

Appendix A: SAR Test Plots

RF SAFETY LABORATORY

DUT: AA5206; SN: 79830

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	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), 10415	2.4 GHz Antenna	Ch. 11	2462.000	6.72, 7.08,6.68

Test Setup

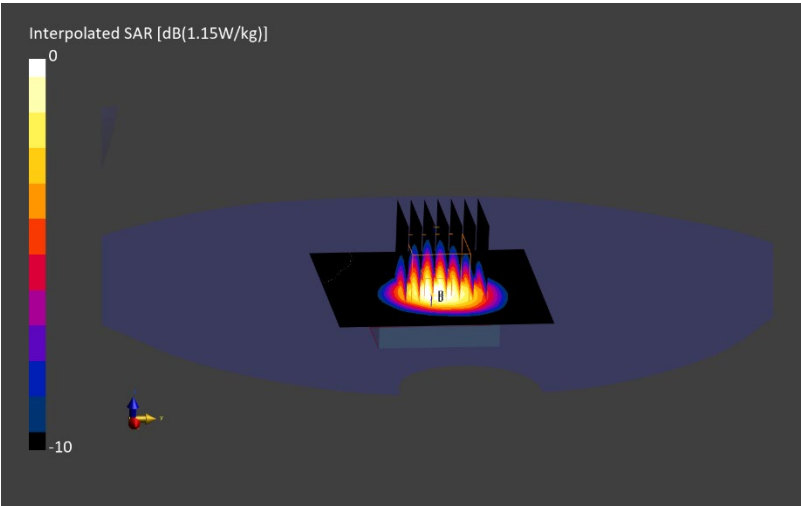
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-11-24	21.9	21.5	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.87	42.1	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1905, 2025-04-25

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]	0.469
Power Drift [dB]	-0.06
Peak SAR (Extrapolated) [W/kg]	1.55
M2 /M1 [%]	87.4
Dist 3dB Peak [mm]	12.8



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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 (GFSK,DH5), 10032	2.4 GHz Antenna	Ch. 39	2441.000	6.72, 7.08,6.68

Test Setup

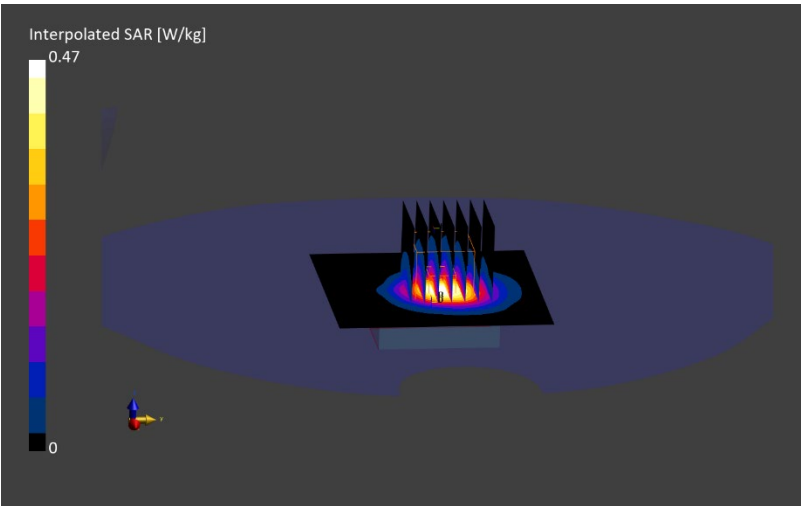
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-11-24	21.9	21.5	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.85	42.1	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1905, 2025-04-25

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]	0.142
Power Drift [dB]	-0.18
Peak SAR (Extrapolated) [W/kg]	0.470
M2/M1 [%]	85.8
Dist 3dB Peak [mm]	12.0



RF SAFETY LABORATORY

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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), 1 0032	2.4 GHz Antenna	Ch. 2	2404.000	6.72, 7.08,6.68

Test Setup

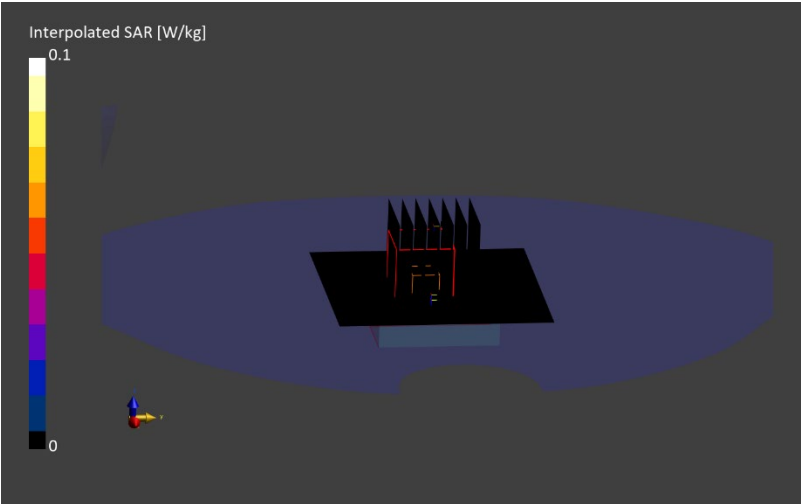
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-11-24	21.9	21.5	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.82	42.2	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1905, 2025-04-25

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
Power Drift [dB]	0.17
Peak SAR (Extrapolated) [W/kg]	0.009
M2/M1 [%]	80.5
Dist 3dB Peak [mm]	2.3



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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
2025-11-24	22.8	22.2	16.4.0.5005	ELI V8.0 – 2216	Head Simulating Liquid	0.708	51.6	EX3DV4 – SN7872, 2025-08-08	DAE4ip Sn1843, 2025-07-30

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	36.0 x 36.0 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]	0.05
Peak SAR (Extrapolated) [W/kg]	0.248
M2/M1 [%]	N/A
Dist 3dB Peak [mm]	1.2

