

Measurement Report for Device
Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	105.0 x 105.0 x 23.0		Hotspot

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	EDGE LEFT, 10.00	38500.0	1.0

Hardware Setup

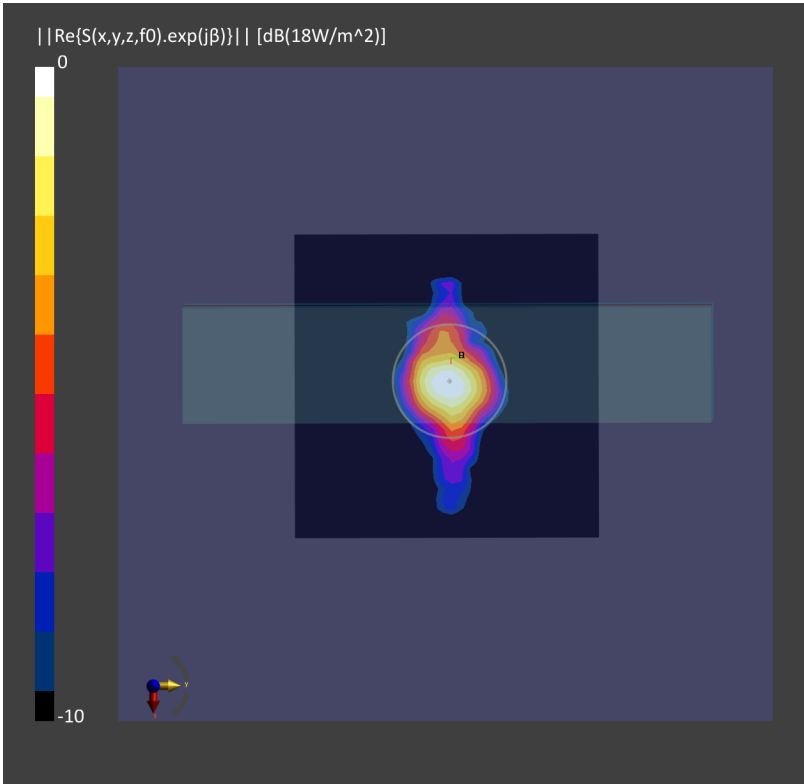
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1-78GHz, 2020-11-24	DAE4 Sn853, 2021-07-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2021-10-28, 00:48
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	6.81
psPDtot+ [W/m ²]	7.27
H _{max} [A/m]	0.219
E _{max} [V/m]	83.8
max(Stot) [W/m ²]	18.0
Power Drift [dB]	0.03



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Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	TOP, 10.00	38500.0	1.0

Hardware Setup

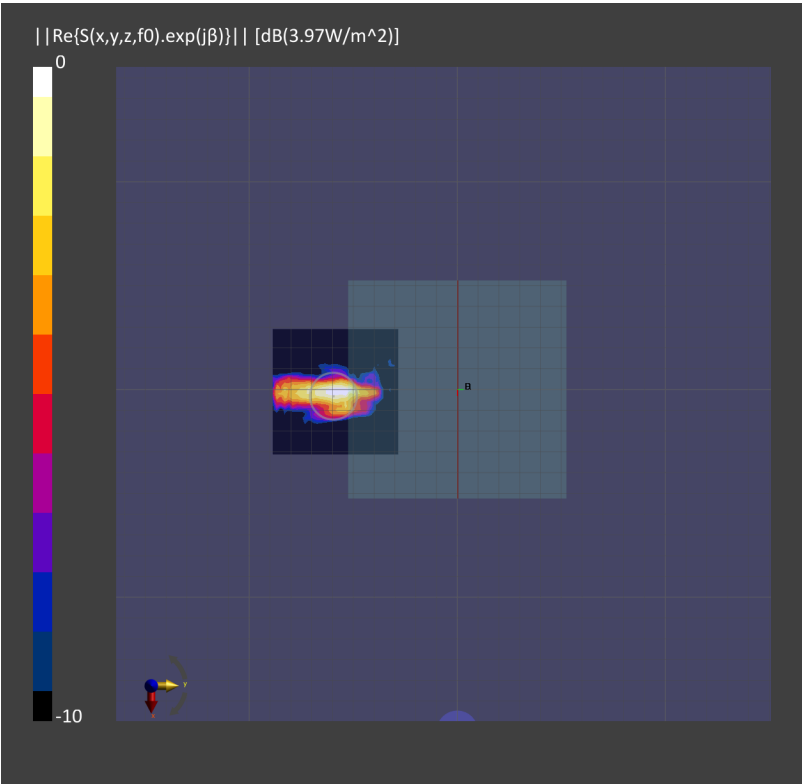
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1-78GHz, 2020-11-24	DAE4 Sn853, 2021-07-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2021-10-26, 23:39
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.88
psPDtot+ [W/m ²]	2.08
H _{max} [A/m]	0.108
E _{max} [V/m]	39.9
max(Stot) [W/m ²]	3.97
Power Drift [dB]	0.13



