

Appendix A: SAR Test Plots

RF SAFETY LABORATORY

DUT: A05170; SN: 64788

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	LTE-M Band 12	LTE-FDD: 1.4 MHz, QPSK, 50% RB (Mid), 10166	MAIN	Ch. 23095	707.500	9.62, 9.46,9.15

Test Setup

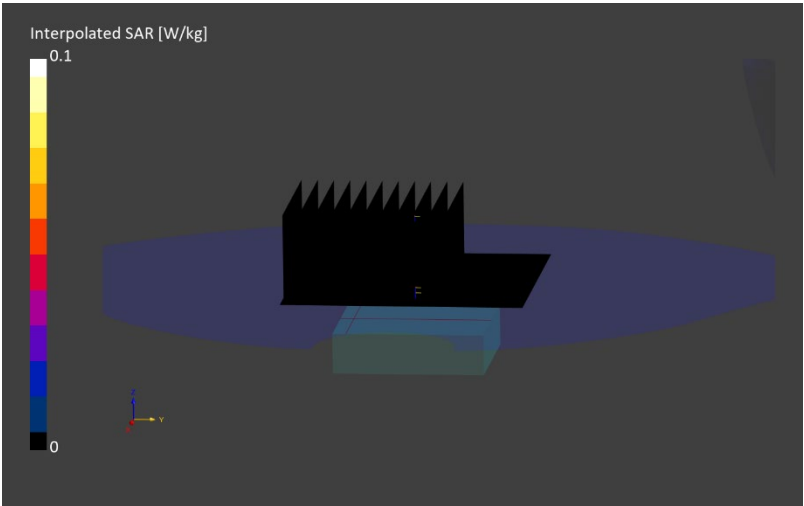
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-05-24	20.6	20.3	17.0.4.7034	Twin-SAM V8.0 – 2238	Head Simulating Liquid	0.823	43.5	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	60.0 x 60.0 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

psSAR1g [W/Kg]	0
Power Drift [dB]	0.13
Peak SAR (Extrapolated) [W/kg]	0
M2/M1 [%]	25.2
Dist 3dB Peak [mm]	0.0



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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	LTE-M Band 12	LTE-FDD: 1.4 MHz, QPSK, 50% RB (Mid), 10166	MAIN	Ch. 23095	707.500	9.62, 9.46,9.15

Test Setup

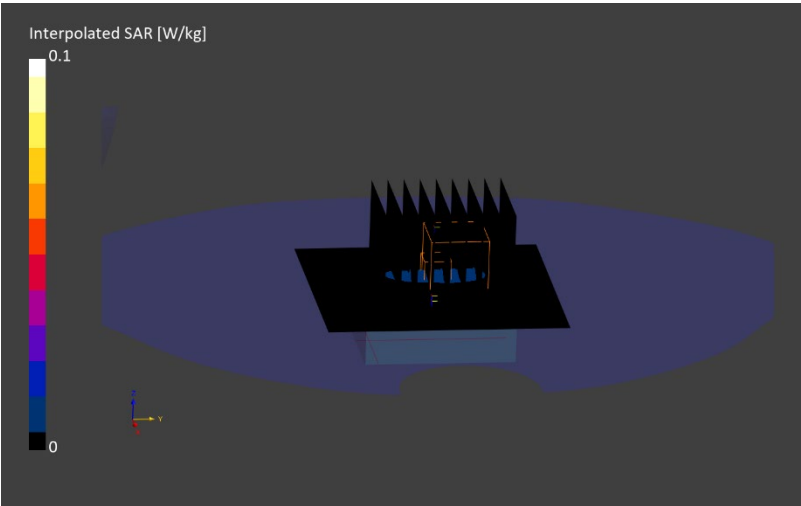
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-05-24	20.6	20.3	17.0.4.7034	Twin-SAM V8.0 – 2238	Head Simulating Liquid	0.823	43.5	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	42.0 x 48.0 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]	0.005
Power Drift [dB]	-0.01
Peak SAR (Extrapolated) [W/kg]	0.023
M2/M1 [%]	78.2
Dist 3dB Peak [mm]	6.0



