

Appendix A: SAR Test Plots

RF SAFETY LABORATORY

DUT: TP401; SN: 00007

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Body	Flat, BACK, 5.00	LTE-M Band 12	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) RBPosition:High AntennaCfg:SISO, 10166	LTE ANT	Ch. 23095	707.500	9.46, 9.07,8.79

Test Setup

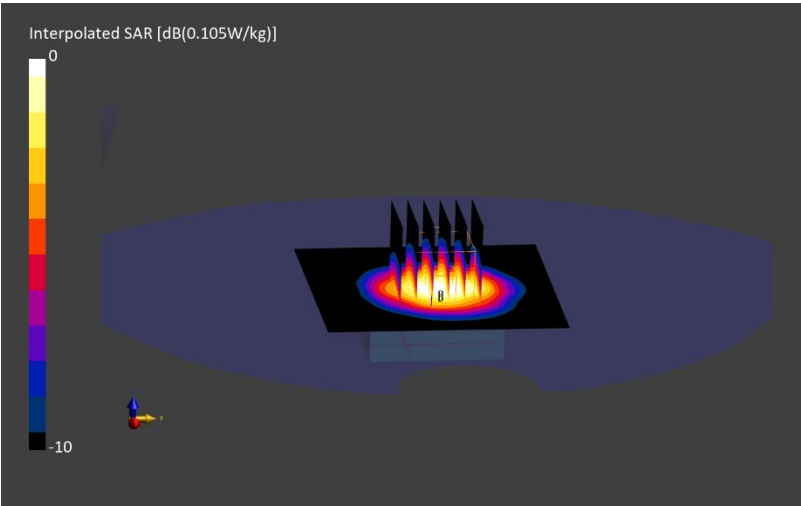
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-06-04	23.3	23	16.4.0.5005	Twin-SAM V8.0 – 2164	Head Simulating Liquid	0.892	40.8	EX3DV4 – SN7853, 2024-11-07	DAE4ip Sn1844, 2024-11-06

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]	0.09
Power Drift [dB]	0.04
Peak SAR (Extrapolated) [W/kg]	0.168
M2/M1 [%]	81.0
Dist 3dB Peak [mm]	15.1



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, FRONT, 0.00	LTE-M Band 12	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, 10187	LTE ANT	Ch. 23095	707.500	9.46, 9.07,8.79

Test Setup

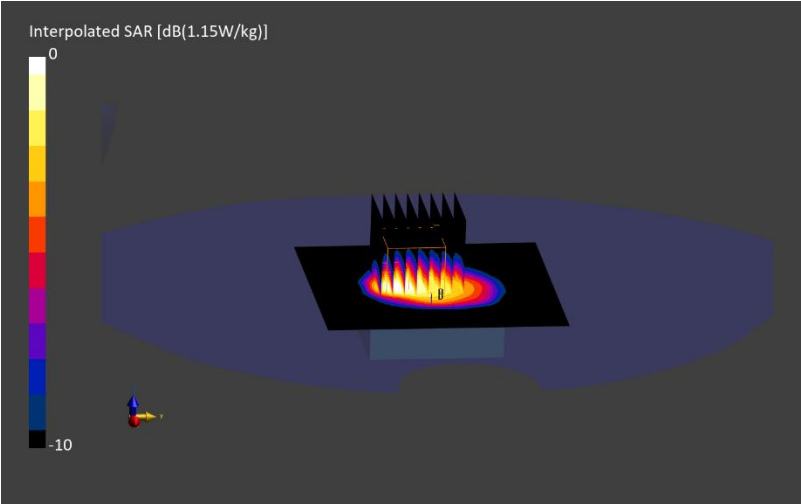
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-06-02	23.3	22.6	16.4.0.5005	Twin-SAM V8.0 – 2164	Head Simulating Liquid	0.888	40.9	EX3DV4 – SN7853, 2024-11-07	DAE4ip Sn1844, 2024-11-06

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	30.8 x 30.8 x 31.2
Grid Steps [mm]	15.0 x 15.0	4.4 x 4.4 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5
MAIA	Y	Y

Measurement Results

psSAR10g [W/Kg]	0.402
Power Drift [dB]	0.01
Peak SAR (Extrapolated) [W/kg]	3.58
M2/M1 [%]	51.6
Dist 3dB Peak [mm]	5.4



