



REPORT No.: SZ24040023S01

Annex D Plots of Maximum SAR Test Results

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.04.27

WLAN2.4GHz_802.11b 1Mbps_Horizontal-Down_5mm_Ch13

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2472 MHz; Duty Cycle: 1:1.006

Medium: HSL_2450 Medium parameters used: $f = 2472$ MHz; $\sigma = 1.848$ S/m; $\epsilon_r = 38.816$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.22, 7.22, 7.22) @ 2472 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch13/Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.104 W/kg

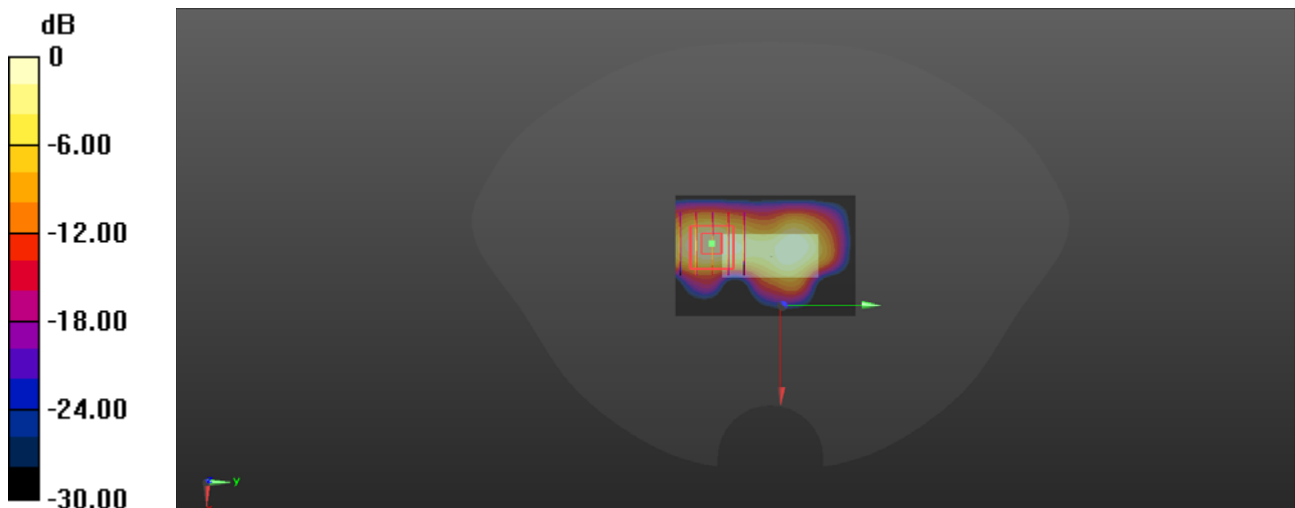
Ch13/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.076 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0809 W/kg



0 dB = 0.0809 W/kg

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Date: 2024.04.29

WLAN 5.2GHz_802.11ac-VHT20 MCS0_Horizontal-Down_5mm_Ch36

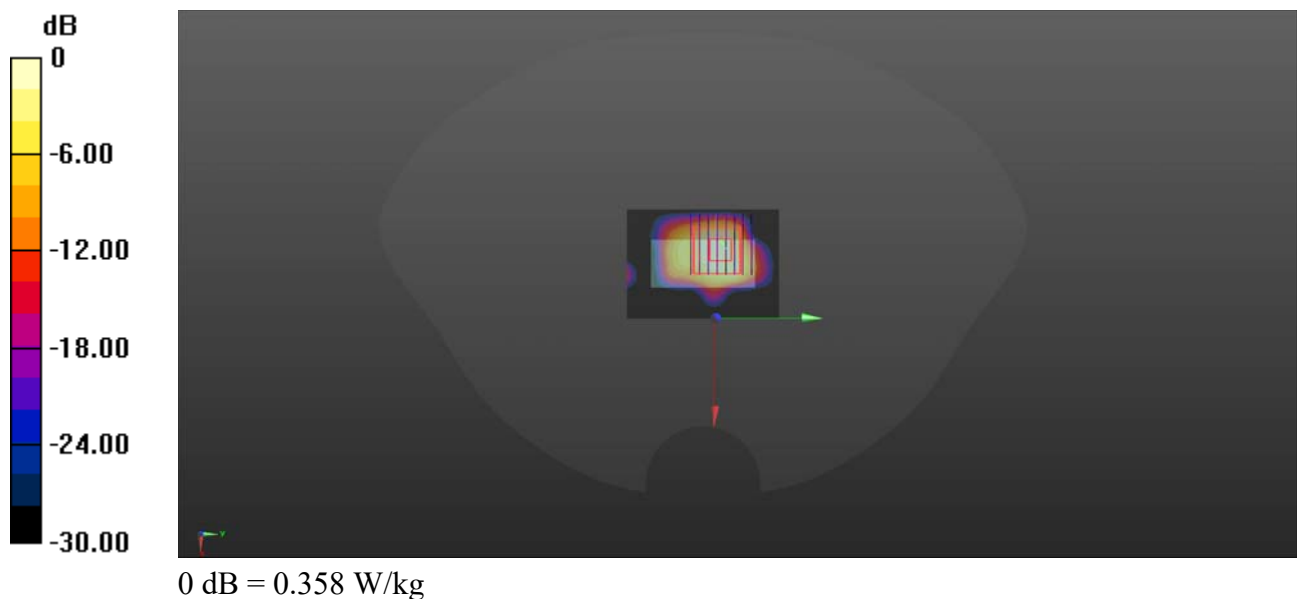
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5180 MHz; Duty Cycle: 1:1.084
Medium: HSL_5250 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.486$ S/m; $\epsilon_r = 36.353$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(5.21, 5.21, 5.21) @ 5180 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch36/Area Scan (51x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.447 W/kg

