

Appendix A: Test Plots

RF SAFETY LABORATORY

Open, Beam 273, input.power.limit 3.6 dBm

Verification Conditions

| DUT        | Serial Number | Position | Test Distance [mm] | Signal, UID | Frequency [MHz] |
|------------|---------------|----------|--------------------|-------------|-----------------|
| A3LSMF976U | 0269M         | BACK     | 2.00               | CW          | 24800.0         |

Test Setup

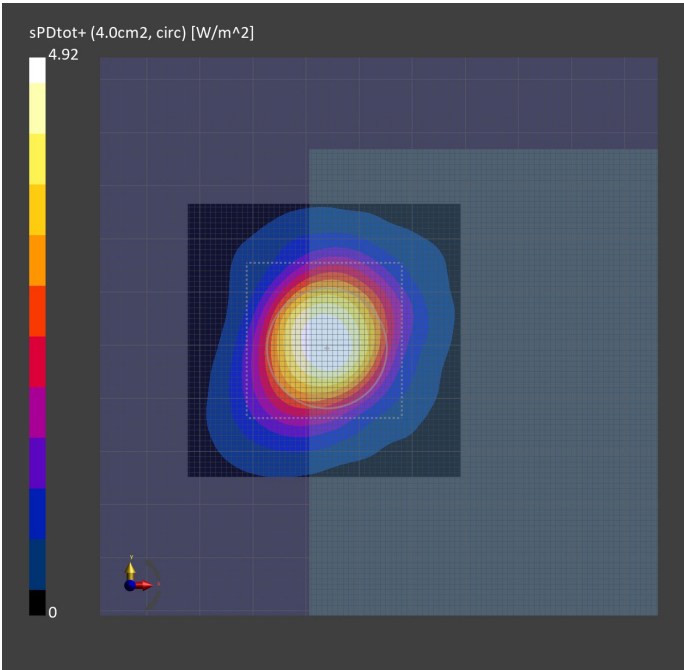
| Test Date  | Measurement SW | Probe, Cal. Date                       | DAE, Cal. Date             |
|------------|----------------|----------------------------------------|----------------------------|
| 2026-03-07 | 3.2.2.2358     | EUmmWV4 – SN9690_F1-55GHz – 2025-09-17 | DAE4ip Sn1839 – 2025-09-15 |

Scans Setup

| Grid Extents [mm] | Grid Steps [lambda] | Sensor Surface Distance [mm] |
|-------------------|---------------------|------------------------------|
| 50.0x50.0         | 0.25x0.25           | 2.0                          |

Measurement Results

| Averaging Area [cm²] | Power Drift [dB] | E <sub>max</sub> [V/m] | psPDn+ [W/m²] | psPDtot+ [W/m²] |
|----------------------|------------------|------------------------|---------------|-----------------|
| 4.00                 | -0.05            | 78.6                   | 3.32          | 4.92            |



RF SAFETY LABORATORY

Open, Beam 271, input.power.limit 4.0 dBm

Verification Conditions

|            |               |          |                    |             |                 |
|------------|---------------|----------|--------------------|-------------|-----------------|
| DUT        | Serial Number | Position | Test Distance [mm] | Signal, UID | Frequency [MHz] |
| A3LSMF976U | 0269M         | BACK     | 2.00               | CW          | 28300.0         |

