

Measurement Report for Device
Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	104.0 x 104.0 x 21.5		Hotspot

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	EDGE LEFT, 10.00	27925.0	1.0

Hardware Setup

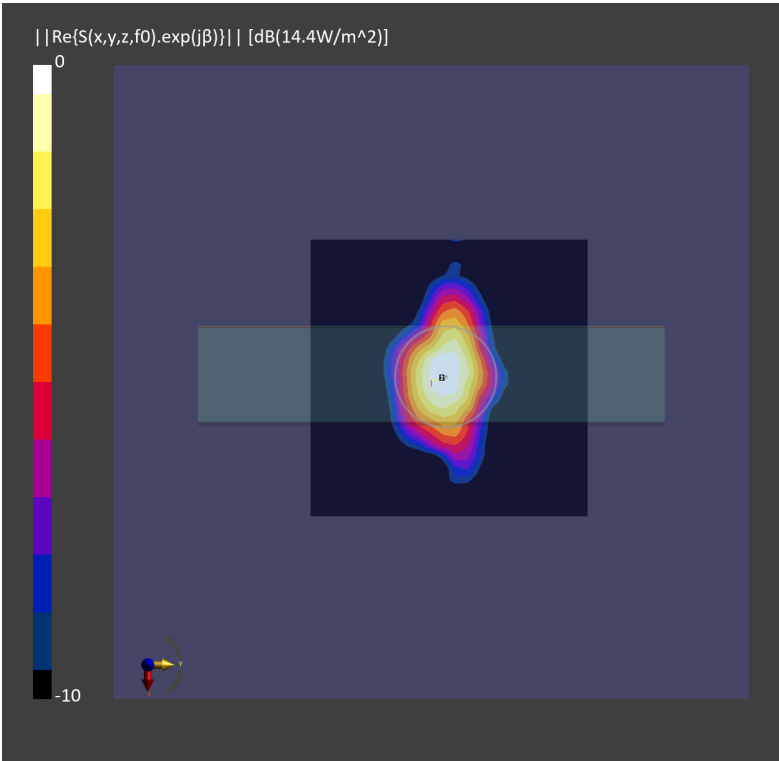
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1–55GHz, 2021–11–24	DAE4 Sn376, 2021–11–22

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	2022–09–17
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	7.57
psPDtot+ [W/m ²]	7.92
H _{max} [A/m]	0.193
E _{max} [V/m]	76.8
max(Stot) [W/m ²]	14.4
Power Drift [dB]	–0.10



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Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	FRONT, 10.00	27925.0	1.0

Hardware Setup

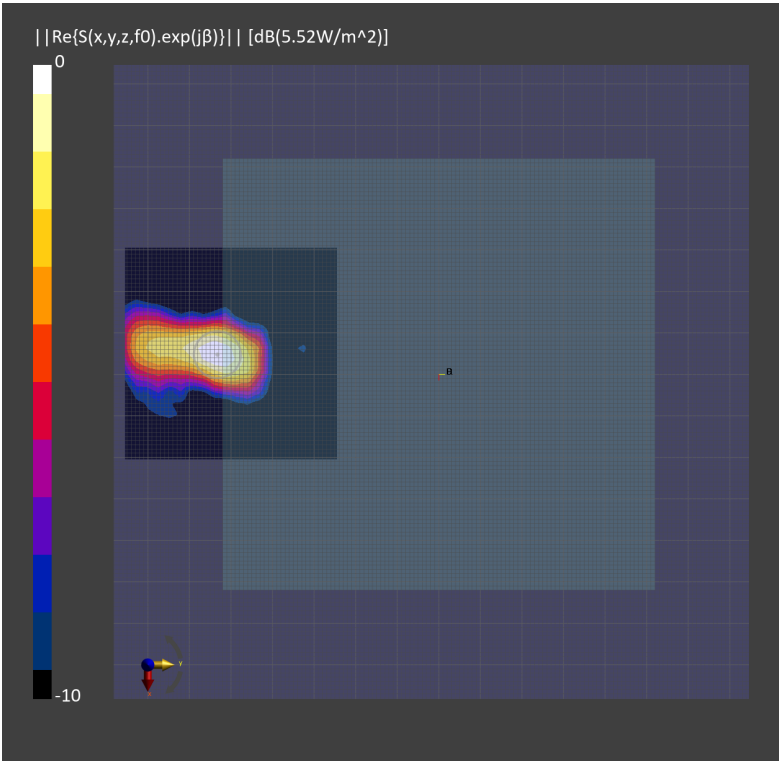
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1–55GHz, 2021–11–24	DAE4 Sn376, 2021–11–22

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	50.0 x 50.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2022–09–17
Avg. Area [cm ²]	1.00
psPDn+ [W/m ²]	4.22
psPDtot+ [W/m ²]	4.28
H _{max} [A/m]	0.122
E _{max} [V/m]	47.4
max(Stot) [W/m ²]	5.52
Power Drift [dB]	0.10



