

Appendix B

WIFI 2.4G
WIFI 5G
WIFI 6G
BT
WIFI 6G PD
NFC

Device Under Test Properties

Model	Dimensions [mm]
Device	200.0 x 70.0 x 30.0

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, 0.00	WLAN 2.4GHz	WLAN, 10012-CAB	2462.000, 11	7.24	1.85	40.3

Hardware Setup

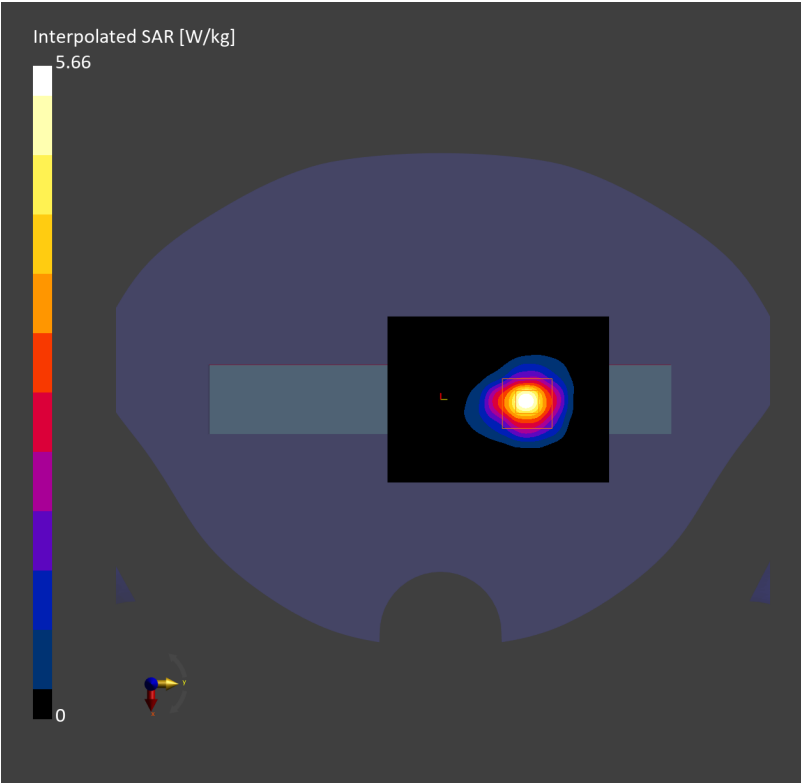
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL2450	EX3DV4 – SN7812, 2026-01-19	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 84.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-28, 20:54	2026-01-28, 21:00
psSAR1g [W/Kg]	4.14	4.28
psSAR10g [W/Kg]	1.77	1.87
Power Drift [dB]	-0.07	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		48.5
Dist 3dB Peak [mm]		9.3



Device Under Test Properties

Model	Dimensions [mm]
Device	200.0 x 70.0 x 30.0

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	FRONT, 0.00	WLAN 2.4GHz	WLAN, 10012-CAB	2462.000, 11	7.24	1.85	40.3

Hardware Setup

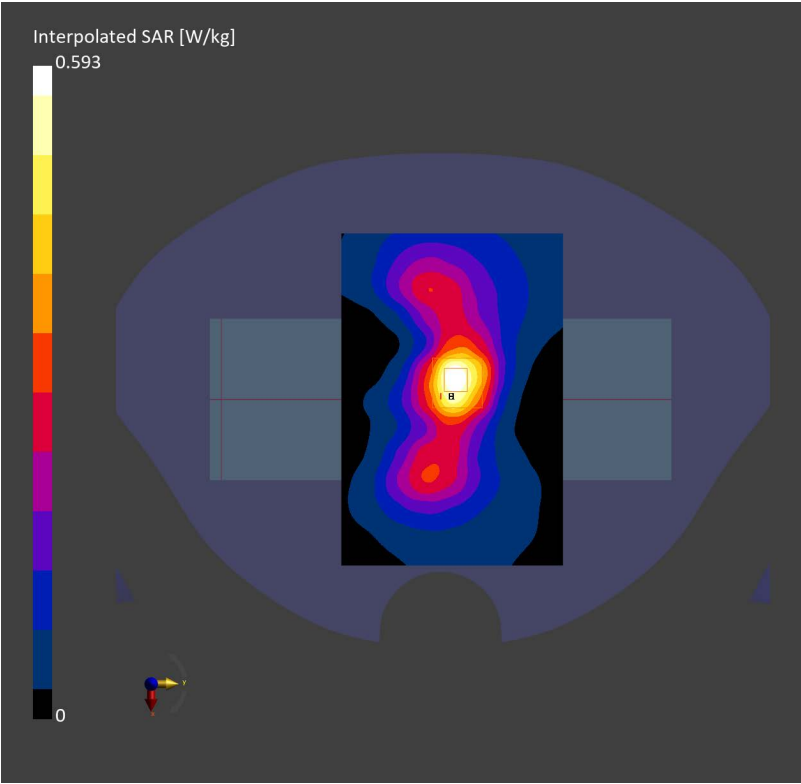
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL2450	EX3DV4 – SN7812, 2026-01-19	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	144.0 x 96.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-28, 21:41	2026-01-28, 21:47
psSAR1g [W/Kg]	0.475	0.496
psSAR10g [W/Kg]	0.243	0.261
Power Drift [dB]	-0.01	0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.3
Dist 3dB Peak [mm]		13.0



