

Appendix A: Test Plots

RF SAFETY LABORATORY

CW_Short_TX1, Channel 4

Verification Conditions

DUT	Serial Number	Position	Test Distance [mm]	Signal, UID	Frequency [MHz]
A04986	11400	FRONT	2.00	CW	58854.0

Test Setup

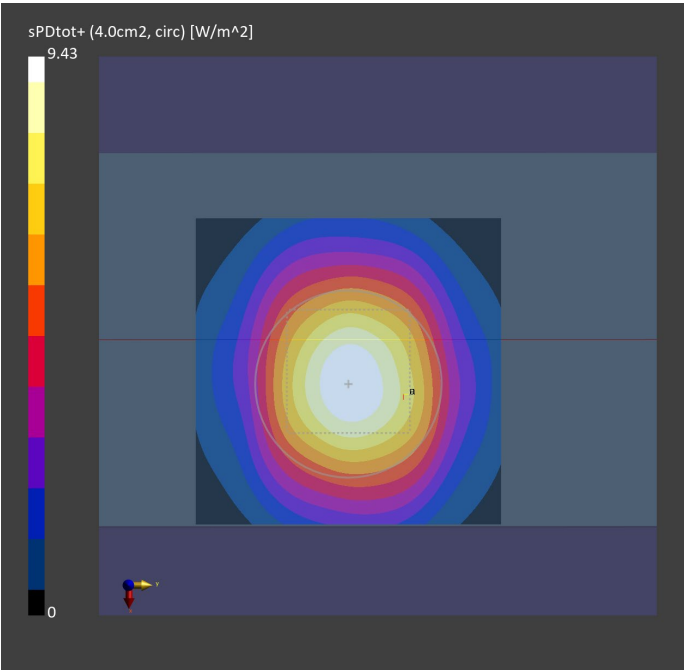
Test Date	Measurement SW	Probe, Cal. Date	DAE, Cal. Date
2025-09-05	3.2.2.2358	EUmmWV4 – SN9690_F55-110GHz – 2024-10-11	DAE4ip Sn1838 – 2024-12-04

Scans Setup

Grid Extents [mm]	Grid Steps [lambda]	Sensor Surface Distance [mm]
35.0x35.0	0.25x0.25	2.0

Measurement Results

Averaging Area [cm²]	Power Drift [dB]	E _{max} [V/m]	psPDn+ [W/m²]	psPDtot+ [W/m²]
4.00	-0.20	99.6	8.53	9.43



RF SAFETY LABORATORY

CW_Short_TX2, Channel 4

Verification Conditions

DUT	Serial Number	Position	Test Distance [mm]	Signal, UID	Frequency [MHz]
A04986	1400R	FRONT	2.00	CW	58854.0

Test Setup

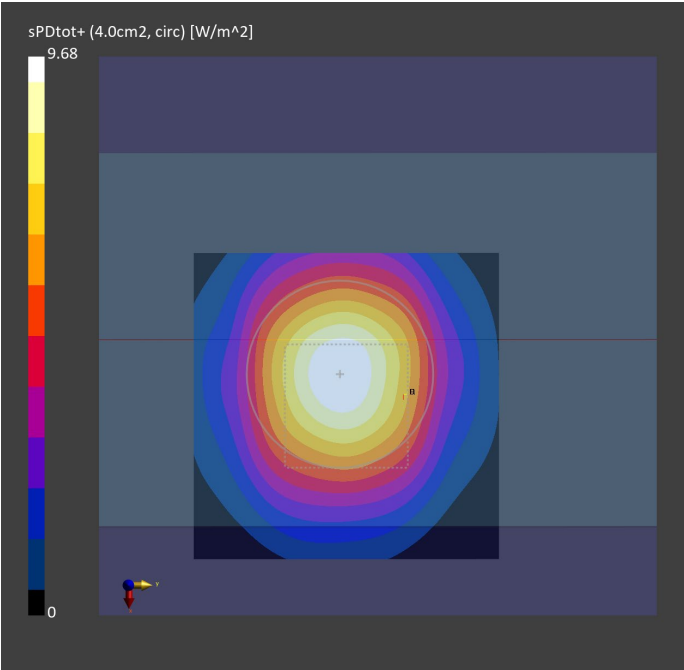
Test Date	Measurement SW	Probe, Cal. Date	DAE, Cal. Date
2025-09-05	3.2.2.2358	EUmmWV4 – SN9690_F55-110GHz – 2024-10-11	DAE4ip Sn1838 – 2024-12-04