RF SAFETY LABORATORY

DUT: TP401; SN: 00007

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Body	Flat, BACK, 5.00	LTE-M Band 13	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, 10187	LTE ANT	Ch. 23230	782.000	9.46, 9.07,8.79

Test Setup

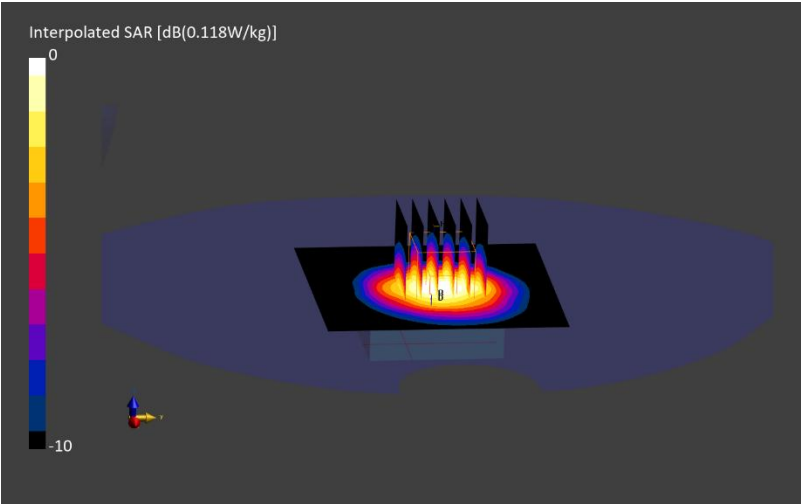
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-06-04	23.3	23	16.4.0.5005	Twin-SAM V8.0 – 2164	Head Simulating Liquid	0.917	40.6	EX3DV4 – SN7853, 2024-11-07	DAE4ip Sn1844, 2024-11-06

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]	0.107
Power Drift [dB]	0.08
Peak SAR (Extrapolated) [W/kg]	0.196
M2/M1 [%]	81.1
Dist 3dB Peak [mm]	15.7



RF SAFETY LABORATORY

DUT: TP401; SN: 00007

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Extremity	Flat, FRONT, 0.00	LTE-M Band 13	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, 10187	LTE ANT	Ch. 23230	782.000	9.46, 9.07,8.79

Test Setup

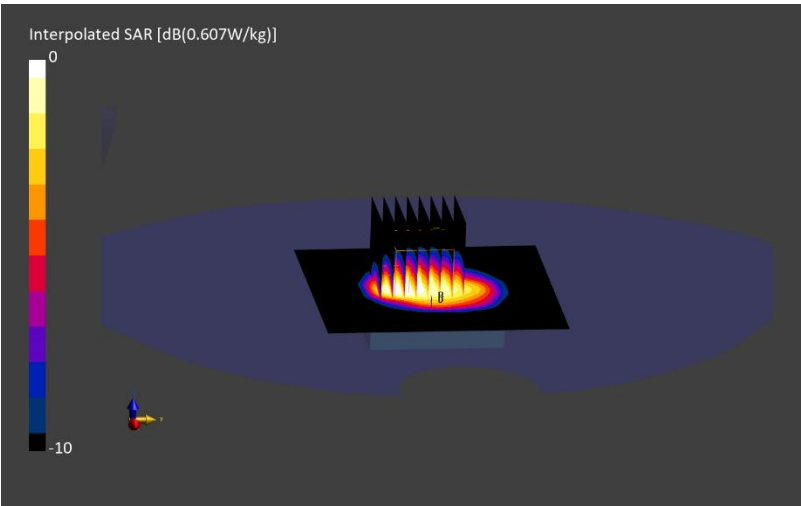
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-05-29	22.4	22.8	16.4.0.5005	Twin-SAM V8.0 – 2164	Head Simulating Liquid	0.922	41.2	EX3DV4 – SN7853, 2024-11-07	DAE4ip Sn1844, 2024-11-06

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	30.8 x 30.8 x 31.2
Grid Steps [mm]	15.0 x 15.0	4.4 x 4.4 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5
MAIA	Y	Y

Measurement Results

psSAR10g [W/Kg]	0.231
Power Drift [dB]	0.05
Peak SAR (Extrapolated) [W/kg]	1.58
M2/M1 [%]	56.4
Dist 3dB Peak [mm]	5.6