Device Under Test Properties

Model	Dimensions [mm]
Device	200.0 x 70.0 x 30.0

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, 0.00	WLAN 5GHz	WLAN, 10317-AAE	5320.000, 64	5.25	4.81	36.8

Hardware Setup

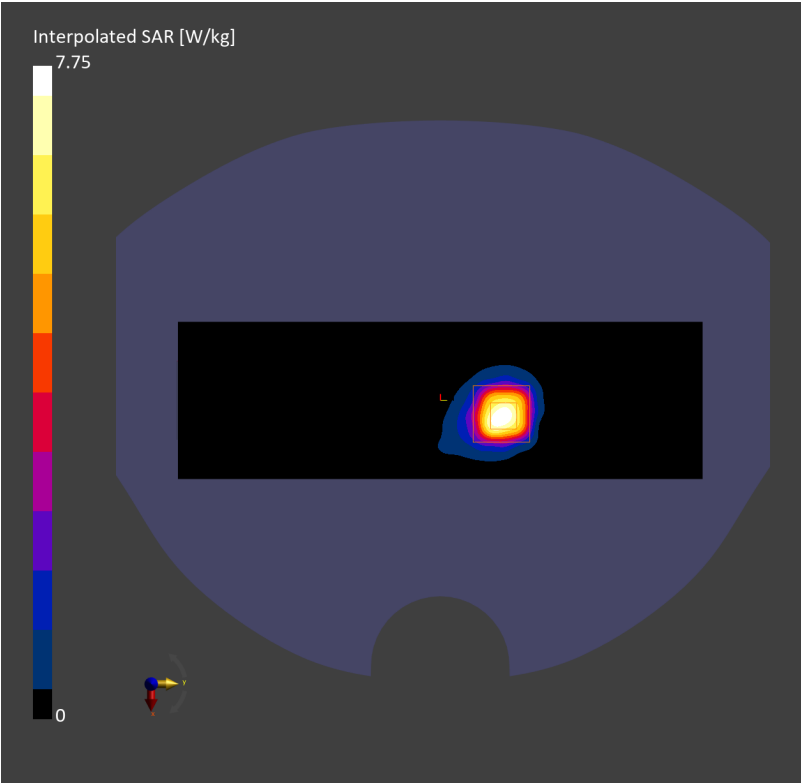
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL6.5GHz	EX3DV4 – SN7858, 2025-01-15	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	50.0 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 2.0
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	2026-01-13, 09:08	2026-01-13, 09:15
psSAR1g [W/Kg]	5.69	7.02
psSAR10g [W/Kg]	1.84	2.01
Power Drift [dB]	0.02	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		58.4
Dist 3dB Peak [mm]		6.8



Device Under Test Properties

Model	Dimensions [mm]
Device	200.0 x 70.0 x 30.0

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	FRONT, 0.00	WLAN 5GHz	WLAN, 10317-AAE	5320.000, 64	5.25	4.81	36.8

