

Appendix B

WIFI 6G

Device Under Test Properties

Model	Dimensions [mm]
T5F2A	165.0 x 100.0 x 75.0

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	EDGE RIGHT, 10.00	U-NII-5	WLAN, 10731-AAC	5985.000, 7	5.45	5.49	36.5

Hardware Setup

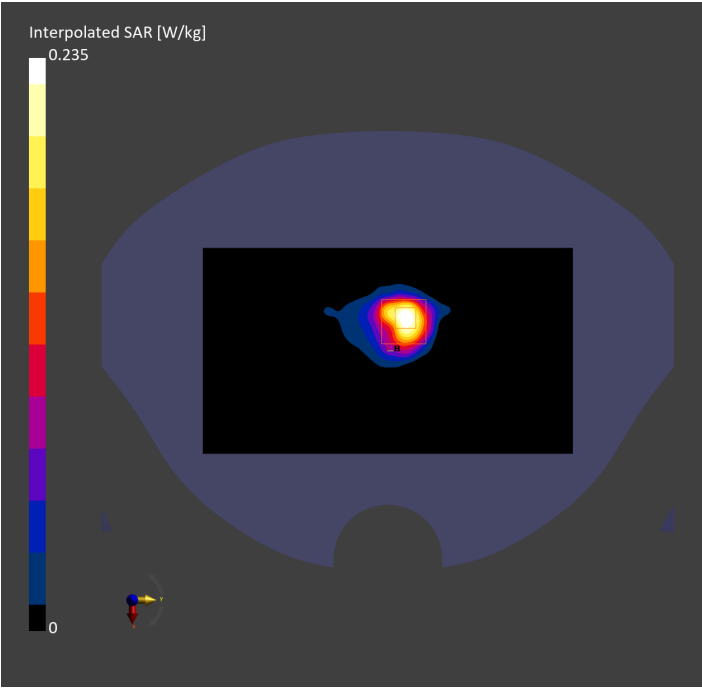
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL6.5GHz	EX3DV4 – SN7858, 2025-02-20	DAE4ip Sn1847, 2024-12-31

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	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	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-24, 04:47	2025-12-24, 04:54
psSAR1g [W/kg]	0.174	0.171
psSAR10g [W/kg]	0.060	0.054
psAPD (1.0cm2, sq) [W/m2]		1.71
psAPD (4.0cm2, sq) [W/m2]		1.25
Power Drift [dB]	0.01	0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		47.4
Dist 3dB Peak [mm]		8.3



Device Under Test Properties

Model	Dimensions [mm]
T5F2A	165.0 x 100.0 x 75.0

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	EDGE RIGHT, 0.00	U-NII-5	WLAN, 10731-AAC	5985.000, 7	5.45	5.49	36.5

Hardware Setup

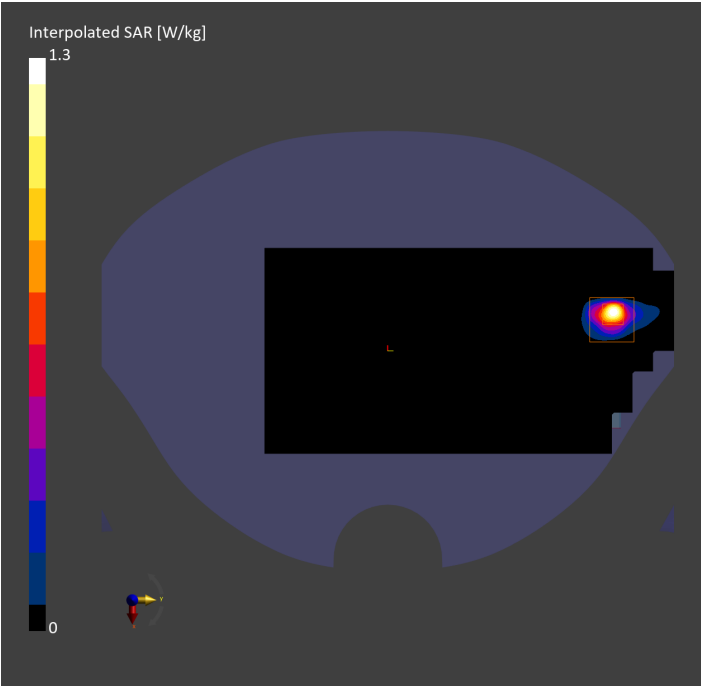
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL6.5GHz	EX3DV4 – SN7858, 2025-02-20	DAE4ip Sn1847, 2024-12-31

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 200.0	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	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-23, 22:07	2025-12-23, 22:14
psSAR1g [W/kg]	0.760	0.878
psSAR10g [W/kg]	0.176	0.167
psAPD (1.0cm2, sq) [W/m2]		8.78
psAPD (4.0cm2, sq) [W/m2]		4.03
Power Drift [dB]	-0.02	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		43.0
Dist 3dB Peak [mm]		4.4



Device Under Test Properties

Model, Manufacturer	Dimensions [mm]
T5F2A,	165.0 x 100.0 x 75.0

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE RIGHT, 2.00	U-NII-5	WLAN, 10731-AAC	6385.0, 87	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1121	Air –	EUmmWV4 – SN9455_F1-55GHz, 2025-06-30	DAE4ip Sn1847, 2024-12-31

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	35.0 x 80.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2025-12-23, 14:42
Avg. Area [cm2]	4.00
psPDn+ [W/m2]	2.92
psPDtot+ [W/m2]	4.24
psPDmod+ [W/m2]	5.93
E _{max} [V/m]	70.4
Power Drift [dB]	0.01

