

Measurement Report for W01_2.4G_SRD_1M_2402MHz_Horizontal Up_5mm (2402.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	30.0 x 20.0 x 10.0		Test sample

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	Horizontal Up, 5.00	ISM 2.4 GHz Band	Bluetooth, 10670-	2402.000, 0	7.46	1.82	39.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2081	H2300-2700MHz, 2026-05-14	EX3DV4 - SN3809, 2026-02-09	DAE4 Sn1390, 2025-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 100.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-05-14	2026-05-14
psSAR1g [W/kg]	0.115	0.118
psSAR10g [W/kg]	0.052	0.058
Power Drift [dB]	-0.03	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.8
Dist 3dB Peak [mm]		9.0

