

Test Laboratory: Sporton International Inc.

Device Under Test Properties

Manufacturer	Dimensions [mm]	IMEI	DUT Type
	100.0 x 100.0 x 100.0		System 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 Sn854, 2019–05–21

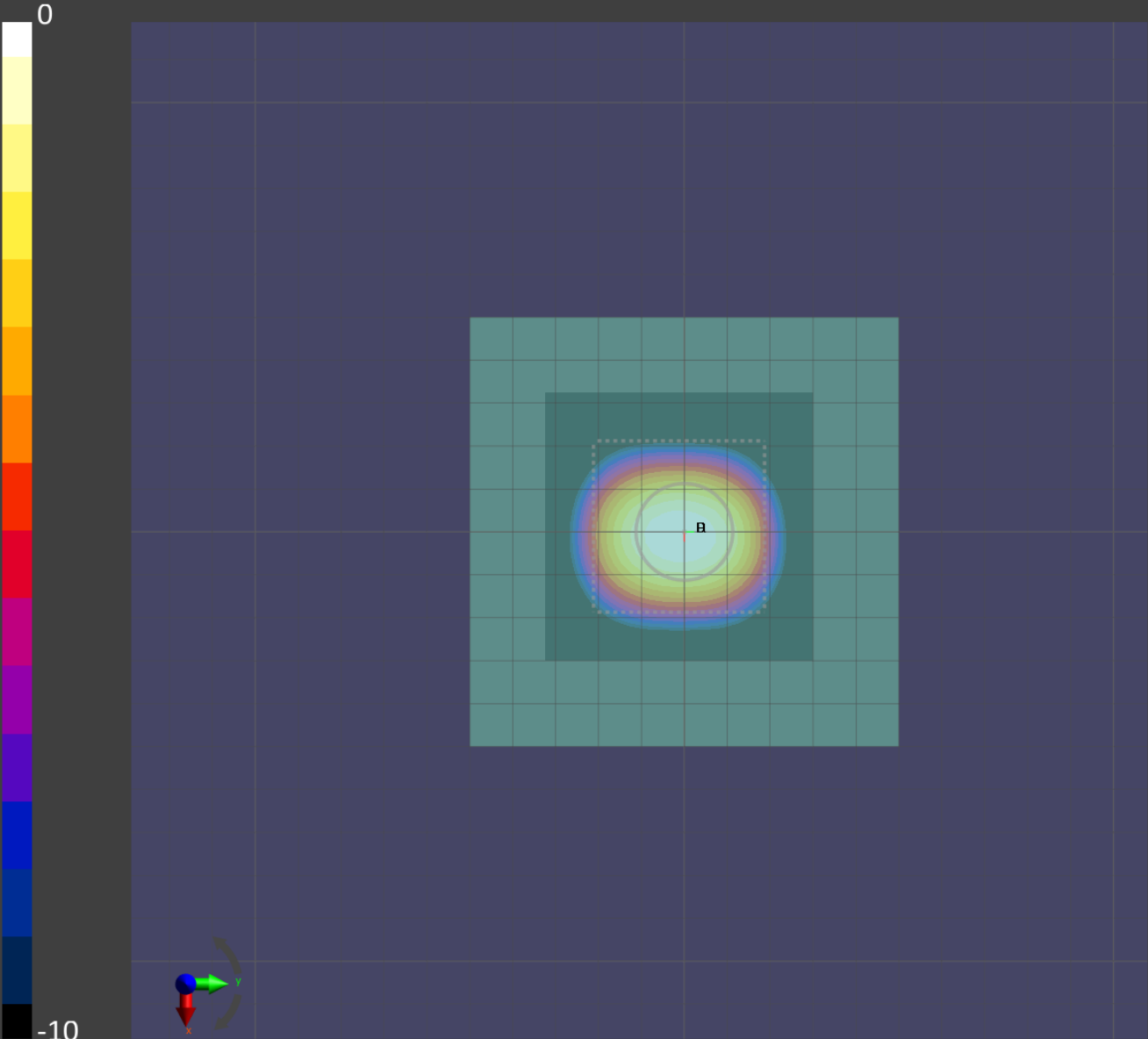
Scans Setup

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

Measurement Results

Date	2020–04–17, 01:33
Avg. Area [cm ²]	4.00
S _{avg inc} [W/m ²]	30.7
S _{avg tot} [W/m ²]	31.2
S _{peak} [W/m ²]	45.2
E _{peak} [V/m]	130
H _{peak} [A/m]	0.351
Power Drift [dB]	–0.04

Averaged [4.0 cm²] |Re{S}|(x,y,z,f0) [dB(31.2W/m²)]



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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 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]	5.55