RF SAFETY LABORATORY

DUT: TP401; SN: 00007

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Body	Flat, BACK, 5.00	LTE-M Band 5	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, 10187	LTE ANT	Ch. 20525	836.500	9.21, 8.83,8.55

Test Setup

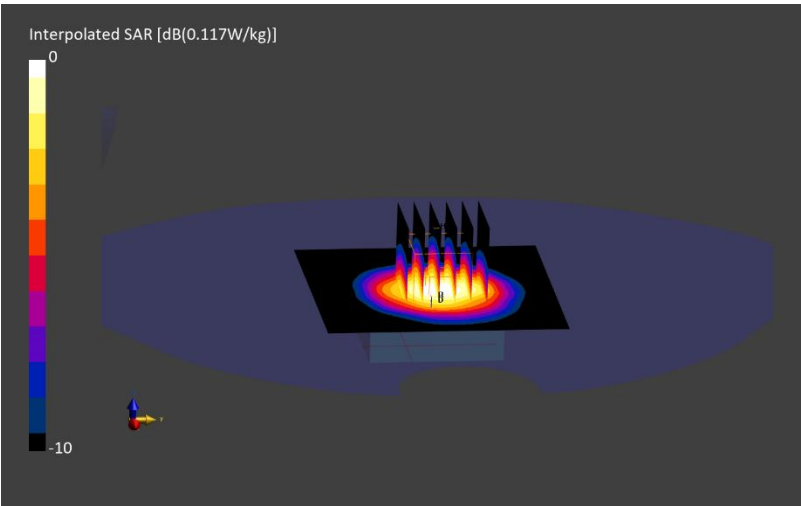
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-06-04	23.3	23	16.4.0.5005	Twin-SAM V8.0 – 2164	Head Simulating Liquid	0.937	40.4	EX3DV4 – SN7853, 2024-11-07	DAE4ip Sn1844, 2024-11-06

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]	0.102
Power Drift [dB]	0.09
Peak SAR (Extrapolated) [W/kg]	0.185
M2/M1 [%]	81.4
Dist 3dB Peak [mm]	14.7



RF SAFETY LABORATORY

DUT: TP401; SN: 00007

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Extremity	Flat, FRONT, 0.00	LTE-M Band 5	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, 10166	LTE ANT	Ch. 20525	836.500	9.21, 8.83,8.55

Test Setup

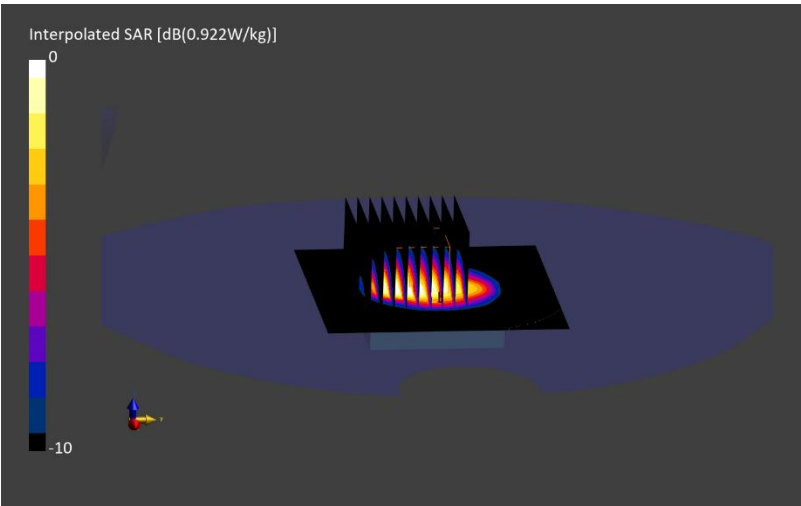
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-05-27	23.1	22.8	16.4.0.5005	Twin-SAM V8.0 – 2164	Head Simulating Liquid	0.939	40.5	EX3DV4 – SN7853, 2024-11-07	DAE4ip Sn1844, 2024-11-06

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 90.0	40.5 x 40.5 x 31.2
Grid Steps [mm]	15.0 x 15.0	4.5 x 4.5 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5
MAIA	Y	Y

Measurement Results

psSAR10g [W/Kg]	0.358
Power Drift [dB]	-0.05
Peak SAR (Extrapolated) [W/kg]	2.37
M2/M1 [%]	57.3
Dist 3dB Peak [mm]	5.4



