

## APPENDIX B: POWER DENSITY SYSTEM VERIFICATION PLOTS

Date: 2023-07-25

Measurement Group

### Device Under Test Properties

DUT	Serial Number
30 GHz Verification Source	1035

### Exposure Conditions

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

### Hardware/Software Setup

Probe, Calibration Date	DAE, Calibration Date	Software	Software Version
EUmmWV4 - SN9622, 2023-02-15	DAE4ip - SN1639, 2022-11-16	cDASY6 Module mmWave	3.2.0.1840

### Scans Setup

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

### Measurement Results

Scan Type	5G Scan
Avg. Area [cm <sup>2</sup> ]	4.00
pS <sub>tot</sub> avg [W/m <sup>2</sup> ]	33.8
pS <sub>n</sub> avg [W/m <sup>2</sup> ]	33.2
E <sub>peak</sub> [V/m]	130
Deviation [dB] pS <sub>tot</sub>	0.14
Deviation [dB] pS <sub>n</sub>	0.07

