

Appendix A: SAR Test Plots

RF SAFETY LABORATORY

DUT: A05169; SN: 66069

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, 1 RB (Low), 10187	Main	Ch. 23095	707.500	9.62, 9.46,9.15

Test Setup

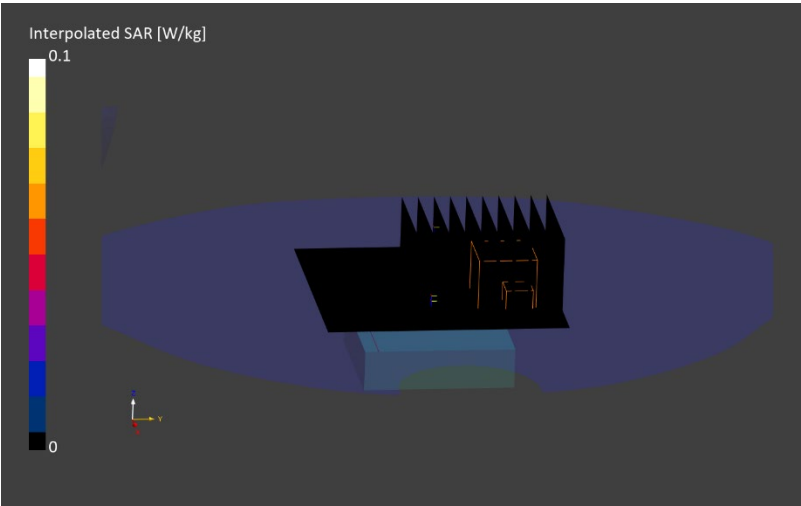
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-15	21.8	20.3	17.0.4.7034	Twin-SAM V8.0 – 2238	Head Simulating Liquid	0.832	44.2	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	48.0 x 54.0 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]	0.11
Peak SAR (Extrapolated) [W/kg]	0.002
M2/M1 [%]	N/A
Dist 3dB Peak [mm]	2.7



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	LTE-M Band 12	LTE-FDD: 1.4 MHz, QPSK, 1 RB (Low), 10187	Main	Ch. 23095	707.500	9.62, 9.46,9.15

Test Setup

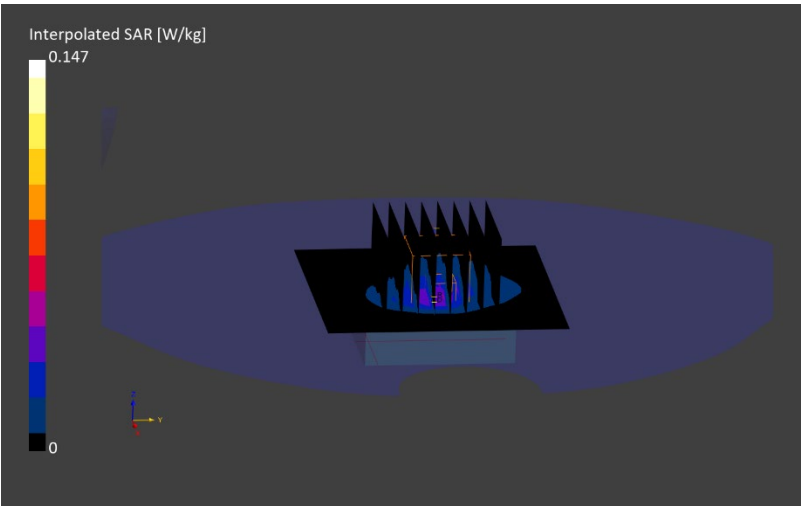
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-15	21.8	20.3	17.0.4.7034	Twin-SAM V8.0 – 2238	Head Simulating Liquid	0.832	44.2	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	42.0 x 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]	0.025
Power Drift [dB]	0.17
Peak SAR (Extrapolated) [W/kg]	0.147
M2/M1 [%]	62.3
Dist 3dB Peak [mm]	4.8



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, BACK, 10.00	LTE-M Band 4	LTE-FDD: 1.4 MHz, QPSK, 50% RB (Low), 10166	Main	Ch. 20175	1732.500	7.51, 7.49,7.07

