

Appendix A: SAR Test Plots

RF SAFETY LABORATORY

DUT: A05001; SN: 00230

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 (SC-FDMA, 50% RB, 1.4 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, 10166	A05001-A2	Ch. 23095	707.500	9.2, 9.0,9.65

Test Setup

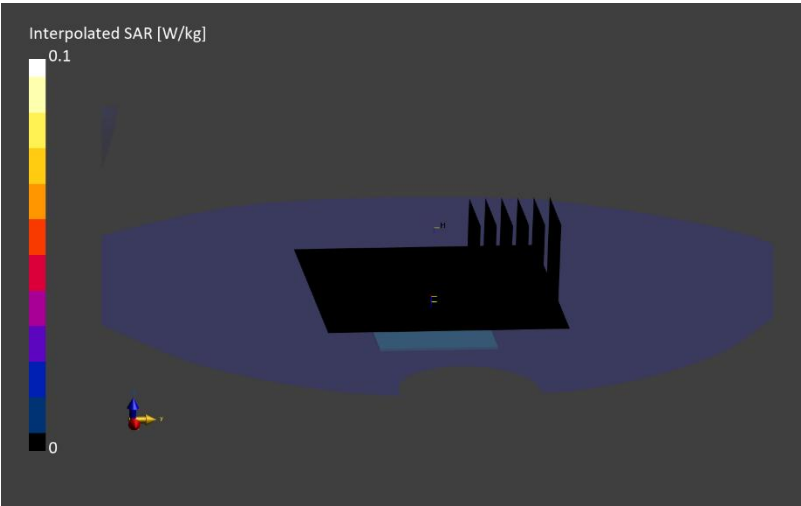
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-08-08	22.3	21.3	16.4.0.5005	Twin-SAM V8.0 – 2165	Head Simulating Liquid	0.870	43.8	EX3DV4 – SN7836, 2024-09-12	DAE4ip Sn1839, 2024-09-04

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
Power Drift [dB]	-0.08
Peak SAR (Extrapolated) [W/kg]	0.007
M2/M1 [%]	83.8
Dist 3dB Peak [mm]	1.2



RF SAFETY LABORATORY

DUT: A05001; SN: 00230

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 (SC-FDMA, 50% RB, 1.4 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, 10166	A05001-A2	Ch. 23095	707.500	9.2, 9.0,9.65

Test Setup

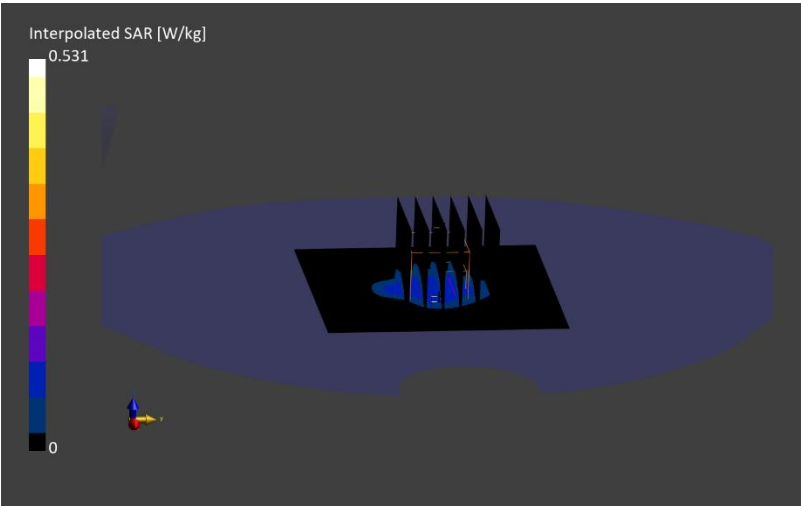
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-08-08	22.3	21.3	16.4.0.5005	Twin-SAM V8.0 – 2165	Head Simulating Liquid	0.870	43.8	EX3DV4 – SN7836, 2024-09-12	DAE4ip Sn1839, 2024-09-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	37.6 x 37.6 x 33.4
Grid Steps [mm]	15.0 x 15.0	4.7 x 4.7 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.4
MAIA	Y	Y

Measurement Results

psSAR10g [W/Kg]	0.058
Power Drift [dB]	0.19
Peak SAR (Extrapolated) [W/kg]	0.397
M2/M1 [%]	58.6
Dist 3dB Peak [mm]	5.7