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)
Head	Flat, FRONT, 10.00	LTE-M Band 4	LTE-FDD: 1.4 MHz, QPSK, 50% RB (Mid), 10166	MAIN	Ch. 20175	1732.500	7.68, 7.4,7.37

Test Setup

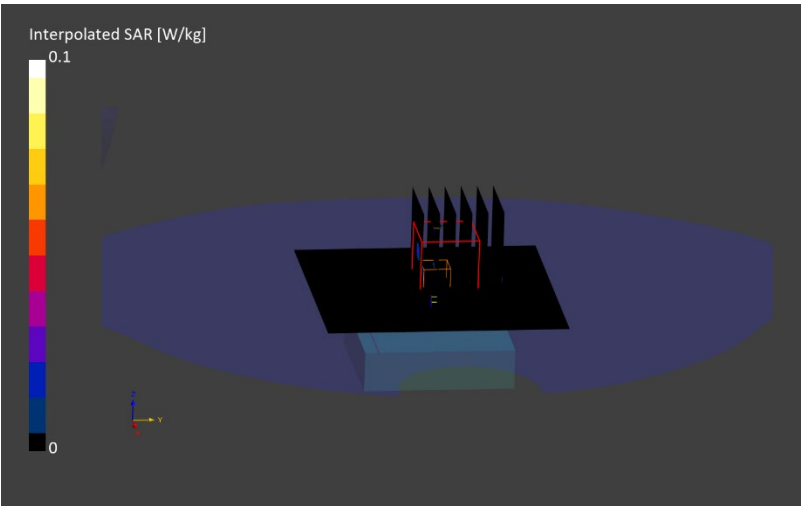
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-05-20	21.3	21.1	17.0.4.7034	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.34	43.8	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

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

psSAR1g [W/Kg]	0.006
Power Drift [dB]	0.15
Peak SAR (Extrapolated) [W/kg]	0.063
M2/M1 [%]	N/A
Dist 3dB Peak [mm]	2.4



RF SAFETY LABORATORY

DUT: A05170; SN: 64788

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	LTE-M Band 4	LTE-FDD: 1.4 MHz, QPSK, 50% RB (Mid), 10166	MAIN	Ch. 20175	1732.500	7.68, 7.4,7.37

Test Setup

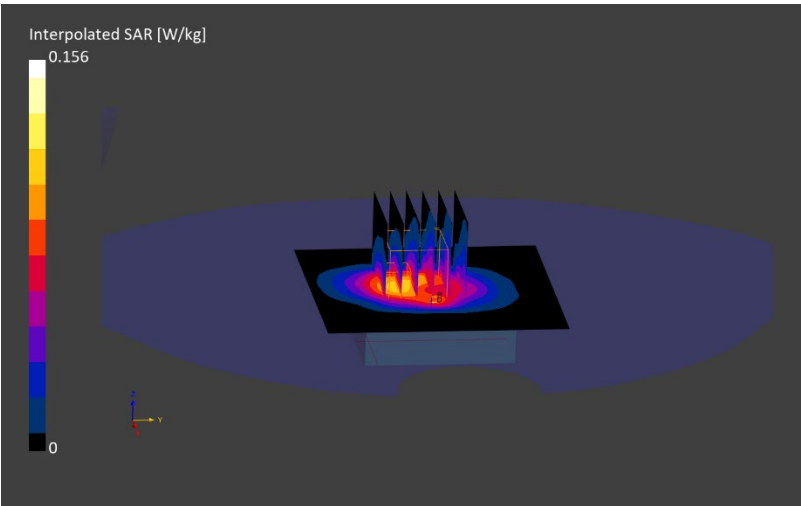
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-05-20	21.3	21.1	17.0.4.7034	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.34	43.8	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	36.0 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]	0.058
Power Drift [dB]	0.07
Peak SAR (Extrapolated) [W/kg]	0.156
M2/M1 [%]	84.3
Dist 3dB Peak [mm]	9.4



