

Appendix B

WIFI 2.4G
WIFI 5G
RFID
BT

Device Under Test Properties

Model	Dimensions [mm]
Device	170.0 x 80.0 x 50.0

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	2437.000, 6	7.24	1.81	39.3

Hardware Setup

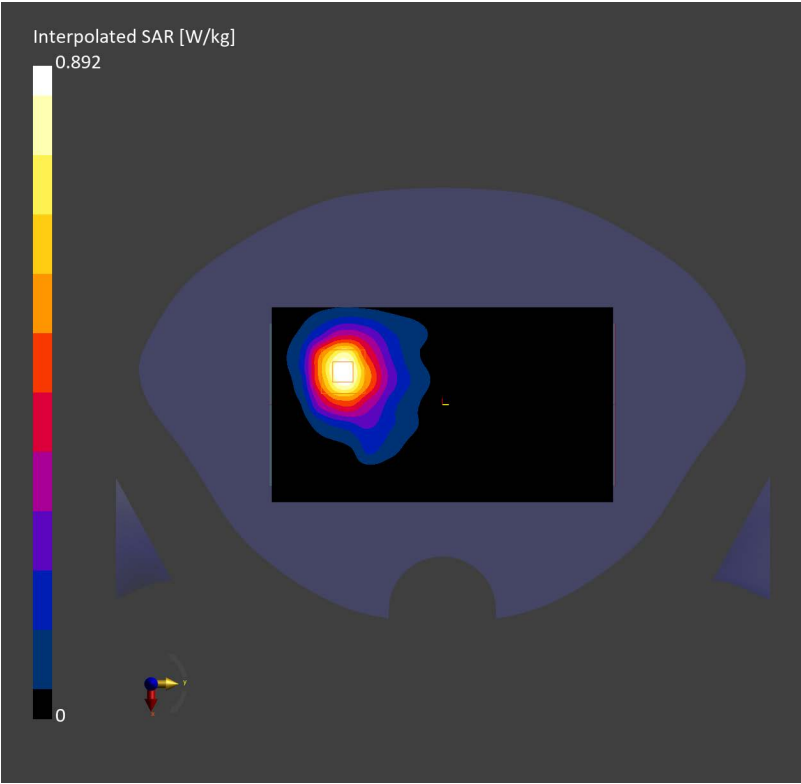
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL2450	EX3DV4 – SN7812, 2026-01-19	DAE4 Sn799, 2026-02-26

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 150.0	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	2026-03-12, 14:56	2026-03-12, 15:01
psSAR1g [W/Kg]	0.718	0.736
psSAR10g [W/Kg]	0.371	0.383
Power Drift [dB]	-0.03	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		47.6
Dist 3dB Peak [mm]		9.5



Device Under Test Properties

Model	Dimensions [mm]
Device	170.0 x 80.0 x 80.0

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	WLAN 5GHz	WLAN, 10417-AAD	5300.000, 60	5.05	4.76	36.4

Hardware Setup

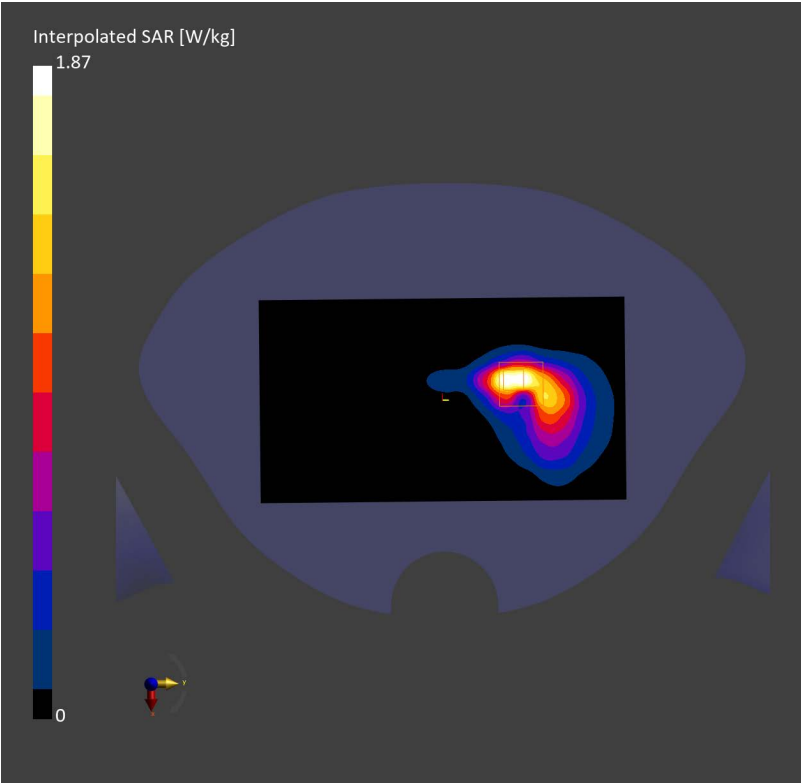
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL5GHz	EX3DV4 – SN7812, 2026-01-19	DAE4 Sn799, 2026-02-26