RF SAFETY LABORATORY

DUT: A05001; SN: 00460

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 (SC-FDMA, 1 RB, 1.4 MHz, QPSK) RBPosition:High AntennaCfg:SISO, 10187	A05001-A3	Ch. 20175	1732.500	7.52, 7.93,7.47

Test Setup

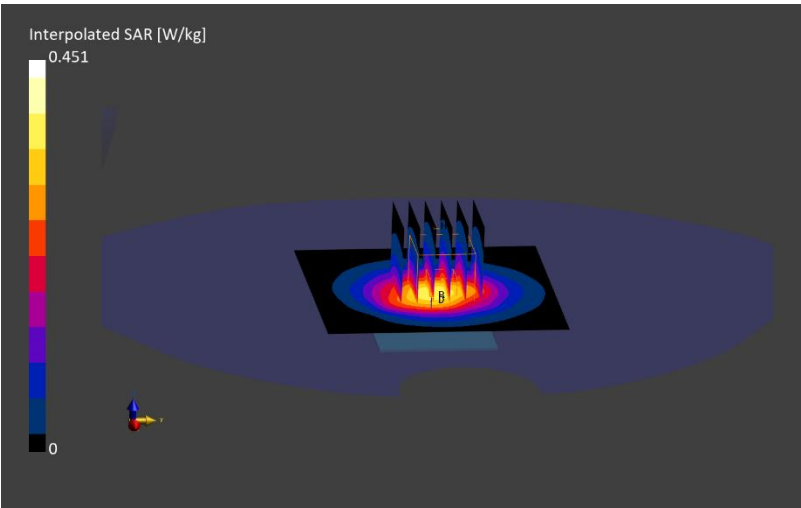
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-08-11	22.7	22.5	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.35	40.1	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1905, 2025-04-25

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]	0.303
Power Drift [dB]	-0.11
Peak SAR (Extrapolated) [W/kg]	0.451
M2/M1 [%]	89.8
Dist 3dB Peak [mm]	18.8



RF SAFETY LABORATORY

DUT: A05001; SN: 00460

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 (SC-FDMA, 1 RB, 1.4 MHz, QPSK) RBPosition:High AntennaCfg:SISO, 10187	A05001-A3	Ch. 20175	1732.500	7.52, 7.93,7.47

Test Setup

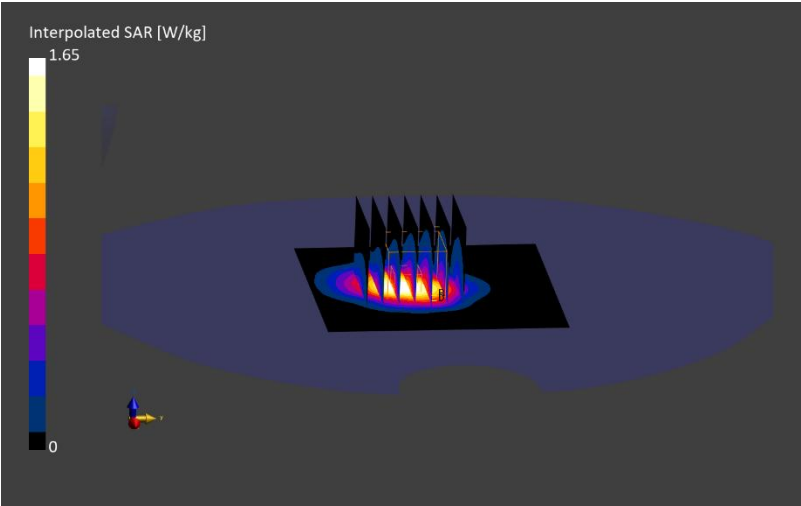
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-08-11	22.7	22.5	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.35	40.1	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1905, 2025-04-25

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]	0.548
Power Drift [dB]	0.08
Peak SAR (Extrapolated) [W/kg]	1.64
M2/M1 [%]	89.4
Dist 3dB Peak [mm]	13.0



RF SAFETY LABORATORY

DUT: A05001; SN: 00230

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 (SC-FDMA, 1 RB, 1.4 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, 10187	A05001-A3	Ch. 18900	1880.000	7.26, 7.65,7.22

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
2025-08-07	22.5	22	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.43	39.6	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1905, 2025-04-25

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

psSAR1g [W/Kg]	0.296
Power Drift [dB]	0.05
Peak SAR (Extrapolated) [W/kg]	0.448
M2/M1 [%]	89.5
Dist 3dB Peak [mm]	18.2



