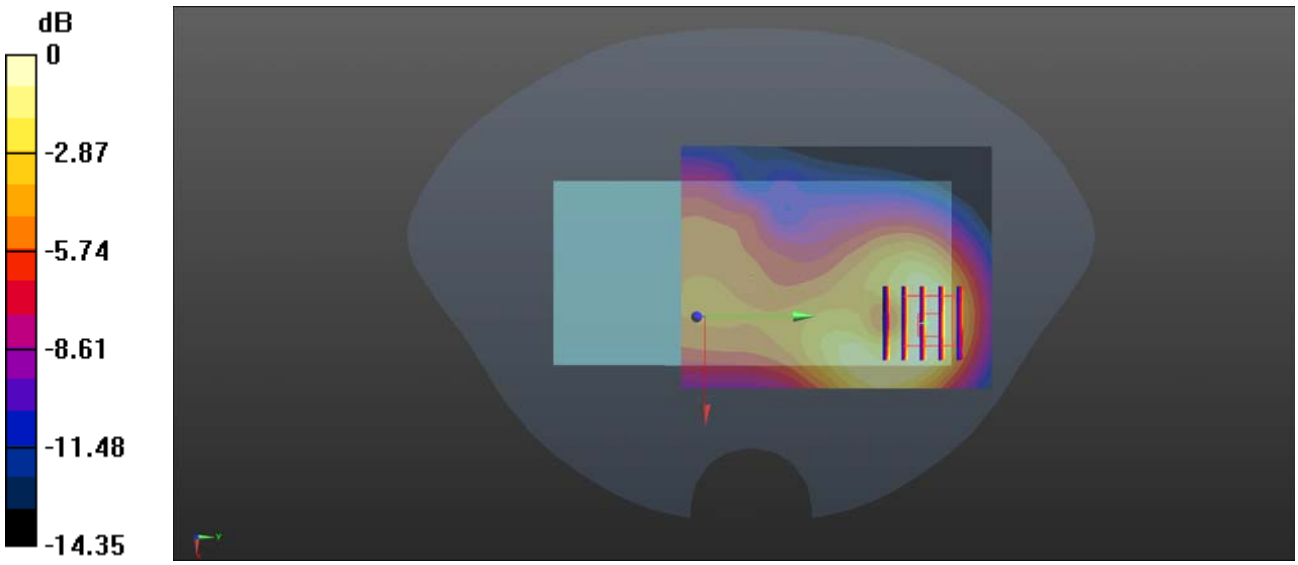
LTE Band 26_15MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch26865

Communication System: UID 0, LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 831.5 MHz; σ = 0.936 S/m; ε_r = 42.882; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.3, 9.3, 9.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.383 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.97 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.195 W/kg
Maximum value of SAR (measured) = 0.389 W/kg



0 dB = 0.389 W/kg

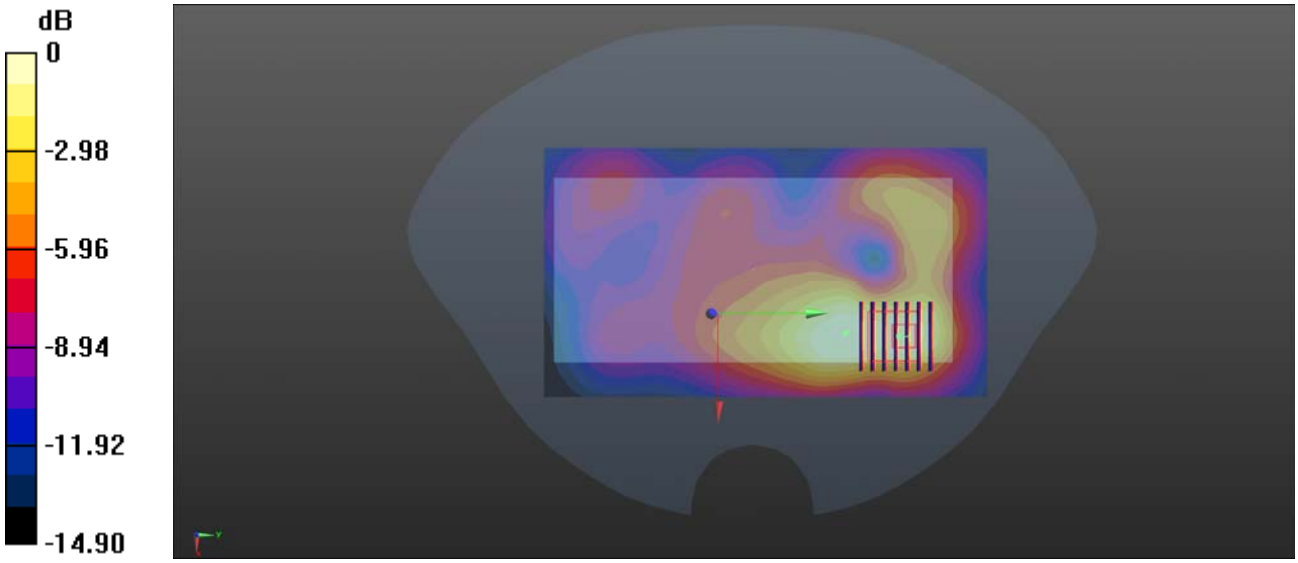
LTE Band 41_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch40620

Communication System: UID 0, LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2593 MHz; σ = 1.973 S/m; ε_r = 38.214; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7, 7, 7); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40620/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.540 W/kg

Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.537 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.692 W/kg
SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 0.512 W/kg



0 dB = 0.512 W/kg

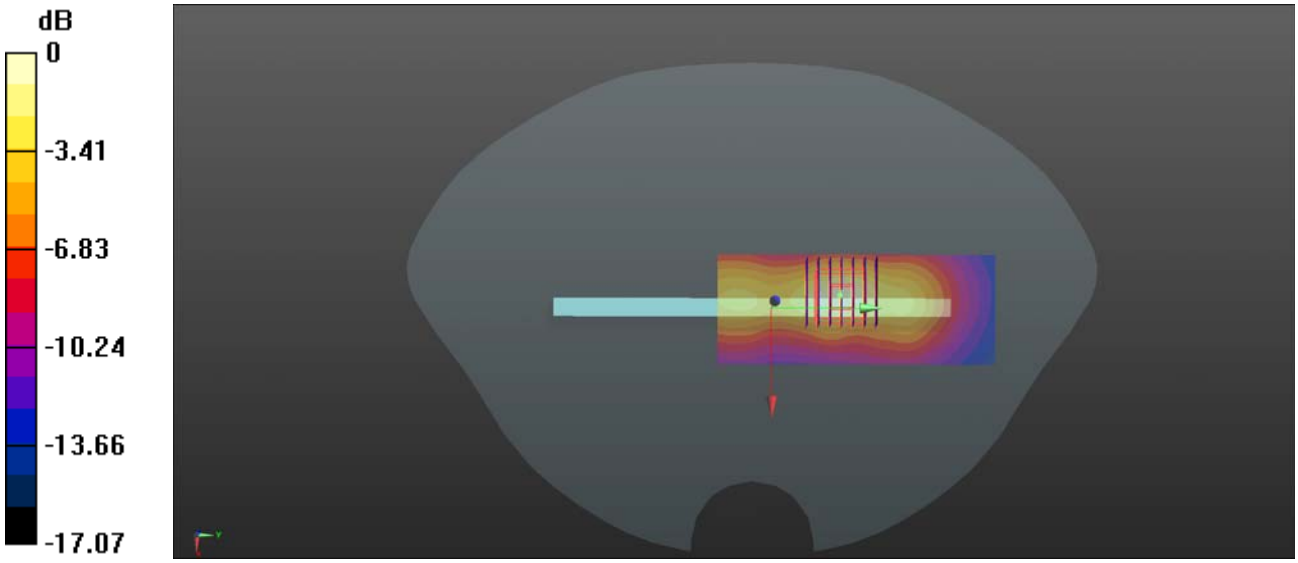
LTE Band 41_20MHz_QPSK_1RB_0Offset_Right Side_10mm_Ch40620

Communication System: UID 0, LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2593 MHz; σ = 1.973 S/m; ε_r = 38.214; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7, 7, 7); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40620/Area Scan (41x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.700 W/kg

Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.34 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.968 W/kg
SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.224 W/kg
Maximum value of SAR (measured) = 0.702 W/kg



0 dB = 0.700 W/kg

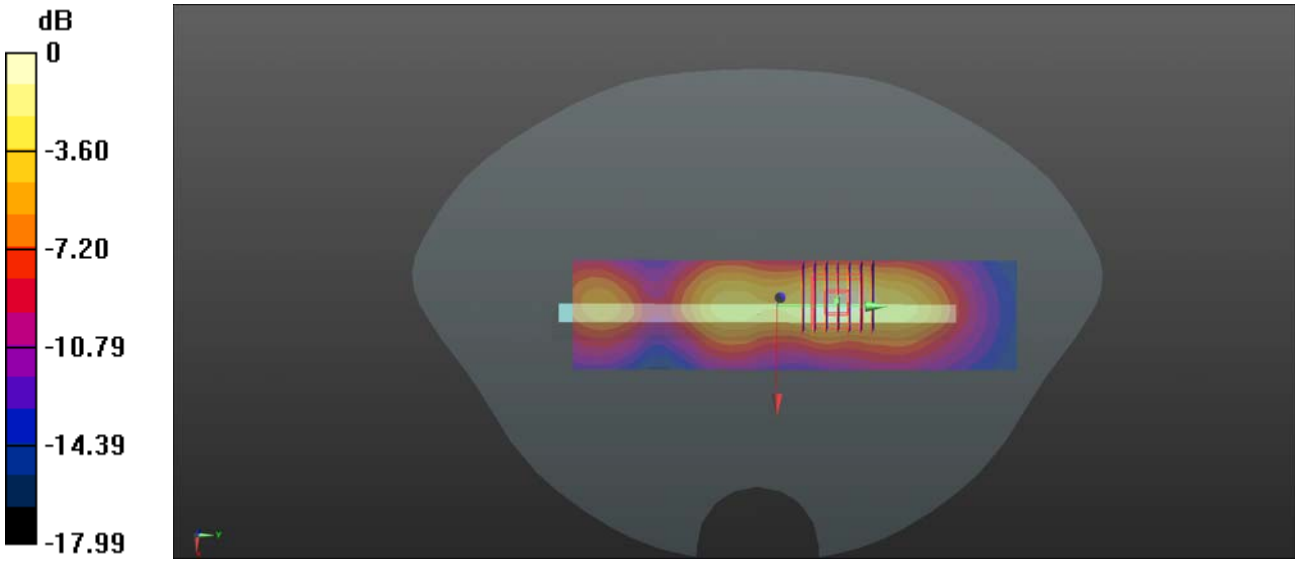
LTE Band 41C_20MHz_QPSK_1RB_0Offset_Right Side_10mm_Ch39750

Communication System: UID 0, LTE (0); Frequency: 2506 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2506 MHz; σ = 1.867 S/m; ε_r = 38.534; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39750/Area Scan (41x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.721 W/kg

Ch39750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.86 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.491 W/kg; SAR(10 g) = 0.232 W/kg
Maximum value of SAR (measured) = 0.743 W/kg



0 dB = 0.721 W/kg

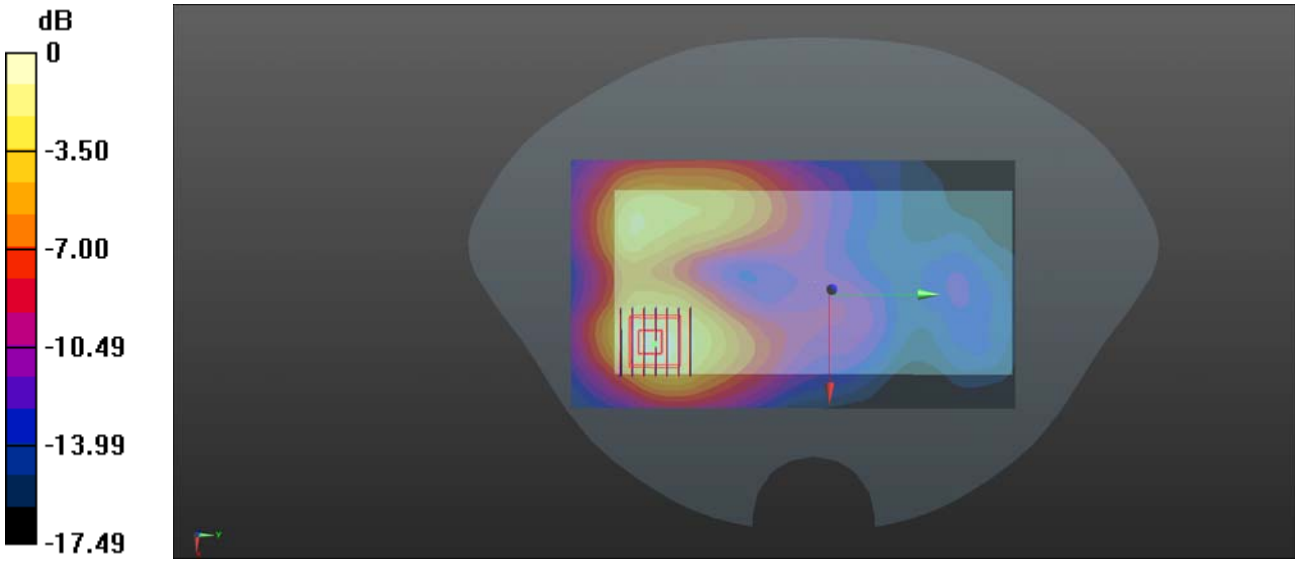
LTE Band 41C(HPUE)_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch40620

Communication System: UID 0, LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2593 MHz; σ = 1.973 S/m; ε_r = 38.214; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7, 7, 7); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40620/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.476 W/kg

Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.889 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.623 W/kg
SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.167 W/kg
Maximum value of SAR (measured) = 0.467 W/kg



