# Annex D Plots of Maximum SAR Test Results

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2022.11.03

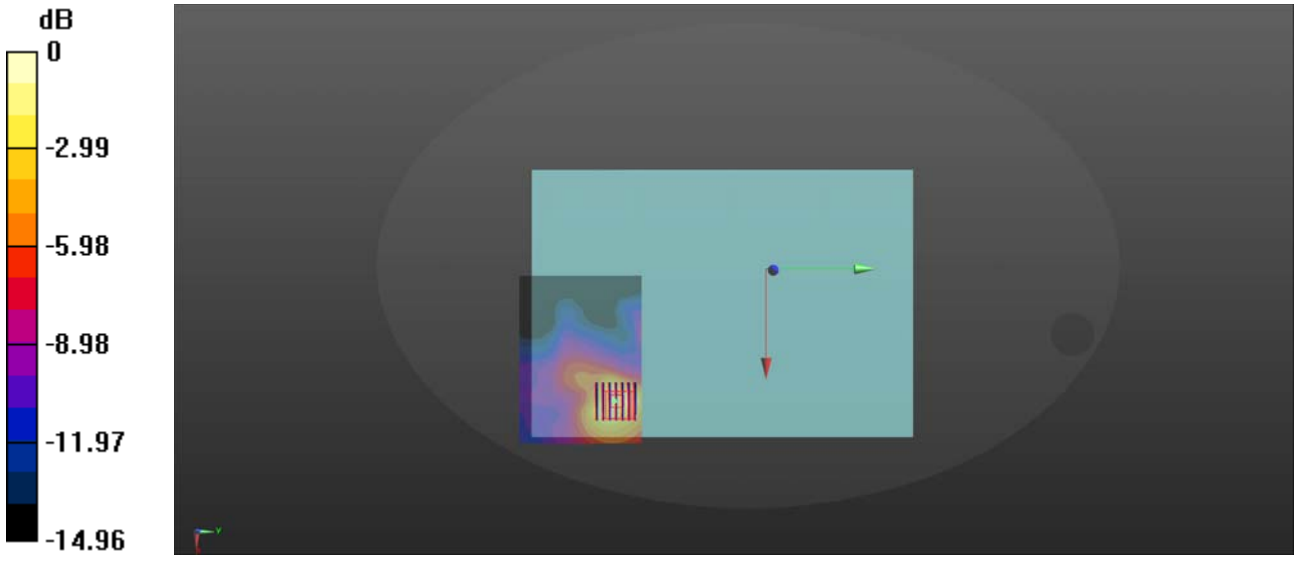
# WLAN 2.4GHz_802.11b 1Mbps_Bottom Surface 0mm_Ch1

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2442 MHz;Duty Cycle: 1:1.024
Medium: HSL_2450 Medium parameters used (interpolated): f = 2442 MHz; $\sigma$ = 1.808 S/m; $\varepsilon_r$ = 38.829; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.42, 7.42, 7.42) @ 2450 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch1/Area Scan (111x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.424 W/kg

**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.496 W/kg
**SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.154 W/kg**
Maximum value of SAR (measured) = 0.381 W/kg




