Annex D Plots of Maximum SAR Test Results

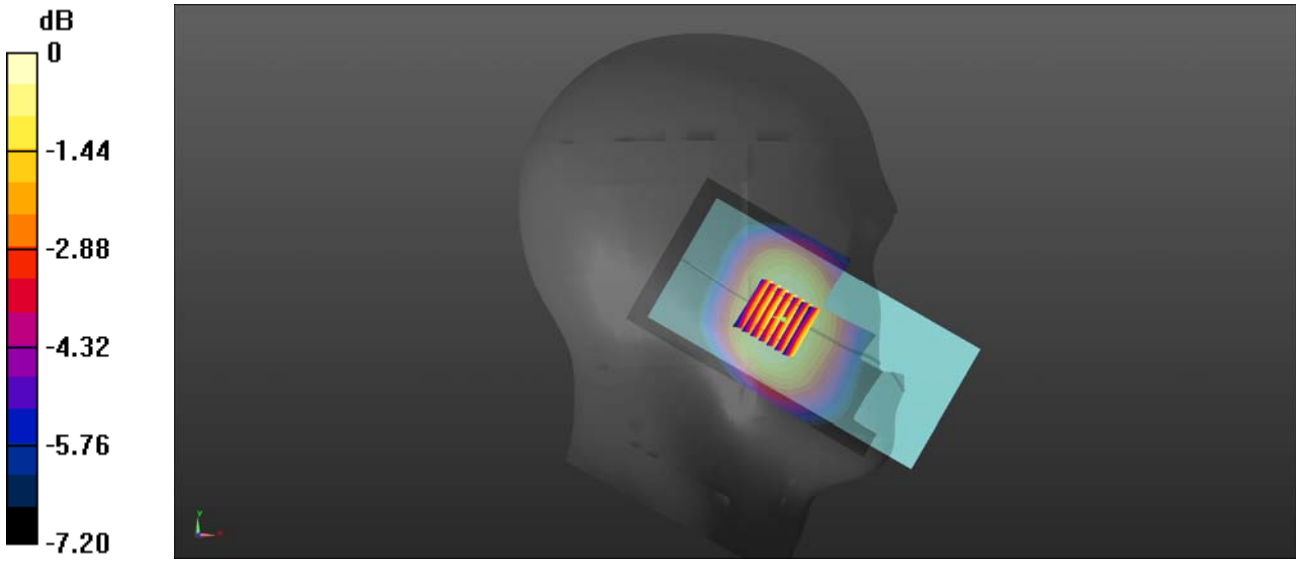
GSM850_GPRS(4Tx)_Left_cheek

Communication System: UID 0, GPRS/EGPRS-4ST (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.08
Medium: HSL_835 Medium parameters used: f = 837 MHz; σ = 0.92 S/m; ε_r = 40.417; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH190/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.222 W/kg

CH190/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.485 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.171 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.222 W/kg

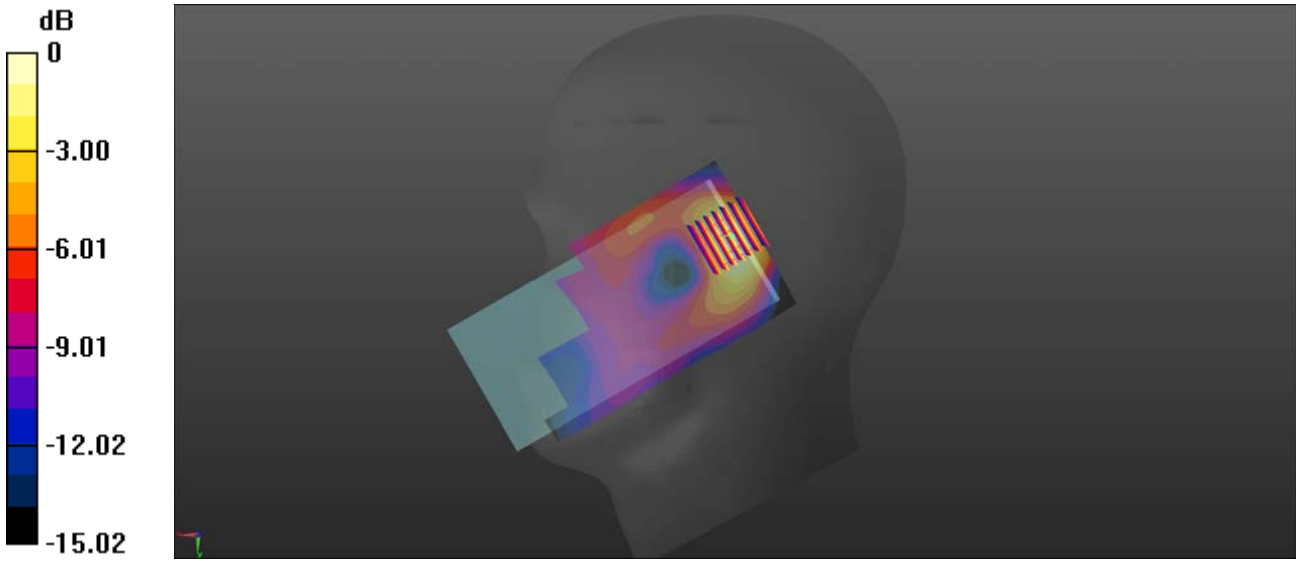
PCS1900_GPRS(4Tx)_Right_tilt_CH810

Communication System: UID 0, GPRS/EGPRS-4ST (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900 Medium parameters used: f = 1910 MHz; σ = 1.354 S/m; ε_r = 38.356; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.89, 7.89, 7.89); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH810/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.144 W/kg

CH810/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.04 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.211 W/kg
SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.075 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.142 W/kg



0 dB = 0.144 W/kg

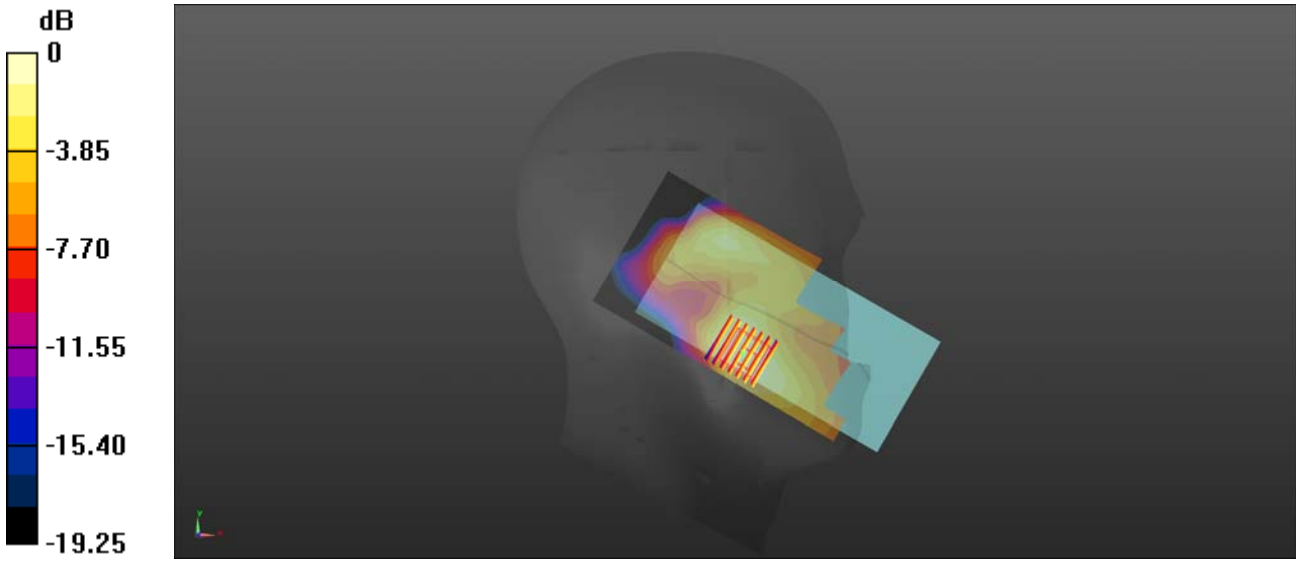
WCDMA Band II_Left_cheek_CH9538

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1908 MHz; σ = 1.352 S/m; ε_r = 38.35; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.89, 7.89, 7.89); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH9538/Area Scan (61x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.206 W/kg

CH9538/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.280 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.260 W/kg
SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.112 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.190 W/kg



0 dB = 0.206 W/kg

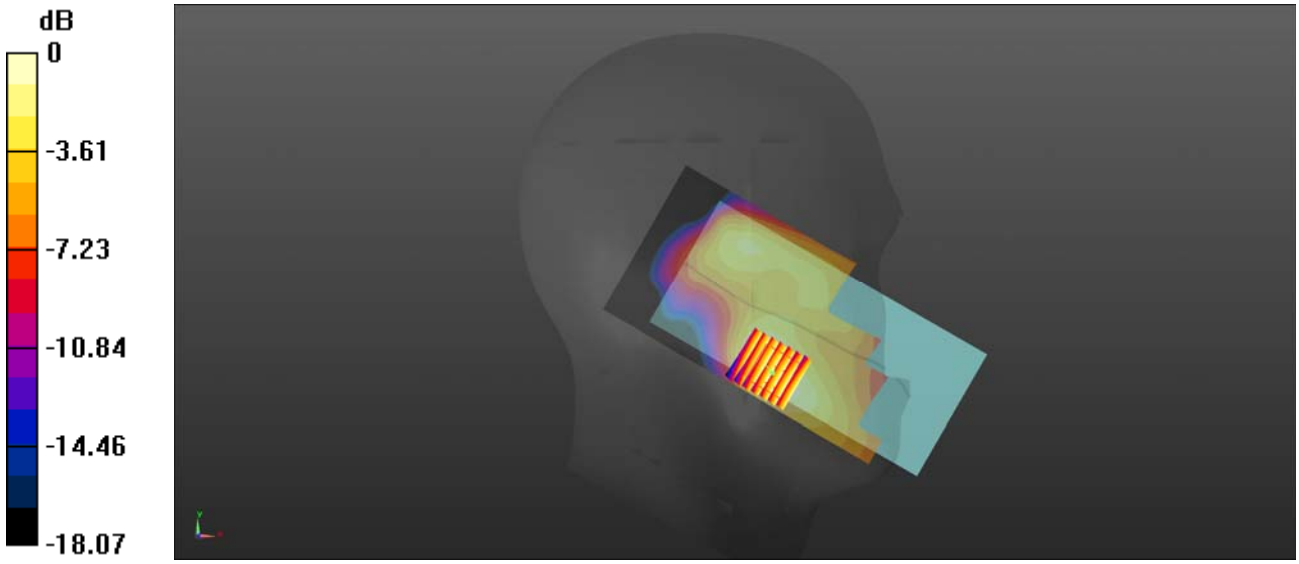
WCDMA Band IV_Left_cheek_CH1513

Communication System: UID 0, WCDMA 1700 (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1753 MHz; σ = 1.416 S/m; ε_r = 38.826; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(8.29, 8.29, 8.29); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH1513/Area Scan (61x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.188 W/kg

CH1513/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.796 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.244 W/kg
SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.108 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.179 W/kg



0 dB = 0.188 W/kg

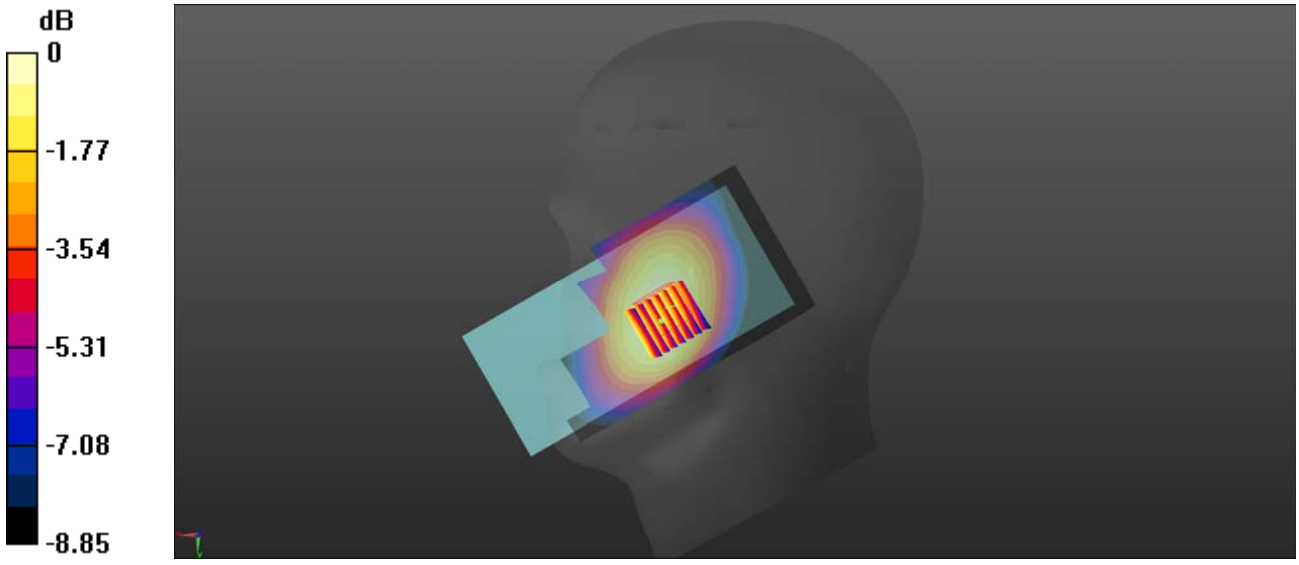
WCDMA Band V_Right_cheek_CH4182

Communication System: UID 0, WCDMA 850 (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 836.4 MHz; σ = 0.92 S/m; ε_r = 40.439; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH4182/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.189 W/kg

CH4182/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.766 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.216 W/kg
SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.140 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.187 W/kg



0 dB = 0.189 W/kg

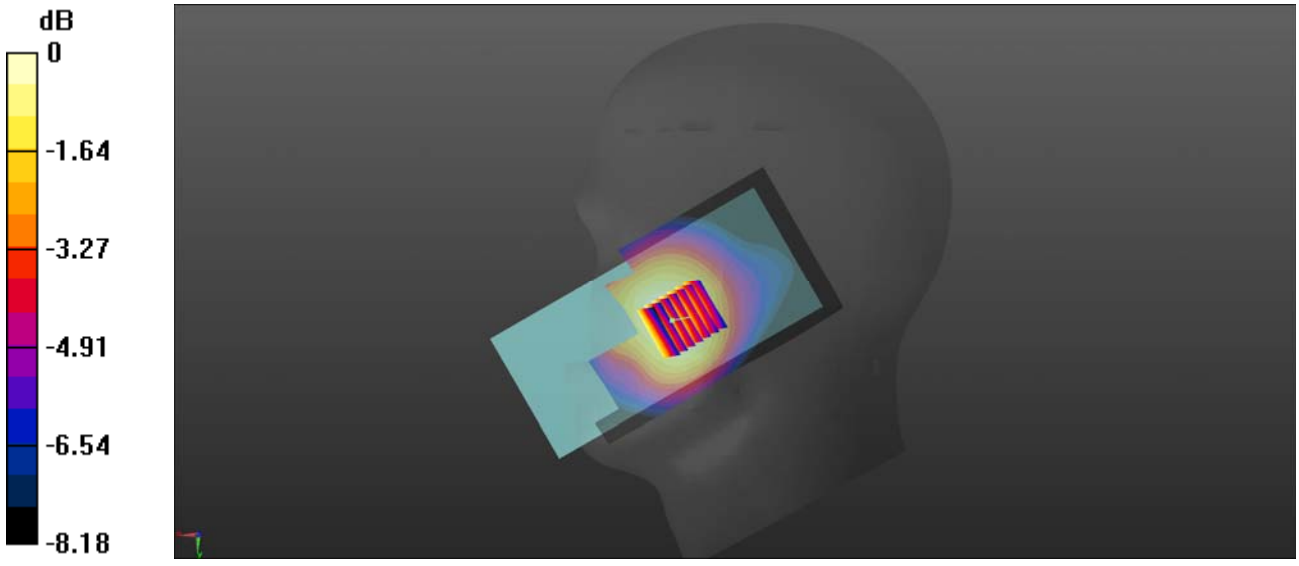
CDMA BC0_Right_cheek_CH384

Communication System: UID 0, CDMA2000 1x EVDO 1900 (0); Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 837 MHz; σ = 0.92 S/m; ε_r = 40.417; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH384/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.232 W/kg

CH384/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.257 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.259 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.175 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.231 W/kg



0 dB = 0.232 W/kg

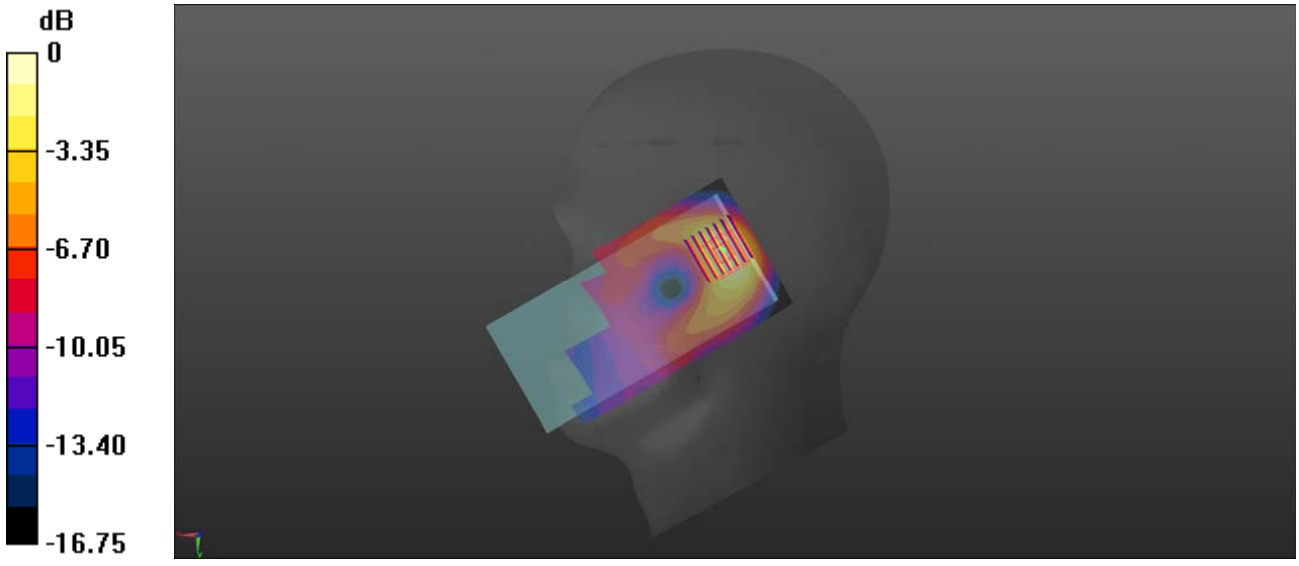
CDMA BC1_Right_tilt_CH1175

Communication System: UID 0, CDMA2000 1x EVDO 1900 (0); Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1909 MHz; σ = 1.358 S/m; ε_r = 38.349; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.89, 7.89, 7.89); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH1175/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.308 W/kg

CH1175/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.21 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.453 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.154 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.297 W/kg



0 dB = 0.308 W/kg

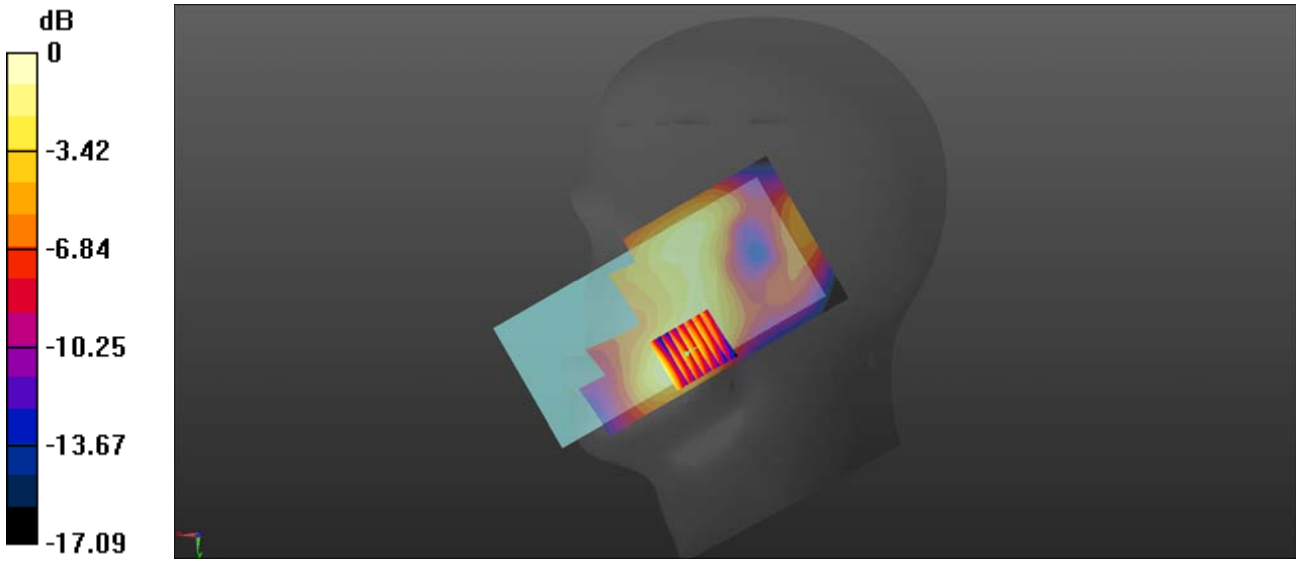
LTE Band 2 QPSK_1RB#99_Right_cheek_CH18700

Communication System: UID 0, LTE BAND 2 (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1860 MHz; σ = 1.325 S/m; ε_r = 38.445; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.89, 7.89, 7.89); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH18700/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.318 W/kg

CH18700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.425 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.351 W/kg
SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.157 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.300 W/kg



0 dB = 0.318 W/kg

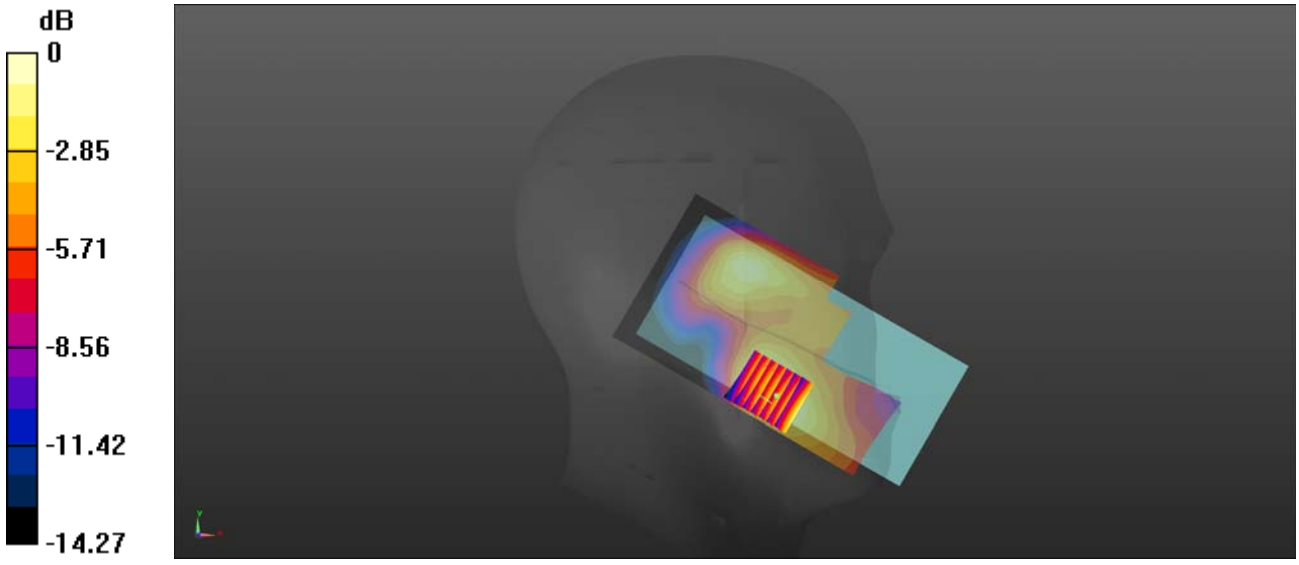
LTE Band 4 QPSK_1RB#0_Left_cheek_CH20050

