Test Laboratory: Sporton International Inc.

Device Under Test Properties

Manufacturer	Dimensions [mm]	IMEI	DUT Type
	100.0 x 100.0 x 100.0		System validation

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	FRONT, 5.55	30000.0	1.0

Hardware Setup

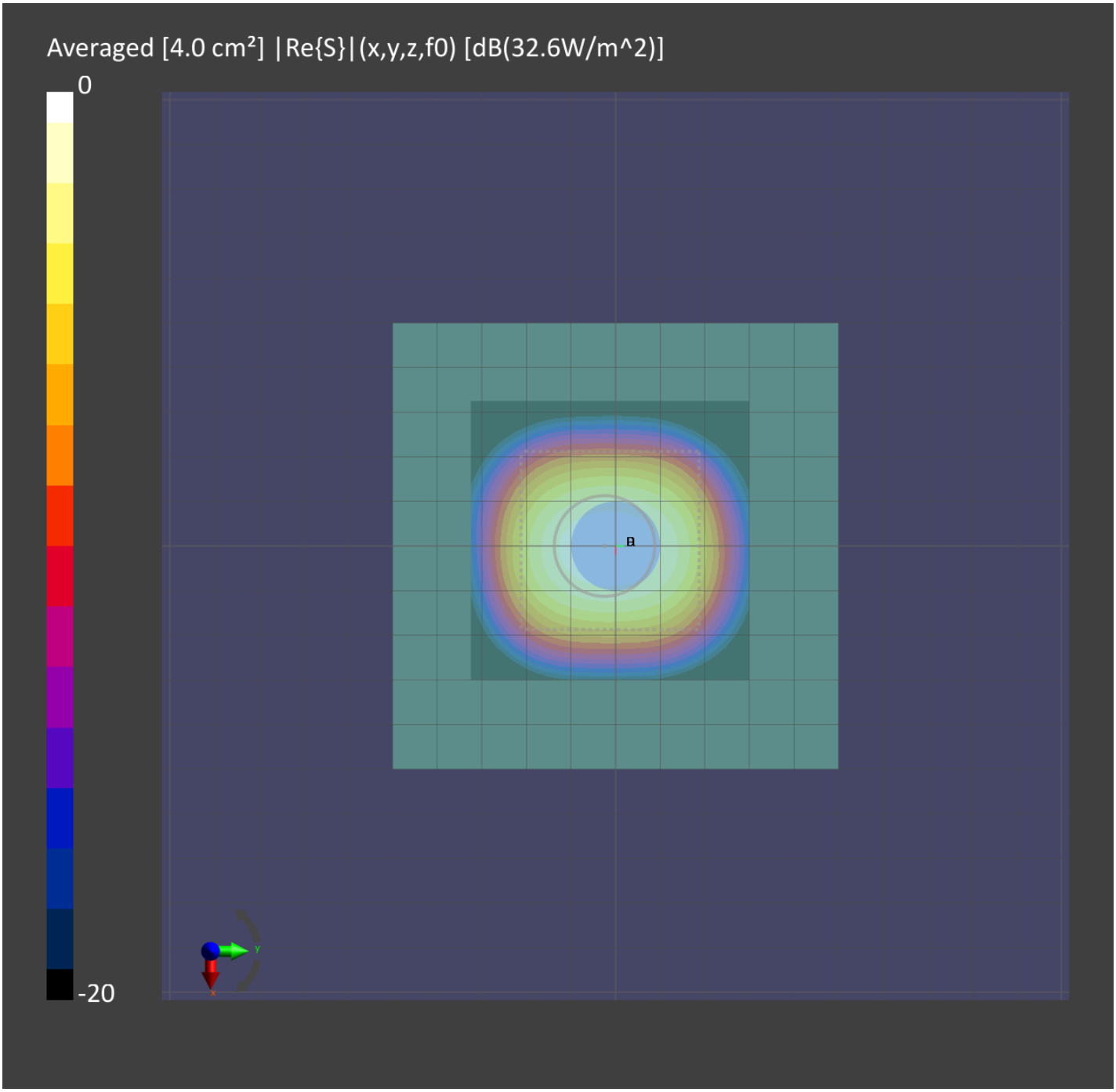
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9461_F1-78GHz, 2019-11-05	DAE4 Sn1424, 2020-01-24

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	2020-07-29, 00:38
Avg. Area [cm^2]	4.00
$S_{avg\ inc}$ [W/m^2]	32.1
$S_{avg\ tot}$ [W/m^2]	32.6
S_{peak} [W/m^2]	46.8
E_{peak} [V/m]	132
H_{peak} [A/m]	0.360
Power Drift [dB]	0.02


Averaged [4.0 cm²] |Re{S}|(x,y,z,f0) [dB(32.6W/m^2)]
0
-20

Test Laboratory: Sporton International Inc.