Hardware Setup

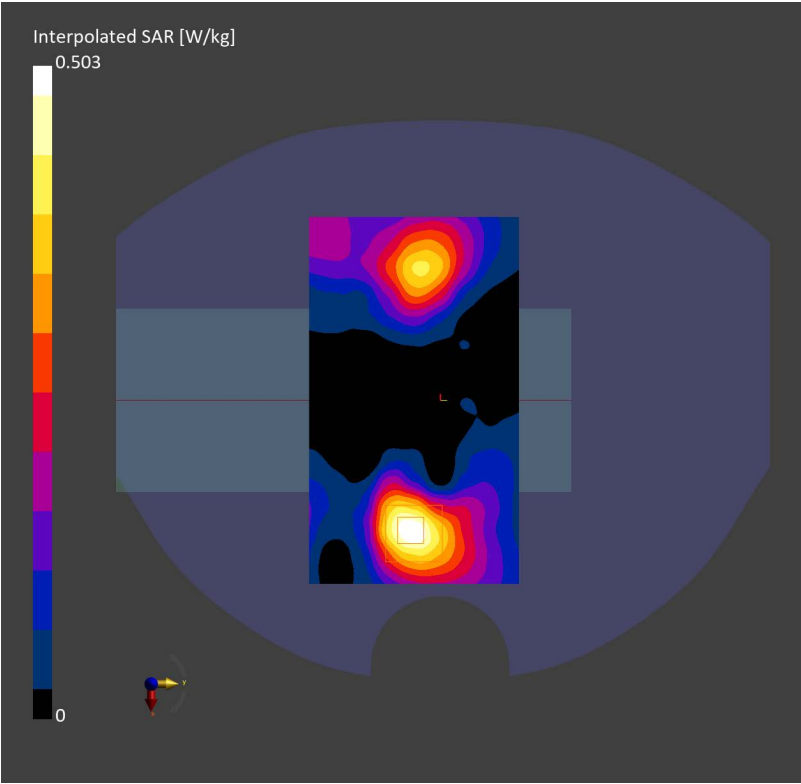
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL5GHz	EX3DV4 – SN7858, 2025-01-15	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 70.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
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	2026-01-13, 11:29	2026-01-13, 11:36
psSAR1g [W/Kg]	0.371	0.361
psSAR10g [W/Kg]	0.150	0.147
Power Drift [dB]	0.11	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		59.2
Dist 3dB Peak [mm]		11.2



Device Under Test Properties

Model	Dimensions [mm]
Device	200.0 x 70.0 x 30.0

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, 0.00	WLAN 5GHz	WLAN, 10534-AAD	5510.000, 102	4.65	5.04	36.0

Hardware Setup

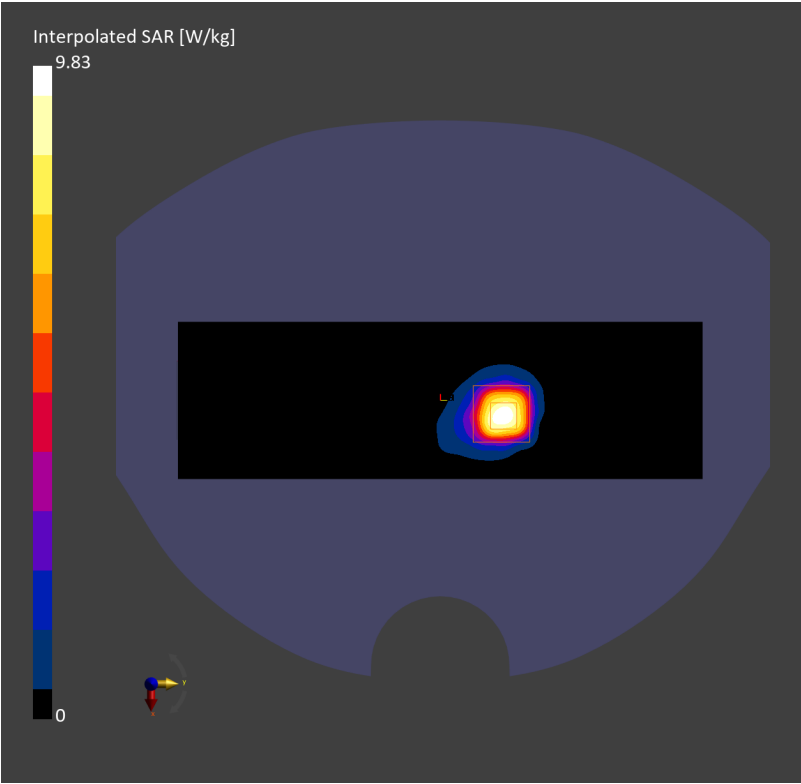
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL5GHz	EX3DV4 – SN7858, 2025-01-15	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	50.0 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 2.0
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	2026-01-13, 14:20	2026-01-13, 14:27
psSAR1g [W/Kg]	7.28	8.95
psSAR10g [W/Kg]	2.36	2.56
Power Drift [dB]	0.04	-0.17
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.3
Dist 3dB Peak [mm]		6.9