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 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	2026-03-13, 11:11	2026-03-13, 11:17
psSAR1g [W/Kg]	1.30	1.42
psSAR10g [W/Kg]	0.455	0.465
Power Drift [dB]	0.09	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		59.0
Dist 3dB Peak [mm]		6.1



Device Under Test Properties

Model	Dimensions [mm]
Device	170.0 x 80.0 x 80.0

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	WLAN 5GHz	WLAN, 10417-AAD	5720.000, 144	4.52	5.30	35.3

Hardware Setup

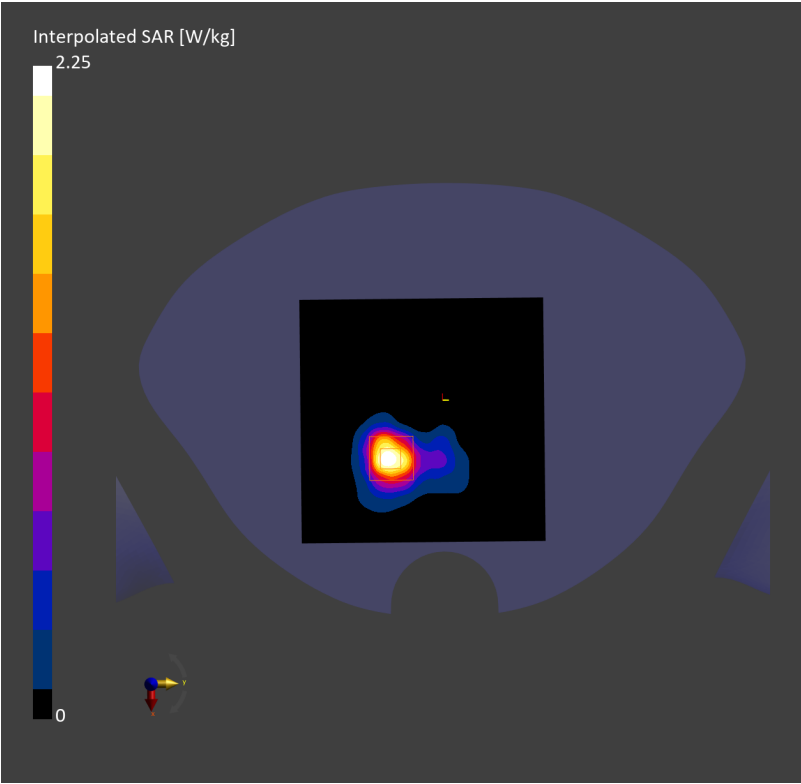
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL5GHz	EX3DV4 – SN7812, 2026-01-19	DAE4 Sn799, 2026-02-26

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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 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	2026-03-13, 10:31	2026-03-13, 10:38
psSAR1g [W/Kg]	1.65	1.64
psSAR10g [W/Kg]	0.564	0.552
Power Drift [dB]	-0.03	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		54.5
Dist 3dB Peak [mm]		8.2



Device Under Test Properties

Model	Dimensions [mm]
Device	170.0 x 80.0 x 80.0

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	WLAN 5GHz	WLAN, 10417-AAD	5785.000, 157	4.52	5.37	35.2