0 dB = 0.476 W/kg

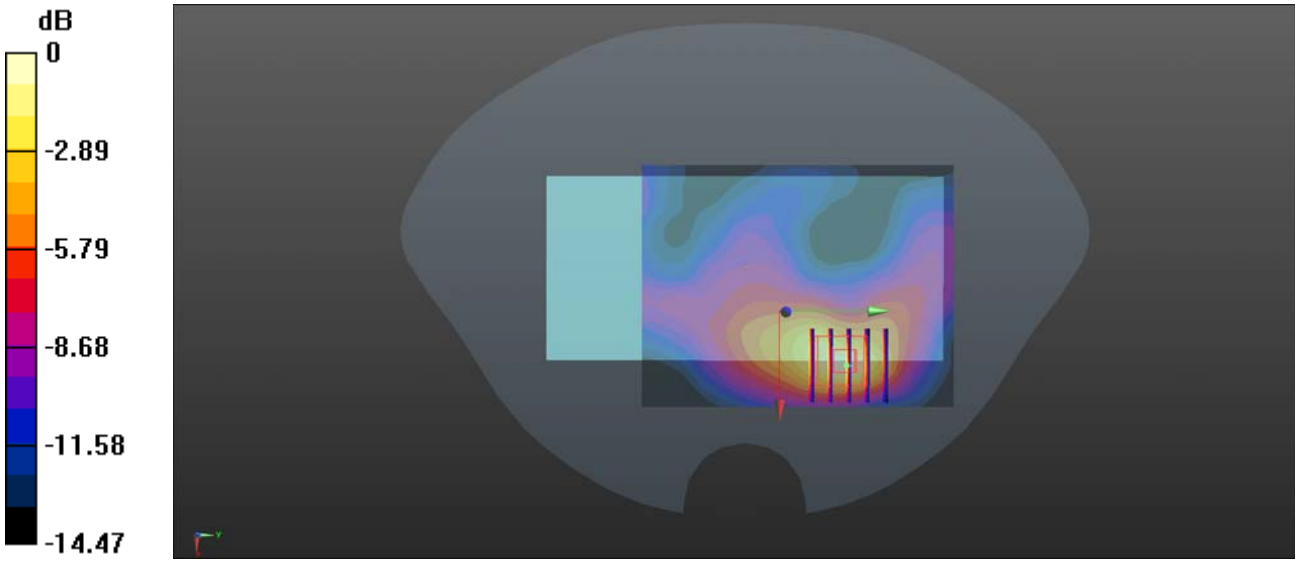
LTE Band 66_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch132322

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1745 MHz; σ = 1.438 S/m; ε_r = 39.566; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.99, 7.99, 7.99); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132322/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.128 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.712 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.237 W/kg
SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.062 W/kg
Maximum value of SAR (measured) = 0.134 W/kg



0 dB = 0.134 W/kg

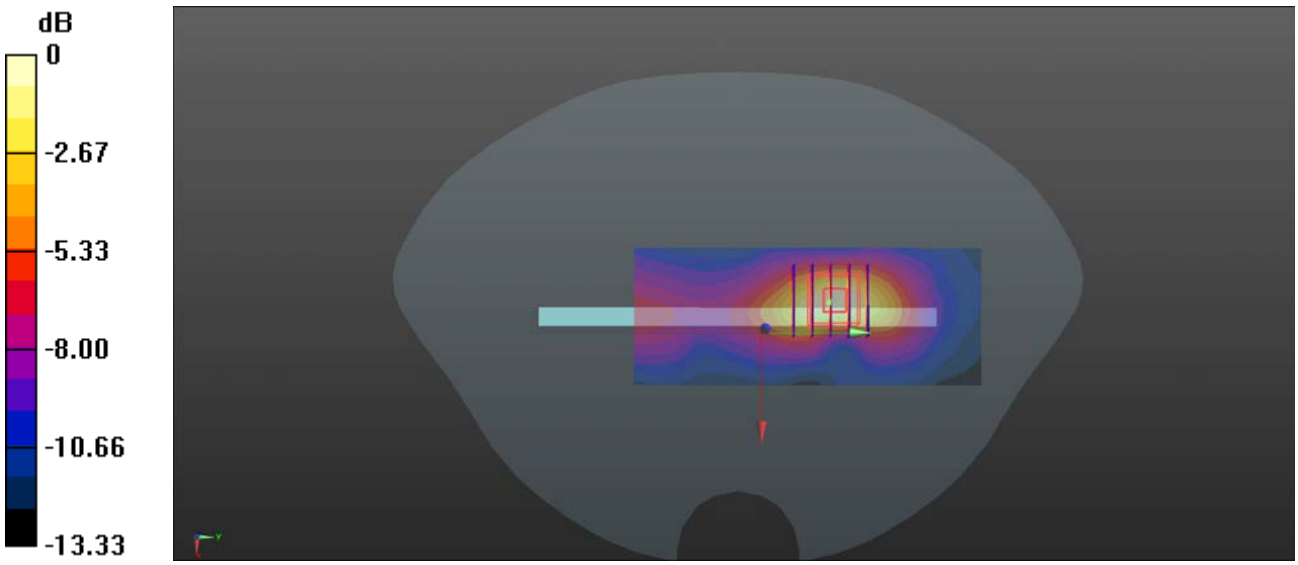
LTE Band 66C_20MHz_QPSK_1RB_0Offset_Left Side_10mm_Ch132072

Communication System: UID 0, LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1720 MHz; σ = 1.394 S/m; ε_r = 39.868; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.99, 7.99, 7.99); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0882 W/kg

Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.479 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.146 W/kg
SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.042 W/kg
Maximum value of SAR (measured) = 0.0892 W/kg



0 dB = 0.0882 W/kg

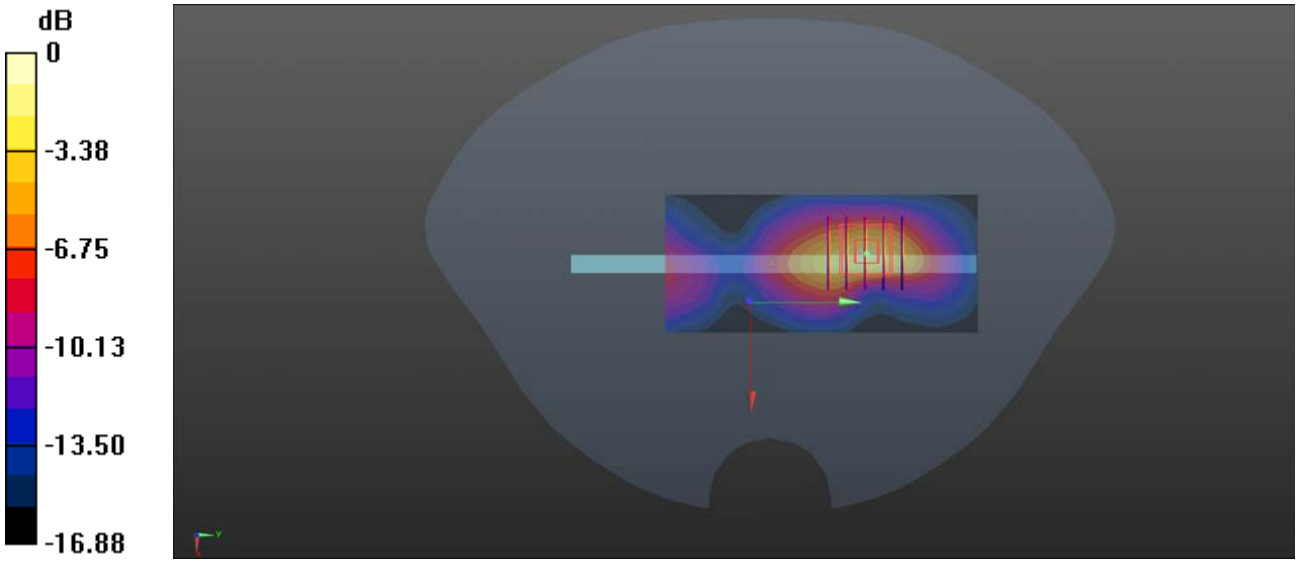
LTE Band 66_20MHz_QPSK_1RB_0Offset_Left Side_10mm_Ch132322

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1745 MHz; σ = 1.438 S/m; ε_r = 39.566; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.99, 7.99, 7.99); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132322/Area Scan (41x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.217 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.646 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.541 W/kg
SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.133 W/kg
Maximum value of SAR (measured) = 0.333 W/kg



0 dB = 0.333 W/kg

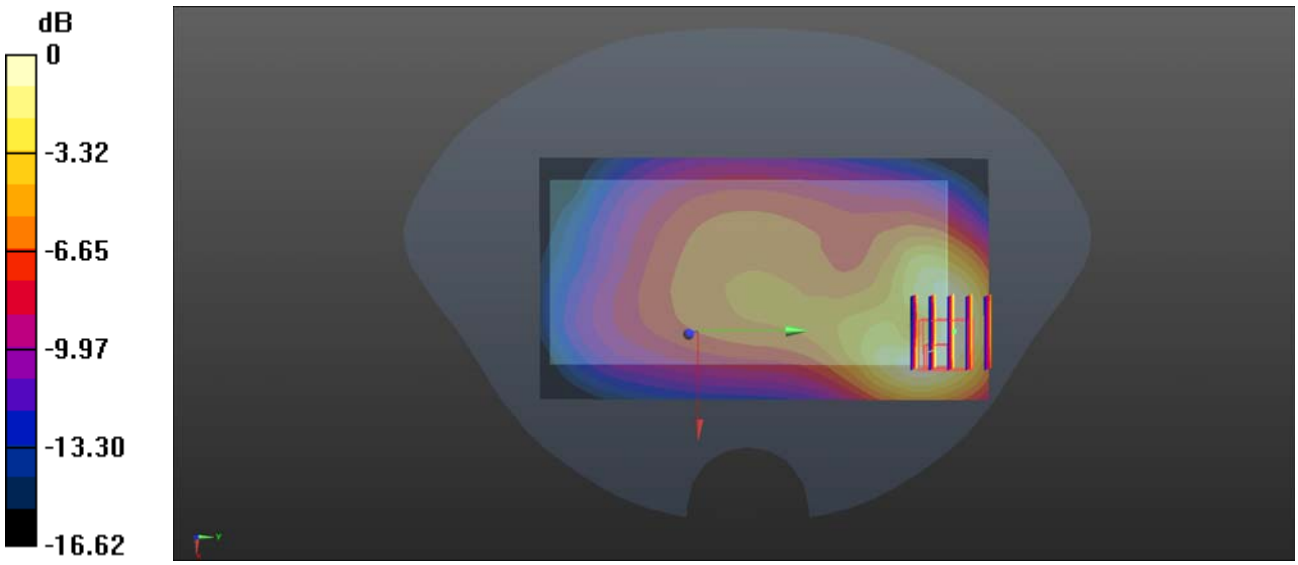
LTE Band 71_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch133322

Communication System: UID 0, LTE (0); Frequency: 683 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 683 MHz; σ = 0.91 S/m; ε_r = 42.287; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3154; ConvF(6.34, 6.34, 6.34); Calibrated: 2019.07.16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch133322/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.462 W/kg

Ch133322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.20 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.747 W/kg
SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.166 W/kg
Maximum value of SAR (measured) = 0.459 W/kg



0 dB = 0.459 W/kg

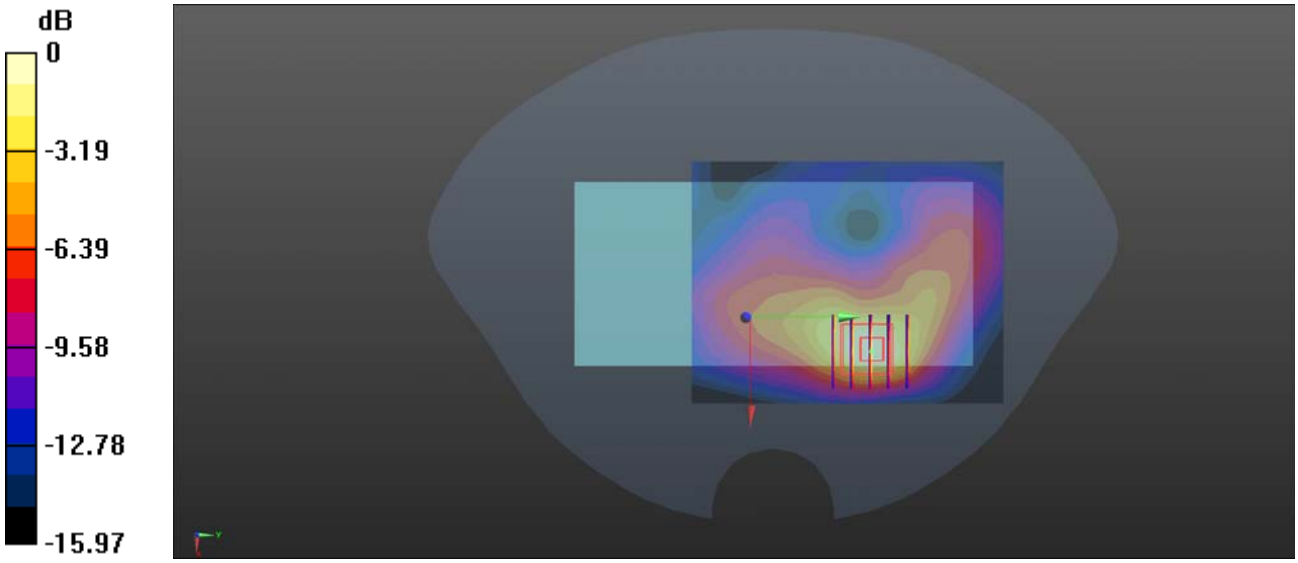
NR Band n2_20MHz_DFT-S-QPSK_1RB_1Offset_Back Side_10mm_Ch380000

Communication System: UID 0, 5G NR (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1900 MHz; σ = 1.319 S/m; ε_r = 39.745; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(8.13, 8.13, 8.13); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch380000/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.227 W/kg

Ch380000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.423 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.393 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.107 W/kg
Maximum value of SAR (measured) = 0.241 W/kg



