

Appendix A: SAR Test Plots

RF SAFETY LABORATORY

DUT: 2BDTE-NUSHU1V1; SN: 999000092

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Extremity	Flat, Heel, 0.00	WLAN 2.4GHz	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps), 10012	Main	1	2412.000	7.09

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
2024-01-24	22.1	20.1	16.2.4.2524	Twin-SAM V8.0 – 2165	HSL	1.85	40.0	EX3DV4 – SN7853, 2023-11-14	DAE4ip Sn1844, 2023-11-02

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 100.0	30.0 x 30.0 x 30.0
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]	0.21
Peak SAR (Extrapolated) [W/kg]	0.100
M2/M1 [%]	86.1
Dist 3dB Peak [mm]	15.0