Test Setup

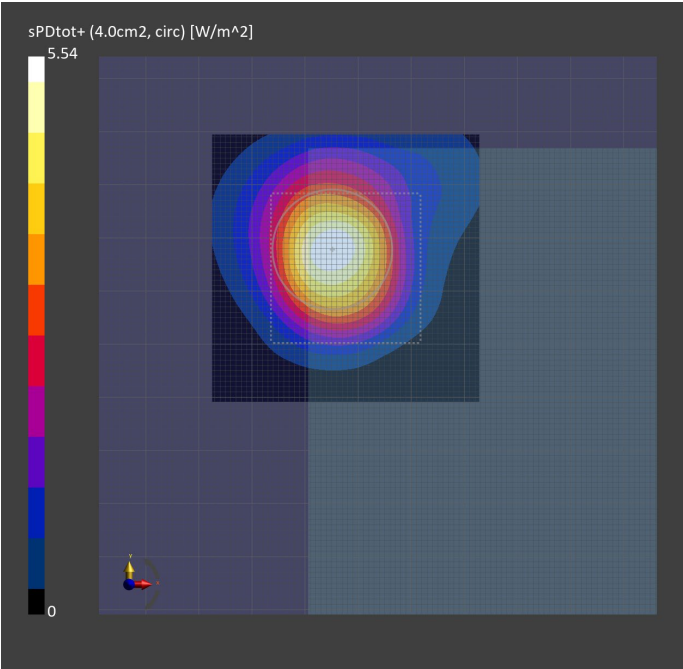
|            |                |                                        |                            |
|------------|----------------|----------------------------------------|----------------------------|
| Test Date  | Measurement SW | Probe, Cal. Date                       | DAE, Cal. Date             |
| 2026-03-07 | 3.2.2.2358     | EUmmWV4 - SN9690_F1-55GHz - 2025-09-17 | DAE4ip Sn1839 - 2025-09-15 |

Scans Setup

|                   |                     |                              |
|-------------------|---------------------|------------------------------|
| Grid Extents [mm] | Grid Steps [lambda] | Sensor Surface Distance [mm] |
| 50.0x50.0         | 0.25x0.25           | 2.0                          |

Measurement Results

|                      |                  |                        |                           |                             |
|----------------------|------------------|------------------------|---------------------------|-----------------------------|
| Averaging Area [cm²] | Power Drift [dB] | E <sub>max</sub> [V/m] | psPD <sub>n+</sub> [W/m²] | psPD <sub>tot+</sub> [W/m²] |
| 4.00                 | -0.07            | 78.6                   | 4.85                      | 5.54                        |



# RF SAFETY LABORATORY

## Open, Beam 275, input.power.limit 5.0 dBm

### Verification Conditions

| DUT        | Serial Number | Position | Test Distance [mm] | Signal, UID | Frequency [MHz] |
|------------|---------------|----------|--------------------|-------------|-----------------|
| A3LSMF976U | 0269M         | BACK     | 2.00               | CW          | 37050.0         |

### Test Setup

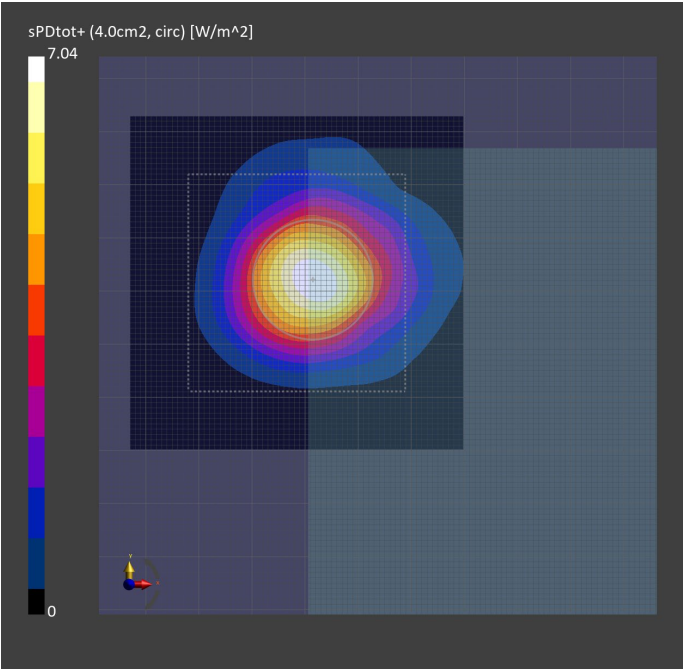
| Test Date  | Measurement SW | Probe, Cal. Date                       | DAE, Cal. Date             |
|------------|----------------|----------------------------------------|----------------------------|
| 2026-03-07 | 3.2.2.2358     | EUmmWV4 - SN9690_F1-55GHz - 2025-09-17 | DAE4ip Sn1839 - 2025-09-15 |