RF SAFETY LABORATORY

DUT: A05001; SN: 00230

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 (SC-FDMA, 1 RB, 1.4 MHz, QPSK) RBPosition:High AntennaCfg:SISO, 10187	A05001-A3	Ch. 18700	1860.000	7.26, 7.65,7.22

Test Setup

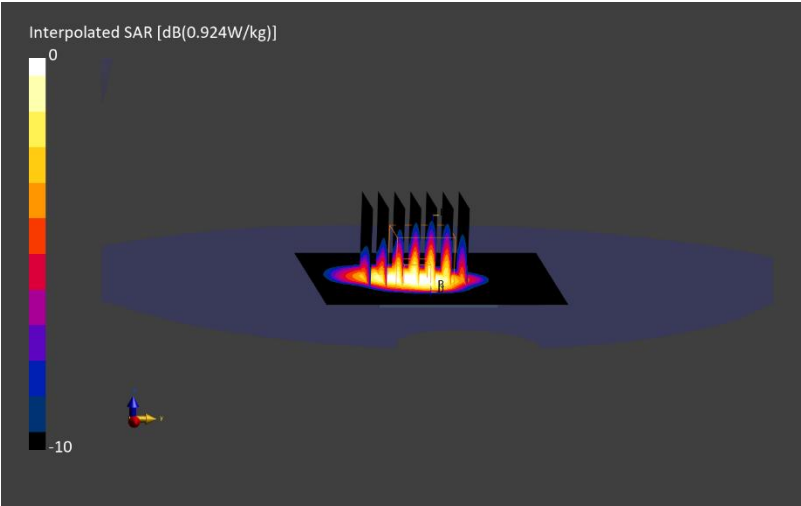
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-08-07	22.5	22	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.42	39.6	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1905, 2025-04-25

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

psSAR10g [W/Kg]	0.432
Power Drift [dB]	0.01
Peak SAR (Extrapolated) [W/kg]	1.13
M2/M1 [%]	91.5
Dist 3dB Peak [mm]	12.8



RF SAFETY LABORATORY

DUT: A05001; SN: 63011

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 WIFI	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps), 10012	A05001-A1	Ch. 11	2462.000	7.02, 6.86,7.36

Test Setup

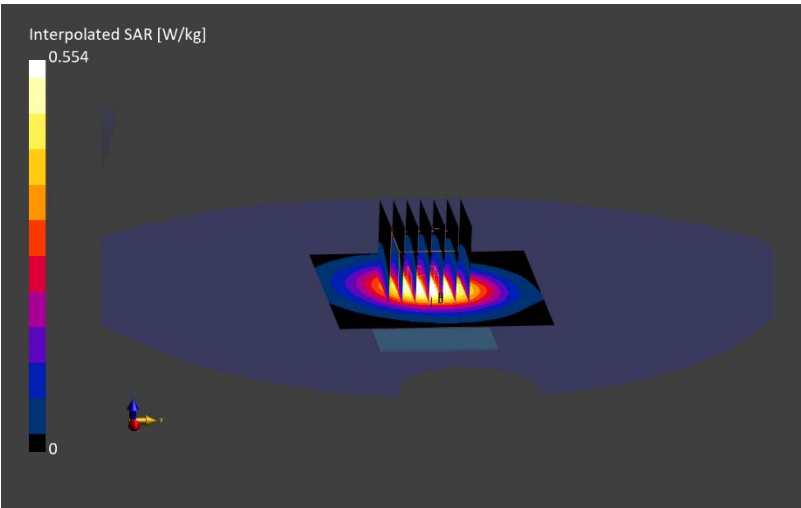
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-08-06	22.5	22.3	16.4.0.5005	Twin-SAM V8.0 – 2165	Head Simulating Liquid	1.80	40.8	EX3DV4 – SN7836, 2024-09-12	DAE4ip Sn1839, 2024-09-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	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]	0.33
Power Drift [dB]	-0.19
Peak SAR (Extrapolated) [W/kg]	0.554
M2/M1 [%]	83.8
Dist 3dB Peak [mm]	18.7



RF SAFETY LABORATORY

DUT: A05001; SN: 63011

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	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps), 10012	A05001-A1	Ch. 11	2462.000	7.02, 6.86,7.36

