

Appendix A: SAR Test Plots

RF SAFETY LABORATORY

DUT: A3LSMS741B; SN: 0658M

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Head	RightHead, CHEEK, 0.00	LTE Band 41	LTE-TDD: 20.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB (Mid), 10494	F	Ch. 40620	2593.000	6.87, 6.85,6.47

Test Setup

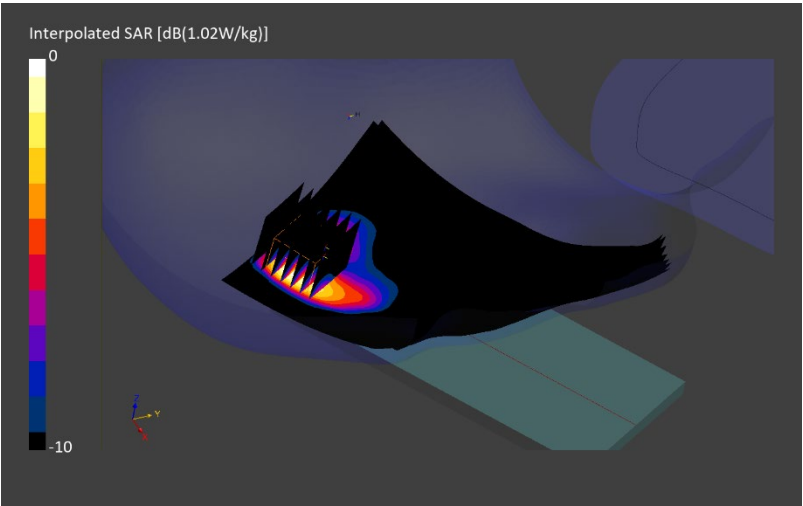
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-08	22.4	20.9	17.0.4.7034	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.85	38.0	EX3DV4 – SN7857, 2025-12-09	DAE4ip Sn1838, 2025-12-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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]	0.47
Power Drift [dB]	0.02
Peak SAR (Extrapolated) [W/kg]	1.02
M2/M1 [%]	78.7
Dist 3dB Peak [mm]	7.1



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DUT: A3LSMS741B; SN: 0658M

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Body-worn/Hotspot	Flat, BACK, 5.00	LTE Band 41	LTE-TDD: 20.0 MHz, QPSK, UL/DL CFG: 0, SSC: 7, 50% RB (Mid), 10494	B	Ch. 41055	2636.500	6.87, 6.85,6.47

Test Setup

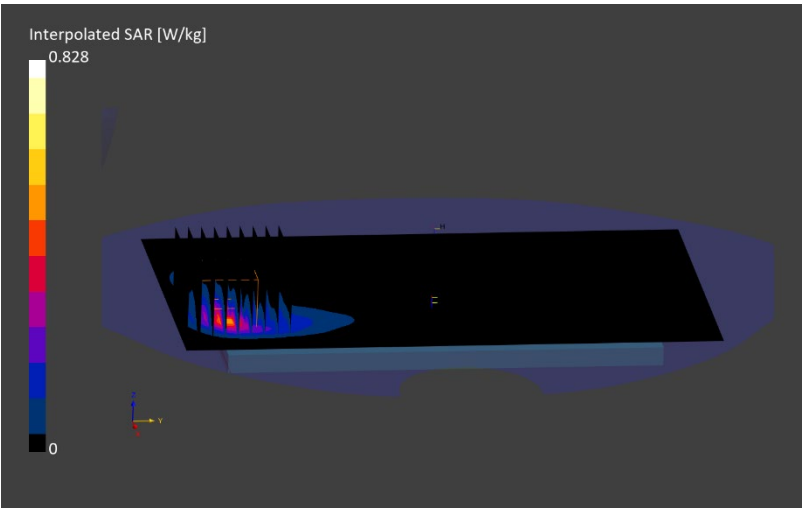
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-08	22.4	20.9	17.0.4.7034	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.89	37.9	EX3DV4 – SN7857, 2025-12-09	DAE4ip Sn1838, 2025-12-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	38.4 x 38.4 x 31.2
Grid Steps [mm]	10.0 x 10.0	4.8 x 4.8 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5
MAIA	Y	Y

Measurement Results

psSAR1g [W/Kg]	0.378
Power Drift [dB]	-0.12
Peak SAR (Extrapolated) [W/kg]	0.828
M2/M1 [%]	80.8
Dist 3dB Peak [mm]	6.2



RF SAFETY LABORATORY

DUT: A3LSMS741B; SN: 0658M

Test Conditions

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

Test Setup

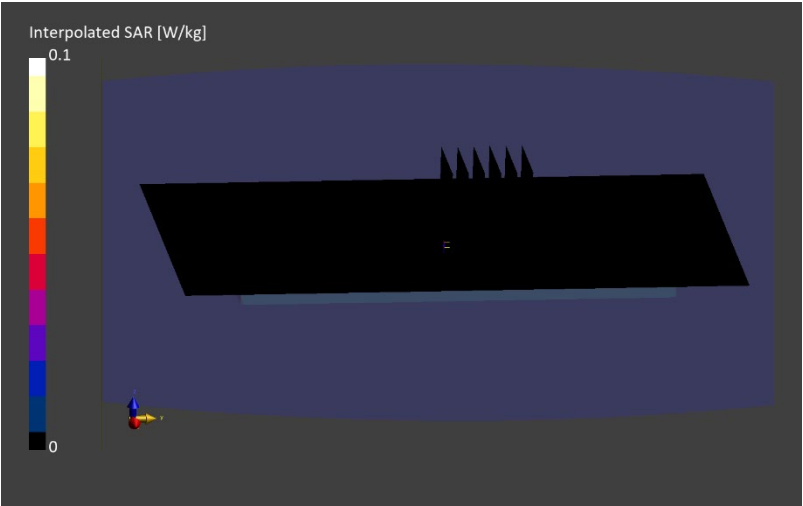
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-24	22.5	22.6	16.4.0.5005	ELI V8.0 – 2216	Head Simulating Liquid	0.768	54.0	EX3DV4 – SN7872, 2025-08-08	DAE4ip Sn1843, 2025-07-30

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	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]	-0.14
Peak SAR (Extrapolated) [W/kg]	0.001
M2/M1 [%]	91.2
Dist 3dB Peak [mm]	0.0



RF SAFETY LABORATORY

DUT: A3LSMS741B; SN: 0607M,

Verification Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal	Ant.	Channel Number	Frequency [MHz]
Body	EDGE LEFT, 2.00	6 GHz WIFI	WLAN	Ant H	7	5985.0

Test Setup

Test Date	Measurement SW	Probe, Cal. Date	DAE, Cal. Date
2026-06-29	3.2.2.2358	EUmmWV4 - SN9690_F1-55GHz - 2025-09-17	DAE4ip Sn1905 - 2026-05-08

Scans Setup

Grid Extents [mm]	Grid Steps [lambda]	Sensor Surface Distance [mm]
40.0x40.0	0.04075095875871267x0.04075095875871267	2.0

Measurement Results

Averaging Area [cm²]	Power Drift [dB]	E _{max} [V/m]	psPDn+ [W/m²]	psPDtot+ [W/m²]
4.00	-0.09	101	3.31	5.47

