Annex D Plots of Maximum SAR Test Results

Test Laboratory: Morlab SAR Testing Lab Date: 2017.12.06

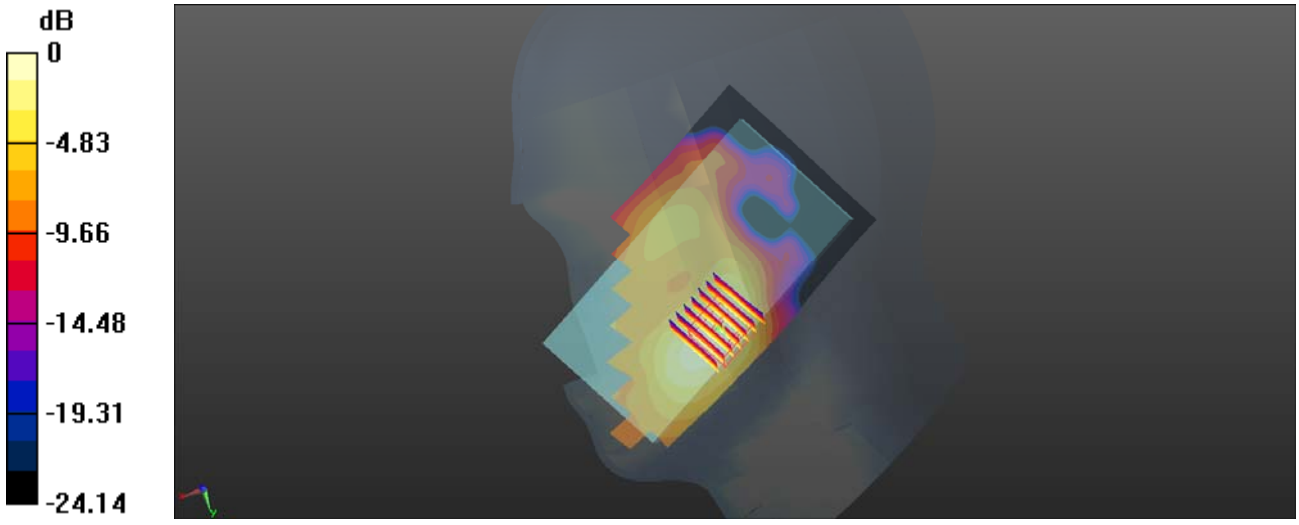
01_LTE Band 30_10MHz_QPSK_1RB_0Offset_Right cheek_Ch27710

Communication System: UID 0, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: HSL_2300_171206 Medium parameters used: f = 2310 MHz; σ = 1.998 S/m; ε_r = 41.645; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3154; ConvF(4.76, 4.76, 4.76); Calibrated: 2017.10.30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2017.09.27
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch27710/Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.103 W/kg

Ch27710/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.2290 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.191 W/kg
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.051 W/kg
Maximum value of SAR (measured) = 0.109 W/kg



0 dB = 0.103 W/kg

Test Laboratory: Morlab SAR Testing Lab Date: 2017.12.11

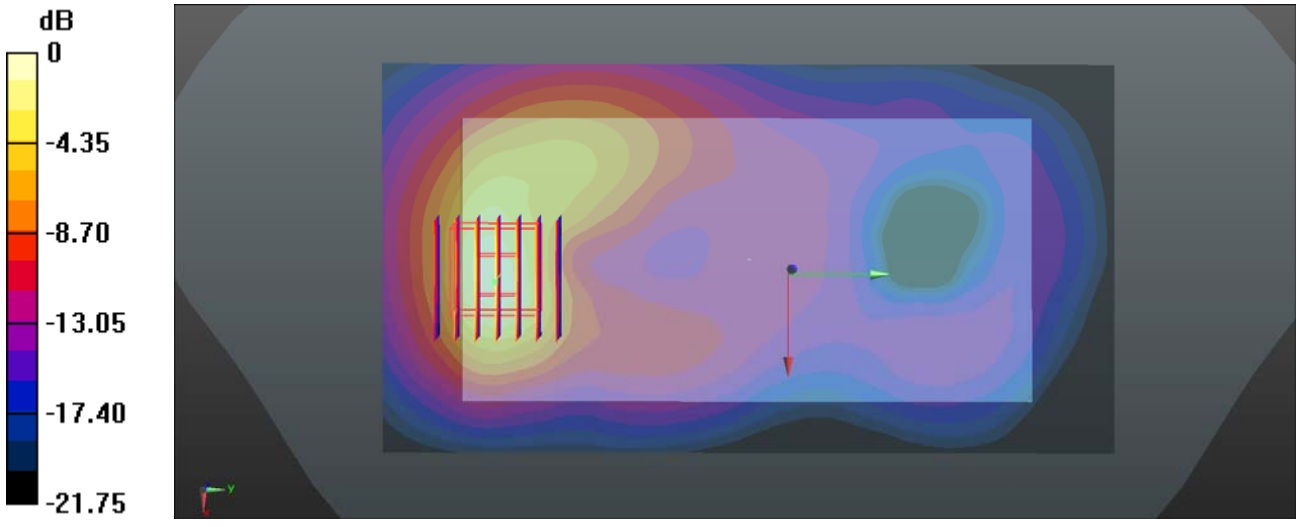
02_LTE Band 30_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch27710

