# Annex D Plots of Maximum SAR Test Results

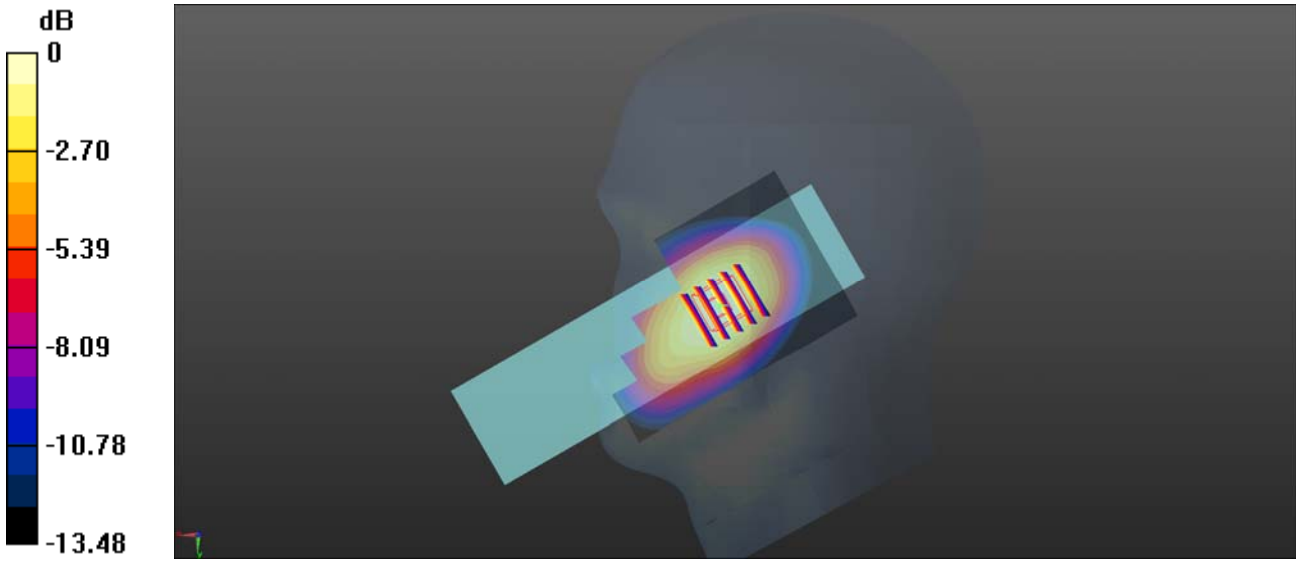
## GSM850_GPRS(2TX slots)_Right Cheek_Ch251

Communication System: UID 0, GSM850(class 10) (0); Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium: HSL_835 Medium parameters used: f = 849 MHz; $\sigma$ = 0.922 S/m; $\varepsilon_r$ = 41.003; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch251/Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.454 W/kg

**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.036 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.744 W/kg
**SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.230 W/kg**
Maximum value of SAR (measured) = 0.428 W/kg




0 dB = 0.454 W/kg

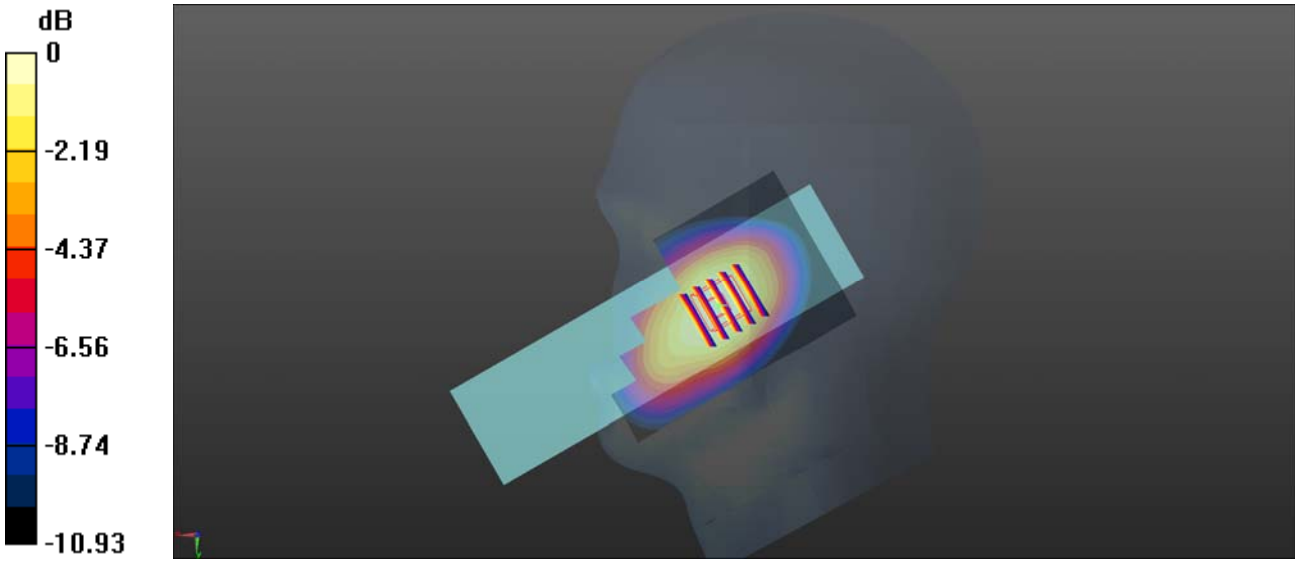
## GSM1900_GPRS(3 TX slots)_Right Cheek_Ch810

Communication System: UID 0, PCS1900(class 11) (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: HSL_1900 Medium parameters used: f = 1910 MHz; $\sigma$ = 1.381 S/m; $\varepsilon_r$ = 39.997; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); 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) = 0.0810 W/kg

**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.927 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.102 W/kg
**SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.053 W/kg**
Maximum value of SAR (measured) = 0.0783 W/kg




0 dB = 0.0810 W/kg

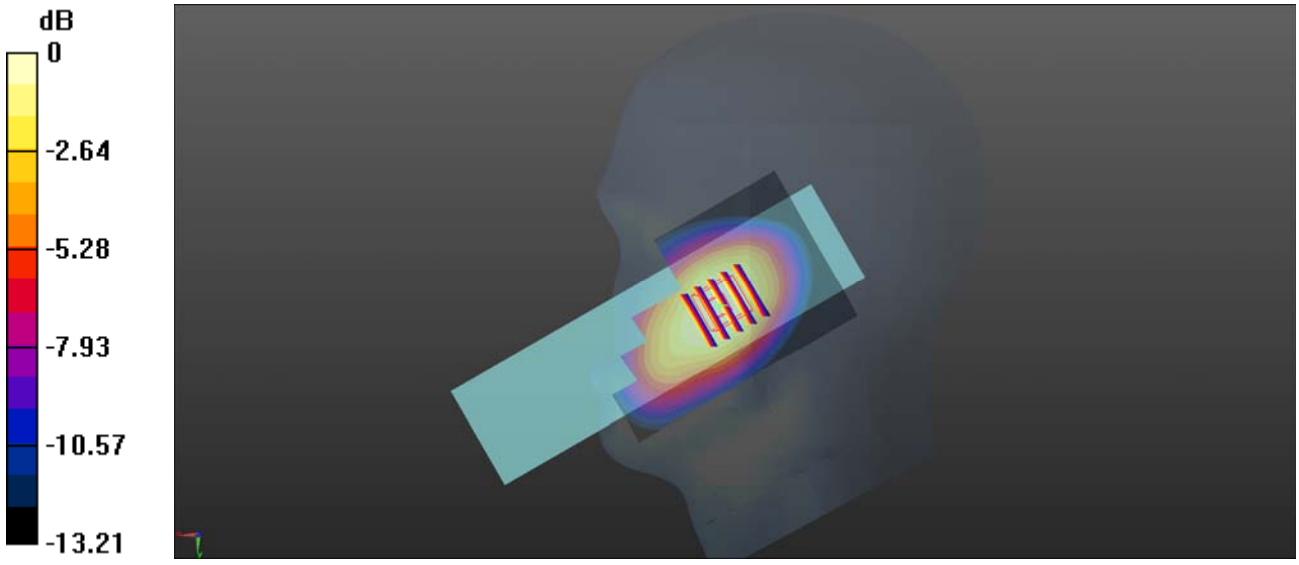
## WCDMA Band II_RMC 12.2Kbps_Right Cheek_Ch9262

Communication System: UID 0, UMTS-FDD (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1852.4 MHz; $\sigma$ = 1.33 S/m; $\varepsilon_r$ = 40.069; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9262/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.339 W/kg

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.603 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.440 W/kg
**SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.214 W/kg**
Maximum value of SAR (measured) = 0.330 W/kg




0 dB = 0.339 W/kg

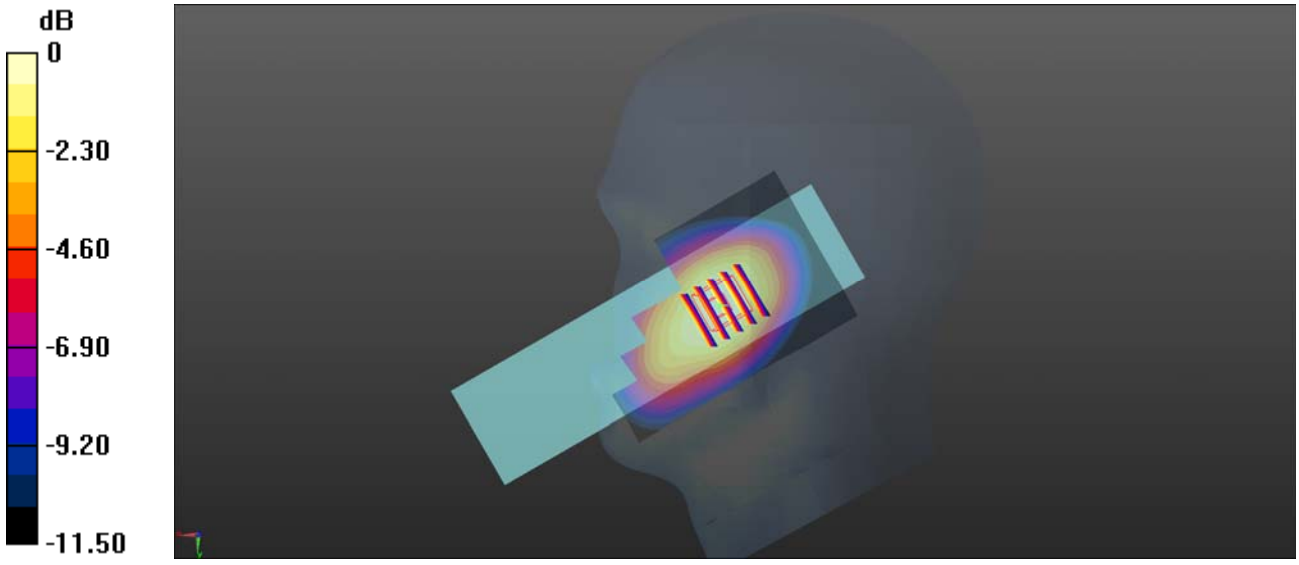
## WCDMA Band IV_RMC 12.2Kbps_Right Cheek_Ch1513

Communication System: UID 0, UMTS-FDD (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1753 MHz; $\sigma$ = 1.42 S/m; $\varepsilon_r$ = 39.42; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.98, 7.98, 7.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1513/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.269 W/kg

**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.405 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.337 W/kg
**SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.178 W/kg**
Maximum value of SAR (measured) = 0.266 W/kg




0 dB = 0.269 W/kg

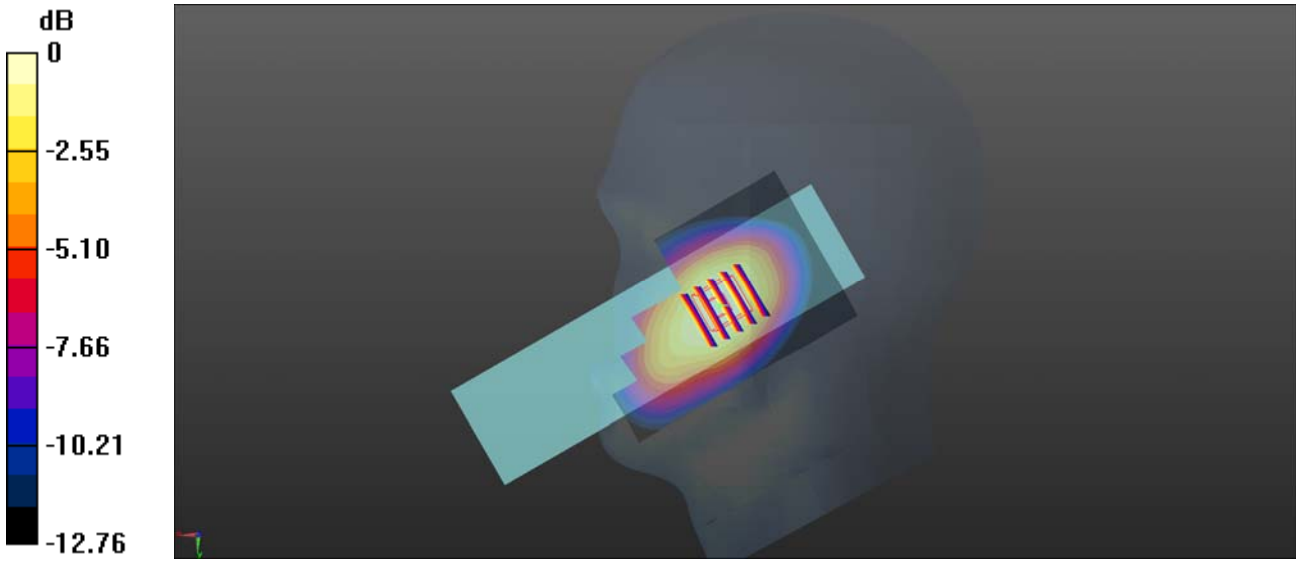
## WCDMA Band V_RMC 12.2Kbps_Right Cheek_Ch4183

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 837 MHz; $\sigma$ = 0.905 S/m; $\varepsilon_r$ = 40.944; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4183/Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.386 W/kg

**Ch4183/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.027 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.605 W/kg
**SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.212 W/kg**
Maximum value of SAR (measured) = 0.380 W/kg




0 dB = 0.386 W/kg

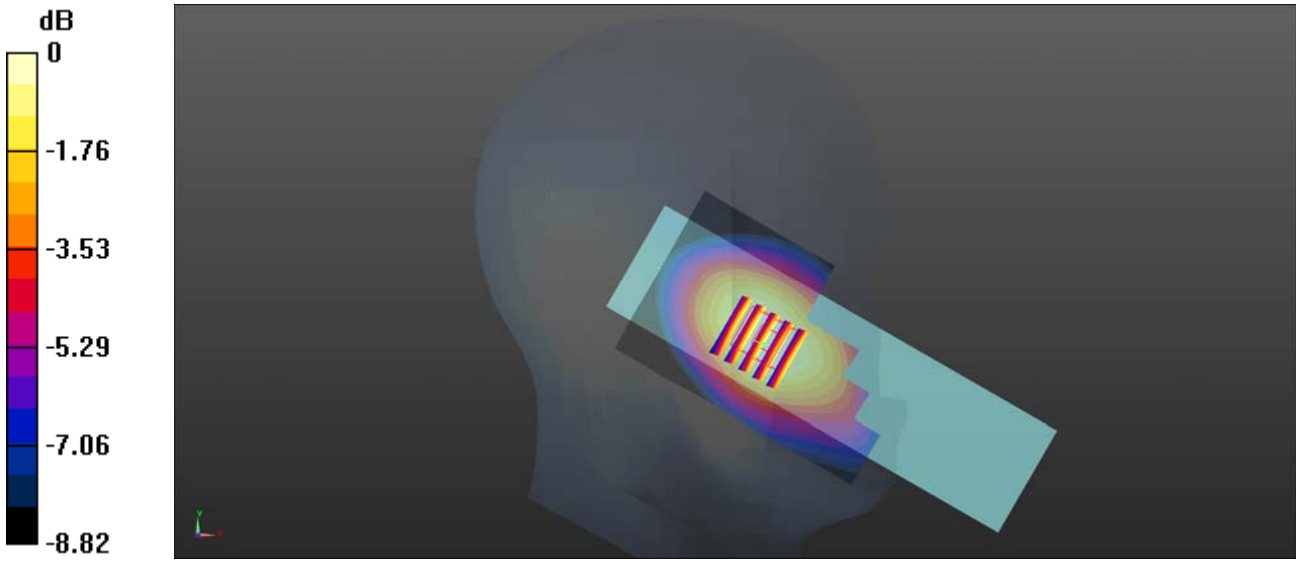
## CDMA2000 BC0_RC3 SO55_Left Cheek_Ch384

Communication System: UID 0, CDMA 2000 (0); Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 837 MHz; $\sigma$ = 0.905 S/m; $\varepsilon_r$ = 40.944; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); 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) = 0.365 W/kg

**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.877 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.458 W/kg
**SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.267 W/kg**
Maximum value of SAR (measured) = 0.379 W/kg




0 dB = 0.365 W/kg

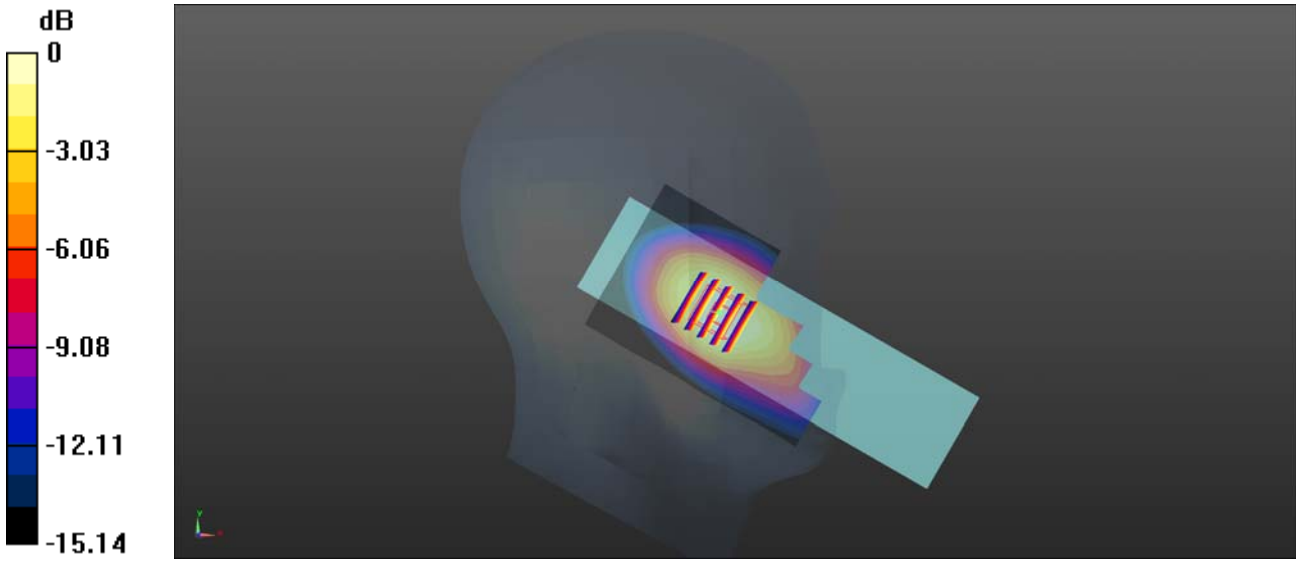
## CDMA2000 BC1_RC3 SO55_Left Cheek_Ch600

Communication System: UID 0, CDMA 2000 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.366 S/m; $\varepsilon_r$ = 40.167; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch600/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.315 W/kg

**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.522 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.447 W/kg
**SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.181 W/kg**
Maximum value of SAR (measured) = 0.305 W/kg




0 dB = 0.315 W/kg

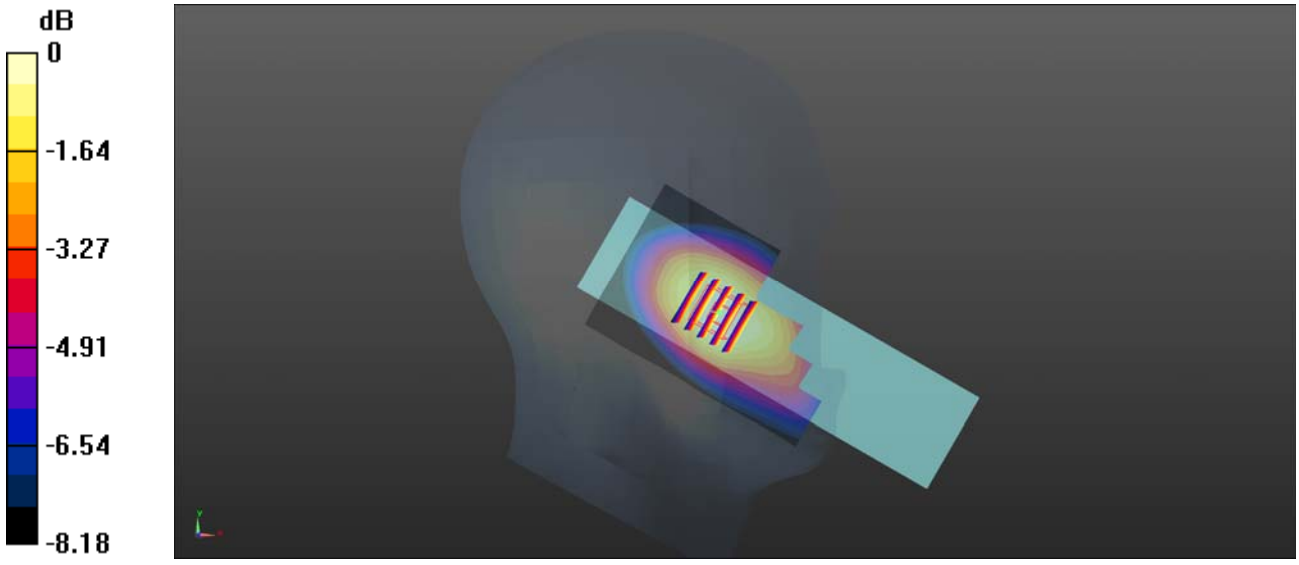
## CDMA2000 BC10_RC3 SO55_Left Cheek_Ch684

Communication System: UID 0, CDMA 2000 (0); Frequency: 823.1 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 823.1 MHz; $\sigma$ = 0.891 S/m; $\varepsilon_r$ = 41.205; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch684/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.359 W/kg

**Ch684/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.258 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.410 W/kg
**SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.245 W/kg**
Maximum value of SAR (measured) = 0.345 W/kg




