



REPORT No.: SZ25120191S01

Annex D Plots of Maximum SAR & PD Test Results

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

Date: 2026.01.07

WLAN5.2GHz_802.11ax-HEW20 MCS0_Bottom Side_0mm_Ch44_Ant1

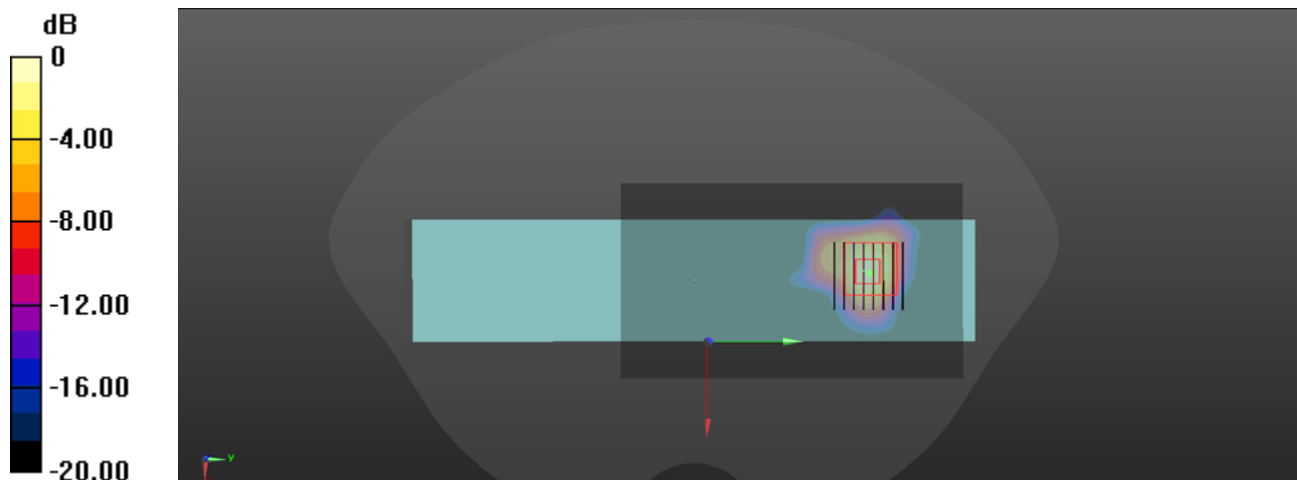
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5220 MHz; Duty Cycle: 1:1
Medium: HSL_5250 Medium parameters used: $f = 5220 \text{ MHz}$; $\sigma = 4.844 \text{ S/m}$; $\epsilon_r = 36.381$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.71, 5.67, 5.21) @ 5220 MHz; Calibrated: 2025.03.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2025.08.15
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch44/Area Scan (81x141x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 1.74 W/kg

Ch44/Zoom Scan (8x8x15)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 0 V/m ; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 3.29 W/kg
SAR(1 g) = 0.924 W/kg ; SAR(10 g) = 0.272 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 60.1%
Maximum value of SAR (measured) = 1.87 W/kg



0 dB = 1.74 W/kg = 2.41 dBW/kg

Measurement Report for Device, EDGE BOTTOM, U-NII-7, IEEE 802.11be (320MHz, MCS0, 99pc duty cycle), Channel 159 (6745.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	130.0 x 230.0 x 50.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	EDGE BOTTOM, 0.00	U-NII-7	WLAN, 11013-AAB	6745.000, 159	5.39	6.55	34.67

Hardware Setup

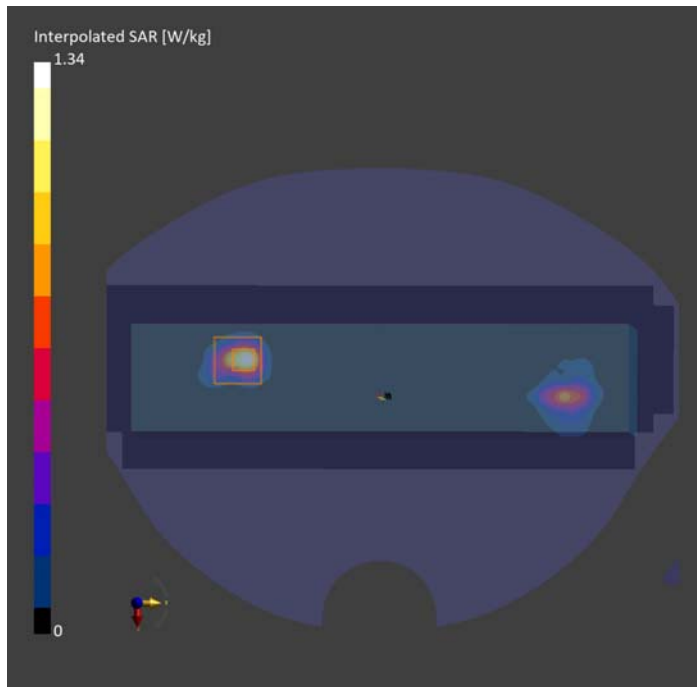
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2020	HBBL-600-10000 Charge:xxxx, --	EX3DV4 – SN7608, 2025-03-20	DAE4 Sn1324, 2025-08-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 272.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-14, 16:50	2026-01-14, 17:15
psSAR1g [W/kg]	0.930	0.934
psSAR10g [W/kg]	0.246	0.274
psAPD (1.0cm2, sq) [W/m2]		9.34
psAPD (4.0cm2, sq) [W/m2]		3.76
Power Drift [dB]	-0.10	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.0
Dist 3dB Peak [mm]		5.5



Measurement Report for Device, EDGE BOTTOM, U-NII-7, IEEE 802.11be (320MHz, MCS0, 99pc duty cycle), Channel 159 (6745.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	130.0 x 210.0 x 50.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE BOTTOM, 2.00	U-NII-7	WLAN, 10755-AAC	6745.0, 159	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EummWV4 – SN9602_F1–55GHz, 2025–03–19	DAE4 Sn1643, 2025–03–21

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2026–01–15, 13:37
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.04
psPDtot+ [W/m ²]	3.23
psPDmod+ [W/m ²]	3.52
E _{max} [V/m]	49.8
Power Drift [dB]	0.15