Communication System: UID 0, LET BAND 4 (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1720 MHz; σ = 1.387 S/m; ε_r = 38.092; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(8.29, 8.29, 8.29); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH20050/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.212 W/kg

CH20050/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.680 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.110 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.209 W/kg



0 dB = 0.212 W/kg

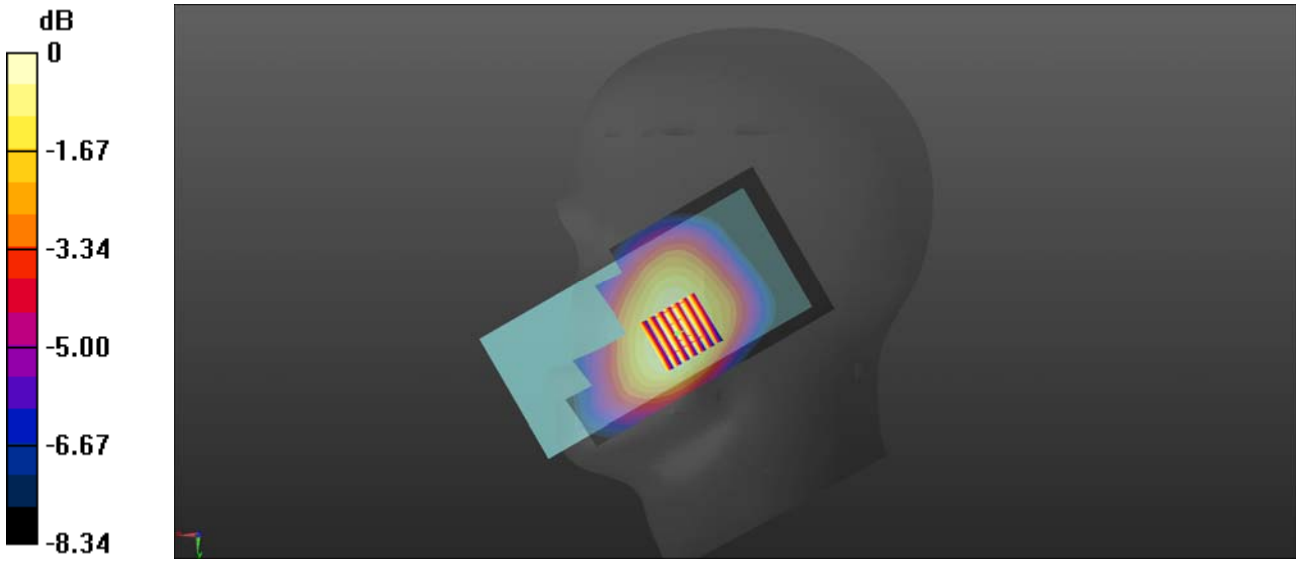
LTE Band 5 QPSK_1RB#49_Right_cheek_CH20450

Communication System: UID 0, LTE Band 5 (0); Frequency: 829 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 829 MHz; σ = 0.979 S/m; ε_r = 40.119; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH20450/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.263 W/kg

CH20450/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.275 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.288 W/kg
SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.171 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.263 W/kg



0 dB = 0.263 W/kg

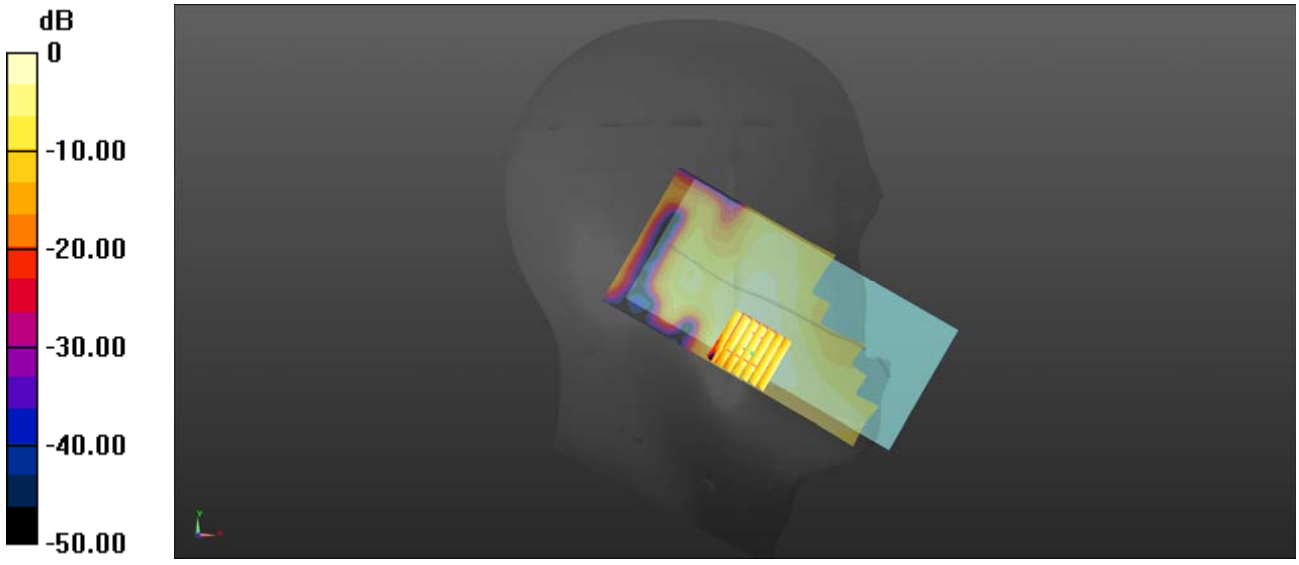
LTE Band 7 QPSK_1RB#0_Left_cheek_CH21350

Communication System: UID 0, LTE BAND 7 (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL2600 Medium parameters used: f = 2560 MHz; σ = 1.95 S/m; ε_r = 37.068; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.11, 7.11, 7.11); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH21350/Area Scan (71x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0835 W/kg

CH21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.578 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.0990 W/kg
SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.034 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0793 W/kg



0 dB = 0.0835 W/kg

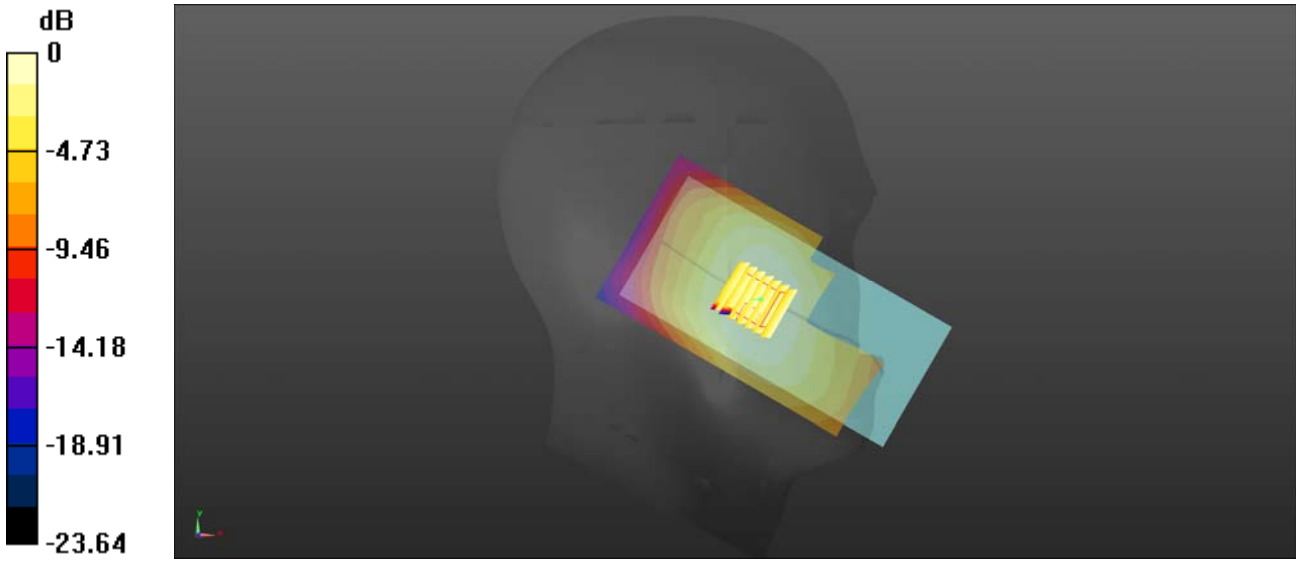
LTE Band 12 QPSK_1RB#49_Left_cheek_CH23130

Communication System: UID 0, LTE Band 12 (0); Frequency: 711 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 711 MHz; σ = 0.956 S/m; ε_r = 38.279; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(10.03, 10.03, 10.03); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH23130/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.218 W/kg

CH23130/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.083 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.289 W/kg
SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.150 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.219 W/kg



0 dB = 0.218 W/kg

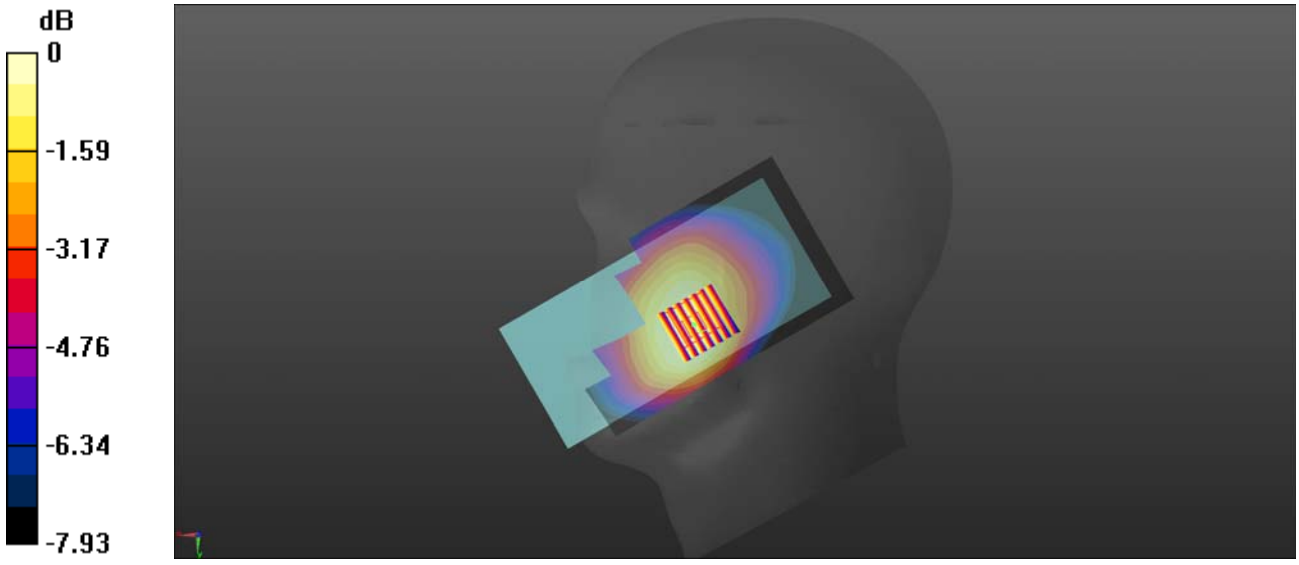
LTE Band 13 QPSK_1RB#24_Right_cheek_CH23230

Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.938 S/m; ε_r = 38.016; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(10.03, 10.03, 10.03); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH23230/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.213 W/kg

CH23230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.407 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.231 W/kg
SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.144 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.213 W/kg



0 dB = 0.213 W/kg

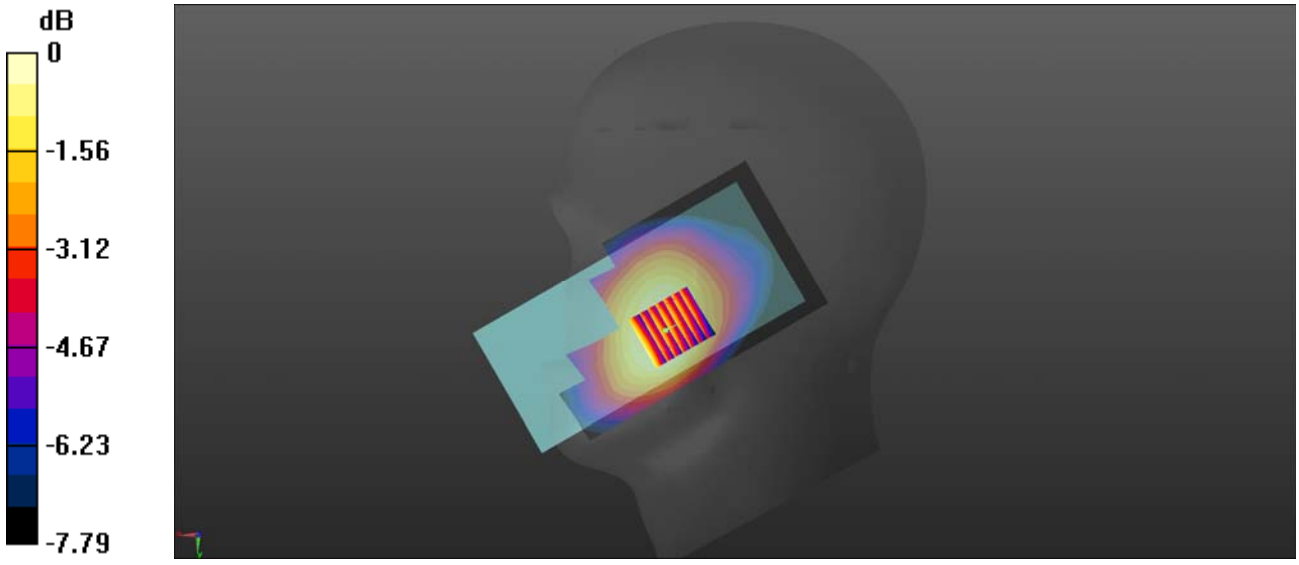
LTE Band 17 QPSK_1RB#24_Right_cheek_CH23790

Communication System: UID 0, LTE Band 17 (0); Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 710 MHz; σ = 0.919 S/m; ε_r = 38.203; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(10.03, 10.03, 10.03); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH23790/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.182 W/kg

CH23790/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.215 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.197 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.124 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.181 W/kg



0 dB = 0.182 W/kg

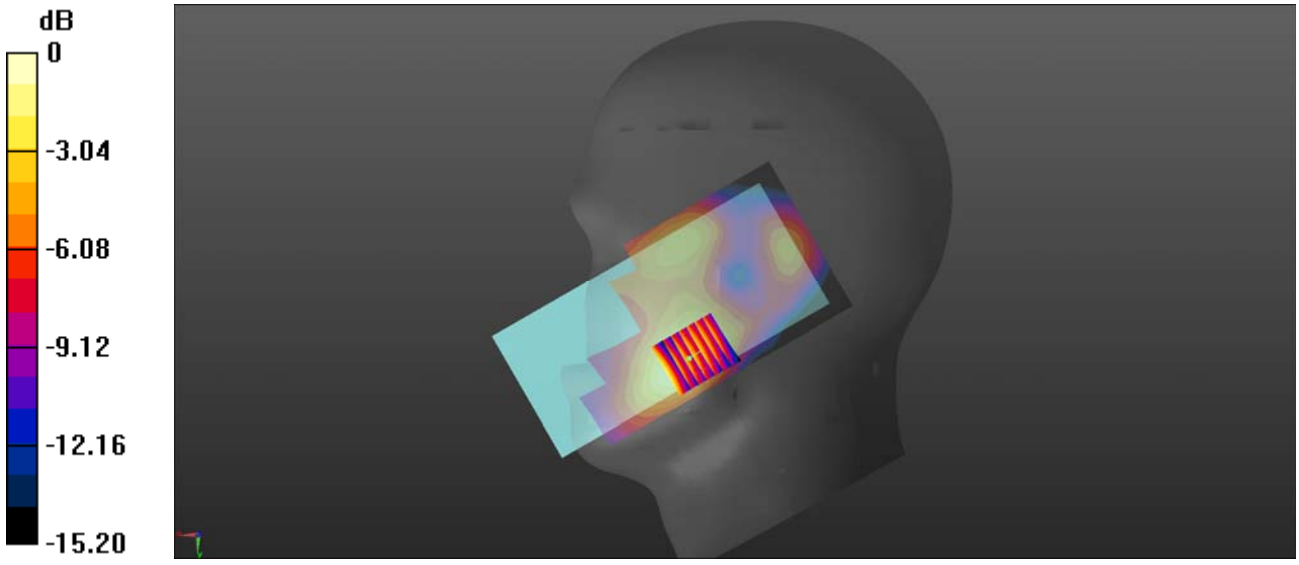
LTE Band 25 QPSK_1RB#0_Right_cheek_CH26140

Communication System: UID 0, LTE Band 25 (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1860 MHz; σ = 1.474 S/m; ε_r = 38.012; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.89, 7.89, 7.89); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH26140/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.270 W/kg

CH26140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.050 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.126 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.254 W/kg



0 dB = 0.270 W/kg

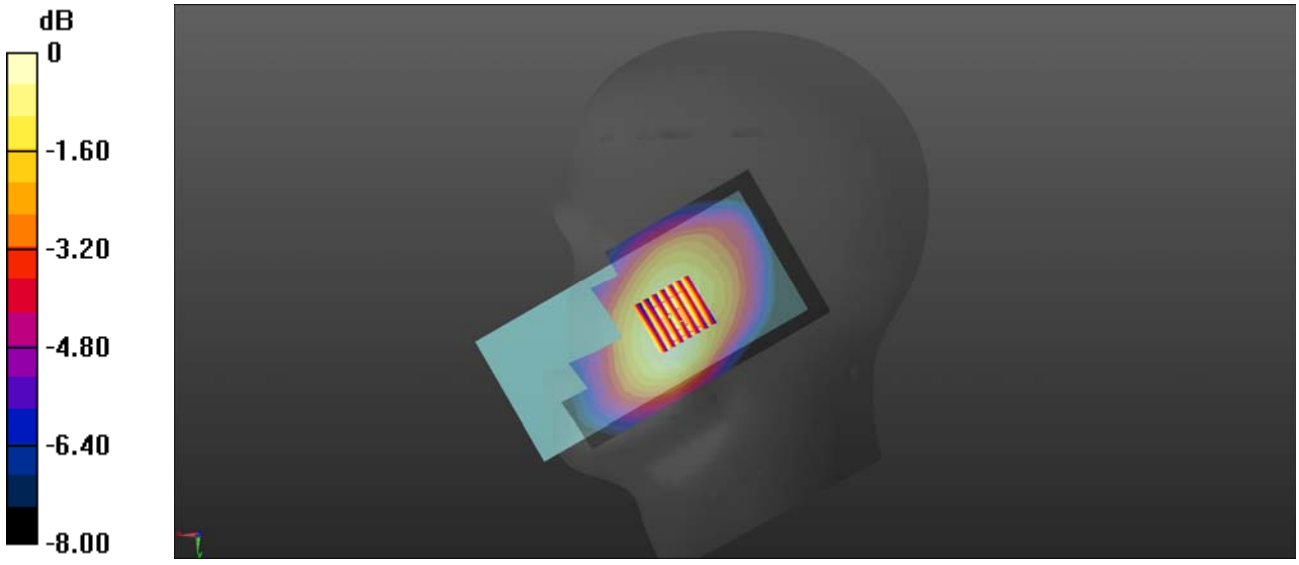
LTE Band 26 QPSK_1RB#0_Right_cheek_CH26765

Communication System: UID 0, LTE Band 26 (0); Frequency: 821.5 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 821.5 MHz; σ = 0.976 S/m; ε_r = 40.174; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH26765/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.253 W/kg

CH26765/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.867 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.166 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.254 W/kg



0 dB = 0.253 W/kg

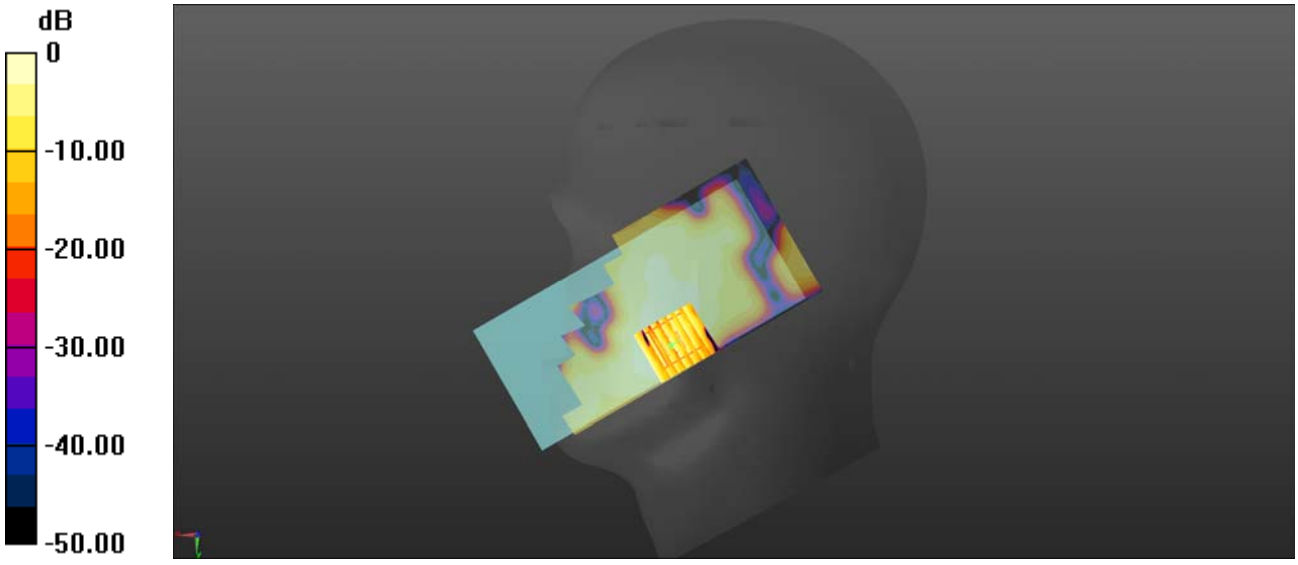
LTE Band 41 QPSK_1RB#49_Right_cheek_CH41490

Communication System: UID 0, TDD-LTE Band41 -FCC (0); Frequency: 2680 MHz;Duty Cycle: 1:1
Medium: HBBL 600-6G Medium parameters used: f = 2680 MHz; σ = 2.042 S/m; ε_r = 36.959; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.11, 7.11, 7.11); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH41490/Area Scan (71x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0472 W/kg

CH41490/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.012 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0590 W/kg
SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.017 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.0447 W/kg



0 dB = 0.0472 W/kg

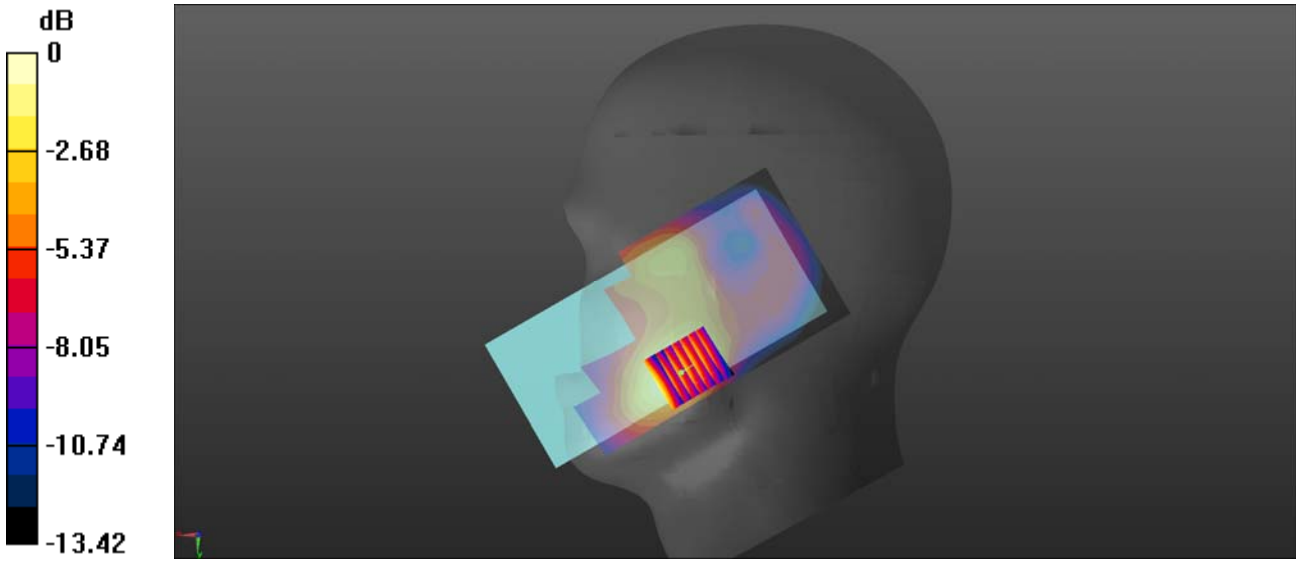
LTE Band 66 QPSK_1RB#49_Right_cheek_CH132072