0 dB = 0.227 W/kg

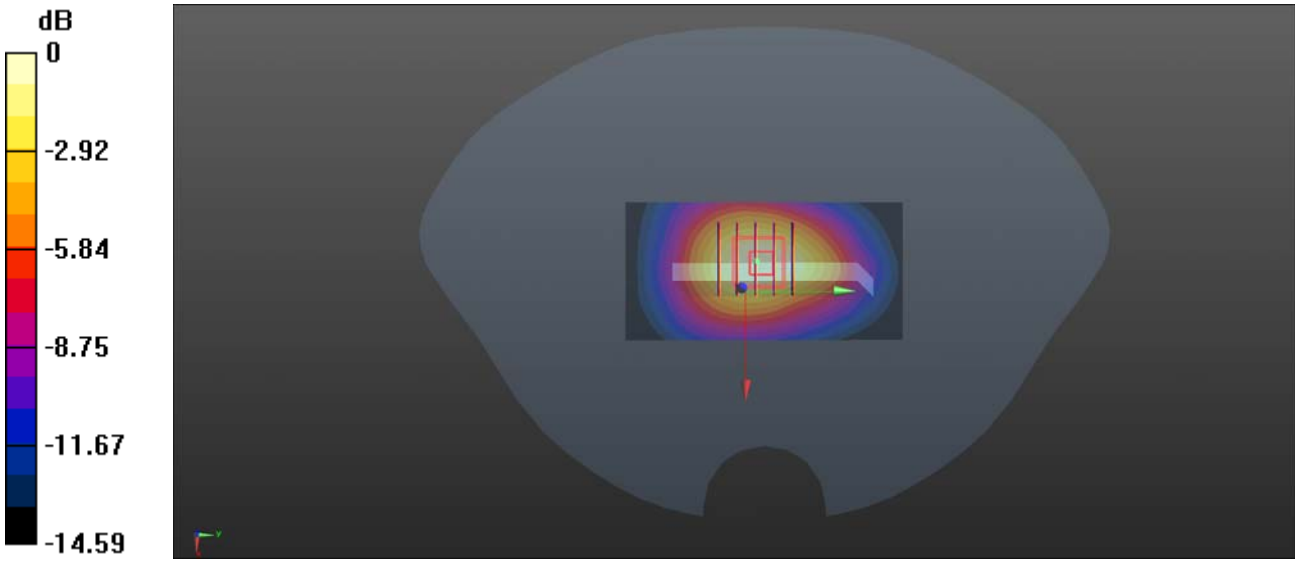
NR Band n2_20MHz_DFT-S-QPSK_1RB_1Offset_Bottom Side_10mm_Ch380000

Communication System: UID 0, 5G NR (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1900 MHz; σ = 1.319 S/m; ε_r = 39.745; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(8.13, 8.13, 8.13); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch380000/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.558 W/kg

Ch380000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.11 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.800 W/kg
SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.282 W/kg
Maximum value of SAR (measured) = 0.531 W/kg



0 dB = 0.531 W/kg

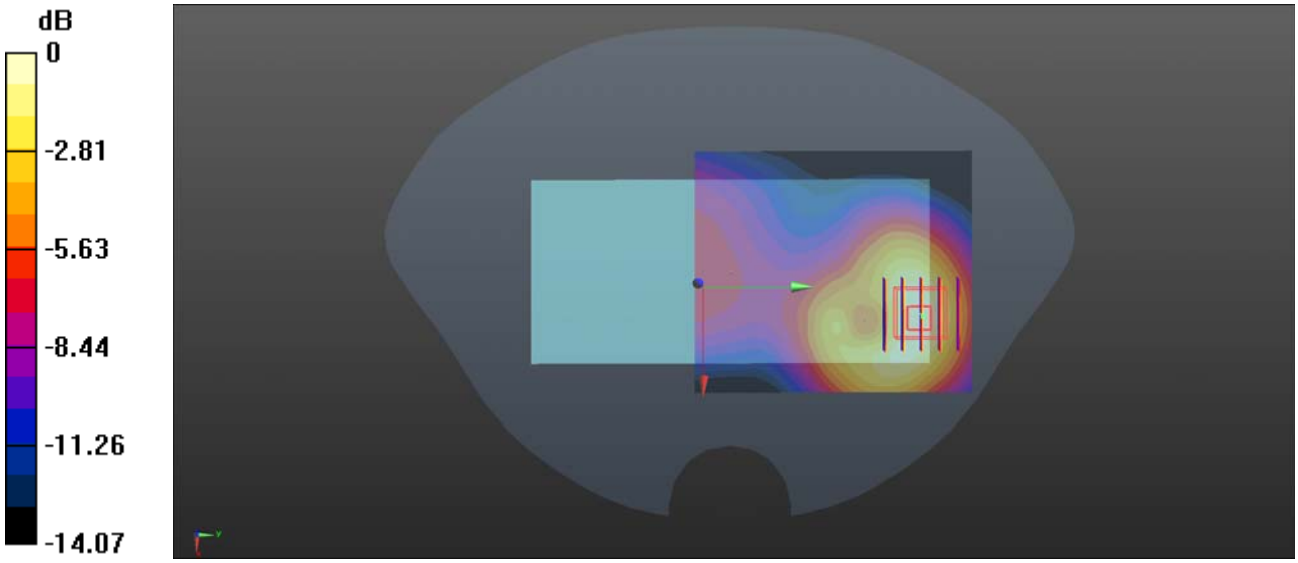
NR Band n5_20MHz_DFT-S-QPSK_1RB_1Offset_Back Side_10mm_Ch167800

Communication System: UID 0, 5G NR (0); Frequency: 839 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 839 MHz; σ = 0.948 S/m; ε_r = 43.016; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(9.74, 9.74, 9.74); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch167800/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.147 W/kg

Ch167800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.600 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.276 W/kg
SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.160 W/kg



0 dB = 0.160 W/kg

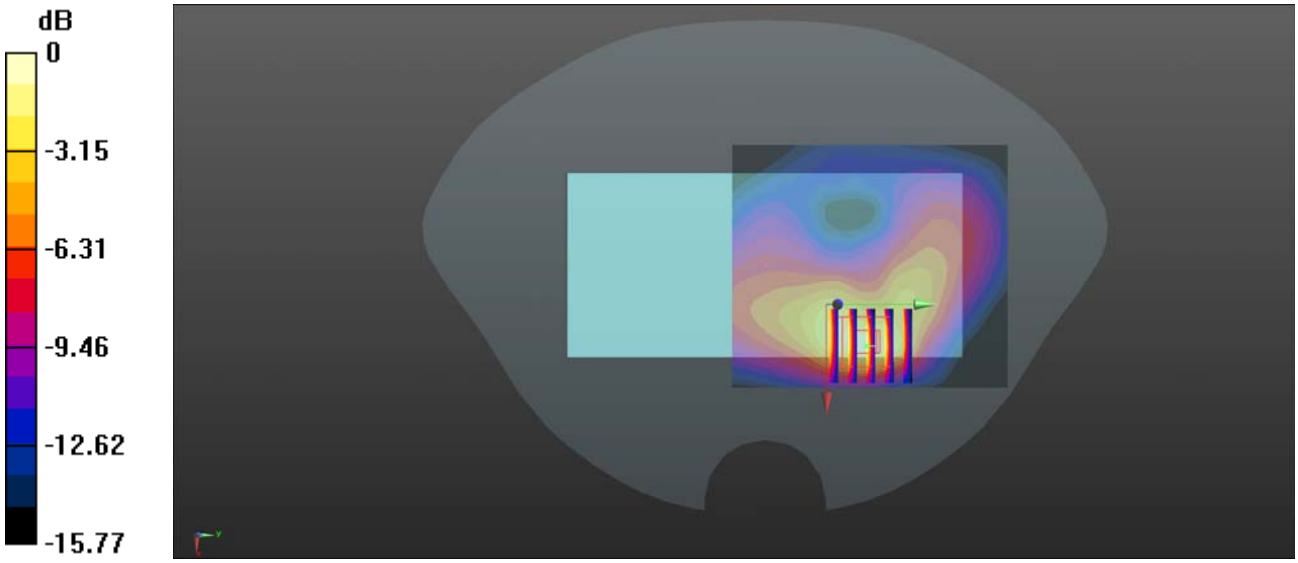
NR Band n25_20MHz_DFT-S-QPSK_1RB_1Offset_Back Side_10mm_Ch372000

Communication System: UID 0, 5G NR (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1860 MHz; σ = 1.308 S/m; ε_r = 39.824; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(8.13, 8.13, 8.13); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch372000/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.268 W/kg

Ch372000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.822 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.450 W/kg
SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.123 W/kg
Maximum value of SAR (measured) = 0.266 W/kg



0 dB = 0.268 W/kg

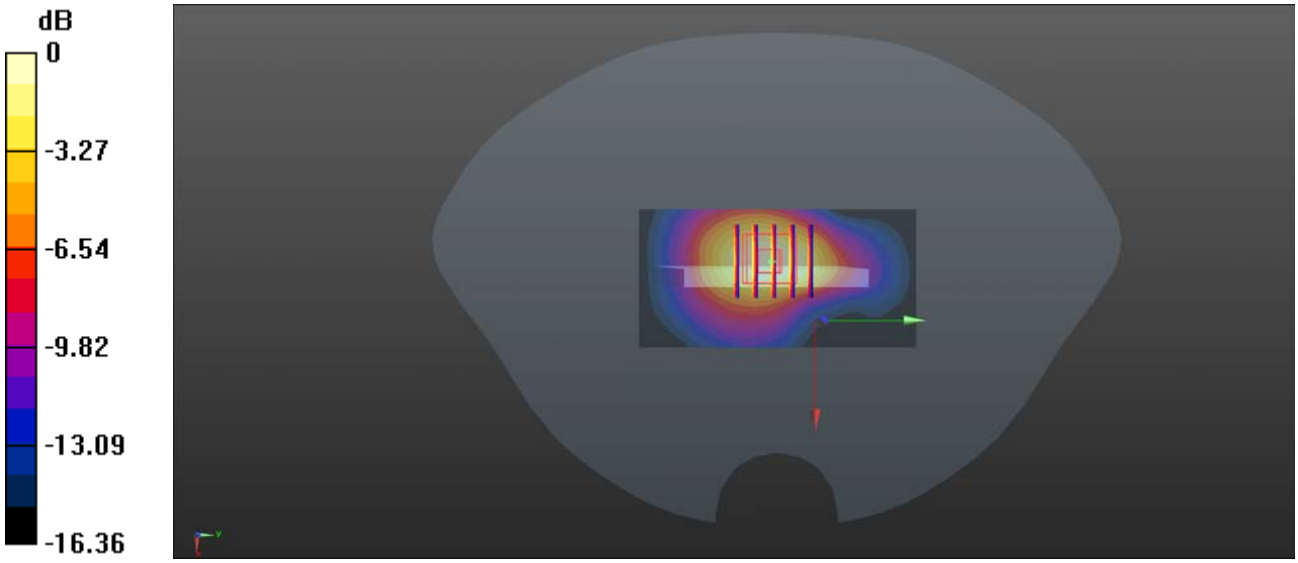
NR Band n25_20MHz_DFT-S-QPSK_1RB_1Offset_Bottom Side_10mm_Ch372000

Communication System: UID 0, 5G NR (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1860 MHz; σ = 1.308 S/m; ε_r = 39.824; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(8.13, 8.13, 8.13); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch372000/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.621 W/kg

Ch372000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.79 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.818 W/kg
SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.294 W/kg
Maximum value of SAR (measured) = 0.572 W/kg



0 dB = 0.572 W/kg

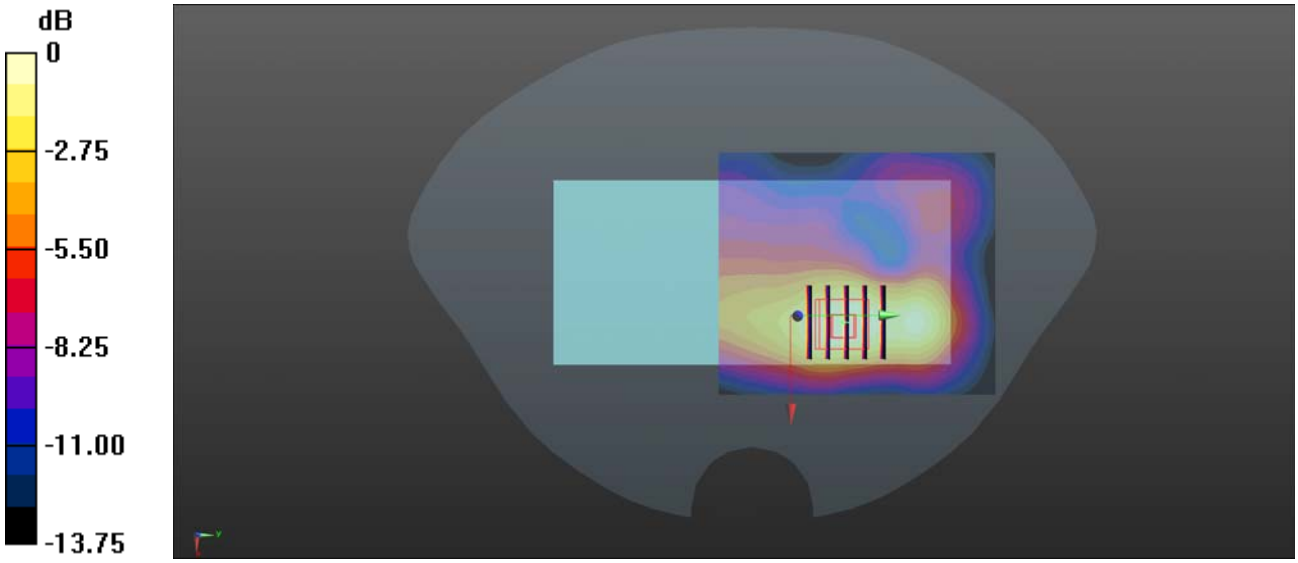
NR Band n41_100MHz_DFT-S-QPSK_1RB_1Offset_Back Side_10mm_Ch518598

Communication System: UID 0, 5G NR (0); Frequency: 2592.99 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2593 MHz; σ = 1.973 S/m; ε_r = 38.214; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch518598/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.532 W/kg

Ch518598/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.458 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.878 W/kg
SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.255 W/kg
Maximum value of SAR (measured) = 0.513 W/kg



