

Test Laboratory: Sporton International Inc.

Device Under Test Properties

| Manufacturer | Dimensions [mm]    | IMEI | DUT Type |
|--------------|--------------------|------|----------|
|              | 154.0 x 74.0 x 8.0 |      | Phone    |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Frequency [MHz] | Conversion Factor |
|-----------------|------------------------------|-----------------|-------------------|
| 5G              | EDGE RIGHT, 2.00             | 27500.0         | 1.0               |

Hardware Setup

| Phantom       | Medium | Probe, Calibration Date               | DAE, Calibration Date   |
|---------------|--------|---------------------------------------|-------------------------|
| mmWave – xxxx | Air –  | EUmmWV4 – SN9461_F1–78GHz, 2019–11–05 | DAE4 Sn1424, 2020–01–24 |

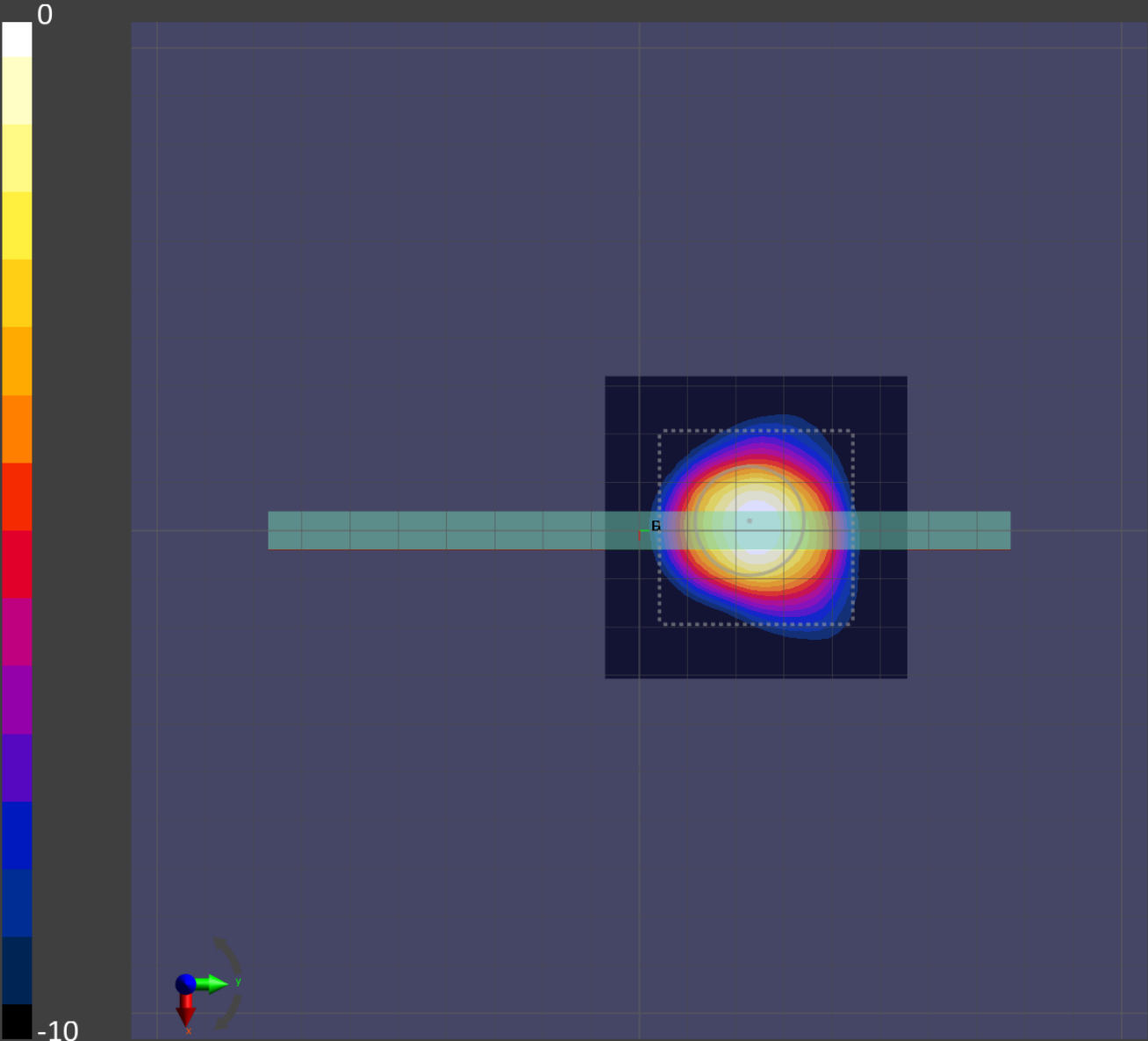
Scans Setup

|                     |             |
|---------------------|-------------|
| Grid Extents [mm]   | 60.0 x 60.0 |
| Grid Steps [lambda] | 0.25 x 0.25 |
| Sensor Surface [mm] | 2.0         |

Measurement Results

|                                          |                   |
|------------------------------------------|-------------------|
| Date                                     | 2020–06–02, 06:13 |
| Avg. Area [cm <sup>2</sup> ]             | 4.00              |
| S <sub>avg inc</sub> [W/m <sup>2</sup> ] | 4.33              |
| S <sub>avg tot</sub> [W/m <sup>2</sup> ] | 5.63              |
| S <sub>peak</sub> [W/m <sup>2</sup> ]    | 13.2              |
| E <sub>peak</sub> [V/m]                  | 72.2              |
| H <sub>peak</sub> [A/m]                  | 0.195             |
| Power Drift [dB]                         | –0.06             |