Test Setup

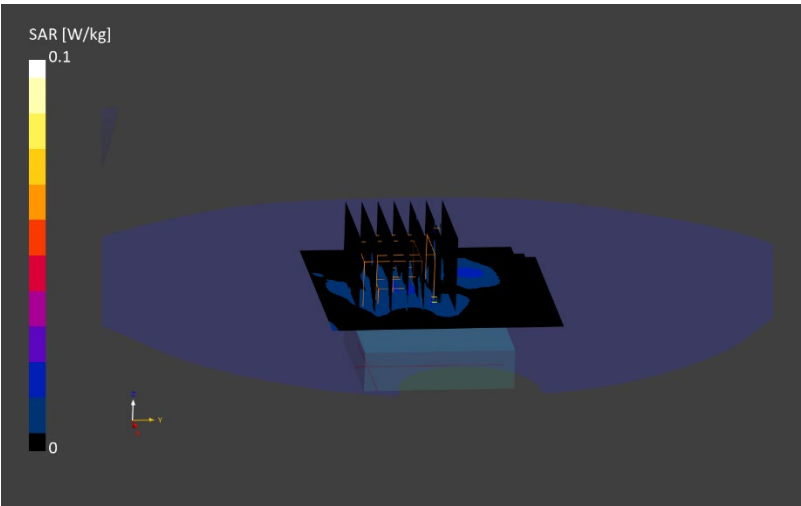
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-06	23	21.8	17.0.4.7034	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.35	41.4	EX3DV4 – SN7857, 2025-12-09	DAE4ip Sn1838, 2025-12-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	42.0 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

psSAR1g [W/Kg]	0.016
Power Drift [dB]	-0.05
Peak SAR (Extrapolated) [W/kg]	0.035
M2/M1 [%]	35.5
Dist 3dB Peak [mm]	8.1



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)
Extremity	Flat, BACK, 0.00	LTE-M Band 4	LTE-FDD: 1.4 MHz, QPSK, 1 RB (Mid), 10187	Main	Ch. 20175	1732.500	7.51, 7.49,7.07

Test Setup

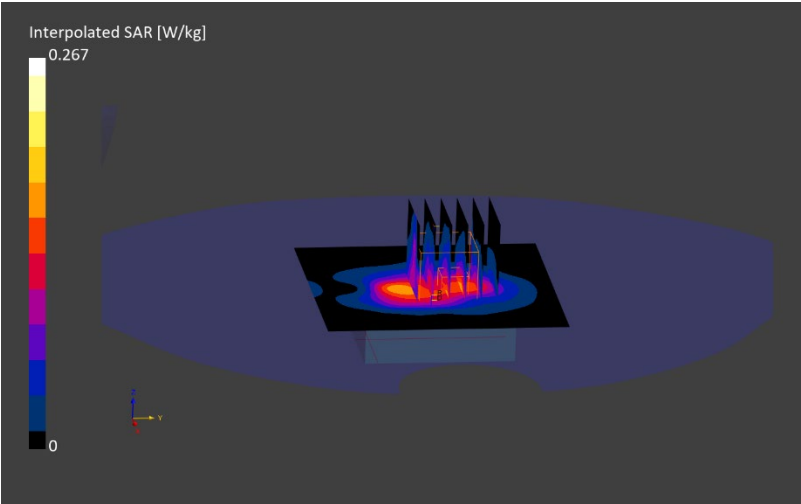
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-06	23	21.8	17.0.4.7034	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.35	41.4	EX3DV4 – SN7857, 2025-12-09	DAE4ip Sn1838, 2025-12-04

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]	0.088
Power Drift [dB]	-0.05
Peak SAR (Extrapolated) [W/kg]	0.267
M2/M1 [%]	88.7
Dist 3dB Peak [mm]	10.8



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Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Head	Flat, FRONT, 10.00	LTE-M Band 2	LTE-FDD: 1.4 MHz, QPSK, 50% RB (Mid), 10166	Main	Ch. 19100	1900.000	7.19, 7.17,6.77

