

Appendix A: SAR Test Plots

RF SAFETY LABORATORY

DUT: A05172; SN: 00231

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

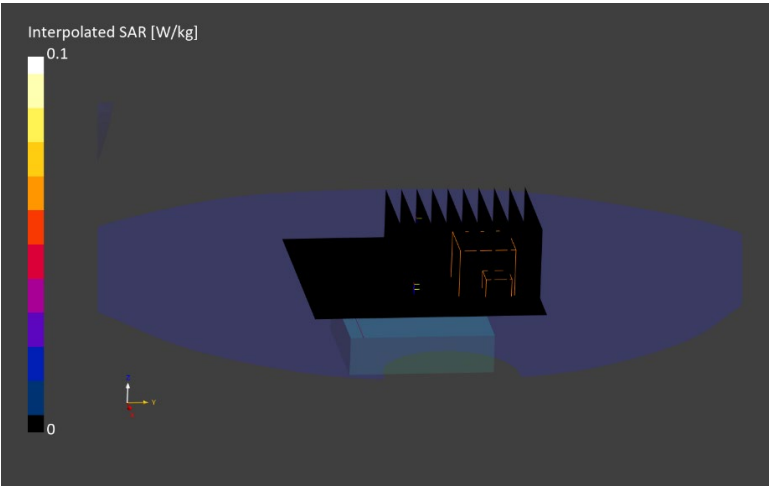
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-27	22.5	22.2	17.0.4.7034	Twin-SAM V8.0 – 2238	Head Simulating Liquid	0.859	41.1	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	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
Power Drift [dB]	0.17
Peak SAR (Extrapolated) [W/kg]	0.006
M2/M1 [%]	64.8
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

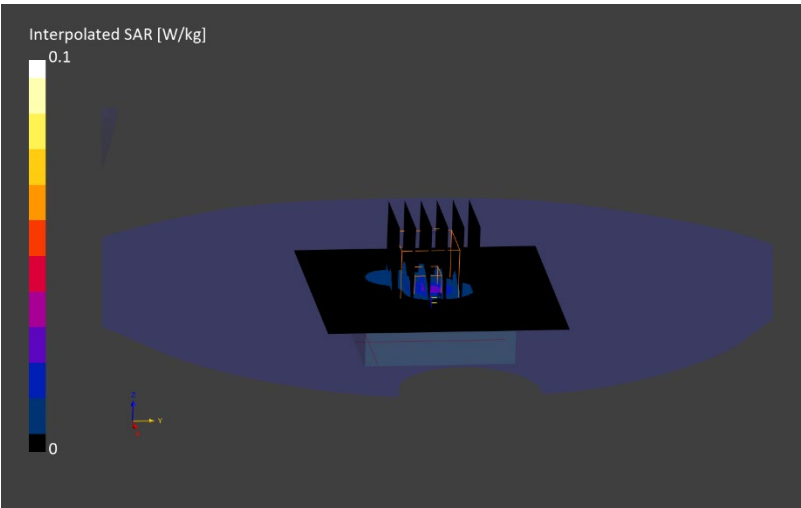
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-27	22.5	22.2	17.0.4.7034	Twin-SAM V8.0 – 2238	Head Simulating Liquid	0.859	41.1	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	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]	0.011
Power Drift [dB]	0.17
Peak SAR (Extrapolated) [W/kg]	0.076
M2/M1 [%]	67.2
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)
Head	Flat, BACK, 10.00	LTE-M Band 4	LTE-FDD: 1.4 MHz, QPSK, 50% RB (Low), 10166	Main	Ch. 20175	1732.500	7.78, 7.65, 7.4

