

Test Laboratory: Sporton International Inc.

Device Under Test Properties

Manufacturer	Dimensions [mm]	IMEI	DUT Type
	100.0 x 100.0 x 100.0		System Verification Source

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	FRONT, 5.50	30000.0	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1–78GHz, 2020–11–24	DAE3 Sn577, 2020–09–16

Scans Setup

Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.5

Measurement Results

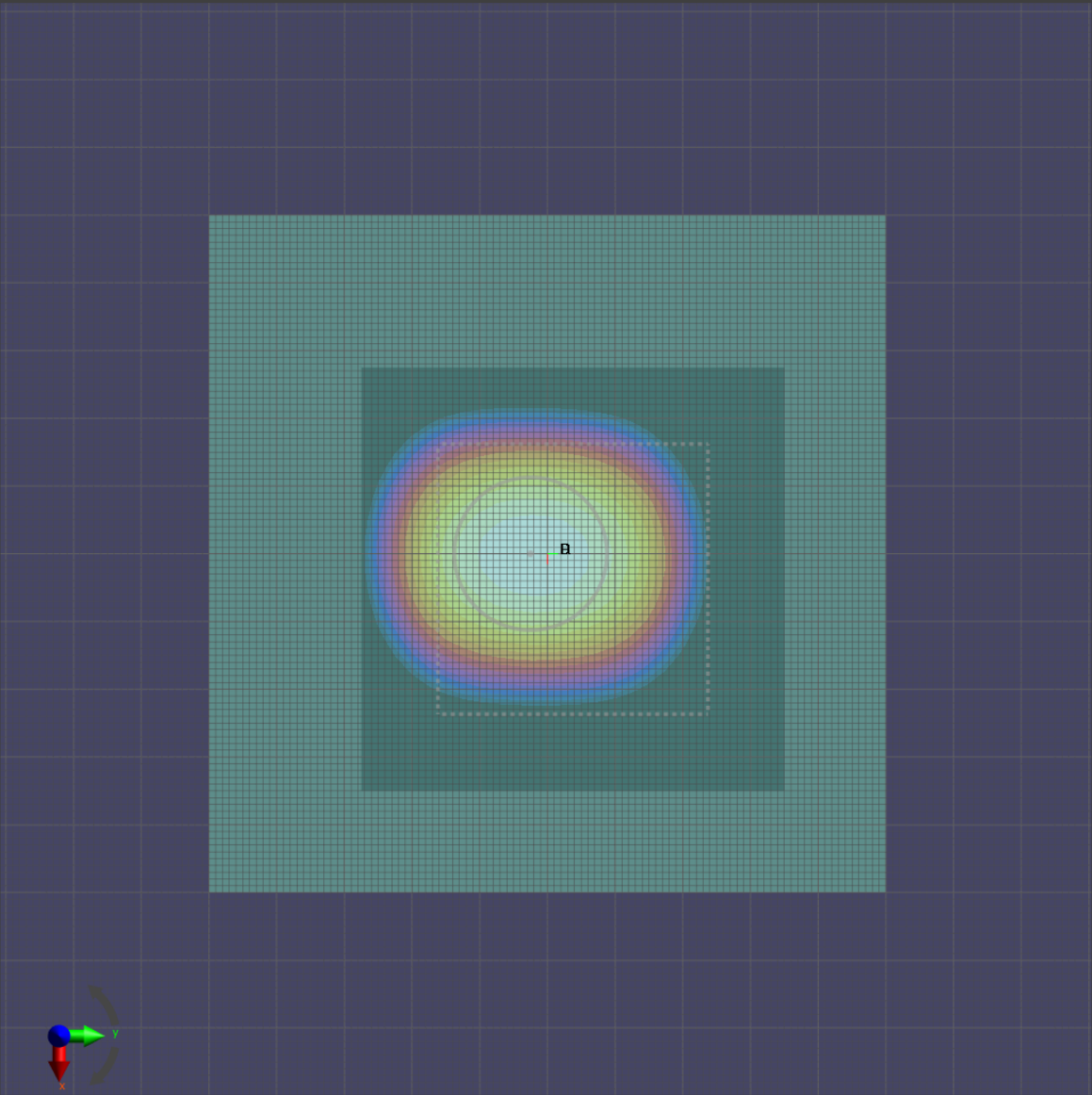
Date	2020–12–12, 05:20
Avg. Area [cm ²]	4.00
S _{avg inc} [W/m ²]	31.9
S _{avg tot} [W/m ²]	32.3
S _{peak} [W/m ²]	49.6
E _{peak} [V/m]	134
H _{peak} [A/m]	0.370
Power Drift [dB]	–0.09

Averaged [4.0 cm²] |Re{S}|(x,y,z,f0) [dB(32.3W/m²)]

0



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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
5G Cover – xxxx	Air –	EUmmWV4 – SN9441_F1–78GHz, 2020–11–24	DAE4 Sn376, 2020–11–23