0 dB = 0.359 W/kg

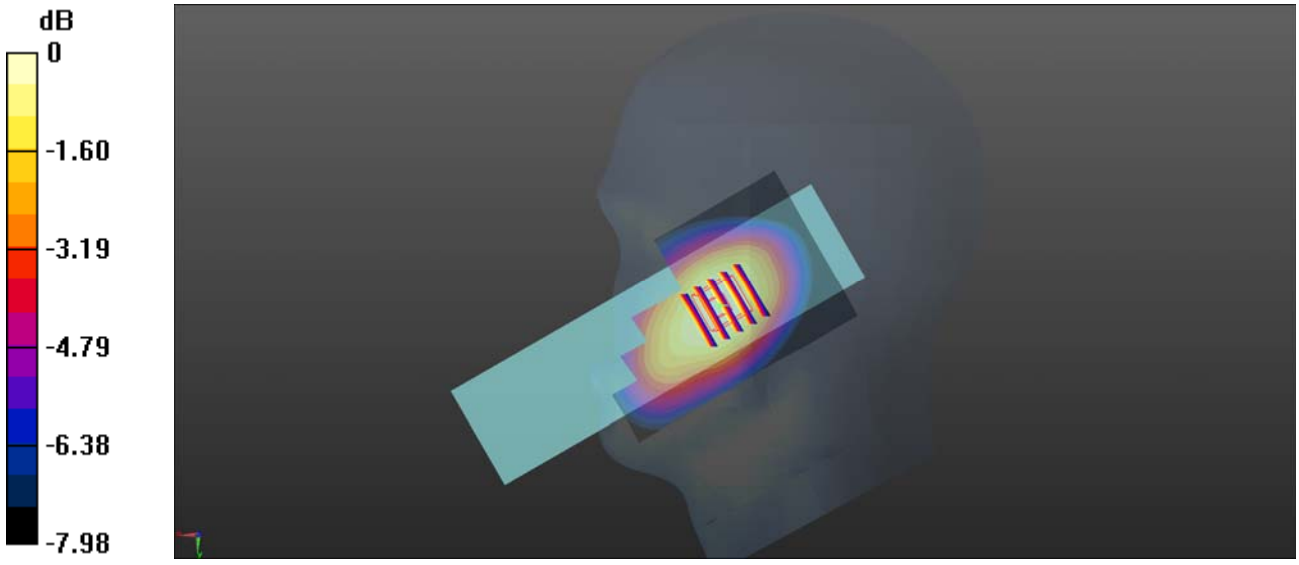
## LTE Band 2_20MHz_QPSK_1RB_49Offset_Right Cheek_Ch18700

Communication System: UID 0, LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1860 MHz; $\sigma$ = 1.341 S/m; $\varepsilon_r$ = 40.084; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); 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) = 0.0657 W/kg

**Ch18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.445 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0890 W/kg
**SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.043 W/kg**
Maximum value of SAR (measured) = 0.0662 W/kg




0 dB = 0.0657 W/kg

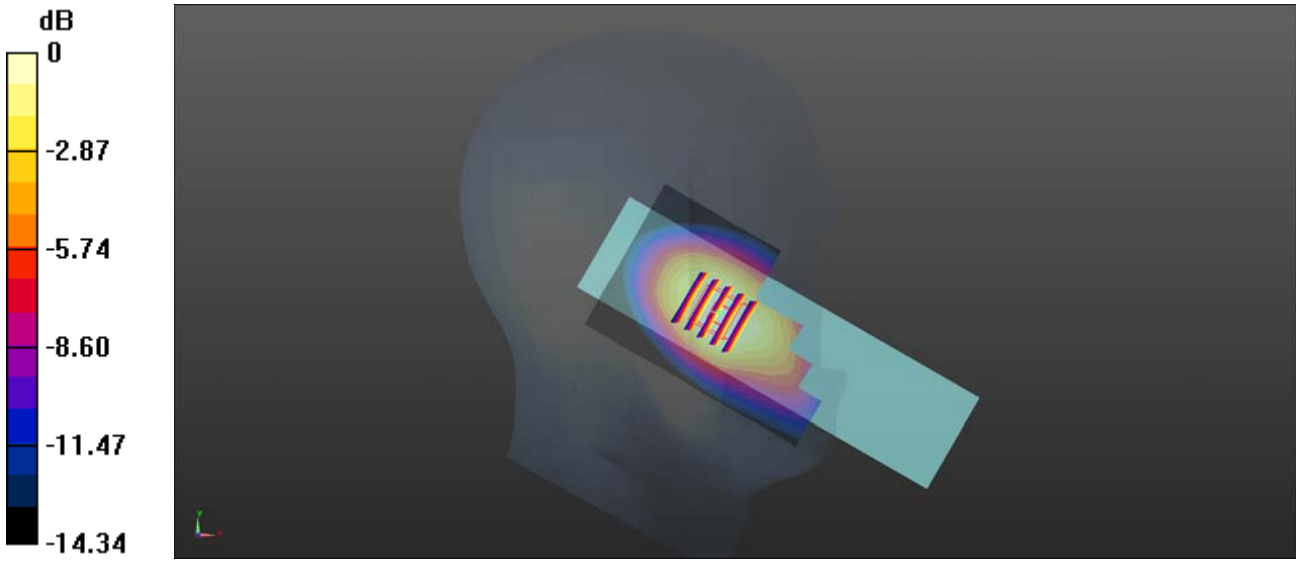
## LTE Band 4_20MHz_QPSK_1RB_0Offset_Left Cheek_Ch20050

Communication System: UID 0, LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1720 MHz; $\sigma$ = 1.352 S/m; $\varepsilon_r$ = 39.438; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.98, 7.98, 7.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20050/Area Scan (61x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.327 W/kg

**Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.635 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.484 W/kg
**SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.203 W/kg**
Maximum value of SAR (measured) = 0.345 W/kg




0 dB = 0.327 W/kg

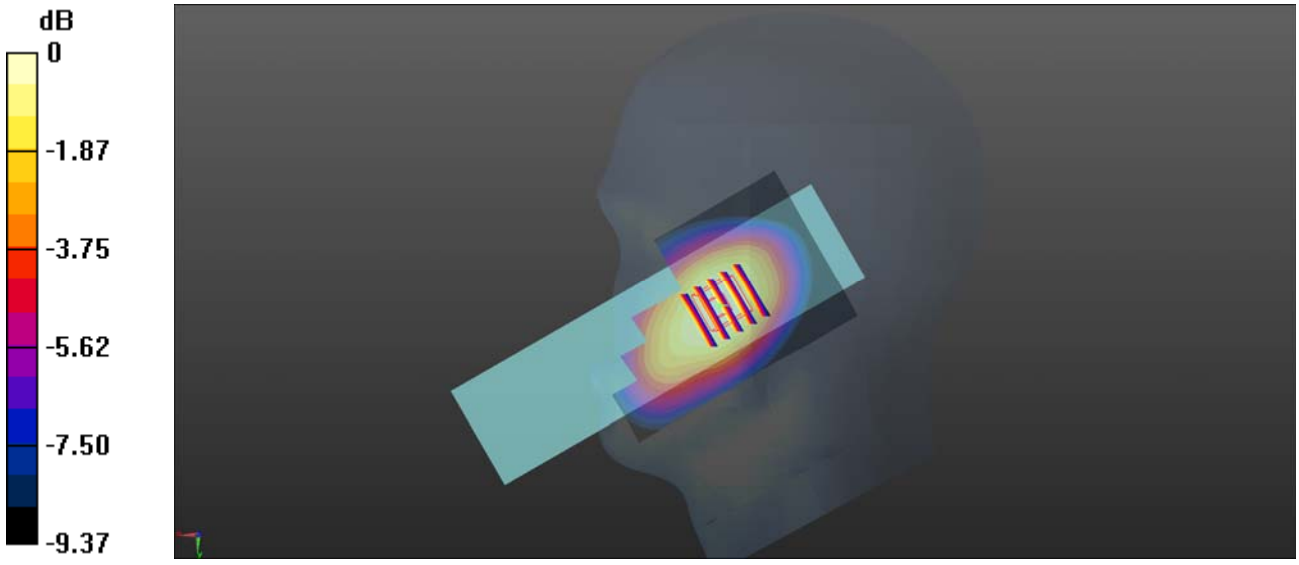
## LTE Band 5_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch20600

Communication System: UID 0, LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 844 MHz; $\sigma$ = 0.914 S/m; $\varepsilon_r$ = 40.968; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20600/Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.386 W/kg

**Ch20600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.896 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.524 W/kg
**SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.245 W/kg**
Maximum value of SAR (measured) = 0.378 W/kg




0 dB = 0.386 W/kg

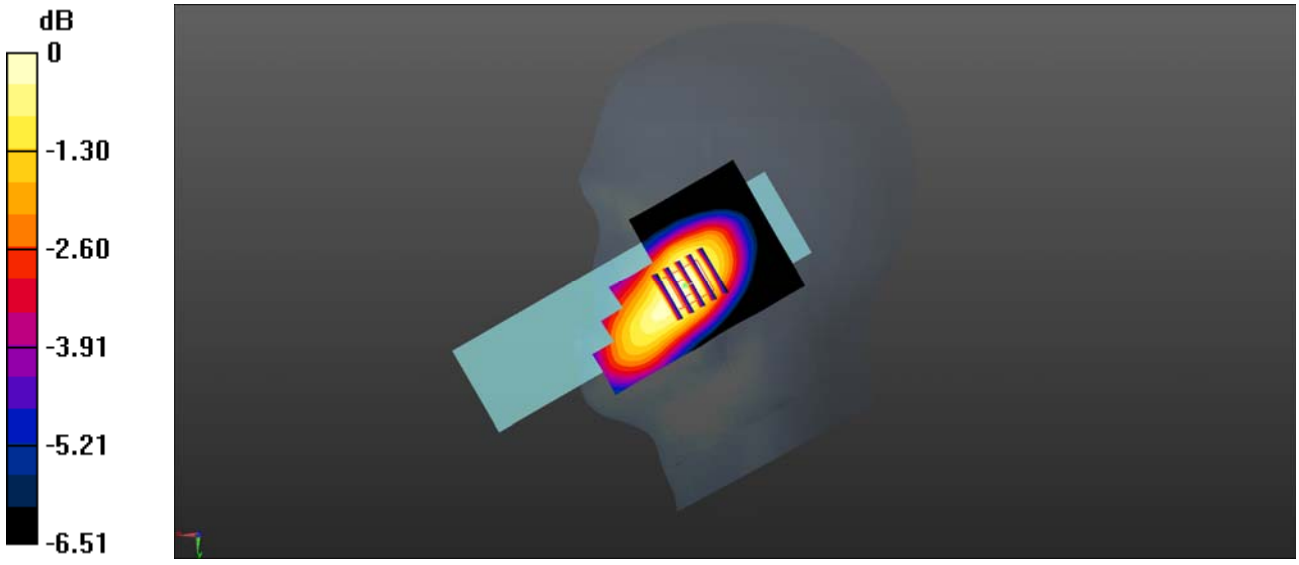
## LTE Band 12_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used (interpolated): f = 707.5 MHz; $\sigma$ = 0.919 S/m; $\varepsilon_r$ = 42.233; $\rho$ = 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23095/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0448 W/kg

**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.858 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.0590 W/kg
**SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.035 W/kg**
Maximum value of SAR (measured) = 0.0483 W/kg




0 dB = 0.0448 W/kg

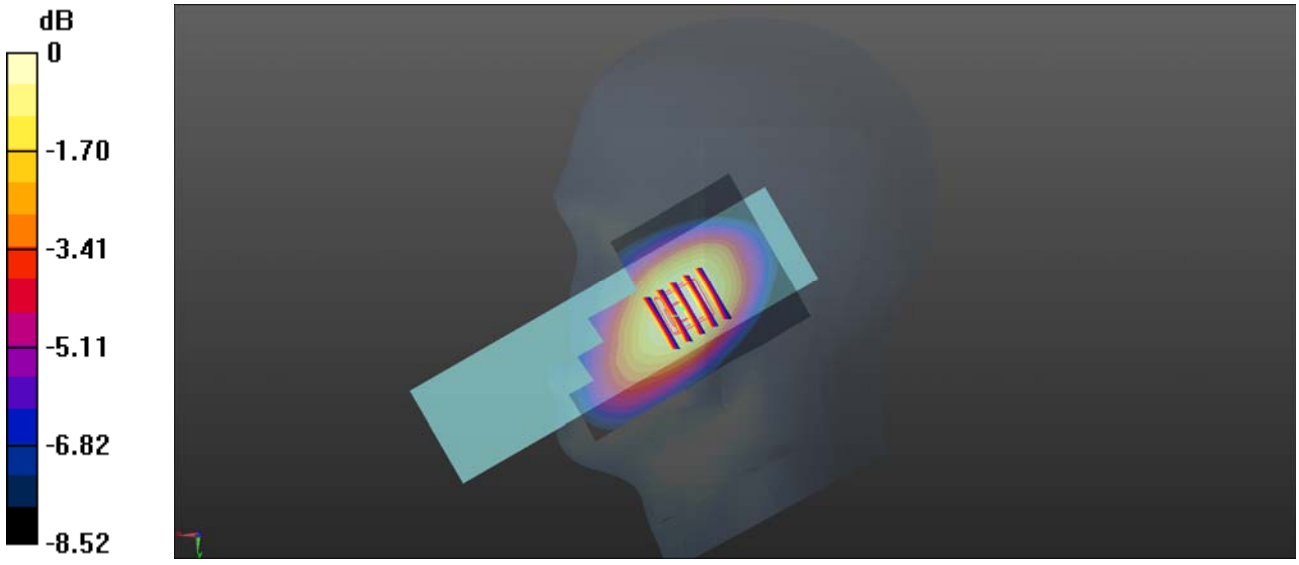
## LTE Band 13_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; $\sigma$ = 0.938 S/m; $\varepsilon_r$ = 42.016; $\rho$ = 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); 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) = 0.208 W/kg

**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.297 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.229 W/kg
**SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.142 W/kg**
Maximum value of SAR (measured) = 0.196 W/kg




0 dB = 0.208 W/kg

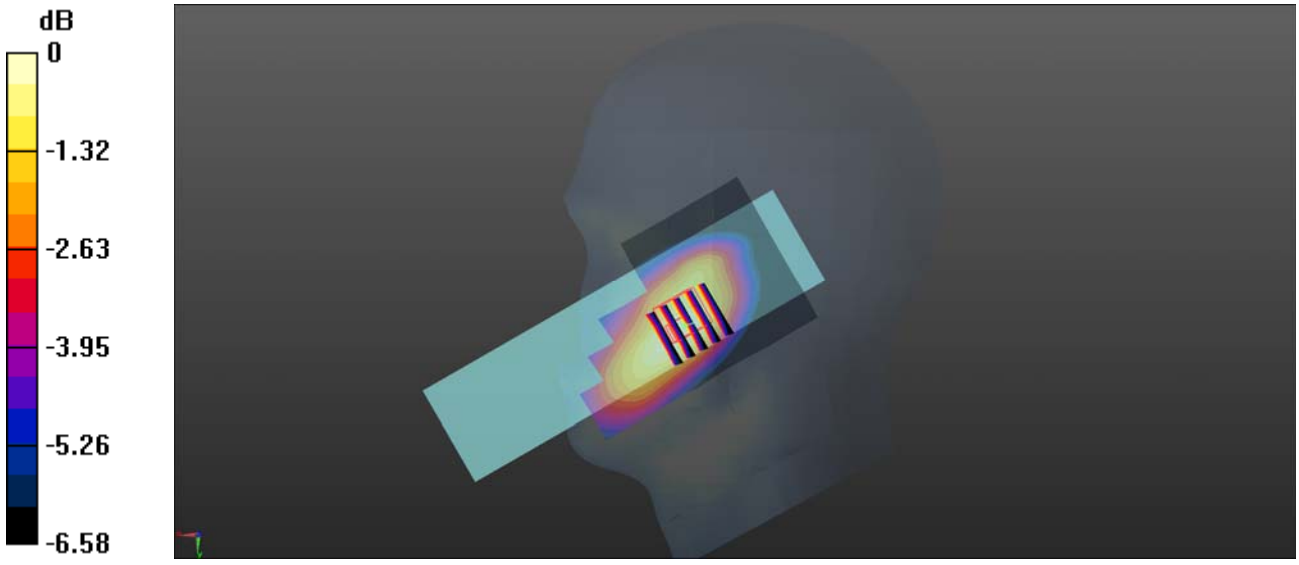
## LTE Band 17_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch23790

Communication System: UID 0, LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 710 MHz; $\sigma$ = 0.919 S/m; $\varepsilon_r$ = 42.203; $\rho$ = 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23790/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0478 W/kg

**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.767 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.0520 W/kg
**SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.029 W/kg**
Maximum value of SAR (measured) = 0.0413 W/kg




0 dB = 0.0478 W/kg

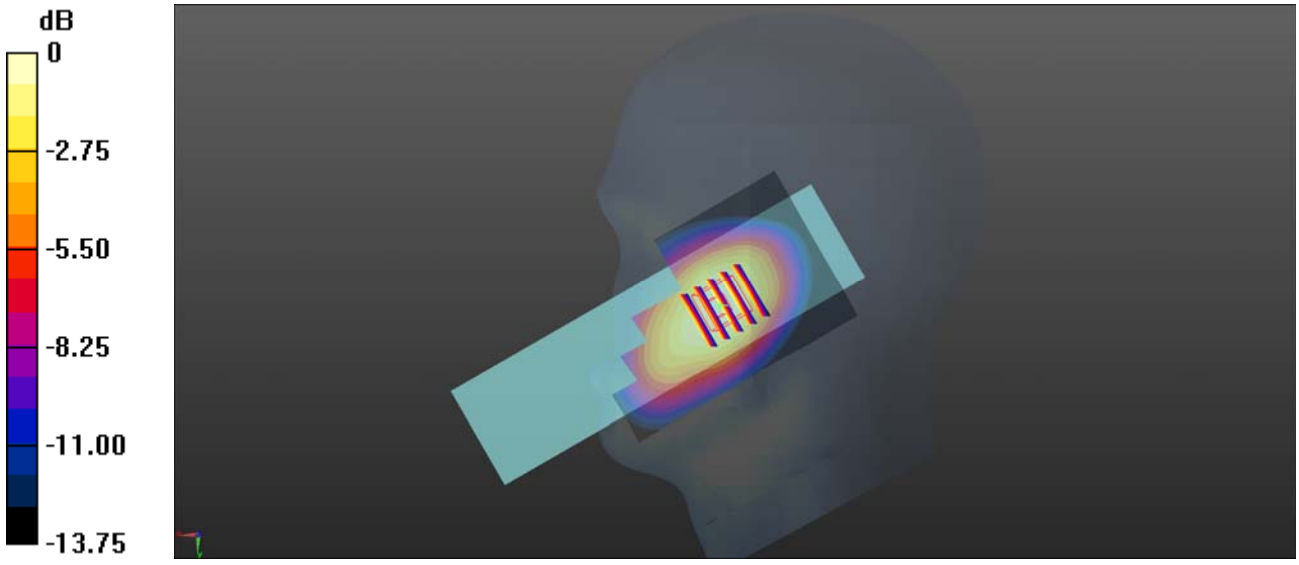
## LTE Band 25_20MHz_QPSK_1RB_49Offset_Right Cheek_Ch26140

Communication System: UID 0, LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1860 MHz; $\sigma$ = 1.341 S/m; $\varepsilon_r$ = 40.084; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃； Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); 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) = 0.0688 W/kg

**Ch26140/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.082 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.0930 W/kg
**SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.045 W/kg**
Maximum value of SAR (measured) = 0.0682 W/kg




0 dB = 0.0688 W/kg = -11.63 dBW/kg

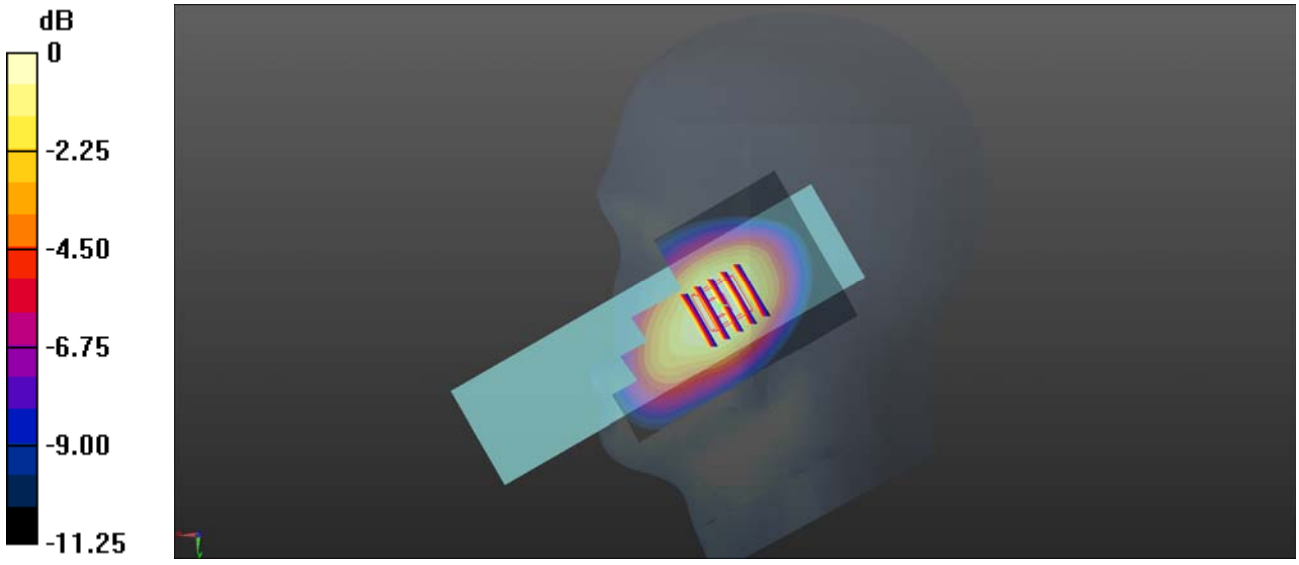
## LTE Band 26_15MHz_QPSK_1RB_0Offset_Right Cheek_Ch26765

Communication System: UID 0, LTE (0); Frequency: 821.5 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 821.5 MHz; $\sigma$ = 0.89 S/m; $\varepsilon_r$ = 41.334; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26765/Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.494 W/kg

**Ch26765/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.280 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.673 W/kg
**SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.319 W/kg**
Maximum value of SAR (measured) = 0.494 W/kg




0 dB = 0.494 W/kg

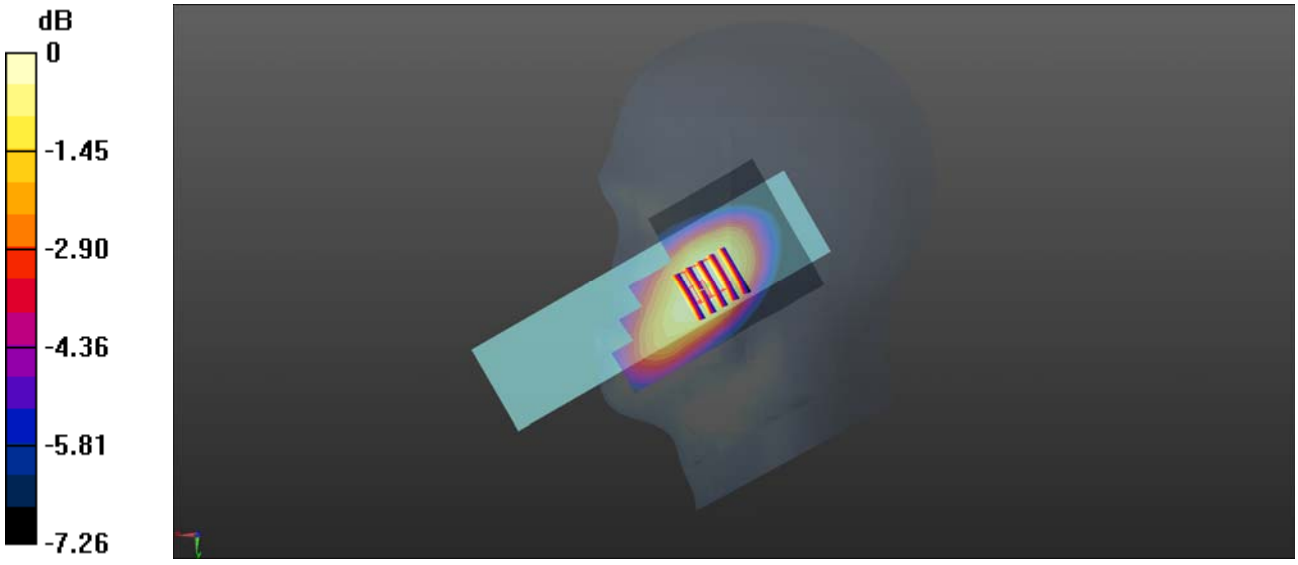
## LTE Band 28_20MHz_QPSK_1RB_49Offset_Right Cheek_Ch27310

