

APPENDIX B: POWER DENSITY SYSTEM VERIFICATION PLOTS

Date: 2025-10-01

Measurement Group

Device Under Test Properties

DUT	Serial Number
30 GHz Verification Source	1044

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	FRONT	5.55	Validation band	30000.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 – SN9389, 2025-01-08	DAE4ip – SN1639, 2025-02-05

Software Setup

Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 × 60.0
Grid Steps [lambda]	0.25 × 0.25
Sensor Surface [mm]	5.55

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	37.2
pS _n avg [W/m²]	36.9
E _{peak} [V/m]	138
Deviation [dB] pS _{tot}	0.33
Deviation [dB] pS _n	0.36

