

Appendix A: SAR Test Plots

RF SAFETY LABORATORY

DUT: IPH-04664; SN: 00254

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Extremity	Flat, EDGE BOTTOM, 0.00	2.4 GHz WIFI	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), 10415	P600	Ch. 6	2437.000	7.02, 6.86, 7.36

Test Setup

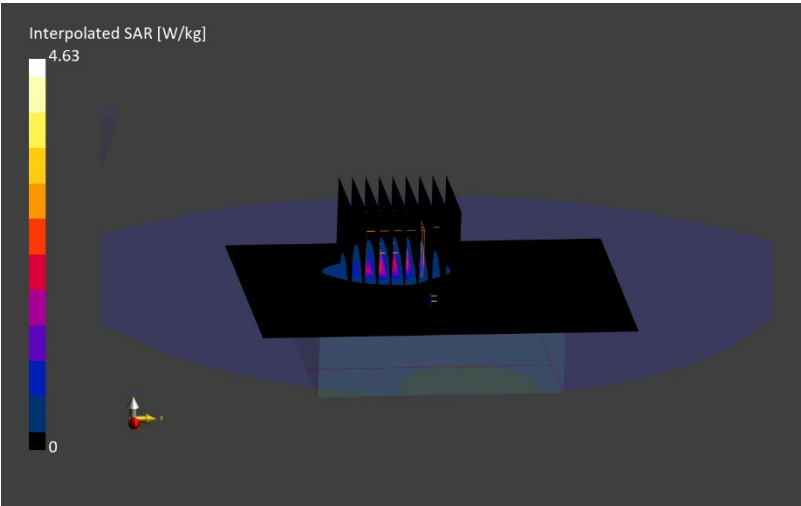
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2024-12-27	22.7	21.1	16.4.0.5005	Twin-SAM V8.0 – 2165	Head Simulating Liquid	1.82	38.6	EX3DV4 – SN7836, 2024-09-12	DAE4ip Sn1839, 2024-09-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 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]	0.703
Power Drift [dB]	0.01
Peak SAR (Extrapolated) [W/kg]	4.60
M2/M1 [%]	72.4
Dist 3dB Peak [mm]	6.1



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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, EDGE BOTTOM, 0.00	5 GHz WIFI	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), 10626	P601	Ch. 42	5210.000	5.28, 5.16, 5.54

Test Setup

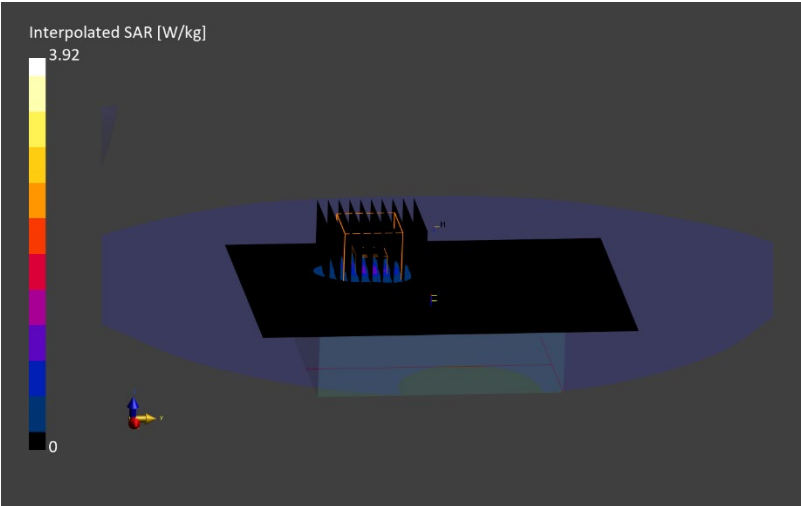
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-01-08	21.6	20.8	16.4.0.5005	Twin-SAM V8.0 – 2165	Head Simulating Liquid	4.44	33.2	EX3DV4 – SN7836, 2024-09-12	DAE4ip Sn1839, 2024-09-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 100.0	24.0 x 24.0 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

psSAR10g [W/Kg]	0.300
Power Drift [dB]	0.05
Peak SAR (Extrapolated) [W/kg]	4.39
M2/M1 [%]	61.1
Dist 3dB Peak [mm]	5.4



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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, EDGE BOTTOM, 0.00	2.4 GHz Bluetooth LE	Bluetooth Low Energy, 10670	P600	Ch. 0	2402.000	7.02, 6.86, 7.36

Test Setup

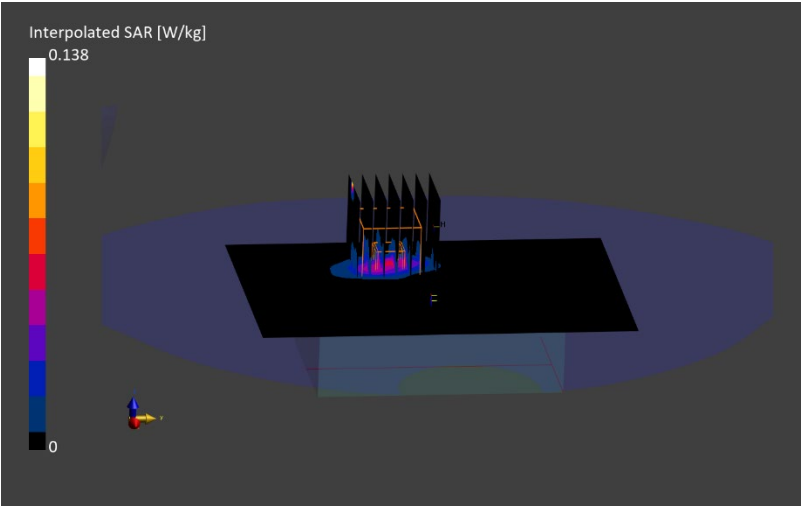
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2024-12-27	22.7	21.1	16.4.0.5005	Twin-SAM V8.0 – 2165	Head Simulating Liquid	1.79	38.6	EX3DV4 – SN7836, 2024-09-12	DAE4ip Sn1839, 2024-09-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 100.0	31.5 x 31.5 x 31.2
Grid Steps [mm]	10.0 x 10.0	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]	0.022
Power Drift [dB]	-0.06
Peak SAR (Extrapolated) [W/kg]	0.171
M2 /M1 [%]	71.0
Dist 3dB Peak [mm]	5.5



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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, EDGE BOTTOM, 0.00	2.4 GHz ANT+	IEEE 802.15.1 (GFSK, DH5), 10032	E400	Ch. 57	2457.000	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
2025-01-08	21.6	20.8	16.4.0.5005	Twin-SAM V8.0 – 2165	Head Simulating Liquid	1.85	38.2	EX3DV4 – SN7836, 2024-09-12	DAE4ip Sn1839, 2024-09-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	70.0 x 100.0	31.5 x 31.5 x 31.2
Grid Steps [mm]	10.0 x 10.0	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]	0.054
Power Drift [dB]	-0.04
Peak SAR (Extrapolated) [W/kg]	0.406
M2/M1 [%]	76.4
Dist 3dB Peak [mm]	5.4