0 dB = 0.424 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2022.11.03

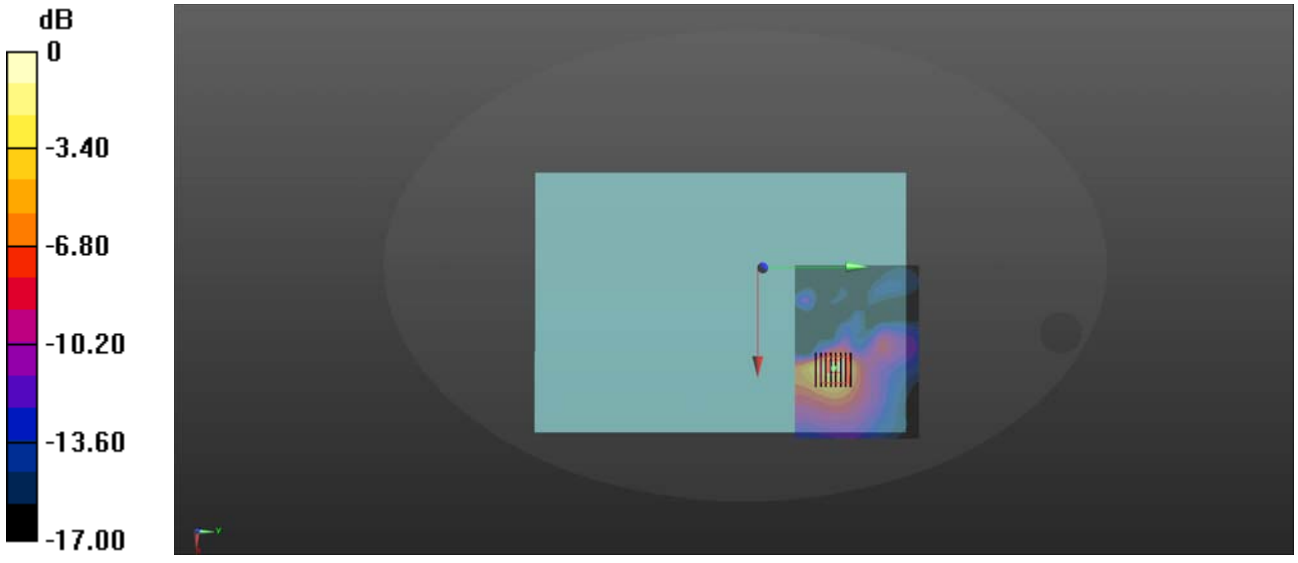
# WLAN 5.2GHz_802.11a MCS 0_Bottom Surface 0mm_Ch48

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5240 MHz;Duty Cycle: 1:1.142
Medium: HSL_5250 Medium parameters used: f = 5240 MHz; $\sigma$ = 4.685 S/m; $\varepsilon_r$ = 36.07; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(5.16, 5.16, 5.16) @ 5250 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch48/Area Scan (141x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.75 W/kg

**Ch48/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 2.84 W/kg
**SAR(1 g) = 0.806 W/kg; SAR(10 g) = 0.300 W/kg**
Maximum value of SAR (measured) = 1.46 W/kg




0 dB = 1.75 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2022.11.03

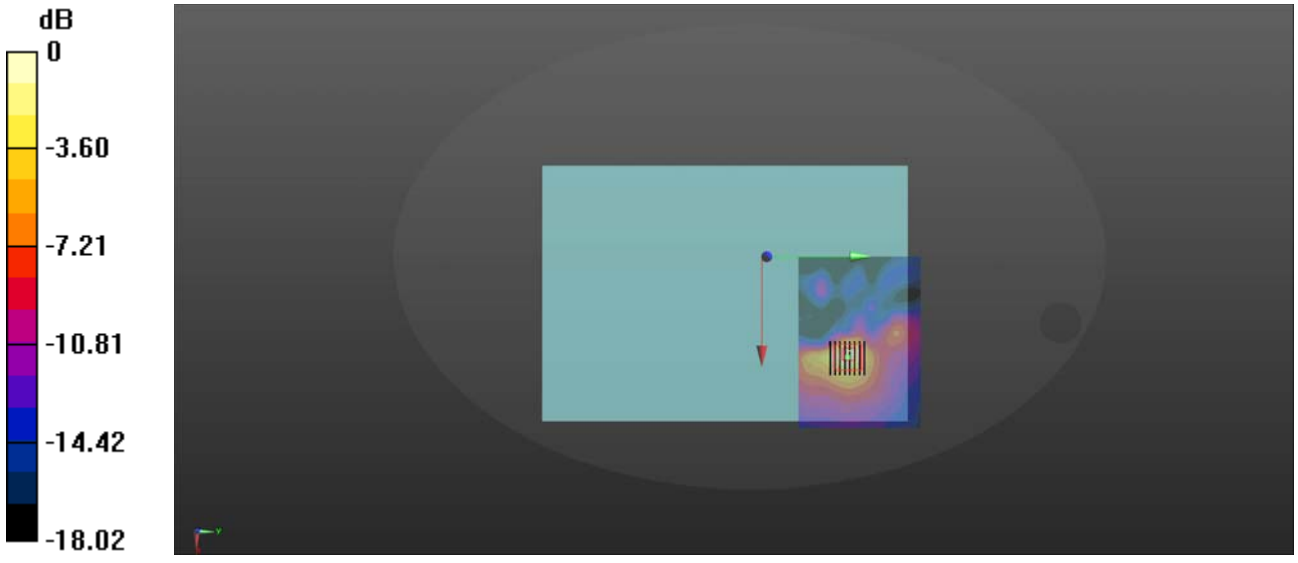
# WLAN 5.3GHz_802.11a MCS 0_Bottom Surface 0mm_Ch64