### Scans Setup

| Grid Extents [mm] | Grid Steps [lambda] | Sensor Surface Distance [mm] |
|-------------------|---------------------|------------------------------|
| 60.0x60.0         | 0.25x0.25           | 2.0                          |

### Measurement Results

| Averaging Area [cm²] | Power Drift [dB] | E <sub>max</sub> [V/m] | psPDn+ [W/m²] | psPDtot+ [W/m²] |
|----------------------|------------------|------------------------|---------------|-----------------|
| 4.00                 | -0.08            | 80.7                   | 5.97          | 7.03            |



# RF SAFETY LABORATORY

## Closed, Beam 273, input.power.limit 3.6 dBm

### Verification Conditions

| DUT        | Serial Number | Position | Test Distance [mm] | Signal, UID | Frequency [MHz] |
|------------|---------------|----------|--------------------|-------------|-----------------|
| A3LSMF976U | 0269M         | BACK     | 2.00               | CW          | 24800.0         |

### Test Setup

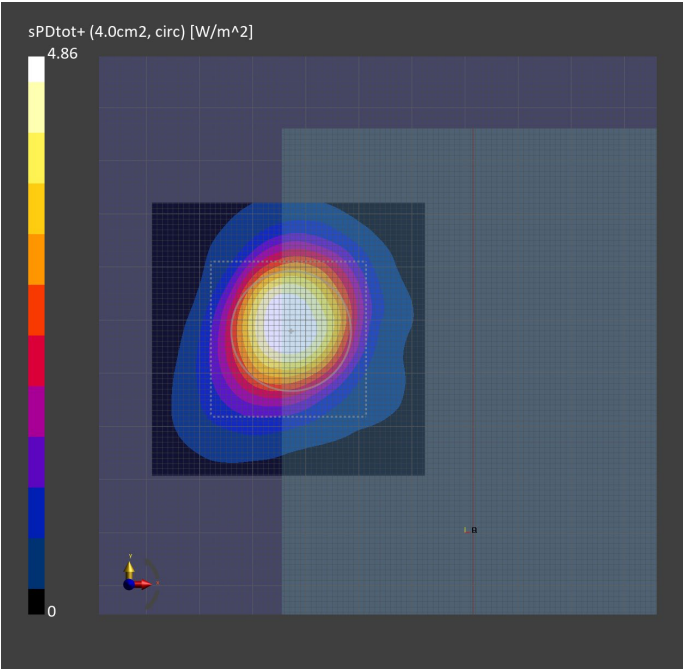
| Test Date  | Measurement SW | Probe, Cal. Date                       | DAE, Cal. Date             |
|------------|----------------|----------------------------------------|----------------------------|
| 2026-03-07 | 3.2.2.2358     | EUmmWV4 - SN9690_F1-55GHz - 2025-09-17 | DAE4ip Sn1839 - 2025-09-15 |

### Scans Setup

| Grid Extents [mm] | Grid Steps [lambda] | Sensor Surface Distance [mm] |
|-------------------|---------------------|------------------------------|
| 50.0x50.0         | 0.25x0.25           | 2.0                          |

### Measurement Results

| Averaging Area [cm²] | Power Drift [dB] | E <sub>max</sub> [V/m] | psPDn+ [W/m²] | psPDtot+ [W/m²] |
|----------------------|------------------|------------------------|---------------|-----------------|
| 4.00                 | -0.04            | 80.0                   | 2.99          | 4.86            |



# RF SAFETY LABORATORY

## Closed, Beam 275, input.power.limit 3.9 dBm

### Verification Conditions

| DUT        | Serial Number | Position | Test Distance [mm] | Signal, UID | Frequency [MHz] |
|------------|---------------|----------|--------------------|-------------|-----------------|
| A3LSMF976U | 0269M         | BACK     | 2.00               | CW          | 28300.0         |

