

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

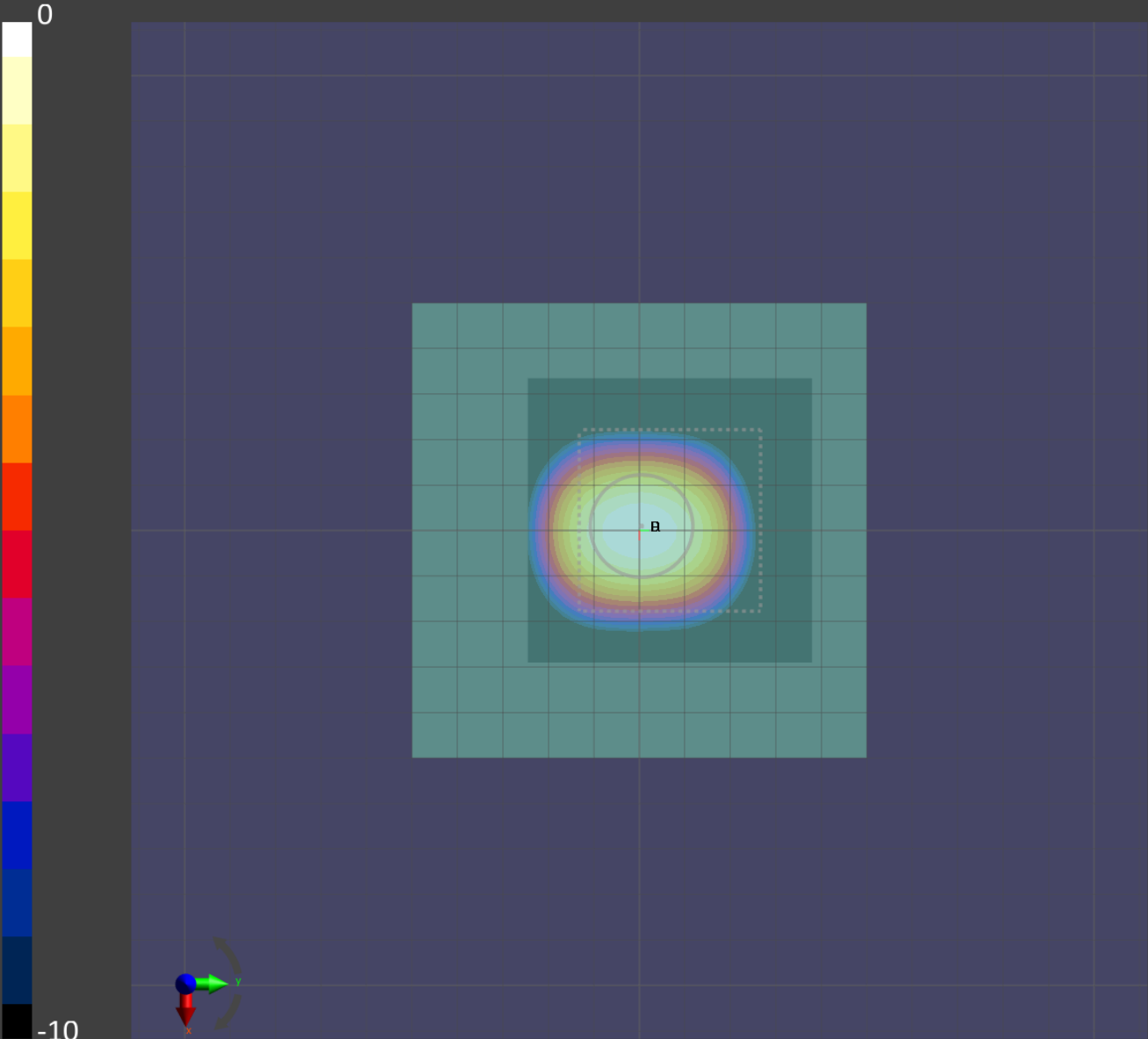
Scans Setup

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 ²]	4.00
S _{avg inc} [W/m ²]	31.1
S _{avg tot} [W/m ²]	31.5
S _{peak} [W/m ²]	46.2
E _{peak} [V/m]	131
H _{peak} [A/m]	0.358
Power Drift [dB]	–0.07

Averaged [4.0 cm²] |Re{S}|(x,y,z,f0) [dB(31.5W/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 Sn854, 2019–05–21

