

Appendix A: SAR Test Plots

RF SAFETY LABORATORY

DUT: A05171; SN: 00003

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 (Mid), 10187	MAIN	Ch. 23095	707.500	9.62, 9.46,9.15

Test Setup

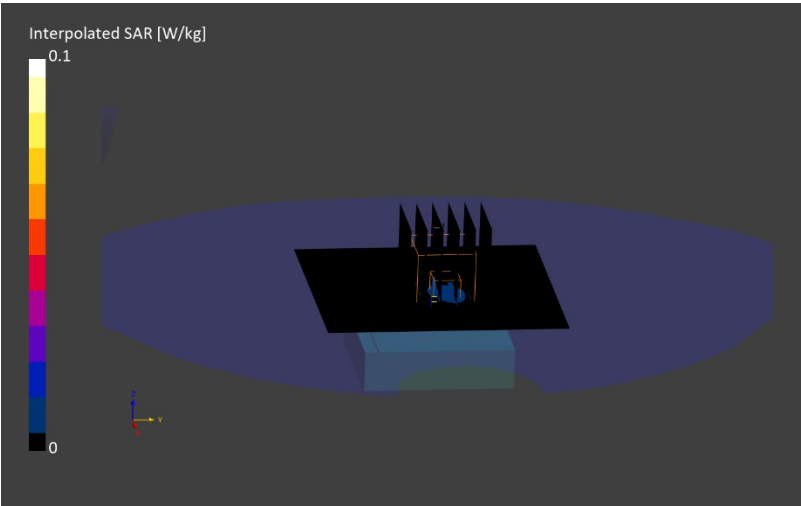
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-29	23.7	22.1	17.0.4.7034	Twin-SAM V8.0 – 2238	Head Simulating Liquid	0.879	41.9	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

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]	0.007
Power Drift [dB]	0.06
Peak SAR (Extrapolated) [W/kg]	0.013
M2/M1 [%]	92.3
Dist 3dB Peak [mm]	12.6



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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 (Mid), 10187	MAIN	Ch. 23095	707.500	9.62, 9.46,9.15

Test Setup

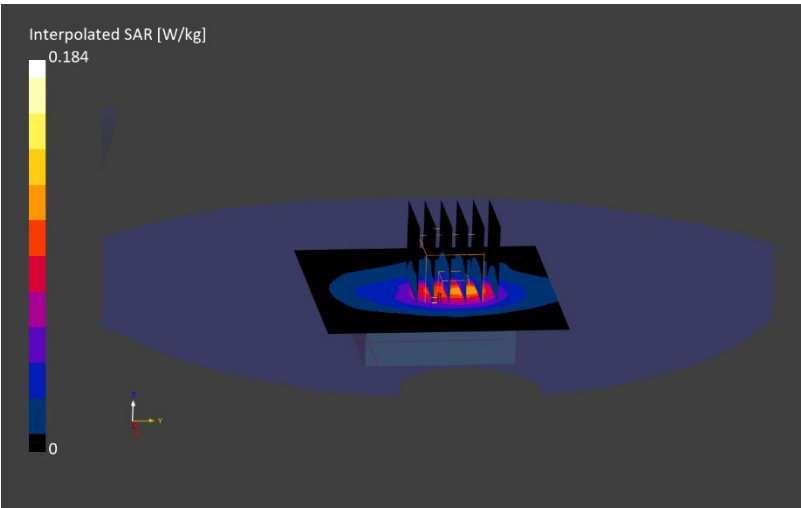
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-29	23.7	22.1	17.0.4.7034	Twin-SAM V8.0 – 2238	Head Simulating Liquid	0.879	41.9	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

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]	0.023
Power Drift [dB]	-0.04
Peak SAR (Extrapolated) [W/kg]	0.184
M2/M1 [%]	60.8
Dist 3dB Peak [mm]	4.8