Device Under Test Properties

Manufacturer	Dimensions [mm]	IMEI	DUT Type
	100.0 x 100.0 x 100.0		System Validation

Exposure Conditions

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

Hardware Setup

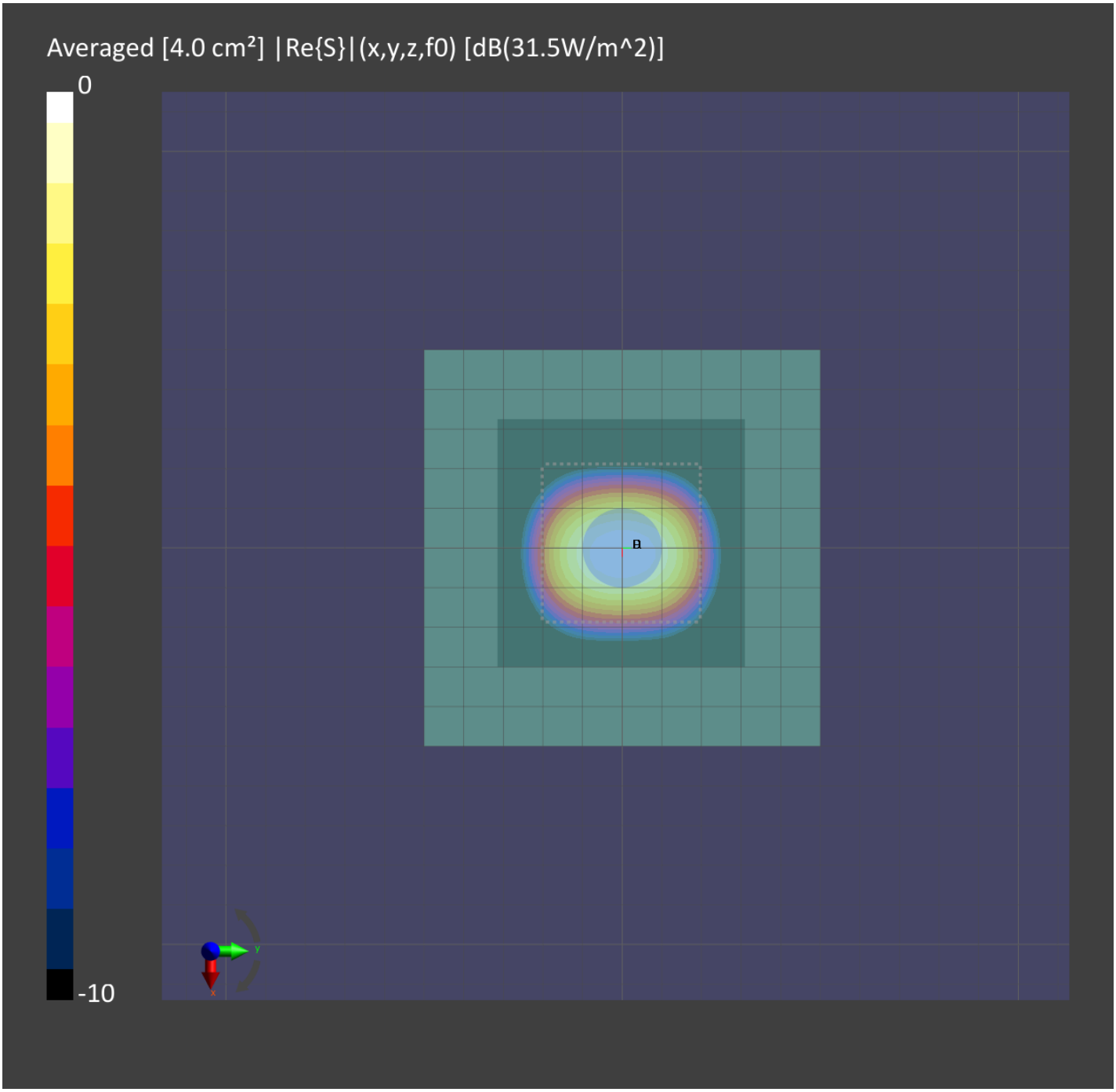
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9461_F1-78GHz, 2019-11-05	DAE4 Sn1424, 2020-01-24

Scans Setup

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

Measurement Results

Date	2020-08-19, 12:23
Avg. Area [cm^2]	4.00
$S_{avg\ inc}$ [W/m^2]	31.0
$S_{avg\ tot}$ [W/m^2]	31.5
S_{peak} [W/m^2]	46.2
E_{peak} [V/m]	129
H_{peak} [A/m]	0.361
Power Drift [dB]	-0.07


Averaged [4.0 cm²] |Re{S}|(x,y,z,f0) [dB(31.5W/m^2)]
0
-10