

Appendix C – Highest Test Plots

Test Date : 2025-08-15 | Ambient Temp : 21.8 °C | Tissue Temp : 21.2 °C

Test Mode**1_NFC_PSK_Bottom Surface_0mm_13.56MHz_Ant NFC****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
Eurofins TA	MTN-NX3	A001	Phone

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	CLA13	CW, 0 - -	13.560, 4	18.17	53.7	0.743

Hardware Setup

Phantom	Tissue Simulating Liquid	Probe / Calibration Date	DAE / Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2115	HBBL-600-10000	EX3DV4 - SN7650 / 2025-06-10	DAE4 Sn1669 / 2025-05-19
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	105.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.021	0.017
psSAR-10g [W/kg]	0.013	0.006
Power Drift [dB]		-0.10
TSL Correction	Positive only	Positive only
M2 / M1 [%]		38.2
Dist 3dB Peak [mm]		8.6

