

Appendix B

BT

Measurement Report for M71E, FRONT, ISM 2.4 GHz Band, Bluetooth (GFSK, DH5), Channel 1 (2402.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI
M71E,	55.0 x 40.0 x 14.0	

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	FRONT, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2402.000, 1	7.27	1.75	39.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2168	HSL2450 , 2024-11-07	EX3DV4 – SN7812, 2024-06-25	DAE4ip Sn1846, 2024-12-10

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 96.0	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	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-05, 13:57	2025-01-05, 14:06
psSAR1g [W/Kg]	0.248	0.257
psSAR10g [W/Kg]	0.104	0.081
Power Drift [dB]	-0.05	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		31.3
Dist 3dB Peak [mm]		5.2

