

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	180.0 x 140.0 x 50.0		Controller

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, 5.00	WLAN 2.4GHz	WLAN, 10012-CAB	2412.000, 1	7.84	1.79	40.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2100	HBBL-600-10000 Charge:xxxx, 2025-09-09	EX3DV4 - SN7383, 2025-03-14	DAE4 Sn1318, 2024-10-09

Scan Setup

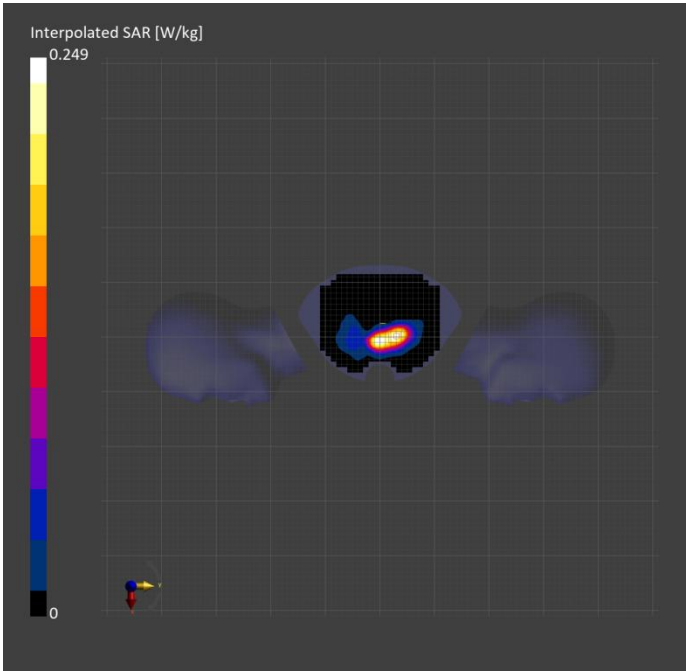
	Area Scan	Zoom Scan
Grid Extents [mm]	180.0 x 220.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-09-09, 20:48	2025-09-09, 20:55
psSAR1g [W/kg]	0.201	0.200
psSAR10g [W/kg]	0.111	0.113
Power Drift [dB]	-0.03	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		83.8
Dist 3dB Peak [mm]		14.9

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



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Flat, Head Simulating Liquid	BACK, 5.00	WLAN 5GHz	WLAN, 10062-CAE	5240.000, 48	5.55	4.74	36.0

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2100	HBBL-600-10000 Charge:xxxx, 2025-09-10	EX3DV4 - SN7383, 2025-03-14	DAE4 Sn1318, 2024-10-09

Scan Setup

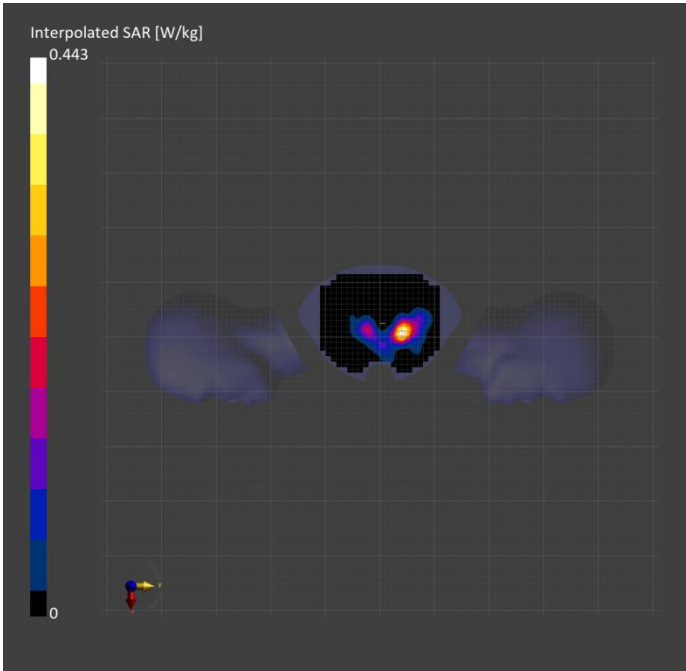
	Area Scan	Zoom Scan
Grid Extents [mm]	180.0 x 220.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-09-10, 09:37	2025-09-10, 09:46
psSAR1g [W/kg]	0.326	0.330
psSAR10g [W/kg]	0.135	0.134
Power Drift [dB]	0.01	-0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		67.3
Dist 3dB Peak [mm]		13.6

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



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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, 5.00	WLAN 5GHz	WLAN, 10062-CAE	5825.000, 165	4.97	5.42	35.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2100	HBBL-600-10000 Charge:xxxx, 2025-09-10	EX3DV4 - SN7383, 2025-03-14	DAE4 Sn1318, 2024-10-09

Scan Setup

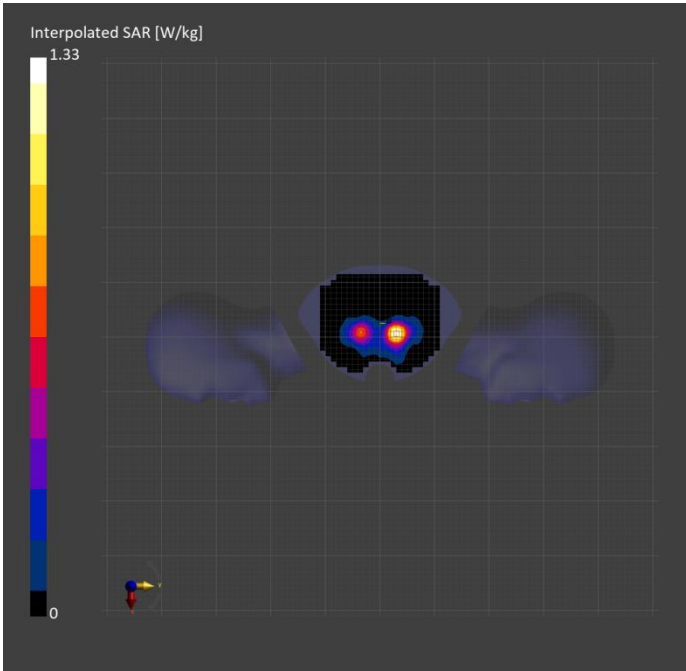
	Area Scan	Zoom Scan
Grid Extents [mm]	180.0 x 220.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-09-10, 11:27	2025-09-10, 11:35
psSAR1g [W/kg]	1.02	1.06
psSAR10g [W/kg]	0.429	0.452
Power Drift [dB]	0.03	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.7
Dist 3dB Peak [mm]		16.5