Communication System: UID 0, LTE Band 66 (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1720 MHz; σ = 1.387 S/m; ε_r = 38.092; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(8.29, 8.29, 8.29); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH132072/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.267 W/kg

CH132072/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.709 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.135 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.257 W/kg



0 dB = 0.267 W/kg

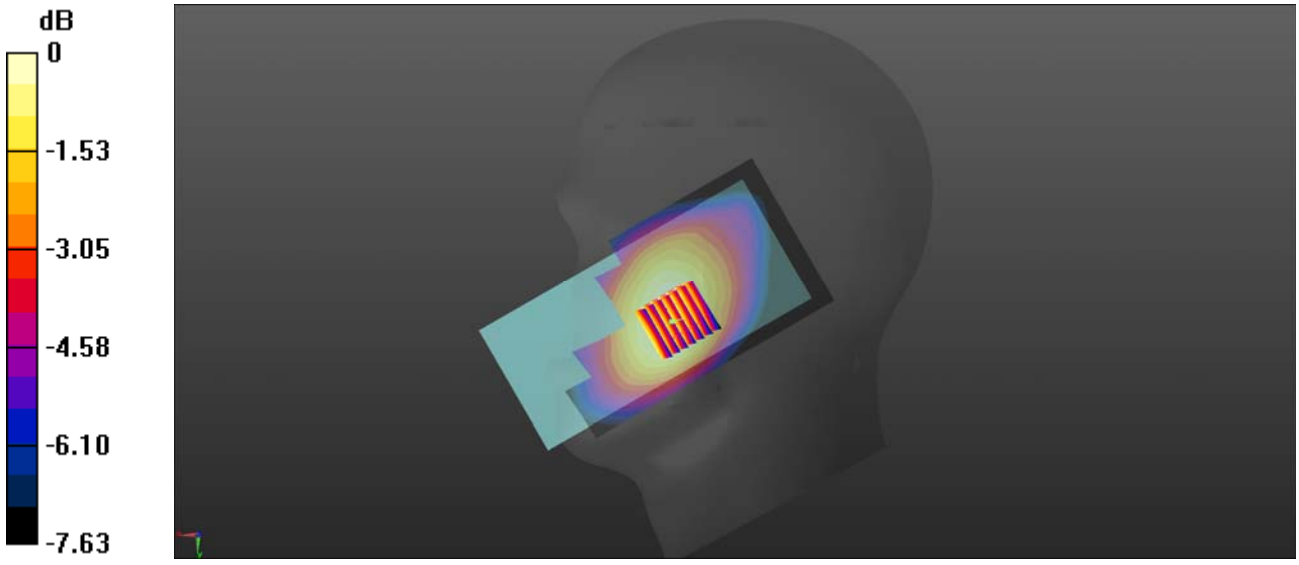
LTE Band 71 QPSK_1RB#49_Right_cheek_CH133222

Communication System: UID 0, LTE Band 71 (0); Frequency: 673 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 673 MHz; σ = 0.946 S/m; ε_r = 38.403; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(10.03, 10.03, 10.03); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH133222/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.151 W/kg

CH133222/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.763 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.159 W/kg
SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.099 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.148 W/kg



0 dB = 0.151 W/kg

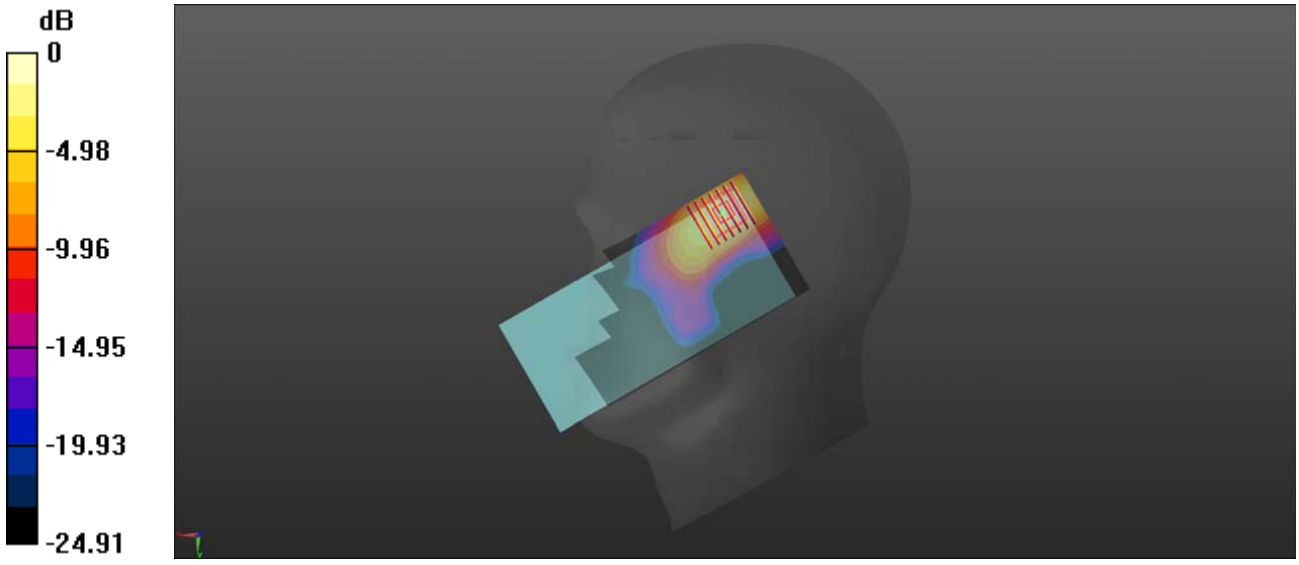
WLAN2.4G_Right_cheek_CH11

Communication System: UID 0, WiFi (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: f = 2462 MHz; σ = 1.816 S/m; ε_r = 38.797; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH11/Area Scan (71x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.758 W/kg

CH11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.530 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.646 W/kg; SAR(10 g) = 0.309 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.747 W/kg



0 dB = 0.758 W/kg

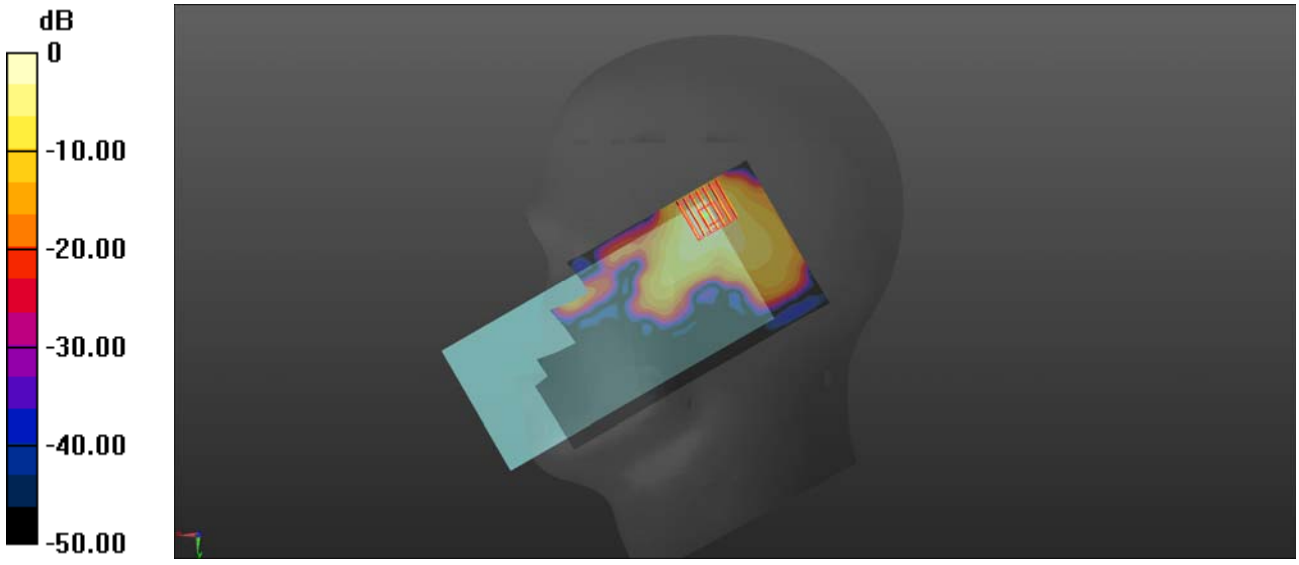
WLAN5GHz_Right_cheek_CH36

Communication System: UID 0, 5G WIFI (0); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: HSL_5250 Medium parameters used: f = 5180 MHz; σ = 4.581 S/m; ε_r = 35.075; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(4.98, 4.98, 4.98); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH36/Area Scan (91x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.00 W/kg

CH36/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.048 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.131 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.956 W/kg



0 dB = 1.00 W/kg

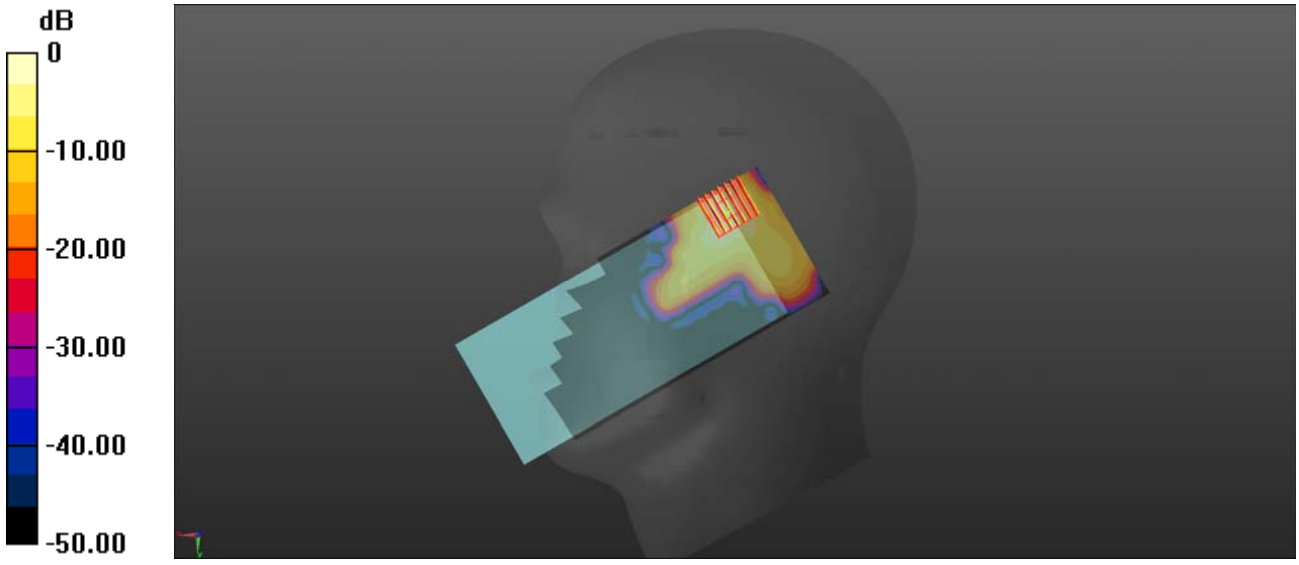
WLAN5GHz_Right_cheek_CH60

Communication System: UID 0, 5G WIFI (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: HSL_5600 Medium parameters used: f = 5300 MHz; σ = 4.765 S/m; ε_r = 34.41; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(4.98, 4.98, 4.98); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH60/Area Scan (81x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.946 W/kg

CH60/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.012 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 2.22 W/kg
SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.126 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.987 W/kg



0 dB = 0.946 W/kg

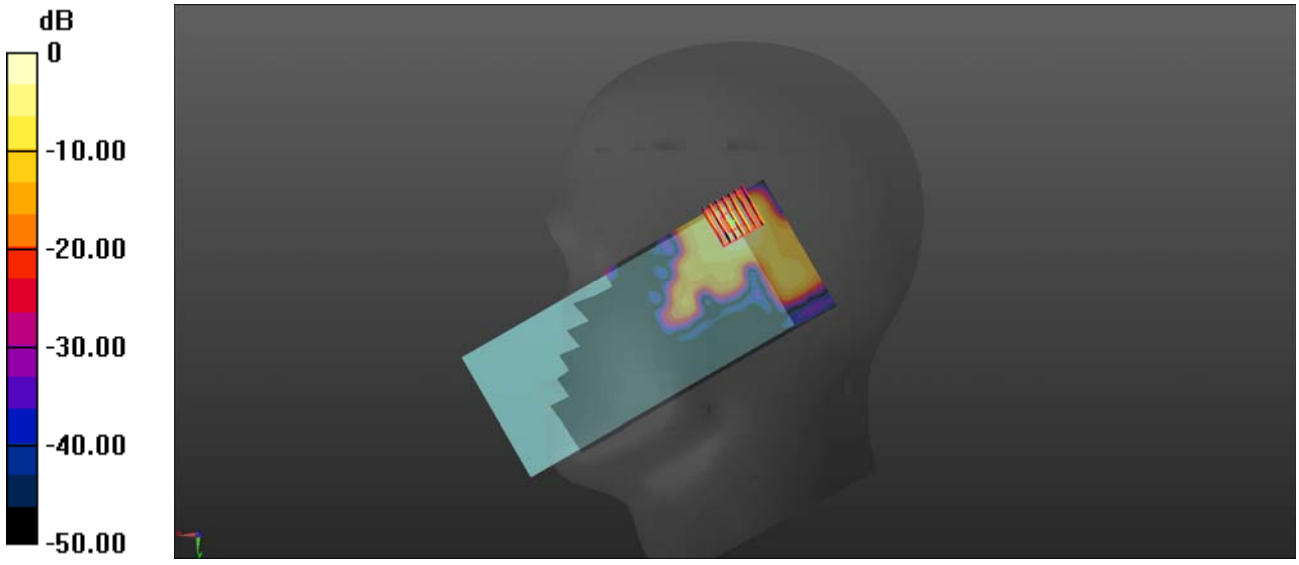
WLAN5GHz_Right_cheek_CH149

Communication System: UID 0, 5G WIFI (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: HSL_5750 Medium parameters used: f = 5745 MHz; σ = 5.036 S/m; ε_r = 35.458; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(4.59, 4.59, 4.59); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH149/Area Scan (81x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.490 W/kg

CH149/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.714 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.974 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.052 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.487 W/kg



0 dB = 0.490 W/kg

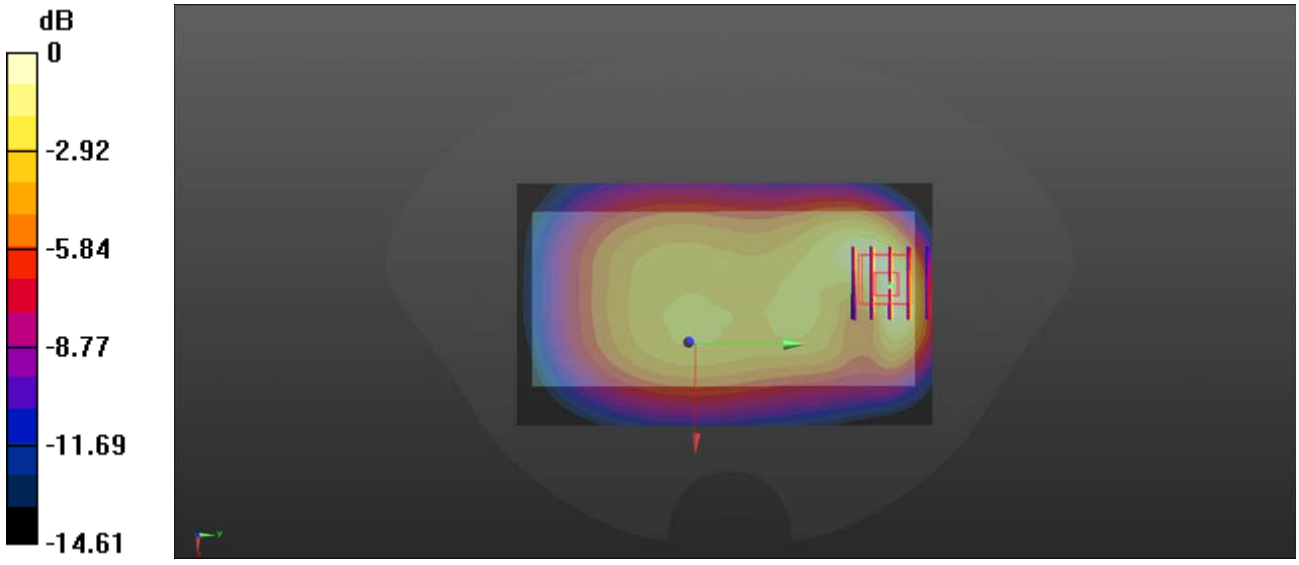
GSM850_GPRS(4 TX slots)_body_back_10mm

Communication System: UID 0, GPRS/EGPRS-4ST (0); Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: MSL_835 Medium parameters used: f = 836.4 MHz; σ = 0.98 S/m; ε_r = 55.491; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.69, 9.69, 9.69); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH190/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.458 W/kg

CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.38 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.630 W/kg
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.202 W/kg
Maximum value of SAR (measured) = 0.471 W/kg



0 dB = 0.458 W/kg

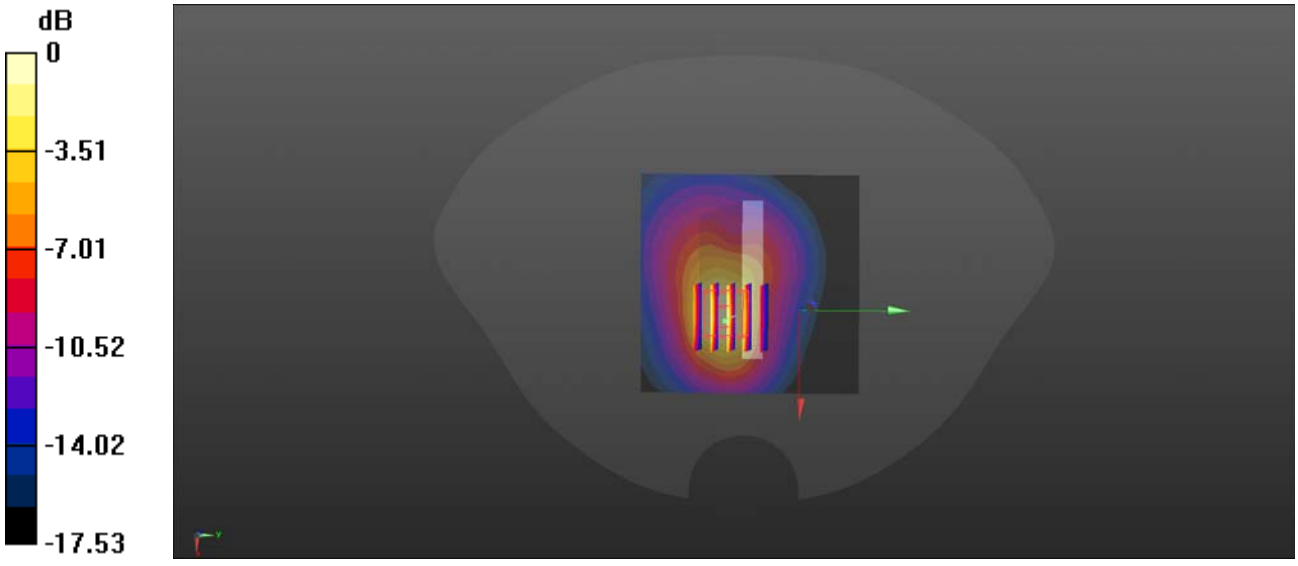
PCS1900_GPRS_body_bottom_10mm

Communication System: UID 0, GPRS/EGPRS-4ST (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.09991
Medium: MSL_1900 Medium parameters used: f = 1909.8 MHz; σ = 1.54 S/m; ε_r = 53.6; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.56, 7.56, 7.56); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

body/CH810/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.689 W/kg

body/CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.43 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.983 W/kg
SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.290 W/kg
Maximum value of SAR (measured) = 0.761 W/kg



0 dB = 0.689 W/kg = -1.62 dBW/kg

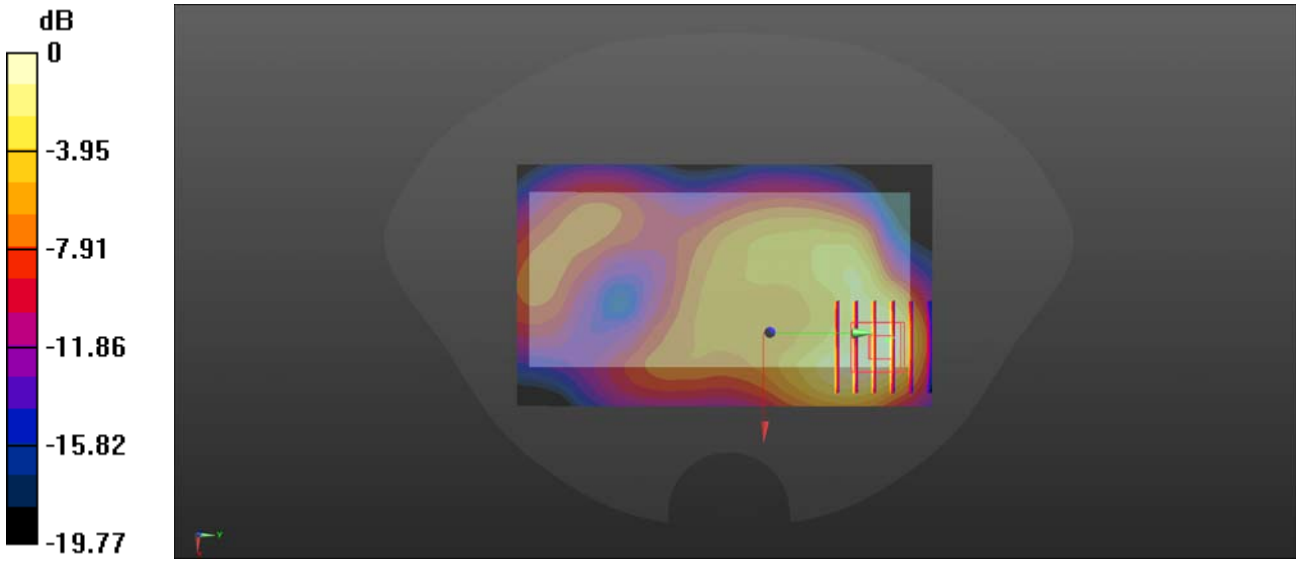
WCDMA Band II_body_face_CH9538_10mm

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1907.6 MHz; σ = 1.54 S/m; ε_r = 53.6; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.56, 7.56, 7.56); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH9538/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.963 W/kg

CH9538/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.47 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.417 W/kg
Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 0.963 W/kg

