

Test Laboratory: Sporton International Inc.

Device Under Test Properties

| Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|--------------|-----------------------|------|---------------------|
| | 100.0 x 100.0 x 100.0 | | Verification source |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Frequency [MHz] | Conversion Factor |
|-----------------|------------------------------|-----------------|-------------------|
| 5G | FRONT, 5.55 | 30000.0 | 1.0 |

Hardware Setup

| Phantom | Medium | Probe, Calibration Date | DAE, Calibration Date |
|---------------|--------|---------------------------------------|------------------------|
| mmWave - xxxx | Air - | EUmmWV4 - SN9461_F1-78GHz, 2019-11-05 | DAE4 Sn376, 2019-12-06 |

Scans Setup

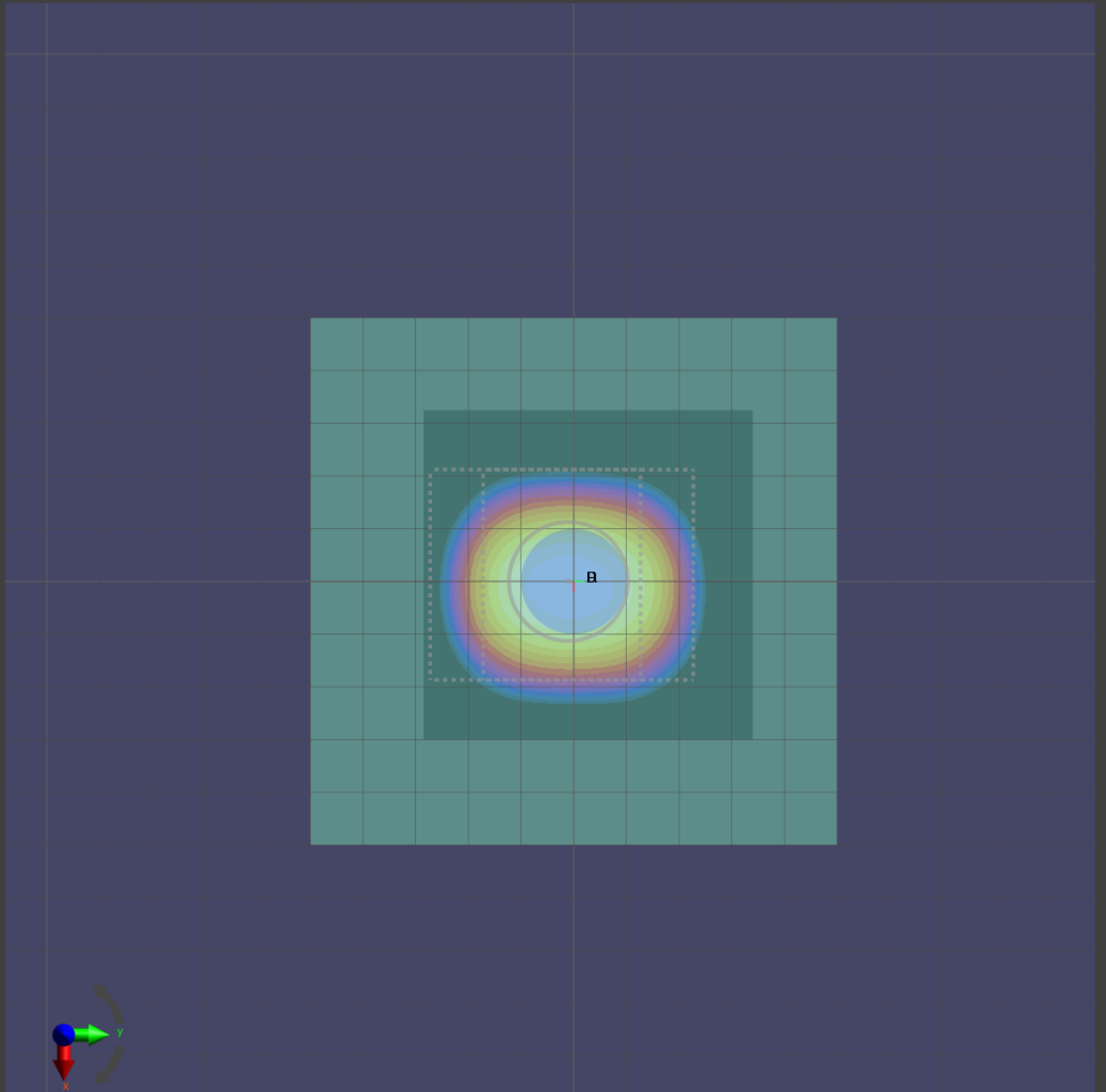
| | |
|---------------------|-------------|
| Grid Extents [mm] | 60.0 x 60.0 |
| Grid Steps [lambda] | 0.25 x 0.25 |
| Sensor Surface [mm] | 5.55 |