Test Setup

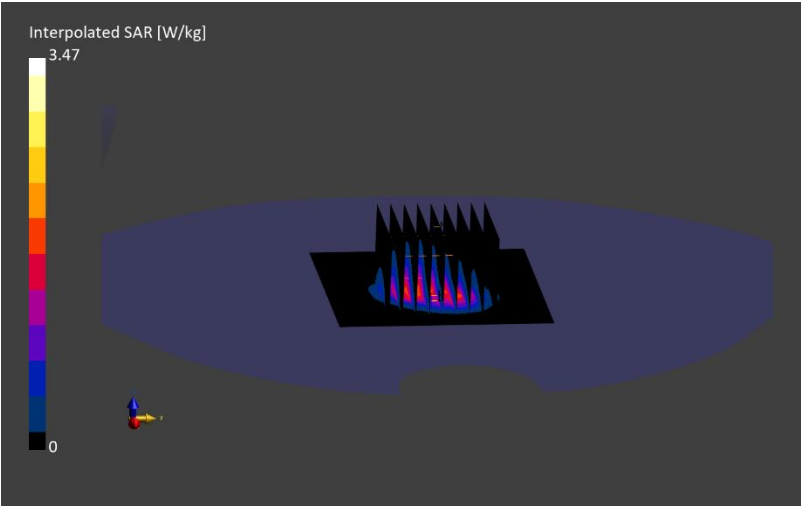
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-08-06	22.5	22.3	16.4.0.5005	Twin-SAM V8.0 – 2165	Head Simulating Liquid	1.80	40.8	EX3DV4 – SN7836, 2024-09-12	DAE4ip Sn1839, 2024-09-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	40.0 x 40.0 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]	0.899
Power Drift [dB]	-0.14
Peak SAR (Extrapolated) [W/kg]	3.47
M2/M1 [%]	72.3
Dist 3dB Peak [mm]	7.7



RF SAFETY LABORATORY

DUT: A05001; SN: 63011

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	5 GHz WIFI	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle), 10583	A05001-A1	Ch. 36	5180.000	5.28, 5.16,5.54

Test Setup

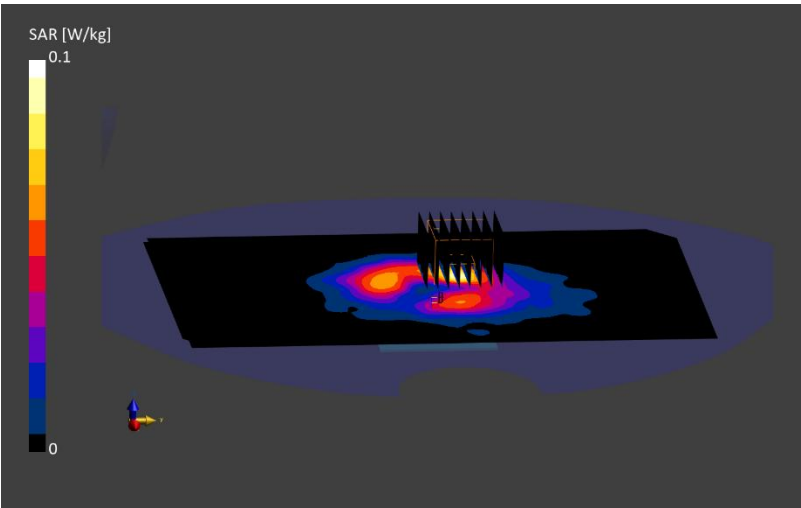
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-08-07	22.7	22.1	16.4.0.5005	Twin-SAM V8.0 – 2165	Head Simulating Liquid	4.57	36.0	EX3DV4 – SN7836, 2024-09-12	DAE4ip Sn1839, 2024-09-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	28.0 x 28.0 x 22.9
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.4
MAIA	Y	Y

Measurement Results

psSAR1g [W/Kg]	0.09
Power Drift [dB]	0.07
Peak SAR (Extrapolated) [W/kg]	0.351
M2/M1 [%]	64.7
Dist 3dB Peak [mm]	8.6



RF SAFETY LABORATORY

DUT: A05001; SN: 59983

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	5 GHz WIFI	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle), 10583	A05001-A1	Ch. 40	5200.000	5.28, 5.16,5.54