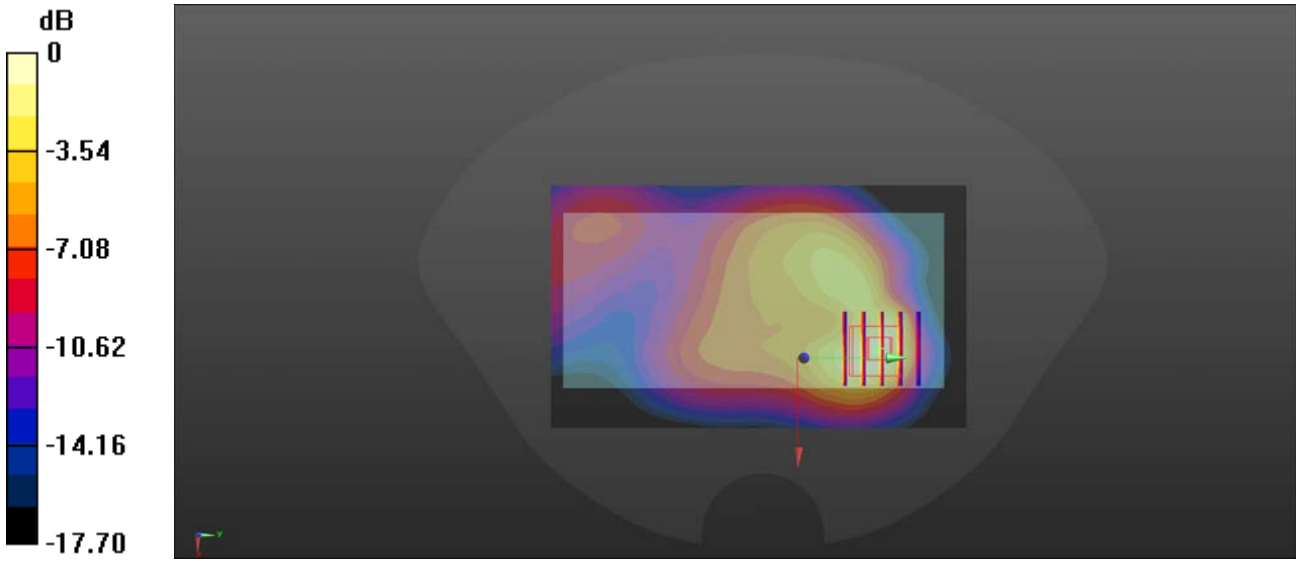
WCDMA Band IV_body_face_CH1513_10mm

Communication System: UID 0, WCDMA 1700 (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750 Medium parameters used:f = 1752.6 MHz; σ = 1.454 S/m; ε_r = 53.895; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.93, 7.93, 7.93); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH1513/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.890 W/kg

CH1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.08 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.365 W/kg
Maximum value of SAR (measured) = 0.971 W/kg



0 dB = 0.890 W/kg

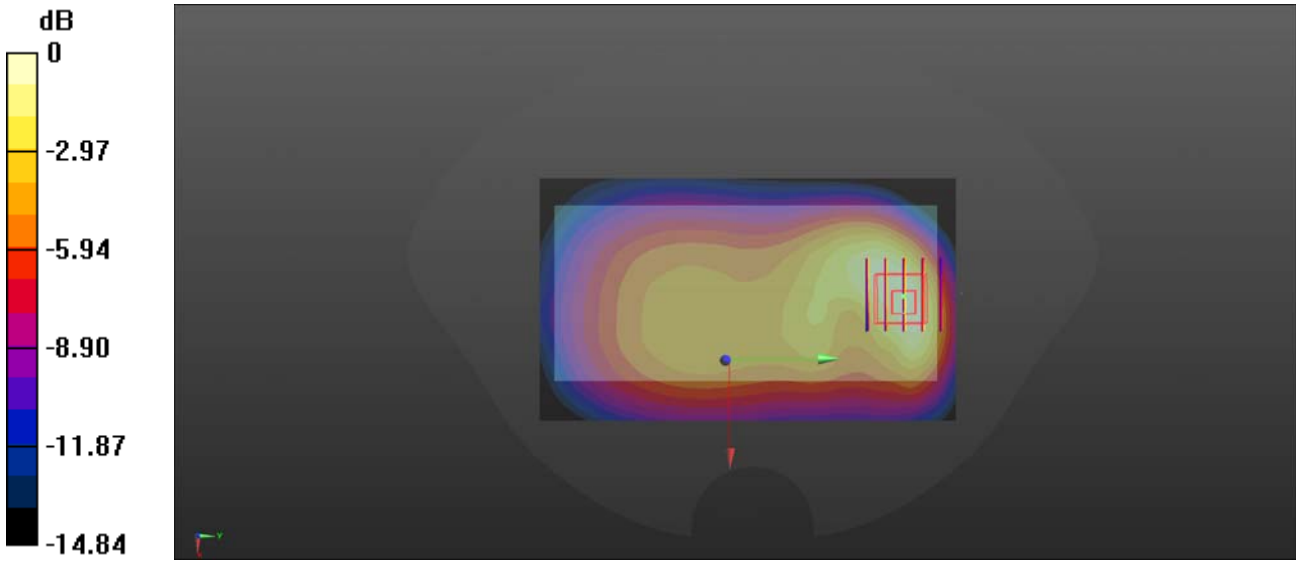
WCDMA Band V_body_back_CH4182_10mm

Communication System: UID 0, WCDMA 850 (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835 Medium parameters used: f = 836.4 MHz; σ = 0.98 S/m; ε_r = 55.491; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.69, 9.69, 9.69); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH4182/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.399 W/kg

CH4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.94 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.571 W/kg
SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.194 W/kg
Maximum value of SAR (measured) = 0.456 W/kg



0 dB = 0.399 W/kg

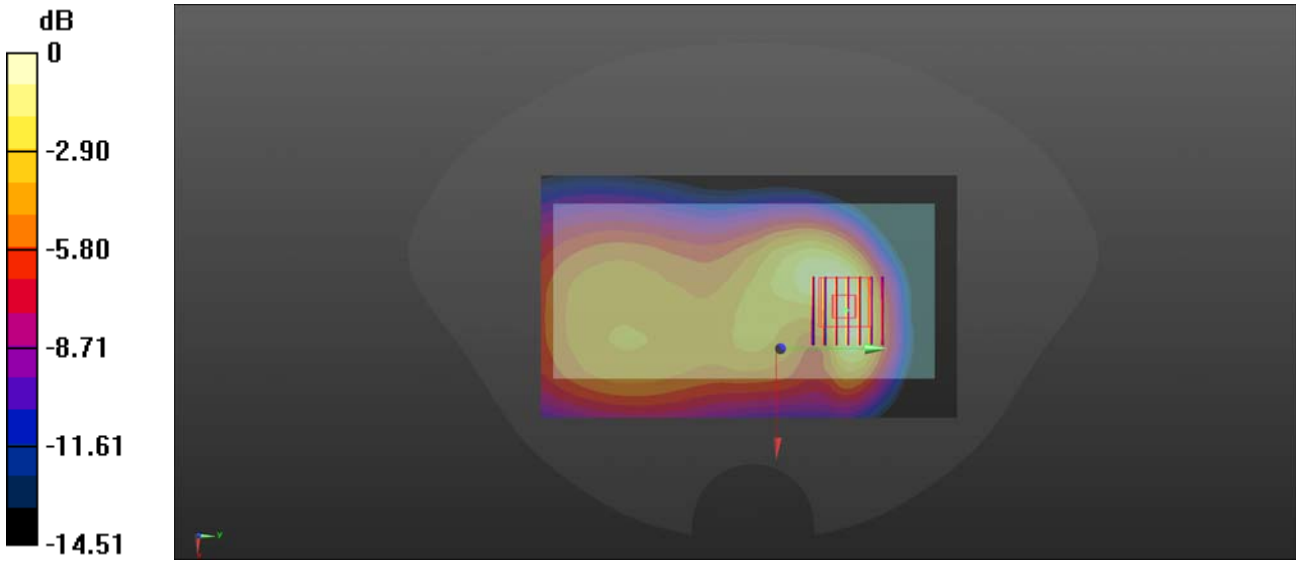
EVDO Rev.A BC0_body_back_CH1013_10mm

Communication System: UID 0, EVDO (0); Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: MSL_835 Medium parameters used: f = 825 MHz; σ = 1.03 S/m; ε_r = 52.294; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.69, 9.69, 9.69); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH1013/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.459 W/kg

CH1013/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.13 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.626 W/kg
SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.211 W/kg
Maximum value of SAR (measured) = 0.494 W/kg



0 dB = 0.459 W/kg

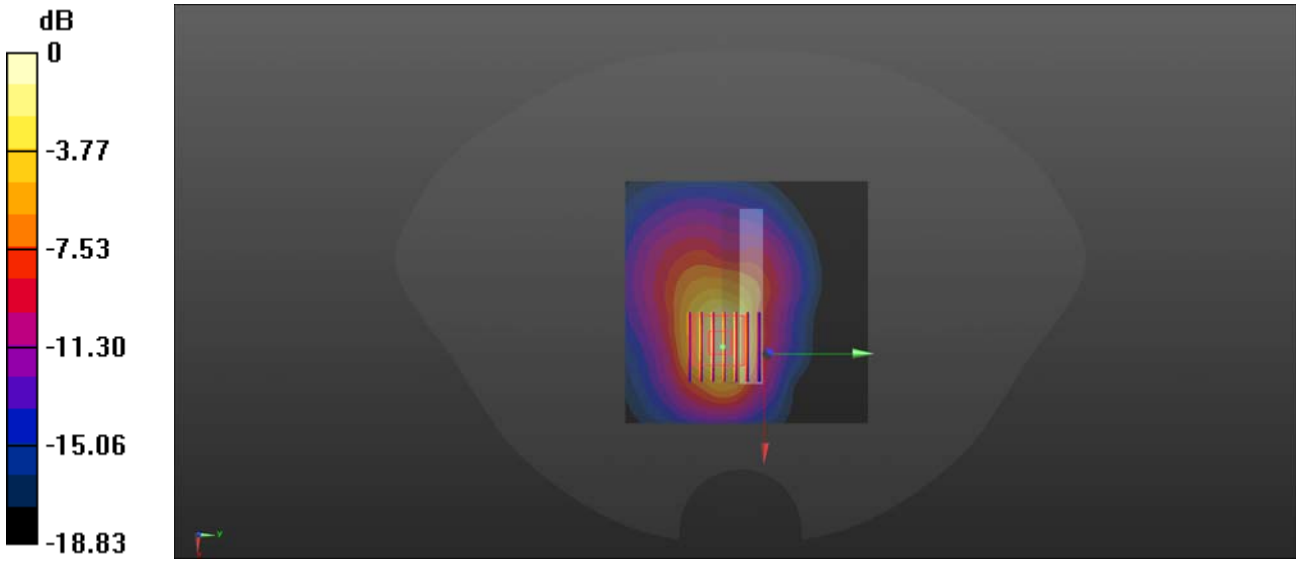
EVDO Rev.A BC1_body_bottom_CH1175_10mm

Communication System: UID 0, EVDO (0); Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1909 MHz; σ = 1.607 S/m; ε_r = 50.668; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.56, 7.56, 7.56); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH1175/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.976 W/kg

CH1175/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.98 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.348 W/kg
Maximum value of SAR (measured) = 0.976 W/kg



0 dB = 0.976W/kg

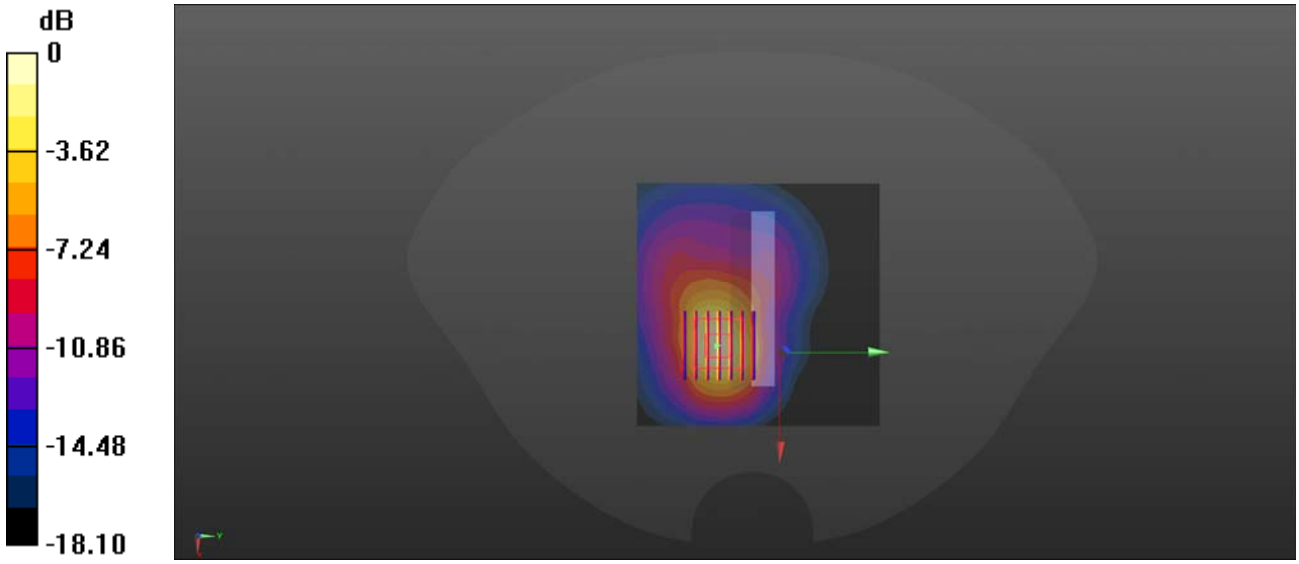
LTE Band 2 20M QPSK_1RB#99_bottom_CH18700_10mm

Communication System: UID 0, LTE BAND 2 (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1860 MHz; σ = 1.589 S/m; ε_r = 51.614; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.56, 7.56, 7.56); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH18700/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.88 W/kg

CH18700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.34 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.353 W/kg
Maximum value of SAR (measured) = 0.89 W/kg



0 dB = 0.88 W/kg

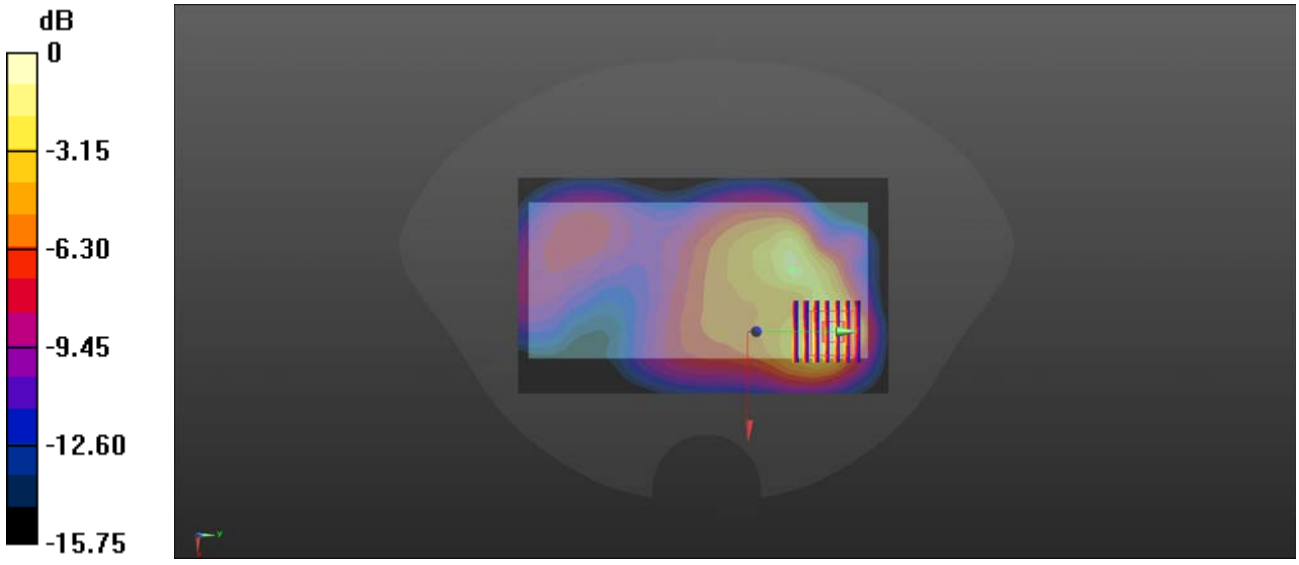
LTE Band 4 20M QPSK_1RB#0_body_face_side_CH20050_10mm

Communication System: UID 0, LTE BAND 4 (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750 Medium parameters used: f = 1720 MHz; σ = 1.502 S/m; ε_r = 51.847; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.93, 7.93, 7.93); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH20050/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.04 W/kg

CH20050/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.12 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.414 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.04 W/kg

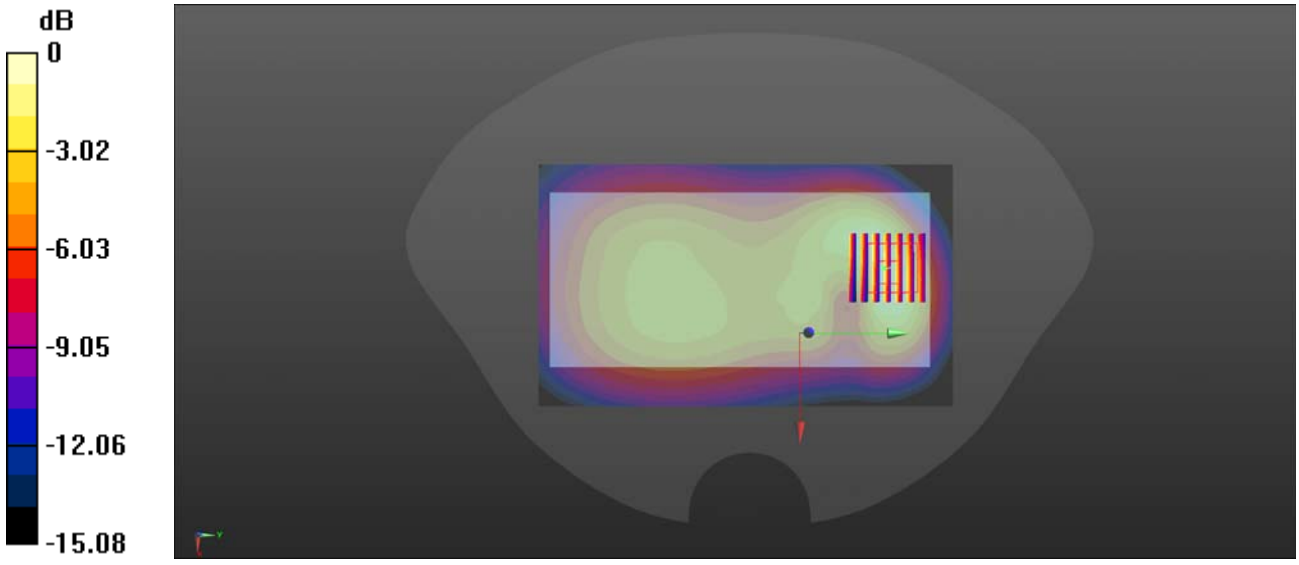
LTE Band 5 10M QPSK_1RB#49_body_back_side_CH20450_10mm

Communication System: UID 0, LTE Band 5 (0); Frequency: 829 MHz;Duty Cycle: 1:1
Medium: MSL_835 Medium parameters used: f = 829 MHz; σ = 1.032 S/m; ε_r = 52.229; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.69, 9.69, 9.69); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH20450/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.502 W/kg

CH20450/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.26 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.636 W/kg
SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.214 W/kg
Maximum value of SAR (measured) = 0.505 W/kg



0 dB = 0.502 W/kg

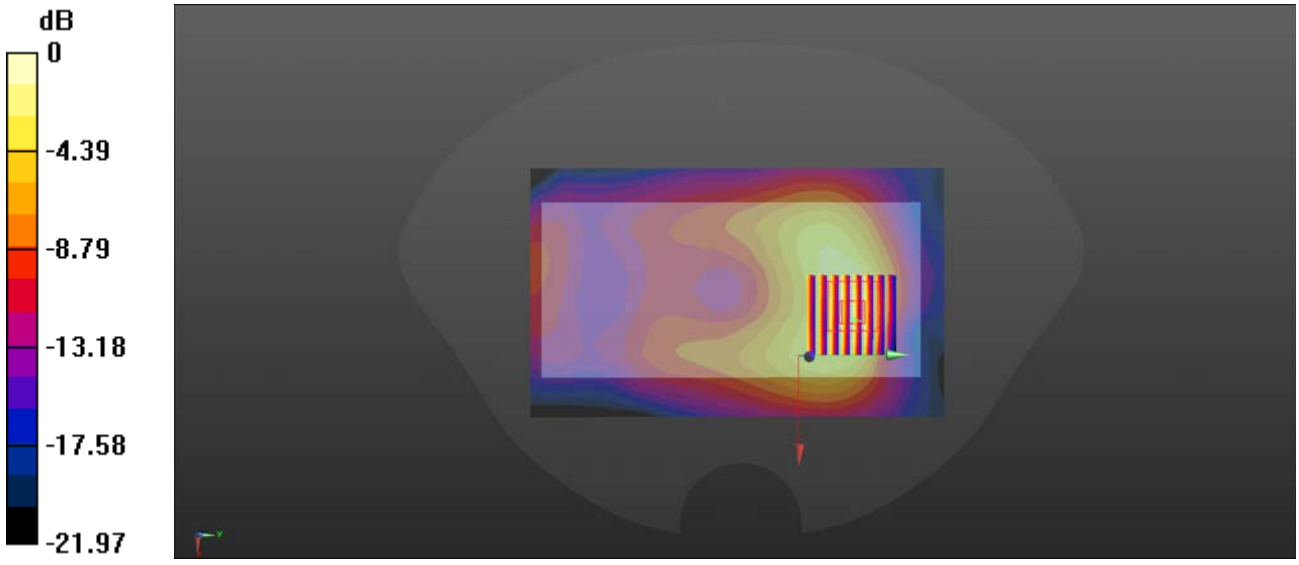
LTE Band 7 20M QPSK_1RB#0_body_back_side_CH21350_10mm

Communication System: UID 0, LTE BAND 7 (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600 Medium parameters used: f = 2560 MHz; σ = 2.147 S/m; ε_r = 52.583; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(6.96, 6.96, 6.96); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH21350/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.634 W/kg

CH21350/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.492 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.817 W/kg
SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.217 W/kg
Maximum value of SAR (measured) = 0.613 W/kg



0 dB = 0.634 W/kg

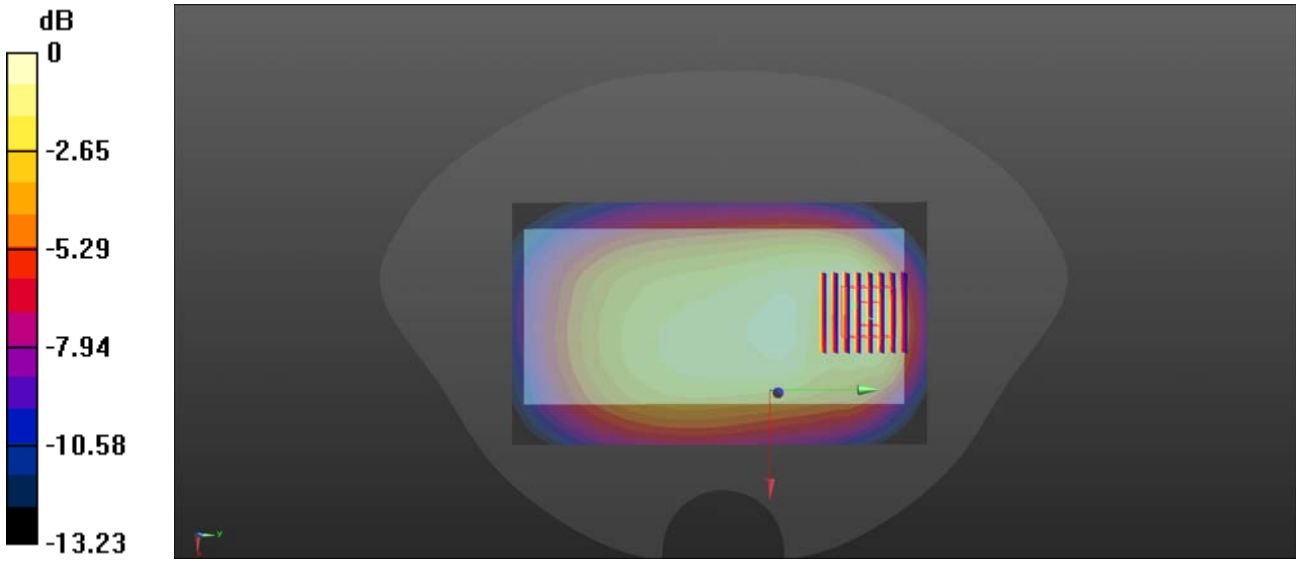
LTE Band 12 10M QPSK_1RB#49_body_back_side_CH23130_10mm