Scans Setup

Grid Extents [mm]	Grid Steps [lambda]	Sensor Surface Distance [mm]
35.0x35.0	0.25x0.25	2.0

Measurement Results

Averaging Area [cm²]	Power Drift [dB]	E _{max} [V/m]	psPDn+ [W/m²]	psPDtot+ [W/m²]
4.00	-0.07	98.0	8.66	9.68



RF SAFETY LABORATORY

CW_Long_TX1, Channel 4

Verification Conditions

DUT	Serial Number	Position	Test Distance [mm]	Signal, UID	Frequency [MHz]
A04986	1400R	FRONT	2.00	CW	58341.0

Test Setup

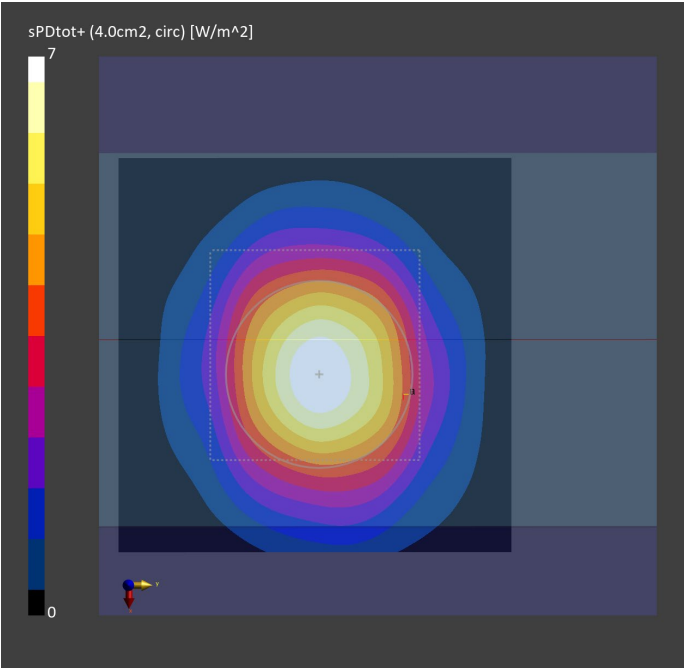
Test Date	Measurement SW	Probe, Cal. Date	DAE, Cal. Date
2025-09-05	3.2.2.2358	EUmmWV4 – SN9690_F55-110GHz – 2024-10-11	DAE4ip Sn1838 – 2024-12-04

Scans Setup

Grid Extents [mm]	Grid Steps [lambda]	Sensor Surface Distance [mm]
45.0x45.0	0.25x0.25	2.0

Measurement Results

Averaging Area [cm²]	Power Drift [dB]	E _{max} [V/m]	psPDn+ [W/m²]	psPDtot+ [W/m²]
4.00	-0.20	90.3	6.46	7.01



RF SAFETY LABORATORY

CW_Long_TX2, Channel 4

Verification Conditions

DUT	Serial Number	Position	Test Distance [mm]	Signal, UID	Frequency [MHz]
A04986	1400R	FRONT	2.00	CW	58341.0

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]
45.0x45.0	0.25x0.25	2.0

Measurement Results

Averaging Area [cm²]	Power Drift [dB]	E _{max} [V/m]	psPDn+ [W/m²]	psPDtot+ [W/m²]
4.00	-0.18	92.2	7.24	7.79

