

Appendix B

WIFI 6E

Device Under Test Properties

Model	Dimensions [mm]
SD7000	134.5 x 71.5 x 14.0

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 LEFT, 10.00	U-NII-5	WLAN, 10683-AAC	5955.000, 1	5.45	5.41	36.0

Hardware Setup

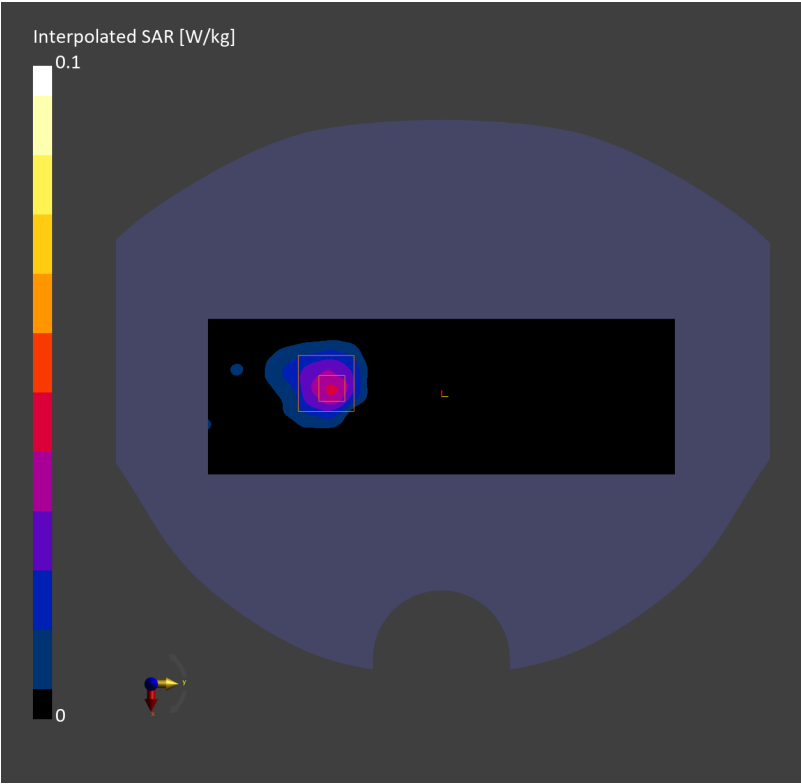
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL6.5GHz	EX3DV4 – SN7858, 2025-02-20	DAE4ip Sn1847, 2024-12-31

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 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	2025-09-15, 15:13	2025-09-15, 15:20
psSAR1g [W/Kg]	0.031	0.032
psSAR10g [W/Kg]	0.011	0.010
Power Drift [dB]	-0.16	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		67.4
Dist 3dB Peak [mm]		7.6



Device Under Test Properties

Model	Dimensions [mm]
SD7000	134.5 x 71.5 x 14.0

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, 10683-AAC	5955.000, 1	5.45	5.41	36.0

Hardware Setup

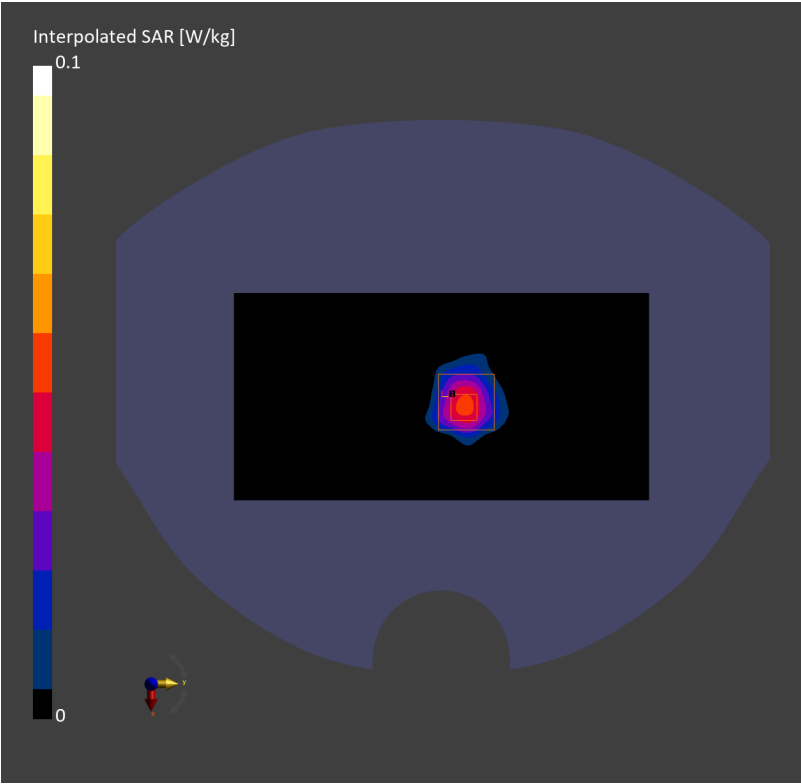
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL6.5GHz	EX3DV4 – SN7858, 2025-02-20	DAE4ip Sn1847, 2024-12-31