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



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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, 5.00	Custom Band	CW, 10071-CAB	2410.500, 2410500	7.84	1.80	40.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2100	HBBL-600-10000 Charge:xxxx, 2025-09-10	EX3DV4 - SN7383, 2025-03-14	DAE4 Sn1318, 2024-10-09

Scan Setup

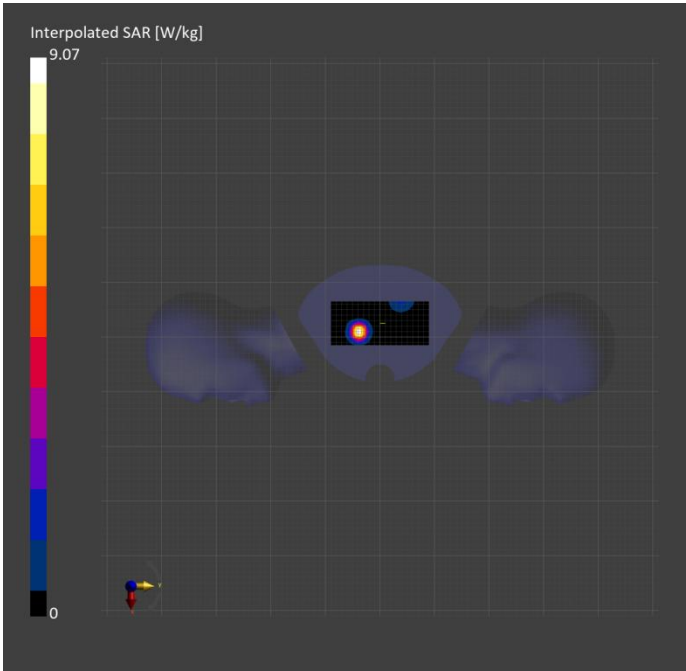
	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-09-10, 20:26	2025-09-10, 20:34
psSAR1g [W/kg]	7.15	7.19
psSAR10g [W/kg]	3.42	3.44
Power Drift [dB]	-0.00	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		83.3
Dist 3dB Peak [mm]		11.1

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



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Flat, Head Simulating Liquid	EDGE TOP, 5.00	Custom Band	CW, 10063-CAE	5839.500, 5839500	4.97	5.42	35.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2100	HBBL-600-10000 Charge:xxxx, 2025-09-10	EX3DV4 - SN7383, 2025-03-14	DAE4 Sn1318, 2024-10-09

Scan Setup

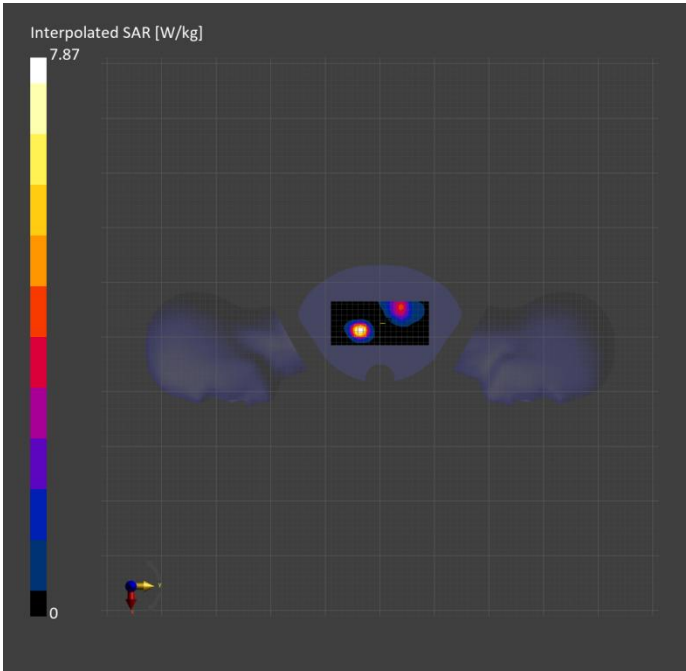
	Area Scan	Zoom Scan
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Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-09-10, 20:54	2025-09-10, 21:05
psSAR1g [W/kg]	5.93	6.02
psSAR10g [W/kg]	2.22	2.31
Power Drift [dB]	-0.00	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.2
Dist 3dB Peak [mm]		10.9

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



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Flat, Head Simulating Liquid	BACK, 5.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2402.000, 0	7.84	1.79	40.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2100	HBBL-600-10000 Charge:xxxx, 2025-09-10	EX3DV4 - SN7383, 2025-03-14	DAE4 Sn1318, 2024-10-09

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	180.0 x 220.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	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	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-09-10, 17:26	2025-09-10, 17:34
psSAR1g [W/kg]	0.013	0.015
psSAR10g [W/kg]	0.006	0.009
Power Drift [dB]	-0.14	-0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		83.8
Dist 3dB Peak [mm]		11.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		