Test Setup

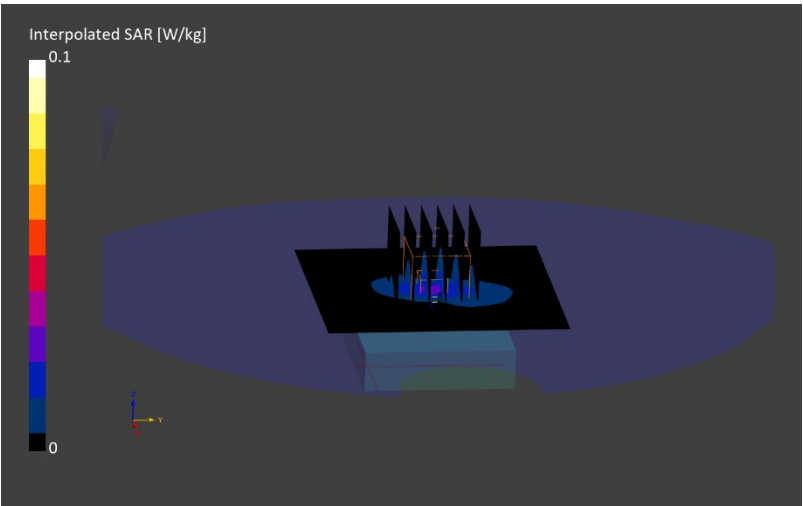
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-05-18	20.3	20.5	17.0.4.7034	Twin-SAM V8.0 – 2238	Head Simulating Liquid	1.29	39.7	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

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]	0.025
Power Drift [dB]	0.16
Peak SAR (Extrapolated) [W/kg]	0.036
M2/M1 [%]	93.1
Dist 3dB Peak [mm]	8.8



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Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Extremity	Flat, BACK, 0.00	LTE-M Band 4	LTE-FDD: 1.4 MHz, QPSK, 1 RB (High), 10187	Main	Ch. 20175	1732.500	7.78, 7.65, 7.4

Test Setup

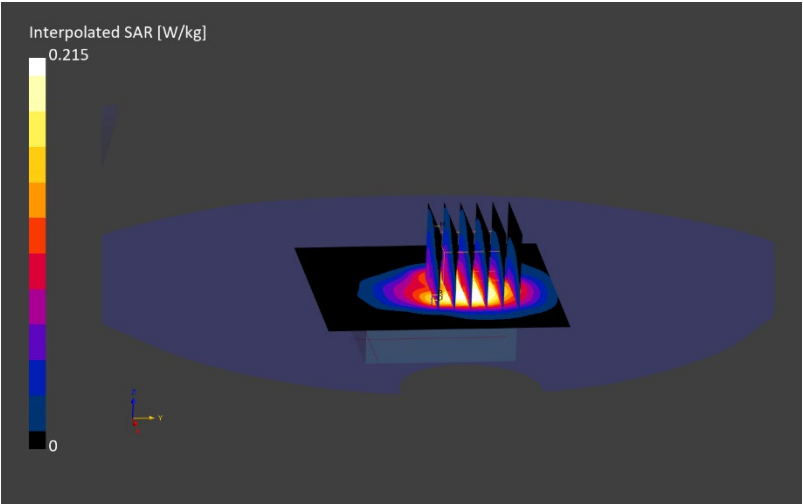
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-05-18	20.3	20.5	17.0.4.7034	Twin-SAM V8.0 – 2238	Head Simulating Liquid	1.29	39.7	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

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]	0.083
Power Drift [dB]	-0.13
Peak SAR (Extrapolated) [W/kg]	0.215
M2/M1 [%]	84.7
Dist 3dB Peak [mm]	8.5



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

Test Setup

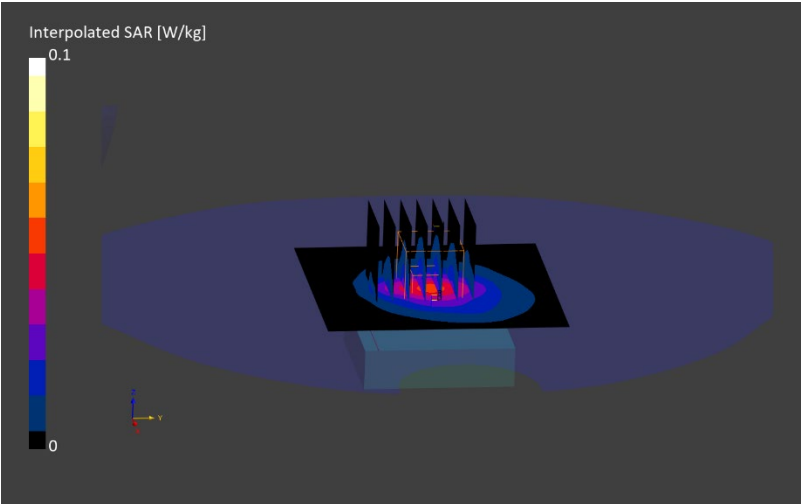
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-05-20	21.3	21.1	17.0.4.7034	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.42	43.6	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	30.0 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]	0.03
Power Drift [dB]	0.12
Peak SAR (Extrapolated) [W/kg]	0.042
M2/M1 [%]	92.7
Dist 3dB Peak [mm]	13.5



