

Appendix B

WIFI 6E

Device Under Test Properties

Model	Dimensions [mm]
Device	150.0 x 70.0 x 8.0

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	BACK, 0.00	U-NII-5	WLAN, 10683-AAC	5955.000, 1	5.45	5.39	35.8

Hardware Setup

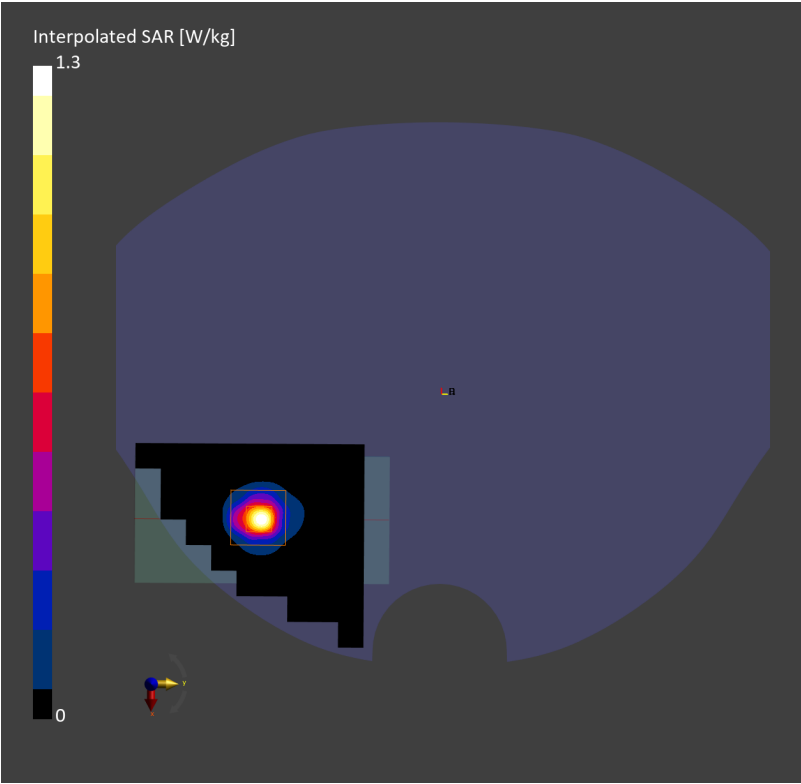
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL6.5GHz	EX3DV4 – SN7858, 2025-02-20	DAE4ip Sn1847, 2024-12-31

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 110.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 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	2025-08-15, 19:57	2025-08-15, 20:04
psSAR1g [W/Kg]	0.769	0.982
psSAR10g [W/Kg]	0.191	0.225
Power Drift [dB]	0.06	0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.3
Dist 3dB Peak [mm]		5.6



Measurement Report for Device, BACK, U-NII-5, IEEE 802.11ax (20MHz, MCS0), Channel 1 (5955.0 MHz)

Device Under Test Properties

Model	Dimensions [mm]	IMEI	DUT Type
Device	145.0 x 77.5 x 30.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	U-NII-5	WLAN, 10683-AAC	5955.0, 1	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1121	Air -	EUmmWV4 - SN9499_F1-55GHz, 2024-12-06	DAE4ip Sn1847, 2024-12-31

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 35.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2025-08-13, 12:26
Avg. Area [cm2]	4.00
psPDn+ [W/m2]	2.67
psPDtot+ [W/m2]	5.47
psPDmod+ [W/m2]	6.07
E _{max} [V/m]	65.0
Power Drift [dB]	0.18

