

Appendix A: SAR Test Plots

RF SAFETY LABORATORY

DUT: AB5206; SN: 78691

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 LE	Bluetooth Low Energy, 10670	2.4 GHz Antenna	Ch. 37	2402.000	6.72, 7.08,6.68

Test Setup

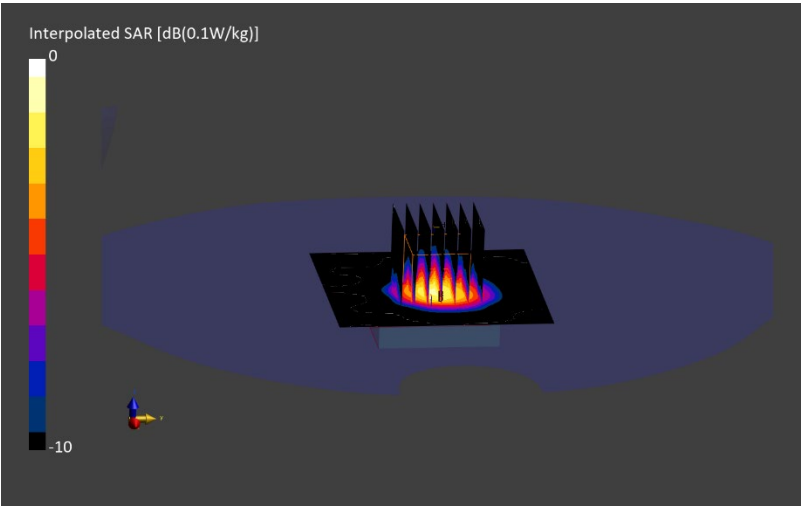
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-11-24	21.9	21.5	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.82	42.2	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1905, 2025-04-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	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]	0.029
Power Drift [dB]	0.16
Peak SAR (Extrapolated) [W/kg]	0.091
M2 /M1 [%]	86.4
Dist 3dB Peak [mm]	10.7



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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 ANT/ANT+	Bluetooth (GFSK, DH5), 10032	2.4 GHz Antenna	Ch. 78	2480.000	6.72, 7.08,6.68

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
2025-11-24	21.9	21.5	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.88	42.1	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1905, 2025-04-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	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
Power Drift [dB]	-0.03
Peak SAR (Extrapolated) [W/kg]	0.004
M2 /M1 [%]	93.8
Dist 3dB Peak [mm]	1.5

