



REPORT No.: SZ20120249S01

Annex D Plots of Maximum SAR Test Results

WLAN 2.4GHz_802.11b 1Mbps_Horizontal Down_5mm_Ch7

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; $\sigma = 1.808$ S/m; $\epsilon_r = 38.829$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.58, 7.58, 7.58); Calibrated: 2020.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD000P40CC; Serial: 1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.10 (7331)

Ch7/Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.42 W/kg

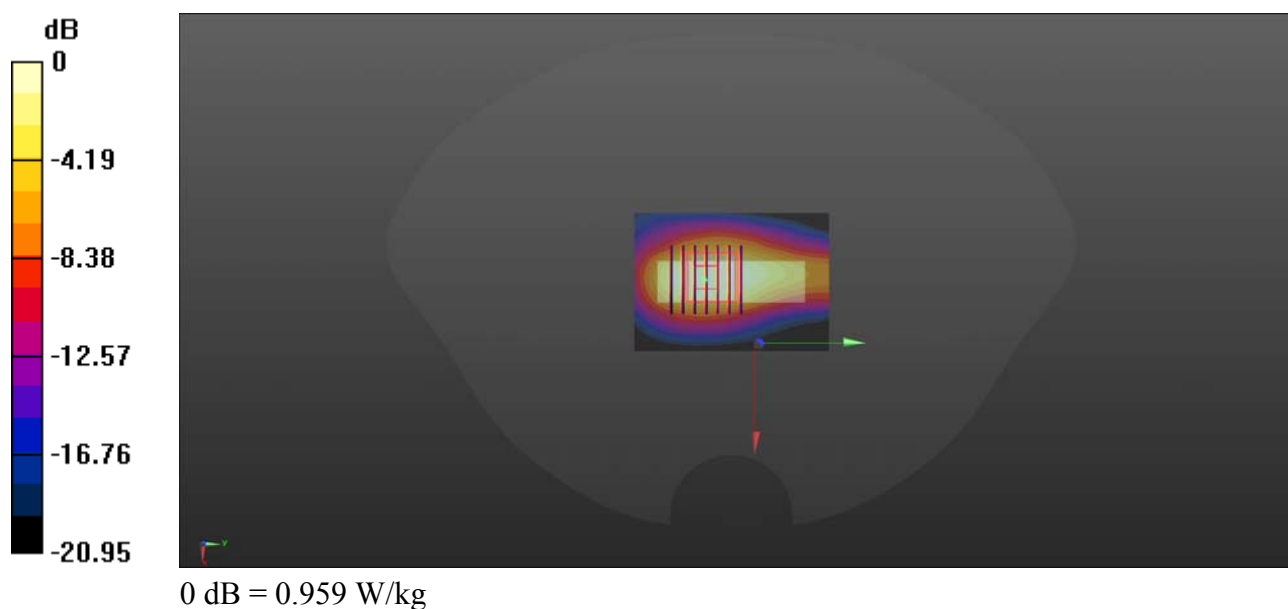
Ch7/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.04 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.391 W/kg

Maximum value of SAR (measured) = 0.959 W/kg



WLAN 5.2GHz_802.11ac-HT40 MCS0_Horizontal Dowm_5mm_Ch38

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5190 MHz;Duty Cycle: 1:1
Medium: HSL_5250 Medium parameters used: $f = 5190$ MHz; $\sigma = 4.63$ S/m; $\epsilon_r = 36.154$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.36, 5.36, 5.36); Calibrated: 2020.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: SAM 2; Type: QD000P40CC; Serial: 1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38/Area Scan (51x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.878 W/kg

Ch38/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.143 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 1.02 W/kg

