



REPORT No. : SZ19080292S01

Annex D Plots of Maximum SAR Test Results

LTE Band 41_20MHz_QPSK_1RB_0Offset_Top Side_5mm_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; $\sigma = 1.978$ S/m; $\epsilon_r = 39.693$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.4 °C

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)

Ch40185/Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.759 W/kg

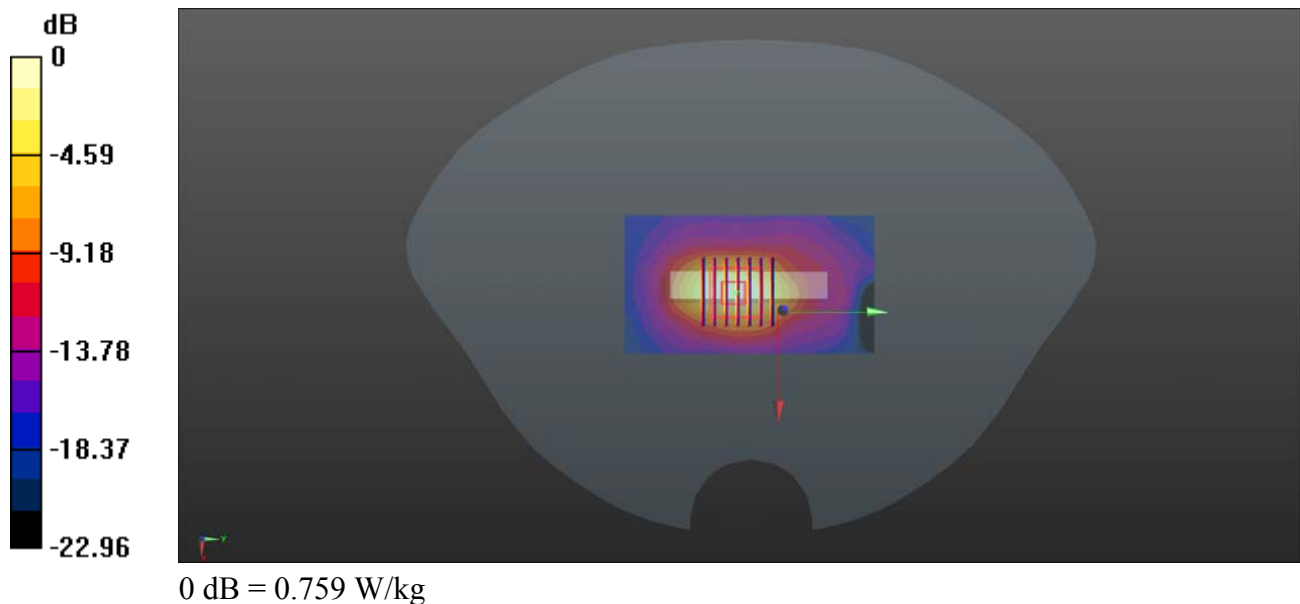
Ch40185/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.91 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.275 W/kg

Maximum value of SAR (measured) = 0.746 W/kg



WLAN 2.4GHz_802.11b 1Mbps_Fornt Side_5mm_Ch7_Ant a

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2442 MHz; Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2442$ MHz; $\sigma = 1.832$ S/m; $\epsilon_r = 40.973$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

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)

Ch7/Area Scan (91x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.823 W/kg

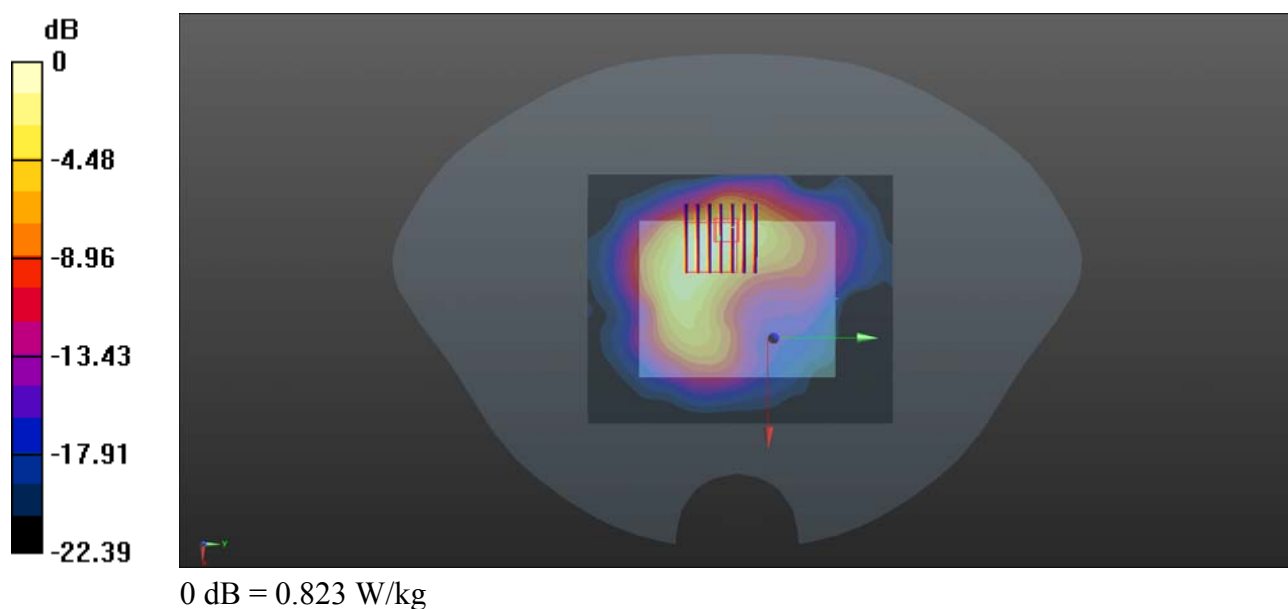
Ch7/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.431 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.641 W/kg; SAR(10 g) = 0.319 W/kg

Maximum value of SAR (measured) = 0.720 W/kg



WLAN 2.4GHz_802.11b 1Mbps_Fornt Side_5mm_Ch1_Ant b

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.807$ S/m; $\epsilon_r = 40.964$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

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)

Ch1/Area Scan (91x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.425 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.841 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.895 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 0.393 W/kg