Communication System: UID 0, LTE (0); Frequency: 713 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 713 MHz; $\sigma$ = 0.925 S/m; $\varepsilon_r$ = 42.133; $\rho$ = 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch27310/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0654 W/kg

**Ch27310/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.201 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0870 W/kg
**SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.050 W/kg**
Maximum value of SAR (measured) = 0.0715 W/kg




0 dB = 0.0654 W/kg

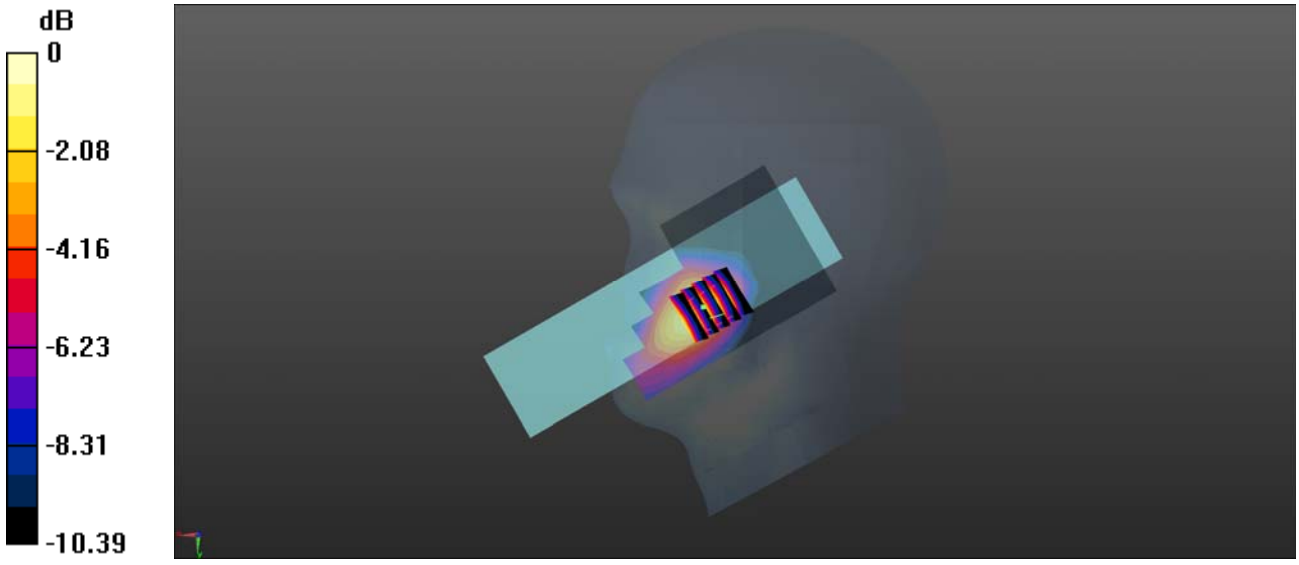
## LTE Band 30_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch27710

Communication System: UID 0, LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: HSL_2300 Medium parameters used: f = 2310 MHz; $\sigma$ = 1.636 S/m; $\varepsilon_r$ = 39.858; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.55, 7.55, 7.55); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch27710/Area Scan (61x121x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.166 W/kg

**Ch27710/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.201 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.246 W/kg
**SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.083 W/kg**
Maximum value of SAR (measured) = 0.149 W/kg




0 dB = 0.166 W/kg

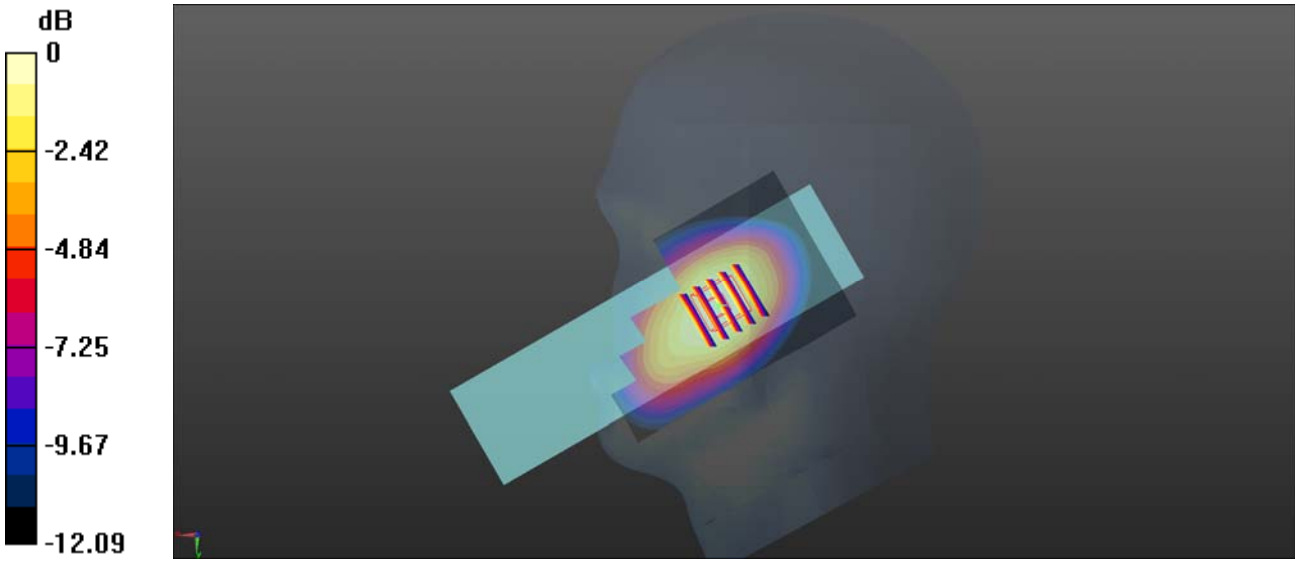
## LTE Band 41_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch40620

Communication System: UID 0, LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2593 MHz; $\sigma$ = 1.95 S/m; $\varepsilon_r$ = 38.523; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(6.98, 6.98, 6.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch40620/Area Scan (61x121x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0628 W/kg

**Ch40620/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.645 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0750 W/kg
**SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.041 W/kg**
Maximum value of SAR (measured) = 0.0589 W/kg




0 dB = 0.0628 W/kg

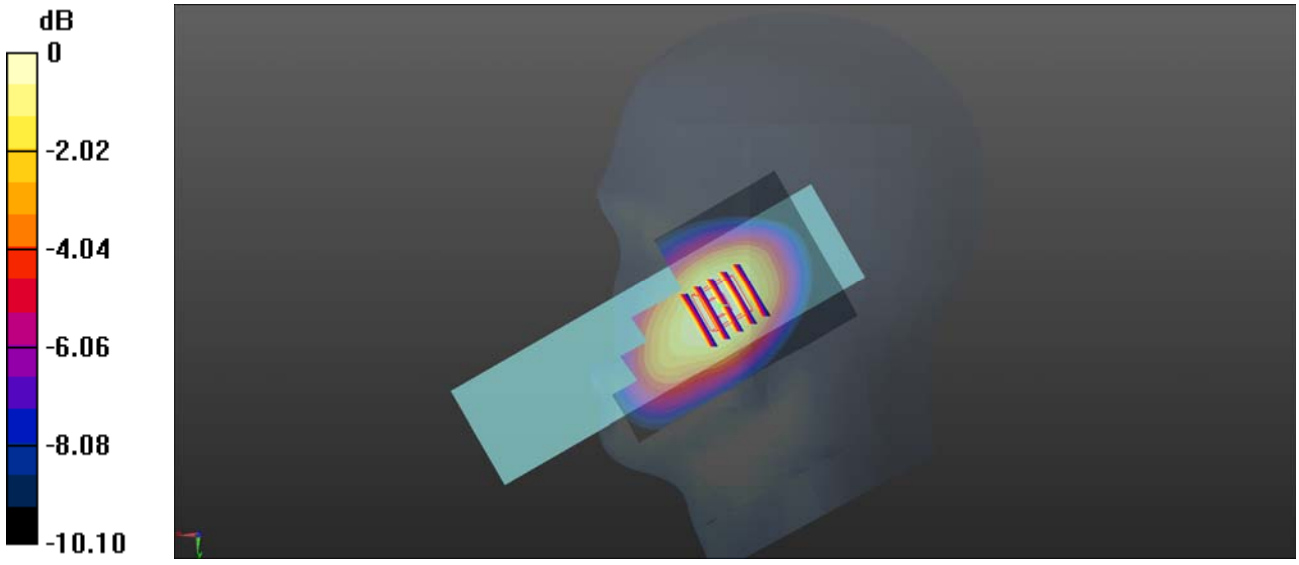
## LTE Band 66_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch132322

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1745 MHz; $\sigma$ = 1.407 S/m; $\varepsilon_r$ = 39.406; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.98, 7.98, 7.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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 (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0853 W/kg

**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.812 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.111 W/kg
**SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.058 W/kg**
Maximum value of SAR (measured) = 0.0884 W/kg




0 dB = 0.0853 W/kg

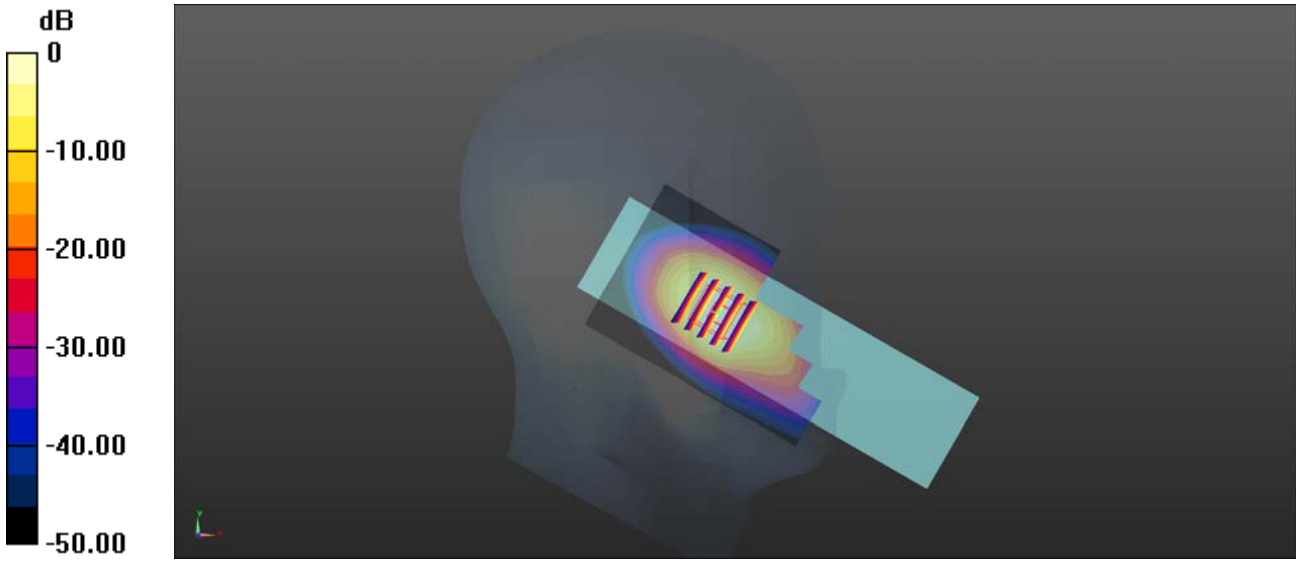
## LTE Band 71_20MHz_QPSK_1RB_0Offset_Left Cheek_Ch133222

Communication System: UID 0, LTE (0); Frequency: 673 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 673 MHz; $\sigma$ = 0.909 S/m; $\varepsilon_r$ = 42.403; $\rho$ = 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); 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) = 0.0273 W/kg

**Ch133222/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.880 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0370 W/kg
**SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.019 W/kg**
Maximum value of SAR (measured) = 0.0280 W/kg




0 dB = 0.0273 W/kg

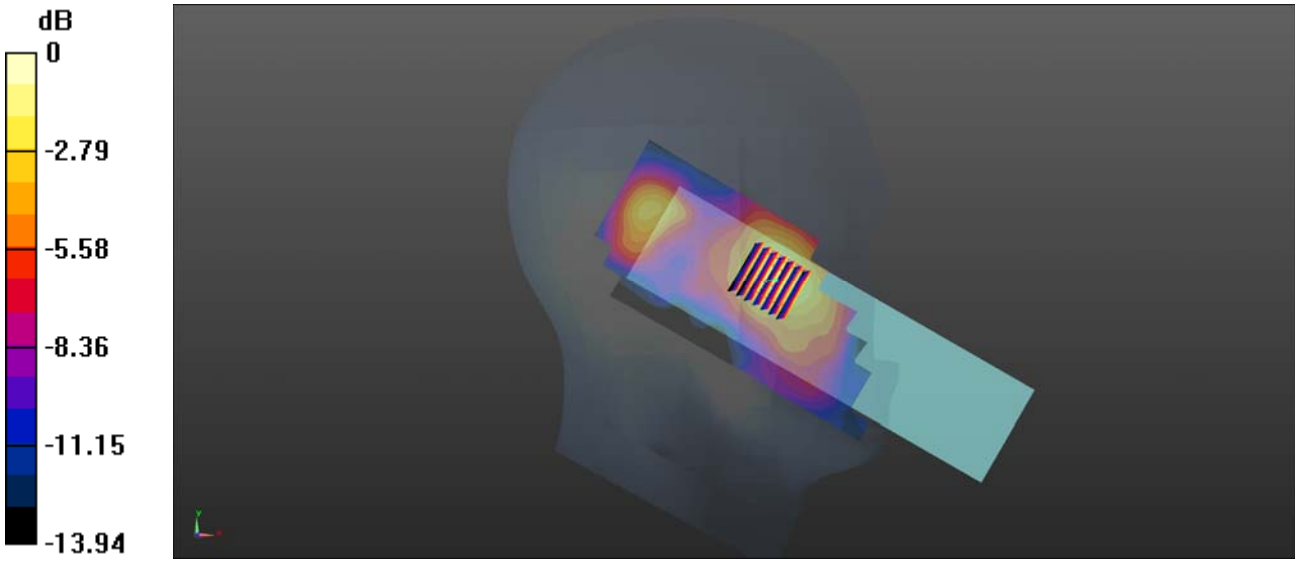
## WLAN 2.4GHz_802.11b 1Mbps_Left Cheek_Ch6

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: f = 2437 MHz; $\sigma$ = 1.782 S/m; $\varepsilon_r$ = 39.378; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.34, 7.34, 7.34); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch6/Area Scan (71x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0464 W/kg

**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.966 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.0790 W/kg
**SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.023 W/kg**
Maximum value of SAR (measured) = 0.0460 W/kg




0 dB = 0.0464 W/kg

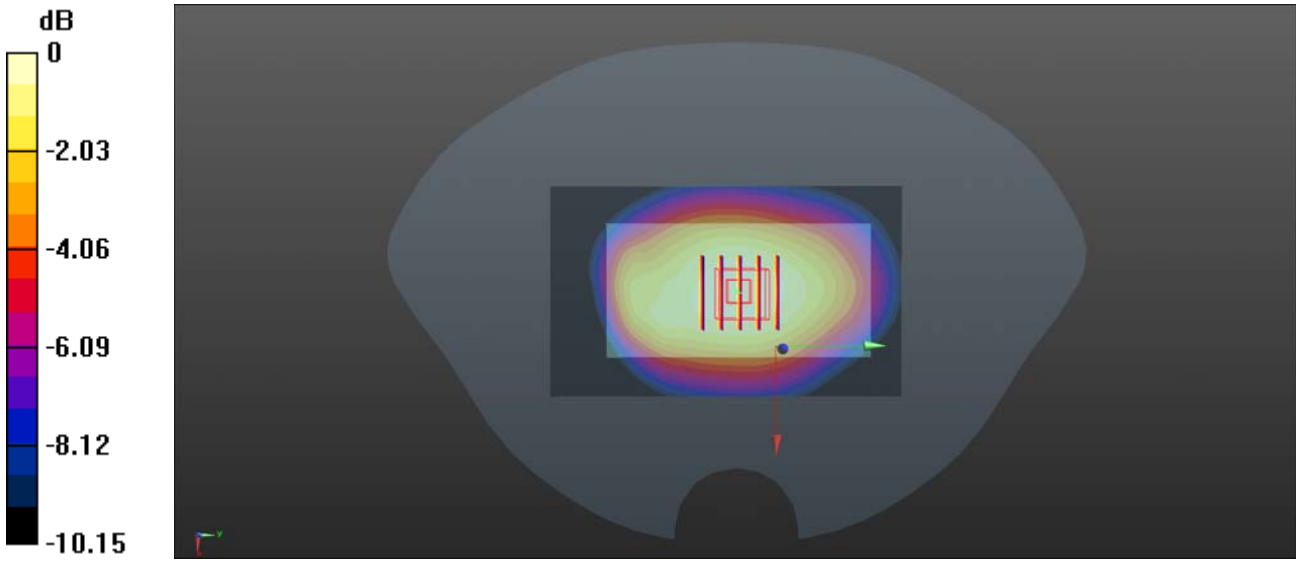
## GSM850_GPRS(2TX slots)_Back Side_10mm_Ch189

Communication System: UID 0, GSM850(class 10) (0); Frequency: 836.4 MHz;Duty Cycle: 1:4.15
Medium: HSL_835 Medium parameters used: f = 836.4 MHz; $\sigma$ = 0.904 S/m; $\varepsilon_r$ = 41.033; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch189/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.857 W/kg

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.90 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.04 W/kg
**SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.596 W/kg**
Maximum value of SAR (measured) = 0.853 W/kg




0 dB = 0.857 W/kg

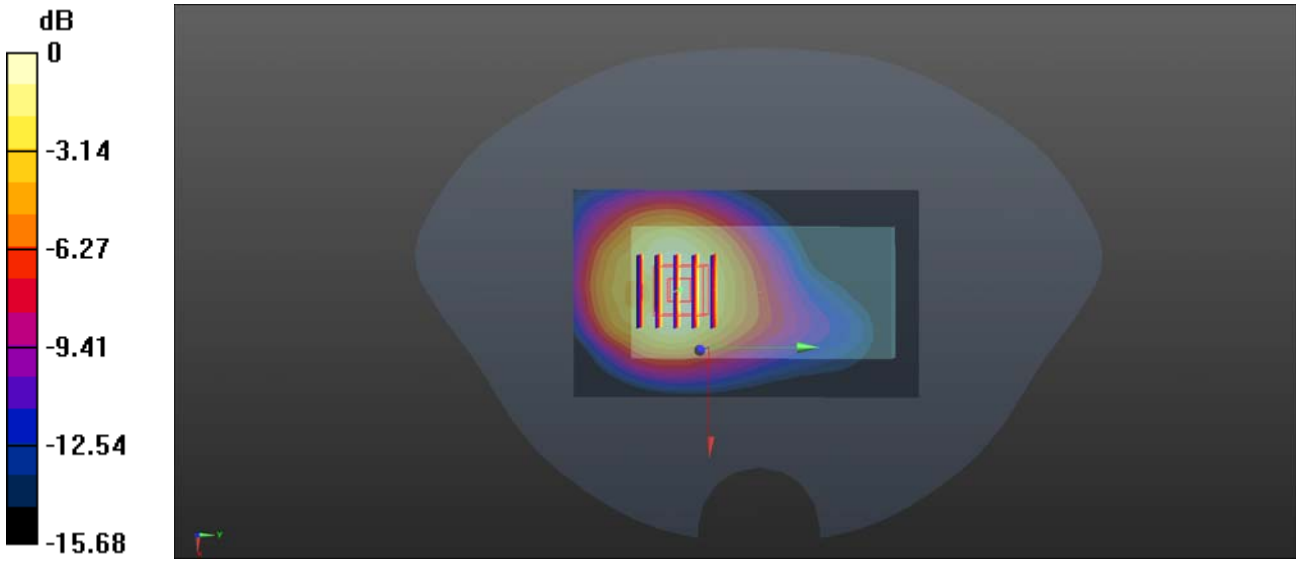
## GSM1900_GPRS(3 TX slots)_Back Side_10mm_Ch810

Communication System: UID 0, PCS1900(class 11) (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: HSL_1900 Medium parameters used: f = 1910 MHz; $\sigma$ = 1.381 S/m; $\varepsilon_r$ = 39.997; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch810/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.971 W/kg

**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.87 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.54 W/kg
**SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.535 W/kg**
Maximum value of SAR (measured) = 0.978 W/kg




0 dB = 0.971 W/kg

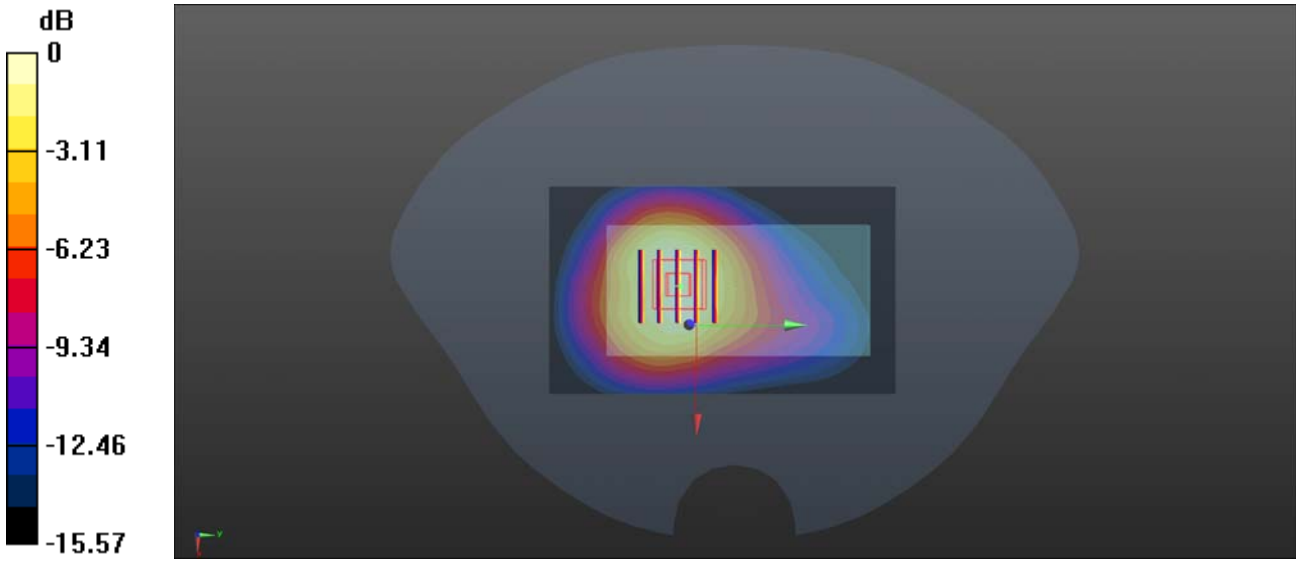
## WCDMA Band II_RMC 12.2Kbps_Back Side_10mm_Ch9262