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Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	Bottom, 10.00	38500.0	1.0

Hardware Setup

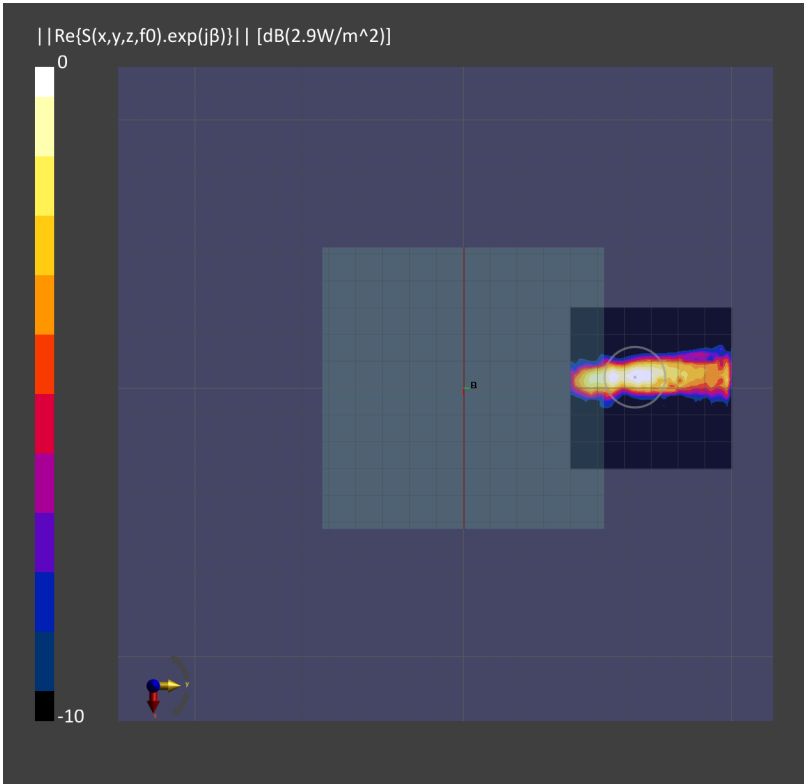
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1-78GHz, 2020-11-24	DAE4 Sn853, 2021-07-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2021-10-27, 12:23
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.21
psPDtot+ [W/m ²]	1.59
H _{max} [A/m]	0.090
E _{max} [V/m]	34.3
max(Stot) [W/m ²]	2.85
Power Drift [dB]	-0.04



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Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	EDGE LEFT, 10.00	38500.0	1.0