RF SAFETY LABORATORY

DUT: TP401; SN: 00007

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Body	Flat, BACK, 5.00	LTE-M Band 4	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, 10166	LTE ANT	Ch. 20175	1732.500	7.52, 7.93,7.47

Test Setup

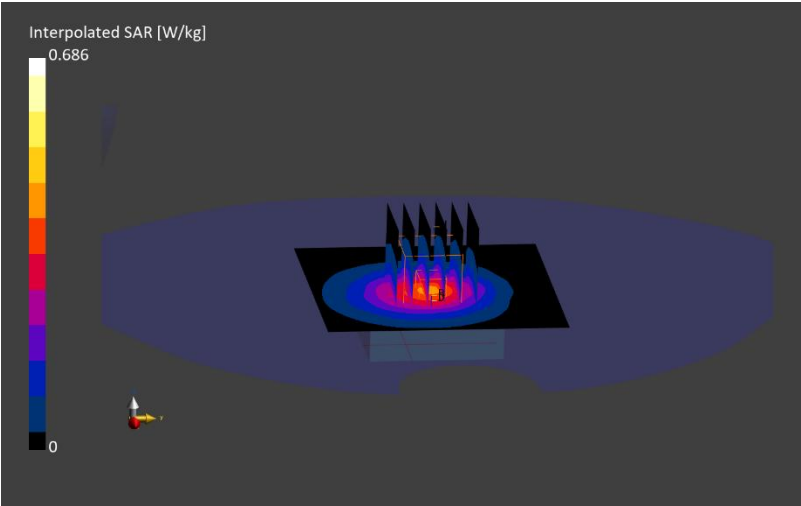
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-06-04	23.1	22.8	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.34	40.4	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1905, 2025-04-25

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]	0.368
Power Drift [dB]	-0.01
Peak SAR (Extrapolated) [W/kg]	0.466
M2/M1 [%]	88.6
Dist 3dB Peak [mm]	16.7



RF SAFETY LABORATORY

DUT: TP401; SN: 00007

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Extremity	Flat, FRONT, 0.00	LTE-M Band 4	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, 10166	LTE ANT	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
2025-05-28	23.5	22.6	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.37	40.7	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

psSAR10g [W/Kg]	1.47
Power Drift [dB]	0.06
Peak SAR (Extrapolated) [W/kg]	4.93
M2/M1 [%]	82.1
Dist 3dB Peak [mm]	10.3



RF SAFETY LABORATORY

DUT: TP401; SN: 00007

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Body	Flat, BACK, 5.00	LTE-M Band 2	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) RBPosition:High AntennaCfg:SISO, 10187	LTE ANT	Ch. 18900	1880.000	7.26, 7.65,7.22

Test Setup

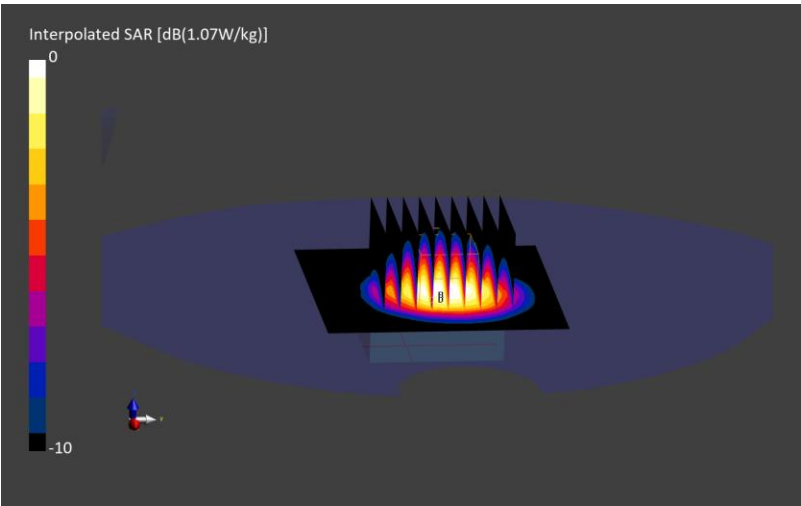
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-06-02	23.3	22.8	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.43	40.1	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1905, 2025-04-25

Scans Setup

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

psSAR1g [W/Kg]	0.924
Power Drift [dB]	-0.08
Peak SAR (Extrapolated) [W/kg]	1.39
M2/M1 [%]	89.4
Dist 3dB Peak [mm]	15.7