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

Test Setup

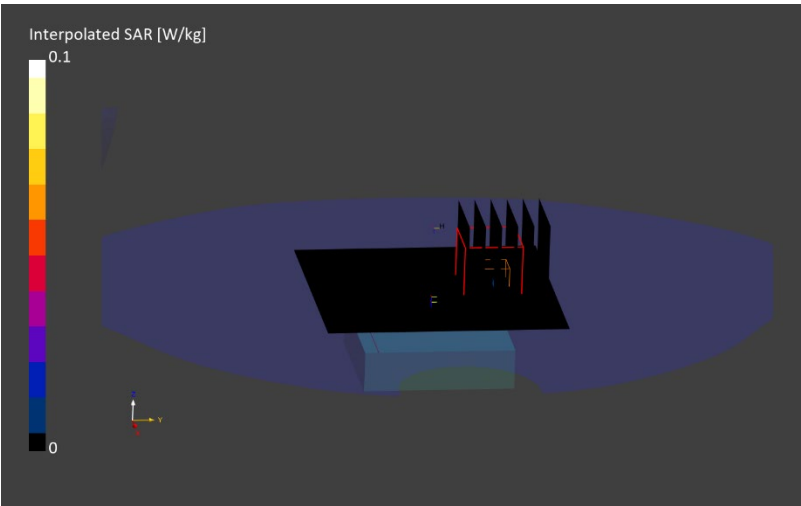
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-29	23.5	23	17.0.4.7034	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.33	41.2	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

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]	0.002
Power Drift [dB]	-0.09
Peak SAR (Extrapolated) [W/kg]	0.027
M2/M1 [%]	73.8
Dist 3dB Peak [mm]	2.4



RF SAFETY LABORATORY

DUT: A05171; SN: 00003

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 (Low), 10187	MAIN	Ch. 20175	1732.500	7.68, 7.4,7.37

Test Setup

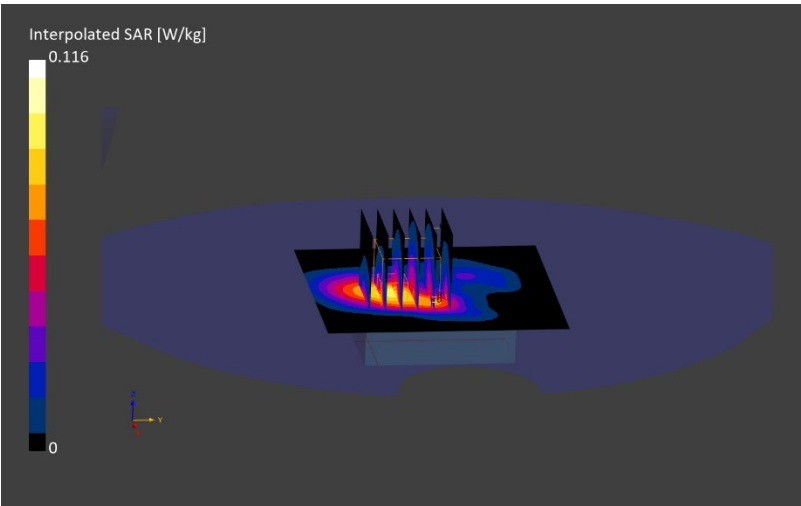
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-29	23.5	23	17.0.4.7034	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.33	41.2	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

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

psSAR10g [W/Kg]	0.039
Power Drift [dB]	0.02
Peak SAR (Extrapolated) [W/kg]	0.116
M2/M1 [%]	83.5
Dist 3dB Peak [mm]	8.8



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, FRONT, 10.00	LTE-M Band 2	LTE-FDD: 1.4 MHz, QPSK, 1 RB (Mid), 10187	MAIN	Ch. 18700	1860.000	7.23, 6.96,6.94