Hardware Setup

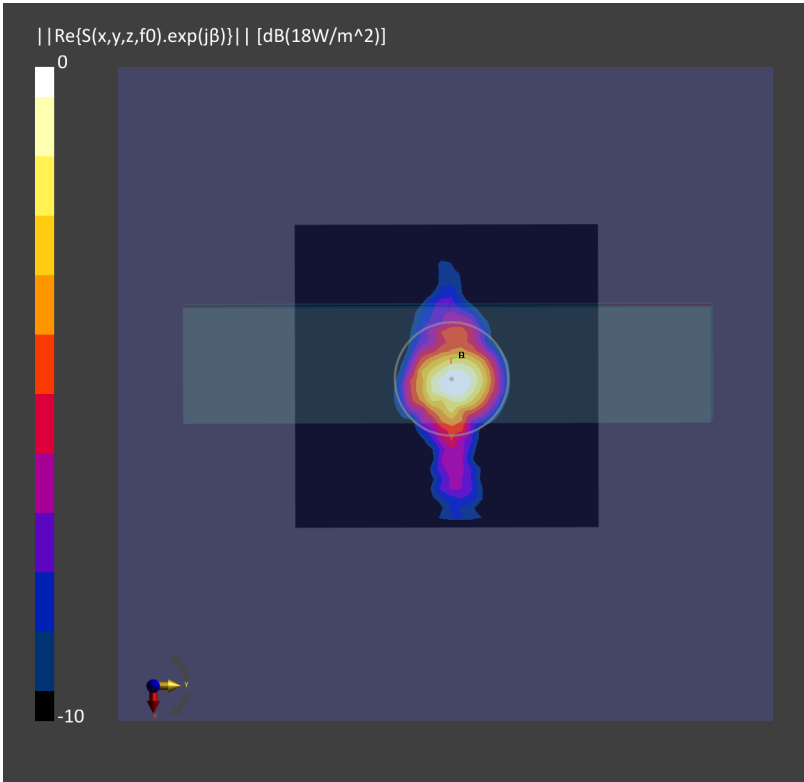
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1-78GHz, 2020-11-24	DAE4 Sn853, 2021-07-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2021-10-28, 02:49
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	6.79
psPDtot+ [W/m ²]	7.16
H _{max} [A/m]	0.220
E _{max} [V/m]	84.5
max(Stot) [W/m ²]	18.0
Power Drift [dB]	-0.01



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Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	TOP, 10.00	38500.0	1.0

Hardware Setup

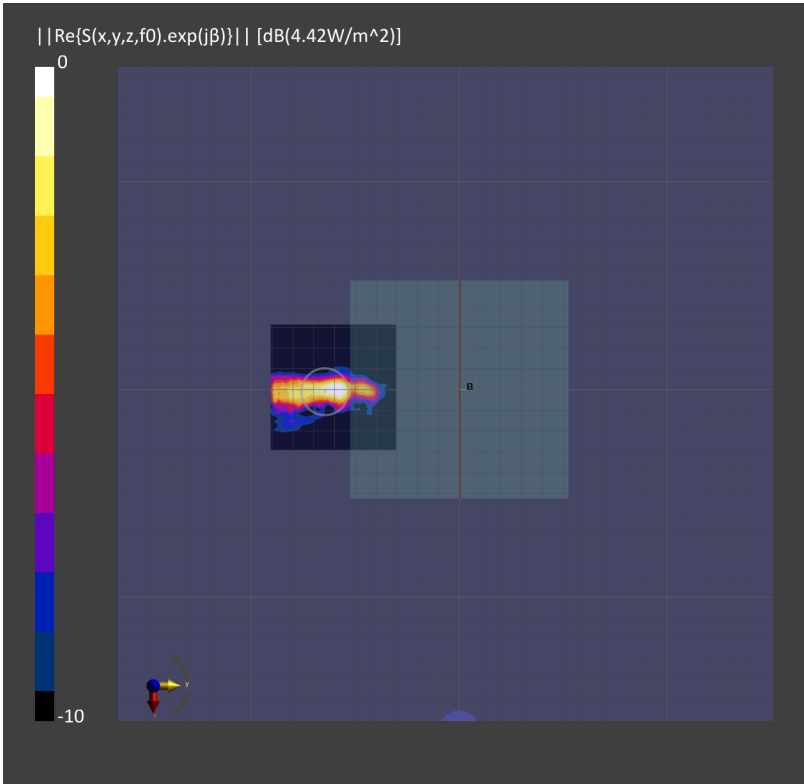
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1-78GHz, 2020-11-24	DAE4 Sn853, 2021-07-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2021-10-27, 01:44
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.81
psPDtot+ [W/m ²]	1.96
H _{max} [A/m]	0.115
E _{max} [V/m]	41.9
max(Stot) [W/m ²]	4.42
Power Drift [dB]	0.06