Test Setup

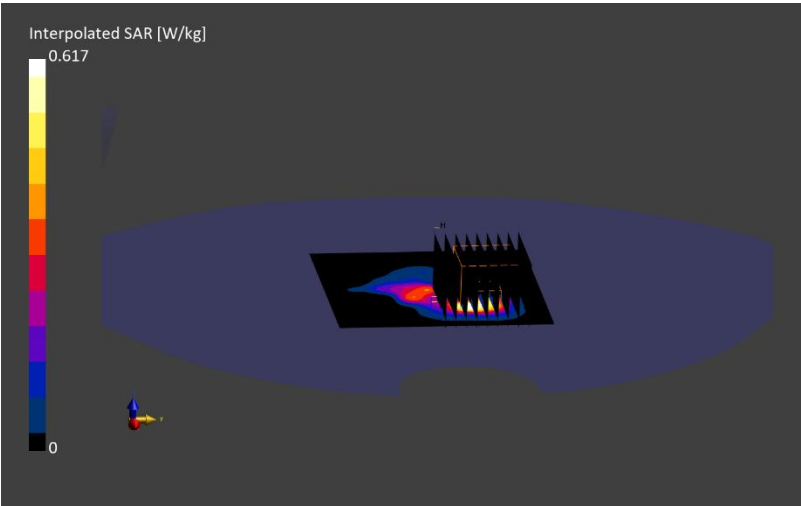
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-08-07	22.7	22.1	16.4.0.5005	Twin-SAM V8.0 – 2165	Head Simulating Liquid	4.60	36.0	EX3DV4 – SN7836, 2024-09-12	DAE4ip Sn1839, 2024-09-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	35.2 x 35.2 x 25.0
Grid Steps [mm]	10.0 x 10.0	2.2 x 2.2 x 1.2
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.2
MAIA	Y	Y

Measurement Results

psSAR10g [W/Kg]	0.201
Power Drift [dB]	0.09
Peak SAR (Extrapolated) [W/kg]	3.62
M2/M1 [%]	63.6
Dist 3dB Peak [mm]	4.0



RF SAFETY LABORATORY

DUT: A05001; SN: 59983

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	IEEE 802.15.1 Bluetooth (GFSK, DH5), 10032	A05001-A1	Ch. 78	2480.000	7.02, 6.86,7.36

Test Setup

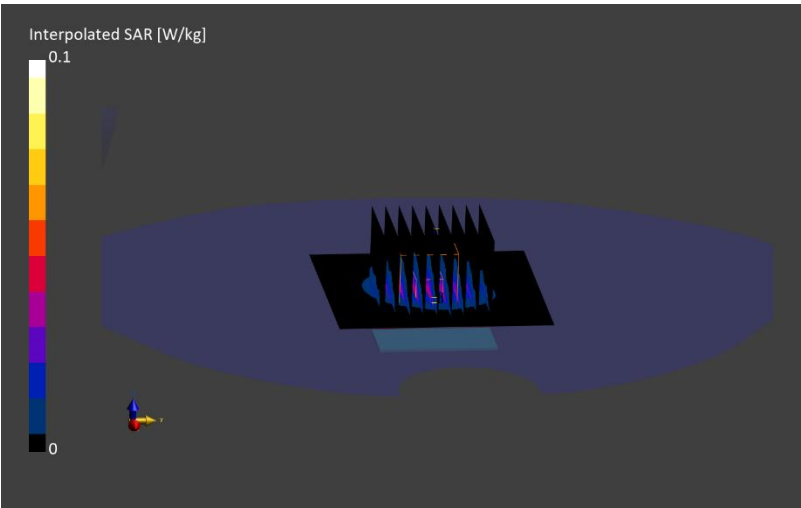
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-08-06	22.5	22.3	16.4.0.5005	Twin-SAM V8.0 – 2165	Head Simulating Liquid	1.82	40.8	EX3DV4 – SN7836, 2024-09-12	DAE4ip Sn1839, 2024-09-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	40.0 x 40.0 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]	0.037
Power Drift [dB]	-0.16
Peak SAR (Extrapolated) [W/kg]	0.063
M2/M1 [%]	87.1
Dist 3dB Peak [mm]	15.0



RF SAFETY LABORATORY

DUT: A05001; SN: 59983

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	IEEE 802.15.1 Bluetooth (GFSK, DH5), 10032	A05001-A1	Ch. 78	2480.000	7.02, 6.86,7.36

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
2025-08-06	22.5	22.3	16.4.0.5005	Twin-SAM V8.0 – 2165	Head Simulating Liquid	1.82	40.8	EX3DV4 – SN7836, 2024-09-12	DAE4ip Sn1839, 2024-09-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 80.0	40.0 x 40.0 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]	0.08
Power Drift [dB]	0.06
Peak SAR (Extrapolated) [W/kg]	0.341
M2/M1 [%]	69.8
Dist 3dB Peak [mm]	8.1