Communication System: UID 0, UMTS-FDD (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1852.4 MHz; $\sigma$ = 1.33 S/m; $\varepsilon_r$ = 40.069; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9262/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.845 W/kg

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.78 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.34 W/kg
**SAR(1 g) = 0.795 W/kg; SAR(10 g) = 0.465 W/kg**
Maximum value of SAR (measured) = 0.864 W/kg




0 dB = 0.845 W/kg

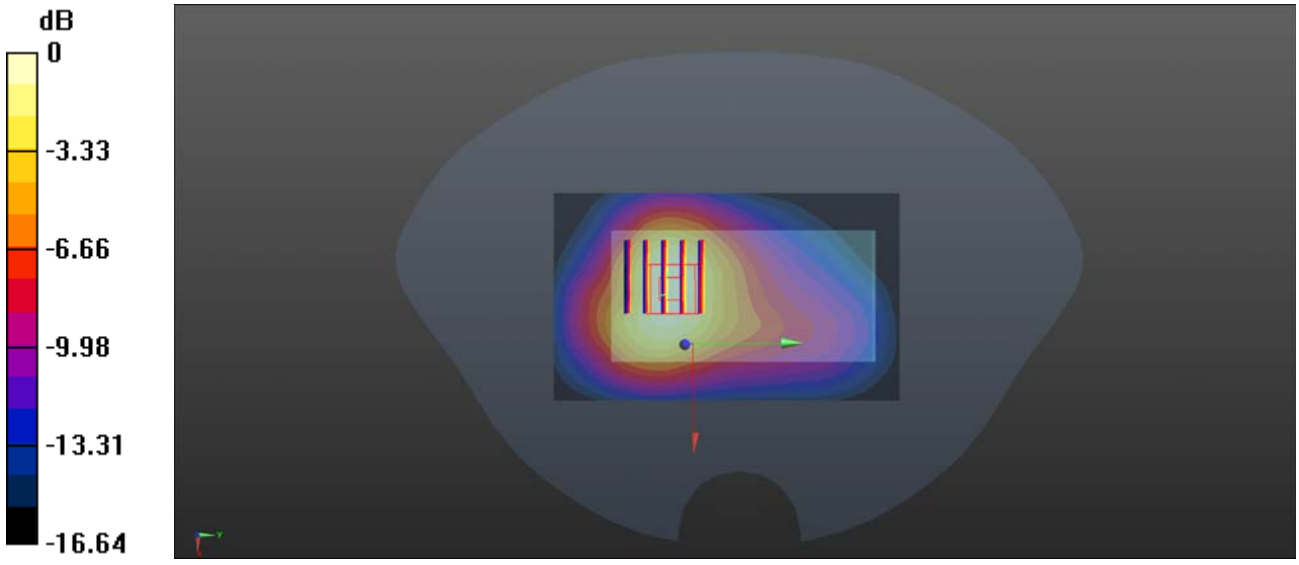
## WCDMA Band IV_RMC 12.2Kbps_Back Side_10mm_Ch1513

Communication System: UID 0, UMTS-FDD (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1753 MHz; $\sigma$ = 1.42 S/m; $\varepsilon_r$ = 39.42; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.98, 7.98, 7.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1513/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.858 W/kg

**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.74 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.30 W/kg
**SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.450 W/kg**
Maximum value of SAR (measured) = 0.835 W/kg




0 dB = 0.858 W/kg

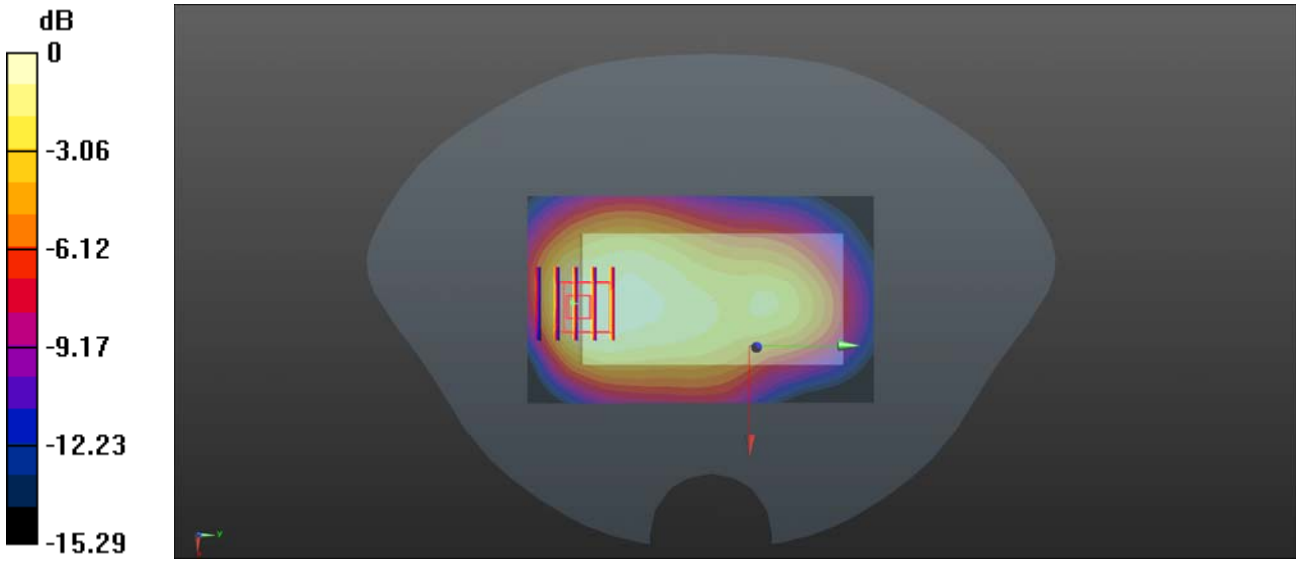
## WCDMA Band V_RMC 12.2Kbps_Back Side_10mm_Ch4183

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 836.4 MHz; $\sigma$ = 0.904 S/m; $\varepsilon_r$ = 41.033; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4183/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.504 W/kg

**Ch4183/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.75 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.786 W/kg
**SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.284 W/kg**
Maximum value of SAR (measured) = 0.504 W/kg




0 dB = 0.504 W/kg

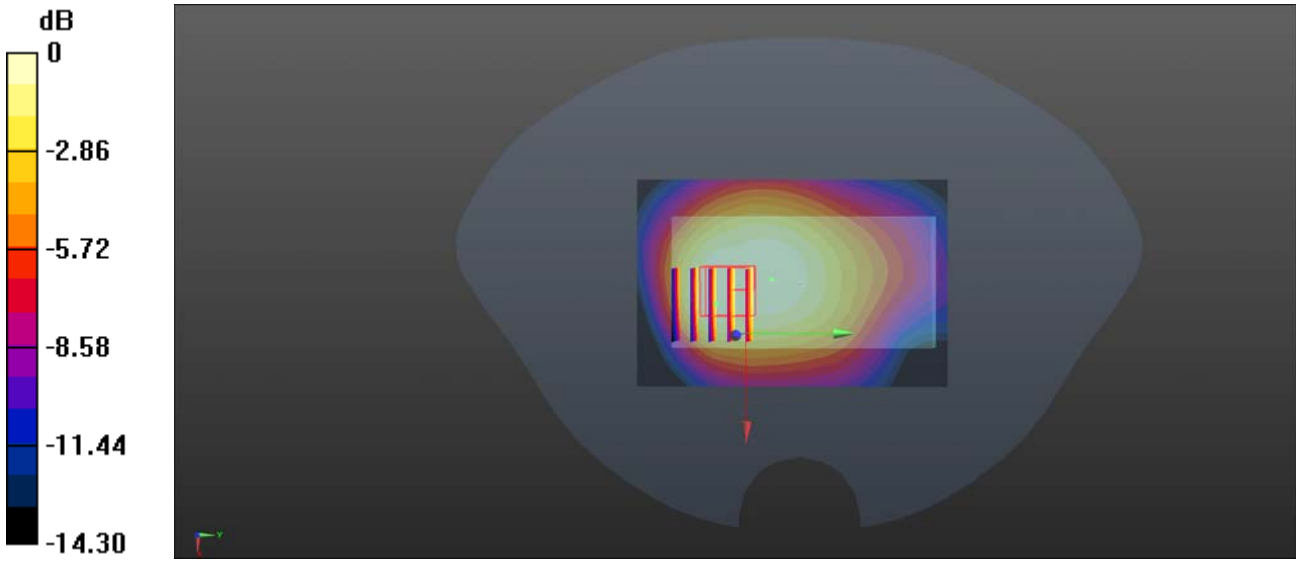
## CDMA2000 BC0_RC3 SO32(F+SCH)_Back Side_10mm_Ch384

Communication System: UID 0, CDMA 2000 (0); Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 837 MHz; $\sigma$ = 0.905 S/m; $\varepsilon_r$ = 40.944; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch384/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.551 W/kg

**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.48 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.816 W/kg
**SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.275 W/kg**
Maximum value of SAR (measured) = 0.504 W/kg




0 dB = 0.551 W/kg

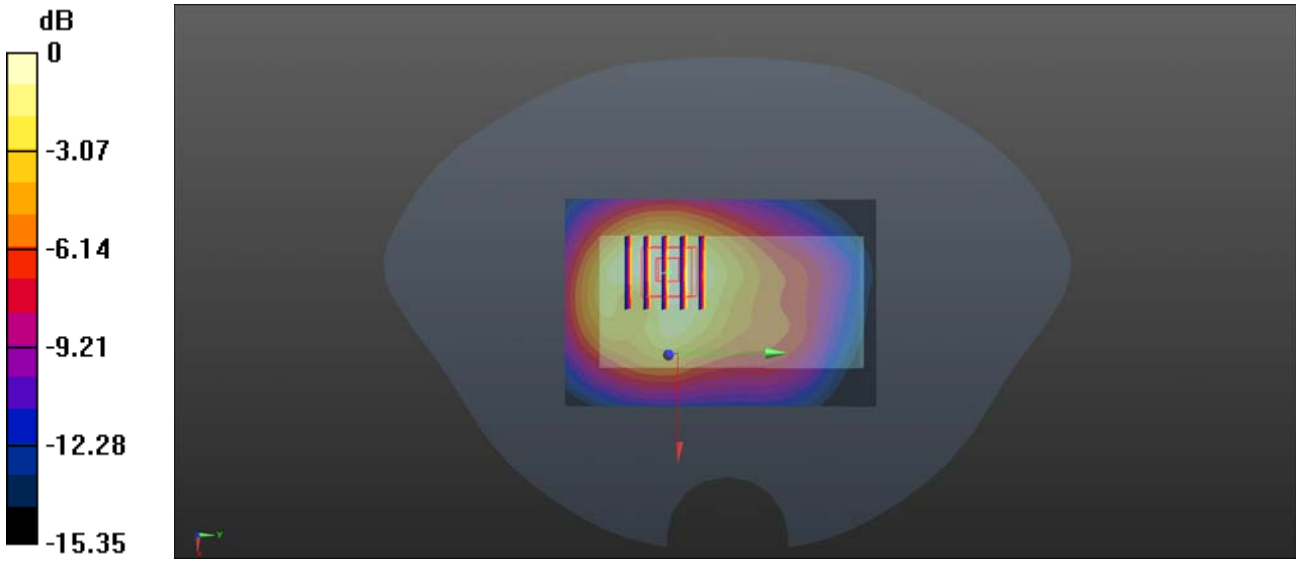
# CDMA2000 BC1_RC3 SO32(F+SCH)_Back Side_10mm_Ch600

Communication System: UID 0, CDMA 2000 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.366 S/m; $\varepsilon_r$ = 40.167; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch600/Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.804 W/kg

**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.80 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.25 W/kg
**SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.423 W/kg**
Maximum value of SAR (measured) = 0.790 W/kg




0 dB = 0.804 W/kg

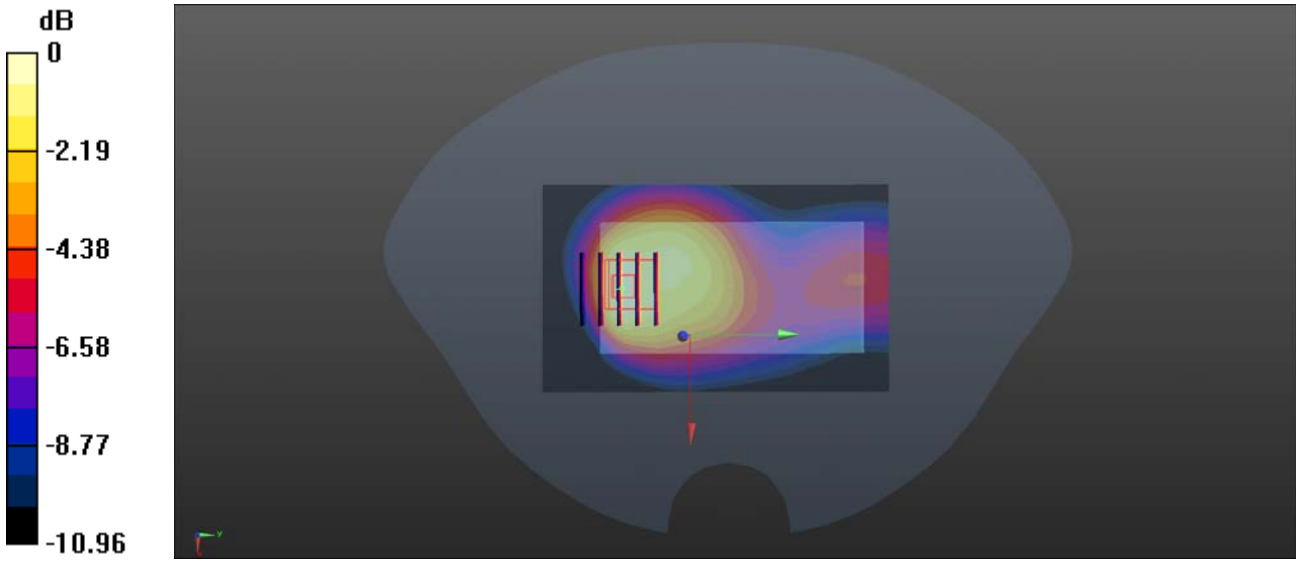
## CDMA2000 BC10_RC3 SO32(F+SCH)_Back Side_10mm_Ch684

Communication System: UID 0, CDMA 2000 (0); Frequency: 823.1 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 823.1 MHz; $\sigma$ = 0.891 S/m; $\varepsilon_r$ = 41.205; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch684/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.590 W/kg

**Ch864/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.29 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.904 W/kg
**SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.315 W/kg**
Maximum value of SAR (measured) = 0.586 W/kg




0 dB = 0.590 W/kg

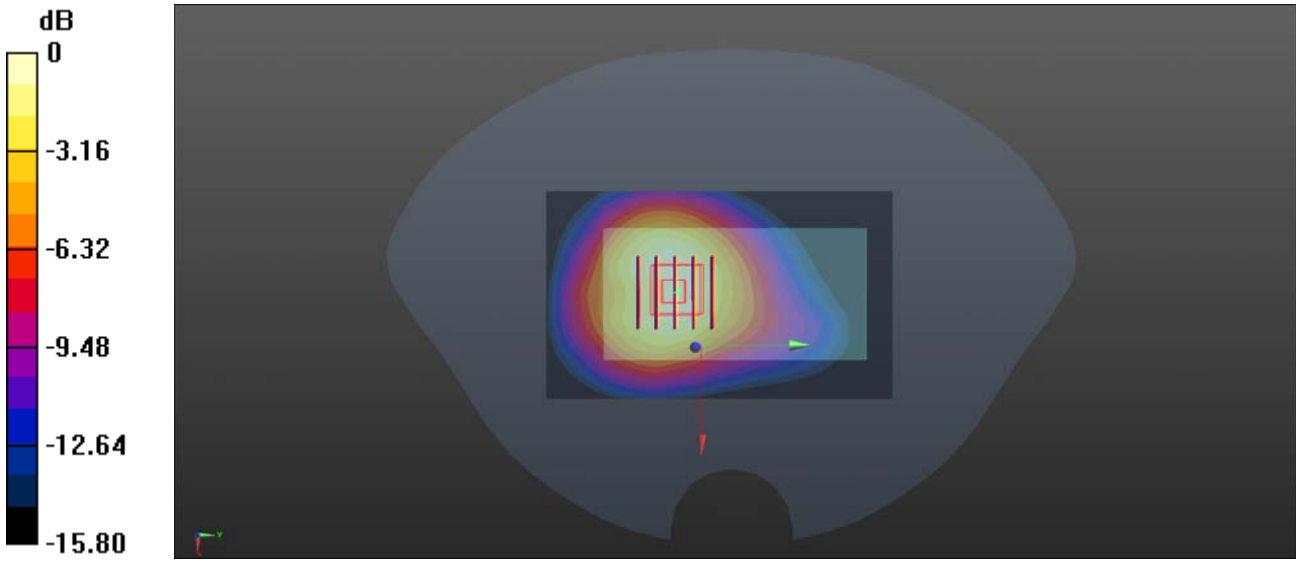
## LTE Band 2_20MHz_QPSK_1RB_49Offset_Back Side_10mm_Ch18700

Communication System: UID 0, LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1860 MHz; $\sigma$ = 1.341 S/m; $\varepsilon_r$ = 40.084; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch18700/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.956 W/kg

**Ch18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.23 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.49 W/kg
**SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.516 W/kg**
Maximum value of SAR (measured) = 0.963 W/kg




0 dB = 0.956 W/kg

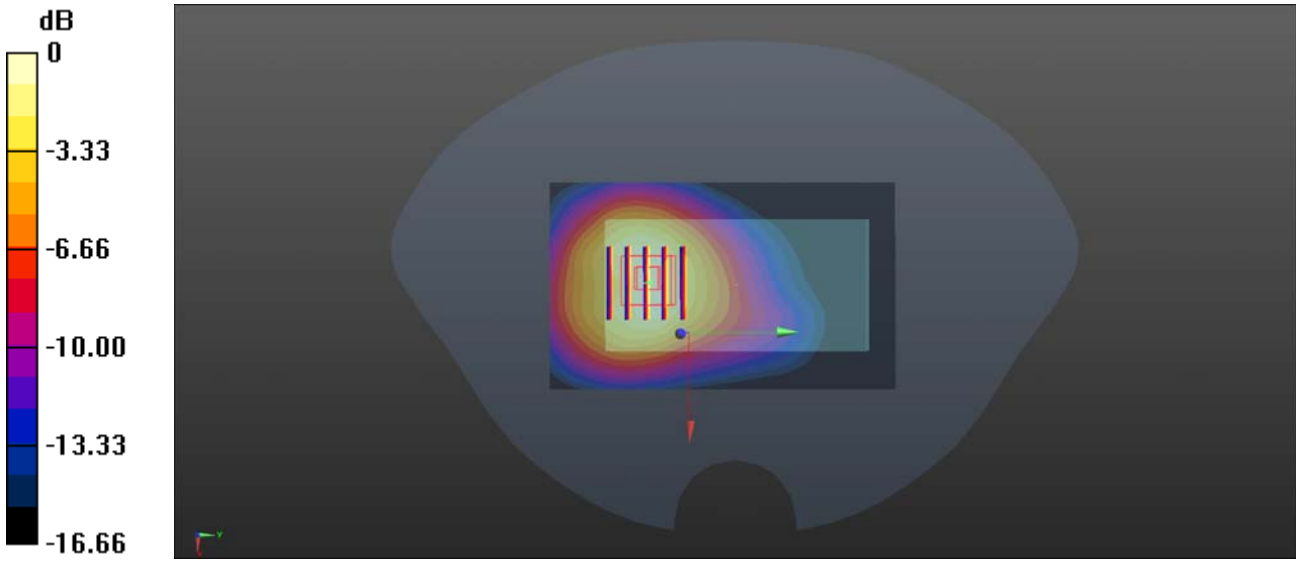
## LTE Band 4_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20300

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1745 MHz; $\sigma$ = 1.407 S/m; $\varepsilon_r$ = 39.406; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.98, 7.98, 7.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20300/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.976 W/kg

**Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.09 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.51 W/kg
**SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.519 W/kg**
Maximum value of SAR (measured) = 0.975 W/kg




0 dB = 0.976 W/kg

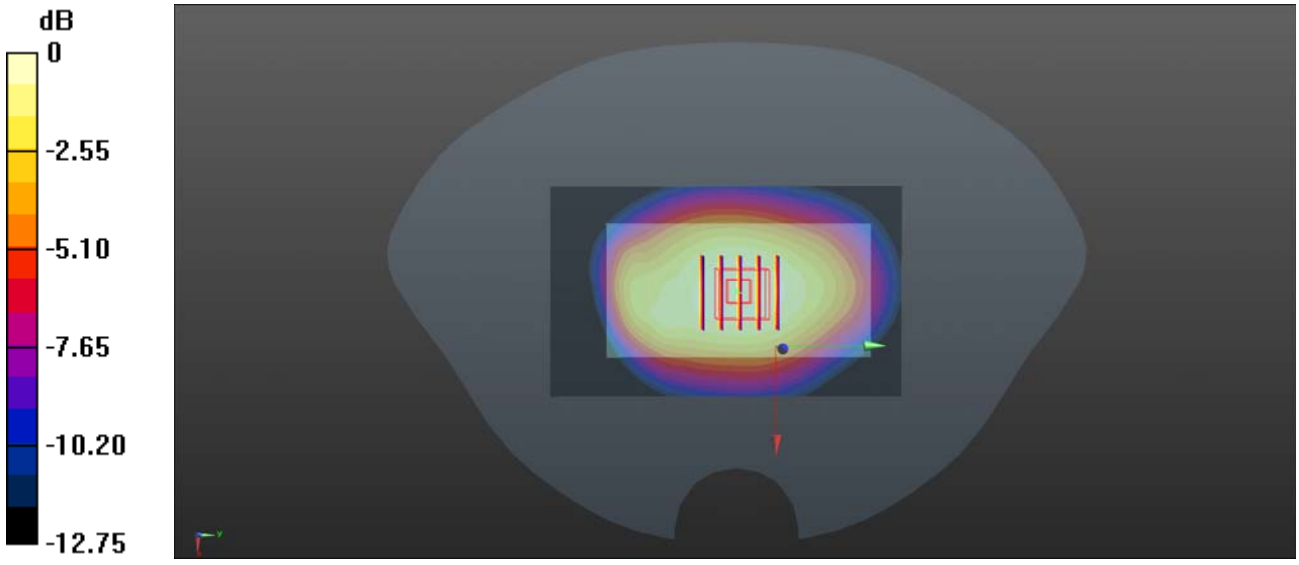
## LTE Band 5_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20600

Communication System: UID 0, LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 844 MHz; $\sigma$ = 0.914 S/m; $\varepsilon_r$ = 40.968; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20600/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.675 W/kg

**Ch20600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.55 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.939 W/kg
**SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.430 W/kg**
Maximum value of SAR (measured) = 0.684 W/kg