Measurement Results

| | |
|--|-------------------|
| Date | 2020-01-10, 01:04 |
| Avg. Area [cm ²] | 4.00 |
| S _{avg inc} [W/m ²] | 30.3 |
| S _{avg tot} [W/m ²] | 30.7 |
| S _{peak} [W/m ²] | 46.0 |
| E _{peak} [V/m] | 129 |
| H _{peak} [A/m] | 0.364 |
| Power Drift [dB] | 0.00 |

Averaged [4.0 cm²] |Re{S}|(x,y,z,f0) [dB(30.7W/m²)]

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Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Frequency [MHz] | Conversion Factor |
|-----------------|------------------------------|-----------------|-------------------|
| 5G | FRONT, 5.55 | 30000.0 | 1.0 |

Hardware Setup

| Phantom | Medium | Probe, Calibration Date | DAE, Calibration Date |
|---------------|--------|---------------------------------------|------------------------|
| mmWave - xxxx | Air - | EUmmWV4 - SN9461_F1-78GHz, 2019-11-05 | DAE4 Sn376, 2019-12-06 |

Scans Setup

| | |
|--------------------------|-------------|
| Grid Extents [mm] | 60.0 x 60.0 |
| Grid Steps [λ] | 0.25 x 0.25 |
| Sensor Surface [mm] | 5.55 |

Measurement Results

| | |
|--|-------------------|
| Date | 2020-01-17, 00:19 |
| Avg. Area [cm^2] | 4.00 |
| $S_{\text{avg inc}}$ [W/m^2] | 30.2 |
| $S_{\text{avg tot}}$ [W/m^2] | 30.7 |
| S_{peak} [W/m^2] | 44.1 |
| E_{peak} [V/m] | 128 |
| H_{peak} [A/m] | 0.343 |
| Power Drift [dB] | 0.02 |

Averaged [4.0 cm²] |Re{S}|(x,y,z,f0) [dB(30.7W/m²)]

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|--------------|-----------------------|------|---------------------|
| | 100.0 x 100.0 x 100.0 | | Verification source |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Frequency [MHz] | Conversion Factor |
|-----------------|------------------------------|-----------------|-------------------|
| 5G | FRONT, 5.55 | 30000.0 | 1.0 |

Hardware Setup

| Phantom | Medium | Probe, Calibration Date | DAE, Calibration Date |
|---------------|--------|---------------------------------------|------------------------|
| mmWave - xxxx | Air - | EUmmWV4 - SN9461_F1-78GHz, 2019-11-05 | DAE4 Sn376, 2019-12-06 |