Communication System: UID 0, LTE Band 12 (0); Frequency: 711 MHz;Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: f = 710 MHz; σ = 0.899 S/m; ε_r = 55.159; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(10.05, 10.05, 10.05); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH23130/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.278 W/kg

CH23130/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.30 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.379 W/kg
SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.121 W/kg
Maximum value of SAR (measured) = 0.293 W/kg



0 dB = 0.278 W/kg

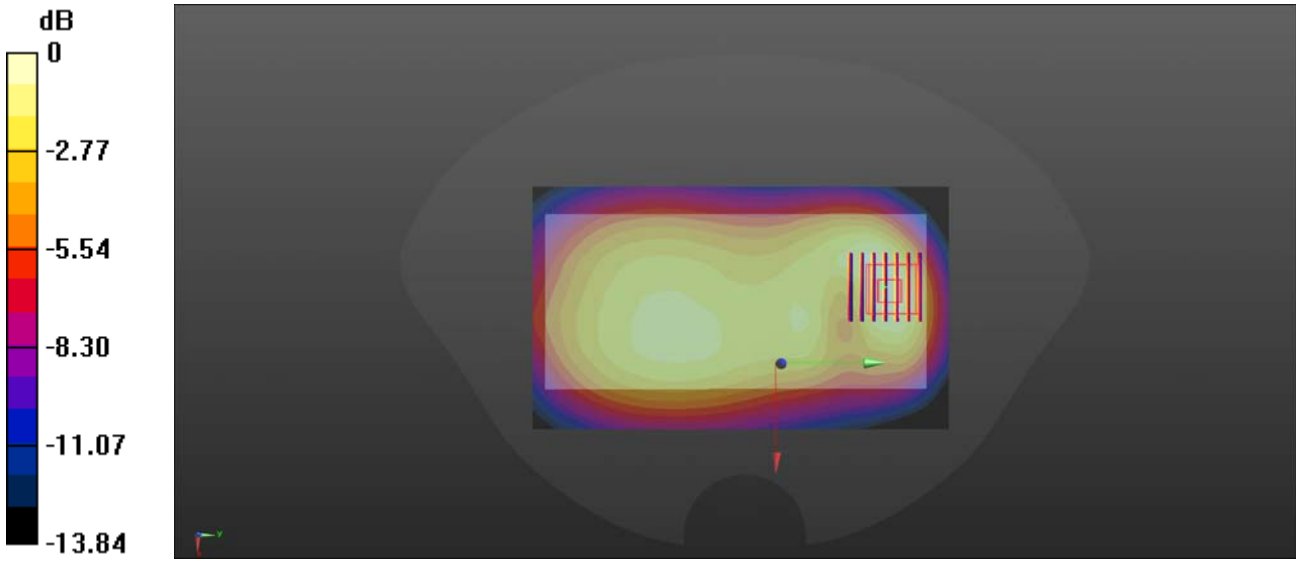
LTE Band 13 10M QPSK_1RB#24_body_back_side_CH23230_10mm

Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: f = 782 MHz; σ = 0.944 S/m; ε_r = 54.978; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(10.05, 10.05, 10.05); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH23230/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.323 W/kg

CH23230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.08 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.148 W/kg
Maximum value of SAR (measured) = 0.340 W/kg



0 dB = 0.323 W/kg

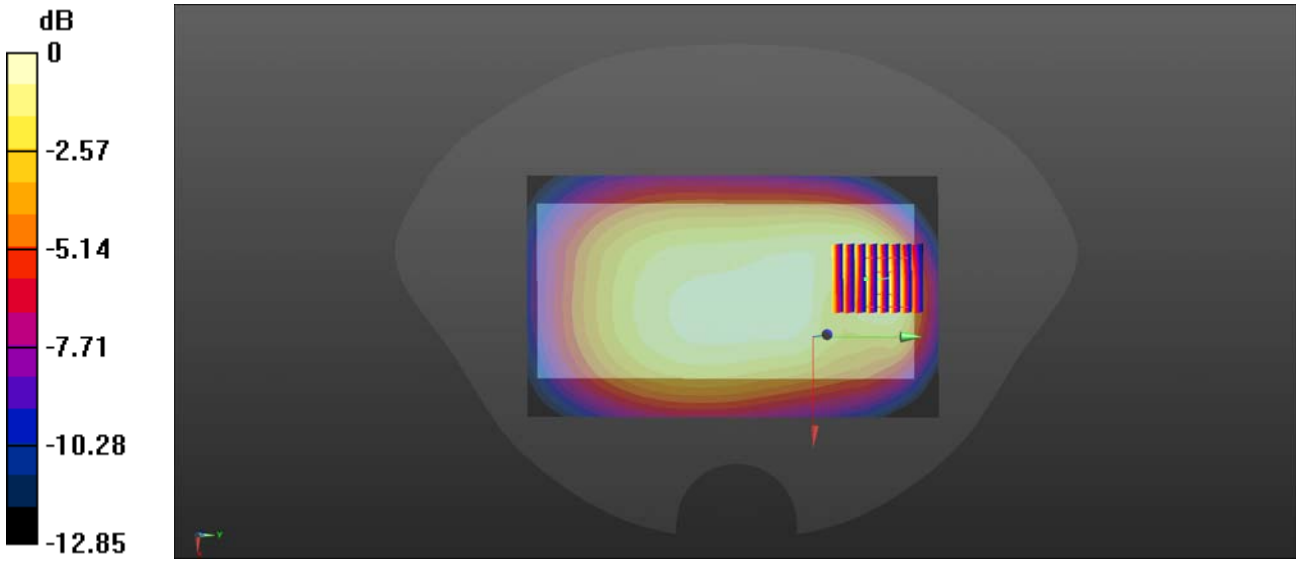
LTE Band 17 10M_QPSK_1RB#24_body_back_side_CH23790_10mm

Communication System: UID 0, LTE Band 17 (0); Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: f = 710 MHz; σ = 0.902 S/m; ε_r = 55.164; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(10.05, 10.05, 10.05); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH23790/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.312 W/kg

CH23790/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.59 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.444 W/kg
SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.143 W/kg
Maximum value of SAR (measured) = 0.343 W/kg



0 dB = 0.312 W/kg

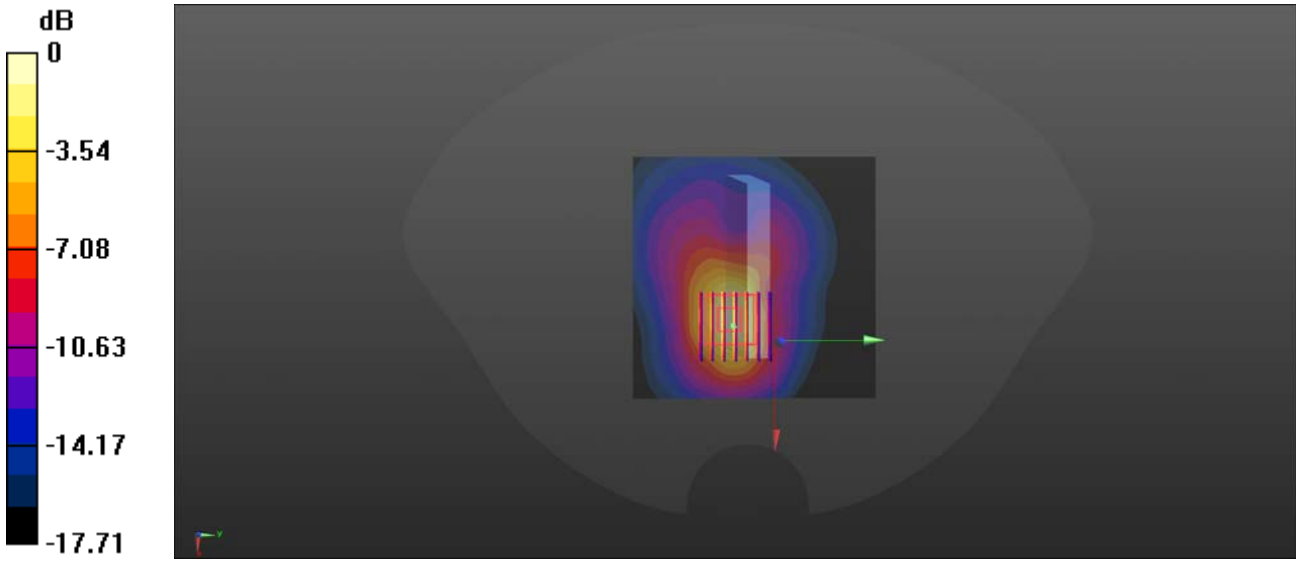
LTE Band 25 QPSK_50RB#0_bottom_CH26140_10mm

Communication System: UID 0, LTE Band 25 (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1860 MHz; σ = 1.589 S/m; ε_r = 51.614; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.56, 7.56, 7.56); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH26140/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

CH26140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.70 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.381 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.01 W/kg

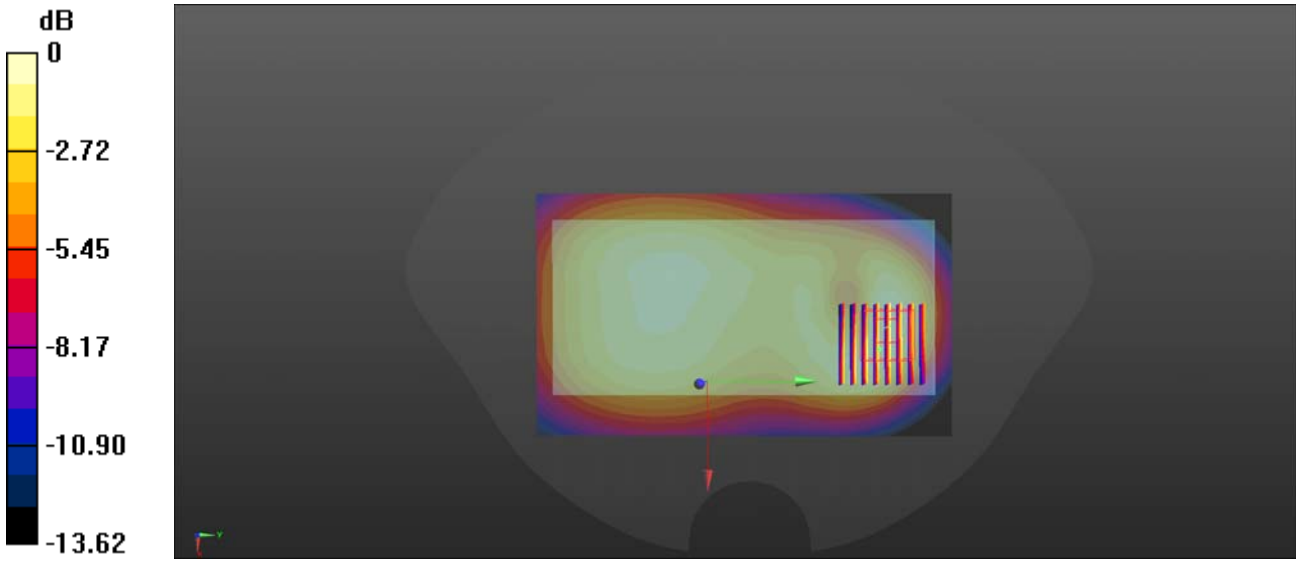
LTE Band 26 15M QPSK_1RB#0_body_face_side_CH26765_10mm

Communication System: UID 0, LTE Band 26 (0); Frequency: 821.5 MHz;Duty Cycle: 1:1
Medium: MSL_835 Medium parameters used: f = 822.5 MHz; σ = 1.029 S/m; ε_r = 52.235; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.69, 9.69, 9.69); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH26765/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.311 W/kg

CH26765/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.93 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.386 W/kg
SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.145 W/kg
Maximum value of SAR (measured) = 0.314 W/kg



0 dB = 0.311 W/kg

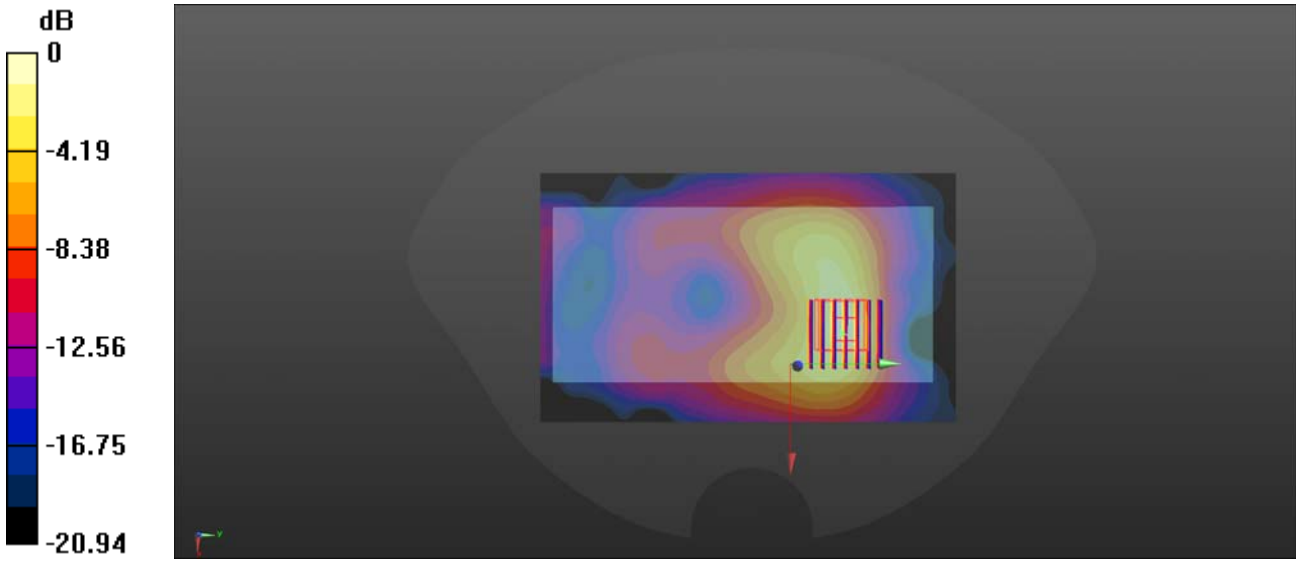
LTE Band 41 20M QPSK_1RB#49_body_back_side_CH41490_10mm

Communication System: UID 0, TDD-LTE Band41 -FCC (0); Frequency: 2680 MHz;Duty Cycle: 1:1
Medium: MSL_2600 Medium parameters used: f = 2680 MHz; σ = 2.254 S/m; ε_r = 52.422; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(6.96, 6.96, 6.96); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH41490/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.479 W/kg

CH41490/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.250 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.633 W/kg
SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.150 W/kg
Maximum value of SAR (measured) = 0.465 W/kg



0 dB = 0.479 W/kg

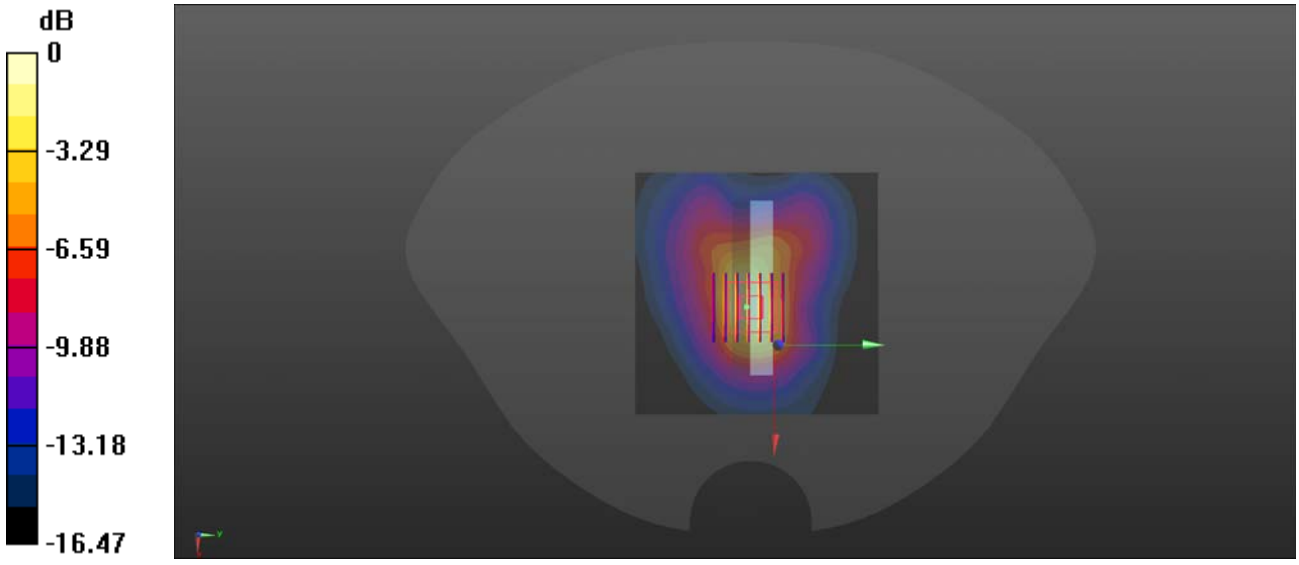
LTE Band 66 QPSK_50RB#50_bottom_CH132072_10mm

Communication System: UID 0, LTE Band 66 (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750 Medium parameters used: f = 1720 MHz; σ = 1.502 S/m; ε_r = 51.847; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.93, 7.93, 7.93); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH132072/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.425 W/kg

CH132072/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.47 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.602 W/kg
SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.176 W/kg
Maximum value of SAR (measured) = 0.475 W/kg



0 dB = 0.425 W/kg

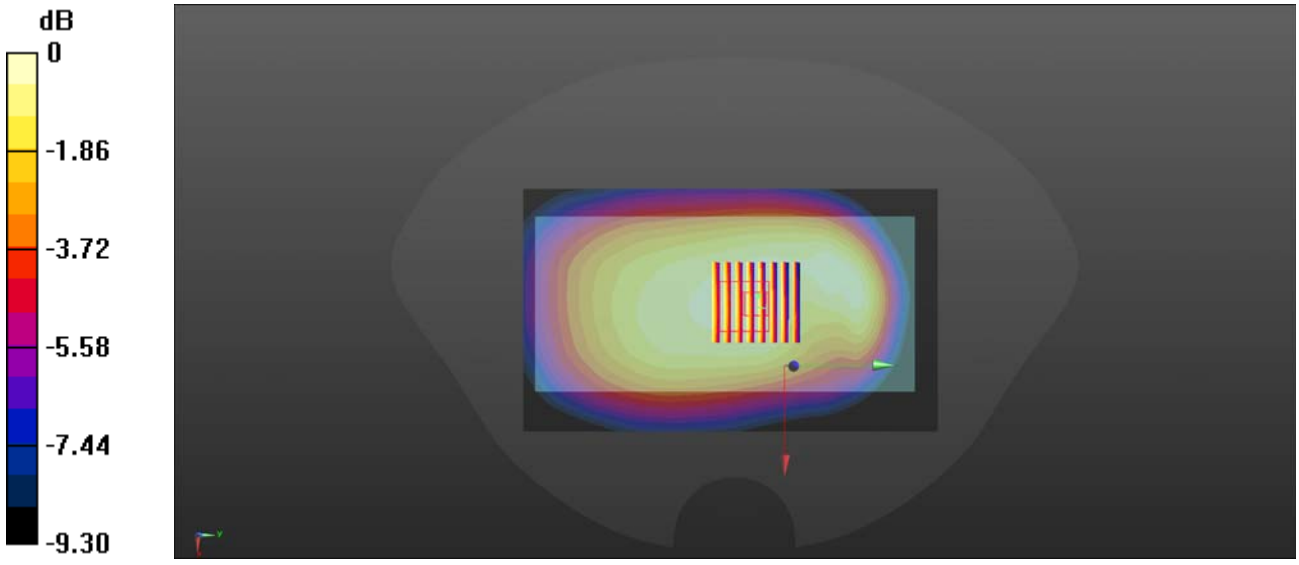
LTE Band 71 20M QPSK_1RB#49_body_back_side_CH133222_10mm

Communication System: UID 0, LTE Band 71 (0); Frequency: 673 MHz;Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: f = 673 MHz; σ = 0.88 S/m; ε_r = 55.253; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(10.05, 10.05, 10.05); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH133222/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.104 W/kg

CH133222/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.76 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.115 W/kg
SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.070 W/kg
Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.104 W/kg

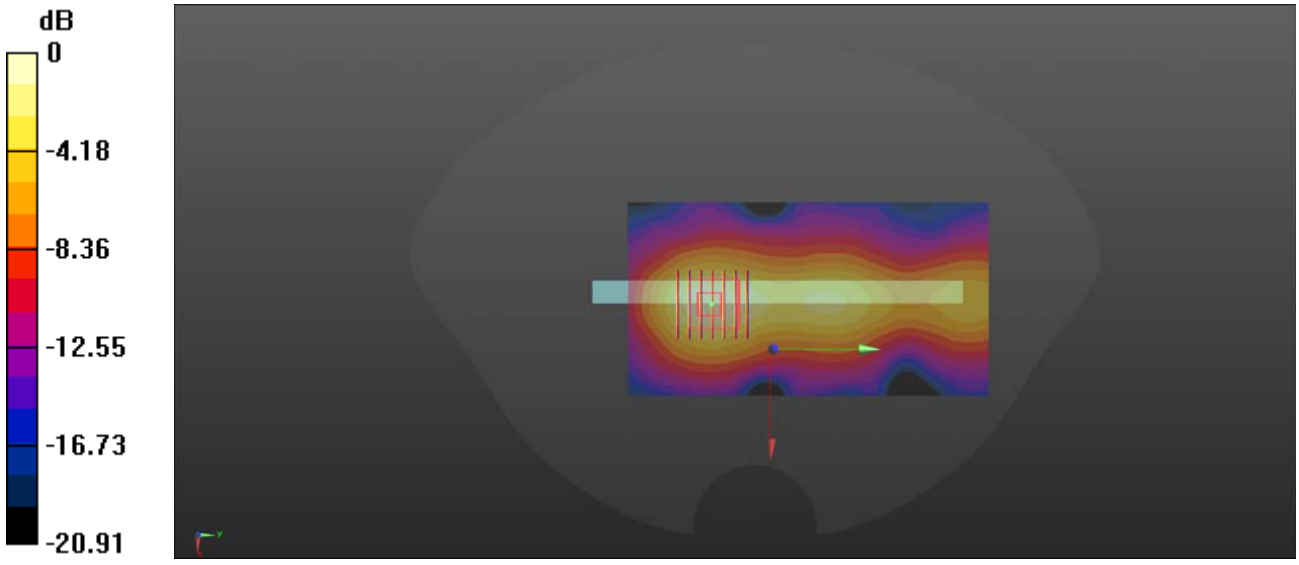
WLAN 2.4GHz_802.11b 1Mbps_Left edge_CH11_10mm

Communication System: UID 0, WiFi (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450 Medium parameters used: f = 2462 MHz; σ = 2.062 S/m; ε_r = 51.401; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.27, 7.27, 7.27); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH11/Area Scan (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.190 W/kg

CH11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.567 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.243 W/kg
SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.070 W/kg
Maximum value of SAR (measured) = 0.191 W/kg