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5320 MHz;Duty Cycle: 1:1.142
Medium: HSL_5250 Medium parameters used: f = 5320 MHz; $\sigma$ = 4.787 S/m; $\varepsilon_r$ = 35.947; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(5.16, 5.16, 5.16) @ 5250 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch64/Area Scan (141x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.64 W/kg

**Ch64/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.487 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 3.12 W/kg
**SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.313 W/kg**
Maximum value of SAR (measured) = 1.60 W/kg




0 dB = 1.64 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2022.11.04

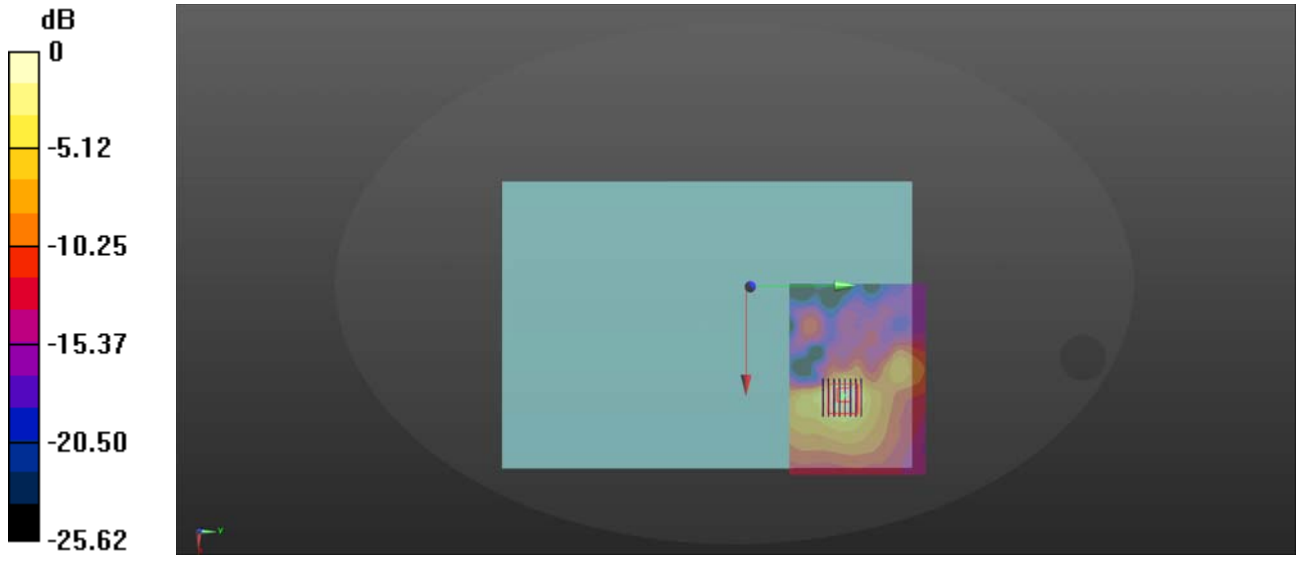
# WLAN 5.5GHz_802.11a MCS 0_Bottom Surface 0mm_Ch100

