

Test Laboratory: Sporton International Inc.

Device Under Test Properties

Manufacturer	Dimensions [mm]	IMEI	DUT Type
	100.0 x 100.0 x 100.0		Verification Source SN:1007

Exposure Conditions

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

Hardware Setup

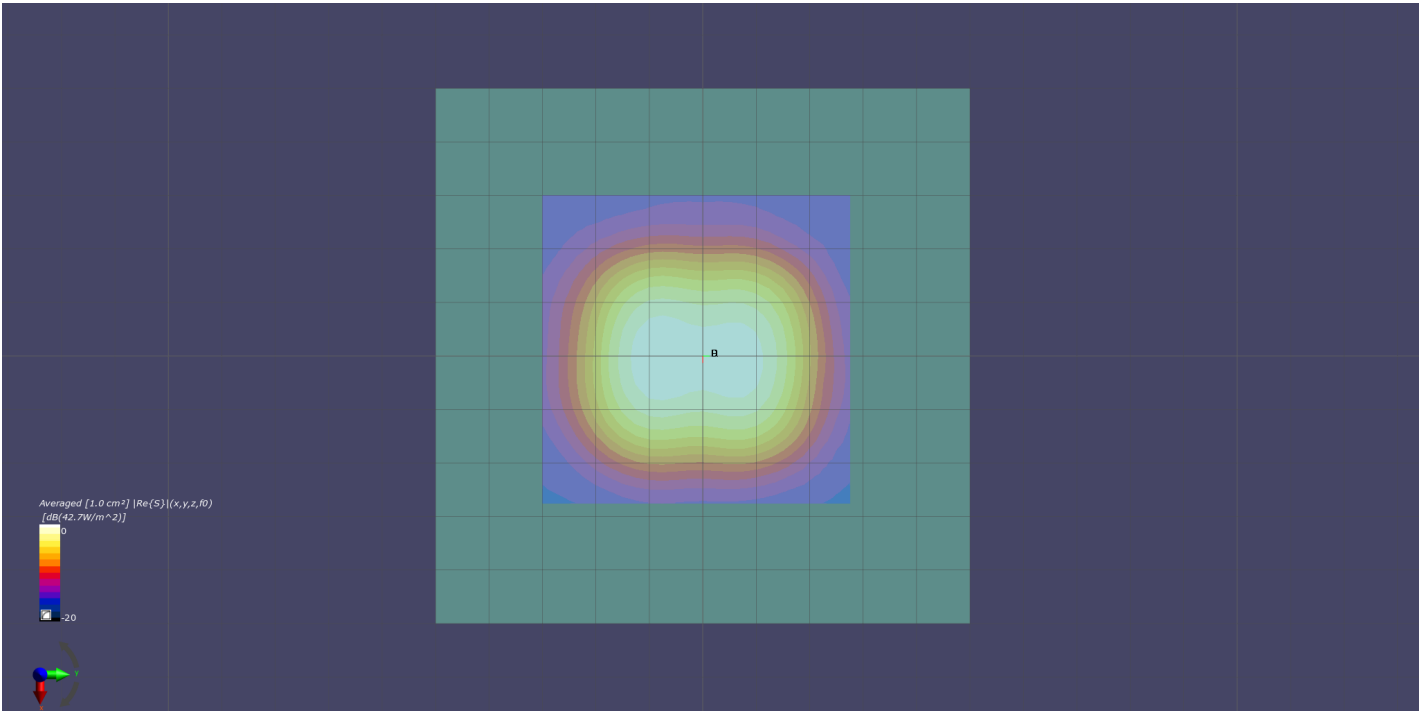
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
5G Cover	Air –	EUmmWV2 – SN9388, 2018–04–10	DAE4 Sn918, 2018–06–20

Scans Setup

Grid Extents [mm]	70.0 x 70.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55

Measurement Results

Date	2018–12–11, 00:30
Avg. Area [cm ²]	1.00
Savg inc [W/m ²]	42.5
Savg tot [W/m ²]	42.7
Speak [W/m ²]	51.0
Epeak [V/m]	137
Hpeak [A/m]	0.373
Power Drift [dB]	–0.14