0 dB = 0.513 W/kg

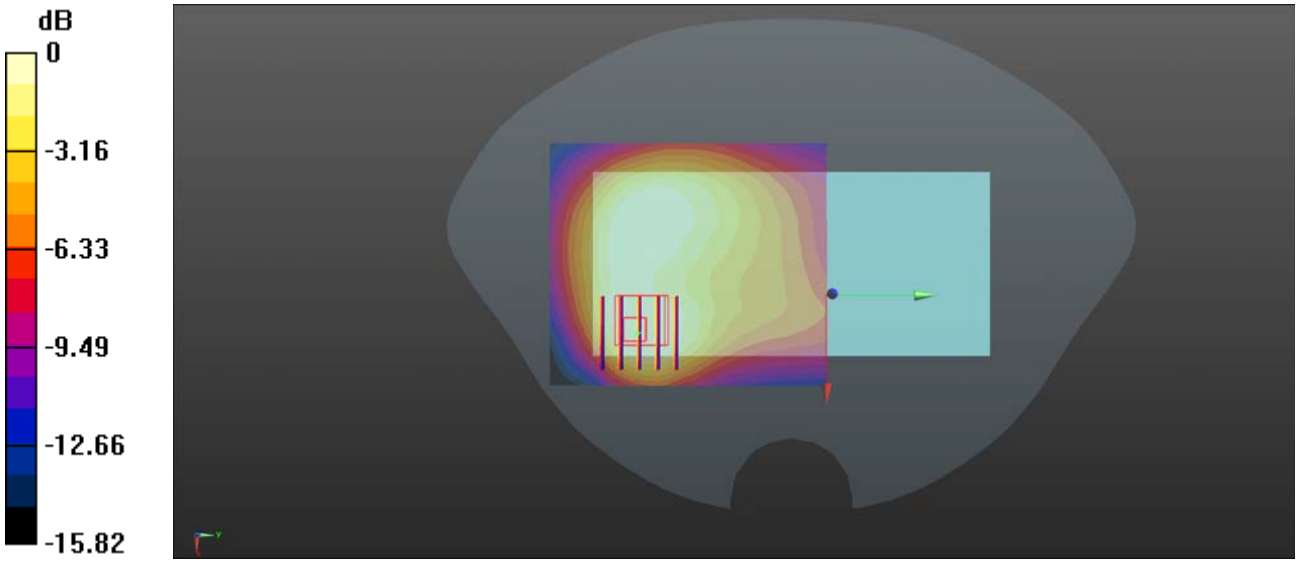
NR Band n66_20MHz_DFT-S-QPSK_1RB_1Offset_Back Side_10mm_Ch349000

Communication System: UID 0, 5G NR (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1745 MHz; σ = 1.438 S/m; ε_r = 39.566; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(8.53, 8.53, 8.53); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch349000/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.500 W/kg

Ch349000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.921 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.681 W/kg
SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.239 W/kg
Maximum value of SAR (measured) = 0.423 W/kg



0 dB = 0.423 W/kg

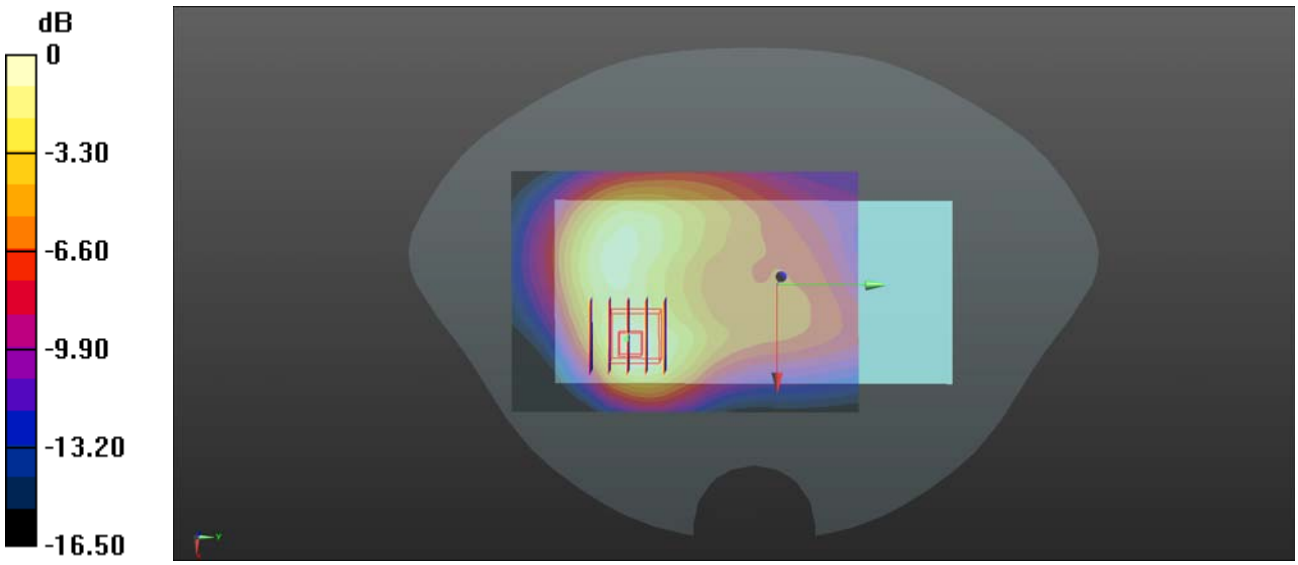
NR Band n71_20MHz_DFT-S-QPSK_1RB_1Offset_Back Side_10mm_Ch136100

Communication System: UID 0, 5G NR (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 680.5 MHz; σ = 0.911 S/m; ε_r = 42.339; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7515; ConvF(10.09, 10.09, 10.09); Calibrated: 2020.11.30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch136100/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.438 W/kg

Ch136100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.38 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.624 W/kg
SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.212 W/kg
Maximum value of SAR (measured) = 0.391 W/kg



0 dB = 0.438 W/kg

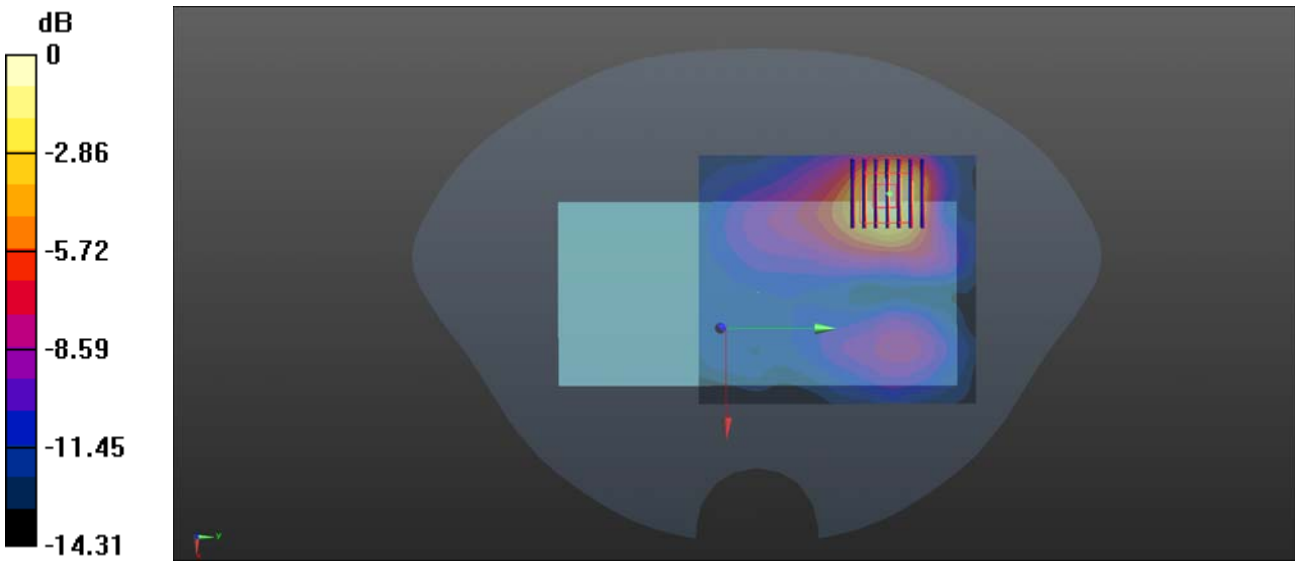
WLAN 2.4GHz_802.11b 1Mbps_Back Side_10mm_Ch11_Ant 5

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: f = 2462 MHz; σ = 1.826 S/m; ε_r = 38.806; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.209 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.901 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.290 W/kg
SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.065 W/kg
Maximum value of SAR (measured) = 0.207 W/kg



0 dB = 0.207 W/kg

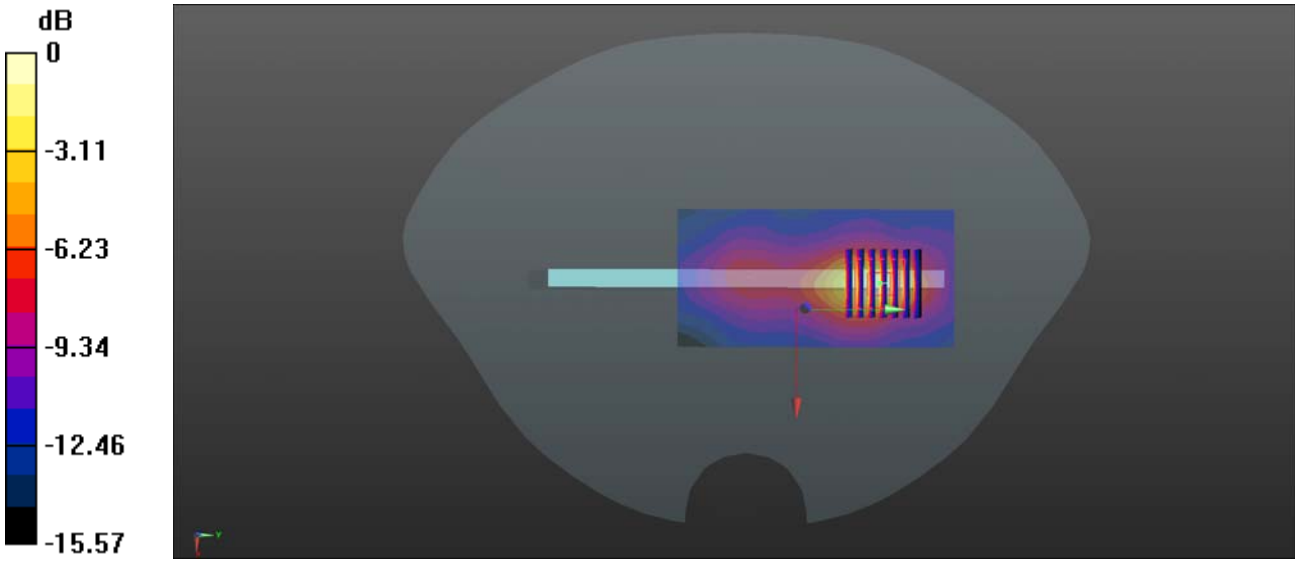
WLAN 2.4GHz_802.11b 1Mbps_Right Side_10mm_Ch11_Ant 5

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: f = 2462 MHz; σ = 1.826 S/m; ε_r = 38.806; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.3, 7.3, 7.3); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- 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 (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.266 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.238 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.375 W/kg
SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.077 W/kg
Maximum value of SAR (measured) = 0.275 W/kg



0 dB = 0.275 W/kg

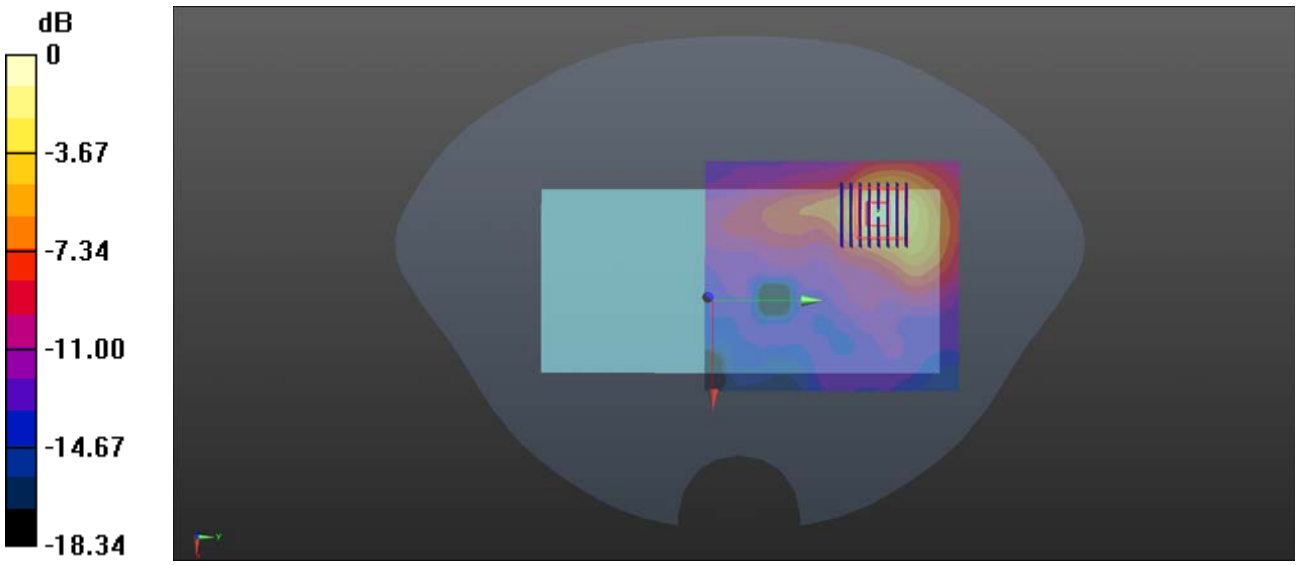
WLAN 5.2GHz_802.11a 6Mbps_Back Side_10mm_Ch48_Ant 5

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5240 MHz;Duty Cycle: 1:1.042
Medium: HSL_5250 Medium parameters used: f = 5240 MHz; σ = 4.522 S/m; ε_r = 34.978; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(5.29, 5.29, 5.29); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch48/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.630 W/kg

Ch48/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.221 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.133 W/kg
Maximum value of SAR (measured) = 0.631 W/kg