Device Under Test Properties

Model	Dimensions [mm]
Device	200.0 x 70.0 x 30.0

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	FRONT, 0.00	WLAN 5GHz	WLAN, 10534-AAD	5510.000, 102	4.65	5.04	36.0

Hardware Setup

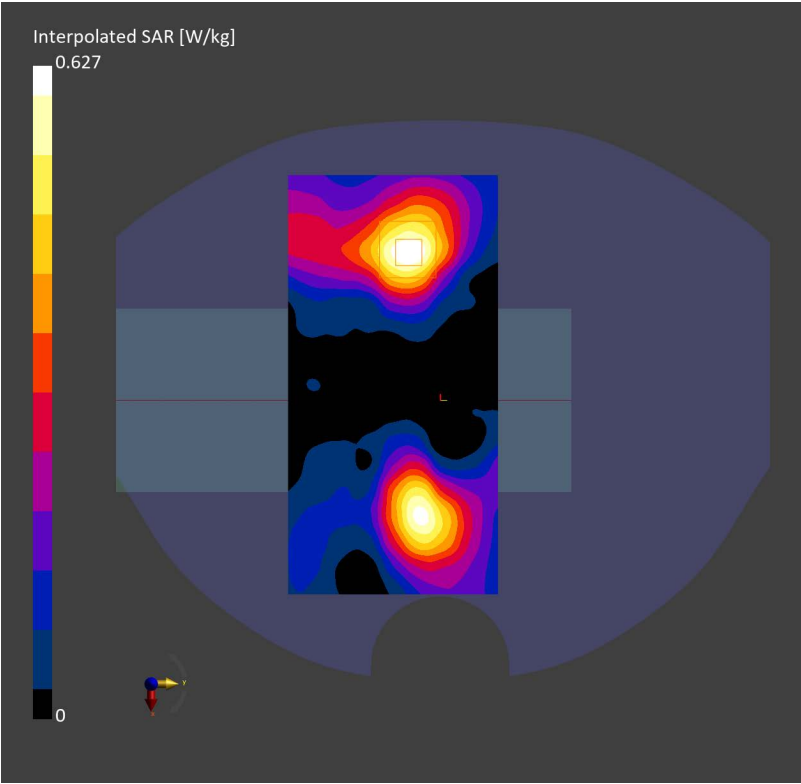
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL5GHz	EX3DV4 – SN7858, 2025-01-15	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	150.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
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	2026-01-13, 15:55	2026-01-13, 16:02
psSAR1g [W/Kg]	0.471	0.405
psSAR10g [W/Kg]	0.196	0.178
Power Drift [dB]	0.01	-0.17
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		36.7
Dist 3dB Peak [mm]		8.7



Device Under Test Properties

Model	Dimensions [mm]
Device	200.0 x 70.0 x 30.0

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, 0.00	WLAN 5GHz	WLAN, 10534-AAD	5755.000, 151	4.75	5.40	35.7

Hardware Setup

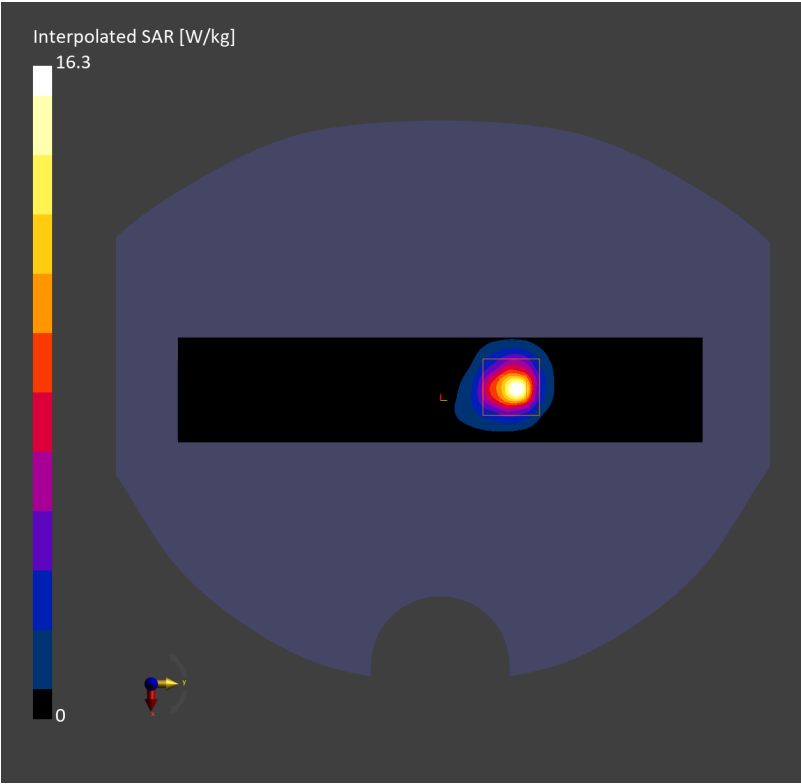
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL5GHz	EX3DV4 – SN7858, 2025-01-15	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 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 2.0
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	2026-01-13, 17:24	2026-01-13, 17:31
psSAR1g [W/Kg]	10.1	11.1
psSAR10g [W/Kg]	2.91	3.18
Power Drift [dB]	0.04	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		53.9
Dist 3dB Peak [mm]		7.4