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Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	Bottom, 10.00	38500.0	1.0

Hardware Setup

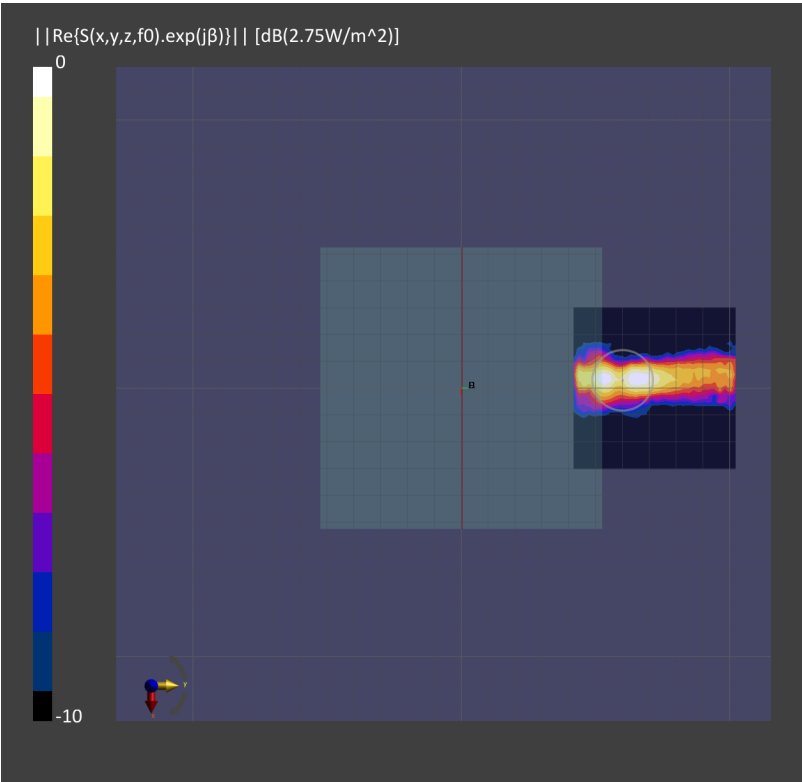
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1-78GHz, 2020-11-24	DAE4 Sn853, 2021-07-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2021-10-27, 15:30
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.33
psPDtot+ [W/m ²]	1.40
H _{max} [A/m]	0.086
E _{max} [V/m]	32.3
max(Stot) [W/m ²]	2.75
Power Drift [dB]	-0.03



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Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	EDGE RIGHT, 10.00	38500.0	1.0

