

Appendix C: System Check Plots

RF SAFETY LABORATORY

System Verification

Verification Conditions

Verification Source	Serial Number	Test Distance [mm]	Signal, UID	Frequency [MHz]
60 GHz Verification Source – SN 1066	1066	5.55	CW	60000.0

Test Setup

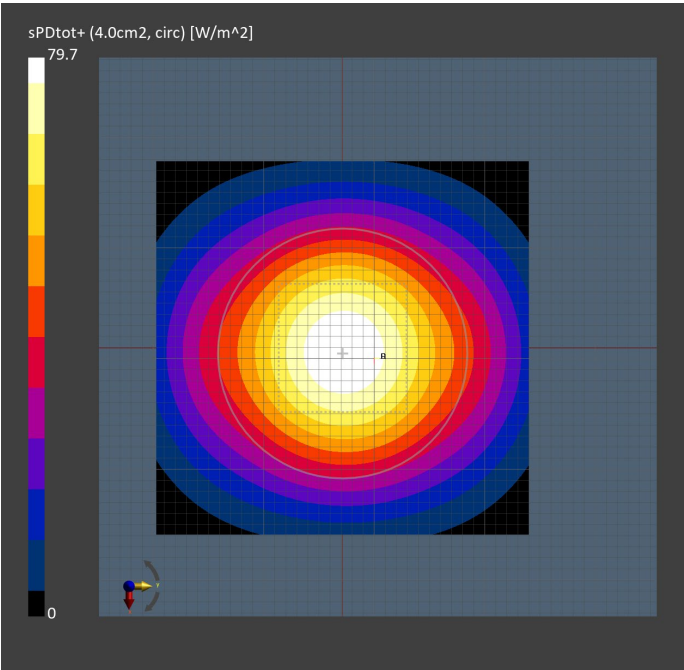
Test Date	Measurement SW	Probe, Cal. Date	DAE, Cal. Date
2025-08-28	3.2.2.2358	EUmmWV4 – SN9690_F55-110GHz – 2024-10-11	DAE4ip Sn1838 – 2024-12-04

Scans Setup

Grid Extents [mm]	Grid Steps [lambda]	Sensor Surface Distance [mm]
32.5x32.5	0.25x0.25	5.55

Measurement Results

Averaging Area [cm²]	E _{max} [V/m]	psPD _n + [W/m²]	psPD _{tot} + [W/m²]
4.00	242	78.8	79.7



RF SAFETY LABORATORY

60 GHz Verification

Verification Conditions

DUT	Serial Number	Position	Test Distance [mm]	Signal, UID	Frequency [MHz]
60 GHz Verification Source – SN 1066	1066	FRONT	5.55	CW	60000.0

Test Setup

Test Date	Measurement SW	Probe, Cal. Date	DAE, Cal. Date
2025-09-05	3.2.2.2358	EUmmWV4 – SN9690_F55-110GHz – 2024-10-11	DAE4ip Sn1838 – 2024-12-04

Scans Setup

Grid Extents [mm]	Grid Steps [lambda]	Sensor Surface Distance [mm]
32.5x32.5	0.25x0.25	5.55

Measurement Results

Averaging Area [cm²]	Power Drift [dB]	E _{max} [V/m]	psPDn+ [W/m²]	psPDtot+ [W/m²]
4.00	-0.01	240	77.8	78.9