0 dB = 0.631 W/kg

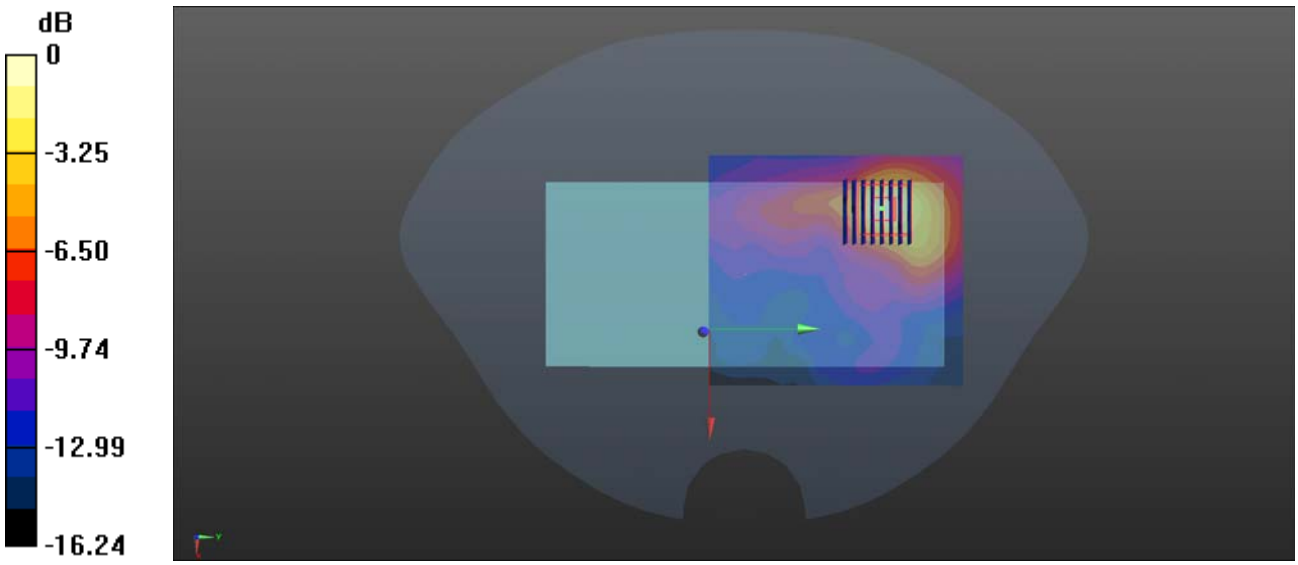
WLAN 5.3GHz_802.11 a 6Mbps_Back Side_10mm_Ch60_Ant 5

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5300 MHz;Duty Cycle: 1:1.042
Medium: HSL_5250 Medium parameters used: f = 5300 MHz; σ = 4.583 S/m; ε_r = 34.906; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(5.29, 5.29, 5.29); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch60/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.565 W/kg

Ch60/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.765 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.119 W/kg
Maximum value of SAR (measured) = 0.561 W/kg



0 dB = 0.561 W/kg

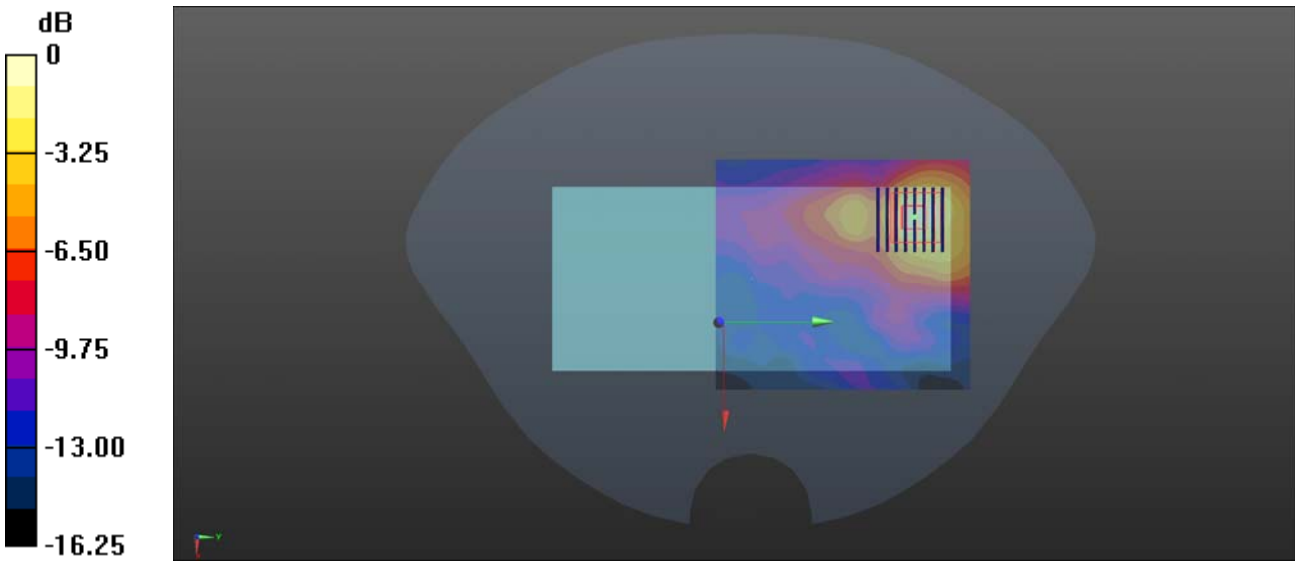
WLAN 5.5GHz_802.11a 6Mbps_Back Side_10mm_Ch144_Ant 5

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5720 MHz;Duty Cycle: 1:1.042
Medium: HSL_5600 Medium parameters used: f = 5720 MHz; σ = 4.999 S/m; ε_r = 34.322; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(4.59, 4.59, 4.59); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch144/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.709 W/kg

Ch144/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.307 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.152 W/kg
Maximum value of SAR (measured) = 0.720 W/kg



0 dB = 0.720 W/kg

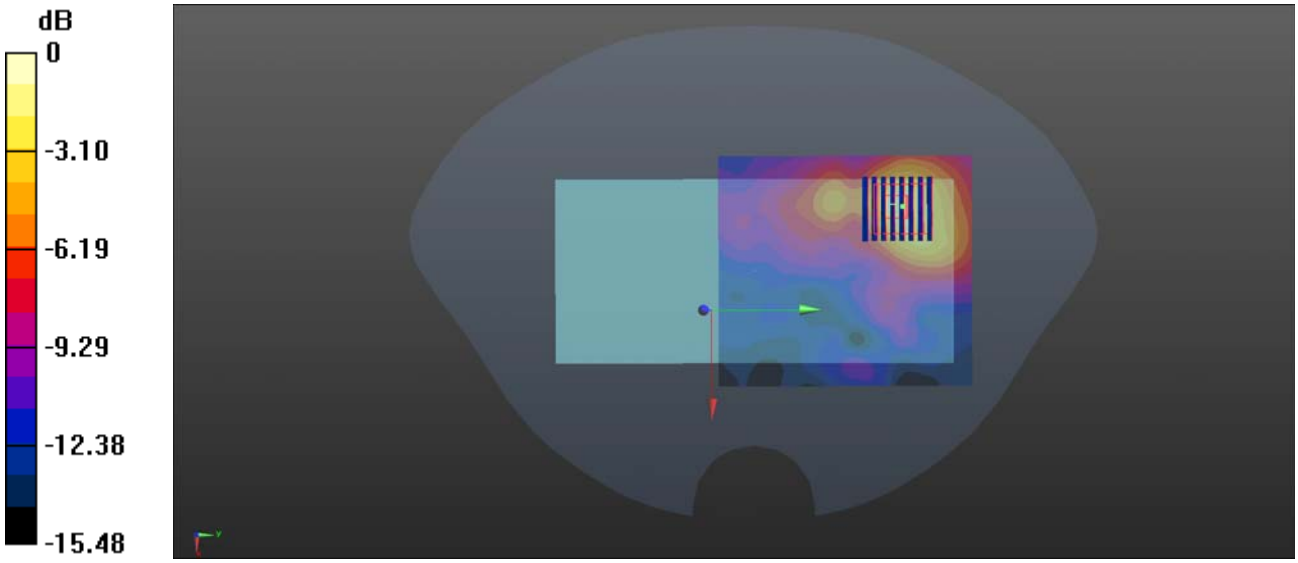
WLAN 5.8GHz_802.11a 6Mbps_Back Side_10mm_Ch165_Ant 5

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5825 MHz;Duty Cycle: 1:1.042
Medium: HSL_5250 Medium parameters used: f = 5825 MHz; σ = 5.105 S/m; ε_r = 34.176; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(4.59, 4.59, 4.59); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch165/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.569 W/kg

Ch165/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.225 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.124 W/kg
Maximum value of SAR (measured) = 0.567 W/kg



0 dB = 0.567 W/kg

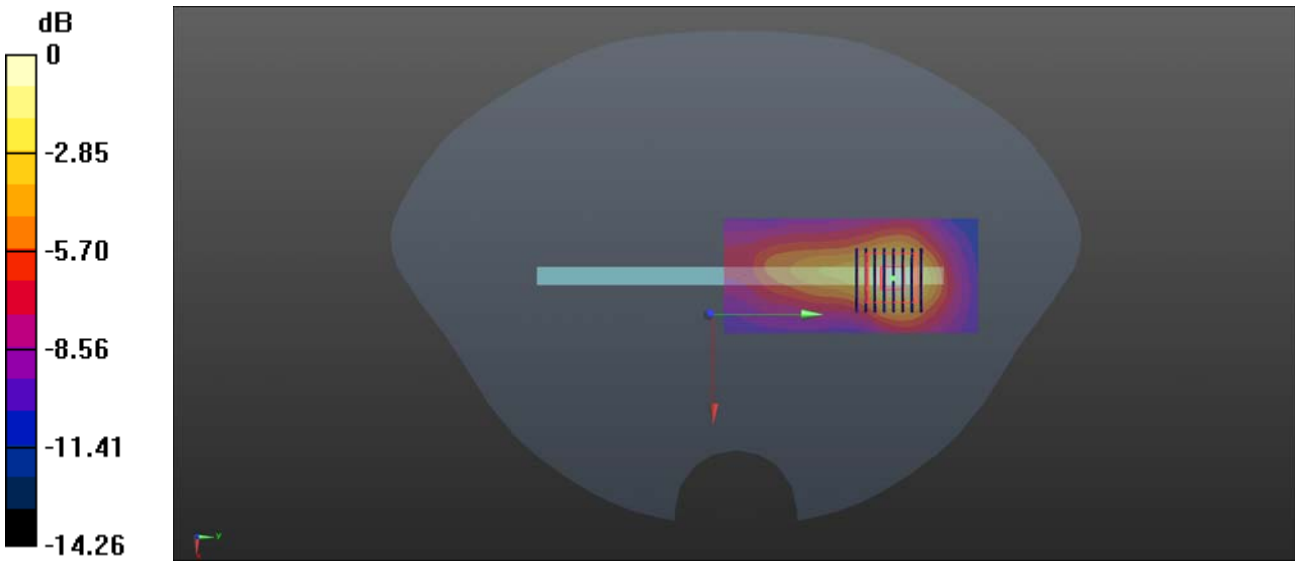
WLAN 5.8GHz_802.11a 6Mbps_Right Side_10mm_Ch165_Ant 5

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5825 MHz;Duty Cycle: 1:1.042
Medium: HSL_5750 Medium parameters used: f = 5825 MHz; σ = 5.105 S/m; ε_r = 34.176; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(4.59, 4.59, 4.59); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch165/Area Scan (51x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.654 W/kg

Ch165/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.400 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.138 W/kg
Maximum value of SAR (measured) = 0.603 W/kg



0 dB = 0.603 W/kg

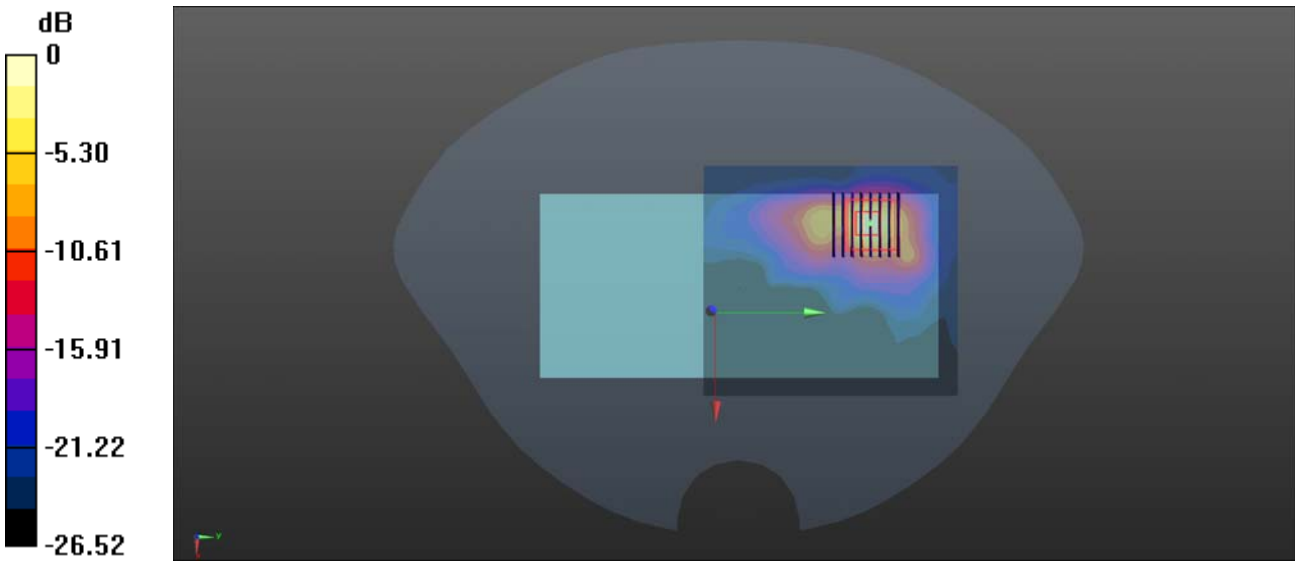
WLAN 5.3GHz_802.11 a 6Mbps_Back Side_0mm_Ch60_Ant 5

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5300 MHz;Duty Cycle: 1:1.042
Medium: HSL_5250 Medium parameters used: f = 5300 MHz; σ = 4.583 S/m; ε_r = 34.906; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(5.29, 5.29, 5.29); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch60/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 5.41 W/kg

Ch60/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.604 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 13.9 W/kg
SAR(1 g) = 2.7 W/kg; SAR(10 g) = 0.646 W/kg
Maximum value of SAR (measured) = 6.13 W/kg