RF SAFETY LABORATORY

DUT: TP401; SN: 00007

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Extremity	Flat, FRONT, 0.00	LTE-M Band 2	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) RBPosition:High AntennaCfg:SISO, 10187	LTE ANT	Ch. 18900	1880.000	7.26, 7.65,7.22

Test Setup

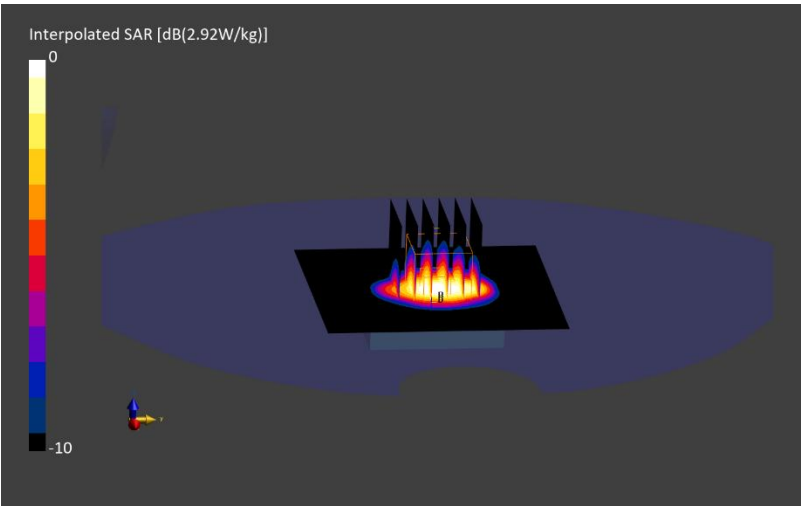
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-06-02	23.3	22.8	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.43	40.1	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1905, 2025-04-25

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

psSAR10g [W/Kg]	1.26
Power Drift [dB]	-0.1
Peak SAR (Extrapolated) [W/kg]	4.01
M2/M1 [%]	87.6
Dist 3dB Peak [mm]	11.4



RF SAFETY LABORATORY

DUT: TP401; SN: 00002

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Body	Flat, BACK, 5.00	2.4 GHz WIFI	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), 10415	WIFI/BLE 2.4 GHz Ant	Ch. 1	2412.000	6.72, 7.08,6.68

Test Setup

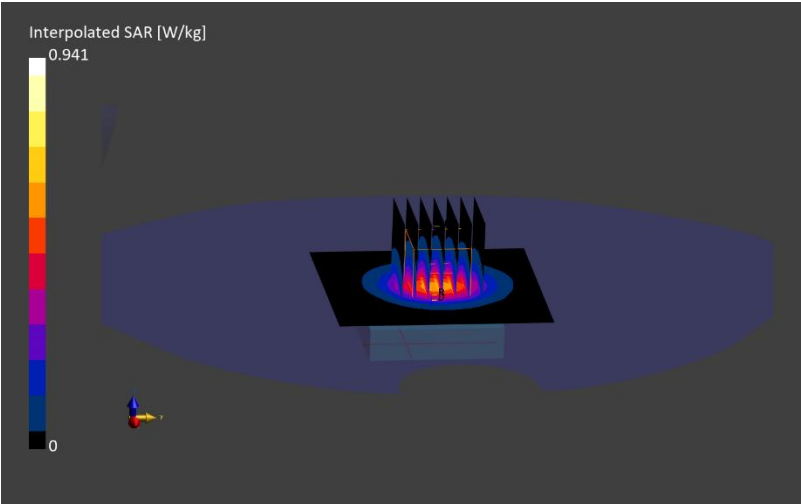
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-06-04	23.1	22.8	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.79	39.4	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1905, 2025-04-25

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]	0.558
Power Drift [dB]	0.14
Peak SAR (Extrapolated) [W/kg]	0.941
M2/M1 [%]	85.4
Dist 3dB Peak [mm]	14.4



RF SAFETY LABORATORY

DUT: TP401; SN: 00001

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Extremity	Flat, FRONT, 0.00	2.4 GHz WIFI	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), 10415	WIFI/BLE 2.4 GHz Ant	Ch. 6	2437.000	6.72, 7.08,6.68