Scans Setup

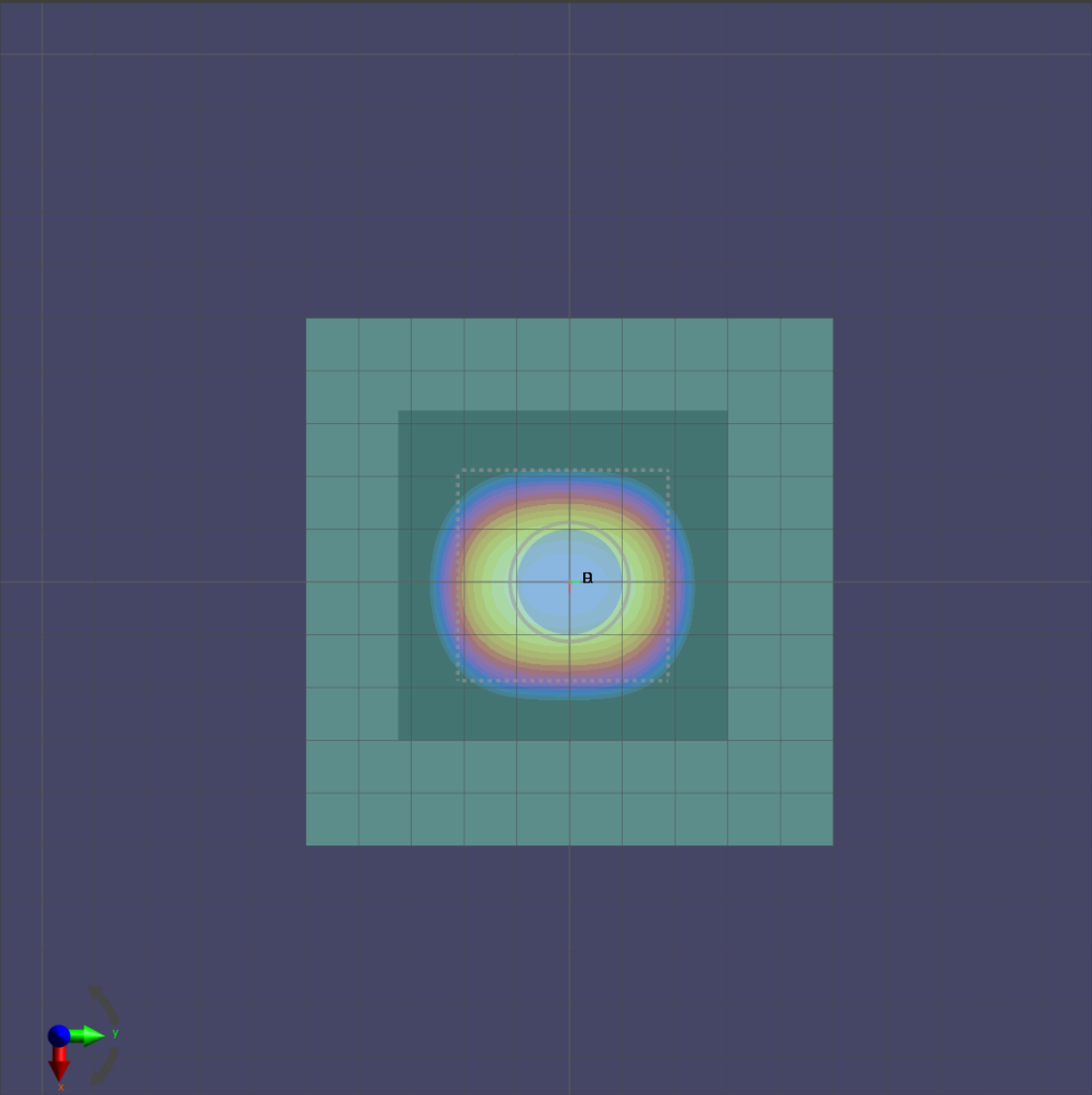
| | |
|--------------------------|-------------|
| Grid Extents [mm] | 60.0 x 60.0 |
| Grid Steps [λ] | 0.25 x 0.25 |
| Sensor Surface [mm] | 5.55 |

Measurement Results

| | |
|--|-------------------|
| Date | 2020-01-24, 00:29 |
| Avg. Area [cm^2] | 4.00 |
| $S_{\text{avg inc}}$ [W/m^2] | 30.5 |
| $S_{\text{avg tot}}$ [W/m^2] | 30.9 |
| S_{peak} [W/m^2] | 44.3 |
| E_{peak} [V/m] | 128 |
| H_{peak} [A/m] | 0.352 |
| Power Drift [dB] | -0.01 |

Averaged [4.0 cm²] |Re{S}|(x,y,z,f0) [dB(30.9W/m²)]

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Device Under Test Properties

| Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|--------------|-----------------------|------|---------------------|
| | 100.0 x 100.0 x 100.0 | | Verification source |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Frequency [MHz] | Conversion Factor |
|-----------------|------------------------------|-----------------|-------------------|
| 5G | FRONT, 5.55 | 30000.0 | 1.0 |

Hardware Setup

| Phantom | Medium | Probe, Calibration Date | DAE, Calibration Date |
|---------------|--------|---------------------------------------|------------------------|
| mmWave - xxxx | Air - | EUmmWV4 - SN9461_F1-78GHz, 2019-11-05 | DAE4 Sn376, 2019-12-06 |