Hardware Setup

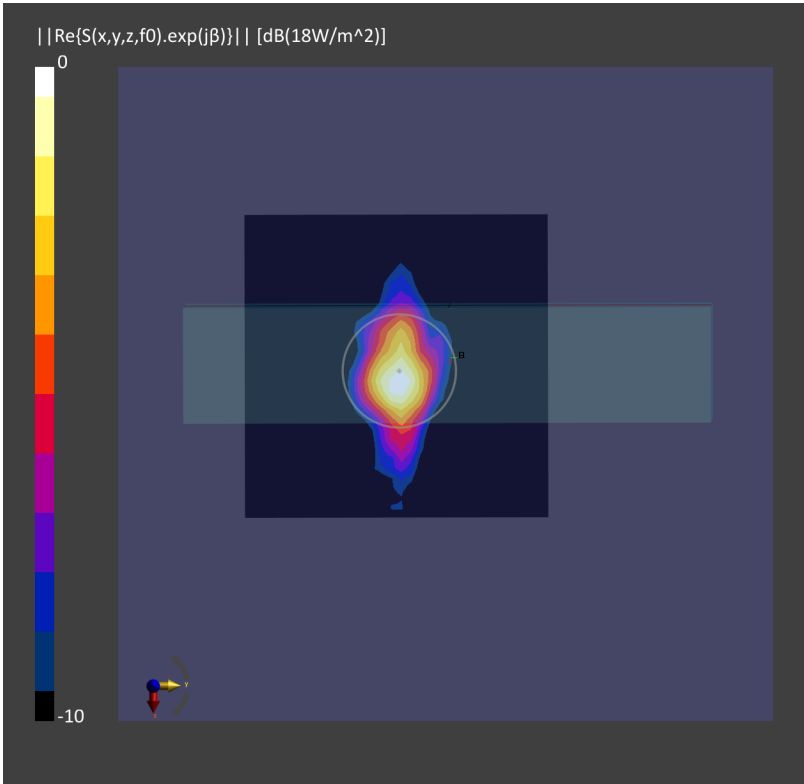
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1-78GHz, 2020-11-24	DAE4 Sn853, 2021-07-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2021-10-28, 07:10
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	5.96
psPDtot+ [W/m ²]	6.58
H _{max} [A/m]	0.217
E _{max} [V/m]	83.6
max(Stot) [W/m ²]	18.0
Power Drift [dB]	-0.01



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Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	TOP, 10.00	38500.0	1.0

Hardware Setup

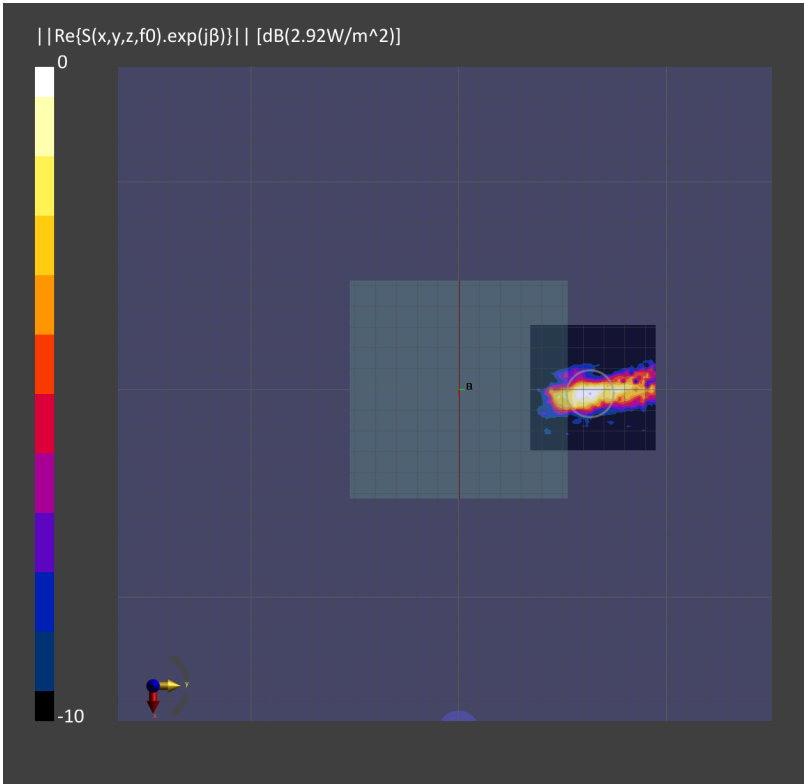
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1-78GHz, 2020-11-24	DAE4 Sn853, 2021-07-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2021-10-27, 03:40
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.27
psPDtot+ [W/m ²]	1.42
H _{max} [A/m]	0.094
E _{max} [V/m]	34.2
max(Stot) [W/m ²]	2.92
Power Drift [dB]	-0.08