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Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Extremity	Flat, BACK, 0.00	LTE-M Band 2	LTE-FDD: 1.4 MHz, QPSK, 50% RB (High), 10166	Main	Ch. 18700	1860.000	7.23, 6.96,6.94

Test Setup

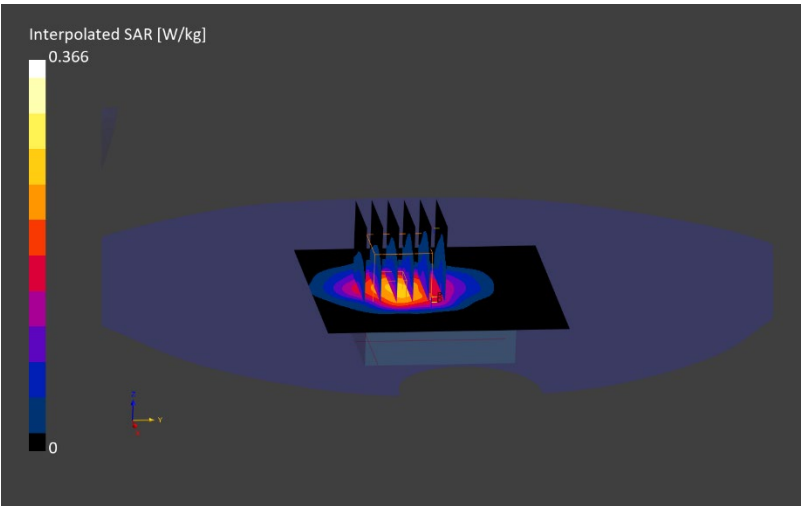
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-05-20	21.3	21.1	17.0.4.7034	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.42	43.6	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	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]	0.085
Power Drift [dB]	-0.01
Peak SAR (Extrapolated) [W/kg]	0.231
M2/M1 [%]	87.8
Dist 3dB Peak [mm]	11.4



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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	NB NTN Band 23	Custom: NTN 1 RB, 1	Main	Ch. 25600	2010.000	7.46, 7.34, 7.1

Test Setup

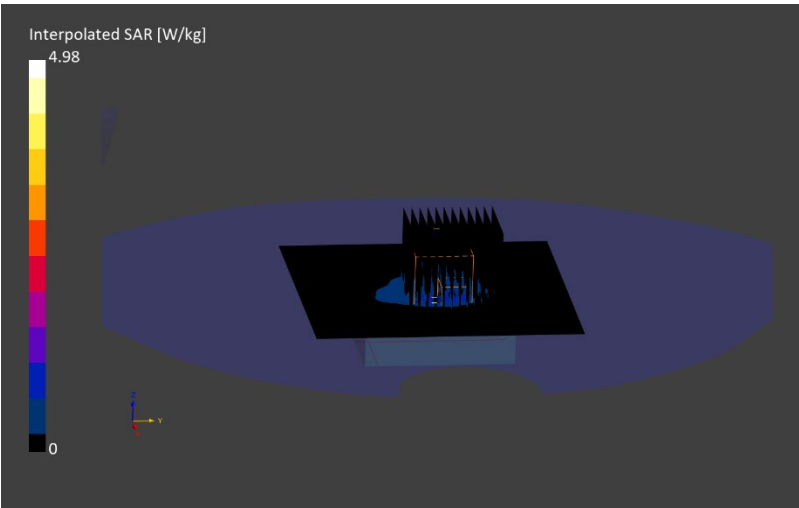
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-14	20.6	20.7	18.0.0.7250	Twin-SAM V8.0 – 2238	Head Simulating Liquid	1.46	40.1	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	39.0 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]	0.411
Power Drift [dB]	-0.10
Peak SAR (Extrapolated) [W/kg]	3.20
M2/M1 [%]	84.0
Dist 3dB Peak [mm]	5.7