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)
Head	Flat, FRONT, 10.00	LTE-M Band 2	LTE-FDD: 1.4 MHz, QPSK, 50% RB (Mid), 10166	MAIN	Ch. 19100	1900.000	7.59, 7.46,7.22

Test Setup

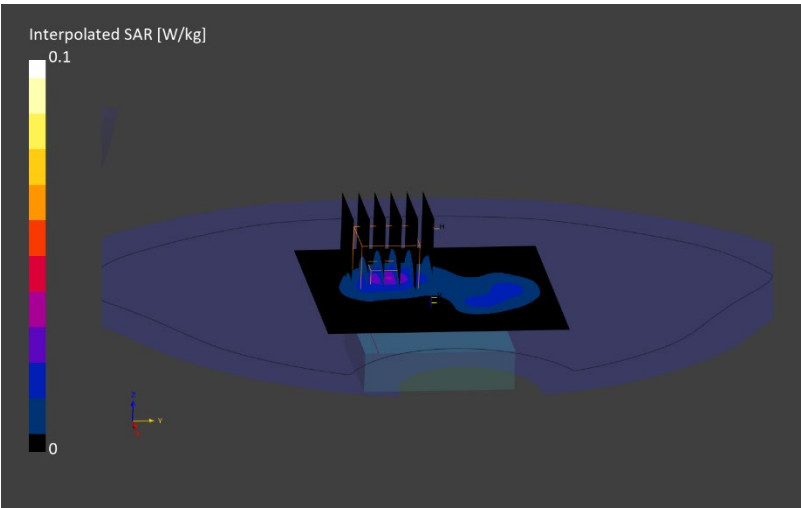
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-22	22.3	21.6	18.0.0.7250	Twin-SAM V8.0 – 2238	Head Simulating Liquid	1.41	41.5	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

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

psSAR1g [W/Kg]	0.027
Power Drift [dB]	-0.03
Peak SAR (Extrapolated) [W/kg]	0.054
M2/M1 [%]	82.0
Dist 3dB Peak [mm]	7.7



RF SAFETY LABORATORY

DUT: A05170; SN: 64788

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	LTE-M Band 2	LTE-FDD: 1.4 MHz, QPSK, 1 RB (Low), 10187	MAIN	Ch. 18700	1860.000	7.23, 6.96,6.94

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	21.3	21.1	17.0.4.7034	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.42	43.6	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	42.0 x 42.0 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]	0.072
Power Drift [dB]	0.17
Peak SAR (Extrapolated) [W/kg]	0.212
M2/M1 [%]	86.2
Dist 3dB Peak [mm]	8.1



RF SAFETY LABORATORY

DUT: A05170; SN: 64788

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	NB NTN Band 23	Custom: NTN 1 RB, 1	MAIN	Ch. 25500	2000.000	7.59, 7.46,7.22

Test Setup

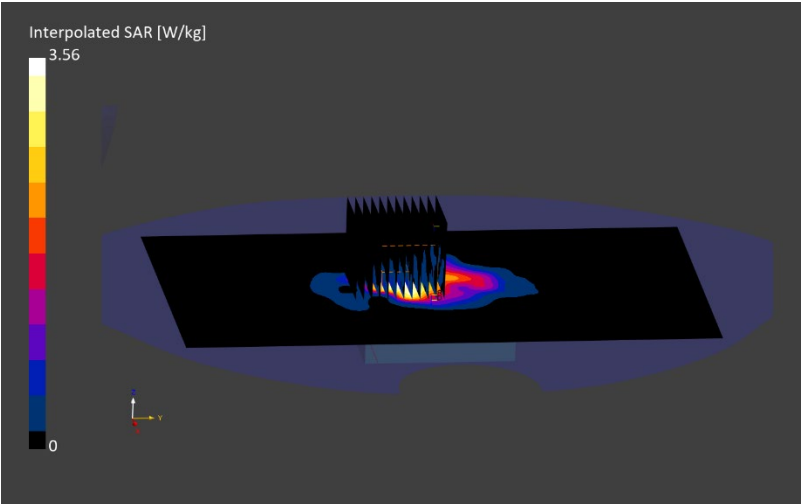
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-05	20.8	20.6	17.0.4.7034	Twin-SAM V8.0 – 2238	Head Simulating Liquid	1.46	41.0	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 33.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	3.0 x 3.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5
MAIA	Y	Y

