

Appendix A: SAR Test Plots

RF SAFETY LABORATORY

DUT: A3LNP960XRD; SN: 0138J

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Body	Flat, Bottom, 0.00	2.4 GHz WIFI	WiFi (802.11b): DSSS, DBPSK, 1.0 Mbps, 99.9% DC, 10415	MIMO	Ch. 6	2437.000	6.94, 6.68,6.66

Test Setup

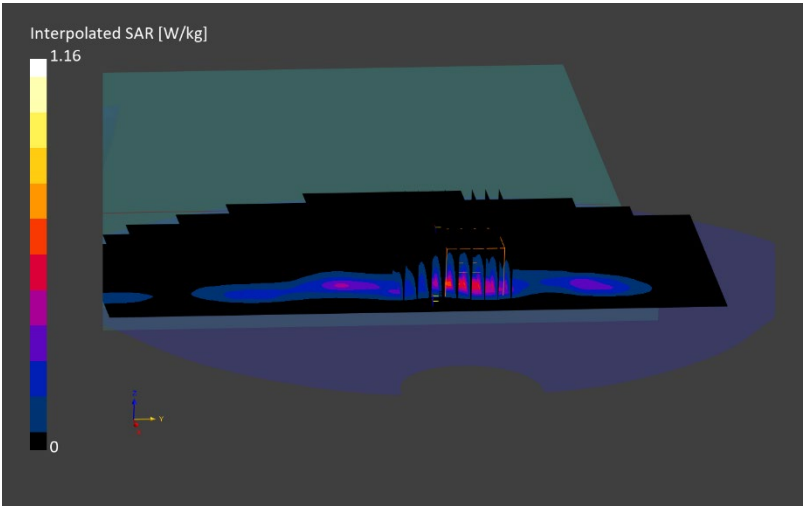
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-12-22	22.8	21.4	17.0.0.6455	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.81	38.5	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	300.0 x 380.0	40.0 x 40.0 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]	0.477
Power Drift [dB]	0.03
Peak SAR (Extrapolated) [W/kg]	1.16
M2/M1 [%]	74.6
Dist 3dB Peak [mm]	6.8



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Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Body	Flat, Bottom, 0.00	5 GHz WIFI	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), 10544	MIMO	Ch. 138	5690.000	5.08, 5.49,5.05

Test Setup

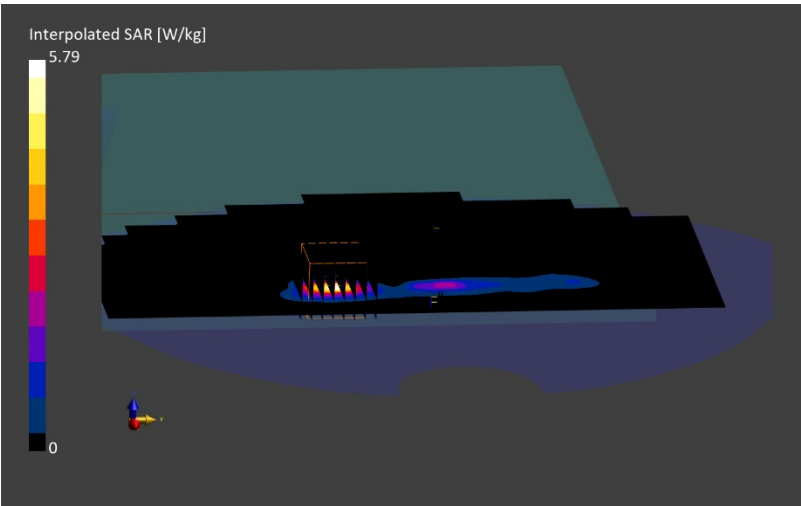
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-12-22	22.7	21.1	16.4.0.5005	Twin-SAM V8.0 – 2165	Head Simulating Liquid	4.98	32.4	EX3DV4 – SN7872, 2025-08-08	DAE4ip Sn1843, 2025-07-30

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	300.0 x 380.0	28.0 x 28.0 x 22.9
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.4
MAIA	Y	Y

Measurement Results

psSAR1g [W/Kg]	0.707
Power Drift [dB]	-0.03
Peak SAR (Extrapolated) [W/kg]	3.43
M2/M1 [%]	57.0
Dist 3dB Peak [mm]	5.1



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)
Body	Flat, Bottom, 0.00	6 GHz WIFI	IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle), 10731	MIMO	Ch. 7	5985.000	4.79, 5.05,4.76