Ch36/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.297 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.735 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.358 W/kg



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Date: 2024.04.30

WLAN 5.8GHz_802.11ac-VHT20 MCS0_Vertical-Back_5mm_Ch165

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1.039
Medium: HSL_5750 Medium parameters used: $f = 5825$ MHz; $\sigma = 5.105$ S/m; $\epsilon_r = 34.833$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.62, 4.62, 4.62) @ 5825 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch165/Area Scan (41x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.45 W/kg

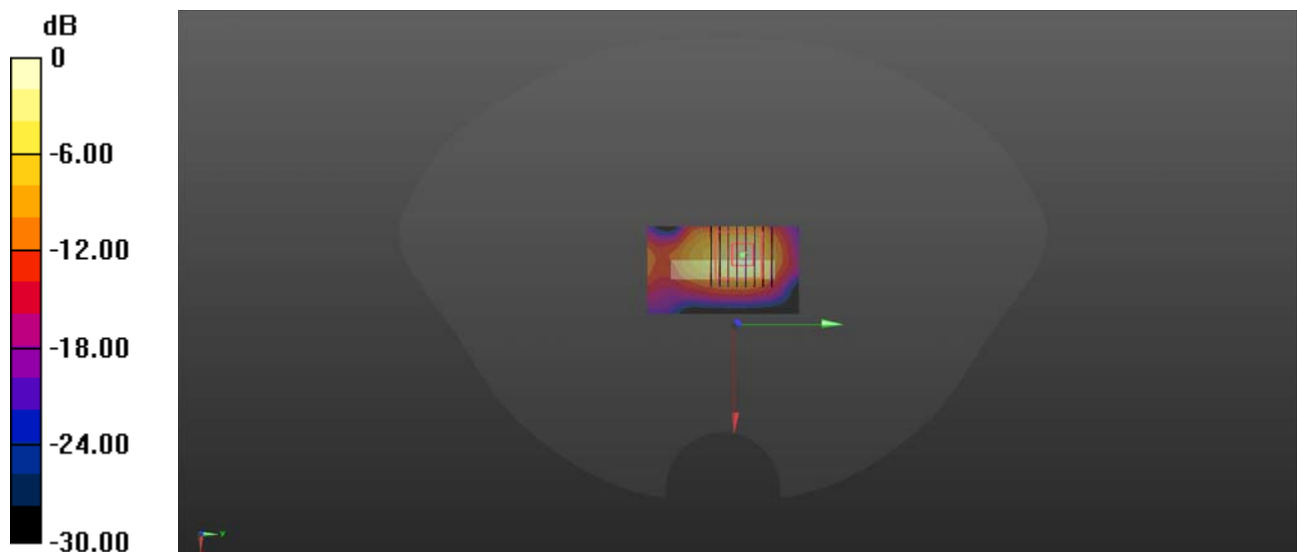
Ch165/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.970 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.60 W/kg

SAR(1 g) = 0.843 W/kg; SAR(10 g) = 0.243 W/kg

Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 1.75 W/kg