

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