Test Setup

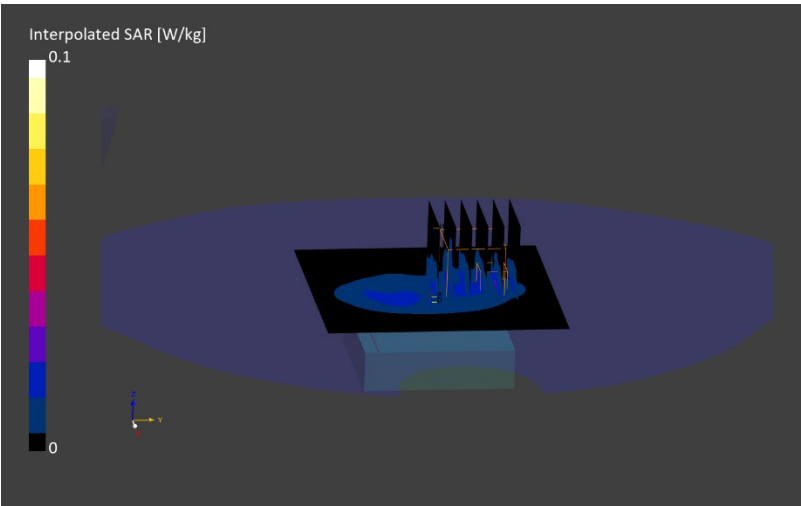
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-06	23	21.8	17.0.4.7034	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.44	41.1	EX3DV4 – SN7857, 2025-12-09	DAE4ip Sn1838, 2025-12-04

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]	0.022
Power Drift [dB]	-0.16
Peak SAR (Extrapolated) [W/kg]	0.038
M2/M1 [%]	90.2
Dist 3dB Peak [mm]	12.0



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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 2	LTE-FDD: 1.4 MHz, QPSK, 50% RB (Low), 10166	Main	Ch. 18700	1860.000	7.19, 7.17,6.77

Test Setup

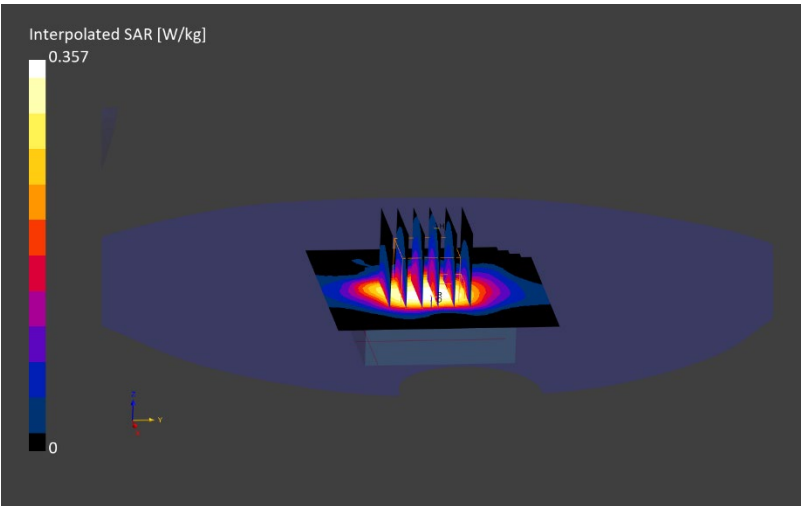
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-08	22.8	21.5	17.0.4.7034	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.39	40.6	EX3DV4 – SN7857, 2025-12-09	DAE4ip Sn1838, 2025-12-04

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]	0.135
Power Drift [dB]	-0.01
Peak SAR (Extrapolated) [W/kg]	0.358
M2/M1 [%]	85.1
Dist 3dB Peak [mm]	9.2



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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	NTN S-Band Band 23	Custom: NTN 1 RB, 1	Main	Ch. 25500	2000.000	7.59, 7.46,7.22

Test Setup

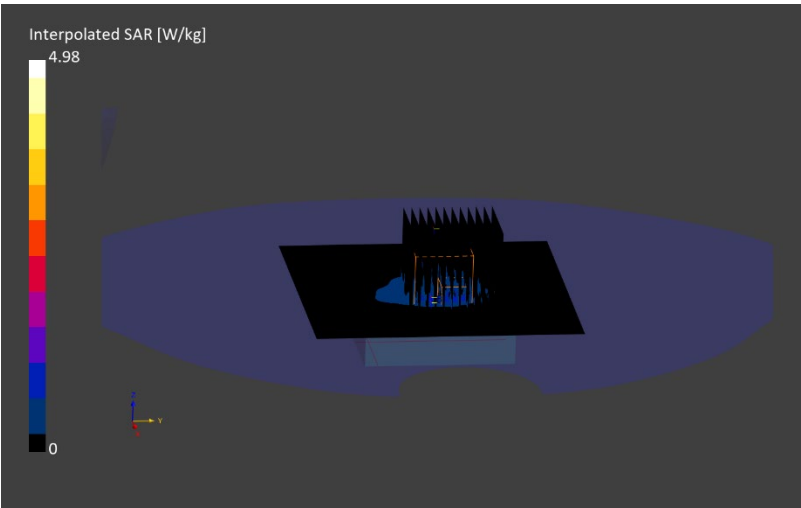
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-05-01	23.4	21.9	17.0.4.7034	Twin-SAM V8.0 – 2238	Head Simulating Liquid	1.44	38.9	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	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]	0.416
Power Drift [dB]	-0.12
Peak SAR (Extrapolated) [W/kg]	4.98
M2/M1 [%]	79.0
Dist 3dB Peak [mm]	3.1



