

Test Laboratory: Sporton International Inc.

#### Device Under Test Properties

Manufacturer	Dimensions [mm]	IMEI	DUT Type
	100.0 x 100.0 x 100.0		Phone

#### 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 Sn854, 2019-05-21

#### 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

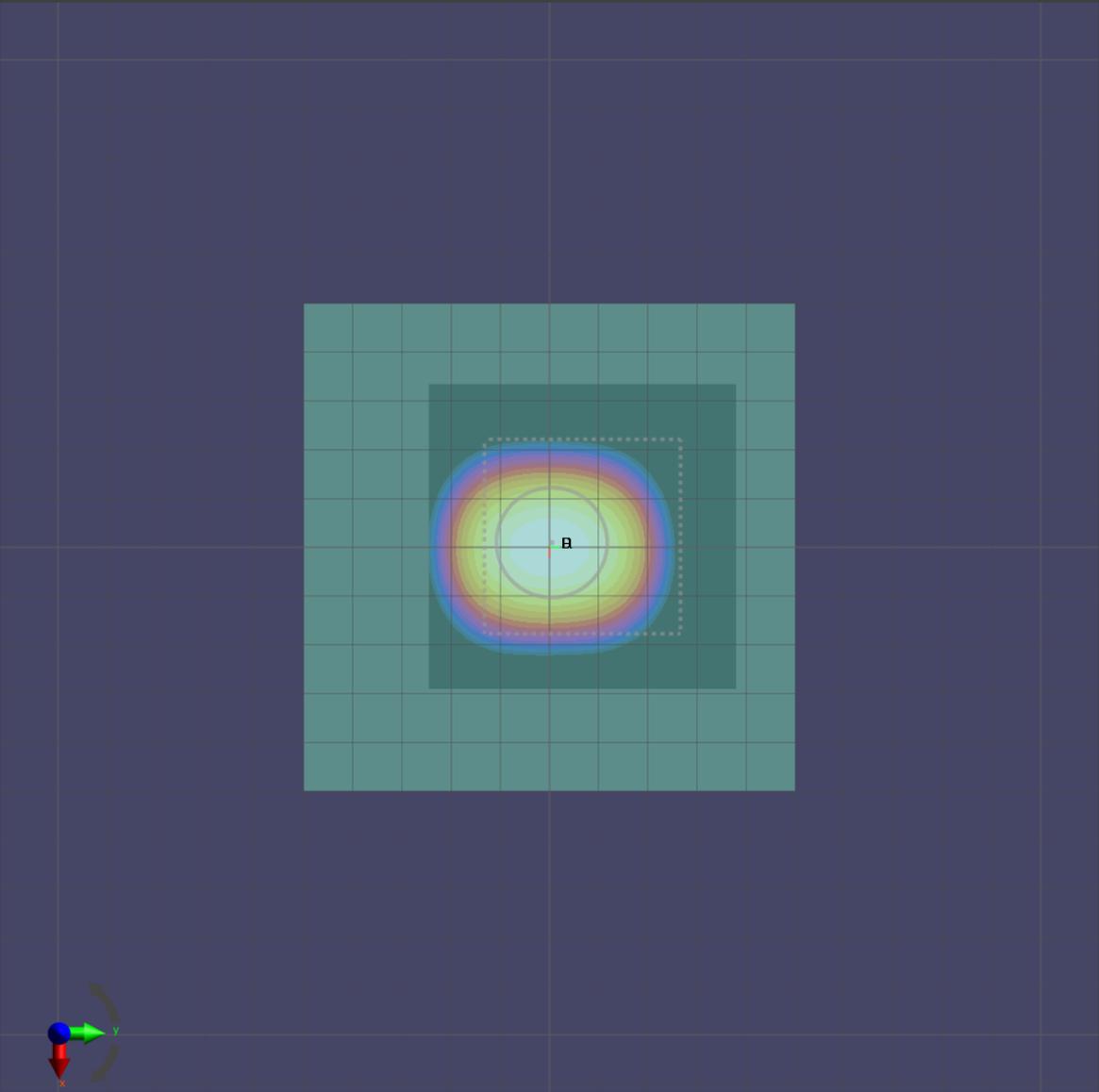
Date	2019-12-17, 00:12
Avg. Area [cm <sup>2</sup> ]	4.00
S <sub>avg inc</sub> [W/m <sup>2</sup> ]	31.1
S <sub>avg tot</sub> [W/m <sup>2</sup> ]	31.5
S <sub>peak</sub> [W/m <sup>2</sup> ]	46.2
E <sub>peak</sub> [V/m]	131
H <sub>peak</sub> [A/m]	0.358
Power Drift [dB]	-0.07

Averaged [4.0 cm<sup>2</sup>] |Re{S}|(x,y,z,f0) [dB(31.5W/m<sup>2</sup>)]

0



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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 Sn854, 2019-05-21