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

Test Setup

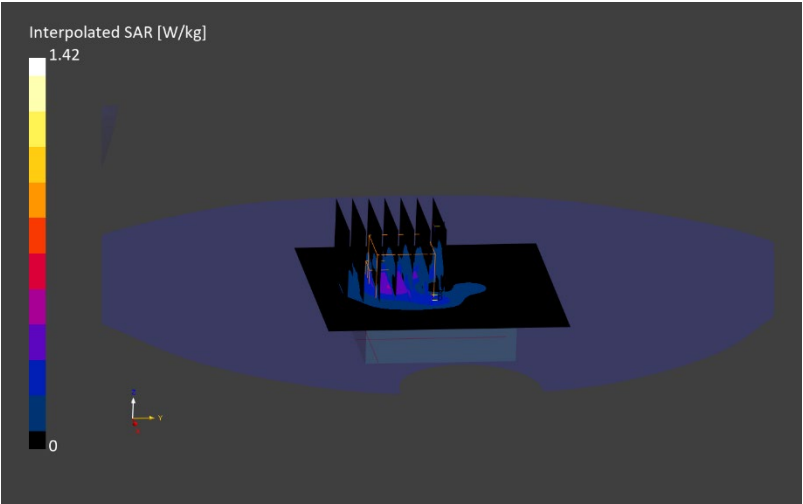
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-05-20	21.8	20.5	17.0.4.7034	Twin-SAM V8.0 – 2238	Head Simulating Liquid	1.26	41.8	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	36.0 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

psSAR10g [W/Kg]	0.214
Power Drift [dB]	0.11
Peak SAR (Extrapolated) [W/kg]	1.42
M2/M1 [%]	83.8
Dist 3dB Peak [mm]	7.0



RF SAFETY LABORATORY

DUT: A05172; SN: 00231

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. 9	2452.000	6.94, 6.68,6.66

Test Setup

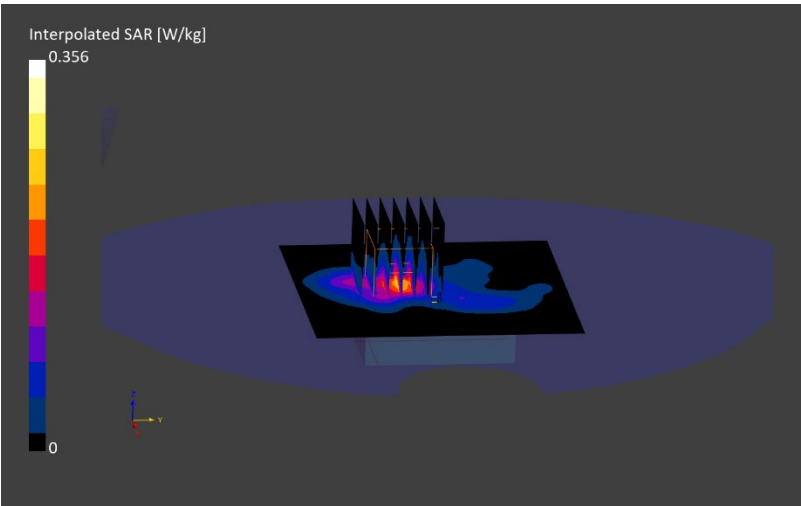
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-28	23	22.4	17.0.4.7034	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.83	40.5	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

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]	0.080
Power Drift [dB]	0.14
Peak SAR (Extrapolated) [W/kg]	0.356
M2/M1 [%]	87.6
Dist 3dB Peak [mm]	8.1



RF SAFETY LABORATORY

DUT: A05172; SN: 00231

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. 78	2480.000	7.22, 7.1,6.87