0 dB = 0.675 W/kg

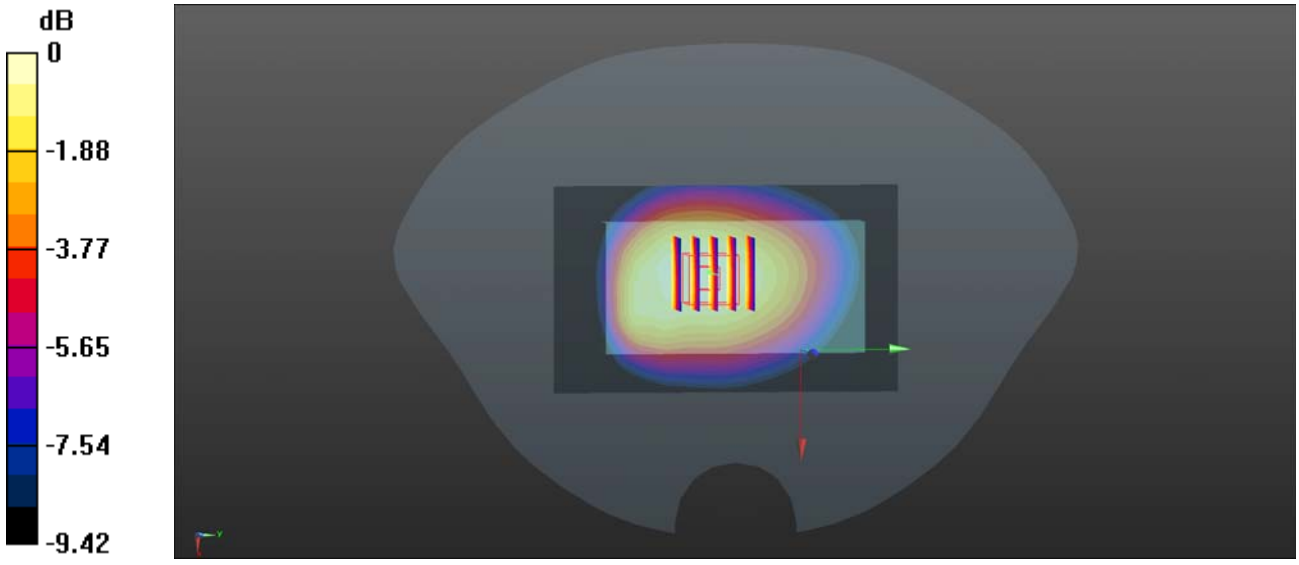
## LTE Band 12_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 707.5 MHz; $\sigma$ = 0.919 S/m; $\varepsilon_r$ = 42.233; $\rho$ = 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23095/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.251 W/kg

**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.73 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.315 W/kg
**SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.177 W/kg**
Maximum value of SAR (measured) = 0.255 W/kg




0 dB = 0.251 W/kg

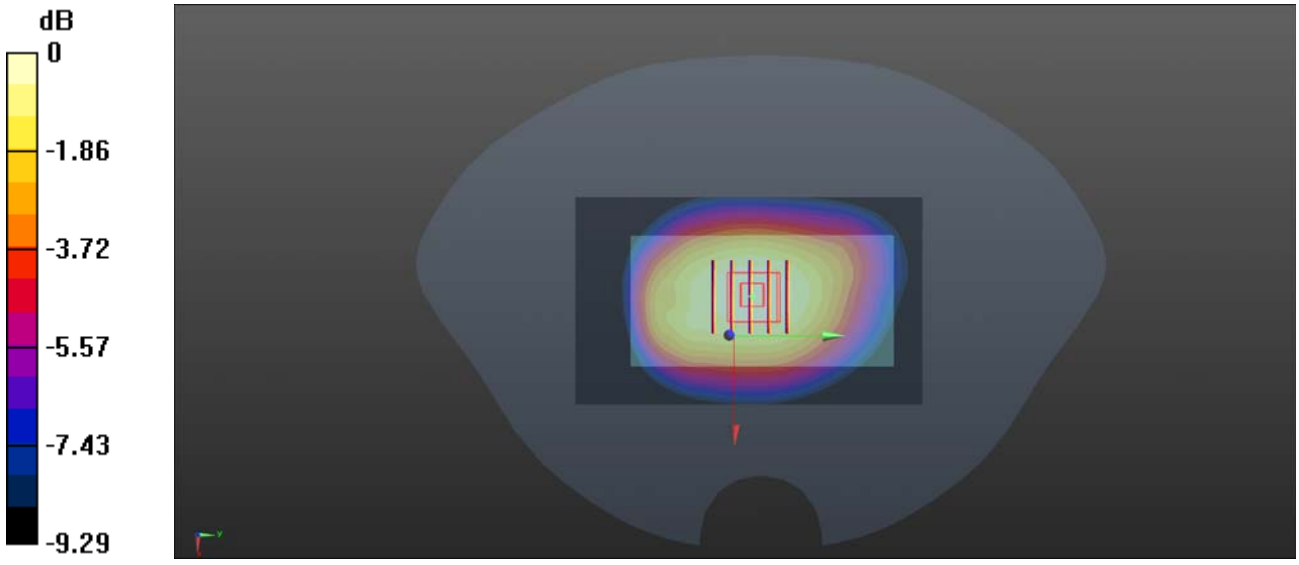
## LTE Band 13_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; $\sigma$ = 0.938 S/m; $\varepsilon_r$ = 42.016; $\rho$ = 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23230/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.974 W/kg

**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.56 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.17 W/kg
**SAR(1 g) = 0.920 W/kg; SAR(10 g) = 0.686 W/kg**
Maximum value of SAR (measured) = 0.964 W/kg




0 dB = 0.974 W/kg

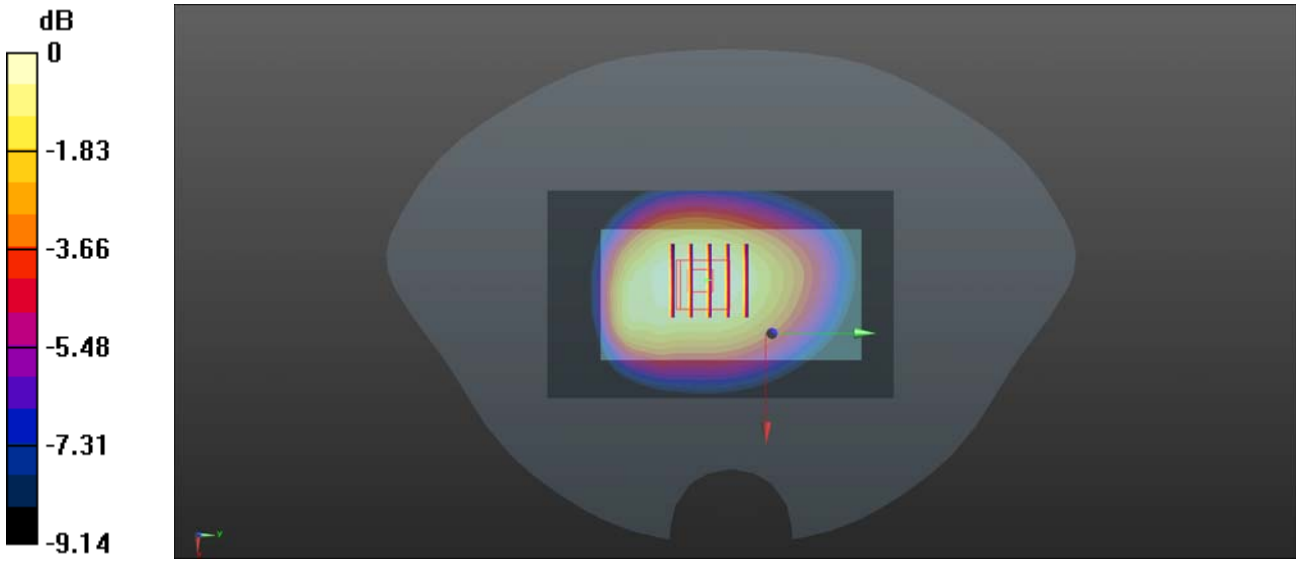
## LTE Band 17_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch23790

Communication System: UID 0, LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 710 MHz; $\sigma$ = 0.919 S/m; $\varepsilon_r$ = 42.203; $\rho$ = 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23790/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.273 W/kg

**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.61 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.344 W/kg
**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.193 W/kg**
Maximum value of SAR (measured) = 0.276 W/kg




0 dB = 0.273 W/kg

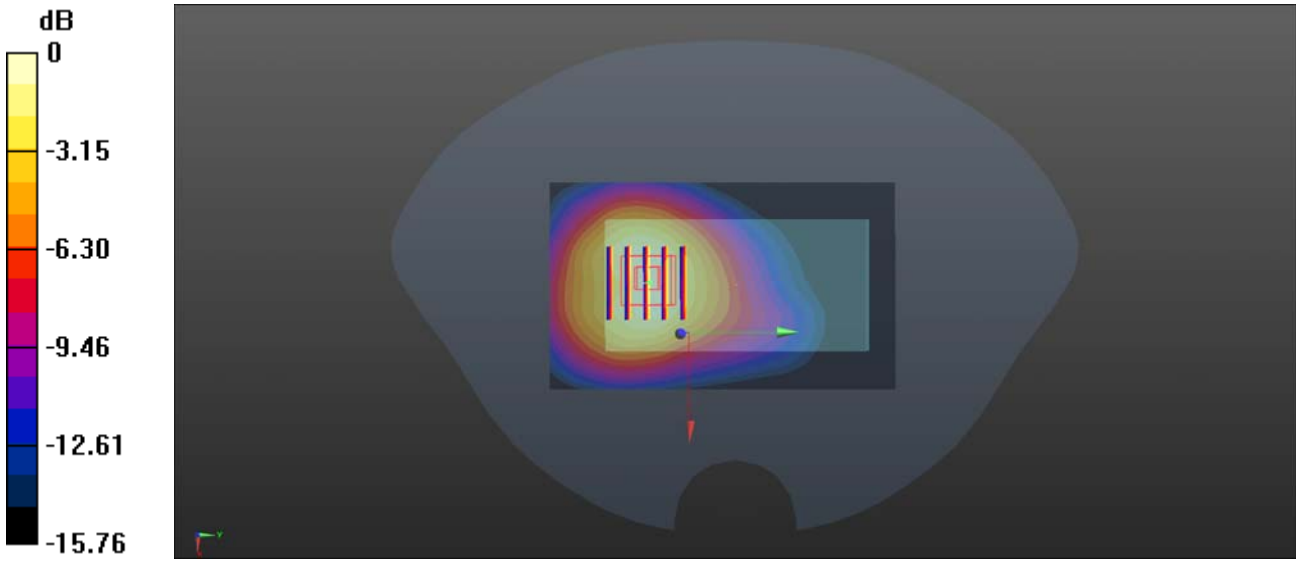
## LTE Band 25_20MHz_QPSK_1RB_49Offset_Back Side_10mm_Ch26140

Communication System: UID 0, LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1860 MHz; $\sigma$ = 1.341 S/m; $\varepsilon_r$ = 40.084; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26140/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.852 W/kg

**Ch26140/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.38 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.37 W/kg
**SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.472 W/kg**
Maximum value of SAR (measured) = 0.877 W/kg




0 dB = 0.852 W/kg

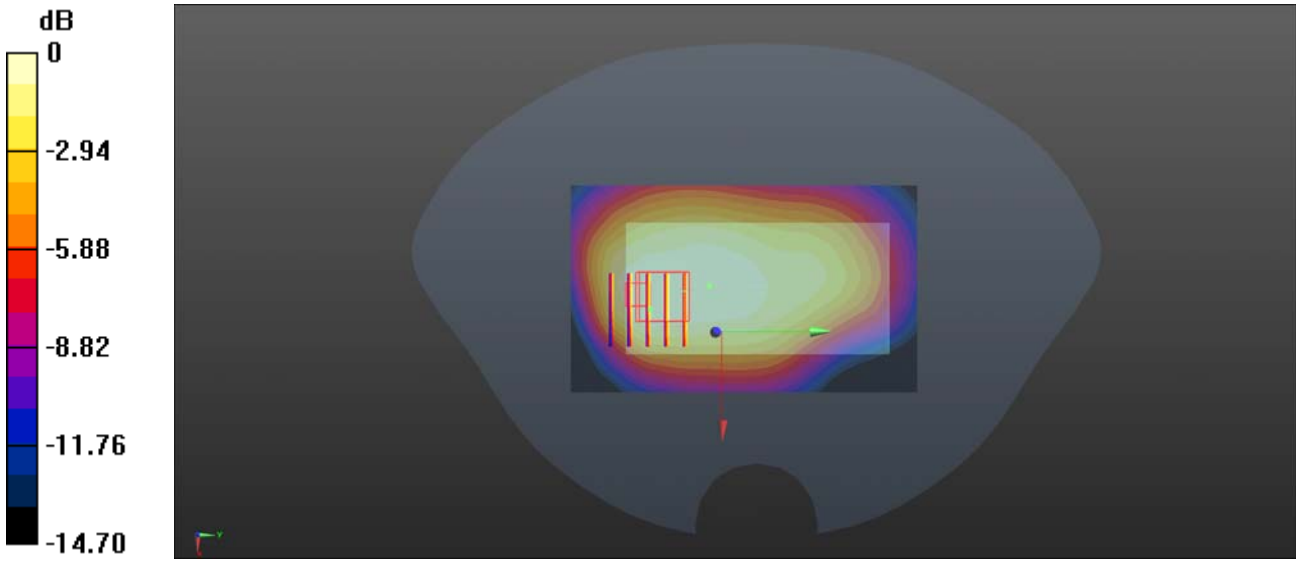
## LTE Band 26_15MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch26765

Communication System: UID 0, LTE (0); Frequency: 821.5 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 821.5 MHz; $\sigma$ = 0.89 S/m; $\varepsilon_r$ = 41.334; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26765/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.562 W/kg

**Ch26765/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.27 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.820 W/kg
**SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.359 W/kg**
Maximum value of SAR (measured) = 0.557 W/kg




0 dB = 0.562 W/kg

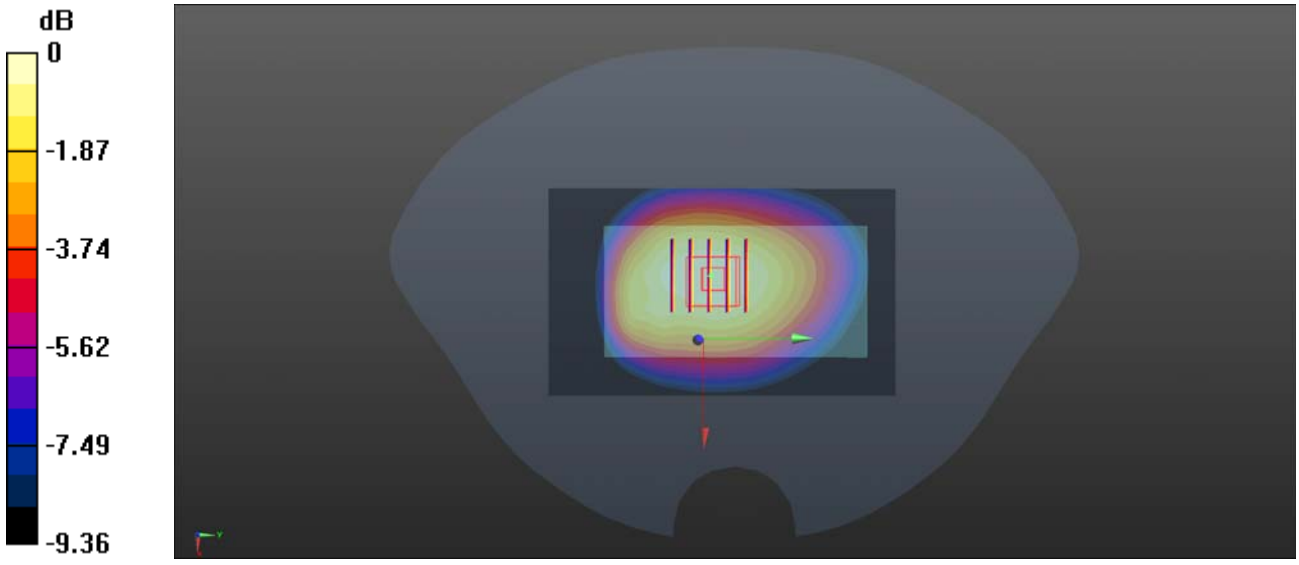
## LTE Band 28_20MHz_QPSK_1RB_49Offset_Back Side_10mm_Ch27310

Communication System: UID 0, LTE (0); Frequency: 713 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 713 MHz; $\sigma$ = 0.925 S/m; $\varepsilon_r$ = 42.133; $\rho$ = 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch27310/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.404 W/kg

**Ch27310/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.20 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.503 W/kg
**SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.291 W/kg**
Maximum value of SAR (measured) = 0.409 W/kg




0 dB = 0.404 W/kg

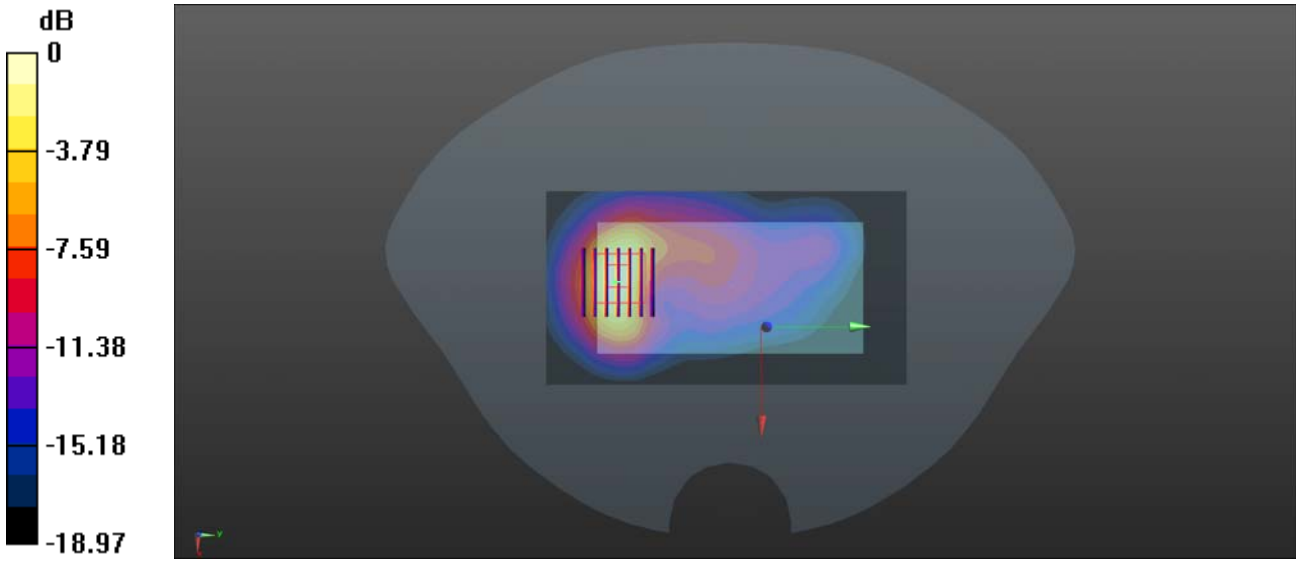
## LTE Band 30_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch27710

Communication System: UID 0, LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: HSL_2300 Medium parameters used: f = 2310 MHz; $\sigma$ = 1.636 S/m; $\varepsilon_r$ = 39.858; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.55, 7.55, 7.55); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch27710/Area Scan (71x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

**Ch27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.683 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.72 W/kg
**SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.406 W/kg**
Maximum value of SAR (measured) = 0.982 W/kg




0 dB = 1.07 W/kg

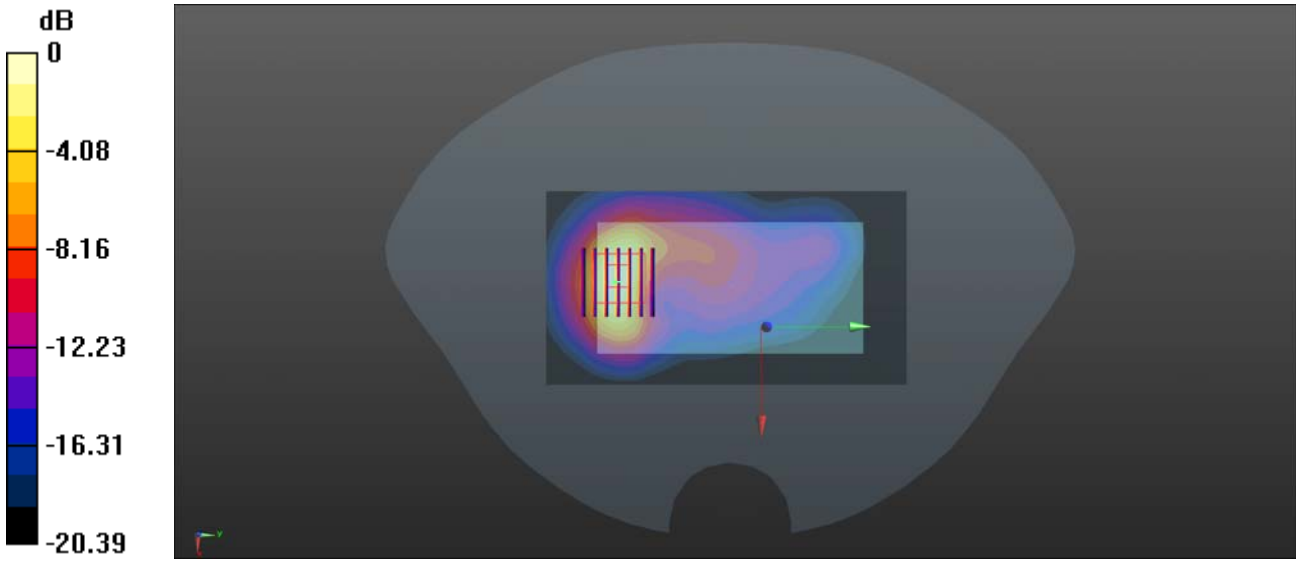
## LTE Band 41_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch40185

Communication System: UID 0, LTE (0); Frequency: 2549.5 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2549.5 MHz; $\sigma$ = 1.902 S/m; $\varepsilon_r$ = 38.934; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(6.98, 6.98, 6.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch40185/Area Scan (61x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

**Ch40185/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.499 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.16 W/kg
**SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.452 W/kg**
Maximum value of SAR (measured) = 1.08 W/kg