### Test Setup

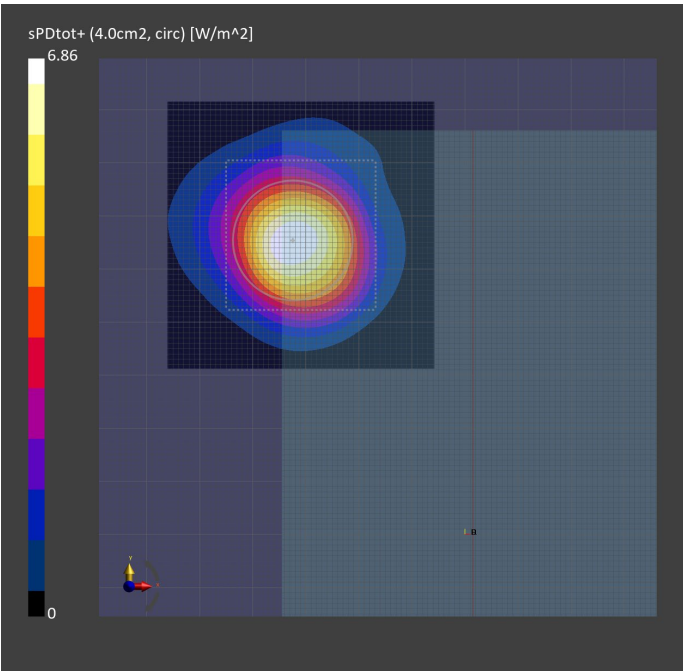
| Test Date  | Measurement SW | Probe, Cal. Date                       | DAE, Cal. Date             |
|------------|----------------|----------------------------------------|----------------------------|
| 2026-03-07 | 3.2.2.2358     | EUmmWV4 – SN9690_F1-55GHz – 2025-09-17 | DAE4ip Sn1839 – 2025-09-15 |

### Scans Setup

| Grid Extents [mm] | Grid Steps [lambda] | Sensor Surface Distance [mm] |
|-------------------|---------------------|------------------------------|
| 50.0x50.0         | 0.25x0.25           | 2.0                          |

### Measurement Results

| Averaging Area [cm²] | Power Drift [dB] | E <sub>max</sub> [V/m] | psPDn+ [W/m²] | psPDtot+ [W/m²] |
|----------------------|------------------|------------------------|---------------|-----------------|
| 4.00                 | -0.05            | 93.2                   | 6.24          | 6.86            |



# RF SAFETY LABORATORY

## Closed, Beam 275, input.power.limit 5.0 dBm

### Verification Conditions

| DUT        | Serial Number | Position | Test Distance [mm] | Signal, UID | Frequency [MHz] |
|------------|---------------|----------|--------------------|-------------|-----------------|
| A3LSMF976U | 0269M         | BACK     | 2.00               | CW          | 37050.0         |

### Test Setup

| Test Date  | Measurement SW | Probe, Cal. Date                       | DAE, Cal. Date             |
|------------|----------------|----------------------------------------|----------------------------|
| 2026-03-16 | 3.2.2.2358     | EUmmWV4 – SN9690_F1-55GHz – 2025-09-17 | DAE4ip Sn1839 – 2025-09-15 |

### Scans Setup

| Grid Extents [mm] | Grid Steps [lambda] | Sensor Surface Distance [mm] |
|-------------------|---------------------|------------------------------|
| 60.0x60.0         | 0.25x0.25           | 2.0                          |

### Measurement Results

| Averaging Area [cm²] | Power Drift [dB] | E <sub>max</sub> [V/m] | psPDn+ [W/m²] | psPDtot+ [W/m²] |
|----------------------|------------------|------------------------|---------------|-----------------|
| 4.00                 | 0.03             | 85.1                   | 6.24          | 7.38            |

