

Appendix B

BT

Measurement Report for NL44, EDGE LEFT, Bluetooth Low Energy, Channel 0 (2402.000 MHz)

Device Under Test Properties

Model	Dimensions [mm]	SN
NL44	66.0 x 33.0 x 17.0	S24040U0060

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE LEFT, 0.00	ISM 2.4 GHz Band	Bluetooth, 10670-AAA	2402.000, 0	1.77	39.9

Hardware Setup

Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2168	HSL2450	EX3DV4 – SN7858, 2024-01-09	DAE4ip Sn1846, 2023-11-29

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 72.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-08-06, 16:15	2024-08-06, 16:22
psSAR1g [W/Kg]	0.041	0.099
psSAR10g [W/Kg]	0.016	0.040
Power Drift [dB]	0.05	-0.10
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		38.9
Dist 3dB Peak [mm]		8.1