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz;Duty Cycle: 1:1.142
Medium: HSL_5600 Medium parameters used: f = 5500 MHz; $\sigma$ = 5.007 S/m; $\varepsilon_r$ = 35.63; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(4.74, 4.74, 4.74) @ 5600 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch100/Area Scan (141x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.66 W/kg

**Ch100/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.90 W/kg
**SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.300 W/kg**
Maximum value of SAR (measured) = 1.51 W/kg




0 dB = 1.66 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2022.11.04

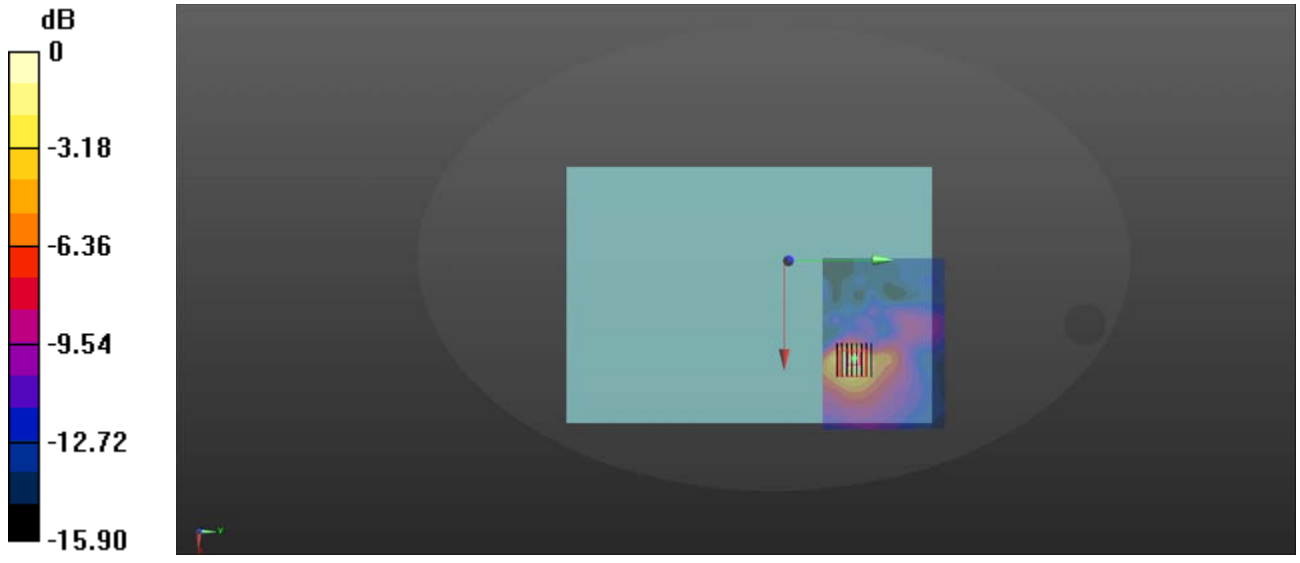
# WLAN 5.8GHz_802.11a MCS 0_Bottom Surface 0mm_Ch165

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5825 MHz;Duty Cycle: 1:1.142
Medium: HSL_5750 Medium parameters used: f = 5825 MHz; $\sigma$ = 5.388 S/m; $\varepsilon_r$ = 35.018; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(4.61, 4.61, 4.61) @ 5825 MHz; Calibrated: 2022.03.04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch165/Area Scan (141x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.42 W/kg

**Ch165/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.466 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 2.37 W/kg
**SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.273 W/kg**
Maximum value of SAR (measured) = 1.22 W/kg




0 dB = 1.42 W/kg