#### Scans Setup

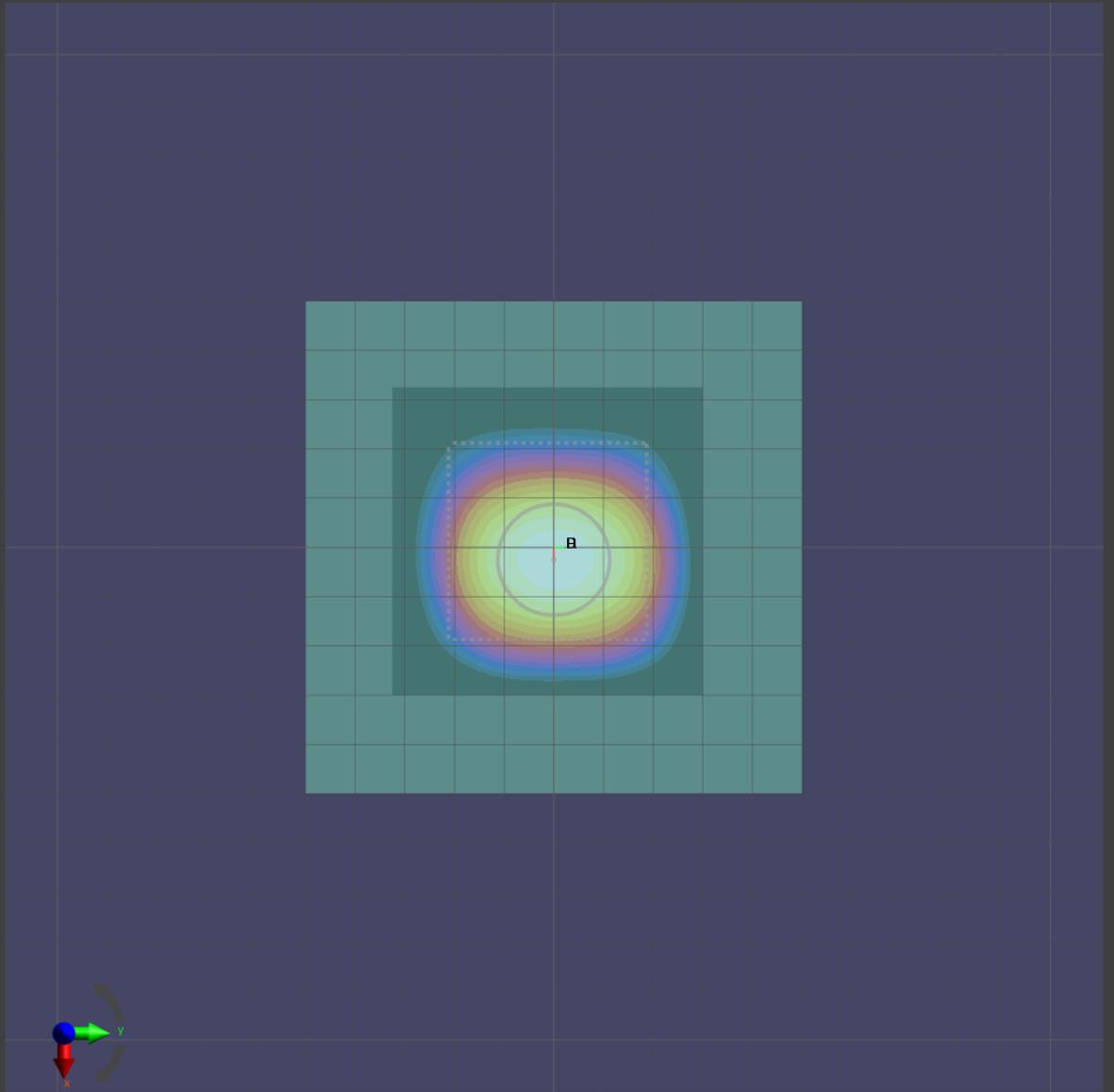
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55

#### Measurement Results

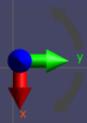
Date	2019-12-26, 00:29
Avg. Area [cm <sup>2</sup> ]	4.00
S <sub>avg inc</sub> [W/m <sup>2</sup> ]	34.1
S <sub>avg tot</sub> [W/m <sup>2</sup> ]	34.5
S <sub>peak</sub> [W/m <sup>2</sup> ]	49.3
E <sub>peak</sub> [V/m]	135
H <sub>peak</sub> [A/m]	0.378
Power Drift [dB]	-0.13

Averaged [4.0 cm<sup>2</sup>] |Re{S}|(x,y,z,f0) [dB(34.5W/m<sup>2</sup>)]

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	100.0 x 100.0 x 100.0		Phone