Scans Setup

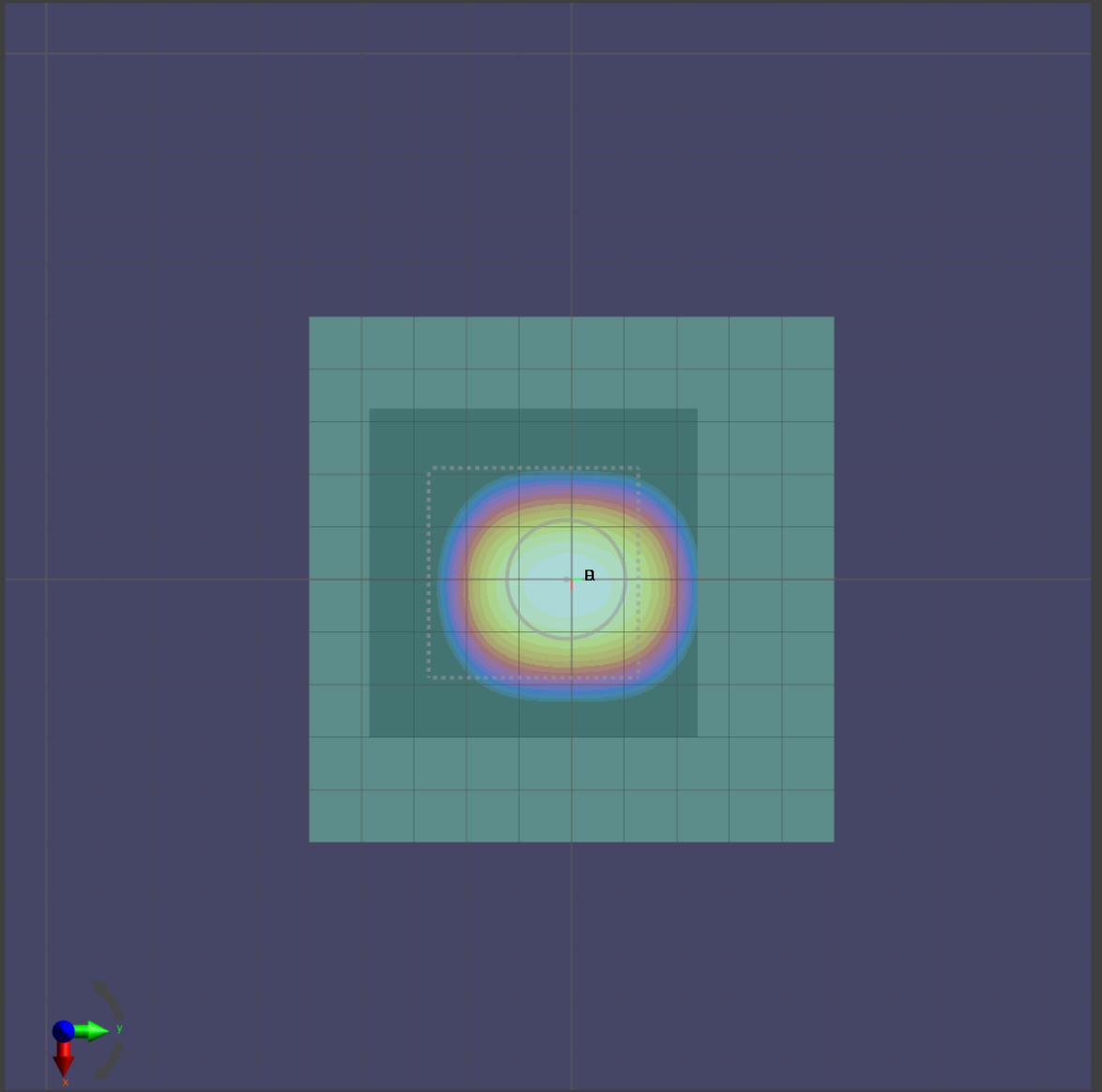
| | |
|---------------------|-------------|
| Grid Extents [mm] | 60.0 x 60.0 |
| Grid Steps [lambda] | 0.25 x 0.25 |
| Sensor Surface [mm] | 5.55 |

Measurement Results

| | |
|--|-------------------|
| Date | 2020-02-02, 01:07 |
| Avg. Area [cm ²] | 4.00 |
| S _{avg inc} [W/m ²] | 30.1 |
| S _{avg tot} [W/m ²] | 30.8 |
| S _{peak} [W/m ²] | 45.1 |
| E _{peak} [V/m] | 129 |
| H _{peak} [A/m] | 0.357 |
| Power Drift [dB] | -0.03 |

Averaged [4.0 cm²] |Re{S}|(x,y,z,f0) [dB(30.5W/m²)]

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