Test Setup

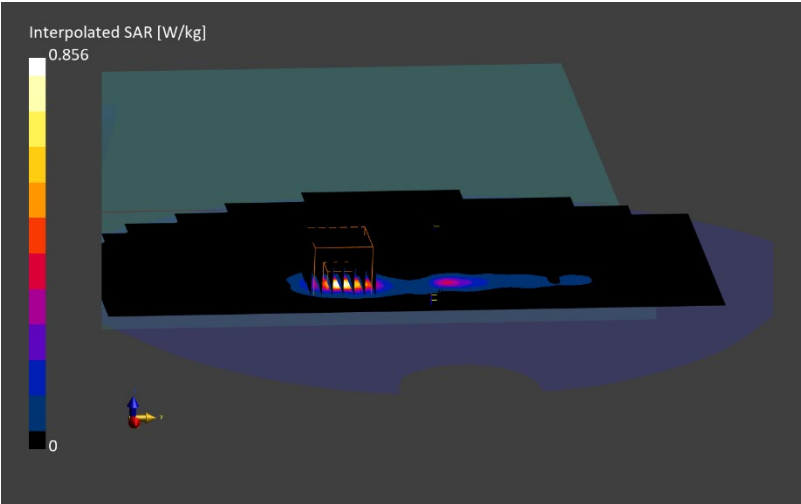
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-12-17	24.5	22.3	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	5.75	38.3	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1905, 2025-04-25

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	300.0 x 380.0	24.0 x 24.0 x 22.9
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.4
MAIA	Y	Y

Measurement Results

psSAR1g [W/Kg]	0.183
Power Drift [dB]	0.16
Peak SAR (Extrapolated) [W/kg]	0.856
M2/M1 [%]	53.2
Dist 3dB Peak [mm]	6.9



RF SAFETY LABORATORY

DUT: A3LNP960XRD; SN: 0213A

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Body	Flat, Bottom, 0.00	2.4 GHz Bluetooth	IEEE 802.15.1 Bluetooth (GFSK, DH5), 10032	AUX	Ch. 78	2480.000	6.96, 7.54,6.92

Test Setup

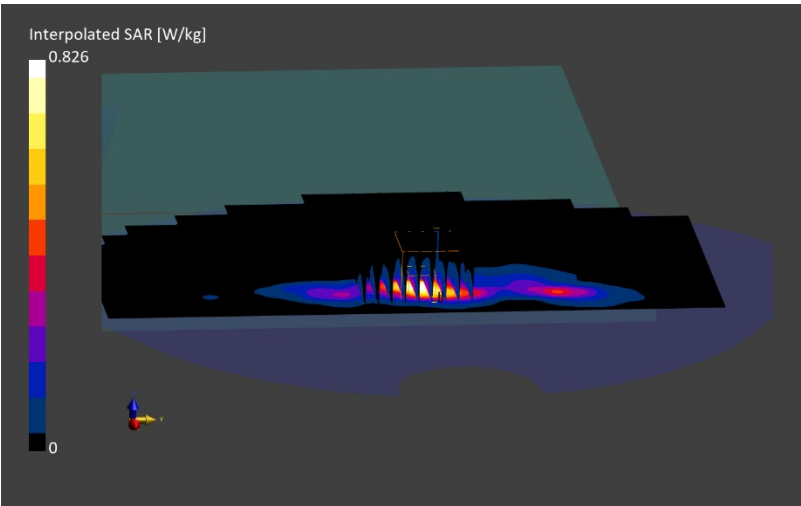
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-01-05	24.5	23.4	16.4.0.5005	Twin-SAM V8.0 – 2165	Head Simulating Liquid	1.84	37.7	EX3DV4 – SN7872, 2025-08-08	DAE4ip Sn1843, 2025-07-30

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	300.0 x 380.0	40.0 x 40.0 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]	0.327
Power Drift [dB]	0.03
Peak SAR (Extrapolated) [W/kg]	0.826
M2/M1 [%]	78.5
Dist 3dB Peak [mm]	7.3



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Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]
Body	Flat, Bottom, 2.00	6 GHz WIFI	WLAN	MIMO	7	5985.0

Test Setup

Test Date	Measurement SW	Probe, Cal. Date	DAE, Cal. Date
2025-12-21	3.2.2.2358	EUmmWV4 - SN9690_F1-55GHz - 2025-09-17	DAE4ip Sn1839 - 2025-09-15

Scans Setup

Grid Extents [mm]	Grid Steps [lambda]	Sensor Surface Distance [mm]
35.0x35.0	0.04075095875871267x0.04075095875871267	2.0

Measurement Results

Averaging Area [cm²]	Power Drift [dB]	E _{max} [V/m]	psPD _{n+} [W/m²]	psPD _{tot+} [W/m²]
4.00	-0.03	59.7	2.22	3.87