Test Setup

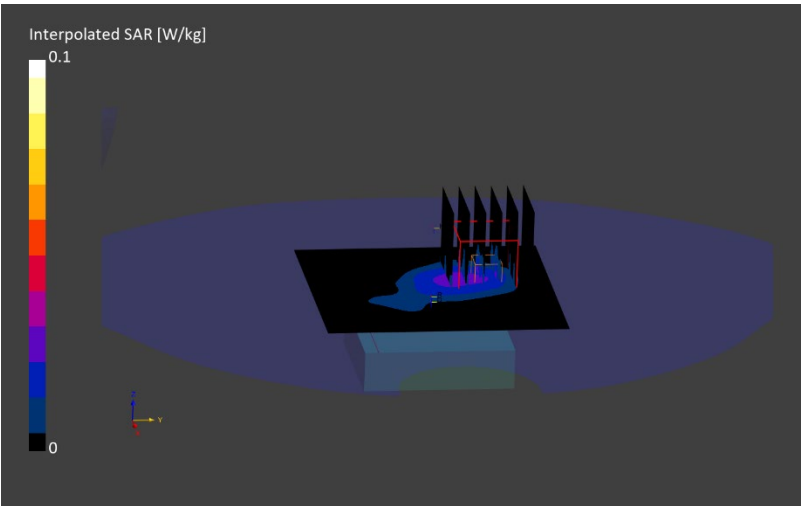
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-29	23.5	23	17.0.4.7034	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.41	41.0	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

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]	0.017
Power Drift [dB]	-0.09
Peak SAR (Extrapolated) [W/kg]	0.039
M2/M1 [%]	87.9
Dist 3dB Peak [mm]	6.0



RF SAFETY LABORATORY

DUT: A05171; SN: 00003

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. 18900	1880.000	7.23, 6.96,6.94

Test Setup

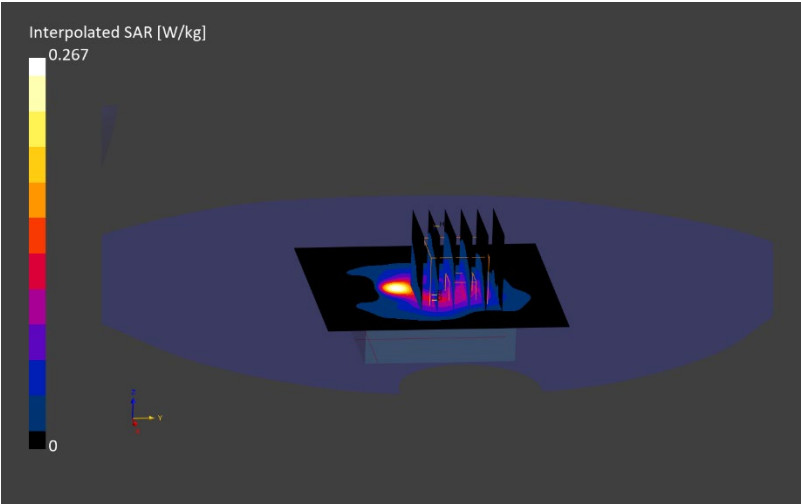
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-29	23.5	23	17.0.4.7034	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.42	41.0	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

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

psSAR10g [W/Kg]	0.04
Power Drift [dB]	0.01
Peak SAR (Extrapolated) [W/kg]	0.114
M2/M1 [%]	85.2
Dist 3dB Peak [mm]	8.4



RF SAFETY LABORATORY

DUT: A05171; SN: 00003

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

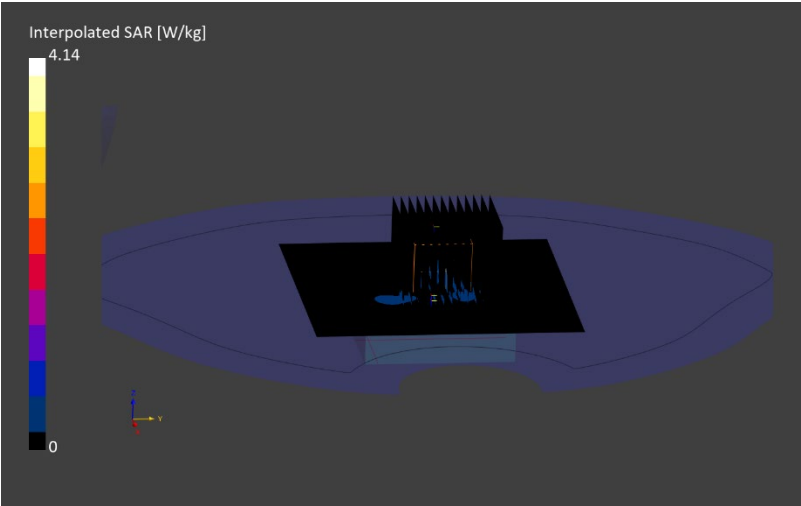
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-27	22.7	22.3	18.0.0.7250	Twin-SAM V8.0 – 2238	Head Simulating Liquid	1.46	41.2	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	30.0 x 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]	0.276
Power Drift [dB]	-0.11
Peak SAR (Extrapolated) [W/kg]	4.14
M2/M1 [%]	70.7
Dist 3dB Peak [mm]	3.8