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 160.0	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	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-09-15, 17:22	2025-09-15, 17:35
psSAR1g [W/Kg]	0.040	0.040
psSAR10g [W/Kg]	0.013	0.01
Power Drift [dB]	-0.08	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		46.8
Dist 3dB Peak [mm]		8.3



Device Under Test Properties

Model	Dimensions [mm]
SD7000	134.5 x 71.5 x 14.0

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, 10683-AAC	5955.000, 1	5.45	5.41	36.0

Hardware Setup

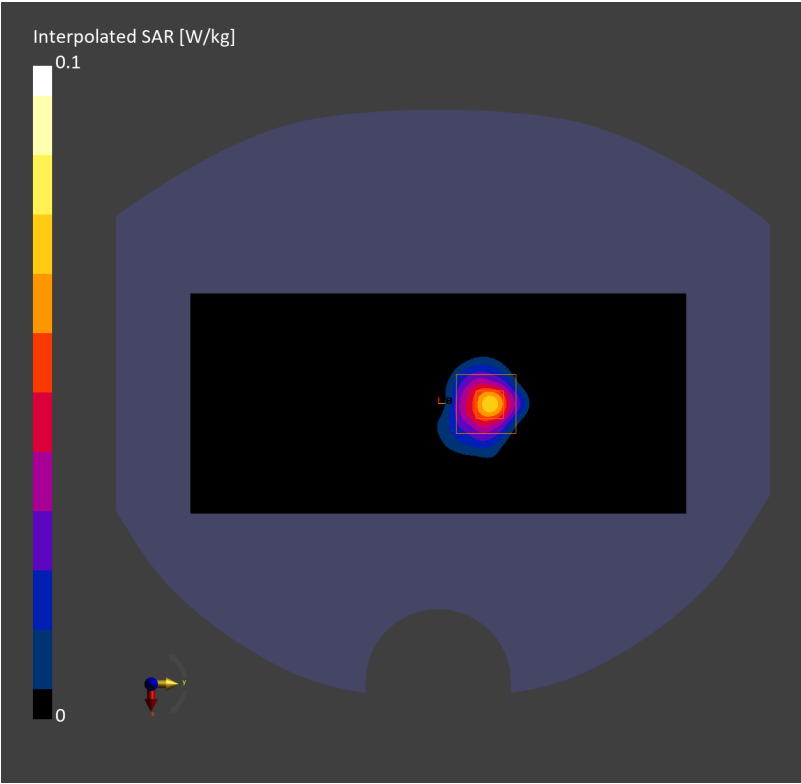
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL6.5GHz	EX3DV4 – SN7858, 2025-02-20	DAE4ip Sn1847, 2024-12-31

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 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	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-09-15, 19:48	2025-09-15, 19:58
psSAR1g [W/Kg]	0.050	0.044
psSAR10g [W/Kg]	0.016	0.008
Power Drift [dB]	-0.11	-0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		43.1
Dist 3dB Peak [mm]		8.3