0 dB = 0.190 W/kg

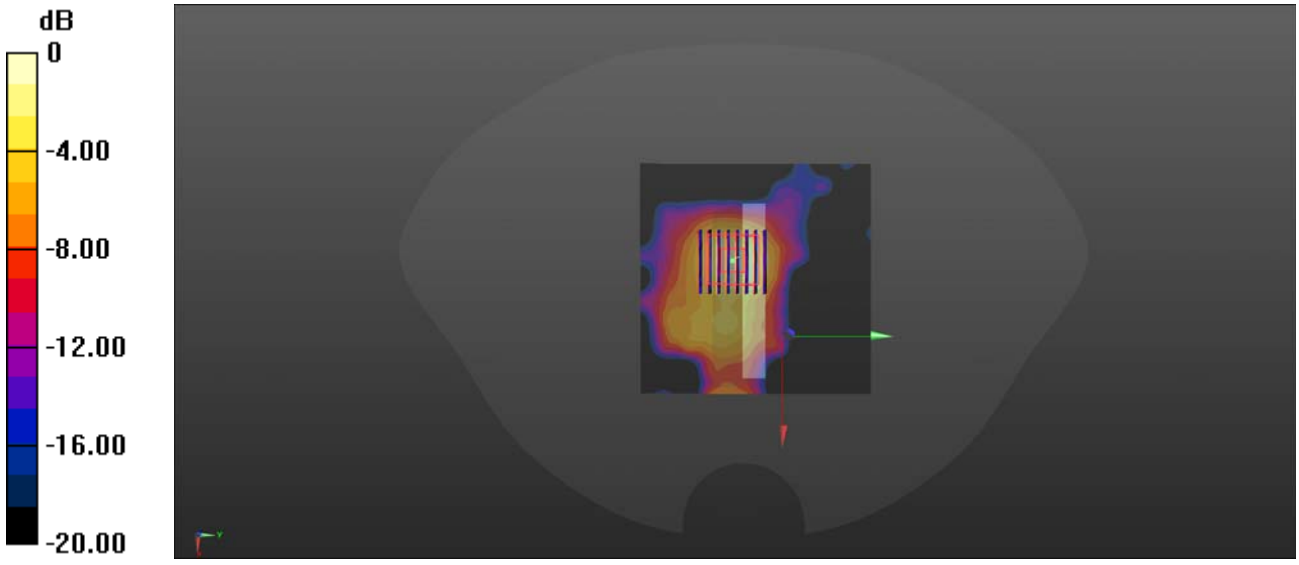
5G WLAN _Top edge_CH36_10mm

Communication System: UID 0, 5G WIFI (0); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5250 Medium parameters used: f = 5180 MHz; σ = 5.105 S/m; ε_r = 49.263; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(4.57, 4.57, 4.57); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

body/CH36/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.228 W/kg

body/CH36/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.655 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.439 W/kg
SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.044 W/kg
Maximum value of SAR (measured) = 0.222 W/kg



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

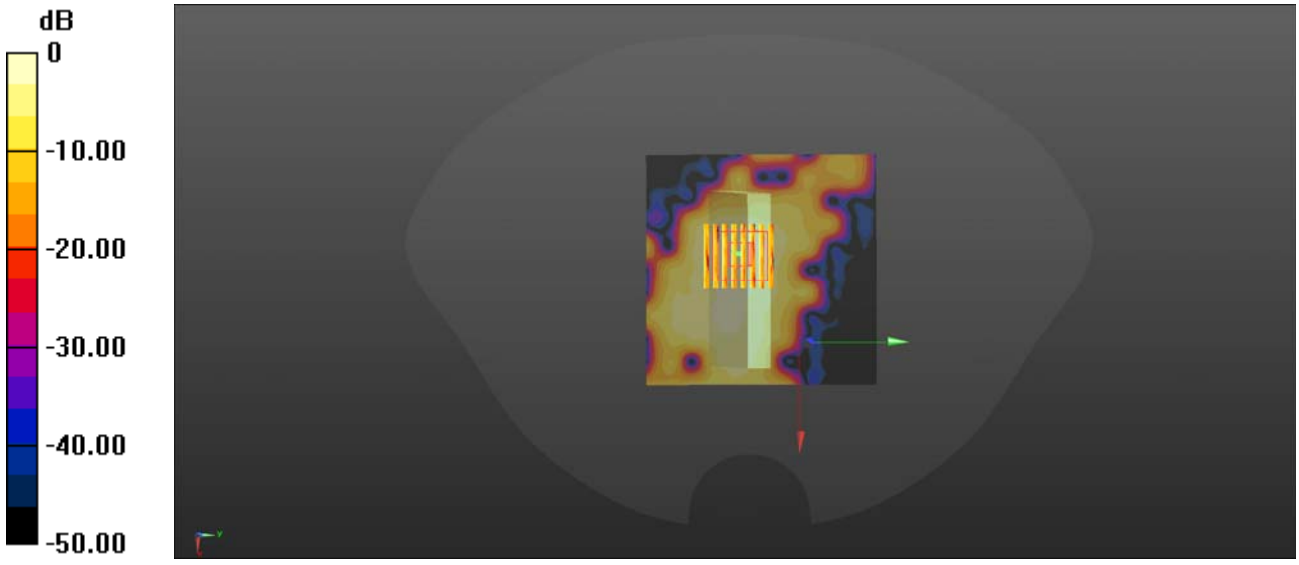
5G WLAN _Top edge_CH60_10mm

Communication System: UID 0, 5G WIFI (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: MSL_5600 Medium parameters used: f = 5300 MHz; σ = 5.3 S/m; ε_r = 49.088; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(4.57, 4.57, 4.57); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH60/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.171 W/kg

CH60/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.438 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.310 W/kg
SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.033 W/kg
Maximum value of SAR (measured) = 0.162 W/kg



0 dB = 0.162 W/kg

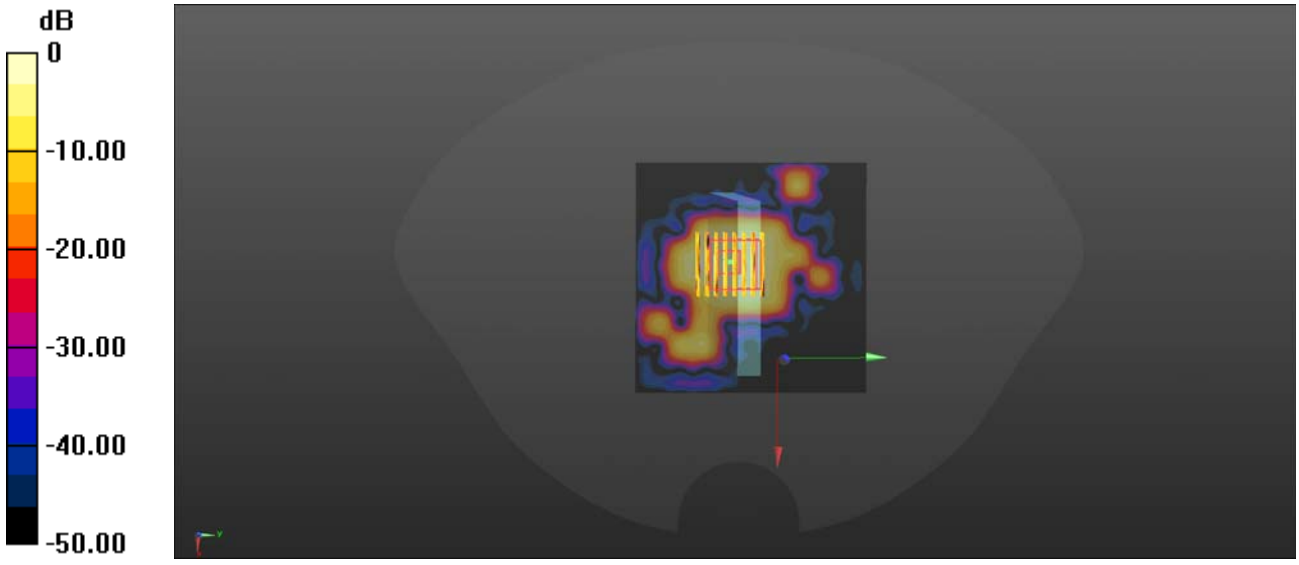
5G WLAN _Top edge_CH149_10mm

Communication System: UID 0, 5G WIFI (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5750 Medium parameters used: f = 5745 MHz; σ = 5.759 S/m; ε_r = 46.438; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(3.99, 3.99, 3.99); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH149/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0910 W/kg

CH149/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.541 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.162 W/kg
SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0856 W/kg



0 dB = 0.0910 W/kg

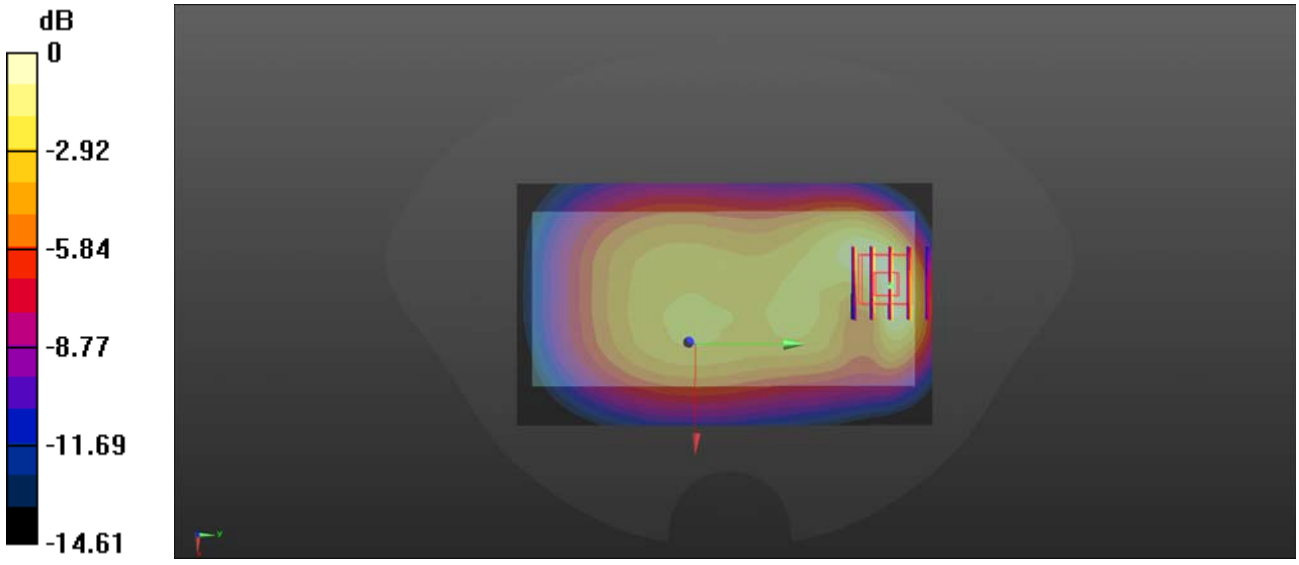
GSM850_GPRS(4 TX slots)_body_back_10mm

Communication System: UID 0, GPRS/EGPRS-4ST (0); Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: MSL_835 Medium parameters used: f = 836.4 MHz; σ = 0.98 S/m; ε_r = 55.491; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.69, 9.69, 9.69); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH190/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.458 W/kg

CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.38 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.630 W/kg
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.202 W/kg
Maximum value of SAR (measured) = 0.471 W/kg



0 dB = 0.458 W/kg

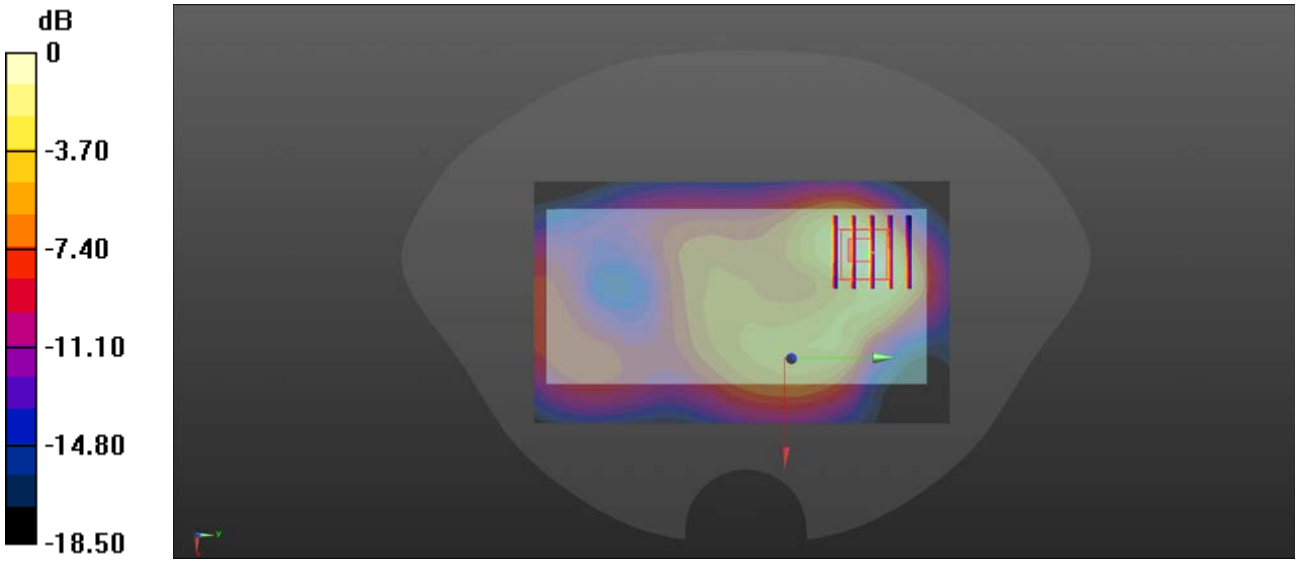
PCS1900_GPRS_body_Back_10mm

Communication System: UID 0, GPRS/EGPRS-4ST (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.09991
Medium: MSL_1900 Medium parameters used: f = 1909.8 MHz; σ = 1.54 S/m; ε_r = 53.6; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.56, 7.56, 7.56); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH810/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.695 W/kg

CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.14 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.843 W/kg
SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.258 W/kg
Maximum value of SAR (measured) = 0.662 W/kg



0 dB = 0.695 W/kg

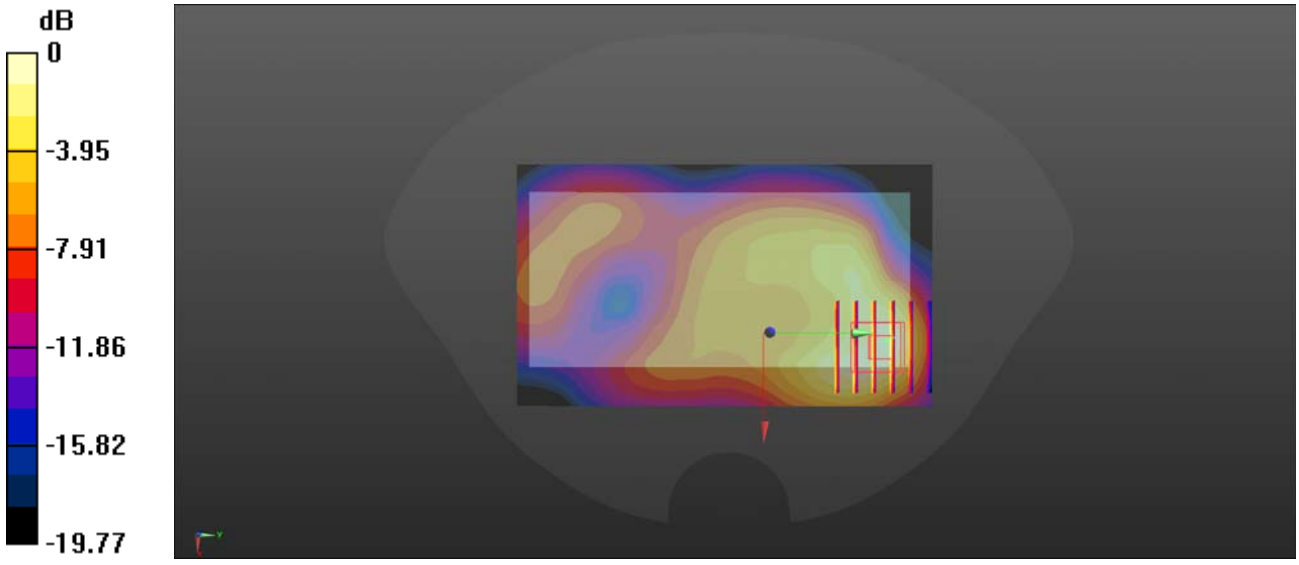
WCDMA Band II_body_face_CH9538_10mm

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1907.6 MHz; σ = 1.54 S/m; ε_r = 53.6; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.56, 7.56, 7.56); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH9538/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.963 W/kg

CH9538/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.47 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.417 W/kg
Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 0.963 W/kg

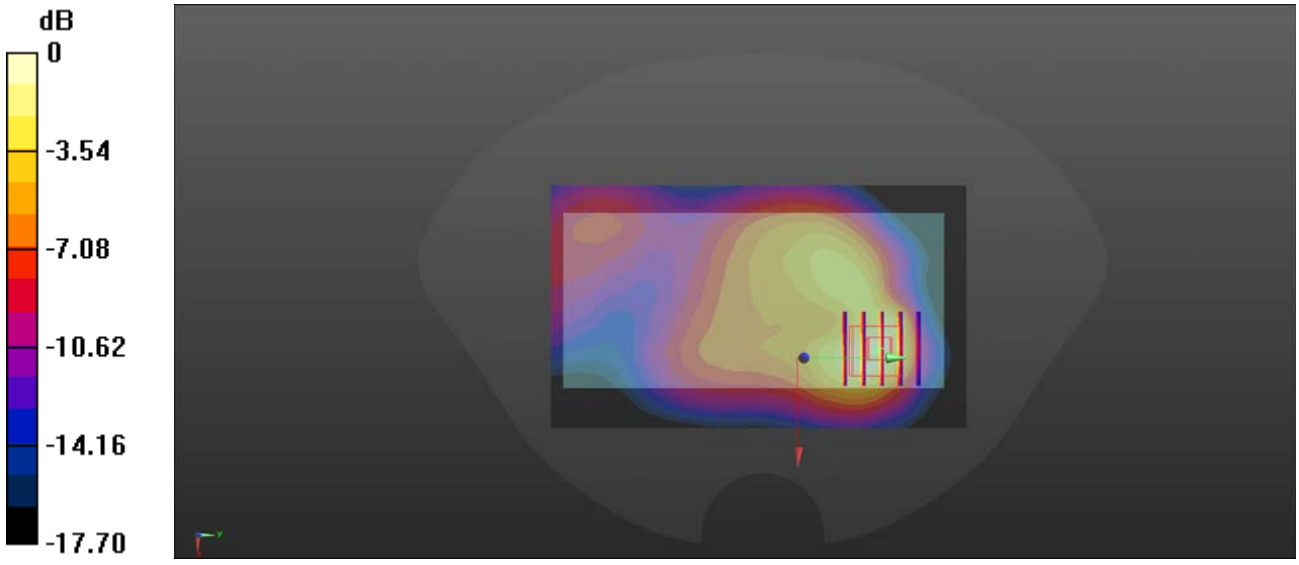
WCDMA Band IV_body_face_CH1513_10mm

Communication System: UID 0, WCDMA 1700 (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: MSL_1750 Medium parameters used:f = 1752.6 MHz; σ = 1.454 S/m; ε_r = 53.895; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.93, 7.93, 7.93); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH1513/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.890 W/kg

CH1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.08 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.365 W/kg
Maximum value of SAR (measured) = 0.971 W/kg



0 dB = 0.890 W/kg

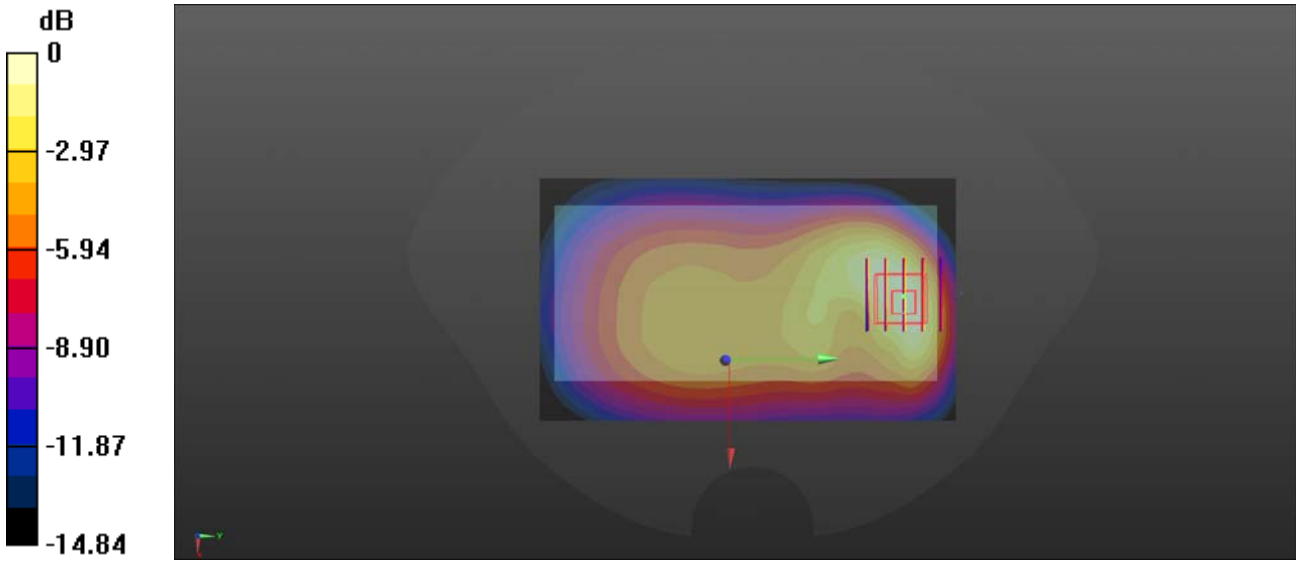
WCDMA Band V_body_back_CH4182_10mm

Communication System: UID 0, WCDMA 850 (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835 Medium parameters used: f = 836.4 MHz; σ = 0.98 S/m; ε_r = 55.491; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.69, 9.69, 9.69); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH4182/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.399 W/kg

CH4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.94 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.571 W/kg
SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.194 W/kg
Maximum value of SAR (measured) = 0.456 W/kg



0 dB = 0.399 W/kg

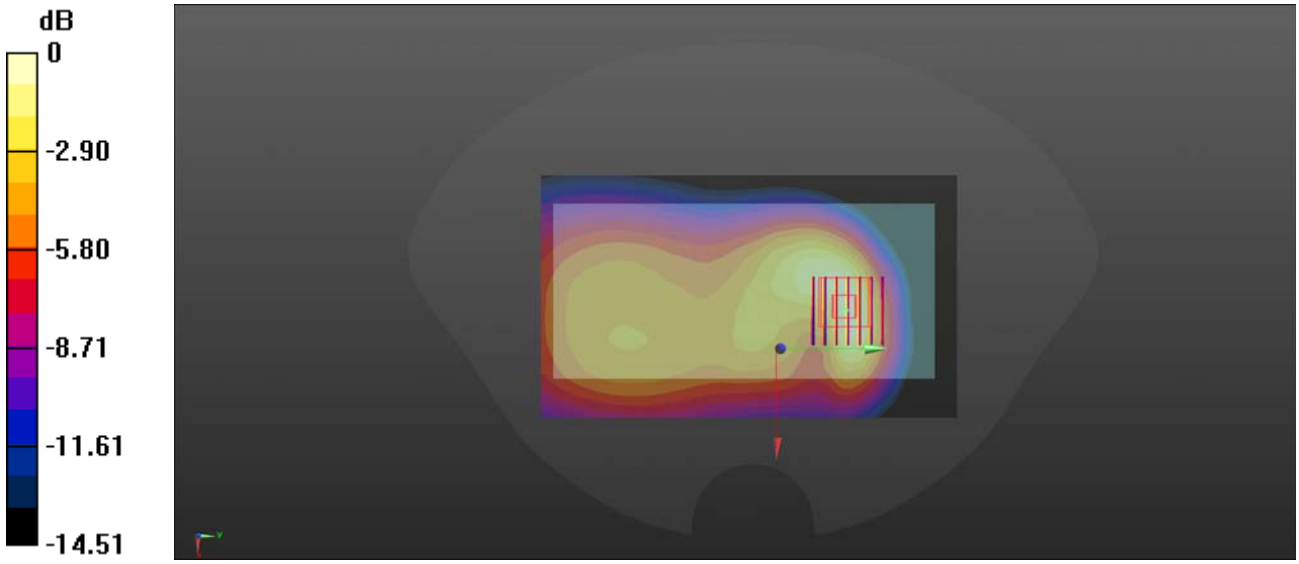
EVDO Rev.A BC0_body_back_CH1013_10mm

Communication System: UID 0, EVDO (0); Frequency: 824.7MHz;Duty Cycle: 1:1
Medium: MSL_835 Medium parameters used: f = 825 MHz; σ = 1.03 S/m; ε_r = 52.294; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.69, 9.69, 9.69); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH1013/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.459 W/kg

CH1013/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.13 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.626 W/kg
SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.211 W/kg
Maximum value of SAR (measured) = 0.494 W/kg