RF SAFETY LABORATORY

DUT: A05171; SN: 00003

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. 261843	1660.400	7.94, 7.8,7.55

Test Setup

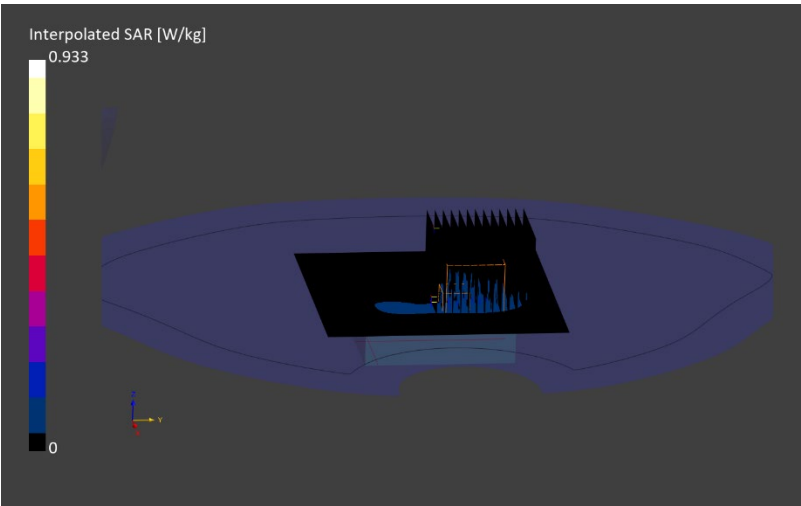
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-10	20.6	20.6	18.0.0.7250	Twin-SAM V8.0 – 2238	Head Simulating Liquid	1.27	41.1	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	33.0 x 36.0 x 31.2
Grid Steps [mm]	15.0 x 15.0	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]	0.068
Power Drift [dB]	-0.11
Peak SAR (Extrapolated) [W/kg]	0.933
M2/M1 [%]	81.2
Dist 3dB Peak [mm]	1.9



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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. 6	2437.000	6.94, 6.68,6.66

Test Setup

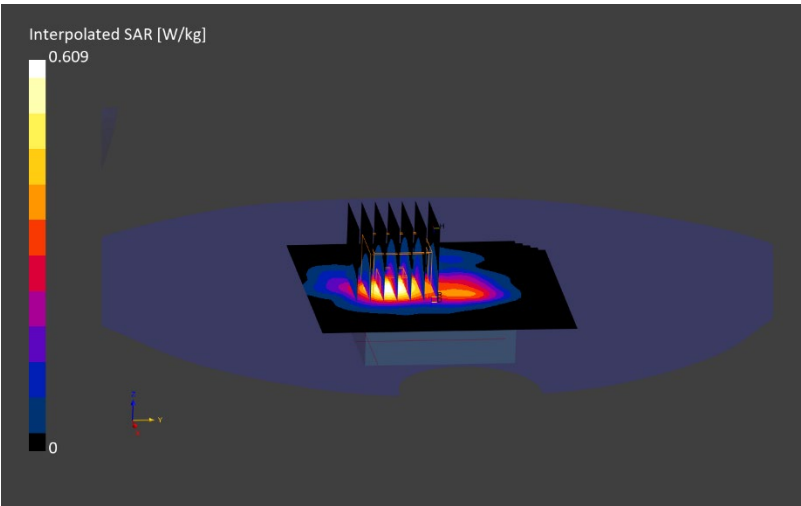
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-28	23	22.4	17.0.4.7034	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.81	40.6	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