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Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	Bottom, 10.00	38500.0	1.0

Hardware Setup

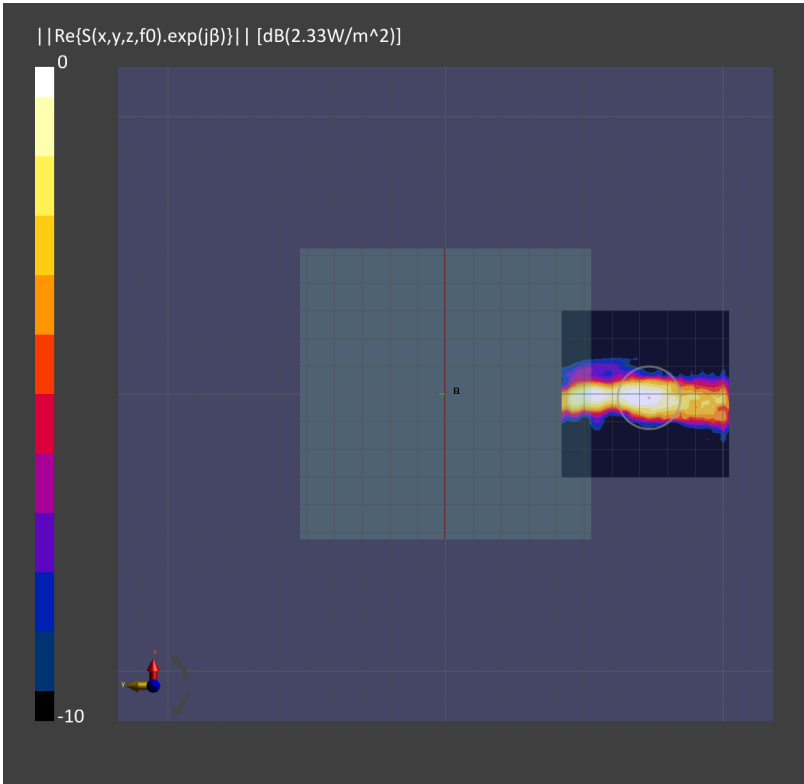
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1-78GHz, 2020-11-24	DAE4 Sn853, 2021-07-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2021-10-27, 18:19
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.09
psPDtot+ [W/m ²]	1.25
H _{max} [A/m]	0.078
E _{max} [V/m]	31.5
max(Stot) [W/m ²]	2.33
Power Drift [dB]	-0.12



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Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	EDGE RIGHT, 10.00	38500.0	1.0

Hardware Setup

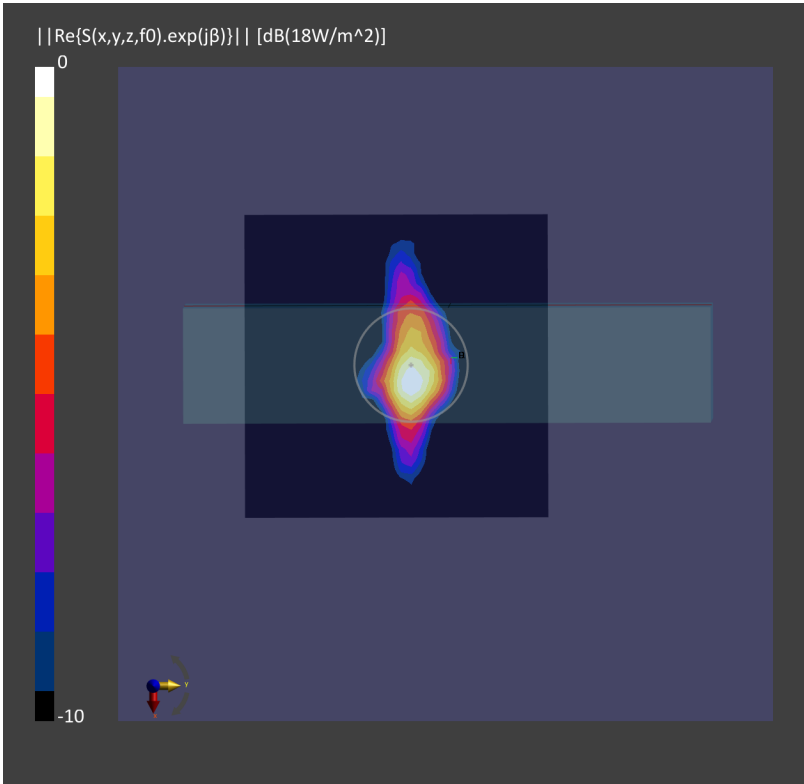
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1-78GHz, 2020-11-24	DAE4 Sn853, 2021-07-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2021-10-28, 04:51
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	6.59
psPDtot+ [W/m ²]	7.09
H _{max} [A/m]	0.226
E _{max} [V/m]	90.2
max(Stot) [W/m ²]	20.2
Power Drift [dB]	0.09