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

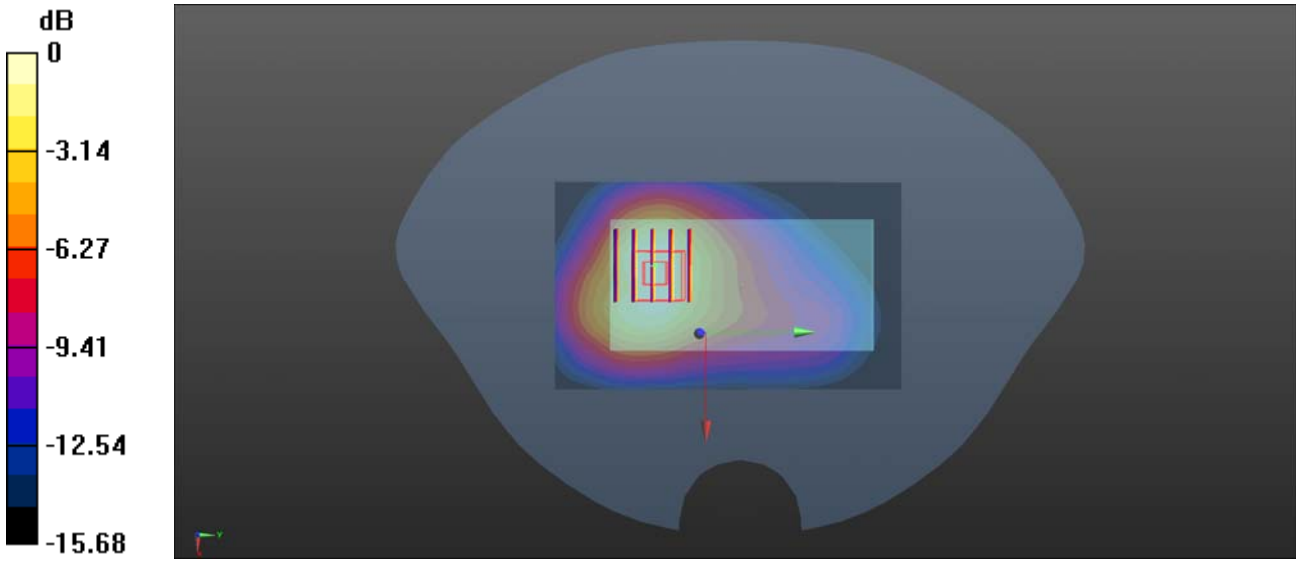
## LTE Band 66_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch132572

Communication System: UID 0, LTE (0); Frequency: 1770 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1770 MHz; $\sigma$ = 1.438 S/m; $\varepsilon_r$ = 39.454; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.98, 7.98, 7.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch132572/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.827 W/kg

**Ch132572/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.820 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.29 W/kg
**SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.443 W/kg**
Maximum value of SAR (measured) = 0.833 W/kg




0 dB = 0.833 W/kg

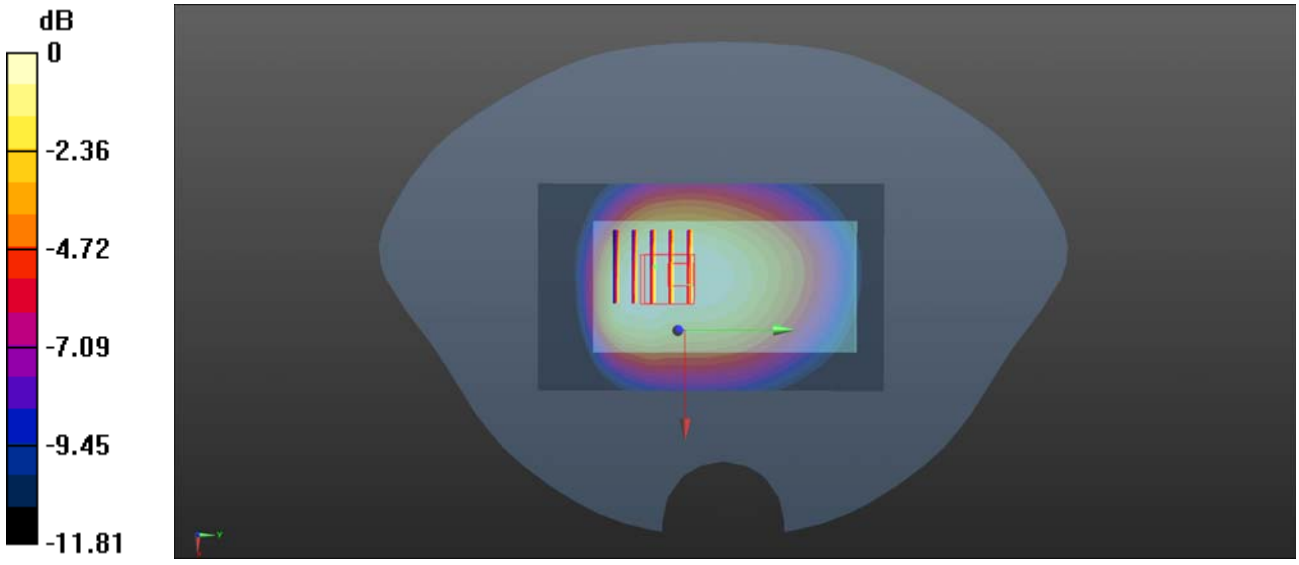
## LTE Band 71_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch133222

Communication System: UID 0, LTE (0); Frequency: 673 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 673 MHz; $\sigma$ = 0.909 S/m; $\varepsilon_r$ = 42.403; $\rho$ = 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch133222/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0891 W/kg

**Ch133222/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.479 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.114 W/kg
**SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.061 W/kg**
Maximum value of SAR (measured) = 0.0896 W/kg




0 dB = 0.0891 W/kg

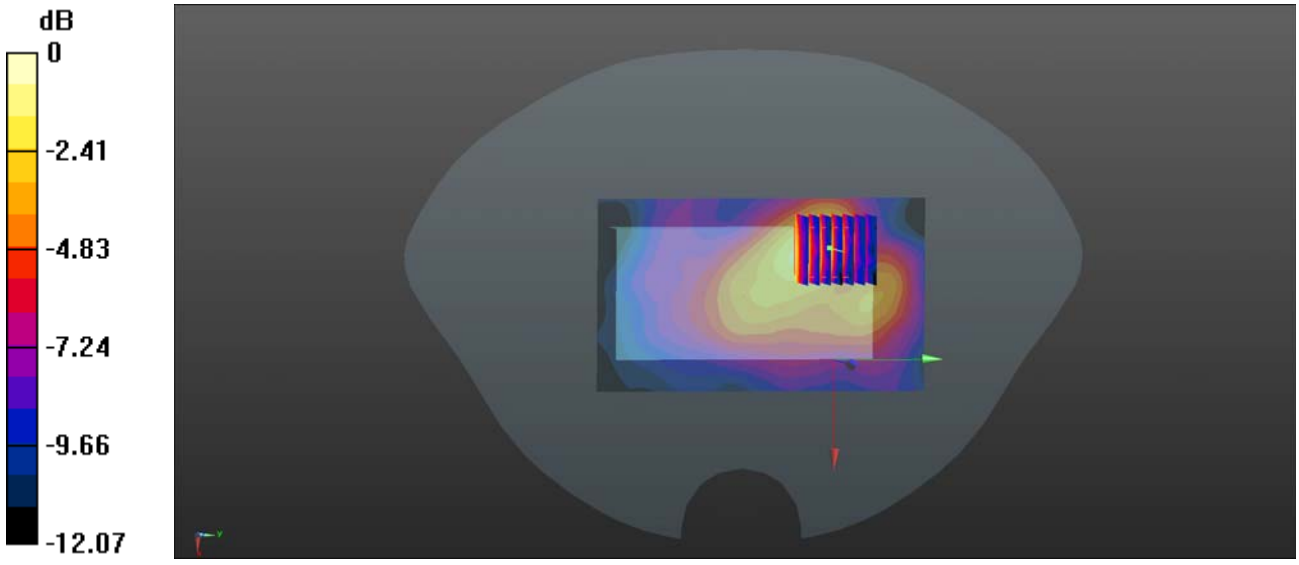
## WLAN 2.4GHz_802.11b 1Mbps_Back Side_10mm_Ch6

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: f = 2437 MHz; $\sigma$ = 1.782 S/m; $\varepsilon_r$ = 39.378; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.34, 7.34, 7.34); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch6/Area Scan (71x121x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.103 W/kg

**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.450 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.221 W/kg
**SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.052 W/kg**
Maximum value of SAR (measured) = 0.103 W/kg




0 dB = 0.103 W/kg

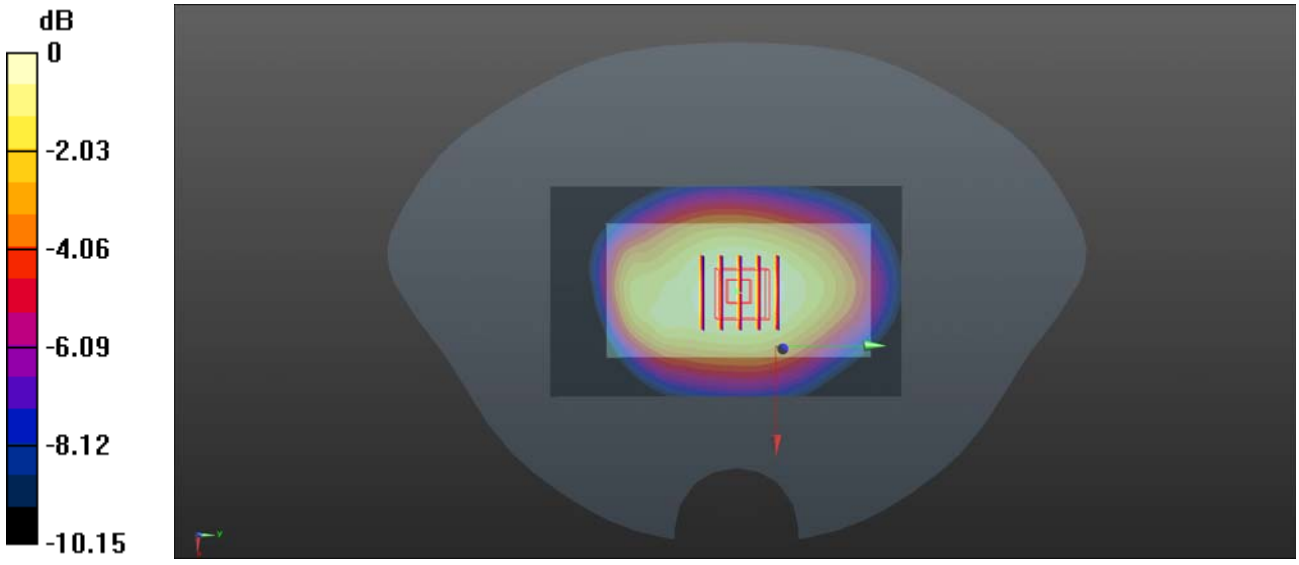
## GSM850_GPRS(2TX slots)_Back Side_10mm_Ch189

Communication System: UID 0, GSM850(class 10) (0); Frequency: 836.4 MHz;Duty Cycle: 1:4.15
Medium: HSL_835 Medium parameters used: f = 836.4 MHz; $\sigma$ = 0.904 S/m; $\varepsilon_r$ = 41.033; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch189/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.857 W/kg

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.90 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.04 W/kg
**SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.596 W/kg**
Maximum value of SAR (measured) = 0.853 W/kg




0 dB = 0.857 W/kg

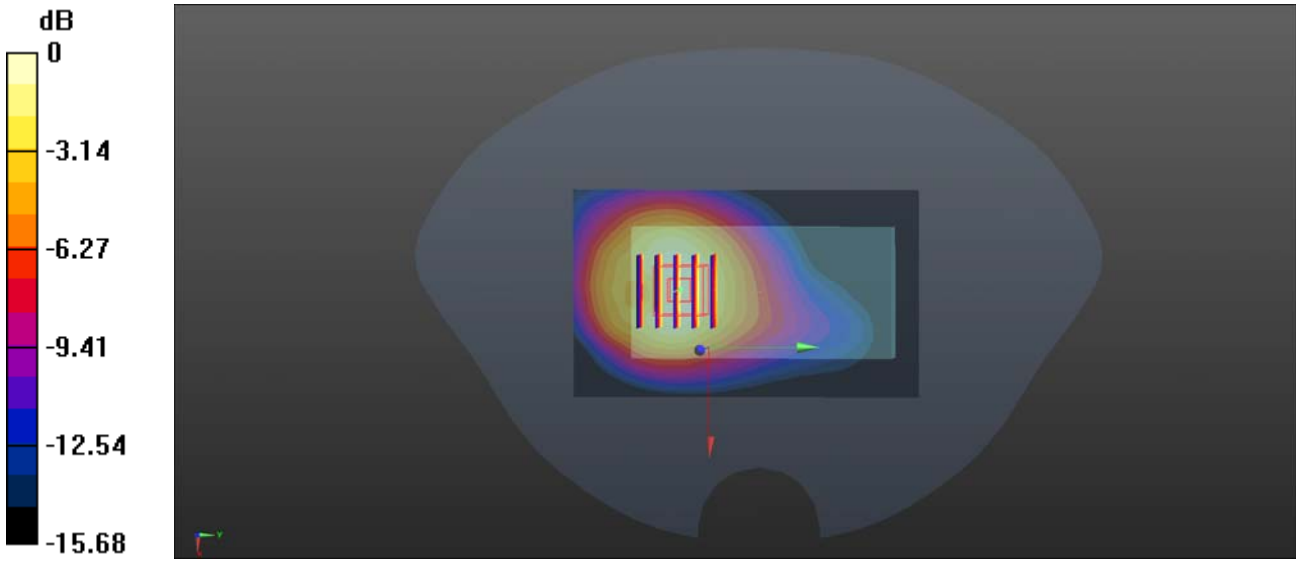
## GSM1900_GPRS(3 TX slots)_Back Side_10mm_Ch810

Communication System: UID 0, PCS1900(class 11) (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: HSL_1900 Medium parameters used: f = 1910 MHz; $\sigma$ = 1.381 S/m; $\varepsilon_r$ = 39.997; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch810/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.971 W/kg

**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.87 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.54 W/kg
**SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.535 W/kg**
Maximum value of SAR (measured) = 0.978 W/kg




0 dB = 0.971 W/kg

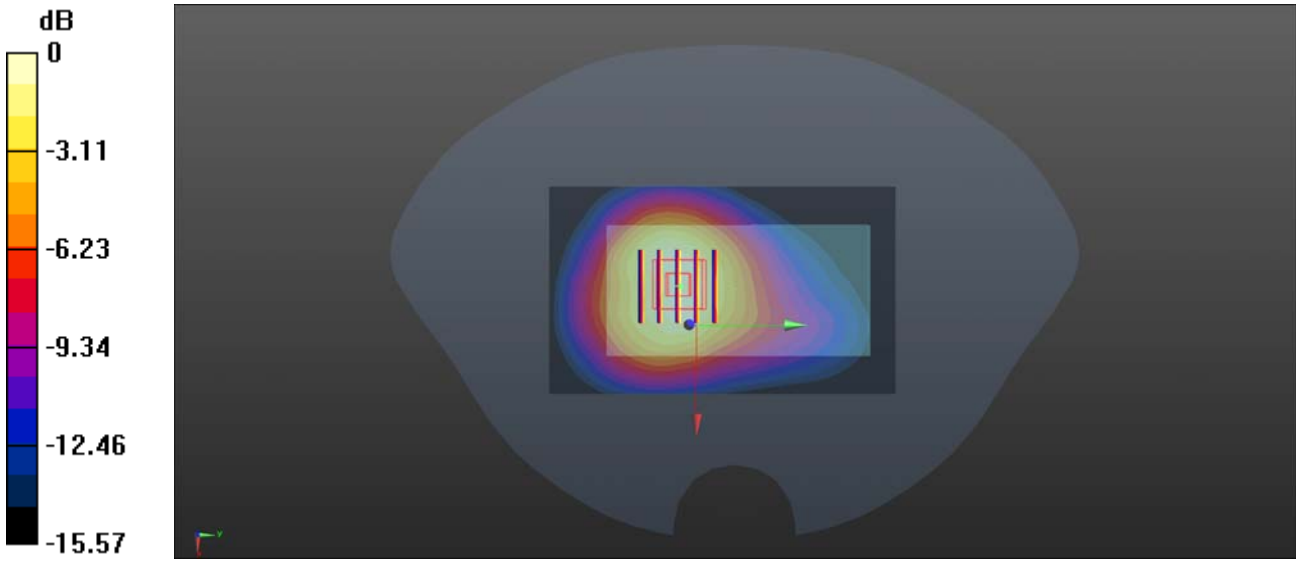
## WCDMA Band II_RMC 12.2Kbps_Back Side_10mm_Ch9262

Communication System: UID 0, UMTS-FDD (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1852.4 MHz; $\sigma$ = 1.33 S/m; $\varepsilon_r$ = 40.069; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9262/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.845 W/kg

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.78 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.34 W/kg
**SAR(1 g) = 0.795 W/kg; SAR(10 g) = 0.465 W/kg**
Maximum value of SAR (measured) = 0.864 W/kg




0 dB = 0.845 W/kg

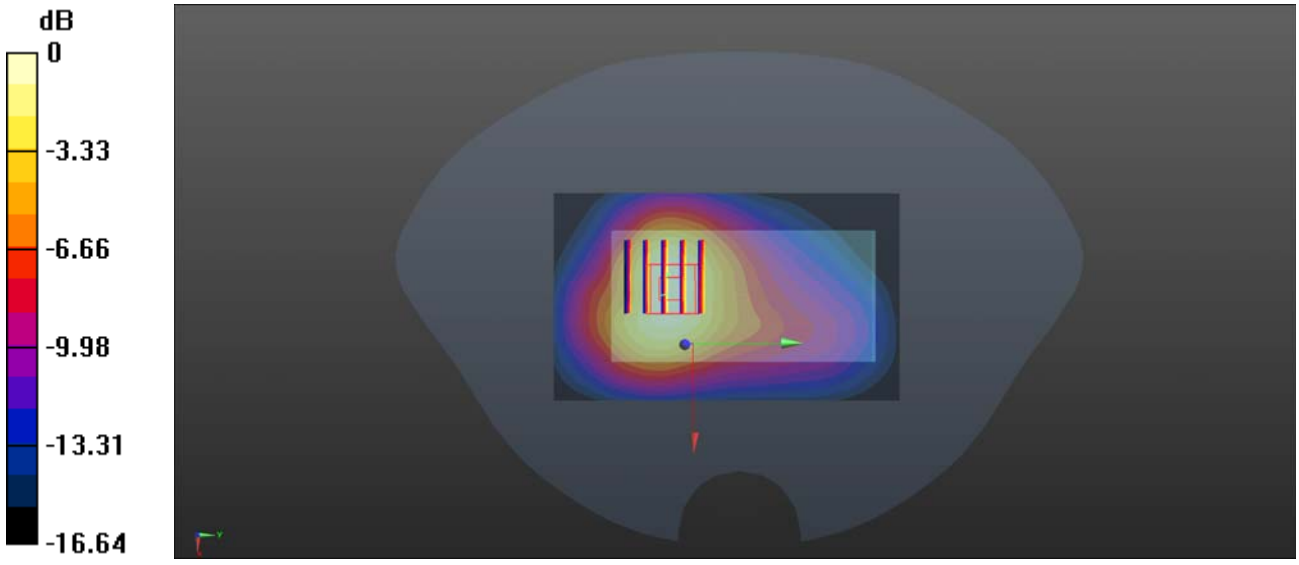
## WCDMA Band IV_RMC 12.2Kbps_Back Side_10mm_Ch1513

Communication System: UID 0, UMTS-FDD (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1753 MHz; $\sigma$ = 1.42 S/m; $\varepsilon_r$ = 39.42; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.98, 7.98, 7.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1513/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.858 W/kg

**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.74 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.30 W/kg
**SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.450 W/kg**
Maximum value of SAR (measured) = 0.835 W/kg




0 dB = 0.858 W/kg

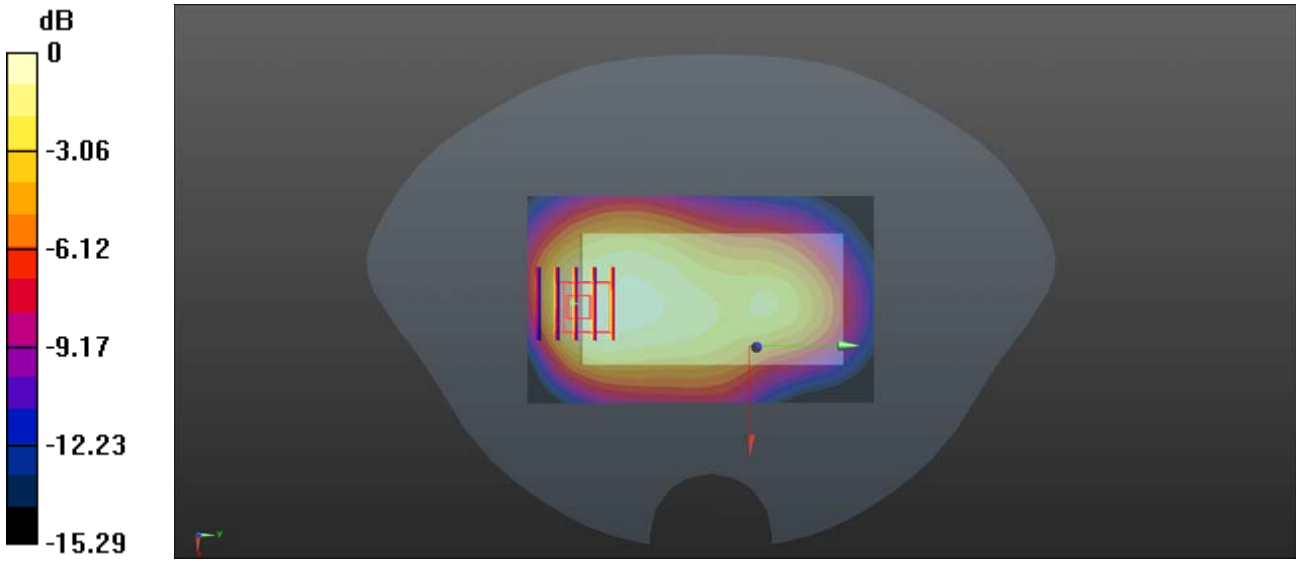
## WCDMA Band V_RMC 12.2Kbps_Back Side_10mm_Ch4183

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 836.4 MHz; $\sigma$ = 0.904 S/m; $\varepsilon_r$ = 41.033; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4183/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.504 W/kg

**Ch4183/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.75 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.786 W/kg
**SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.284 W/kg**
Maximum value of SAR (measured) = 0.504 W/kg




0 dB = 0.504 W/kg

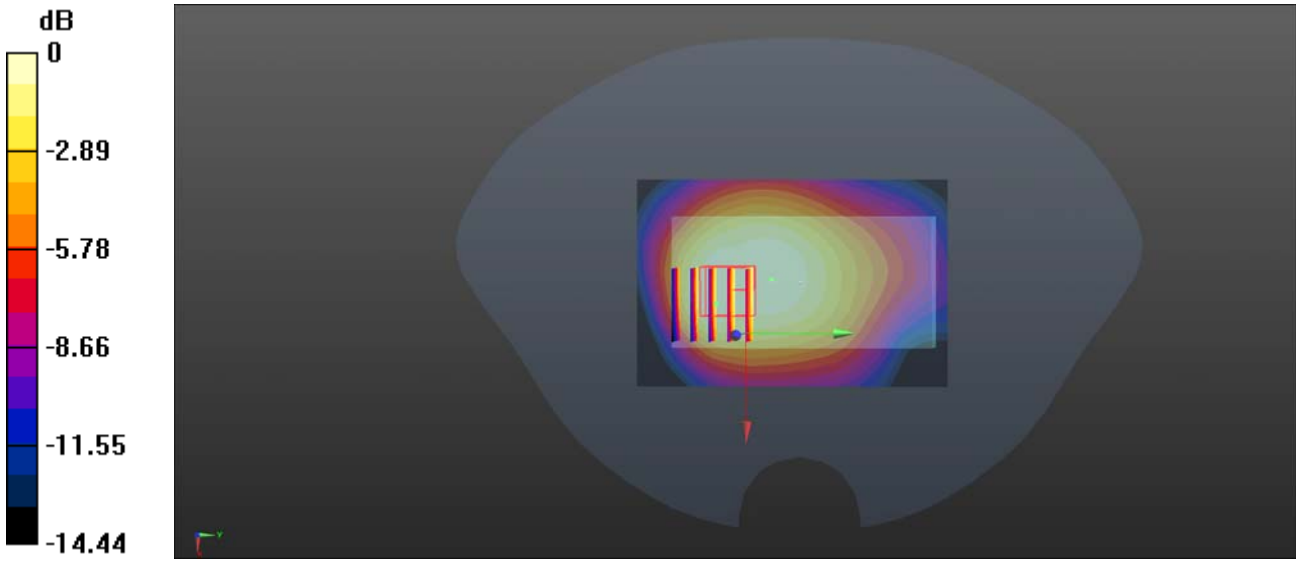
## CDMA2000 BC0_RTAP 153.6Kbps_Back Side_10mm_Ch384