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

psSAR10g [W/Kg]	0.161
Power Drift [dB]	0.18
Peak SAR (Extrapolated) [W/kg]	0.609
M2/M1 [%]	85.4
Dist 3dB Peak [mm]	9.5



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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

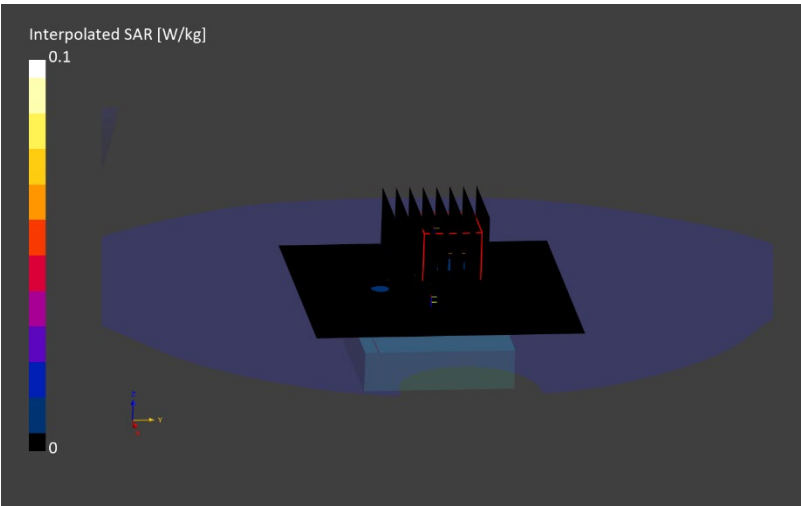
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-28	23	22.4	17.0.4.7034	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.78	40.6	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	35.0 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

psSAR1g [W/Kg]	0.005
Power Drift [dB]	-0.09
Peak SAR (Extrapolated) [W/kg]	0.019
M2/M1 [%]	75.2
Dist 3dB Peak [mm]	4.0



RF SAFETY LABORATORY

DUT: A05171; SN: 00003

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. 0	2402.000	6.94, 6.68,6.66

Test Setup

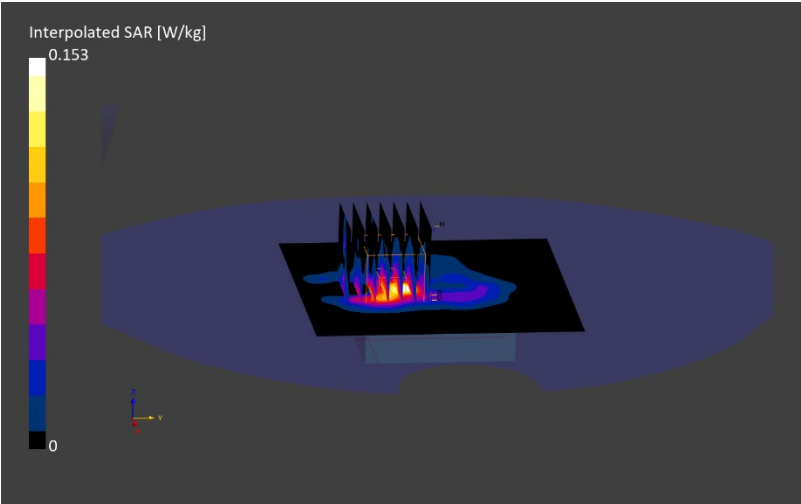
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-28	23	22.4	17.0.4.7034	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.78	40.6	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

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

psSAR10g [W/Kg]	0.032
Power Drift [dB]	-0.06
Peak SAR (Extrapolated) [W/kg]	0.153
M2/M1 [%]	86.8
Dist 3dB Peak [mm]	10.9



RF SAFETY LABORATORY

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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
2026-06-17	23.4	23.8	16.4.0.5005	ELI V8.0 – 2216	Head Simulating Liquid	0.765	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	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]	-0.19
Peak SAR (Extrapolated) [W/kg]	0
M2/M1 [%]	31.5
Dist 3dB Peak [mm]	0.0

