

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 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	2020–02–09, 01:08
Avg. Area [cm ²]	4.00
S _{avg inc} [W/m ²]	30.3
S _{avg tot} [W/m ²]	30.7
S _{peak} [W/m ²]	45.1
E _{peak} [V/m]	128
H _{peak} [A/m]	0.354
Power Drift [dB]	–0.09

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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	2020–02–15, 01:07
Avg. Area [cm ²]	4.00
S _{avg inc} [W/m ²]	30.3
S _{avg tot} [W/m ²]	30.8
S _{peak} [W/m ²]	43.7
E _{peak} [V/m]	128
H _{peak} [A/m]	0.345
Power Drift [dB]	–0.04

Averaged [4.0 cm²] |Re{S}|(x,y,z,f0) [dB(30.8W/m²)]