Measurement Results

psSAR10g [W/Kg]	0.355
Power Drift [dB]	-0.2
Peak SAR (Extrapolated) [W/kg]	3.55
M2/M1 [%]	80.6
Dist 3dB Peak [mm]	3.0



RF SAFETY LABORATORY

DUT: A05170; SN: 64788

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	NB NTN Band 255	Custom: NTN 1 RB, 1	MAIN	Ch. 261674	1643.500	7.94, 7.8,7.55

Test Setup

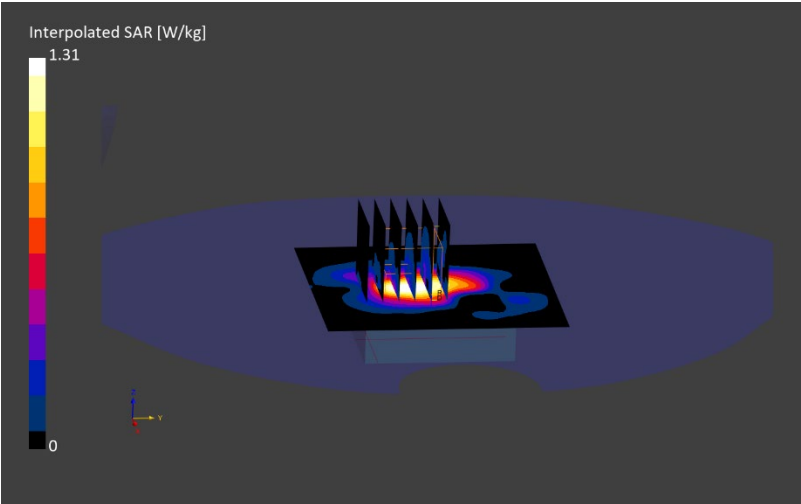
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-05	20.8	20.6	17.0.4.7034	Twin-SAM V8.0 – 2238	Head Simulating Liquid	1.25	41.5	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

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]	0.233
Power Drift [dB]	0.09
Peak SAR (Extrapolated) [W/kg]	1.31
M2/M1 [%]	90.5
Dist 3dB Peak [mm]	7.7



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 WIFI	WiFi (802.11b): DSSS, DBPSK, 1.0 Mbps, 99.9% DC, 10415	2.4 GHz	Ch. 11	2462.000	7.39, 7.44,7.43

Test Setup

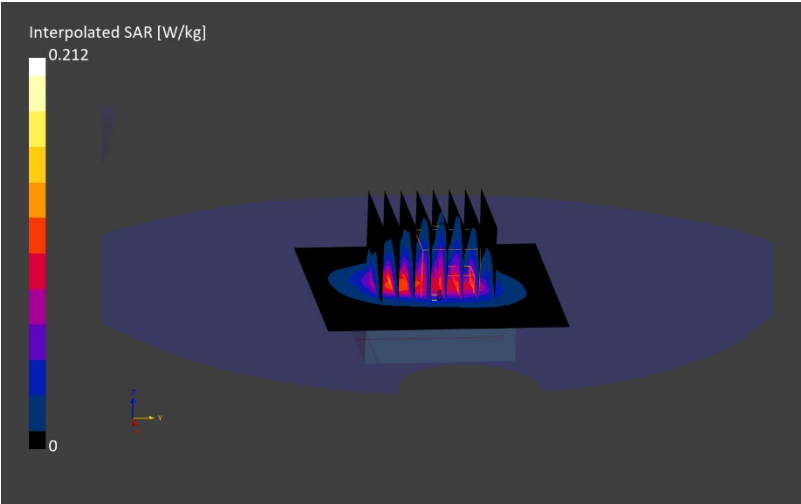
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-05-20	22.3	21.5	17.0.4.7034	Twin-SAM V8.0 – 2233	Head Simulating Liquid	1.87	42.2	EX3DV4 – SN7971, 2026-04-14	DAE4ip Sn1862, 2026-01-08