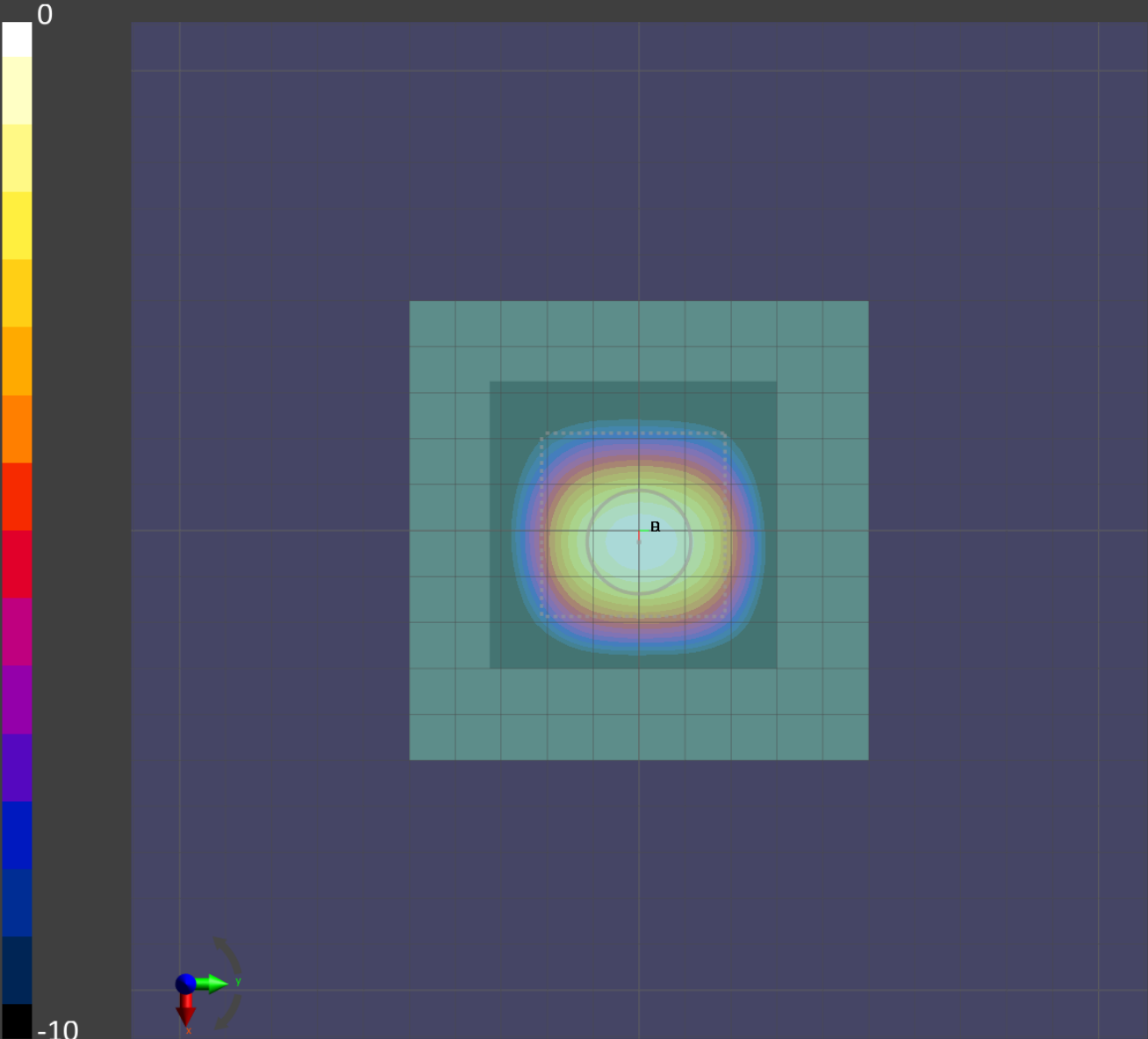
Scans Setup

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 ²]	4.00
S _{avg inc} [W/m ²]	34.1
S _{avg tot} [W/m ²]	34.5
S _{peak} [W/m ²]	49.3
E _{peak} [V/m]	135
H _{peak} [A/m]	0.378
Power Drift [dB]	–0.13

Averaged [4.0 cm²] |Re{S}|(x,y,z,f0) [dB(34.5W/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