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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	NTN L-Band Band 255	Custom: NTN 1 RB, 1	Main	Ch. 261843	1660.400	7.94, 7.8,7.55

Test Setup

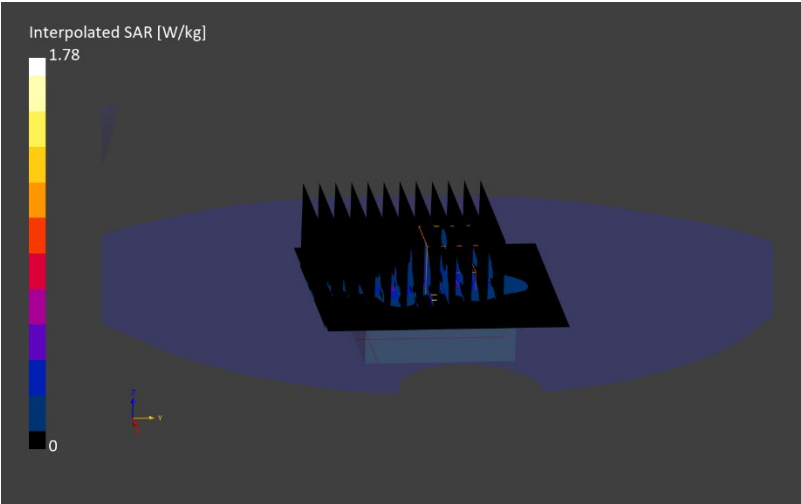
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-08	22.1	20.6	17.0.4.7034	Twin-SAM V8.0 – 2238	Head Simulating Liquid	1.25	40.3	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	66.0 x 66.0 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]	0.211
Power Drift [dB]	0.02
Peak SAR (Extrapolated) [W/kg]	1.78
M2/M1 [%]	82.0
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)
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	6.8, 6.79,6.4

Test Setup

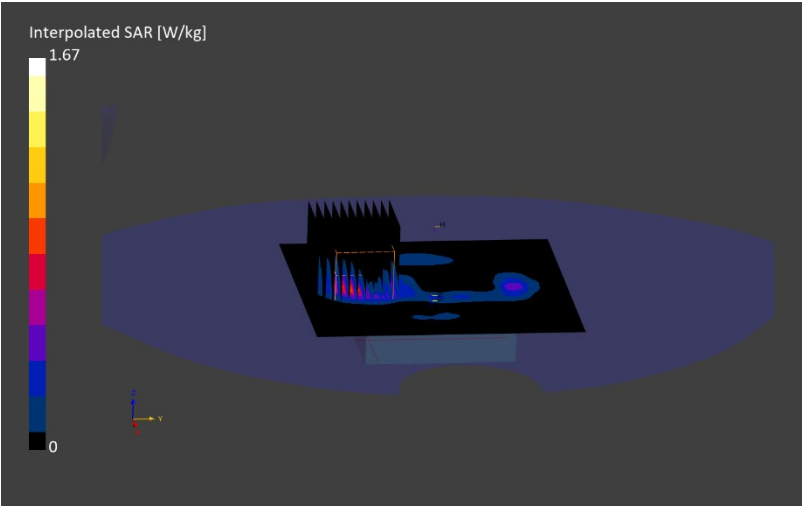
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-22	23.9	22.6	17.0.4.7034	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.85	41.9	EX3DV4 – SN7857, 2025-12-09	DAE4ip Sn1838, 2025-12-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	30.0 x 30.0 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]	0.232
Power Drift [dB]	-0.18
Peak SAR (Extrapolated) [W/kg]	1.67
M2/M1 [%]	73.9
Dist 3dB Peak [mm]	4.8



