

Appendix B

Detailed Test Results

WIFI 6E



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Test Laboratory:SGS–SAR Lab
WIFI 6E 802.11ax 160M 175CH Back face 2mm

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
Device,	400.0 x 260.0 x 12.0	Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	U-NII-7	WLAN, 10755–AAC	6825.0, 175	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1777	Air –	EUmmWV4 – SN9533_F1–55GHz, 2024–08–23	DAE4 Sn1740, 2025–02–17

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2025–03–27
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	2.89
psPDtot+ [W/m²]	4.53
psPDmod+ [W/m²]	5.19
E _{max} [V/m]	65.8
Power Drift [dB]	0.01