0 dB = 6.13 W/kg

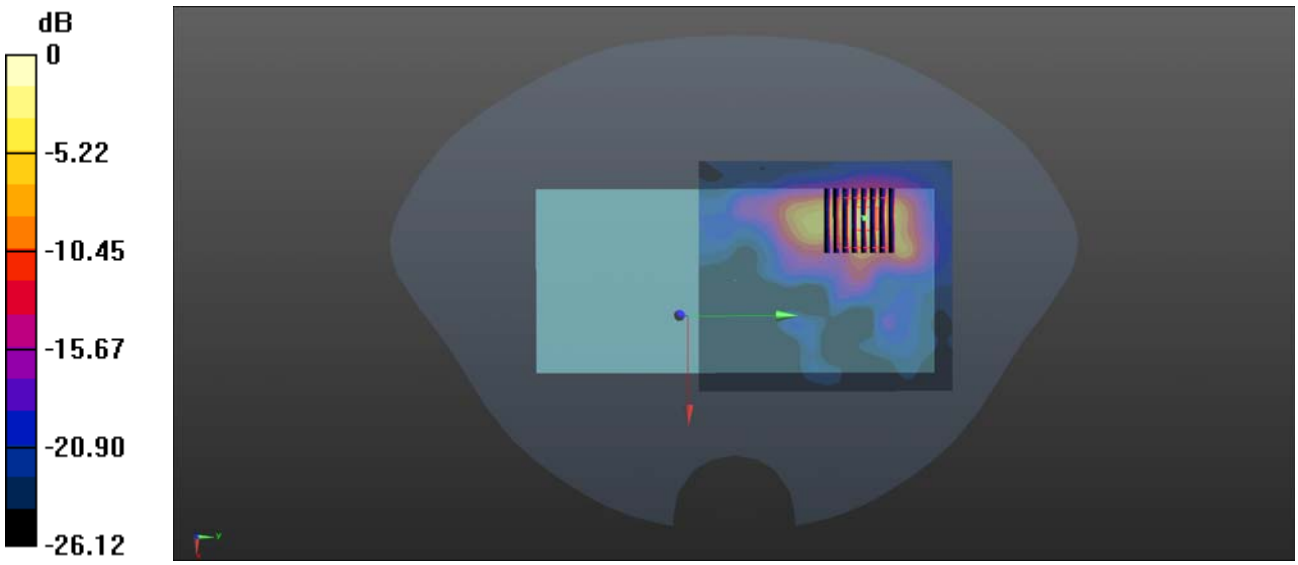
WLAN 5.5GHz_802.11a 6Mbps_Back Side_0mm_Ch144_Ant 5

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5720 MHz;Duty Cycle: 1:1.042
Medium: HSL_5750 Medium parameters used: f = 5720 MHz; σ = 4.999 S/m; ε_r = 34.322; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(4.59, 4.59, 4.59); Calibrated: 2020.01.03;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch144/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 6.27 W/kg

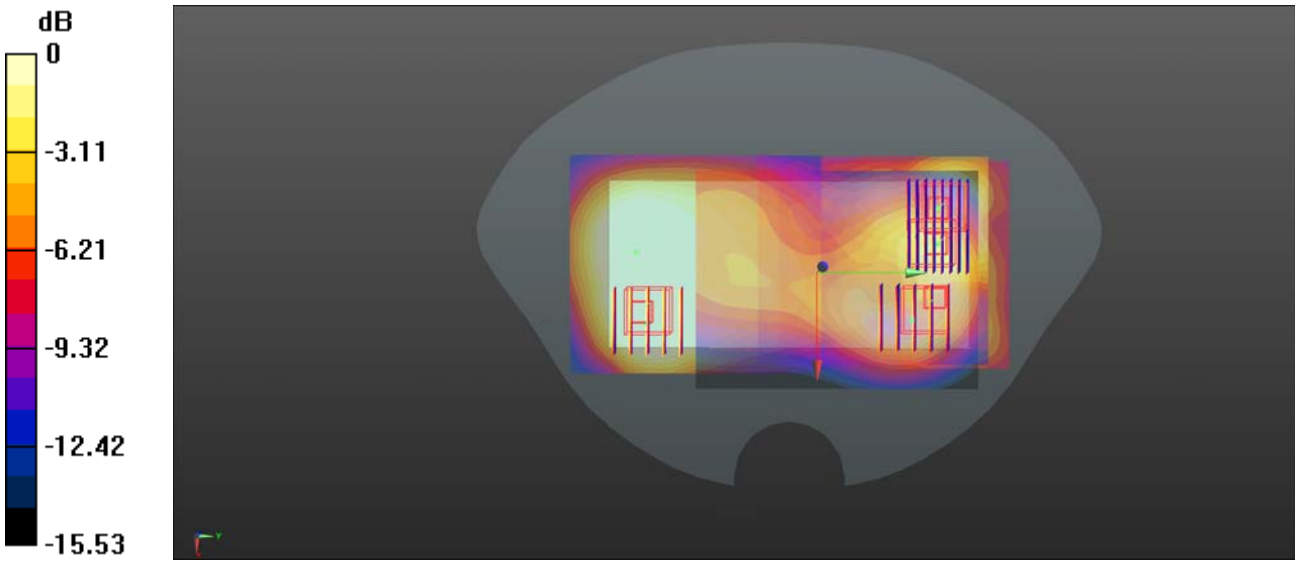
Ch144/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.388 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 16.1 W/kg
SAR(1 g) = 3.04 W/kg; SAR(10 g) = 0.760 W/kg
Maximum value of SAR (measured) = 7.06 W/kg



0 dB = 7.06 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

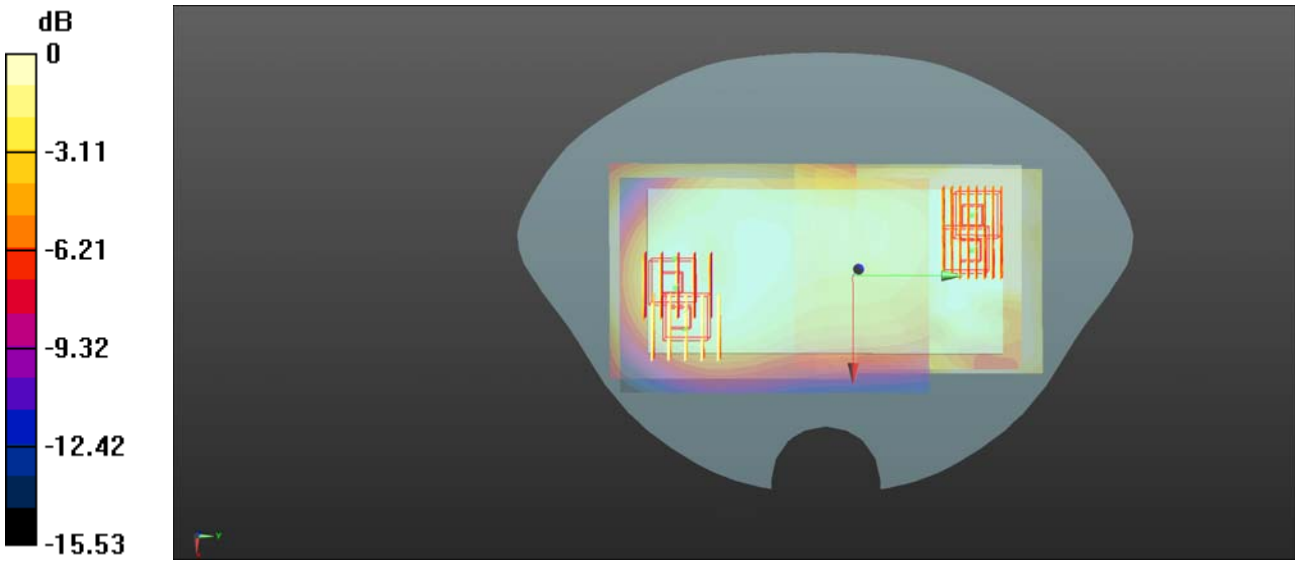
EN-DC_5A-N2+WLAN 5GHz MIMO



0 dB = 0.334 W/kg = -4.76 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

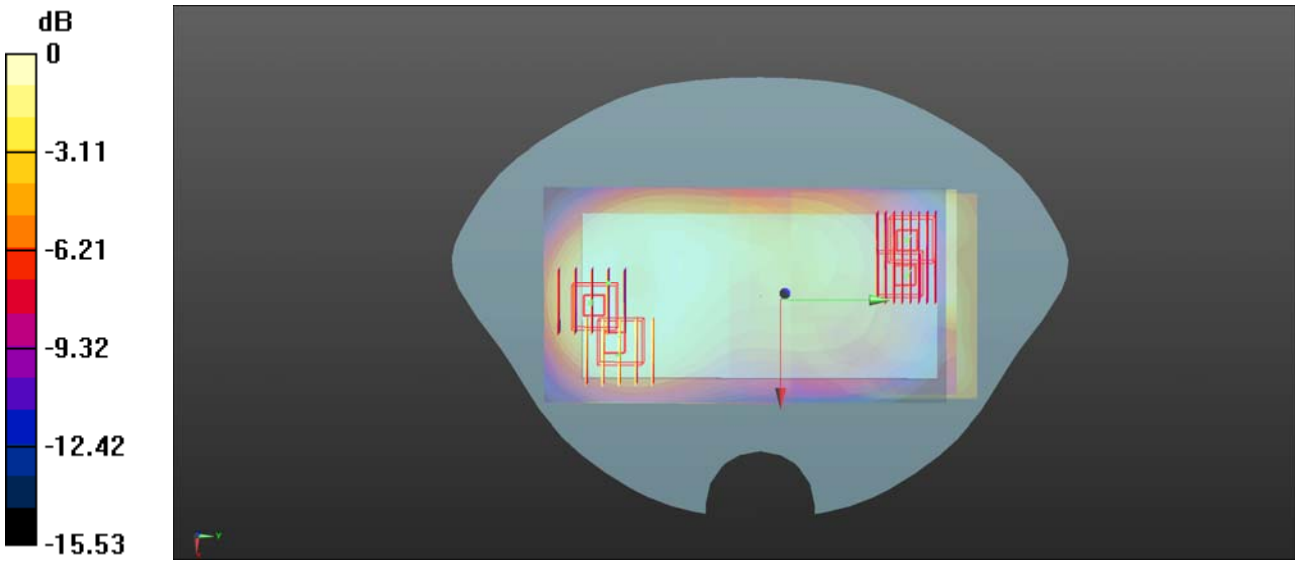
EN-DC_12A-N2+WLAN 5GHz MIMO



0 dB = 0.0966 W/kg = -10.15 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