Communication System: UID 0, CDMA 2000 (0); Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 837 MHz; $\sigma$ = 0.905 S/m; $\varepsilon_r$ = 40.944; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch384/Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.674 W/kg

**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.22 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.865 W/kg
**SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.385 W/kg**
Maximum value of SAR (measured) = 0.627 W/kg




0 dB = 0.674 W/kg

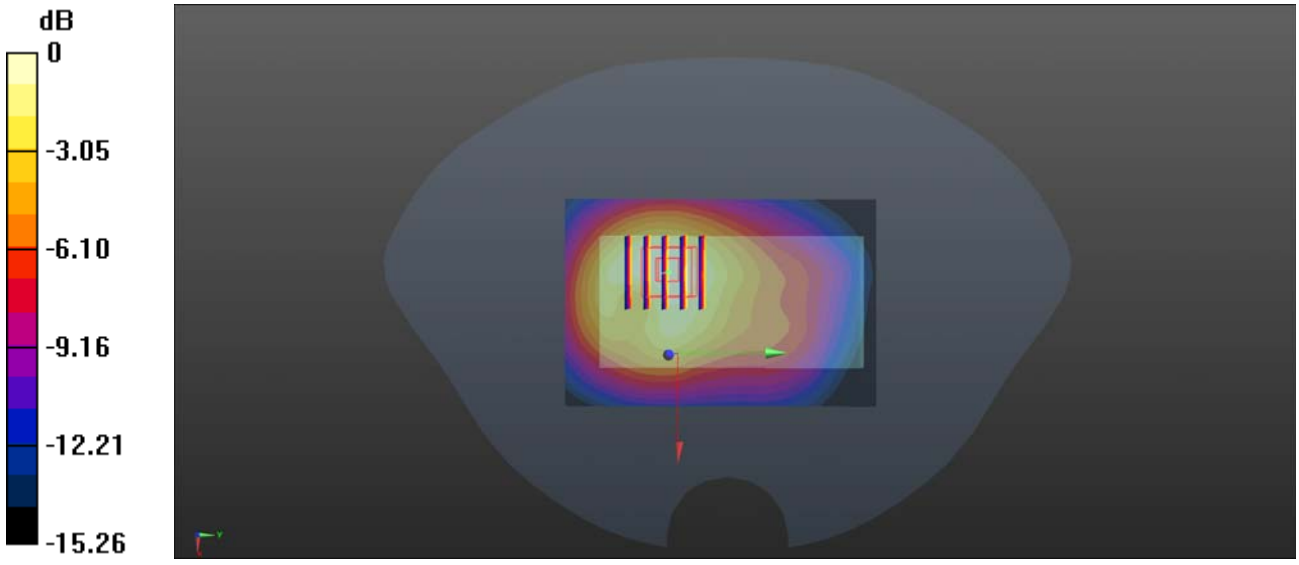
## CDMA2000 BC1_RTAP 153.6Kbps_Back Side_10mm_Ch25

Communication System: UID 0, CDMA 2000 (0); Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1851.25 MHz; $\sigma$ = 1.328 S/m; $\varepsilon_r$ = 40.03; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch25/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.860 W/kg

**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.40 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.30 W/kg
**SAR(1 g) = 0.777 W/kg; SAR(10 g) = 0.457 W/kg**
Maximum value of SAR (measured) = 0.848 W/kg




0 dB = 0.860 W/kg

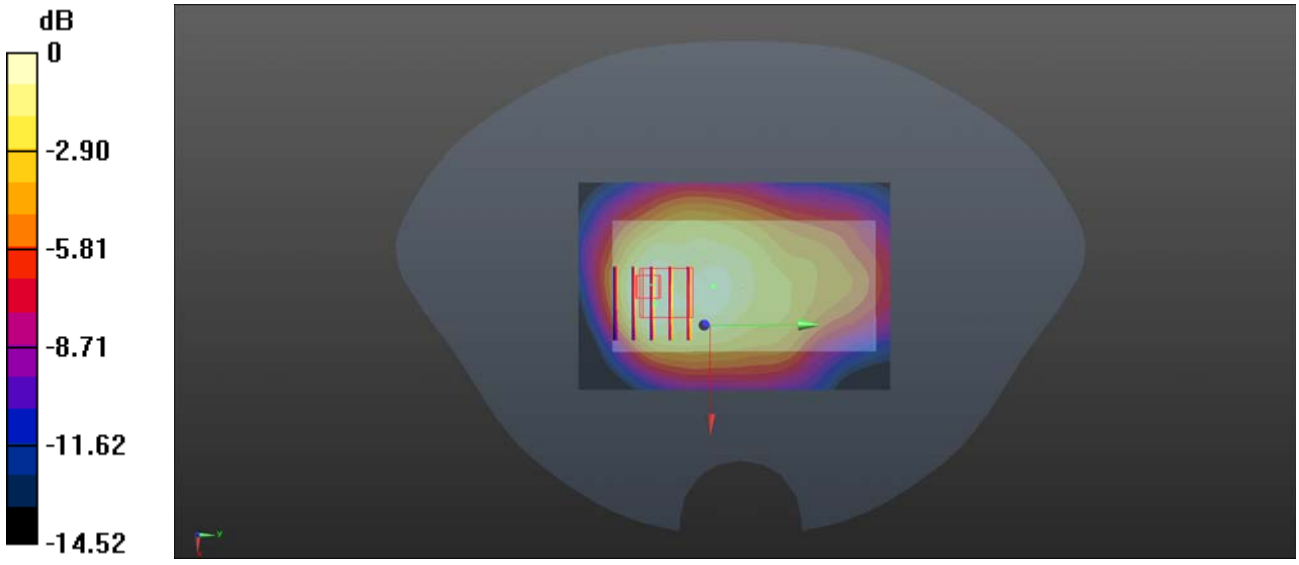
## CDMA2000 BC10_RTAP 153.6Kbps_Back Side_10mm_Ch684

Communication System: UID 0, CDMA 2000 (0); Frequency: 823.1 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 823.1 MHz; $\sigma$ = 0.891 S/m; $\varepsilon_r$ = 41.205; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch384/Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.548 W/kg

**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.55 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.801 W/kg
**SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.298 W/kg**
Maximum value of SAR (measured) = 0.494 W/kg




0 dB = 0.548 W/kg

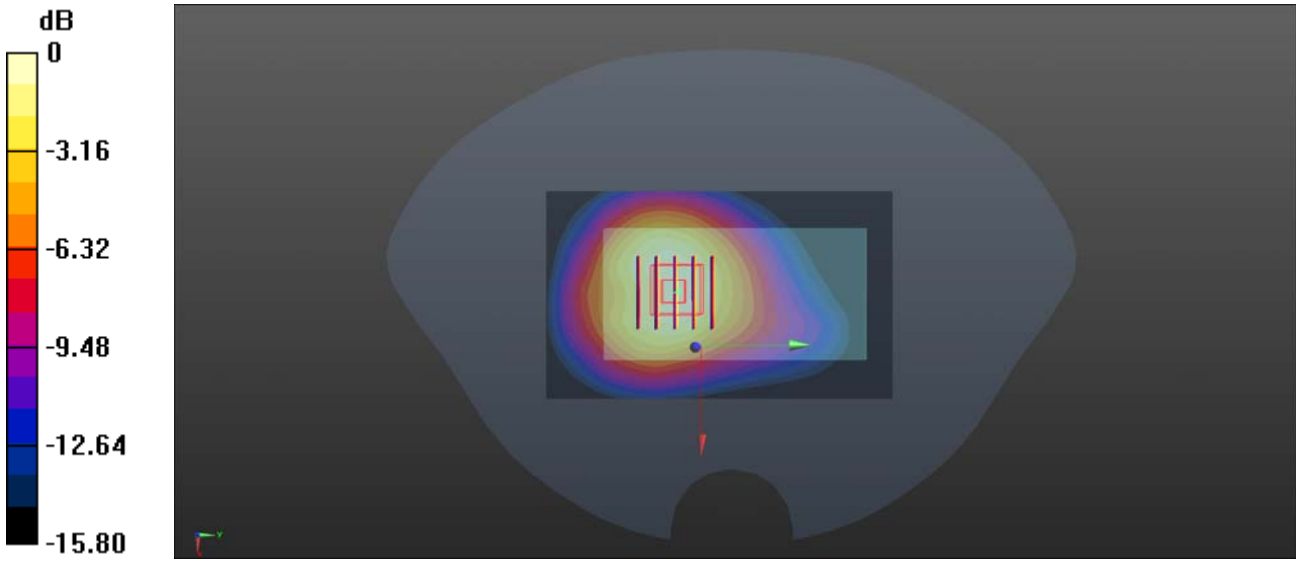
## LTE Band 2_20MHz_QPSK_1RB_49Offset_Back Side_10mm_Ch18700

Communication System: UID 0, LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1860 MHz; $\sigma$ = 1.341 S/m; $\varepsilon_r$ = 40.084; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch18700/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.956 W/kg

**Ch18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.23 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.49 W/kg
**SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.516 W/kg**
Maximum value of SAR (measured) = 0.963 W/kg




0 dB = 0.956 W/kg

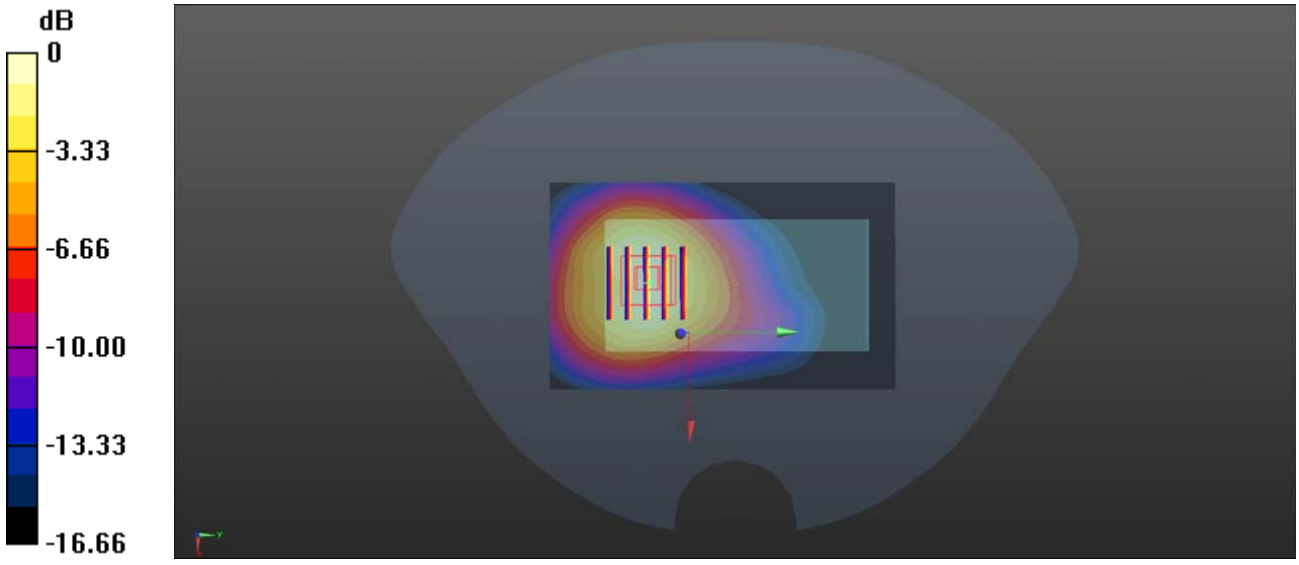
## LTE Band 4_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20300

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1745 MHz; $\sigma$ = 1.407 S/m; $\varepsilon_r$ = 39.406; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.98, 7.98, 7.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20300/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.976 W/kg

**Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.09 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.51 W/kg
**SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.519 W/kg**
Maximum value of SAR (measured) = 0.975 W/kg




0 dB = 0.976 W/kg

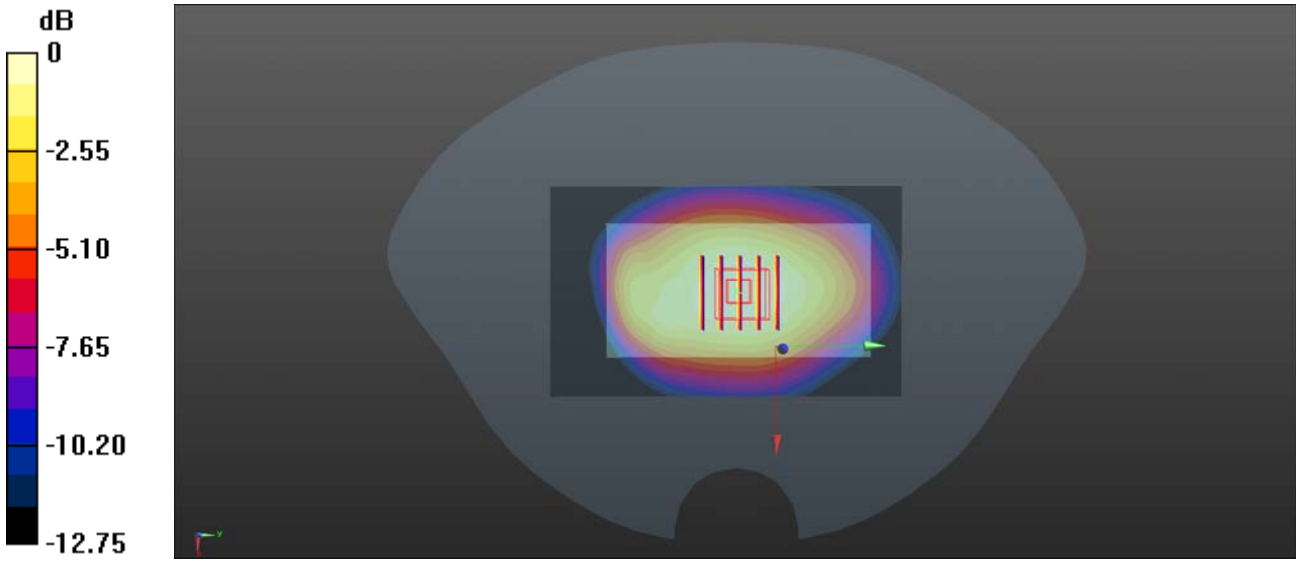
## LTE Band 5_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20600

Communication System: UID 0, LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 844 MHz; $\sigma$ = 0.914 S/m; $\varepsilon_r$ = 40.968; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20600/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.675 W/kg

**Ch20600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.55 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.939 W/kg
**SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.430 W/kg**
Maximum value of SAR (measured) = 0.684 W/kg




0 dB = 0.675 W/kg

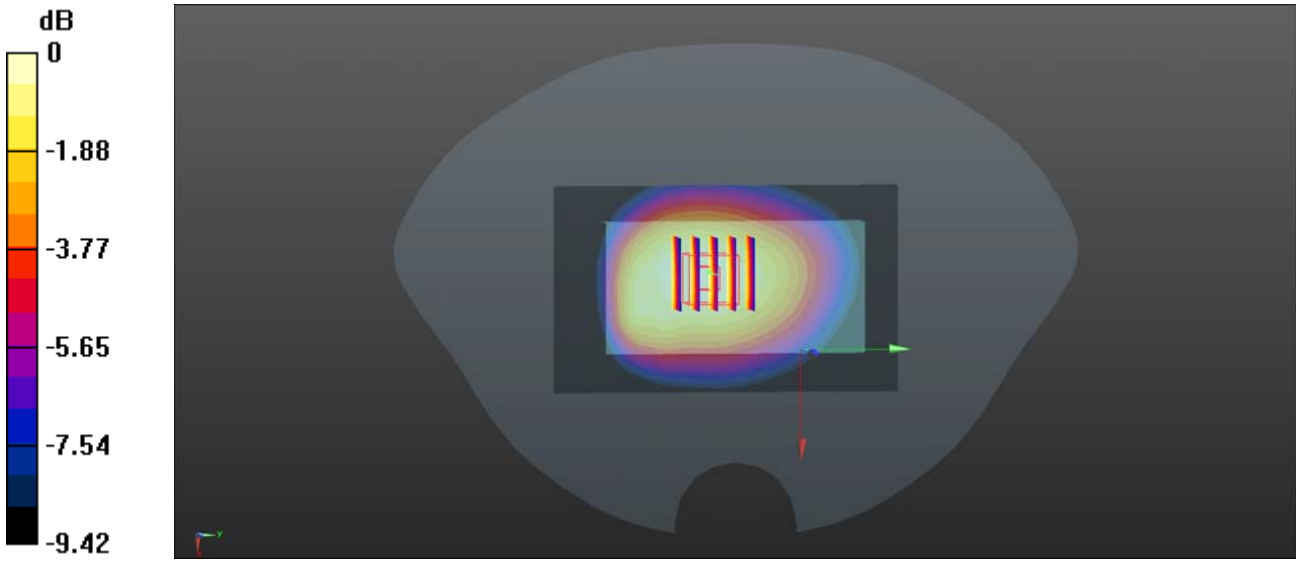
## LTE Band 12_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 707.5 MHz; $\sigma$ = 0.919 S/m; $\varepsilon_r$ = 42.233; $\rho$ = 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23095/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.251 W/kg

**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.73 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.315 W/kg
**SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.177 W/kg**
Maximum value of SAR (measured) = 0.255 W/kg




0 dB = 0.251 W/kg

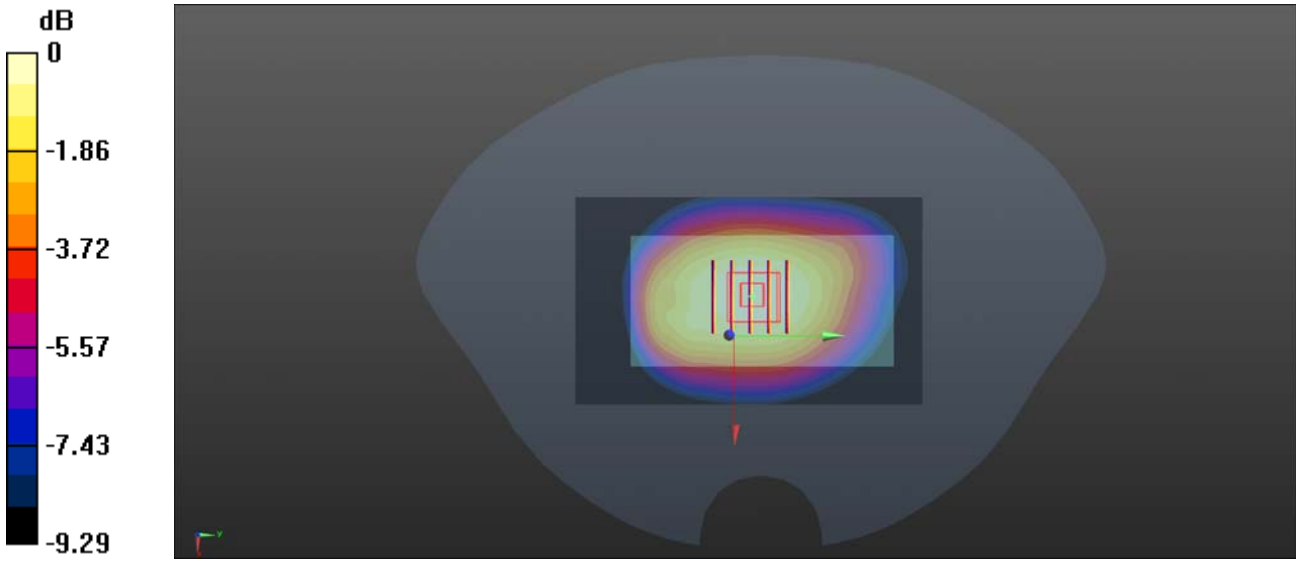
## LTE Band 13_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; $\sigma$ = 0.938 S/m; $\varepsilon_r$ = 42.016; $\rho$ = 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23230/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.974 W/kg

**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.56 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.17 W/kg
**SAR(1 g) = 0.920 W/kg; SAR(10 g) = 0.686 W/kg**
Maximum value of SAR (measured) = 0.964 W/kg




0 dB = 0.974 W/kg

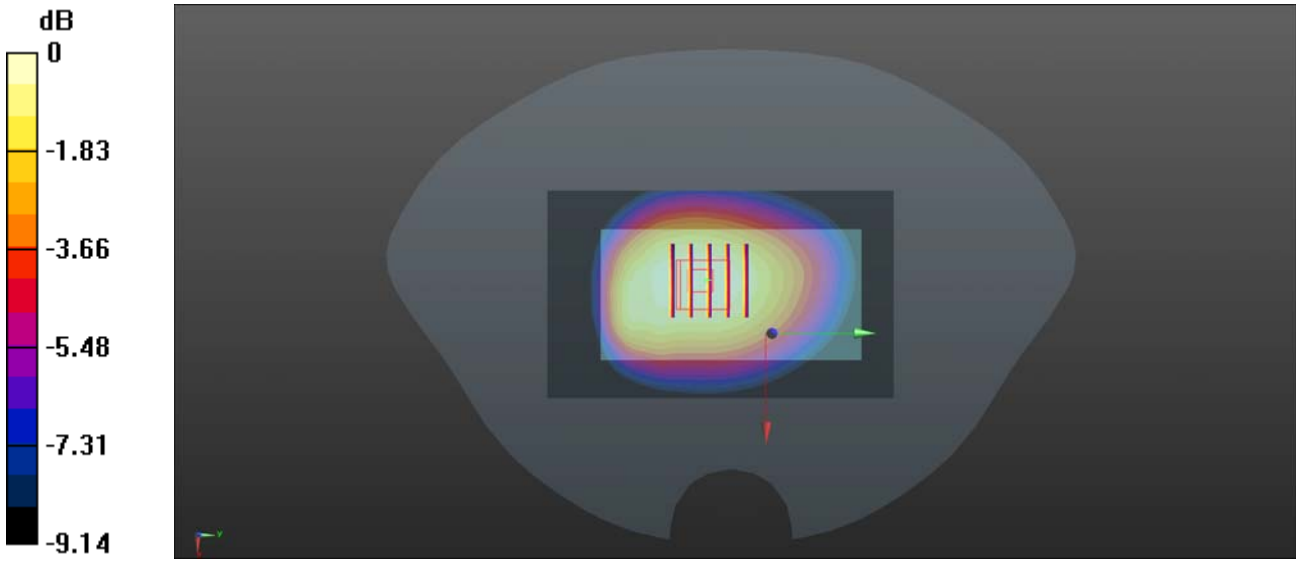
## LTE Band 17_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch23790