Averaged [4.0 cm<sup>2</sup>] |Re{S}|(x,y,z,f0) [dB(5.63W/m<sup>2</sup>)]



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Exposure Conditions

|                 |                              |                 |                   |
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| Phantom Section | Position, Test Distance [mm] | Frequency [MHz] | Conversion Factor |
| 5G              | EDGE RIGHT, 2.00             | 27500.0         | 1.0               |

Hardware Setup

|               |        |                                       |                         |
|---------------|--------|---------------------------------------|-------------------------|
| Phantom       | Medium | Probe, Calibration Date               | DAE, Calibration Date   |
| mmWave – xxxx | Air –  | EUmmWV4 – SN9461_F1–78GHz, 2019–11–05 | DAE4 Sn1424, 2020–01–24 |

Scans Setup

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| Grid Steps [lambda] | 0.25 x 0.25 |
| Sensor Surface [mm] | 2.0         |

Measurement Results

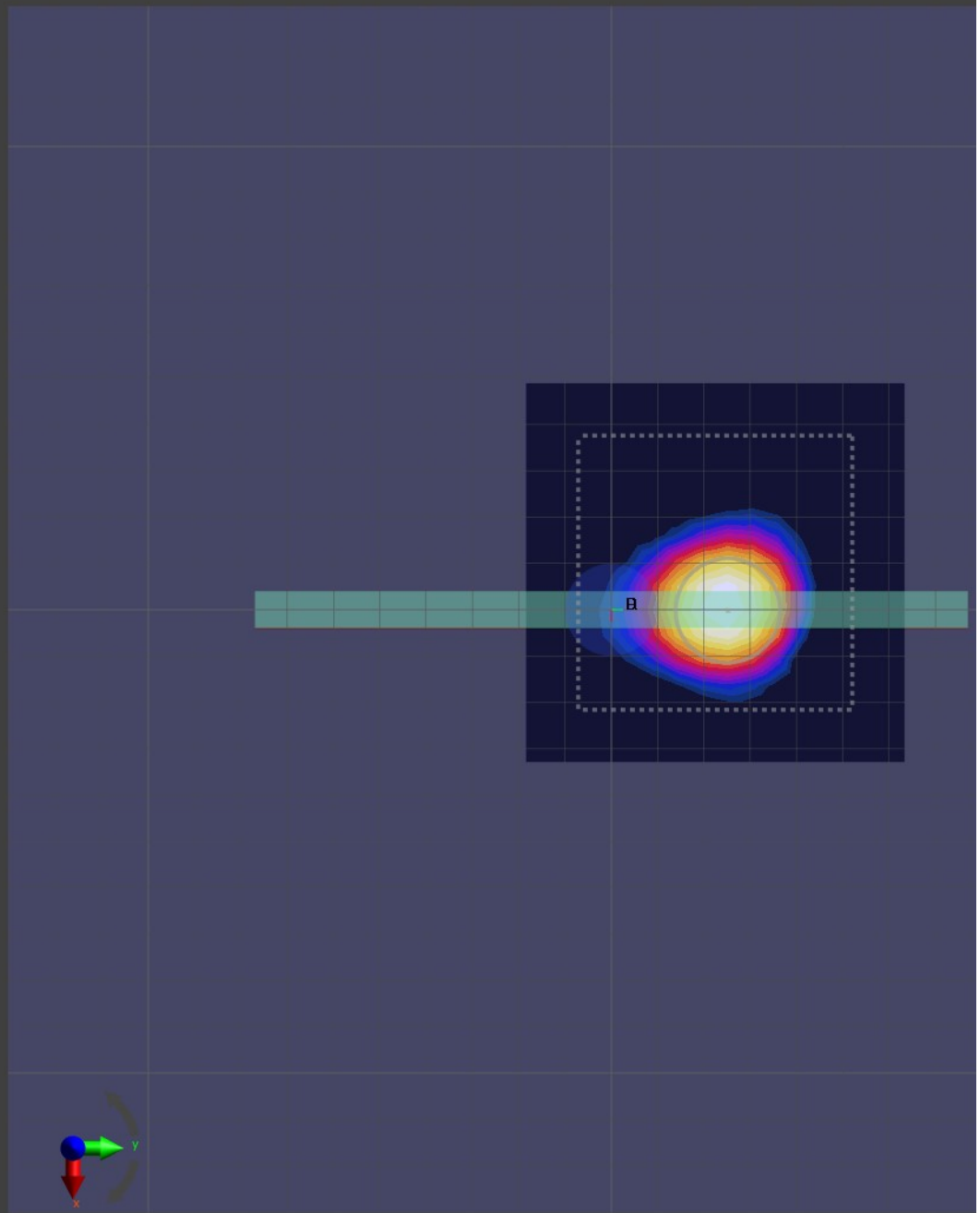
|                                          |                   |
|------------------------------------------|-------------------|
| Date                                     | 2020–06–02, 16:20 |
| Avg. Area [cm <sup>2</sup> ]             | 4.00              |
| S <sub>avg inc</sub> [W/m <sup>2</sup> ] | 4.89              |
| S <sub>avg tot</sub> [W/m <sup>2</sup> ] | 6.12              |
| S <sub>peak</sub> [W/m <sup>2</sup> ]    | 15.1              |
| E <sub>peak</sub> [V/m]                  | 81.2              |
| H <sub>peak</sub> [A/m]                  | 0.212             |
| Power Drift [dB]                         | 0.06              |

Averaged [4.0 cm<sup>2</sup>] |Re{S}|(x,y,z,f0) [dB(6.12W/m<sup>2</sup>)]

0



-10



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