



REPORT No. : SZ17120028S01

Annex D Plots of Maximum SAR Test Results

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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; $\sigma = 1.998$ S/m; $\epsilon_r = 41.645$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

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

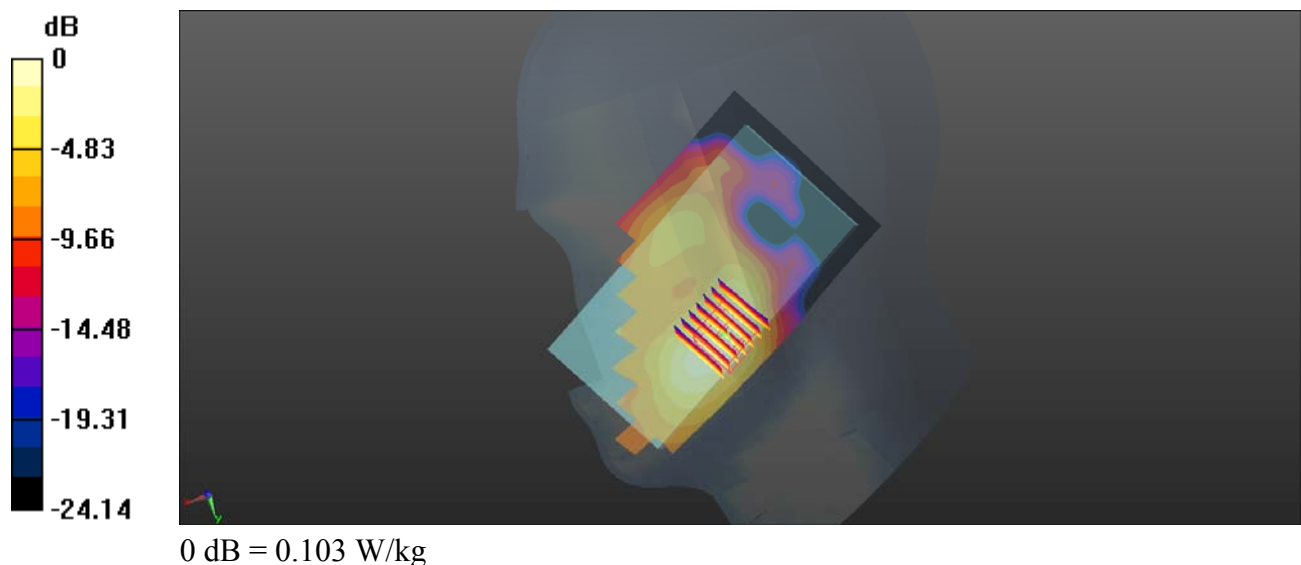
Ch27710/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



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; $\sigma = 1.982$ S/m; $\epsilon_r = 52.44$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

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

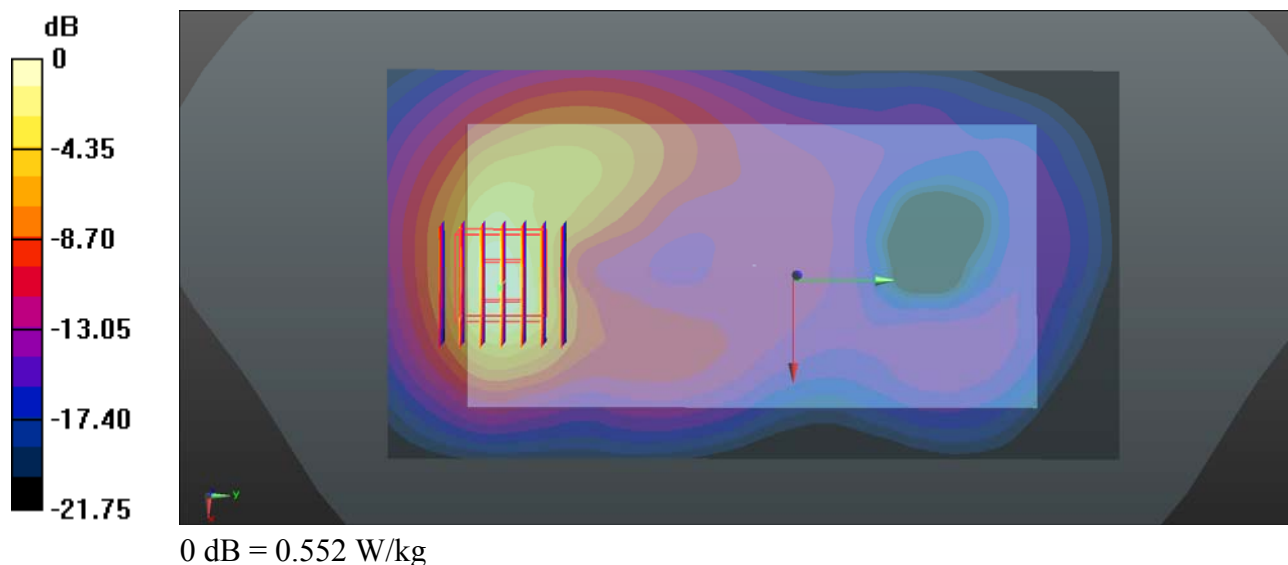
Ch27710/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



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; $\sigma = 1.982$ S/m; $\epsilon_r = 52.44$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

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