Communication System: UID 0, LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 710 MHz; $\sigma$ = 0.919 S/m; $\varepsilon_r$ = 42.203; $\rho$ = 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23790/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.273 W/kg

**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.61 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.344 W/kg
**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.193 W/kg**
Maximum value of SAR (measured) = 0.276 W/kg




0 dB = 0.273 W/kg

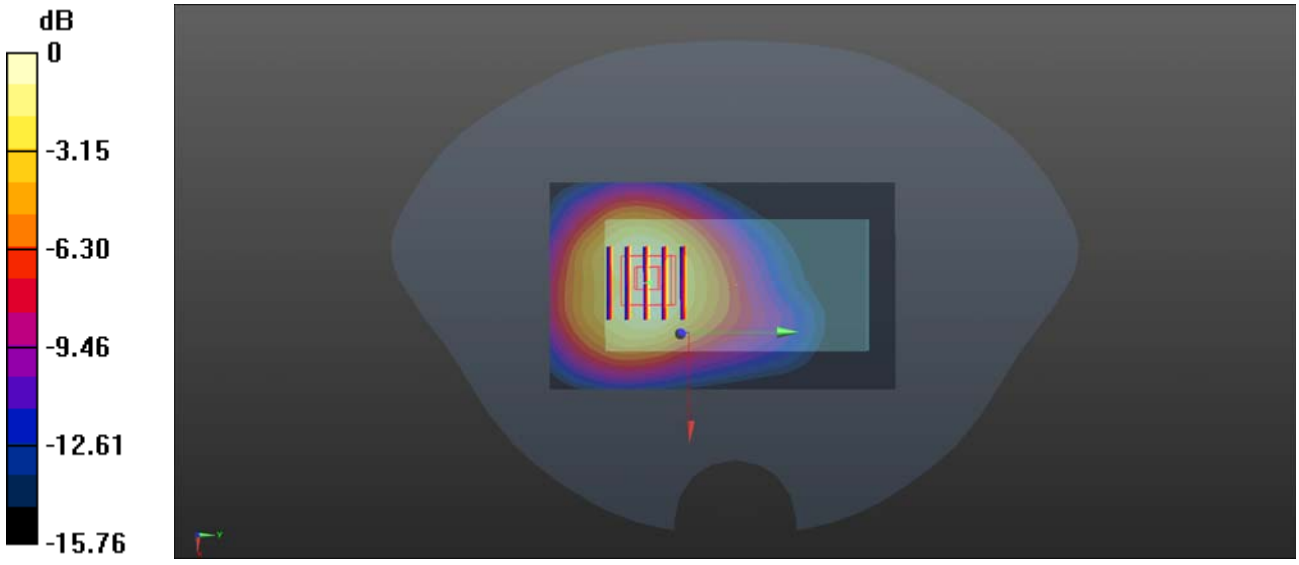
## LTE Band 25_20MHz_QPSK_1RB_49Offset_Back Side_10mm_Ch26140

Communication System: UID 0, LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1860 MHz; $\sigma$ = 1.341 S/m; $\varepsilon_r$ = 40.084; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.3 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26140/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.852 W/kg

**Ch26140/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.38 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.37 W/kg
**SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.472 W/kg**
Maximum value of SAR (measured) = 0.877 W/kg




0 dB = 0.852 W/kg

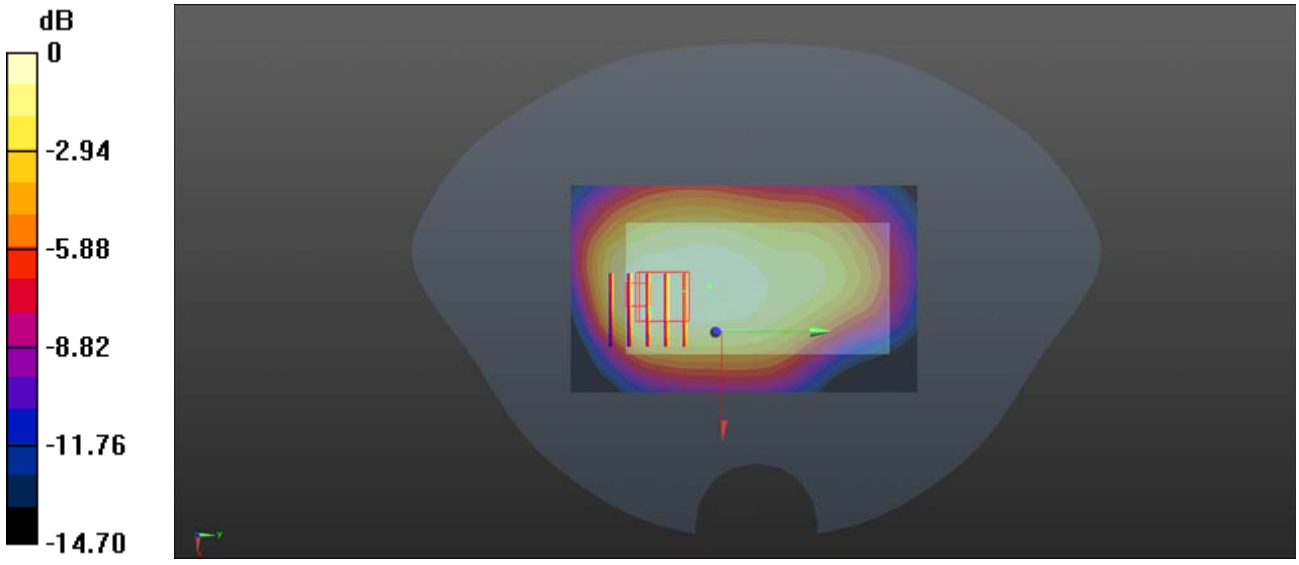
## LTE Band 26_15MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch26765

Communication System: UID 0, LTE (0); Frequency: 821.5 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 821.5 MHz; $\sigma$ = 0.89 S/m; $\varepsilon_r$ = 41.334; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(9.32, 9.32, 9.32); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26765/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.562 W/kg

**Ch26765/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.27 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.820 W/kg
**SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.359 W/kg**
Maximum value of SAR (measured) = 0.557 W/kg




0 dB = 0.562 W/kg

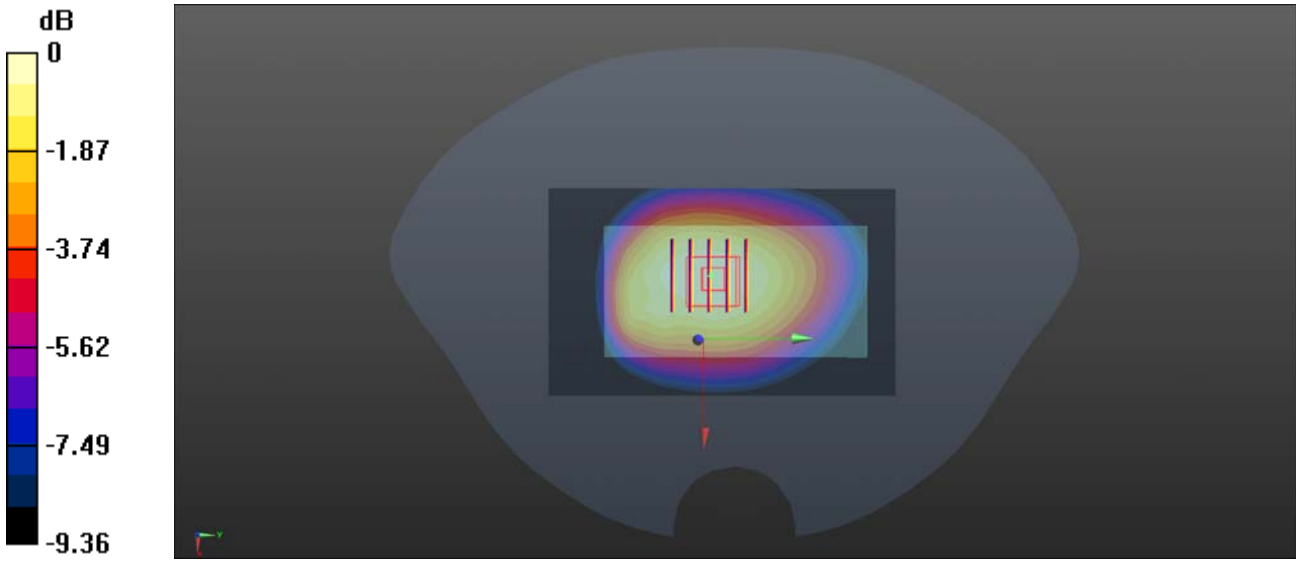
## LTE Band 28_20MHz_QPSK_1RB_49Offset_Back Side_10mm_Ch27310

Communication System: UID 0, LTE (0); Frequency: 713 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 713 MHz; $\sigma$ = 0.925 S/m; $\varepsilon_r$ = 42.133; $\rho$ = 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch27310/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.404 W/kg

**Ch27310/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.20 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.503 W/kg
**SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.291 W/kg**
Maximum value of SAR (measured) = 0.409 W/kg




0 dB = 0.404 W/kg

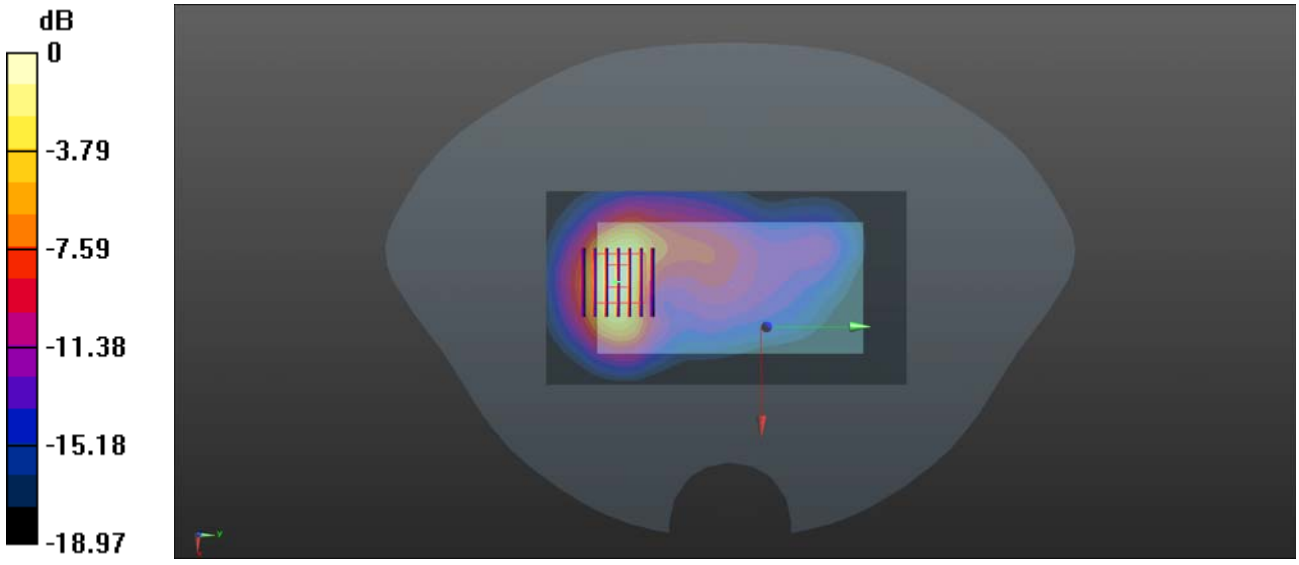
## LTE Band 30_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch27710

Communication System: UID 0, LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: HSL_2300 Medium parameters used: f = 2310 MHz; $\sigma$ = 1.636 S/m; $\varepsilon_r$ = 39.858; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃； Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.55, 7.55, 7.55); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch27710/Area Scan (71x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

**Ch27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.683 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.72 W/kg
**SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.406 W/kg**
Maximum value of SAR (measured) = 0.982 W/kg




0 dB = 1.07 W/kg

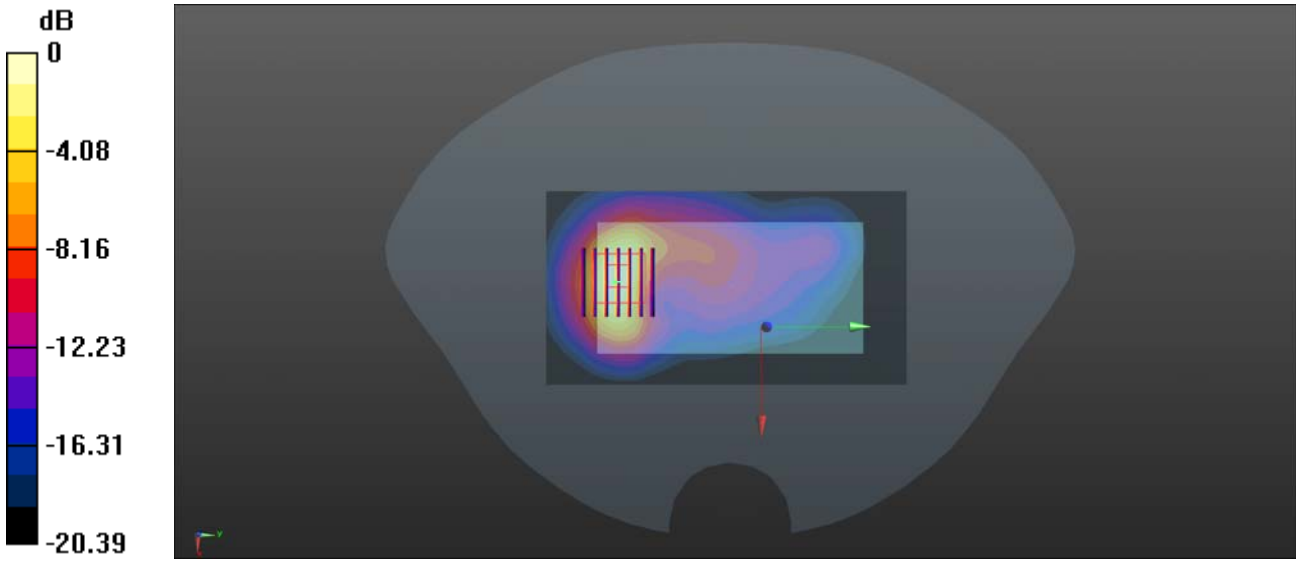
## LTE Band 41_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch40185

Communication System: UID 0, LTE (0); Frequency: 2549.5 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2549.5 MHz; $\sigma$ = 1.902 S/m; $\varepsilon_r$ = 38.934; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(6.98, 6.98, 6.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch40185/Area Scan (61x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

**Ch40185/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.499 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.16 W/kg
**SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.452 W/kg**
Maximum value of SAR (measured) = 1.08 W/kg




0 dB = 1.13 W/kg

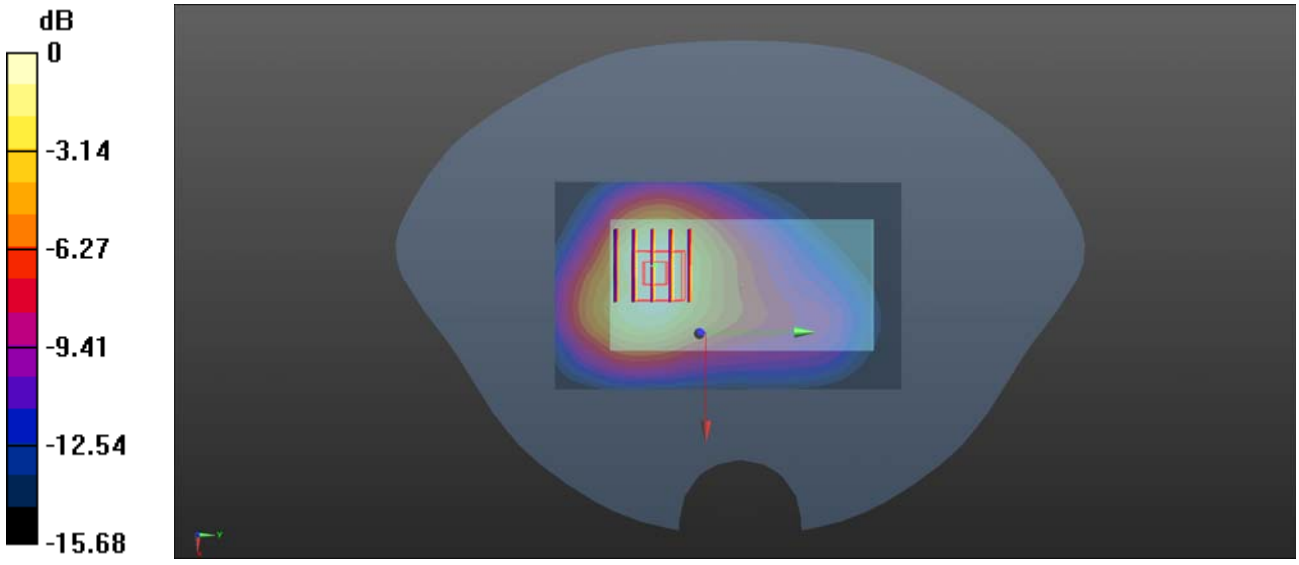
## LTE Band 66_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch132572

Communication System: UID 0, LTE (0); Frequency: 1770 MHz;Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: f = 1770 MHz; $\sigma$ = 1.438 S/m; $\varepsilon_r$ = 39.454; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.98, 7.98, 7.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch132572/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.827 W/kg

**Ch132572/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.820 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.29 W/kg
**SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.443 W/kg**
Maximum value of SAR (measured) = 0.833 W/kg




0 dB = 0.833 W/kg

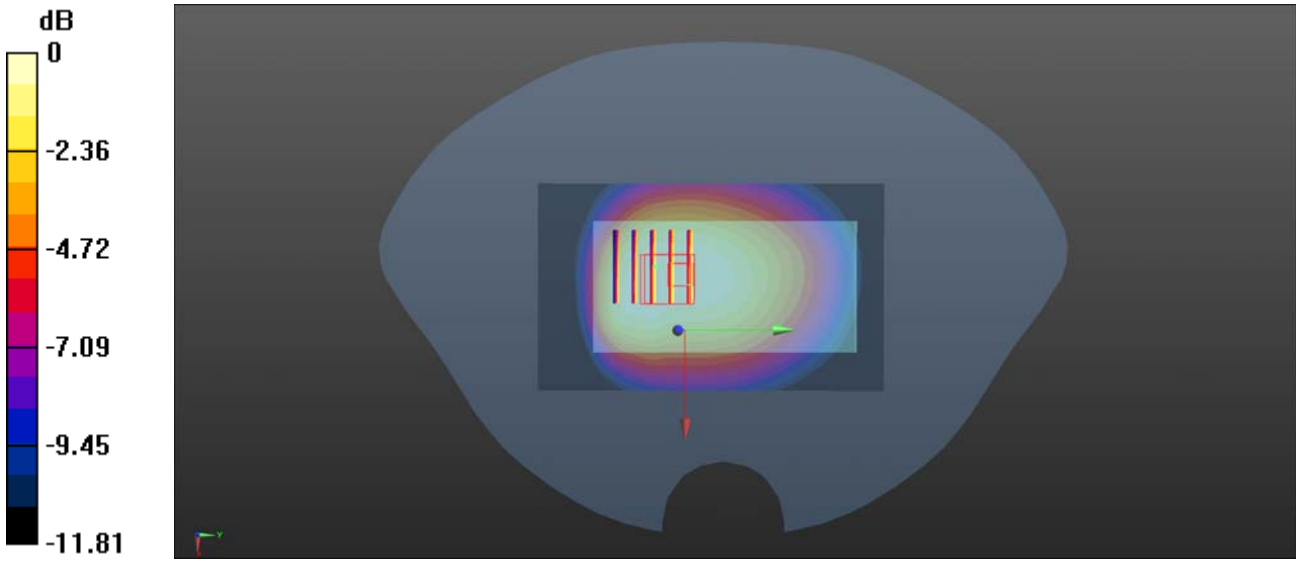
## LTE Band 71_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch133222

Communication System: UID 0, LTE (0); Frequency: 673 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 673 MHz; $\sigma$ = 0.909 S/m; $\varepsilon_r$ = 42.403; $\rho$ = 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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch133222/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0891 W/kg

**Ch133222/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.479 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.114 W/kg
**SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.061 W/kg**
Maximum value of SAR (measured) = 0.0896 W/kg




0 dB = 0.0891 W/kg

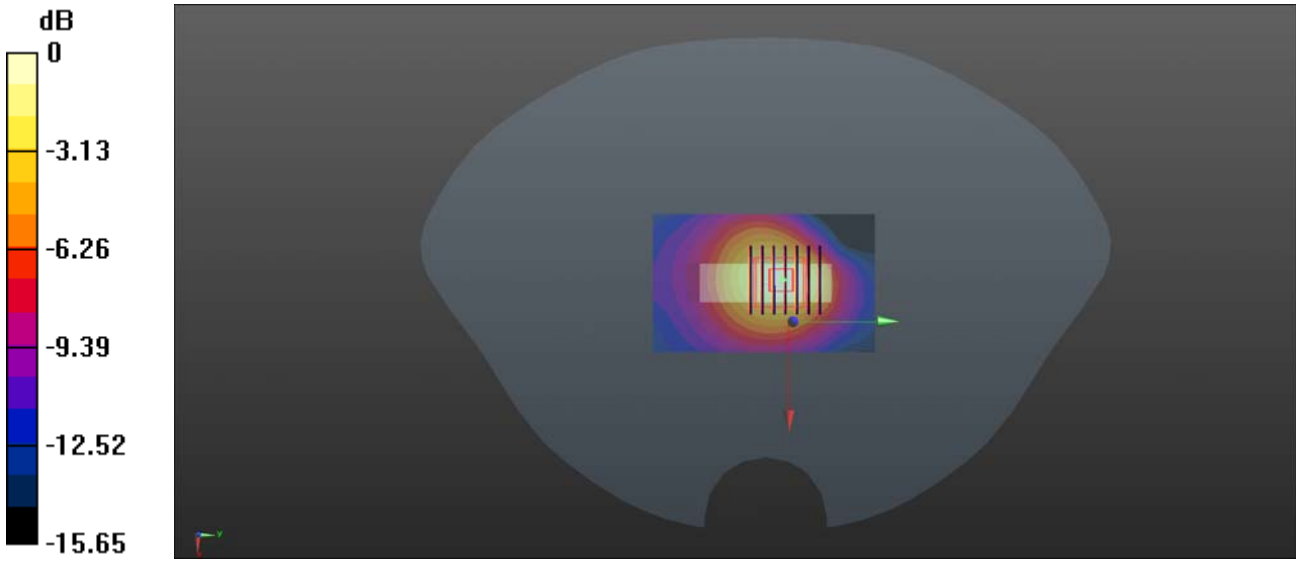
## WLAN 2.4GHz_802.11b 1Mbps_Top Side_10mm_Ch6

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: f = 2437 MHz; $\sigma$ = 1.782 S/m; $\varepsilon_r$ = 39.378; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.1 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.34, 7.34, 7.34); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch6/Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.204 W/kg

**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.917 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.340 W/kg
**SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.091 W/kg**
Maximum value of SAR (measured) = 0.197 W/kg




0 dB = 0.204 W/kg