0 dB = 0.459 W/kg

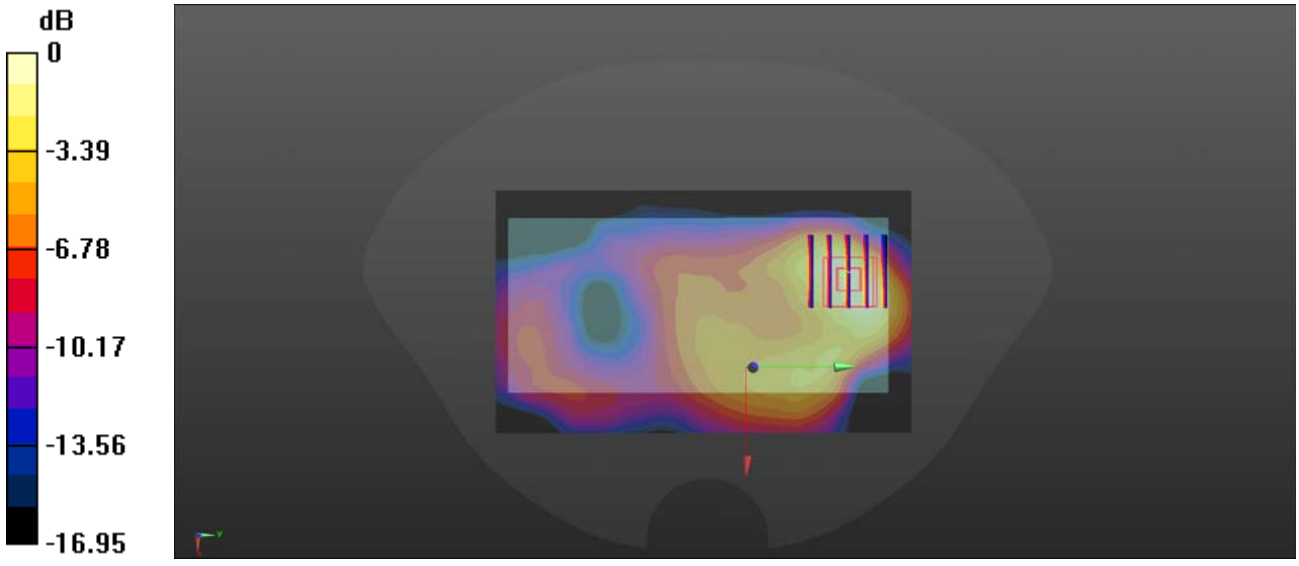
CDMA BC1_body_back_CH1175_10mm

Communication System: UID 0, CDMA2000 1x EVDO 1900 (0); Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1908.75 MHz; σ = 1.54 S/m; ε_r = 53.6; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.56, 7.56, 7.56); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH1175/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.28 W/kg

CH1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.082 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.225 W/kg
SAR(1 g) = 0.641 W/kg; SAR(10 g) = 0.267 W/kg
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.28 W/kg

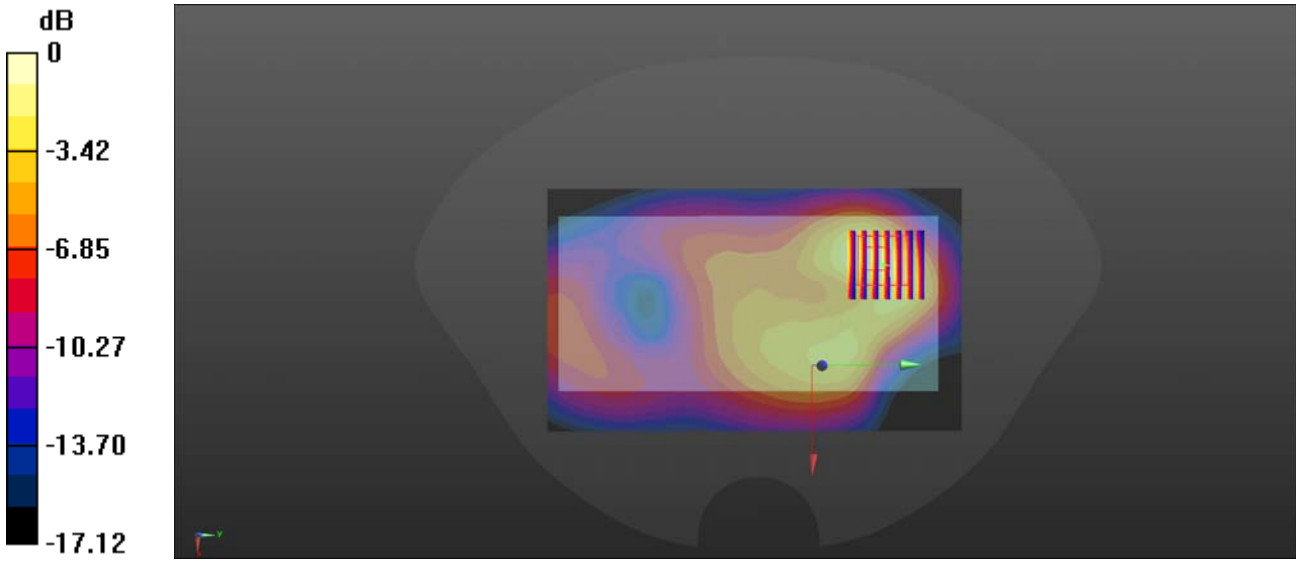
LTE Band 2 20M QPSK_1RB#99_body_back_side_CH18700_10mm

Communication System: UID 0, LTE BAND 2 (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1860 MHz; σ = 1.589 S/m; ε_r = 51.614; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.56, 7.56, 7.56); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH18700/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.916 W/kg

CH18700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.13 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.673 W/kg; SAR(10 g) = 0.352 W/kg
Maximum value of SAR (measured) = 0.859 W/kg



0 dB = 0.916 W/kg

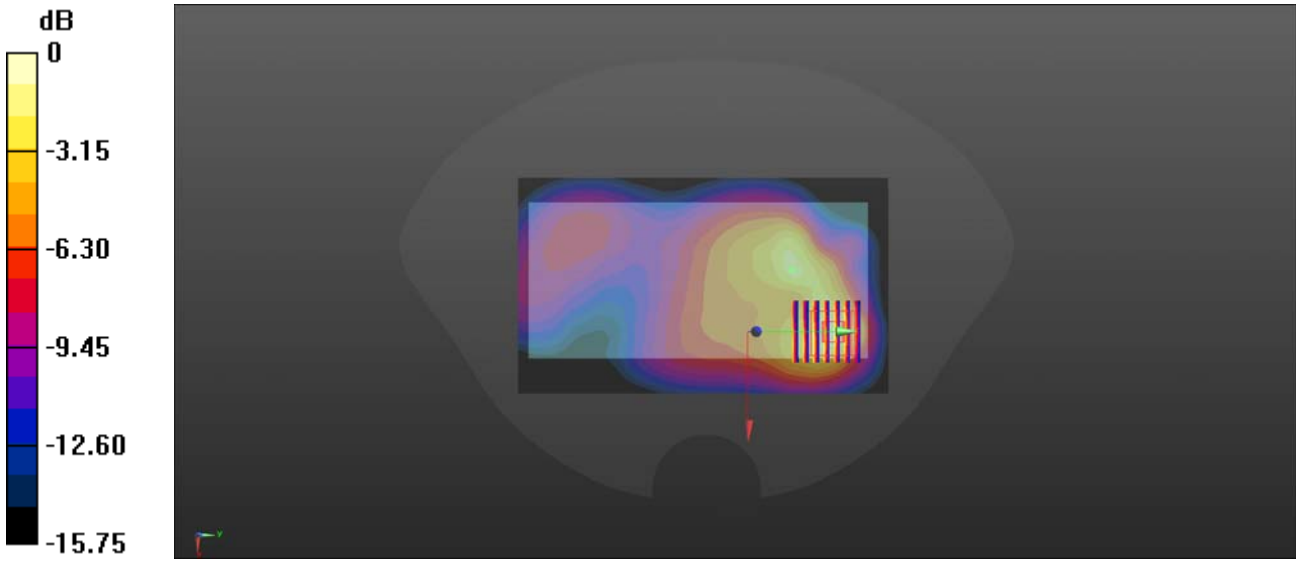
LTE Band 4 20M QPSK_1RB#0_body_face_side_CH20050_10mm

Communication System: UID 0, LTE BAND 4 (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750 Medium parameters used: f = 1720 MHz; σ = 1.502 S/m; ε_r = 51.847; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.93, 7.93, 7.93); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH20050/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.04 W/kg

CH20050/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.12 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.414 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.04 W/kg

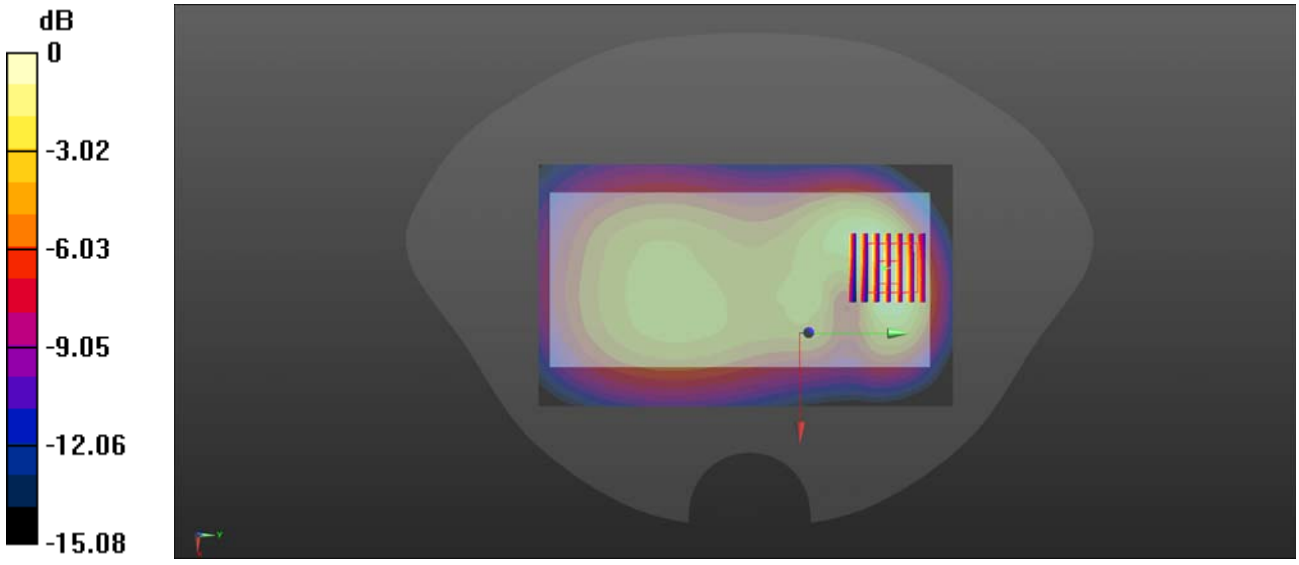
LTE Band 5 10M QPSK_1RB#49_body_back_side_CH20450_10mm

Communication System: UID 0, LTE Band 5 (0); Frequency: 829 MHz;Duty Cycle: 1:1
Medium: MSL_835 Medium parameters used: f = 829 MHz; σ = 1.032 S/m; ε_r = 52.229; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.69, 9.69, 9.69); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH20450/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.502 W/kg

CH20450/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.26 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.636 W/kg
SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.214 W/kg
Maximum value of SAR (measured) = 0.505 W/kg



0 dB = 0.502 W/kg

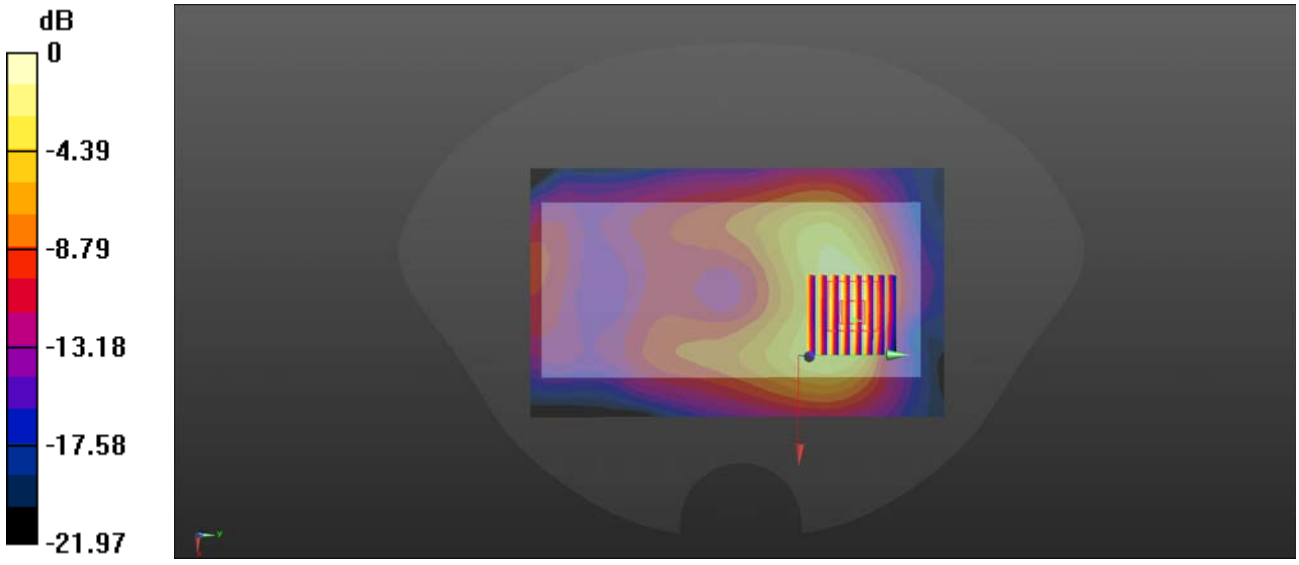
LTE Band 7 20M QPSK_1RB#0_body_back_side_CH21350_10mm

Communication System: UID 0, LTE BAND 7 (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600 Medium parameters used: f = 2560 MHz; σ = 2.147 S/m; ε_r = 52.583; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(6.96, 6.96, 6.96); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH21350/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.634 W/kg

CH21350/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.492 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.817 W/kg
SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.217 W/kg
Maximum value of SAR (measured) = 0.613 W/kg



0 dB = 0.634 W/kg

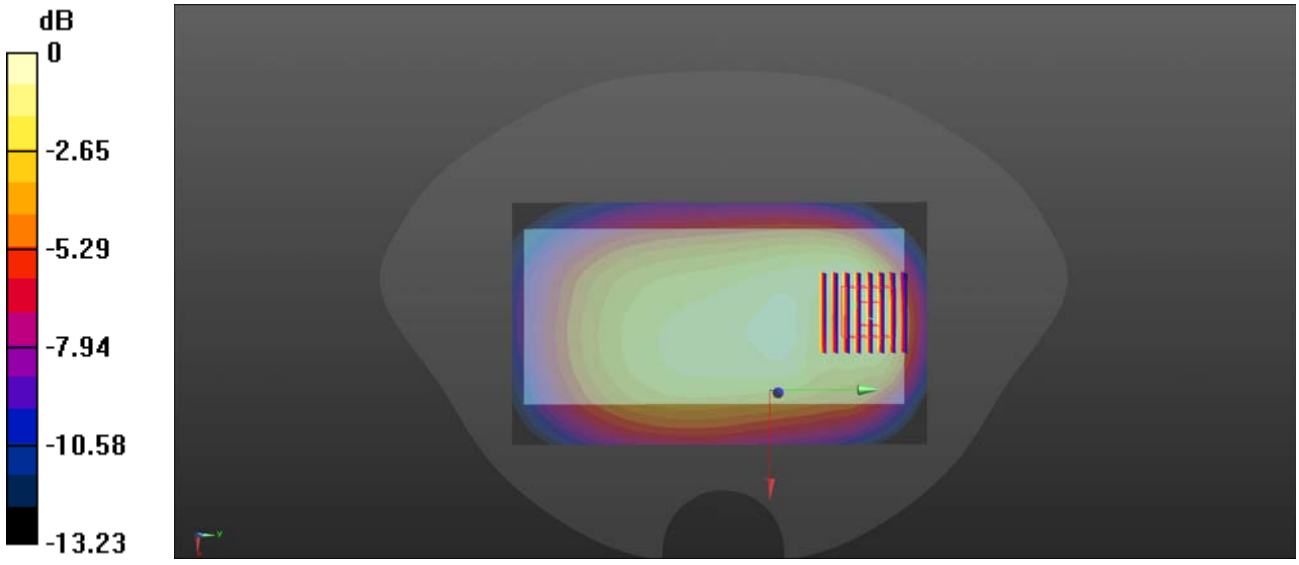
LTE Band 12 10M QPSK_1RB#49_body_back_side_CH23130_10mm

Communication System: UID 0, LTE Band 12 (0); Frequency: 711 MHz;Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: f = 710 MHz; σ = 0.899 S/m; ε_r = 55.159; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(10.05, 10.05, 10.05); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH23130/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.278 W/kg

CH230130/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 15.30 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.379 W/kg
SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.121 W/kg
Maximum value of SAR (measured) = 0.293 W/kg



0 dB = 0.278 W/kg

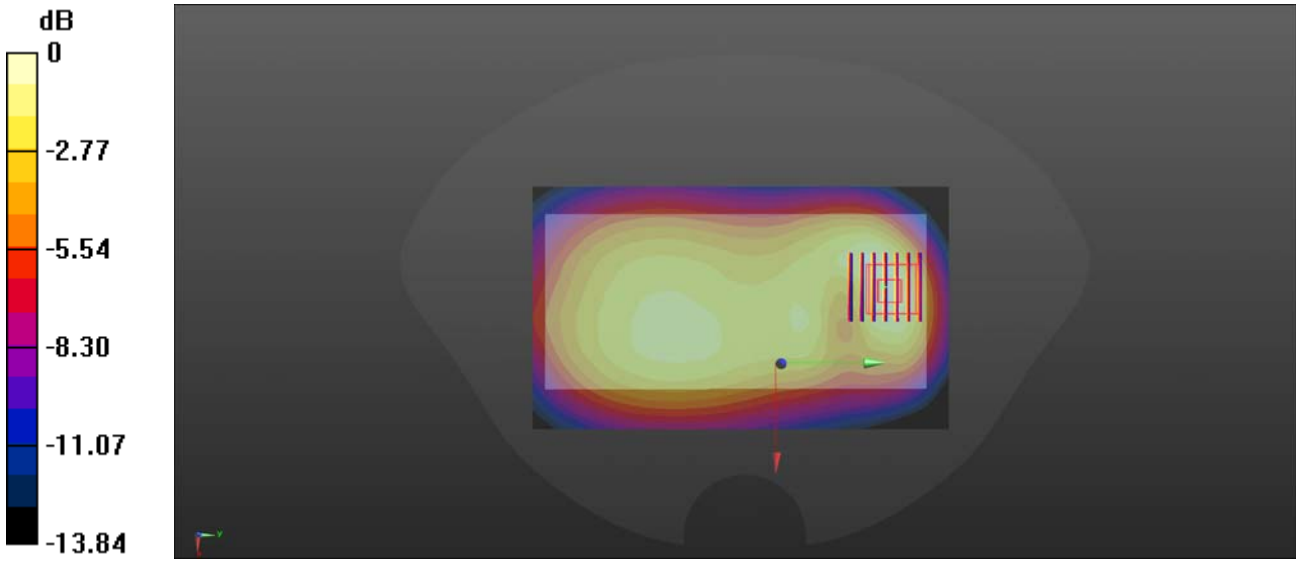
LTE Band 13 10M QPSK_1RB#24_body_back_side_CH23230_10mm

Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: f = 782 MHz; σ = 0.944 S/m; ε_r = 54.978; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(10.05, 10.05, 10.05); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH2330/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.323 W/kg

CH23230/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.08 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.148 W/kg
Maximum value of SAR (measured) = 0.340 W/kg



0 dB = 0.323 W/kg

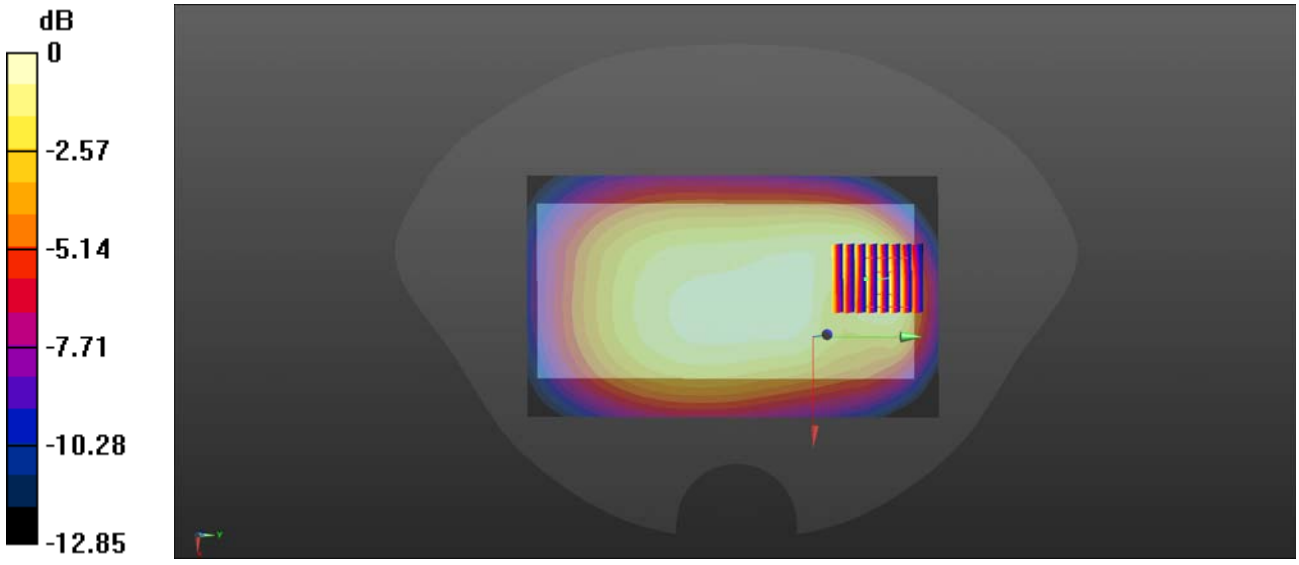
LTE Band 17 10M_QPSK_1RB#24_body_back_side_CH23790_10mm

Communication System: UID 0, LTE Band 17 (0); Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: f = 710 MHz; σ = 0.902 S/m; ε_r = 55.164; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(10.05, 10.05, 10.05); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH23790/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.312 W/kg

CH23790/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.59 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.444 W/kg
SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.143 W/kg
Maximum value of SAR (measured) = 0.343 W/kg



0 dB = 0.312 W/kg

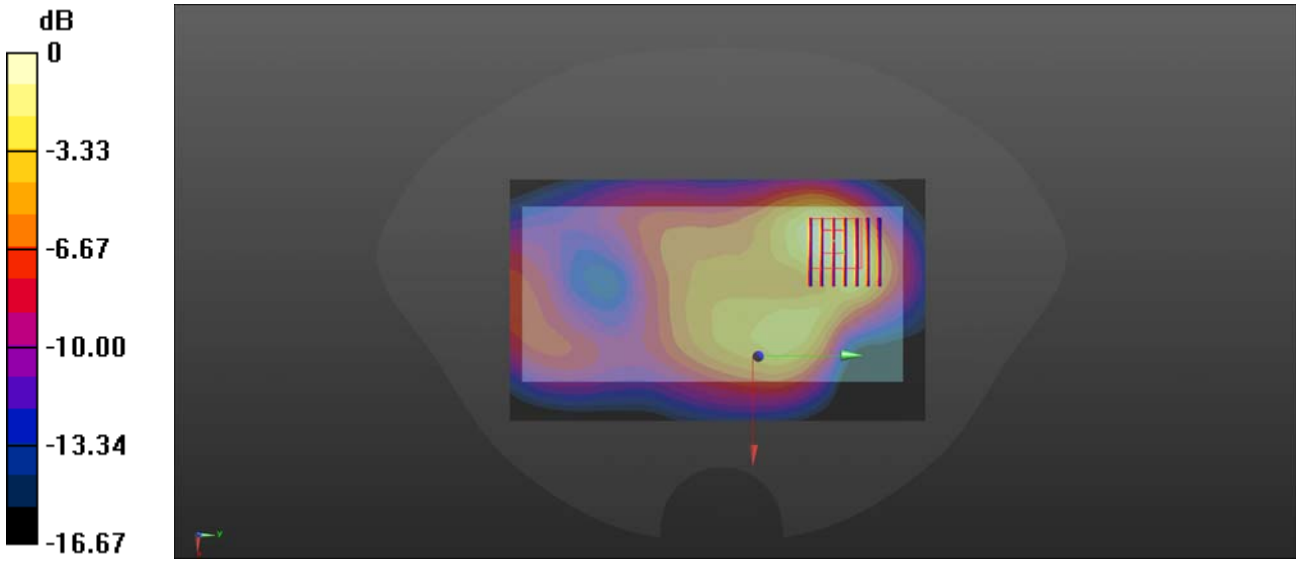
LTE Band 25 20M QPSK_1RB#0_body_back_side_CH26140_10mm