Device Under Test Properties

Model	Dimensions [mm]
Device	200.0 x 70.0 x 30.0

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	FRONT, 0.00	WLAN 5GHz	WLAN, 10534-AAD	5755.000, 151	4.75	5.40	35.7

Hardware Setup

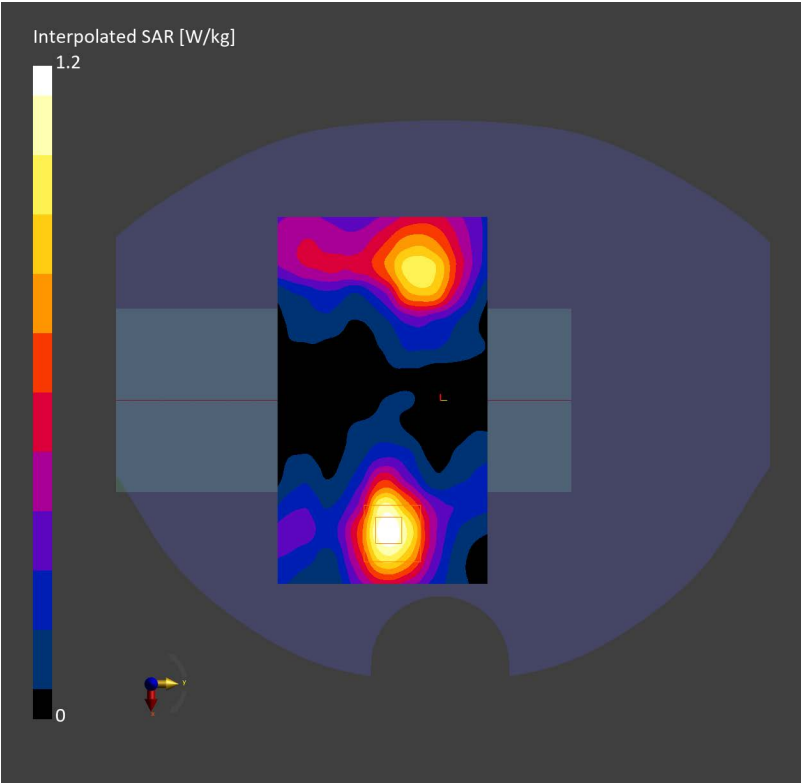
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL5GHz	EX3DV4 – SN7858, 2025-01-15	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 70.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
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	2026-01-13, 21:46	2026-01-13, 21:52
psSAR1g [W/Kg]	0.903	0.838
psSAR10g [W/Kg]	0.358	0.337
Power Drift [dB]	-0.18	-0.19
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.6
Dist 3dB Peak [mm]		11.2



Device Under Test Properties

Model	Dimensions [mm]
Device	210.0 x 75.0 x 36.0

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, 0.00	U-NII-6	WLAN, 10755-AAC	6665.000, 143	5.45	6.41	34.7

