



REPORT No. : SZ18010104S01

Annex D Plots of Maximum SAR Test Results

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MORLAB

SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co., Ltd.
FL1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

Tel: 86-755-36698555

Fax: 86-755-36698525

[Http://www.morlab.cn](http://www.morlab.cn)

E-mail: service@morlab.cn

WLAN 2.4GHz_802.11 b 1Mbps_Bottom Face_0mm_Ch1

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: MSL_2450_180112 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 52.292$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3154; ConvF(4.28, 4.28, 4.28); 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)

Ch1/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.915 W/kg

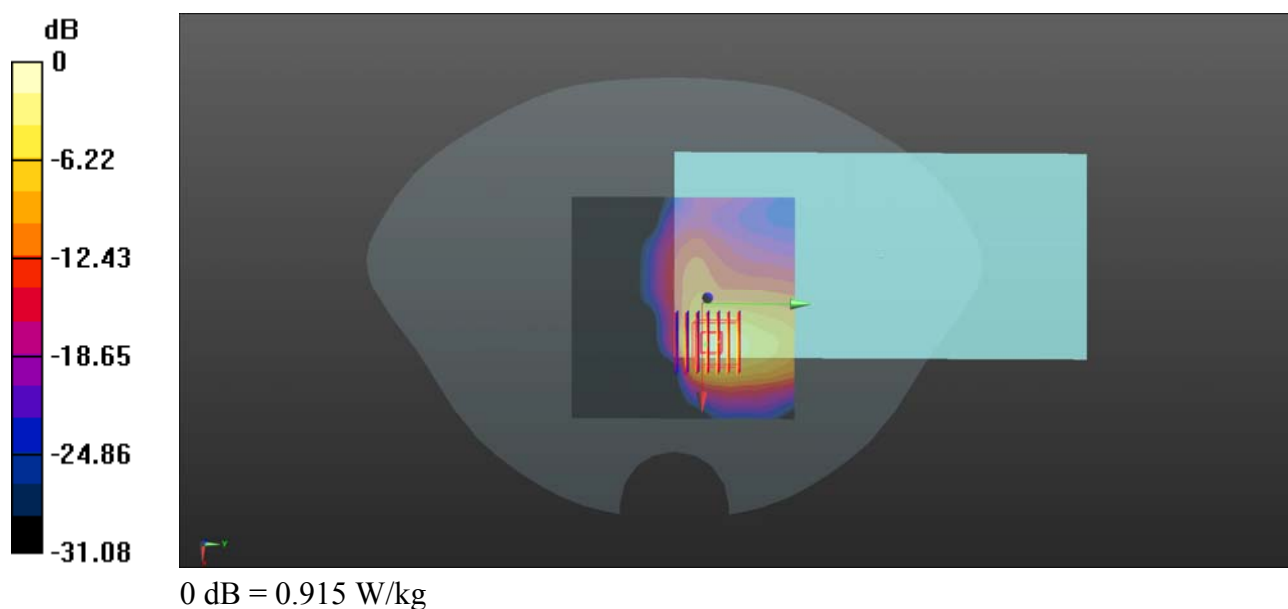
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.153 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 0.784 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (measured) = 0.884 W/kg



WLAN 2.4GHz_802.11 g 6Mbps_Bottom Face_0mm_Ch1

Communication System: UID 0, WLAN 2.4GHz 802.11g (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: MSL_2450_180112 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 52.292$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3154; ConvF(4.28, 4.28, 4.28); 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)

Ch1/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.947 W/kg

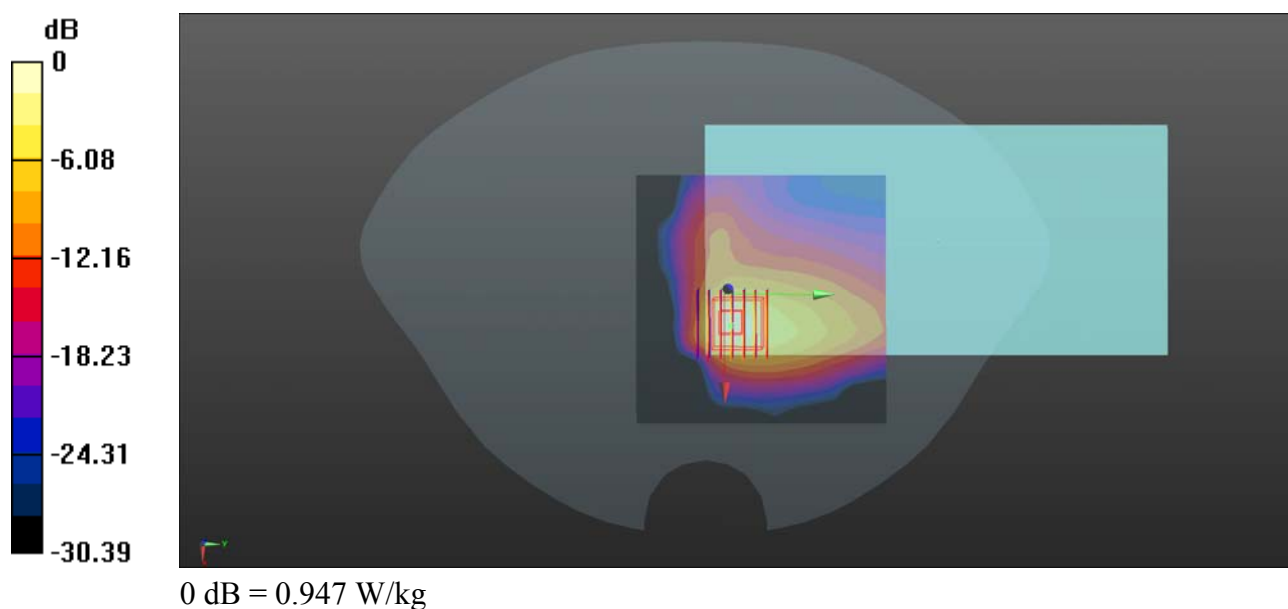
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.097 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.310 W/kg

Maximum value of SAR (measured) = 0.819 W/kg



WLAN 2.4GHz_802.11 b 1Mbps_Bottom Face_0mm_Ch11_Repeat SAR

Communication System: UID 0, WLAN 2.4GHz 802.11g (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium: MSL_2450_180112 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.058$ S/m; $\epsilon_r = 51.542$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3154; ConvF(4.28, 4.28, 4.28); 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)

Ch11/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.909 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.788 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 0.805 W/kg

