

Appendix C – Highest Test Plots

Test Date : 2024-01-31 | Ambient Temp : 22.5 °C | Tissue Temp : 21.4 °C

Test Mode

1_SRD_GFSK_Horizontal Up_5mm_Ch19

Device Under Test Properties

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
Corsair	RDA0050	A019	Dongle

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	ISM 2.4 GHz Band	Bluetooth, 10670 - AAA	2440.000, 19	7.05	1.8	40.9

Hardware Setup

Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2102	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 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	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.025	0.025
psSAR-10g [W/kg]	0.012	0.012
Power Drift [dB]		0.09
TSL Correction	Positive only	Positive only
M2 / M1 [%]		52.8
Dist 3dB Peak [mm]		9.5