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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

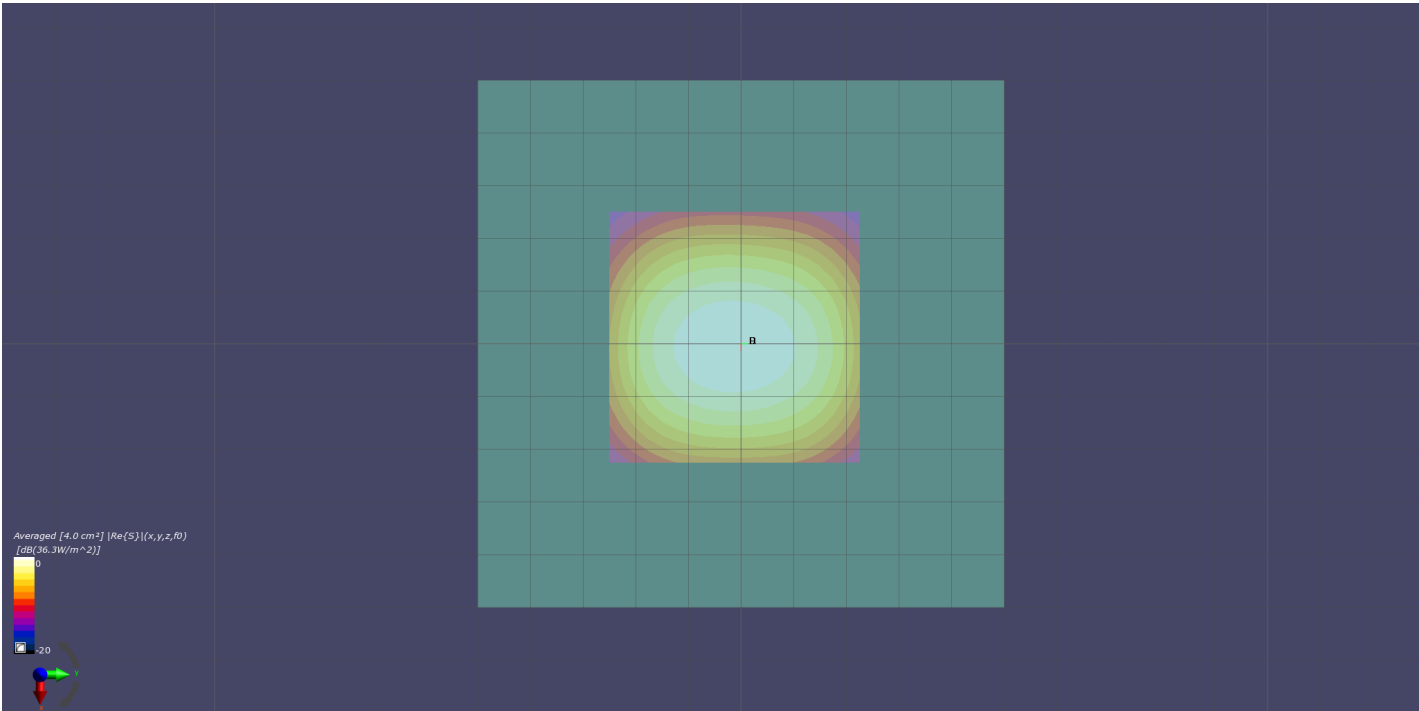
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
5G Cover	Air –	EUmmWV2 – SN9388, 2018–04–10	DAE4 Sn918, 2018–06–20

Scans Setup

Grid Extents [mm]	70.0 x 70.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55

Measurement Results

Date	2018–12–11, 00:30
Avg. Area [cm ²]	4.00
Savg inc [W/m ²]	36.0
Savg tot [W/m ²]	36.3
Speak [W/m ²]	51.0
Epeak [V/m]	137
Hpeak [A/m]	0.373
Power Drift [dB]	–0.14



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Device Under Test Properties

Manufacturer	Dimensions [mm]	IMEI	DUT Type
	100.0 x 100.0 x 100.0		Verification Source SN:1009

