

Appendix A: SAR Test Plots

RF SAFETY LABORATORY

DUT: AA5172; SN: 00084

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. 9	2452.000	7.22, 7.1,6.87

Test Setup

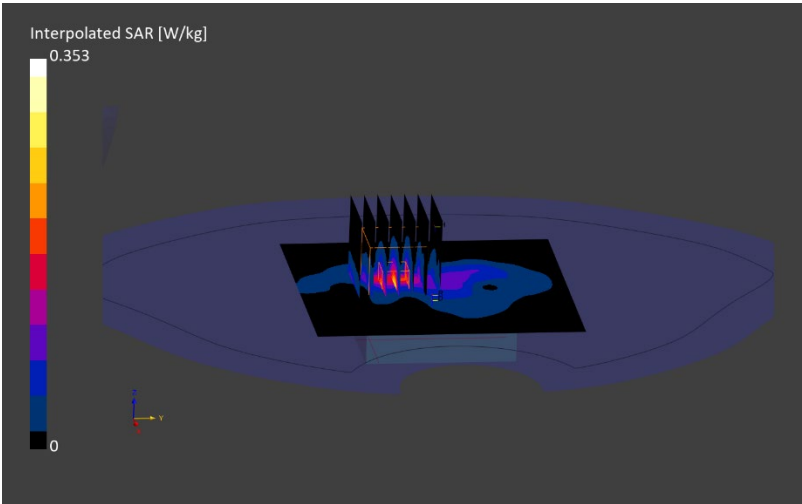
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-17	24.1	22	18.0.0.7250	Twin-SAM V8.0 – 2238	Head Simulating Liquid	1.78	40.4	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

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	2.5 x 2.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5
MAIA	Y	Y

Measurement Results

psSAR10g [W/Kg]	0.084
Power Drift [dB]	-0.14
Peak SAR (Extrapolated) [W/kg]	0.353
M2 /M1 [%]	88.6
Dist 3dB Peak [mm]	7.1



RF SAFETY LABORATORY

DUT: AA5172; SN: 00084

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. 78	2480.000	7.39, 7.44,7.43

Test Setup

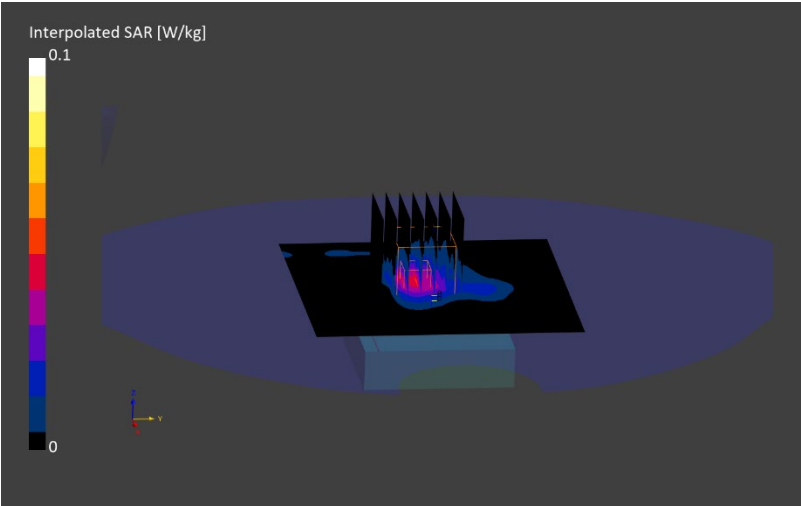
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-05-20	22.3	21.5	17.0.4.7034	Twin-SAM V8.0 – 2233	Head Simulating Liquid	1.89	42.2	EX3DV4 – SN7971, 2026-04-14	DAE4ip Sn1862, 2026-01-08

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]	0.036
Power Drift [dB]	0.16
Peak SAR (Extrapolated) [W/kg]	0.075
M2/M1 [%]	89.3
Dist 3dB Peak [mm]	7.0



RF SAFETY LABORATORY

DUT: AA5172; SN: 00084

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
2026-05-20	22.8	23.4	16.4.0.5005	ELI V8.0 – 2216	Head Simulating Liquid	0.752	52.9	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]	-0.08
Peak SAR (Extrapolated) [W/kg]	0.002
M2/M1 [%]	90.3
Dist 3dB Peak [mm]	0.0