Hardware Setup

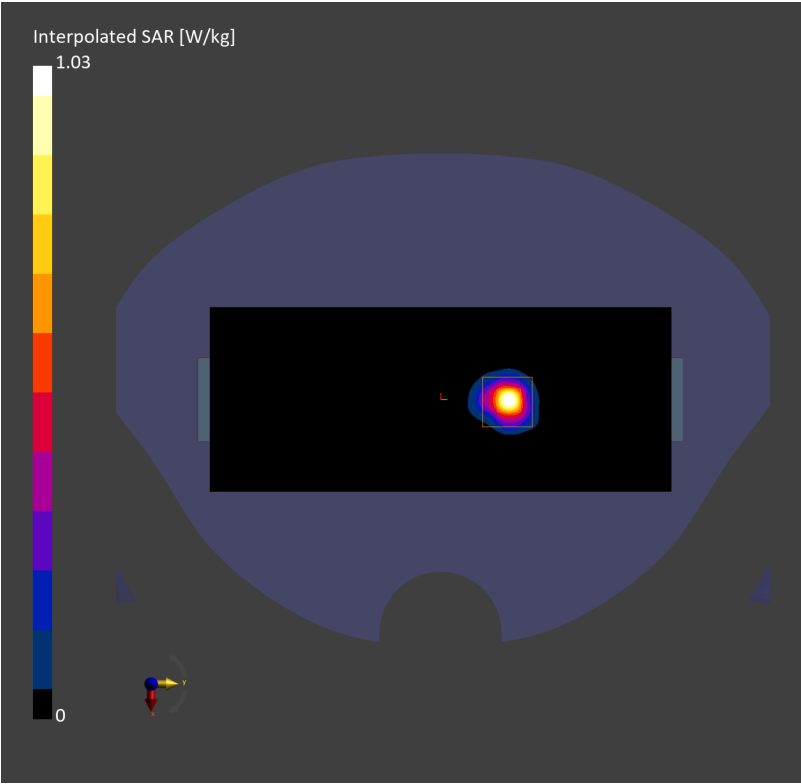
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL6.5GHz	EX3DV4 – SN7858, 2025-02-20	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 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	2026-01-30, 09:41	2026-01-30, 09:48
psSAR1g [W/Kg]	0.682	0.739
psSAR10g [W/Kg]	0.178	0.191
Power Drift [dB]	-0.05	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		54.8
Dist 3dB Peak [mm]		6.4



Device Under Test Properties

Model	Dimensions [mm]
Device	210.0 x 75.0 x 36.0

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	FRONT, 0.00	U-NII-6	WLAN, 10755-AAC	6665.000, 143	5.45	6.41	34.7

Hardware Setup

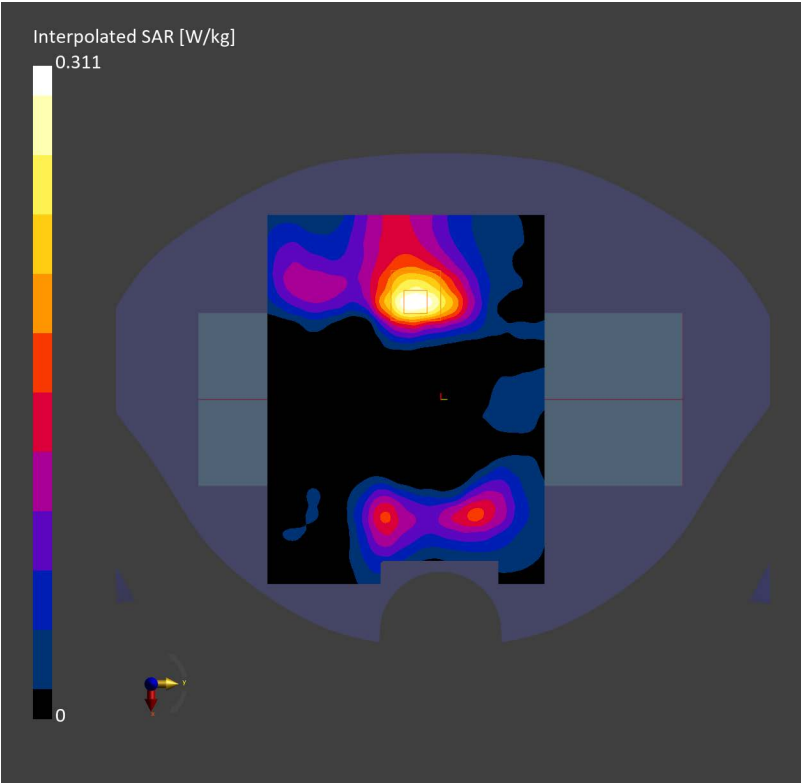
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL6.5GHz	EX3DV4 – SN7858, 2025-02-20	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	160.0 x 120.0	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	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-30, 19:47	2026-01-30, 19:55
psSAR1g [W/Kg]	0.250	0.246
psSAR10g [W/Kg]	0.098	0.095
Power Drift [dB]	0.05	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		55.5
Dist 3dB Peak [mm]		11.3