Exposure Conditions

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

Hardware Setup

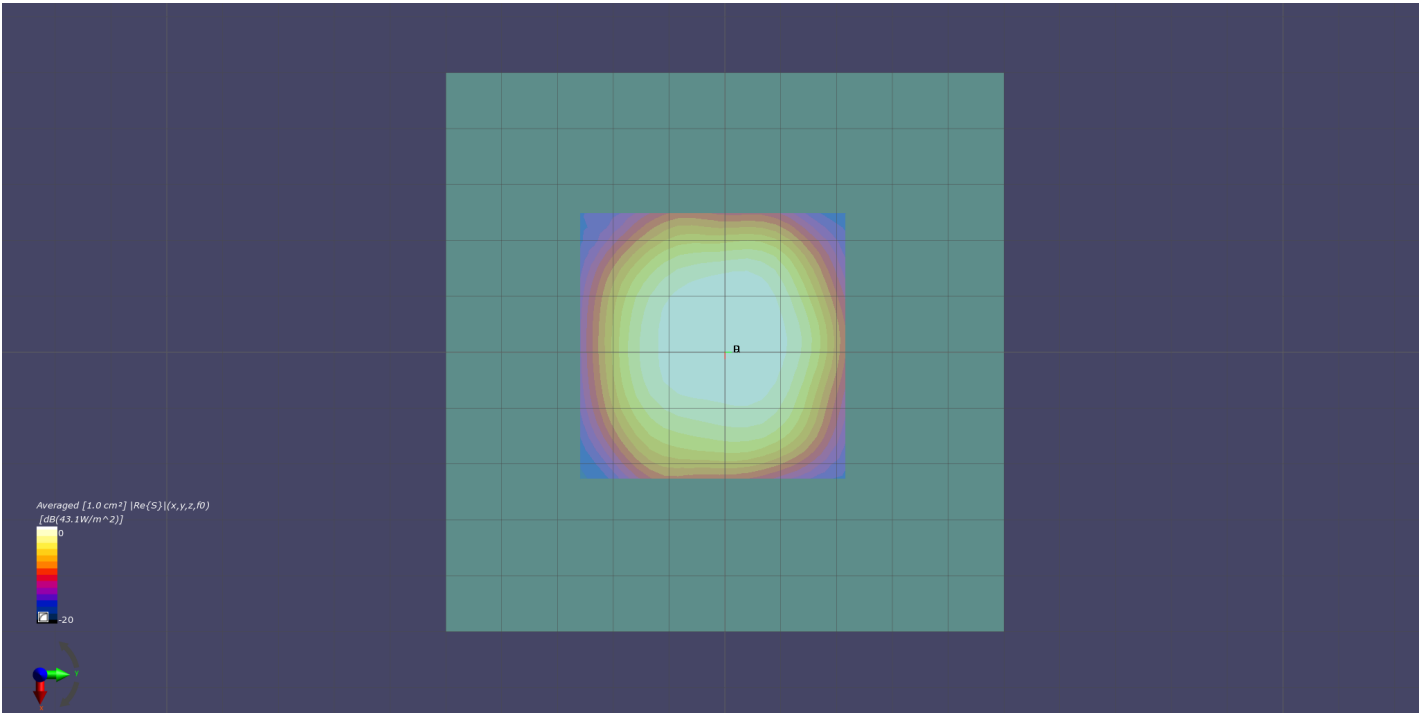
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
5G Cover	Air –	EUmmWV3 – SN9390, 2018–06–28	DAE4 Sn778, 2018–05–25

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	2018–12–16, 00:01
Avg. Area [cm ²]	1.00
S _{avg inc} [W/m ²]	42.5
S _{avg tot} [W/m ²]	43.1
S _{peak} [W/m ²]	55.8
E _{peak} [V/m]	142
H _{peak} [A/m]	0.405
Power Drift [dB]	0.03



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Device Under Test Properties

Manufacturer	Dimensions [mm]	IMEI	DUT Type
	100.0 x 100.0 x 100.0		Verification Source SN:1009