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5G	Bottom, 10.00	38500.0	1.0

Hardware Setup

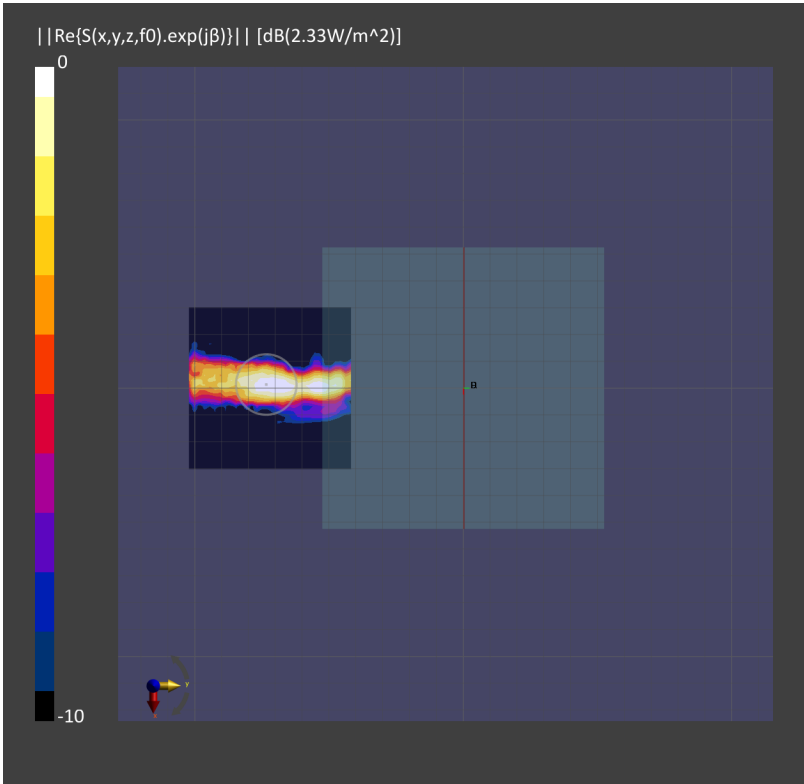
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1-78GHz, 2020-11-24	DAE4 Sn853, 2021-07-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2021-10-27, 18:19
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.09
psPDtot+ [W/m ²]	1.59
H _{max} [A/m]	0.078
E _{max} [V/m]	31.5
max(Stot) [W/m ²]	2.33
Power Drift [dB]	-0.12



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Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1-78GHz, 2020-11-24	DAE4 Sn853, 2021-07-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2021-10-27, 20:33
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.73
psPDtot+ [W/m ²]	1.84
H _{max} [A/m]	0.103
E _{max} [V/m]	40.2
max(Stot) [W/m ²]	4.11
Power Drift [dB]	-0.03