RF SAFETY LABORATORY

DUT: A05169; SN: 66069

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	6.8, 6.79,6.4

Test Setup

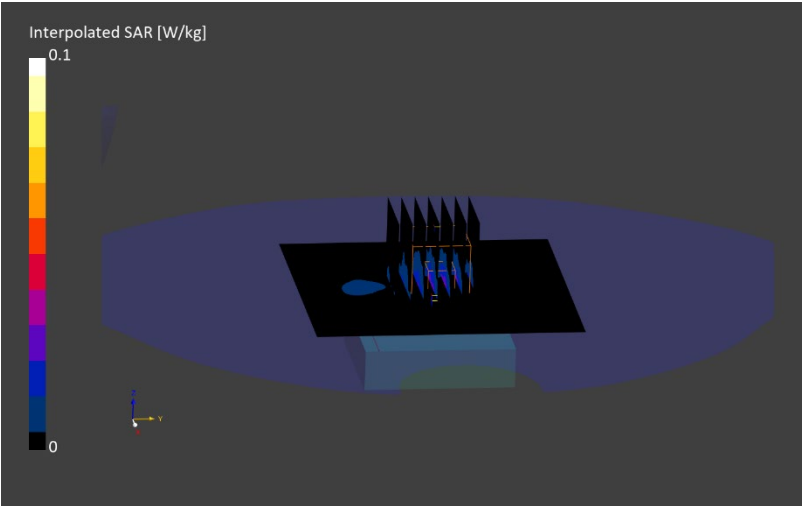
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-22	23.9	22.6	17.0.4.7034	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.80	41.9	EX3DV4 – SN7857, 2025-12-09	DAE4ip Sn1838, 2025-12-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	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]	0.027
Power Drift [dB]	0.18
Peak SAR (Extrapolated) [W/kg]	0.049
M2/M1 [%]	87.8
Dist 3dB Peak [mm]	9.3



RF SAFETY LABORATORY

DUT: A05169; SN: 66069

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. 78	2480.000	6.8, 6.79,6.4

Test Setup

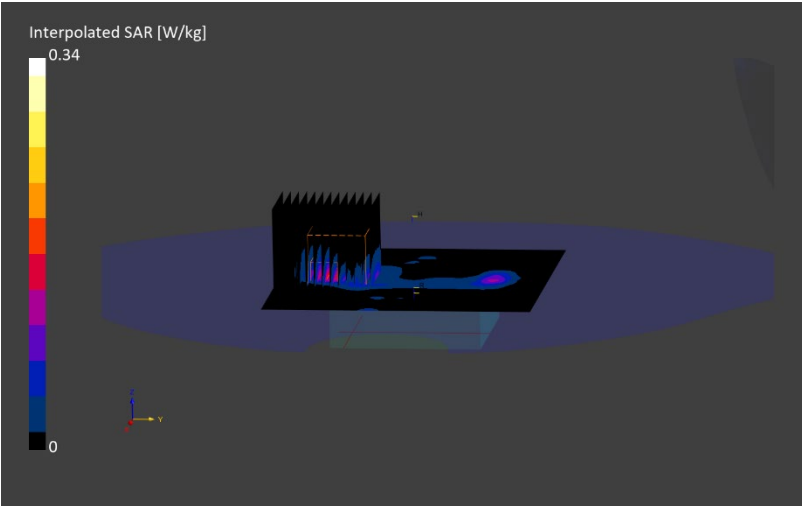
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-22	23.9	22.6	17.0.4.7034	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.87	41.8	EX3DV4 – SN7857, 2025-12-09	DAE4ip Sn1838, 2025-12-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	30.0 x 36.0 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]	0.047
Power Drift [dB]	0
Peak SAR (Extrapolated) [W/kg]	0.340
M2/M1 [%]	7.9
Dist 3dB Peak [mm]	4.2



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	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
2026-03-15	20.9	20.3	16.4.0.5005	ELI V8.0 – 2216	Head Simulating Liquid	0.697	53.3	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
Peak SAR (Extrapolated) [W/kg]	0.004
M2/M1 [%]	32.8
Dist 3dB Peak [mm]	1.7