Device Under Test Properties

Model	Dimensions [mm]
Device	200.0 x 70.0 x 30.0

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	ISM 2.4 GHz Band	Bluetooth, 10038-CAA	2441.000, 39	7.24	1.83	40.3

Hardware Setup

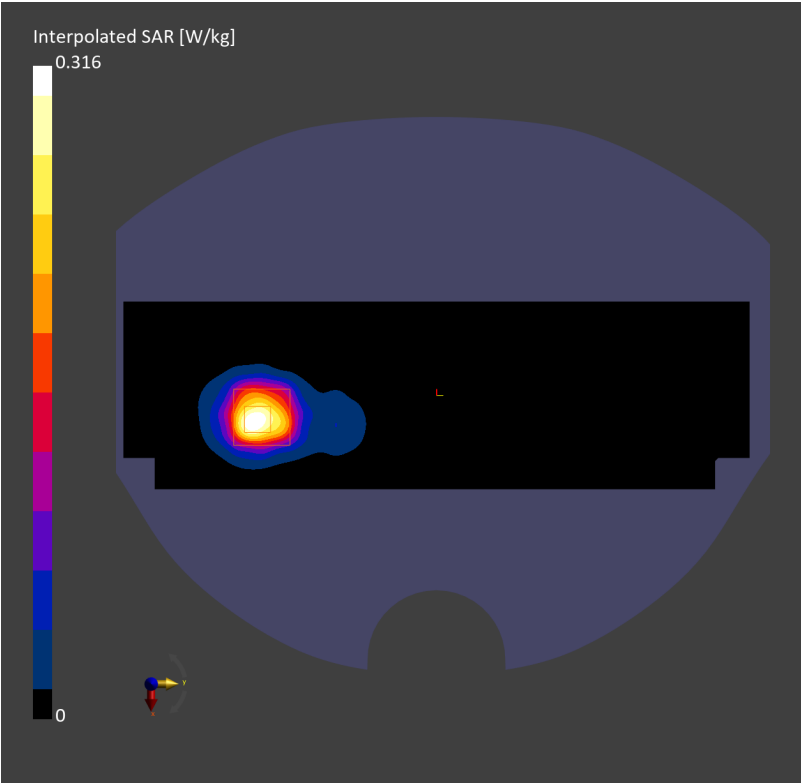
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL2450	EX3DV4 – SN7812, 2026-01-19	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 240.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-28, 23:36	2026-01-28, 23:43
psSAR1g [W/Kg]	0.246	0.279
psSAR10g [W/Kg]	0.110	0.116
Power Drift [dB]	0.08	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		82.2
Dist 3dB Peak [mm]		8.5



Device Under Test Properties

Model	Dimensions [mm]
Device	200.0 x 70.0 x 30.0

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	FRONT, 0.00	ISM 2.4 GHz Band	Bluetooth, 10038-CAA	2441.000, 39	7.24	1.83	40.3

Hardware Setup

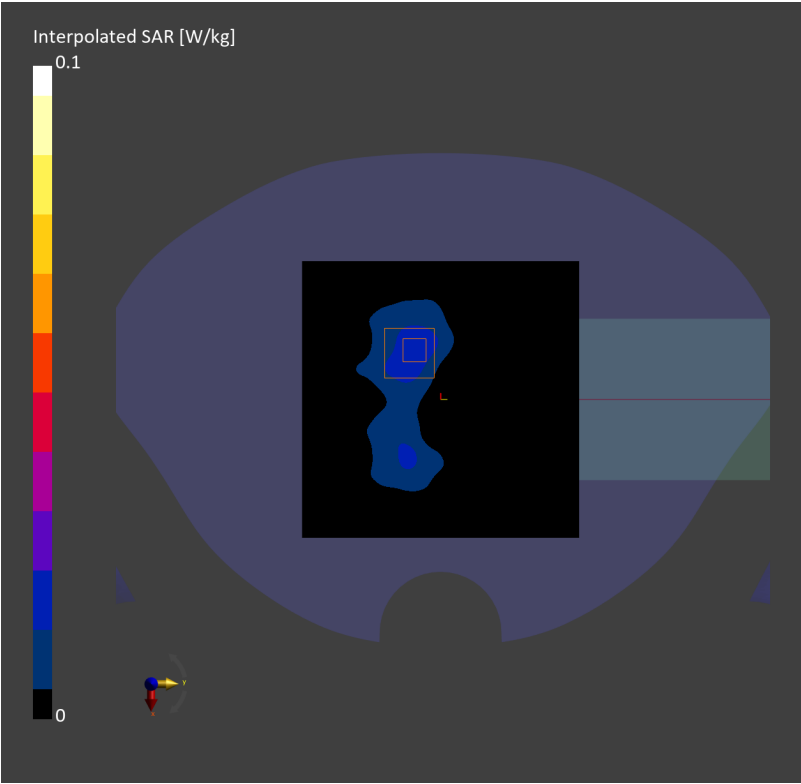
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL2450	EX3DV4 – SN7812, 2026-01-19	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-29, 03:11	2026-01-29, 03:17
psSAR1g [W/Kg]	0.018	0.017
psSAR10g [W/Kg]	0.009	0.008
Power Drift [dB]	0.01	0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.9
Dist 3dB Peak [mm]		9.0