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

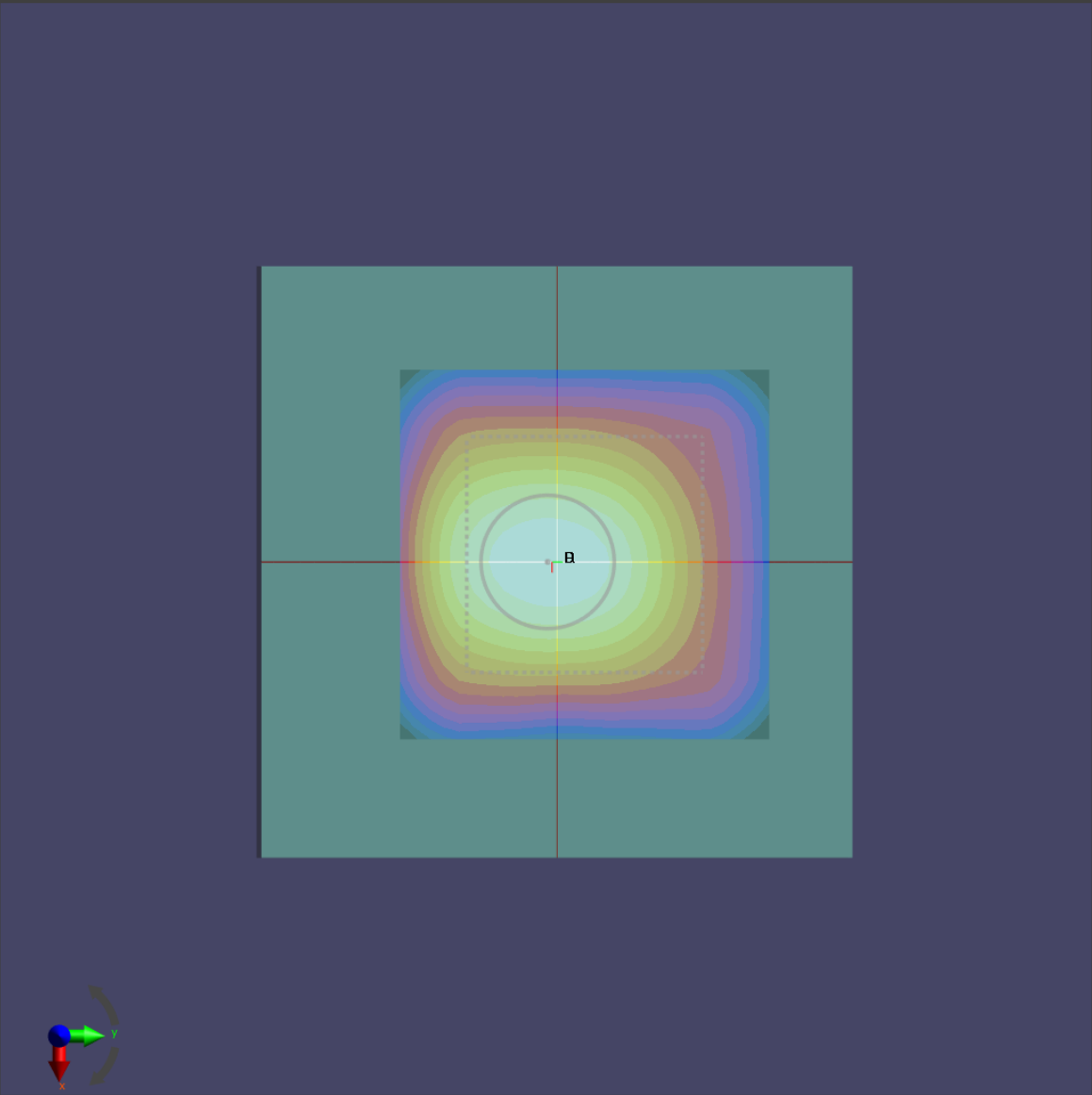
Date	2021–01–04, 11:50
Avg. Area [cm ²]	4.00
S _{avg inc} [W/m ²]	38.5
S _{avg tot} [W/m ²]	38.8
S _{peak} [W/m ²]	47.4
E _{peak} [V/m]	135
H _{peak} [A/m]	0.352
Power Drift [dB]	–0.12

Averaged [4.0 cm²] |Re{S}|(x,y,z,f0) [dB(38.8W/m²)]

0



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	100.0 x 100.0 x 100.0		System Verification Source

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	FRONT, 5.50	30000.0	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1–78GHz, 2020–11–24	DAE4 Sn376, 2020–11–23

Scans Setup

Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.5

Measurement Results

Date	2021–01–12, 15:44
Avg. Area [cm ²]	4.00
S _{avg inc} [W/m ²]	32.0
S _{avg tot} [W/m ²]	32.5
S _{peak} [W/m ²]	47.1
E _{peak} [V/m]	133
H _{peak} [A/m]	0.357
Power Drift [dB]	0.00

Averaged [4.0 cm²] |Re{S}|(x,y,z,f0) [dB(32.5W/m²)]

0



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