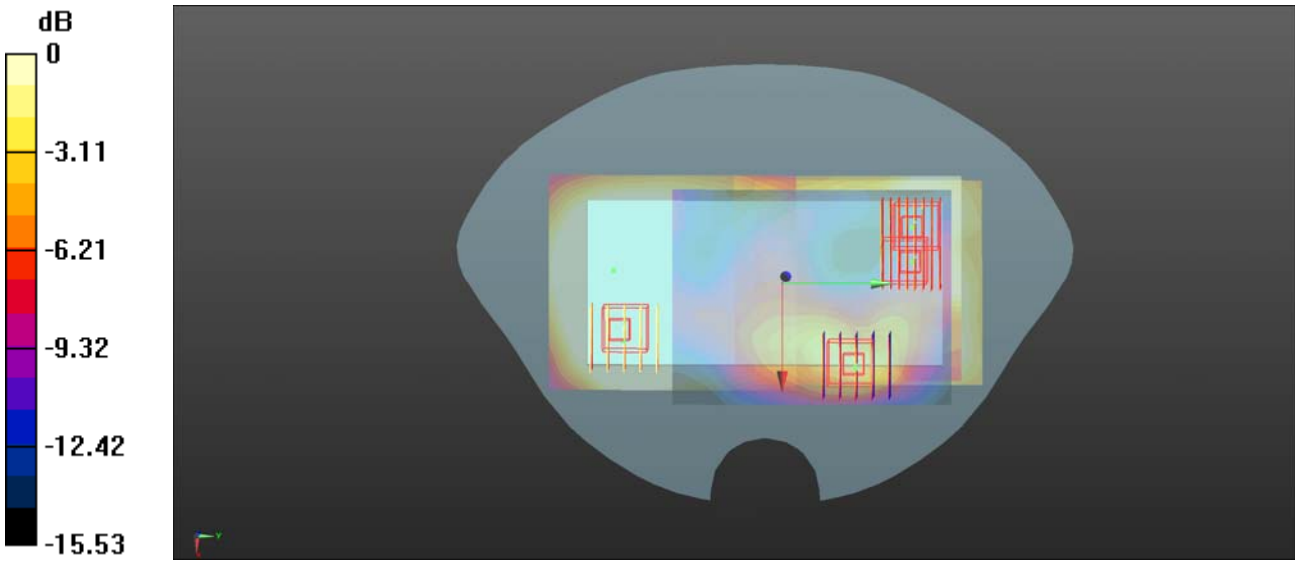
EN-DC_13A-N2+WLAN 5GHz MIMO



0 dB = 0.177 W/kg = -7.52 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

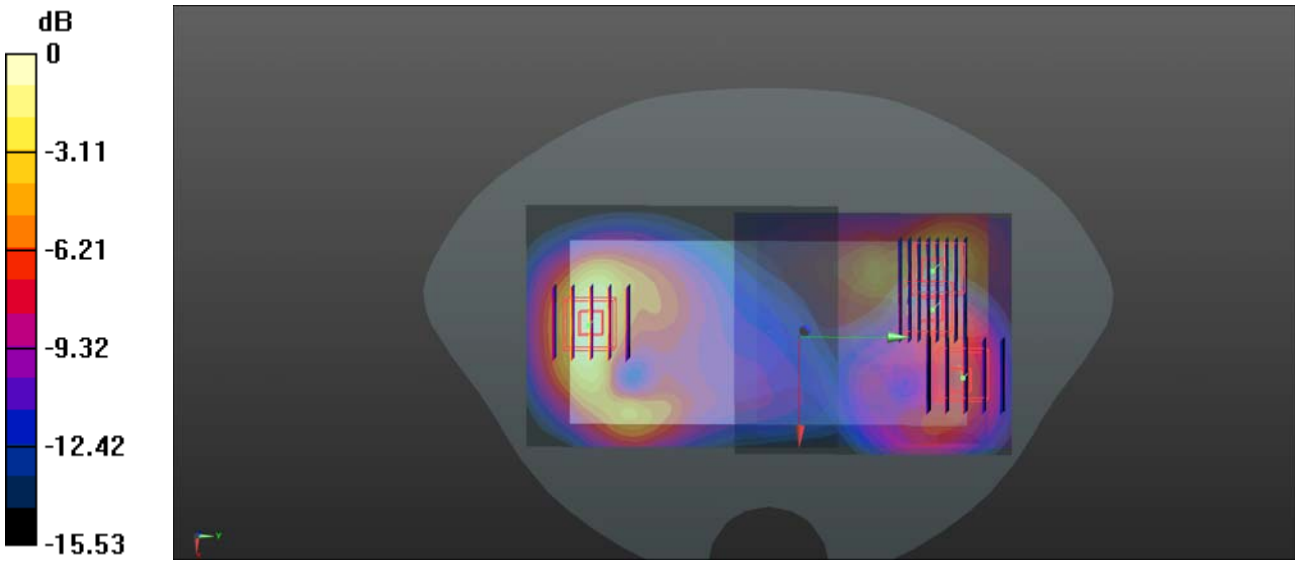
EN-DC_66A-N2+WLAN 5GHz MIMOLTE



0 dB = 0.128 W/kg = -8.93 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

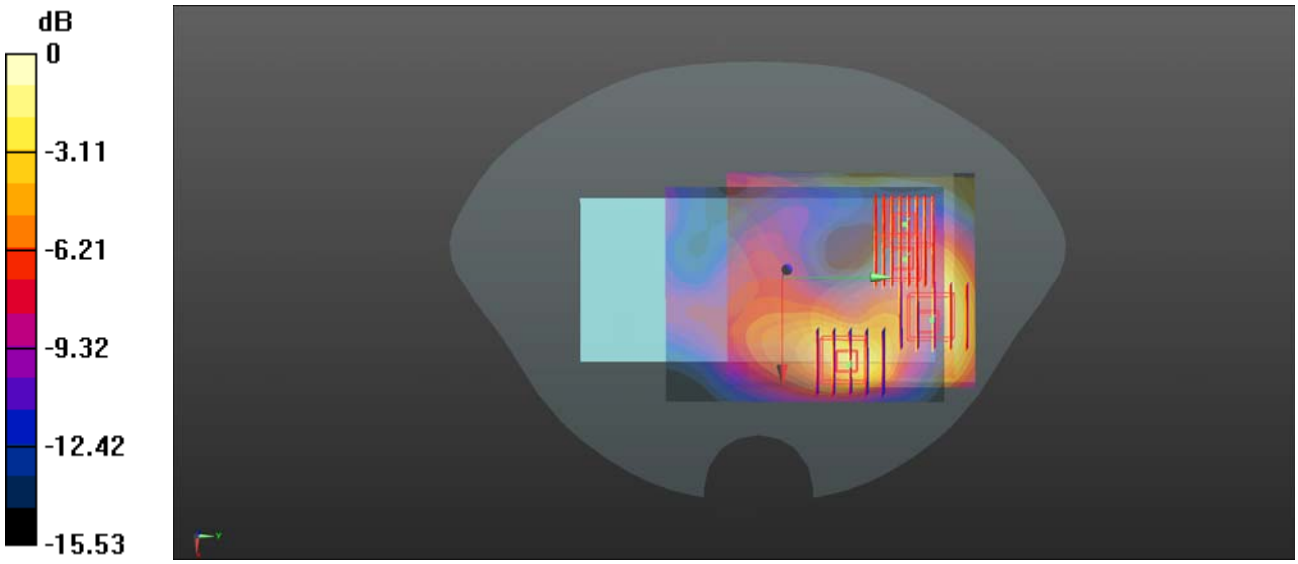
EN-DC_2A-N5+WLAN 5GHz MIMO



0 dB = 0.608 W/kg = -2.16 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

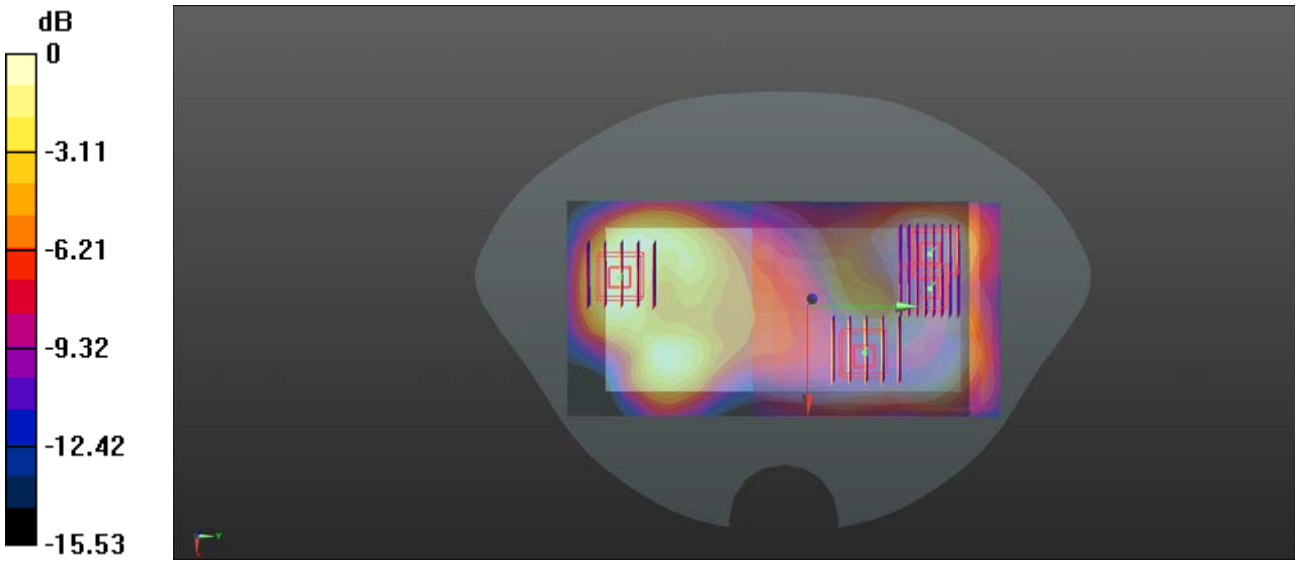
EN-DC_66A-N5+WLAN 5GHz MIMO



0 dB = 0.128 W/kg = -8.93 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

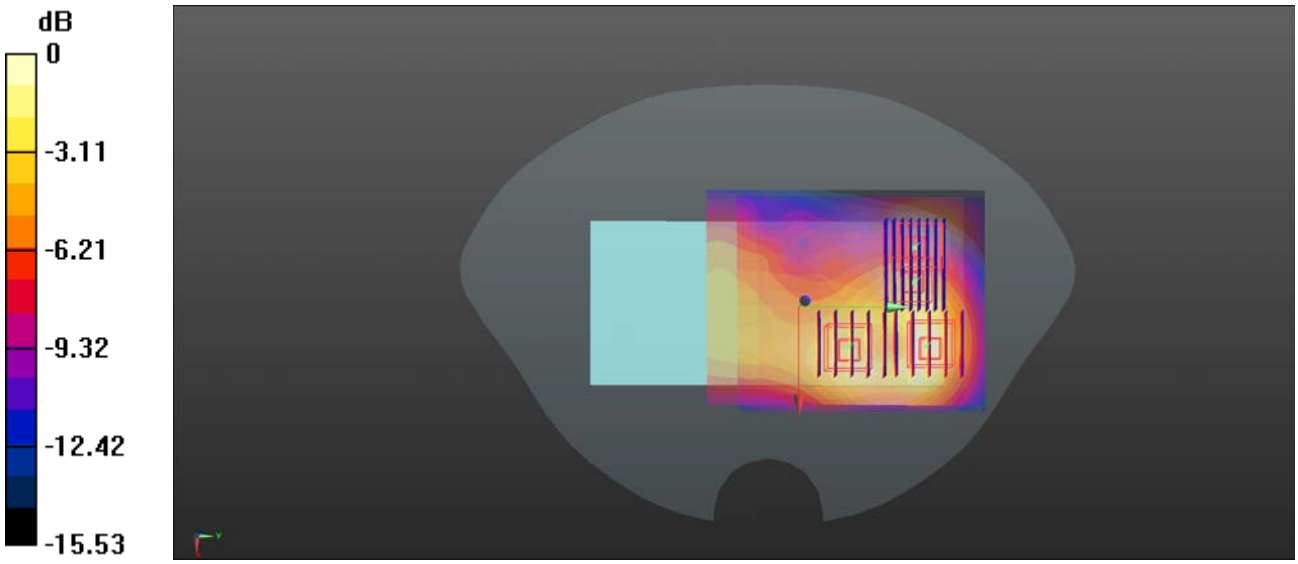
EN-DC_25A-N41+WLAN 5GHz MIMO



0 dB = 0.296 W/kg = -5.29 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

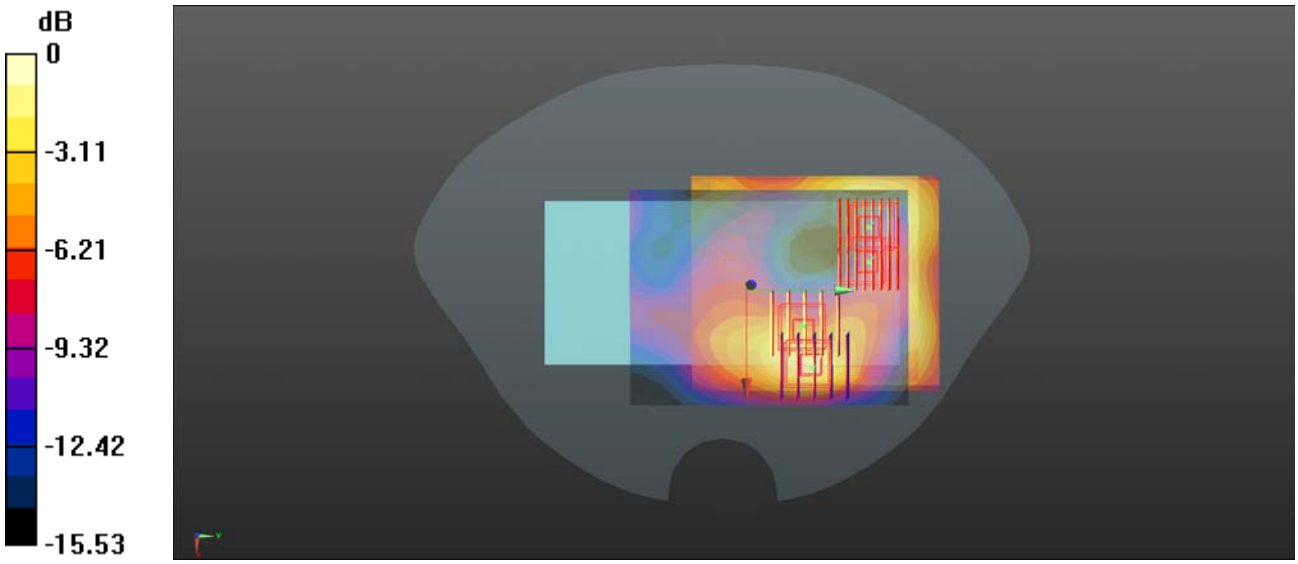
EN-DC_26A-N41+WLAN 5GHz MIMO



0 dB = 0.383 W/kg = -4.17 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

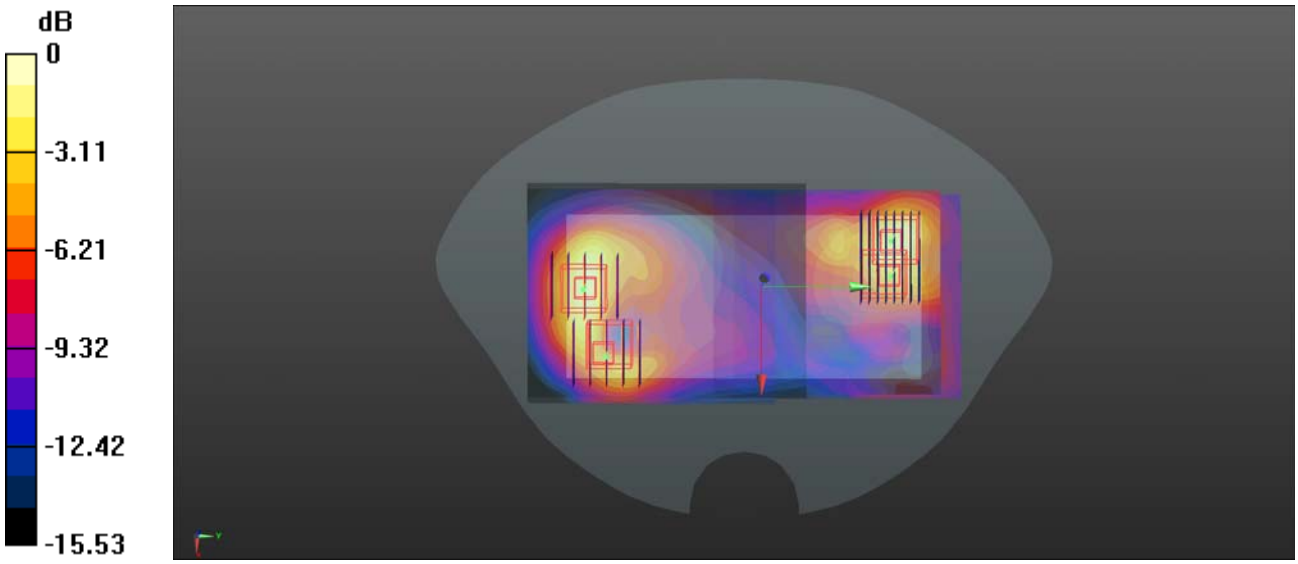
EN-DC_66A-N41+WLAN 5GHz MIMO



