

Appendix A: SAR Test Plots

RF SAFETY LABORATORY

DUT: AA5168; SN: 08279

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Extremity	Flat, BACK, 0.00	2.4 GHz WIFI	WiFi (802.11b): DSSS, DBPSK, 1.0 Mbps, 99.9% DC, 10415	2.4 GHz	Ch. 1	2412.000	6.94, 6.68,6.66

Test Setup

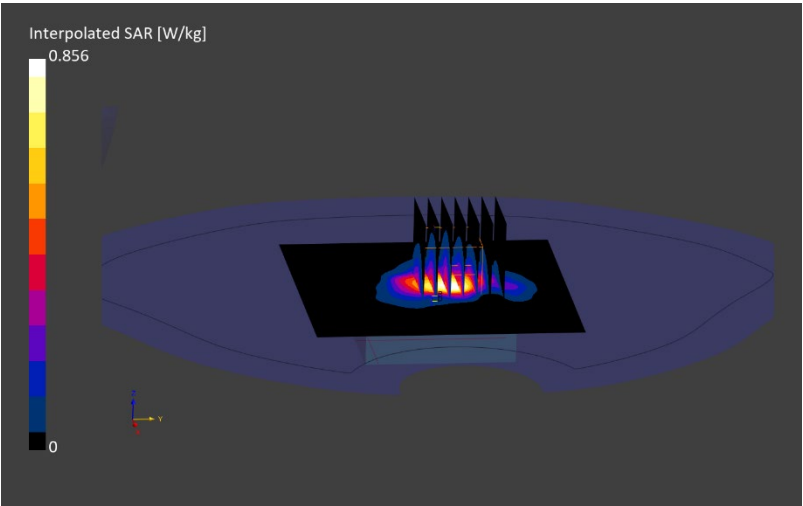
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-07-08	21.5	21.8	18.0.0.7250	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.78	41.0	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5
MAIA	Y	Y

Measurement Results

psSAR10g [W/Kg]	0.241
Power Drift [dB]	-0.1
Peak SAR (Extrapolated) [W/kg]	0.856
M2 /M1 [%]	84.0
Dist 3dB Peak [mm]	5.4



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Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Head	Flat, FRONT, 10.00	2.4 GHz Bluetooth	Bluetooth: BR, DH5, GFSK, 10032	2.4 GHz	Ch. 39	2441.000	7.22, 7.1,6.87

Test Setup

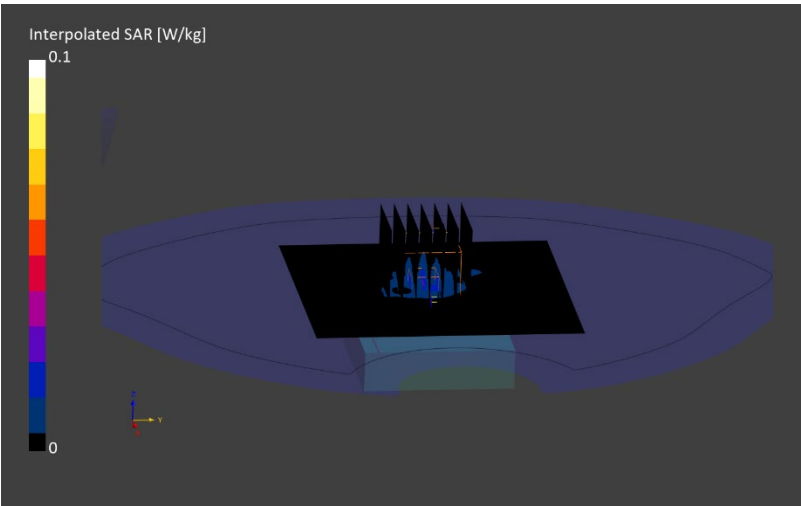
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-29	24.7	21.1	18.0.0.7250	Twin-SAM V8.0 – 2238	Head Simulating Liquid	1.78	41.2	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5
MAIA	Y	Y

Measurement Results

psSAR1g [W/Kg]	0.026
Power Drift [dB]	0.12
Peak SAR (Extrapolated) [W/kg]	0.042
M2/M1 [%]	85.8
Dist 3dB Peak [mm]	10.8



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Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Extremity	Flat, BACK, 0.00	2.4 GHz Bluetooth	Bluetooth: BR, DH5, GFSK, 10032	2.4 GHz	Ch. 0	2402.000	7.22, 7.1,6.87

Test Setup

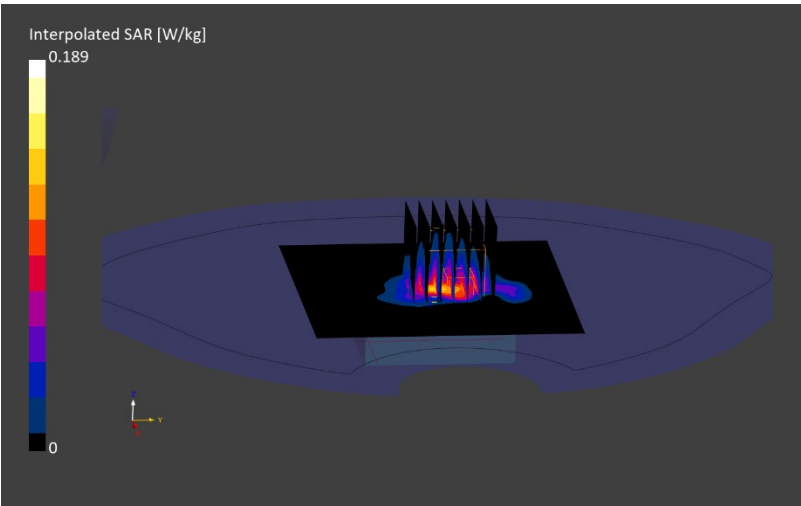
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-10	20.6	20.6	18.0.0.7250	Twin-SAM V8.0 – 2238	Head Simulating Liquid	1.75	40.0	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5
MAIA	Y	Y

Measurement Results

psSAR10g [W/Kg]	0.055
Power Drift [dB]	-0.07
Peak SAR (Extrapolated) [W/kg]	0.189
M2/M1 [%]	92.0
Dist 3dB Peak [mm]	5.9



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Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Frequency [MHz]	ConvF (x,y,z)
Extremity	Flat, BACK, 0.00	NFC	CW, 0	NFC	13.600	14.3, 16.56,15.27

Test Setup

Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-24	22.5	22.6	16.4.0.5005	ELI V8.0 – 2216	Head Simulating Liquid	0.768	54.0	EX3DV4 – SN7872, 2025-08-08	DAE4ip Sn1843, 2025-07-30

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5
MAIA	Y	Y

Measurement Results

psSAR10g [W/Kg]	0
Power Drift [dB]	0.03
Peak SAR (Extrapolated) [W/kg]	0
M2/M1 [%]	81.2
Dist 3dB Peak [mm]	0.0