Communication System: UID 0, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: MSL_2300_171206 Medium parameters used: f = 2310 MHz; σ = 1.982 S/m; ε_r = 52.44; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3154; ConvF(4.4, 4.4, 4.4); Calibrated: 2017.10.30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2017.09.27
- 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 (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.519 W/kg

Ch27710/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.367 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.982 W/kg
SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.218 W/kg
Maximum value of SAR (measured) = 0.552 W/kg



0 dB = 0.552 W/kg

Test Laboratory: Morlab SAR Testing Lab Date: 2017.12.11

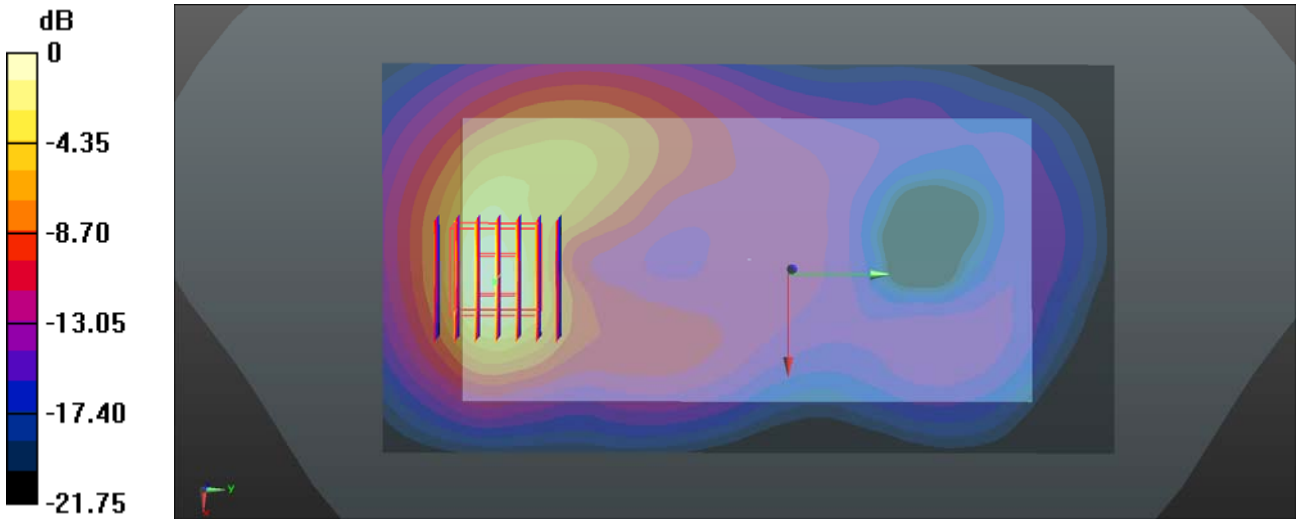
03_LTE Band 30_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch27710

Communication System: UID 0, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: MSL_2300_171206 Medium parameters used: f = 2310 MHz; σ = 1.982 S/m; ε_r = 52.44; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3154; ConvF(4.4, 4.4, 4.4); Calibrated: 2017.10.30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2017.09.27
- 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 (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.519 W/kg

Ch27710/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.367 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.982 W/kg
SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.218 W/kg
Maximum value of SAR (measured) = 0.552 W/kg



0 dB = 0.552 W/kg