Exposure Conditions

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

Hardware Setup

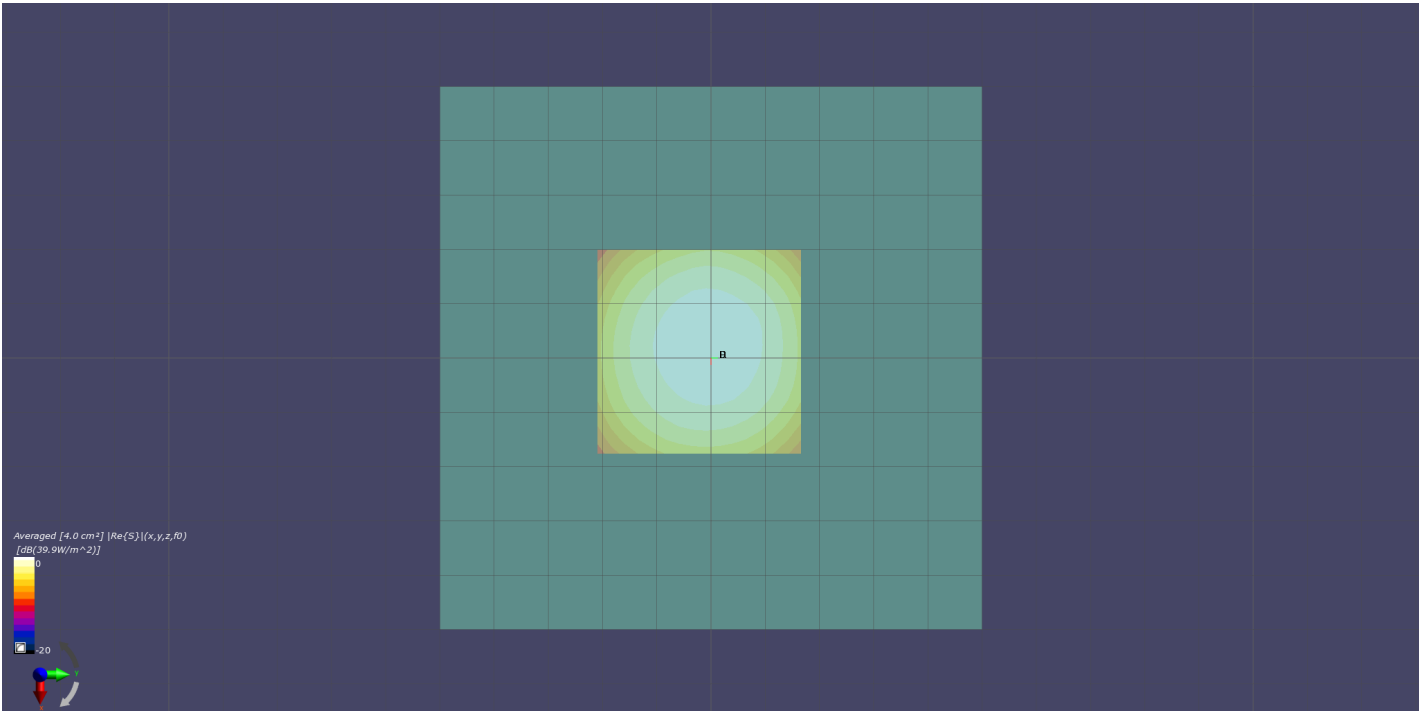
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
5G Cover	Air –	EUmmWV3 – SN9390, 2018–06–28	DAE4 Sn778, 2018–05–25

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	2018–12–16, 00:01
Avg. Area [cm ²]	4.00
Savg inc [W/m ²]	39.5
Savg tot [W/m ²]	39.9
Speak [W/m ²]	55.8
Epeak [V/m]	142
Hpeak [A/m]	0.405
Power Drift [dB]	0.03



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Device Under Test Properties

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	100.0 x 100.0 x 100.0		Verification Source SN:1007