Communication System: UID 0, LTE Band 25 (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1860 MHz; σ = 1.589 S/m; ε_r = 51.614; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.56, 7.56, 7.56); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH26140/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.833 W/kg

CH26140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.69 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.329 W/kg
Maximum value of SAR (measured) = 0.842 W/kg



0 dB = 0.833 W/kg

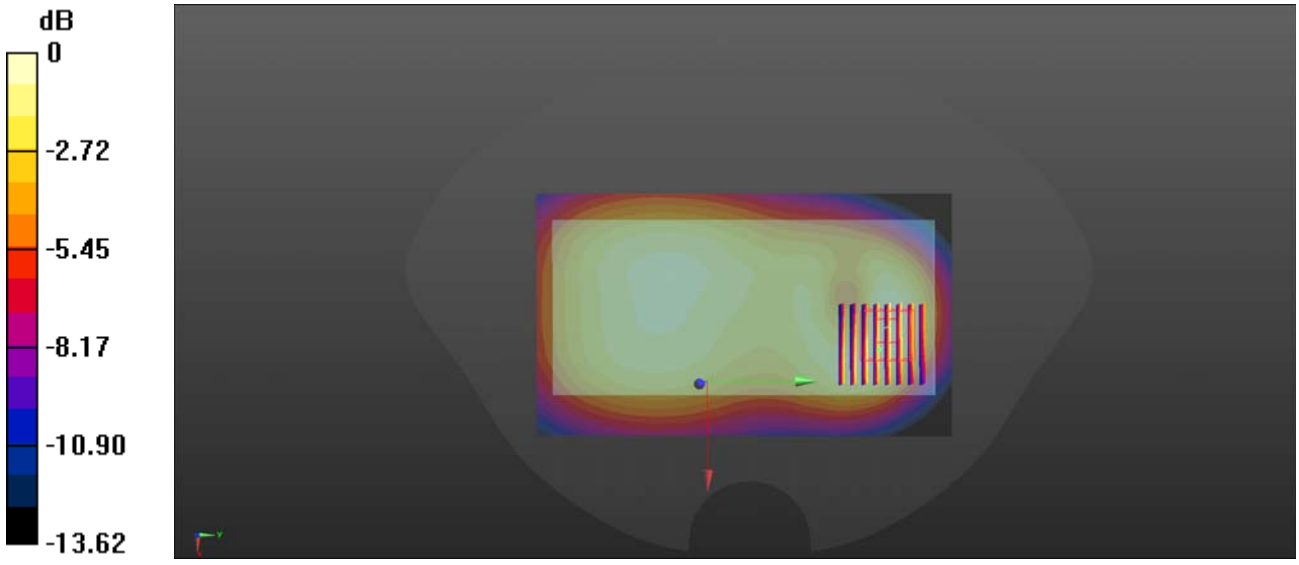
LTE Band 26 15M QPSK_1RB#0_body_face_side_CH26765_10mm

Communication System: UID 0, LTE Band 26 (0); Frequency: 821.5 MHz;Duty Cycle: 1:1
Medium: MSL_835 Medium parameters used: f = 821.5 MHz; σ = 1.029 S/m; ε_r = 52.235; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.69, 9.69, 9.69); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH26765/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.311 W/kg

CH26765/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.93 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.386 W/kg
SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.145 W/kg
Maximum value of SAR (measured) = 0.314 W/kg



0 dB = 0.311 W/kg

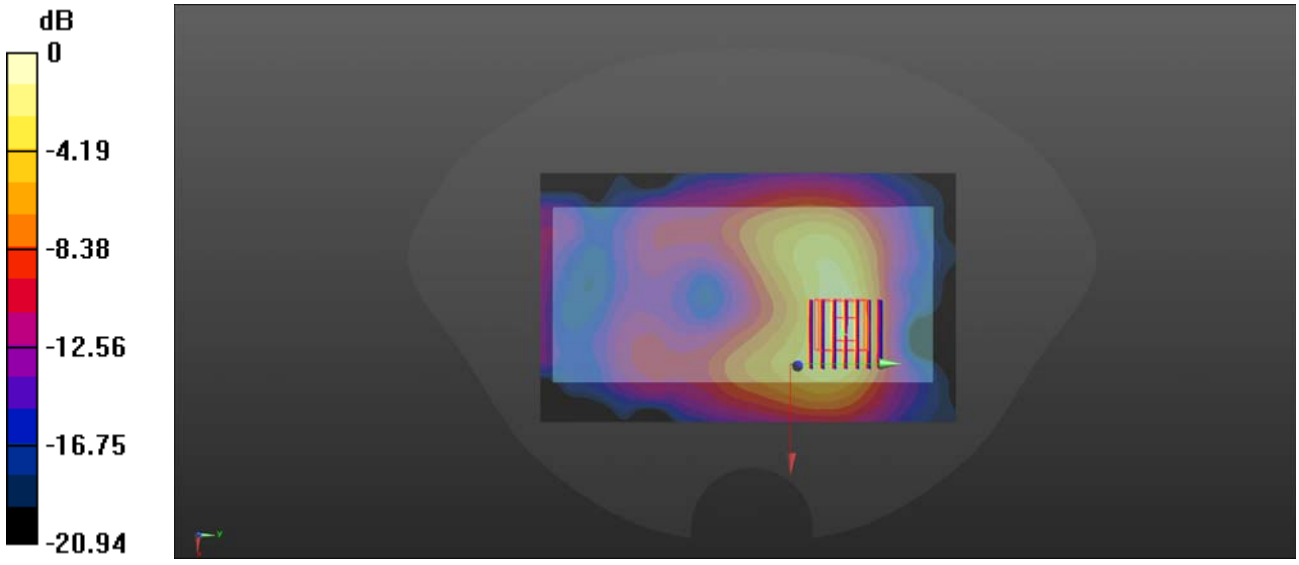
LTE Band 41 20M QPSK_1RB#49_body_back_side_CH41490_10mm

Communication System: UID 0, TDD-LTE Band41 -FCC (0); Frequency: 2680 MHz;Duty Cycle: 1:1
Medium: MSL_2600 Medium parameters used: f = 2680 MHz; σ = 2.254 S/m; ε_r = 52.422; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(6.96, 6.96, 6.96); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH41490/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.479 W/kg

CH41490/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.250 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.633 W/kg
SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.150 W/kg
Maximum value of SAR (measured) = 0.465 W/kg



0 dB = 0.479 W/kg

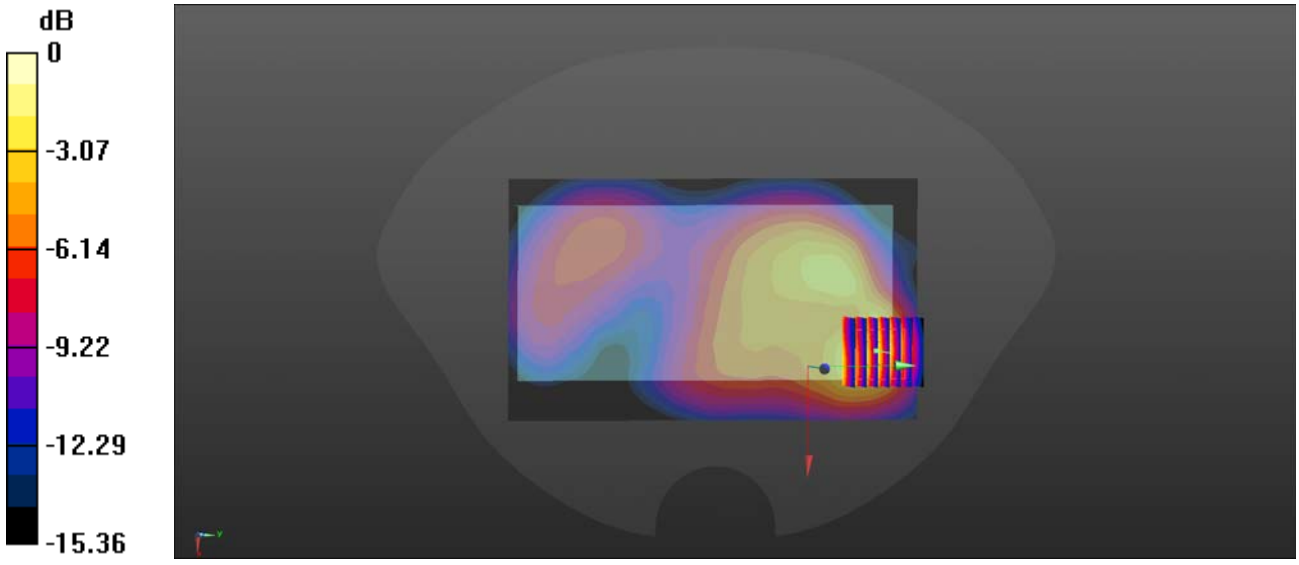
LTE Band 66 20M QPSK_1RB#49_body_face_side_CH132072_10mm

Communication System: UID 0, LTE BAND 66 (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: MSL_1750 Medium parameters used: f = 1720 MHz; σ = 1.502 S/m; ε_r = 51.847; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.93, 7.93, 7.93); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH132072/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.399 W/kg

CH132072/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.804 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.467 W/kg
SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 0.383 W/kg



0 dB = 0.399 W/kg

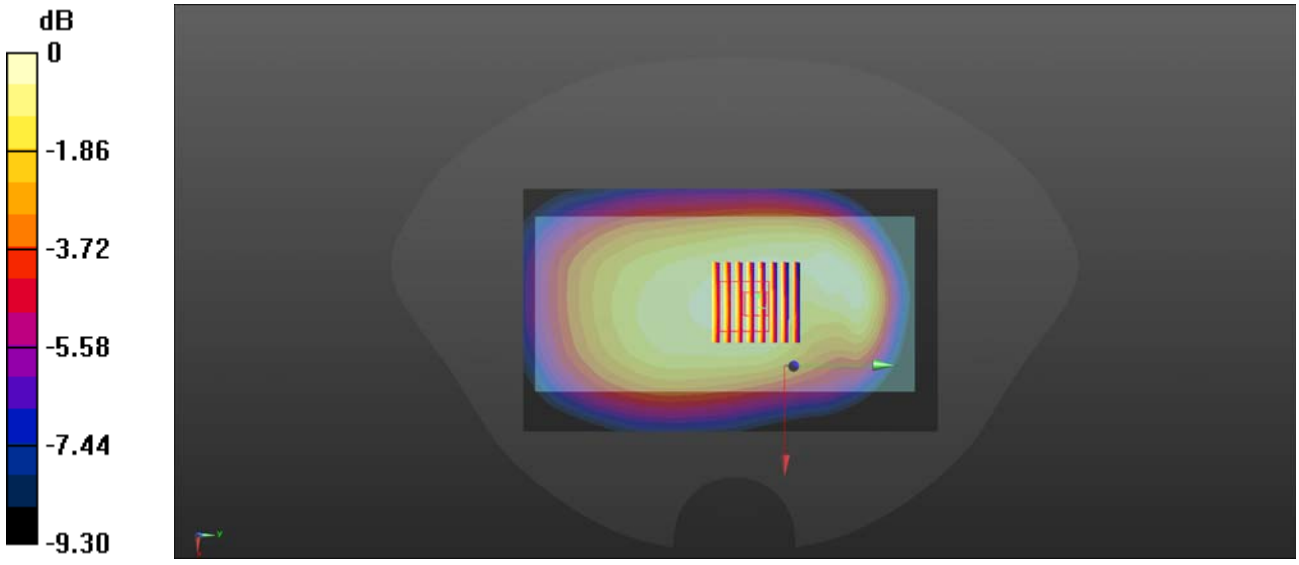
LTE Band 71 20M QPSK_1RB#49_body_back_side_CH133222_10mm

Communication System: UID 0, LTE Band 71 (0); Frequency: 673 MHz;Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: f = 673 MHz; σ = 0.88 S/m; ε_r = 55.253; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(10.05, 10.05, 10.05); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH133222/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.104 W/kg

CH133222/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.76 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.115 W/kg
SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.070 W/kg
Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.104 W/kg

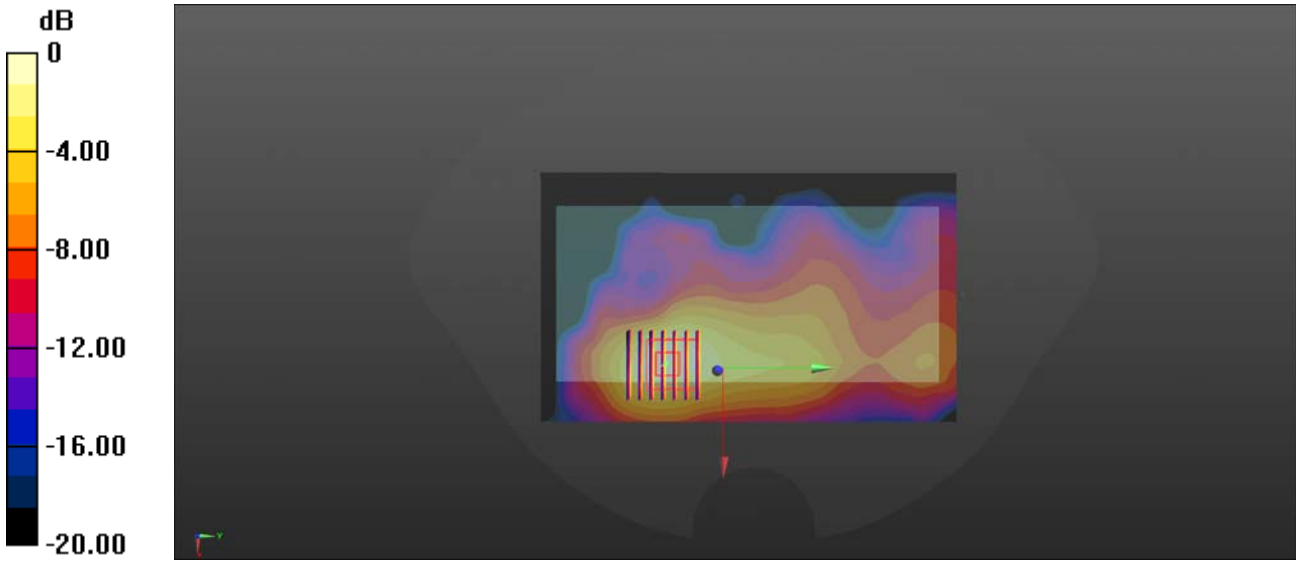
WLAN 2.4GHz 802.11b 1Mbps_body_face_side_CH11_10mm

Communication System: UID 0, WiFi (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MBBL 600-6G Medium parameters used: f = 2462 MHz; σ = 2.062 S/m; ε_r = 51.401; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.27, 7.27, 7.27); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

body/CH11/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.157 W/kg

body/CH11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.350 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.190 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.056 W/kg
Maximum value of SAR (measured) = 0.150 W/kg



0 dB = 0.157 W/kg

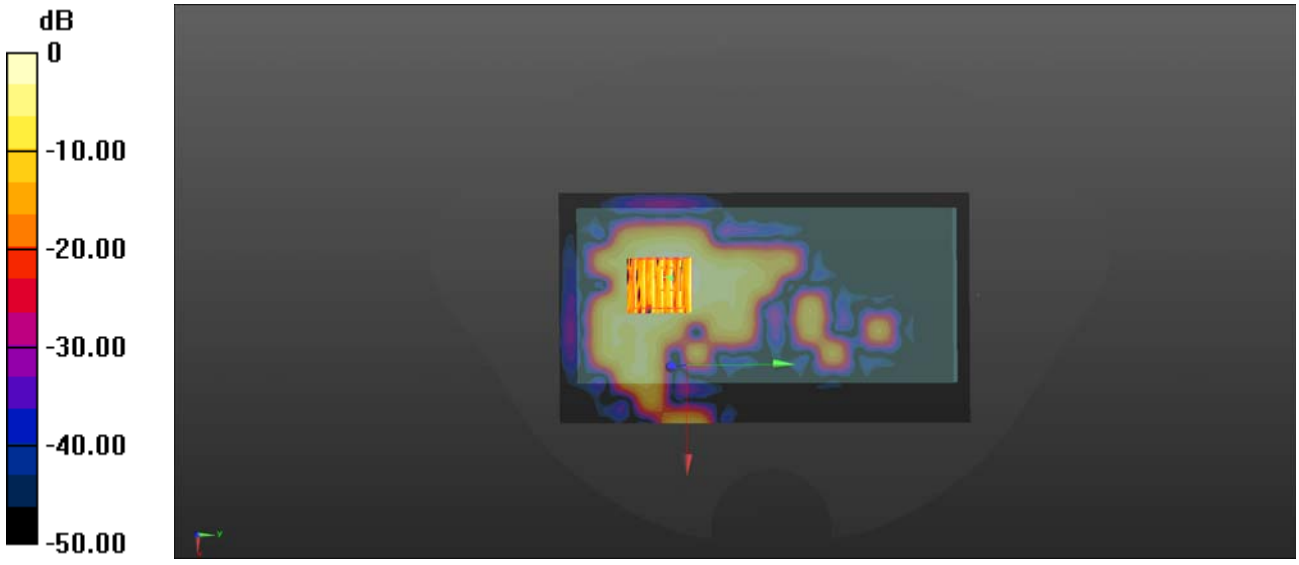
5G WLAN_Body_back side_CH36_10mm

Communication System: UID 0, 5G WIFI (0); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5250 Medium parameters used: f = 5180 MHz; σ = 5.105 S/m; ε_r = 49.263; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(4.57, 4.57, 4.57); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH36/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.168 W/kg

CH36/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.7420 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.323 W/kg
SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.033 W/kg
Maximum value of SAR (measured) = 0.181 W/kg



0 dB = 0.168 W/kg

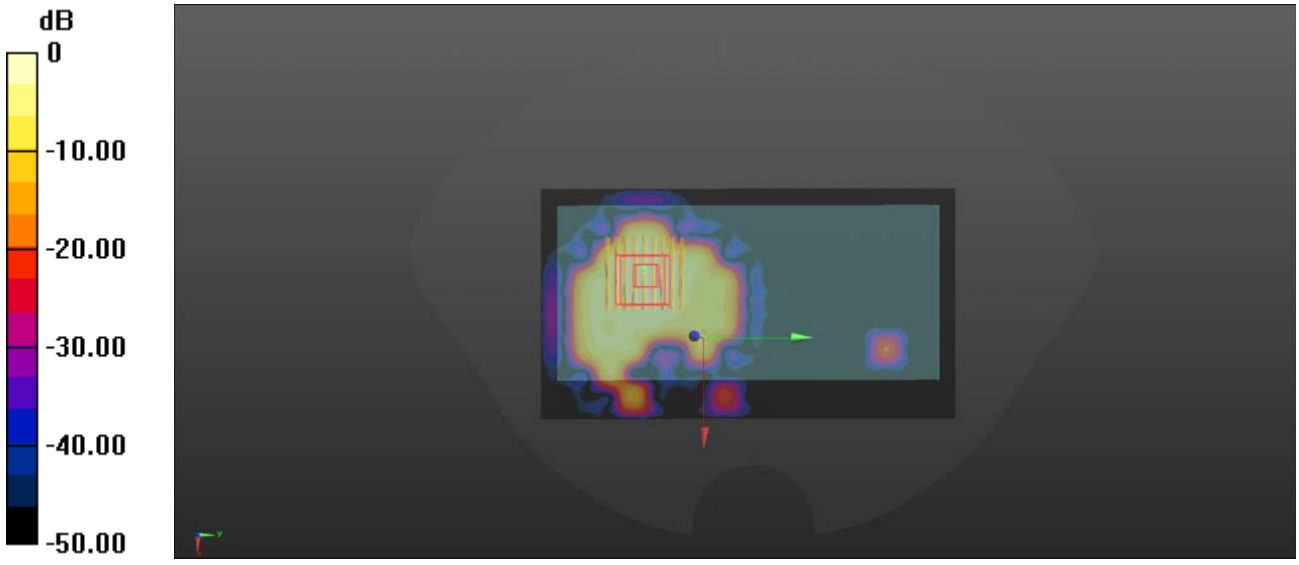
5G WLAN_Body_back side_CH60_10mm

Communication System: UID 0, 5G WIFI (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: MSL_5600 Medium parameters used: f = 5300 MHz; σ = 5.3 S/m; ε_r = 49.088; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(4.57, 4.57, 4.57); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH60/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.158 W/kg

CH60/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.8300 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.309 W/kg
SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.028 W/kg
Maximum value of SAR (measured) = 0.146 W/kg



0 dB = 0.146 W/kg

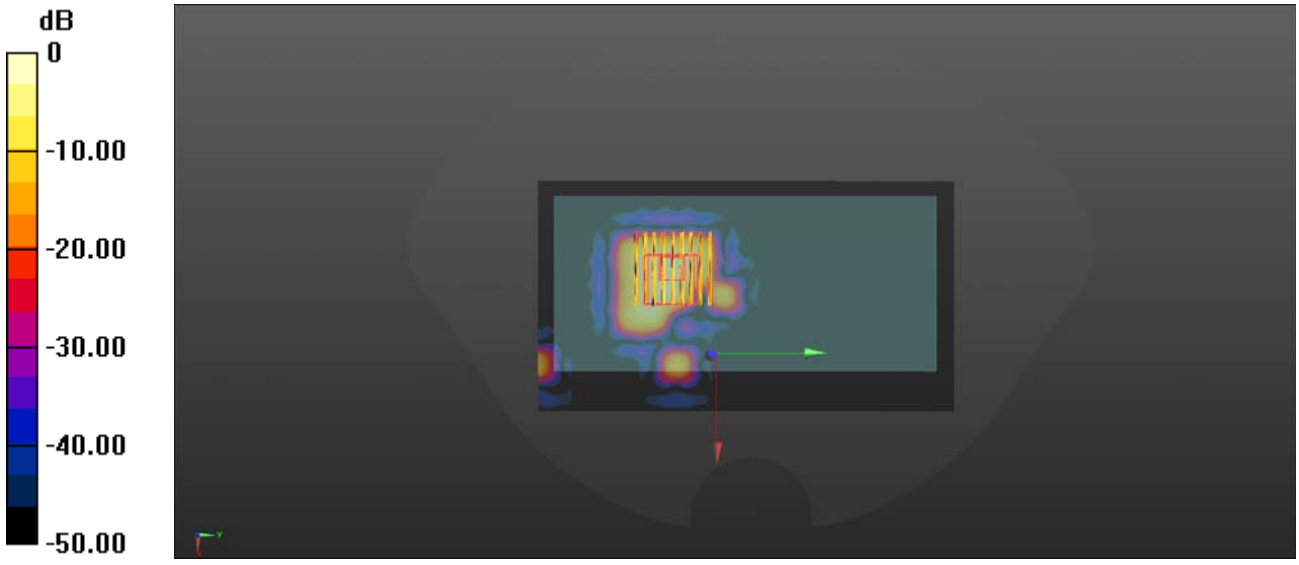
5G WLAN_Body_back side_CH149_10mm

Communication System: UID 0, 5G WIFI (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5750 Medium parameters used: f = 5745 MHz; σ = 5.759 S/m; ε_r = 46.438; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(3.99, 3.99, 3.99); Calibrated: 2018.09.04;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1922
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

CH149/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.115 W/kg

CH149/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.7170 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.012 W/kg
Maximum value of SAR (measured) = 0.0742 W/kg



0 dB = 0.115 W/kg = -9.39 dBW/kg