Device Under Test Properties

Model	Dimensions [mm]	IMEI	DUT Type
SD7000	134.5 x 71.5 x 14.0		Phone

Exposure Conditions

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

Hardware Setup

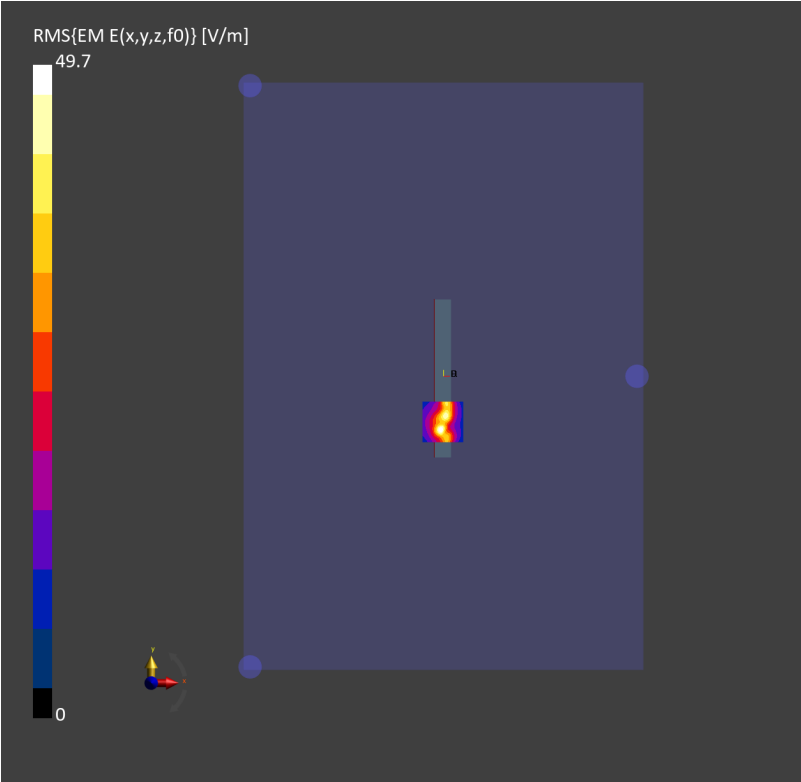
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1121	Air –	EUmmWV4 – SN9499_F1–55GHz, 2024–12–06	DAE4ip Sn1847, 2024–12–31

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	30.0 x 30.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2025–09–16, 09:55
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.64
psPDtot+ [W/m²]	2.54
psPDmod+ [W/m²]	2.85
E _{max} [V/m]	49.7
Power Drift [dB]	0.01



Device Under Test Properties

Model	Dimensions [mm]	IMEI	DUT Type
SD7000,	134.5 x 71.5 x 14.0		Phone

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, 10683-AAC	5955.0, 1	1.0

Hardware Setup

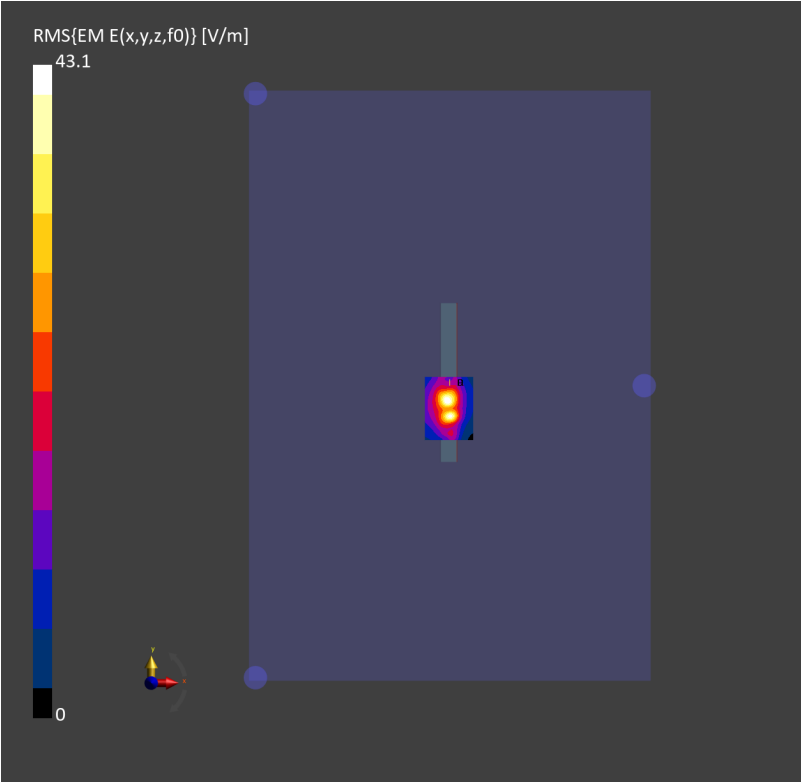
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1121	Air –	EUmmWV4 – SN9499_F1–55GHz, 2024–12–06	DAE4ip Sn1847, 2024–12–31

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	40.0 x 50.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2025–09–16, 20:05
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.68
psPDtot+ [W/m²]	2.69
psPDmod+ [W/m²]	3.15
E _{max} [V/m]	43.1
Power Drift [dB]	–0.01



Device Under Test Properties

Model	Dimensions [mm]	IMEI	DUT Type
SD7000	134.5 x 71.5 x 14.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE RIGHT, 2.00	U-NII-6	WLAN, 10683-AAC	6515.0, 113	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]	30.0 x 100.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2025-09-17, 10:19
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.499
psPDtot+ [W/m ²]	0.717
psPDmod+ [W/m ²]	0.899
E _{max} [V/m]	26.8
Power Drift [dB]	0.08