Hardware Setup

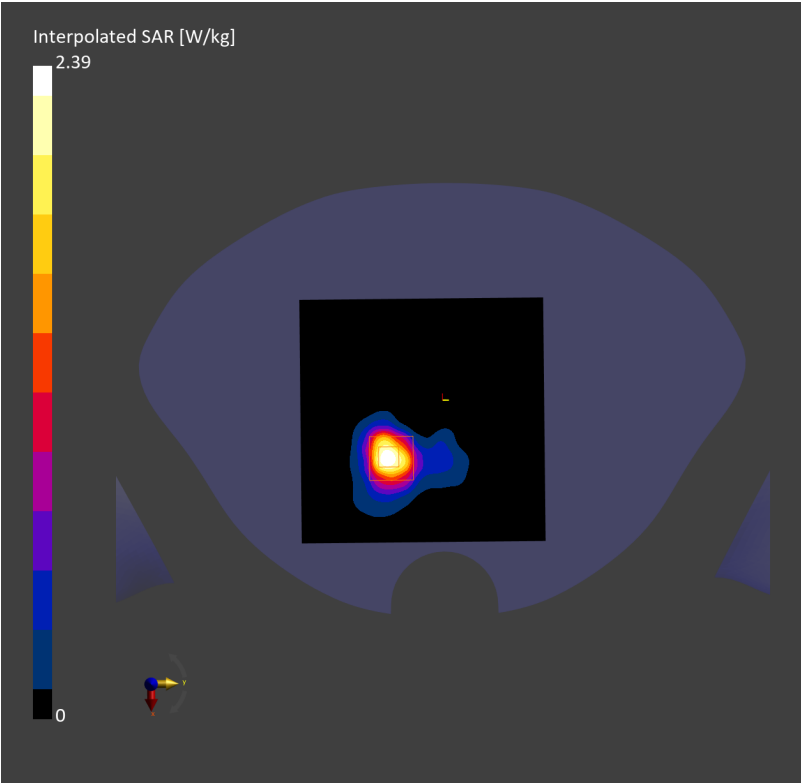
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL5GHz	EX3DV4 – SN7812, 2026-01-19	DAE4 Sn799, 2026-02-26

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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 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	2026-03-13, 10:02	2026-03-13, 10:09
psSAR1g [W/Kg]	1.77	1.79
psSAR10g [W/Kg]	0.607	0.614
Power Drift [dB]	0.10	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		53.9
Dist 3dB Peak [mm]		8.7



Device Under Test Properties

Model	Dimensions [mm]
Device	170.0 x 80.0 x 170.0

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, 17.00	Custom Band	CW, 0--	902.750, 902750	9.37	0.963	42.1

Hardware Setup

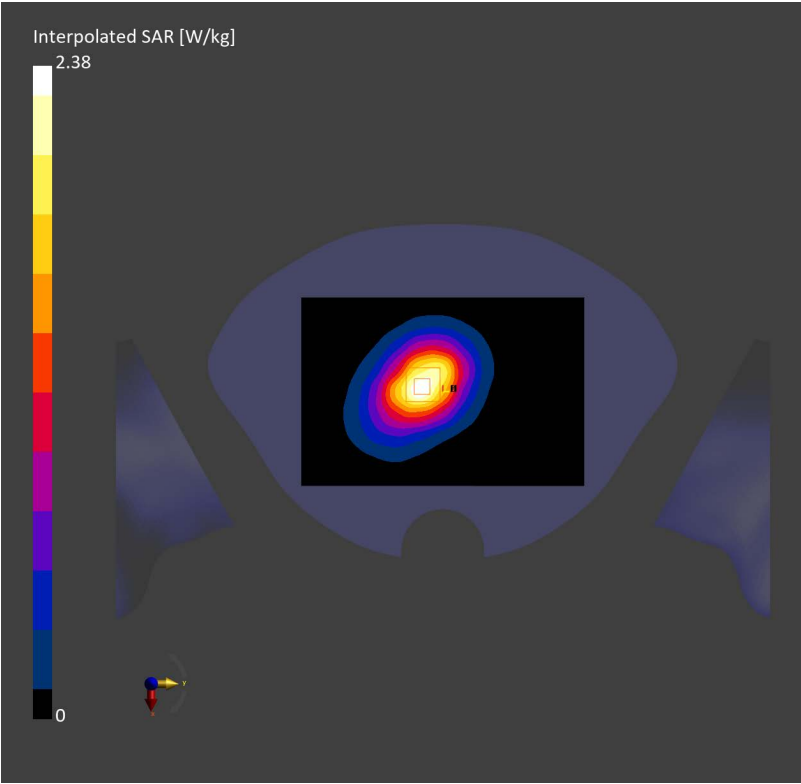
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 216	HSL835	EX3DV4 – SN7858, 2026-02-20	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	105.0 x 180.0	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	2026-04-28, 18:34	2026-04-28, 18:38
psSAR1g [W/Kg]	2.03	2.00
psSAR10g [W/Kg]	1.31	1.29
Power Drift [dB]	0.09	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.0
Dist 3dB Peak [mm]		19.4



Device Under Test Properties

Model	Dimensions [mm]
Device	170.0 x 80.0 x 50.0

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, 10032-CAA	2480.000, 78	7.24	1.85	39.2

Hardware Setup

Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2173	HSL2450	EX3DV4 – SN7812, 2026-01-19	DAE4 Sn799, 2026-02-26

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	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	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-03-12, 14:26	2026-03-12, 14:32
psSAR1g [W/Kg]	0.188	0.190
psSAR10g [W/Kg]	0.096	0.098
Power Drift [dB]	-0.03	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		48.7
Dist 3dB Peak [mm]		9.3