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	35.0 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]	0.046
Power Drift [dB]	-0.03
Peak SAR (Extrapolated) [W/kg]	0.290
M2/M1 [%]	79.1
Dist 3dB Peak [mm]	6.0



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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. 0	2402.000	6.94, 6.68,6.66

Test Setup

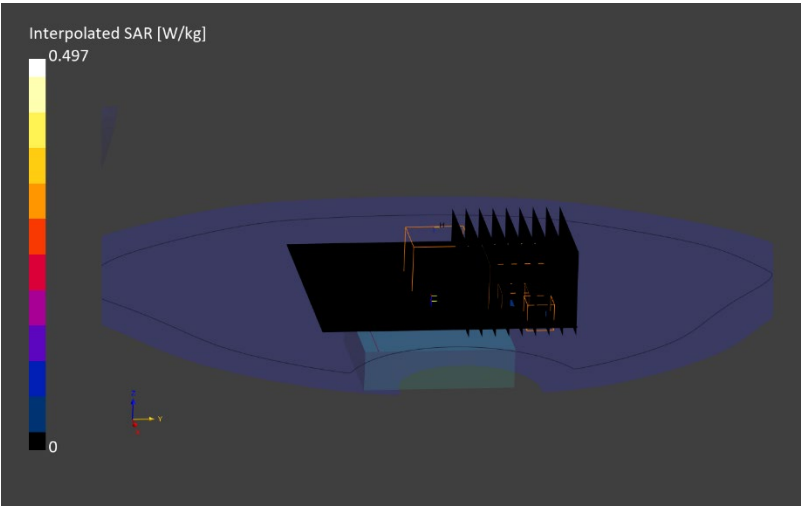
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-22	22.1	21.8	18.0.0.7250	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.80	41.7	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	40.0 x 45.0 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]	0.005
Power Drift [dB]	0.06
Peak SAR (Extrapolated) [W/kg]	0.497
M2 /M1 [%]	71.0
Dist 3dB Peak [mm]	1.0



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 Bluetooth	Bluetooth: BR, DH5, GFSK, 10032	2.4 GHz	Ch. 39	2441.000	6.94, 6.68,6.66

Test Setup

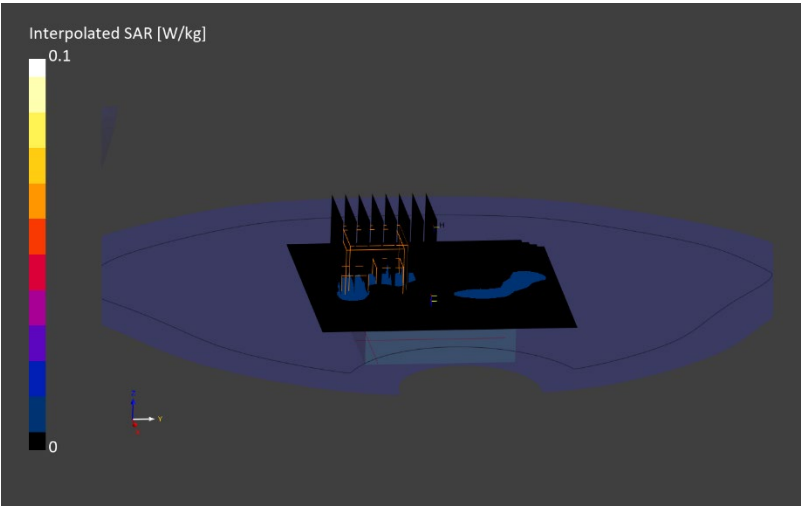
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-22	22.1	21.8	18.0.0.7250	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.83	41.7	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	40.0 x 35.0 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]	0.004
Power Drift [dB]	0.09
Peak SAR (Extrapolated) [W/kg]	0.025
M2 /M1 [%]	96.1
Dist 3dB Peak [mm]	5.4



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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
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]	-0.17
Peak SAR (Extrapolated) [W/kg]	0.002
M2/M1 [%]	89.7
Dist 3dB Peak [mm]	0.0