#### 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

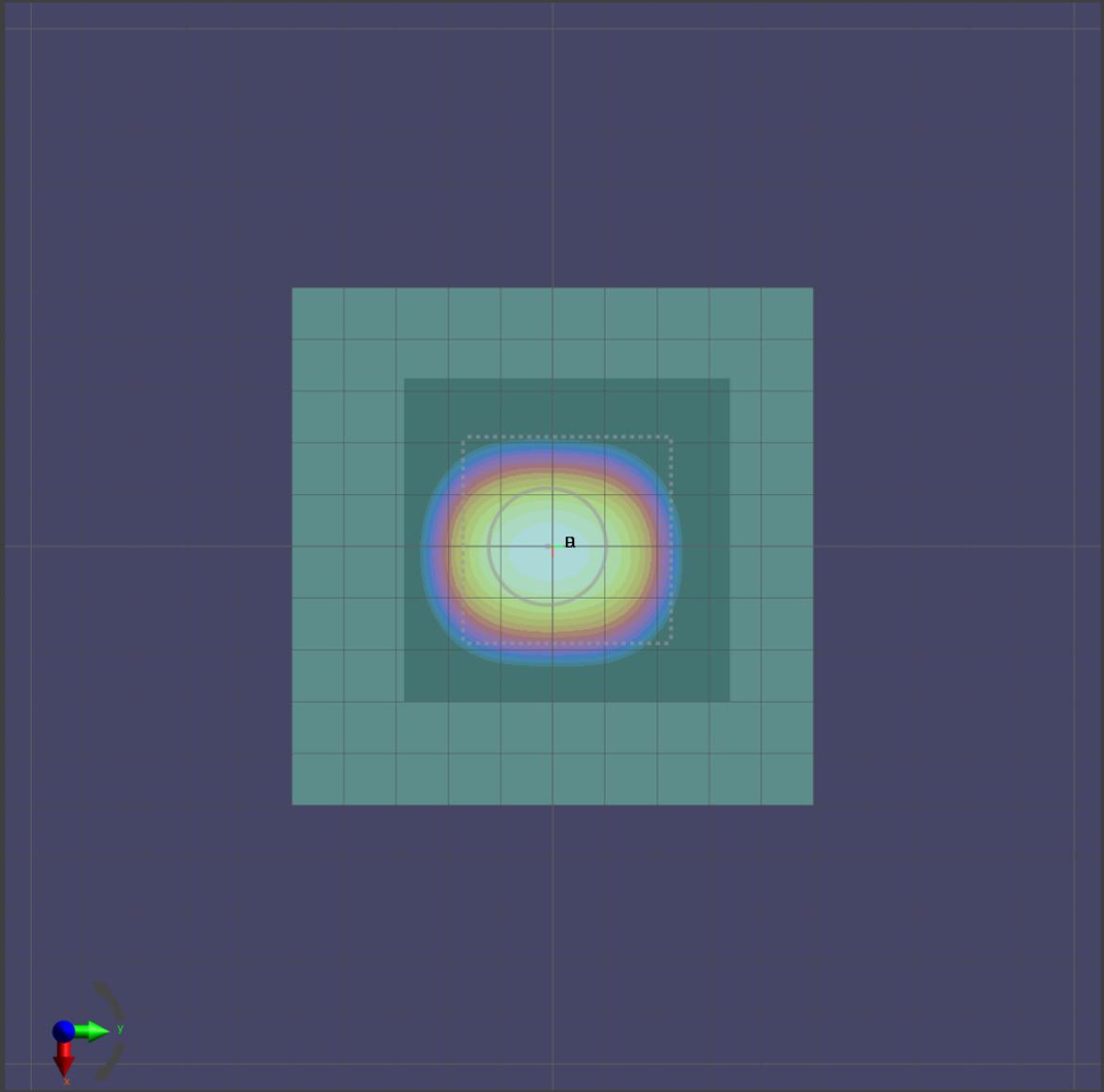
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55

#### Measurement Results

Date	2020-01-23, 00:03
Avg. Area [cm <sup>2</sup> ]	4.00
S <sub>avg inc</sub> [W/m <sup>2</sup> ]	30.8
S <sub>avg tot</sub> [W/m <sup>2</sup> ]	31.2
S <sub>peak</sub> [W/m <sup>2</sup> ]	46.3
E <sub>peak</sub> [V/m]	134
H <sub>peak</sub> [A/m]	0.368
Power Drift [dB]	0.03

Averaged [4.0 cm<sup>2</sup>] |Re{S}|(x,y,z,f0) [dB(31.2W/m<sup>2</sup>)]

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Manufacturer	Dimensions [mm]	IMEI	DUT Type
	100.0 x 100.0 x 100.0		Phone

#### 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 - SN9441_F1-78GHz, 2019-11-20	DAE4 Sn778, 2019-05-21

#### 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	2020-02-12, 00:37
Avg. Area [cm <sup>2</sup> ]	4.00
S <sub>avg inc</sub> [W/m <sup>2</sup> ]	30.4
S <sub>avg tot</sub> [W/m <sup>2</sup> ]	30.9
S <sub>peak</sub> [W/m <sup>2</sup> ]	44.8
E <sub>peak</sub> [V/m]	130
H <sub>peak</sub> [A/m]	0.353
Power Drift [dB]	-0.03

Averaged [4.0 cm<sup>2</sup>] |Re{S}|(x,y,z,f0) [dB(30.9W/m<sup>2</sup>)]

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