Device Under Test Properties

Model	Dimensions [mm]
Device	210.0 x 75.0 x 36.0

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 TOP, 0.00	Custom Band	CW, 0--	13.600, 13600	18.19	0.786	55.0

Hardware Setup

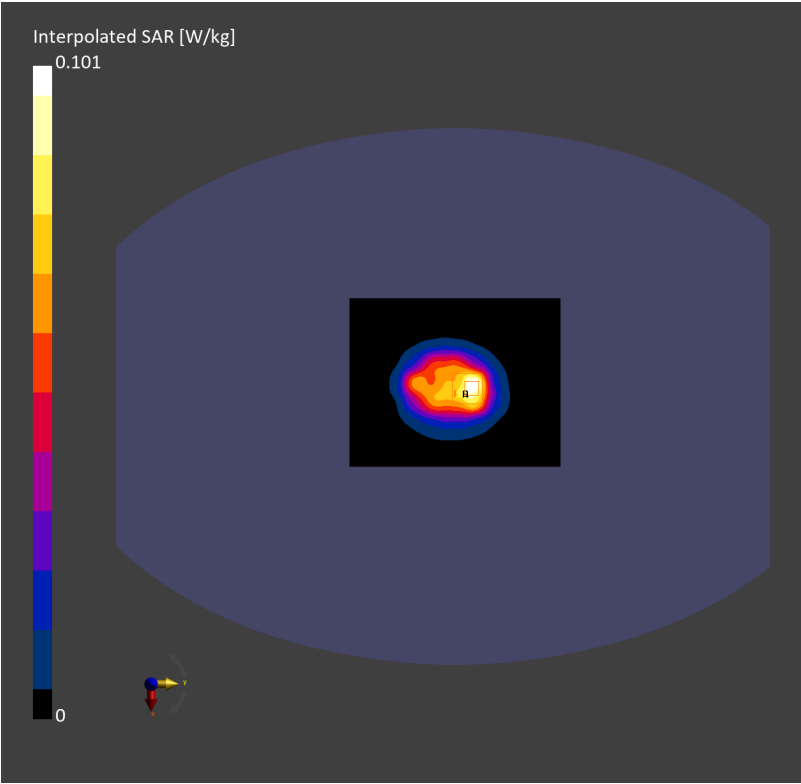
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) – 2227	HSL13MHz	EX3DV4 – SN7858, 2025–02–20	DAE4ip Sn1846, 2026–01–07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 140.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-17, 10:11	2026-01-17, 10:14
psSAR1g [W/Kg]	0.090	0.081
psSAR10g [W/Kg]	0.068	0.033
Power Drift [dB]	-0.03	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		39.7
Dist 3dB Peak [mm]		8.4



Device Under Test Properties

Model	Dimensions [mm]
Device	210.0 x 75.0 x 36.0

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, 10755-AAC	6345.0, 79	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1121	Air –	EUmmWV4 – SN9455_F1–55GHz, 2025–06–30	DAE4ip Sn1846, 2026–01–07

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	45.0 x 45.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2026–01–24, 14:47
Avg. Area [cm2]	4.00
psPDn+ [W/m2]	4.24
psPDtot+ [W/m2]	5.12
psPDmod+ [W/m2]	5.39
E _{max} [V/m]	57.8
Power Drift [dB]	–0.01