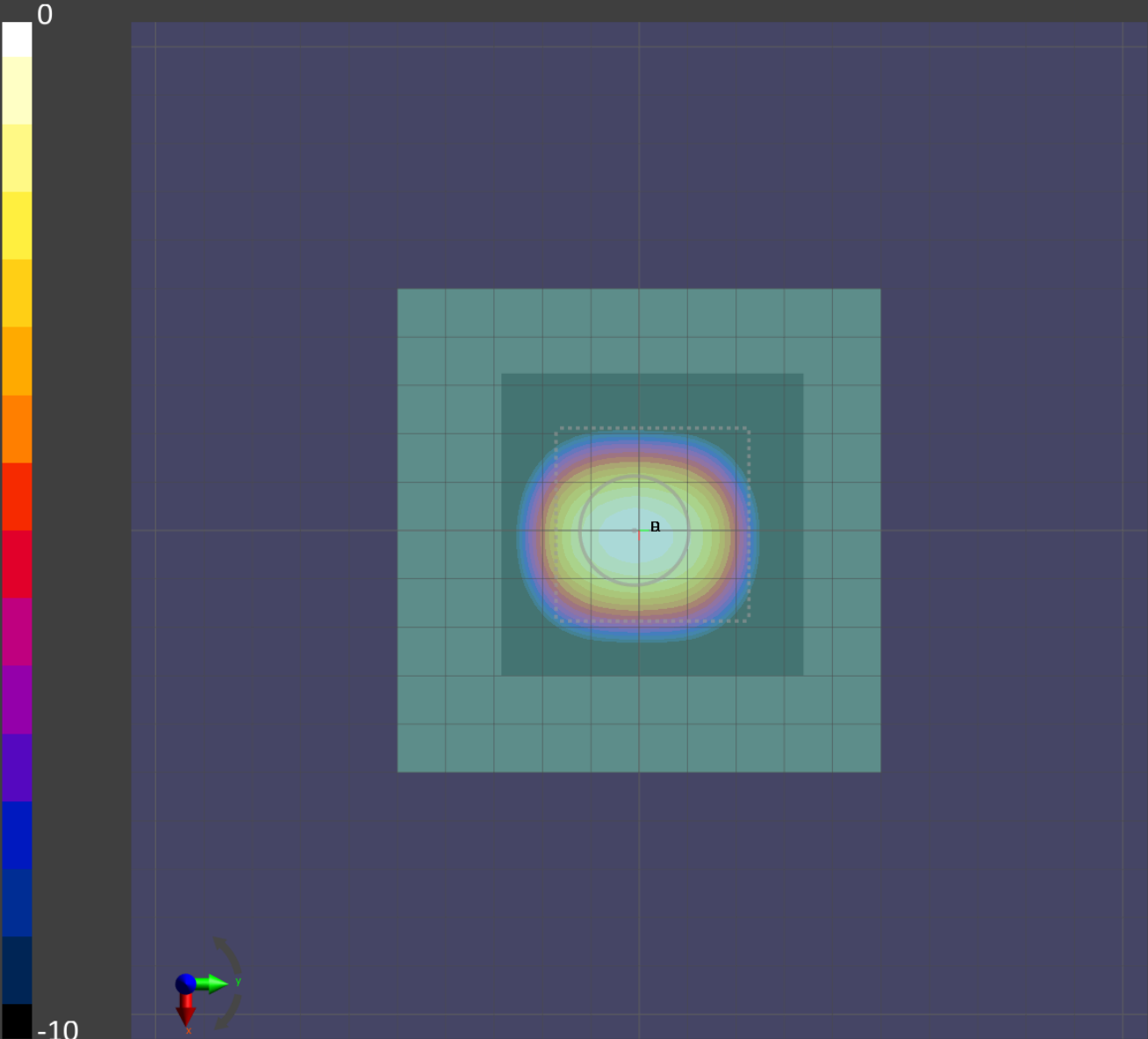
Scans Setup

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

Measurement Results

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

Averaged [4.0 cm²] |Re{S}|(x,y,z,f0) [dB(31.2W/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 – 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 ²]	4.00
S _{avg inc} [W/m ²]	30.4
S _{avg tot} [W/m ²]	30.9
S _{peak} [W/m ²]	44.8
E _{peak} [V/m]	130
H _{peak} [A/m]	0.353
Power Drift [dB]	–0.03

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