Test Setup

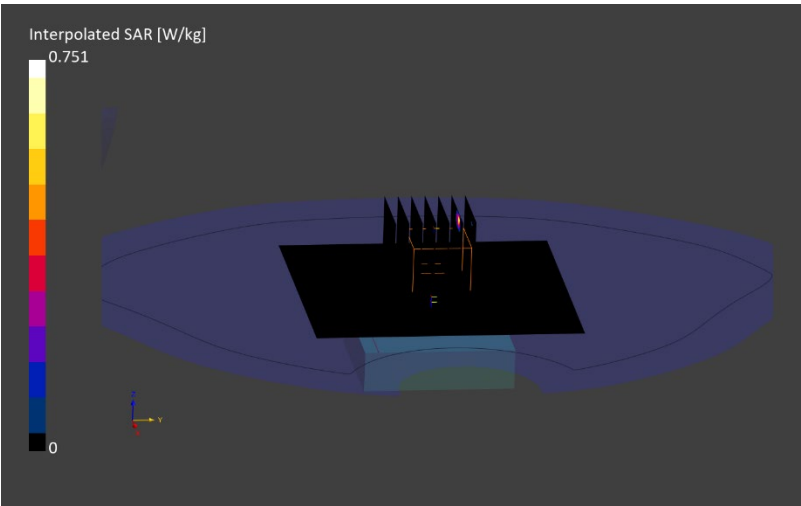
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-17	24.1	22	18.0.0.7250	Twin-SAM V8.0 – 2238	Head Simulating Liquid	1.80	40.4	EX3DV4 – SN7969, 2026-01-13	DAE4ip Sn1933, 2026-01-07

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	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]	0.035
Power Drift [dB]	-0.14
Peak SAR (Extrapolated) [W/kg]	0.751
M2/M1 [%]	83.0
Dist 3dB Peak [mm]	8.3



RF SAFETY LABORATORY

DUT: A05172; SN: 00231

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	7.39, 7.44,7.43

Test Setup

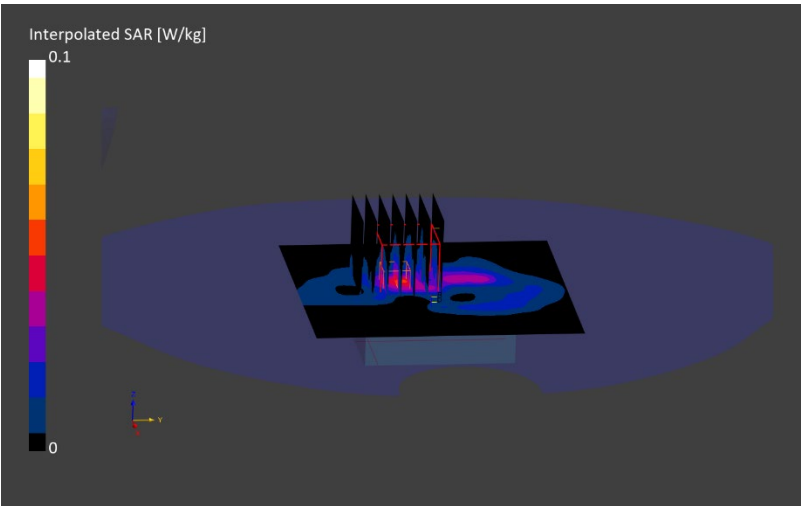
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-04-29	23.5	22.4	17.0.4.7034	Twin-SAM V8.0 – 2233	Head Simulating Liquid	1.82	38.2	EX3DV4 – SN7971, 2026-04-14	DAE4ip Sn1862, 2026-01-08

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 100.0	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]	0.015
Power Drift [dB]	-0.06
Peak SAR (Extrapolated) [W/kg]	0.076
M2/M1 [%]	94.4
Dist 3dB Peak [mm]	5.1



RF SAFETY LABORATORY

DUT: A05172; SN: 00231

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]	-0.08
Peak SAR (Extrapolated) [W/kg]	0.002
M2/M1 [%]	90.3
Dist 3dB Peak [mm]	0.0