Exposure Conditions

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

Hardware Setup

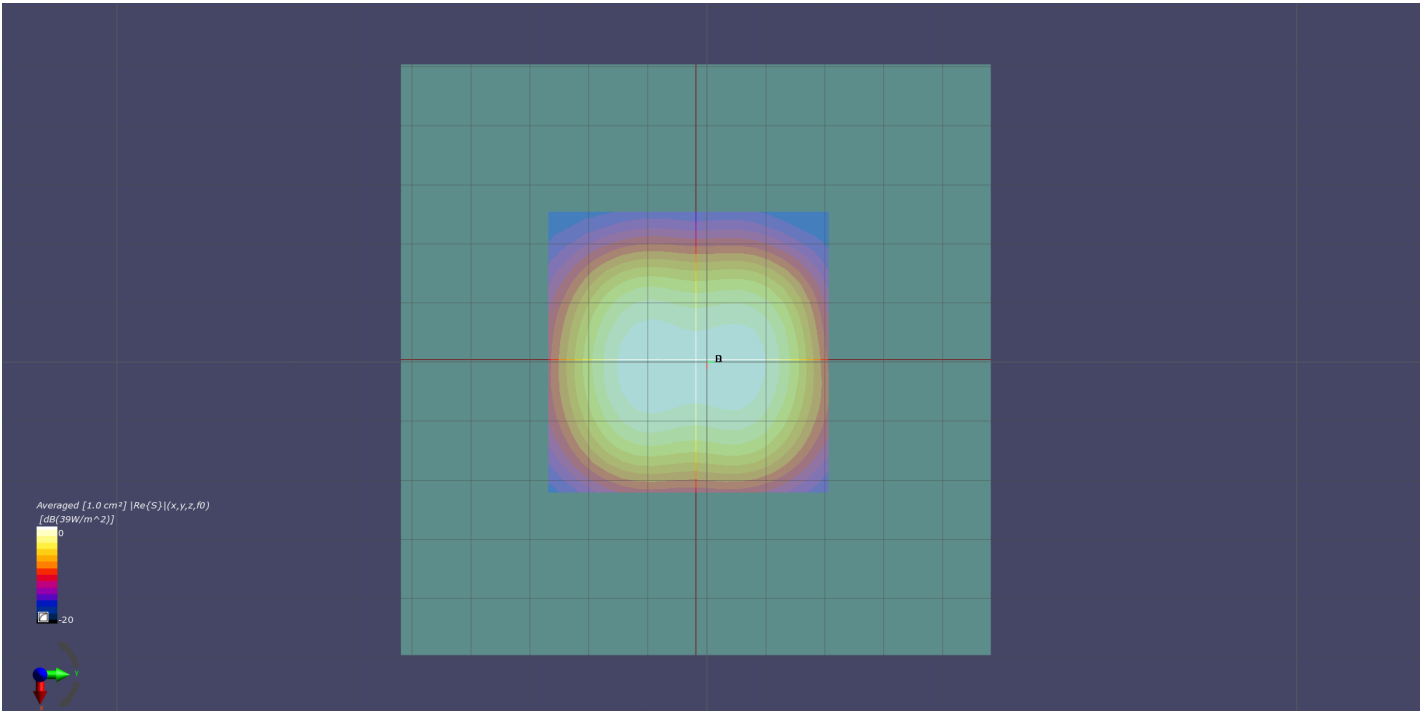
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
5G Cover	Air –	EUmmWV2 – SN9388, 2018–04–10	DAE4 Sn1 326, 2018–09–18

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	2018–12–18, 00:51
Avg. Area [cm ²]	1.00
S _{avg inc} [W/m ²]	38.8
S _{avg tot} [W/m ²]	39.0
S _{peak} [W/m ²]	47.8
E _{peak} [V/m]	133
H _{peak} [A/m]	0.361
Power Drift [dB]	–0.06



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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	Air –	EUmmWV2 – SN9388, 2018–04–10	DAE4 Sn1326, 2018–09–18

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	2018–12–18, 00:51
Avg. Area [cm ²]	4.00
S _{avg inc} [W/m ²]	33.1
S _{avg tot} [W/m ²]	33.4
S _{peak} [W/m ²]	47.8
E _{peak} [V/m]	133
H _{peak} [A/m]	0.361
Power Drift [dB]	–0.06

