



REPORT No. : SZ19020085S01

Annex D Plots of Maximum SAR Test Results

WLAN 2.4GHz_802.11b 1Mbps_Front Side_10mm_Ch6

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.022
Medium: HSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.828$ S/m; $\epsilon_r = 40.968$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.34, 7.34, 7.34); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.190 W/kg

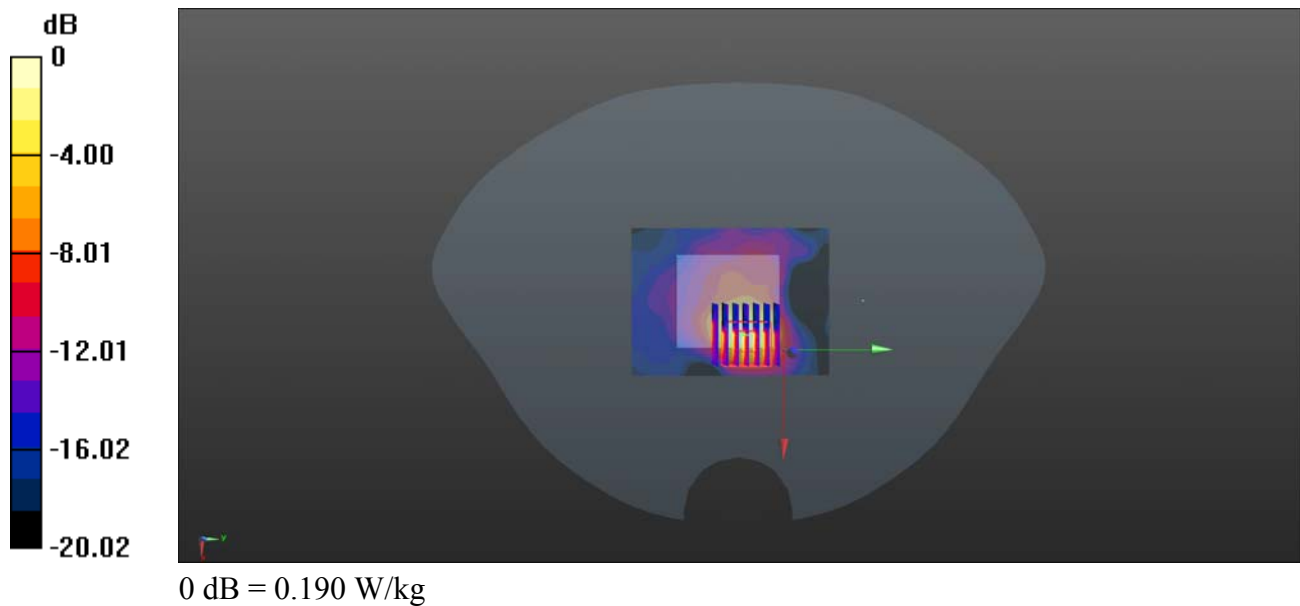
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.210 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.198 W/kg



WLAN 2.4GHz_802.11b 1Mbps_Back Side_0mm_Ch6

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.022
Medium: MSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.849$ S/m; $\epsilon_r = 53.049$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- 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 (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.246 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.09 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.406 W/kg

SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.247 W/kg