Test Setup

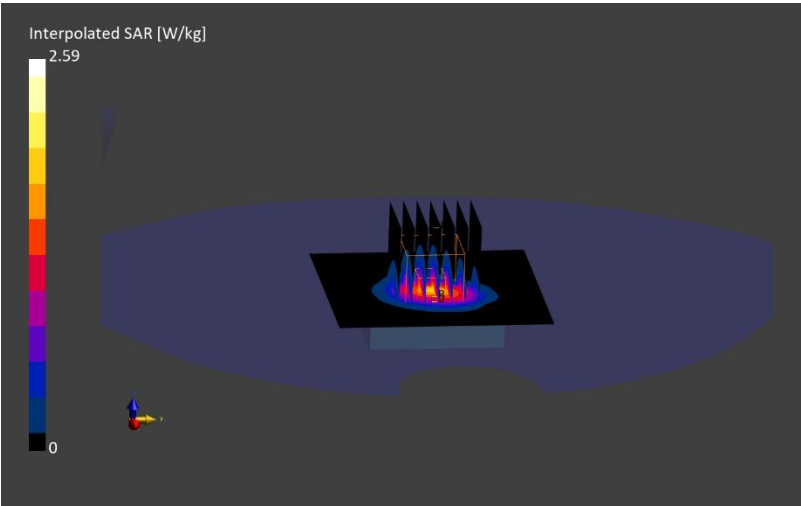
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-05-19	23.5	22.8	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.82	37.4	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1862, 2025-01-16

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

psSAR10g [W/Kg]	0.671
Power Drift [dB]	-0.15
Peak SAR (Extrapolated) [W/kg]	2.59
M2 /M1 [%]	83.5
Dist 3dB Peak [mm]	9.5



RF SAFETY LABORATORY

DUT: TP401; SN: 00002

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Body	Flat, BACK, 5.00	2.4 GHz Bluetooth LE	Bluetooth Low Energy, 10670	WIFI/BLE 2.4 GHz ANT	Ch. 37	2402.000	6.72, 7.08,6.68

Test Setup

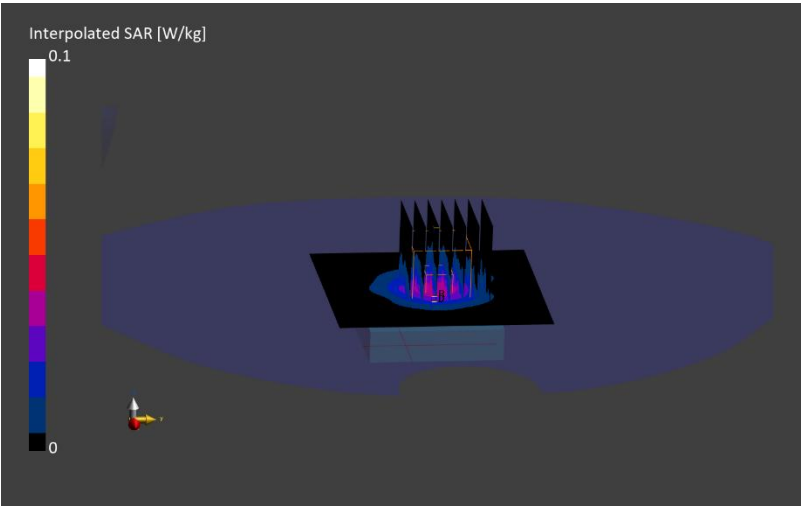
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-06-04	23.1	22.8	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.78	39.4	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1905, 2025-04-25

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]	0.034
Power Drift [dB]	-0.17
Peak SAR (Extrapolated) [W/kg]	0.056
M2/M1 [%]	93.2
Dist 3dB Peak [mm]	11.2



RF SAFETY LABORATORY

DUT: TP401; SN: 00001

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Extremity	Flat, FRONT, 0.00	2.4 GHz Bluetooth LE	Bluetooth Low Energy, 10670	WIFI/BLE 2.4 GHz ANT	Ch. 37	2402.000	6.72, 7.08,6.68

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
2025-05-19	23.5	22.8	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.80	37.5	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1862, 2025-01-16

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

psSAR10g [W/Kg]	0.044
Power Drift [dB]	0
Peak SAR (Extrapolated) [W/kg]	0.168
M2/M1 [%]	81.5
Dist 3dB Peak [mm]	8.6