Measurement Results

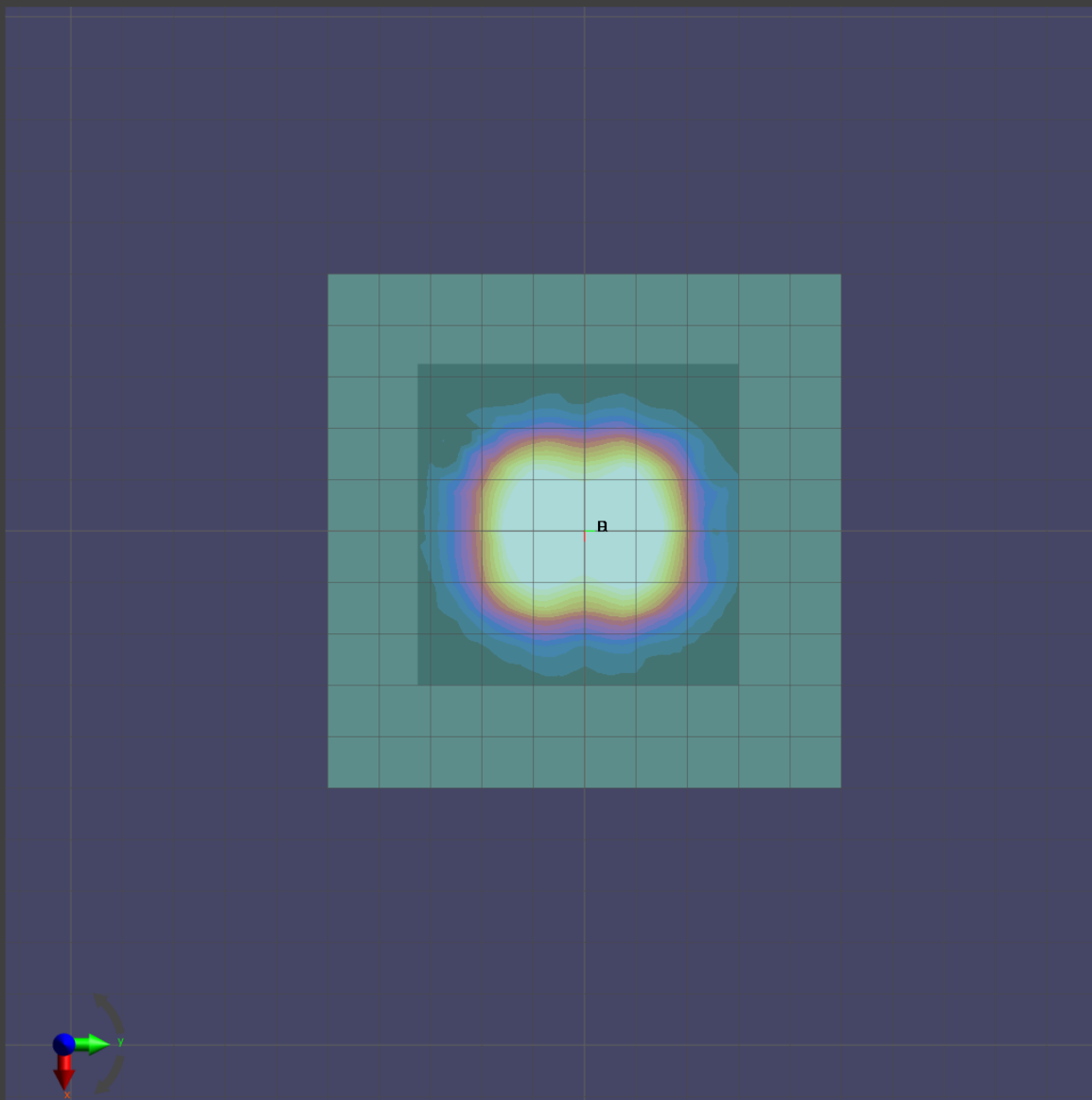
Date	2020–05–22, 11:55
Avg. Area [cm ²]	4.00
S _{avg inc} [W/m ²]	33.3
S _{avg tot} [W/m ²]	33.7
S _{peak} [W/m ²]	47.8
E _{peak} [V/m]	134
H _{peak} [A/m]	0.359
Power Drift [dB]	–0.03

RMS{EM E(x,y,z,f0)} [dB(100V/m)]

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 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]	5.55

Measurement Results

Date	2020–06–01, 02:07
Avg. Area [cm ²]	4.00
S _{avg inc} [W/m ²]	37.6
S _{avg tot} [W/m ²]	38.2
S _{peak} [W/m ²]	51.9
E _{peak} [V/m]	139
H _{peak} [A/m]	0.381
Power Drift [dB]	0.04

Averaged [4.0 cm²] |Re{S}|(x,y,z,f0) [dB(38.2W/m²)]

0



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