0 dB = 0.128 W/kg = -8.93 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

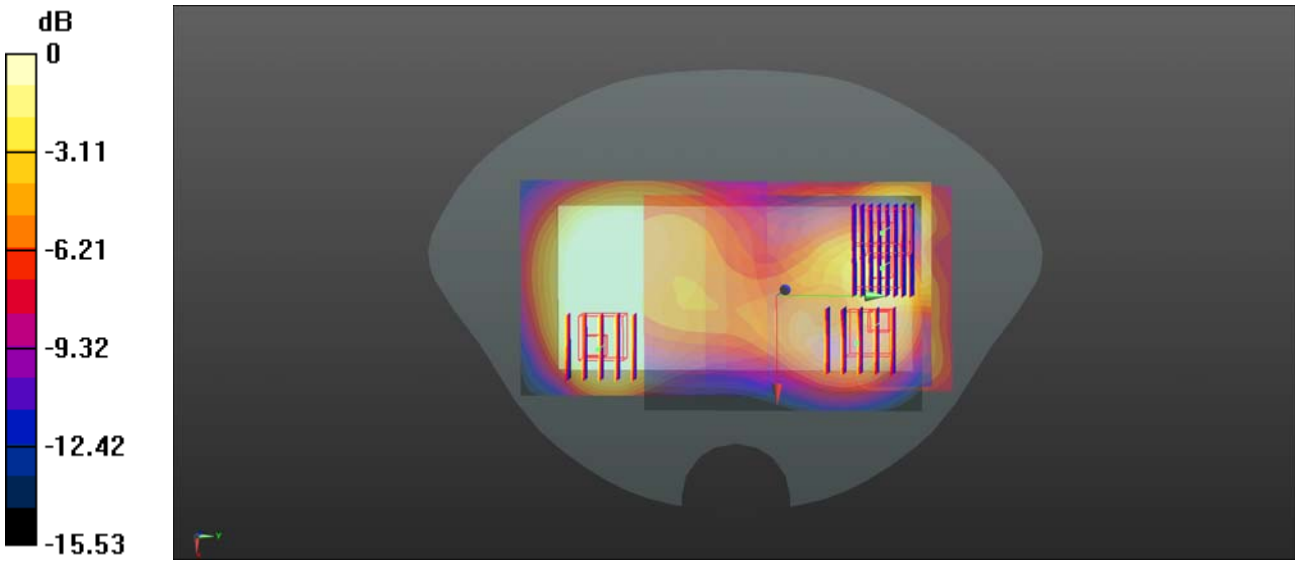
EN-DC_2A-N66+WLAN 5GHz MIMO



0 dB = 0.608 W/kg = -2.16 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

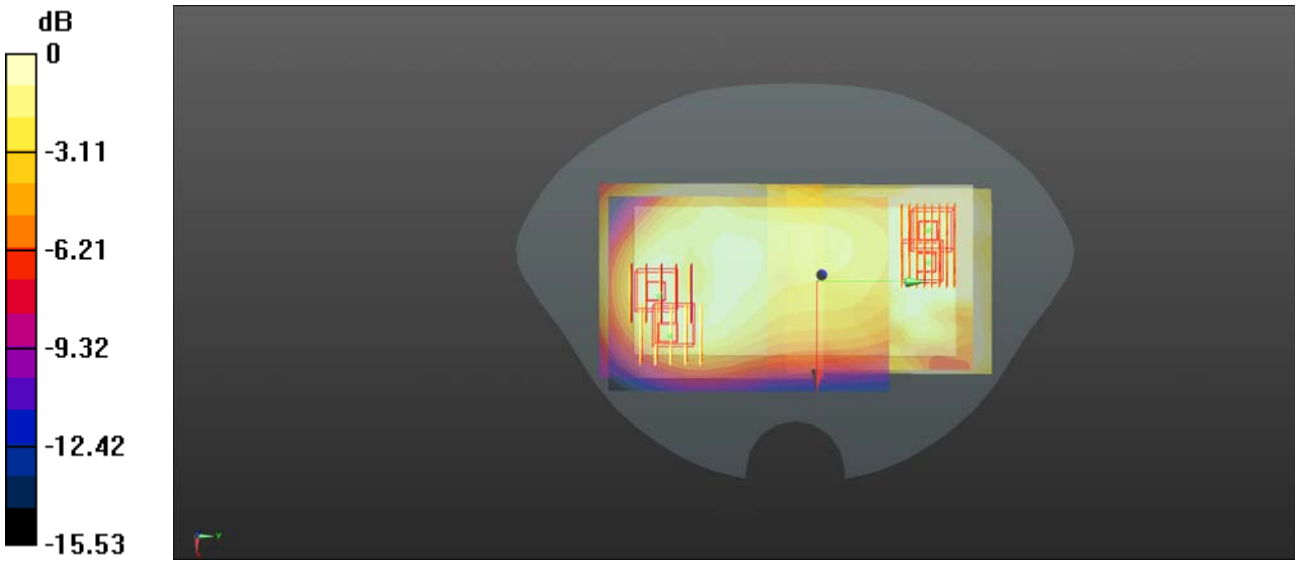
EN-DC_5A-N66+WLAN 5GHz MIMO



0 dB = 0.334 W/kg = -4.76 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

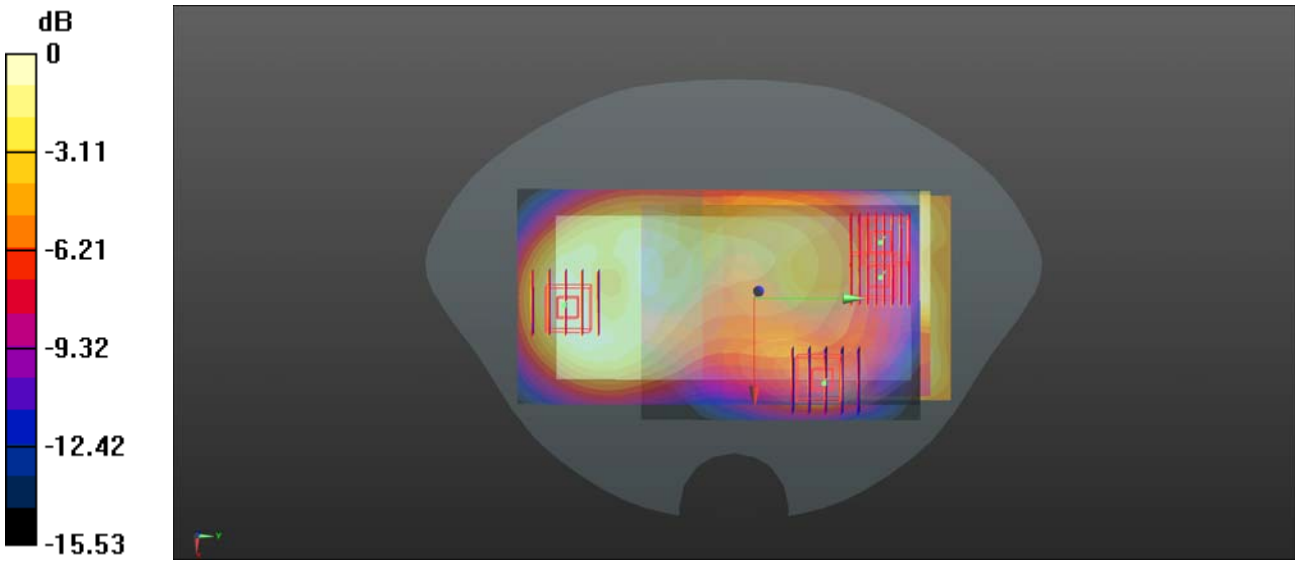
EN-DC_12A-N66+WLAN 5GHz MIMO



0 dB = 0.0966 W/kg = -10.15 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

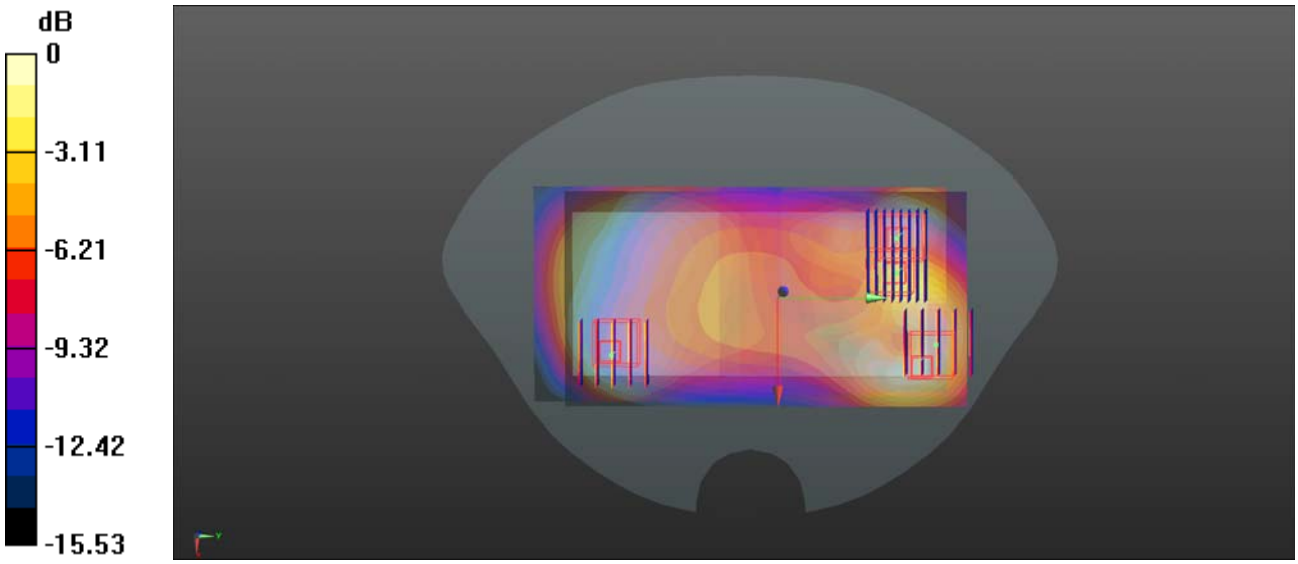
EN-DC_13A-N66+WLAN 5GHz MIMO



0 dB = 0.167 W/kg = -7.77 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

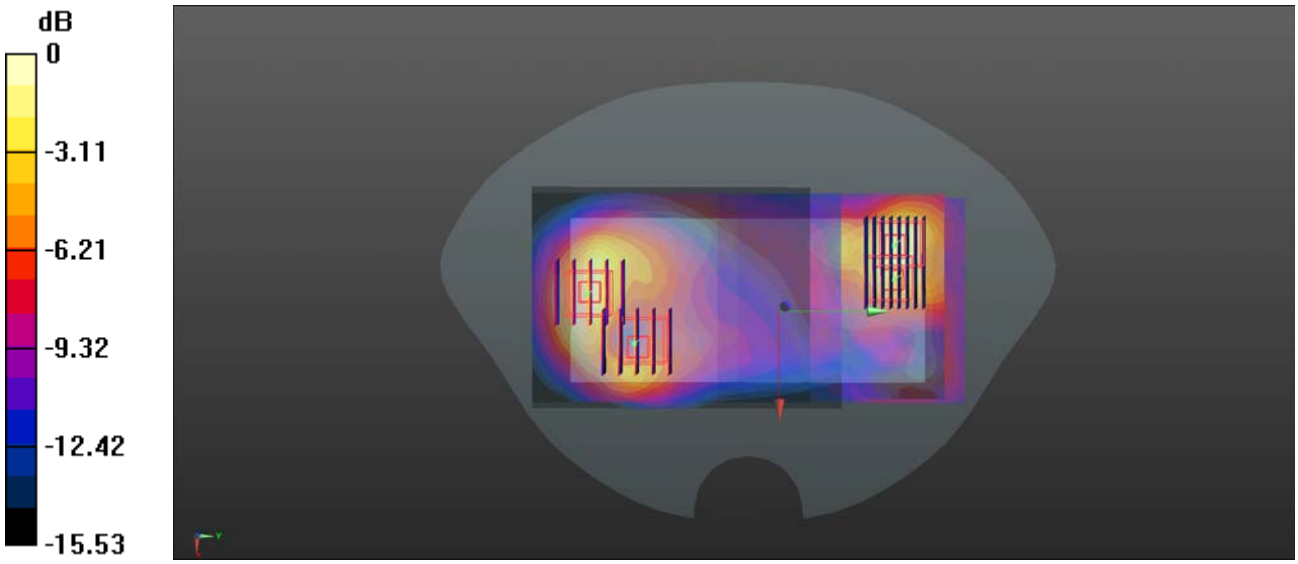
EN-DC_71A-N66+WLAN 5GHz MIMO



0 dB = 0.462 W/kg = -3.35 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

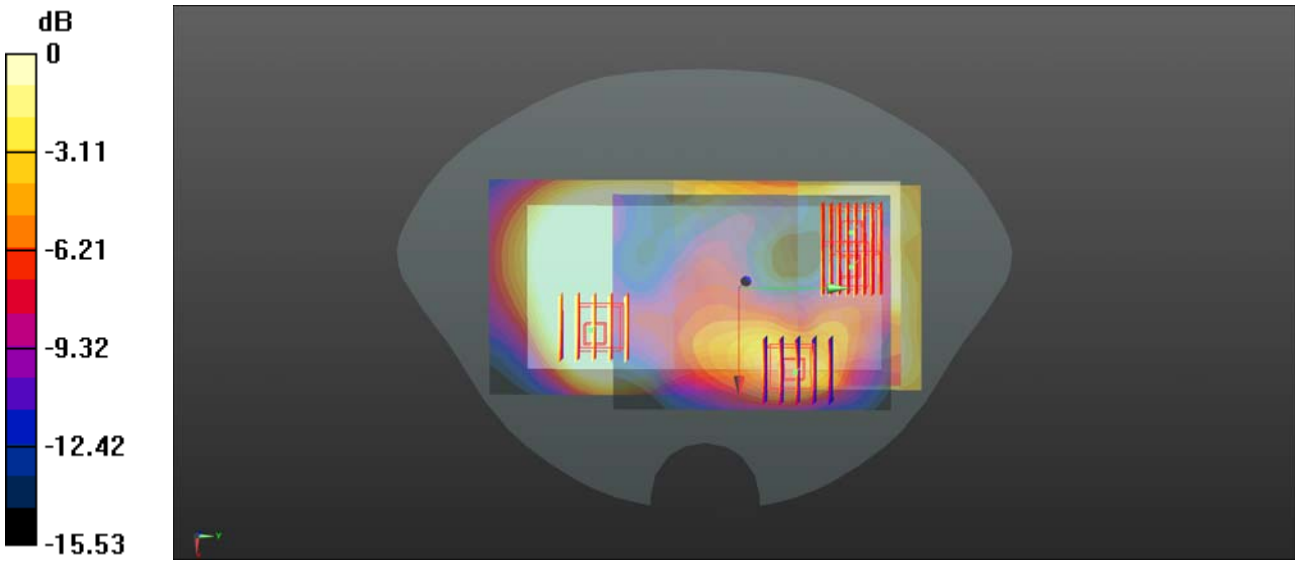
EN-DC_2A-N71+WLAN 5GHz MIMO



0 dB = 0.608 W/kg = -2.16 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

EN-DC_66A-N71+WLAN 5GHz MIMO



0 dB = 0.128 W/kg = -8.92 dBW/kg