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Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	BACK, 10.00	27925.0	1.0

Hardware Setup

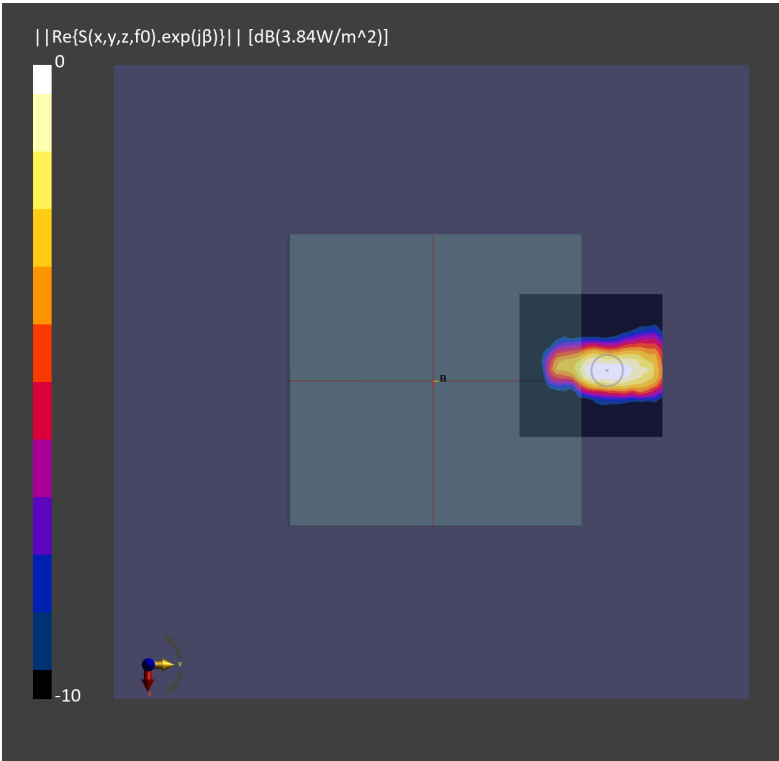
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1–55GHz, 2021–11–24	DAE4 Sn376, 2021–11–22

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	50.0 x 50.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2022–09–17
Avg. Area [cm ²]	1.00
psPDn+ [W/m ²]	3.11
psPDtot+ [W/m ²]	3.21
H _{max} [A/m]	0.098
E _{max} [V/m]	39.9
max(Stot) [W/m ²]	3.84
Power Drift [dB]	–0.01



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Device,	104.0 x 104.0 x 21.5		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	EDGE LEFT, 10.00	27925.0	1.0

Hardware Setup

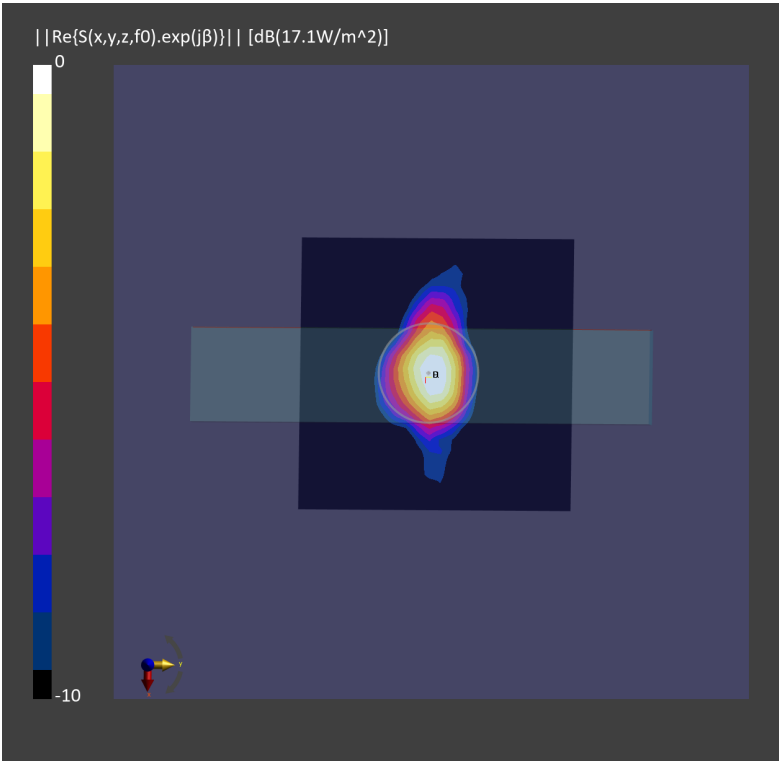
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1–55GHz, 2021–11–24	DAE4 Sn376, 2021–11–22

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	2022–09–17
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	7.55
psPDtot+ [W/m ²]	8.01
H _{max} [A/m]	0.213
E _{max} [V/m]	82.7
max(Stot) [W/m ²]	17.1
Power Drift [dB]	–0.02



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Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	FRONT, 10.00	27925.0	1.0

Hardware Setup

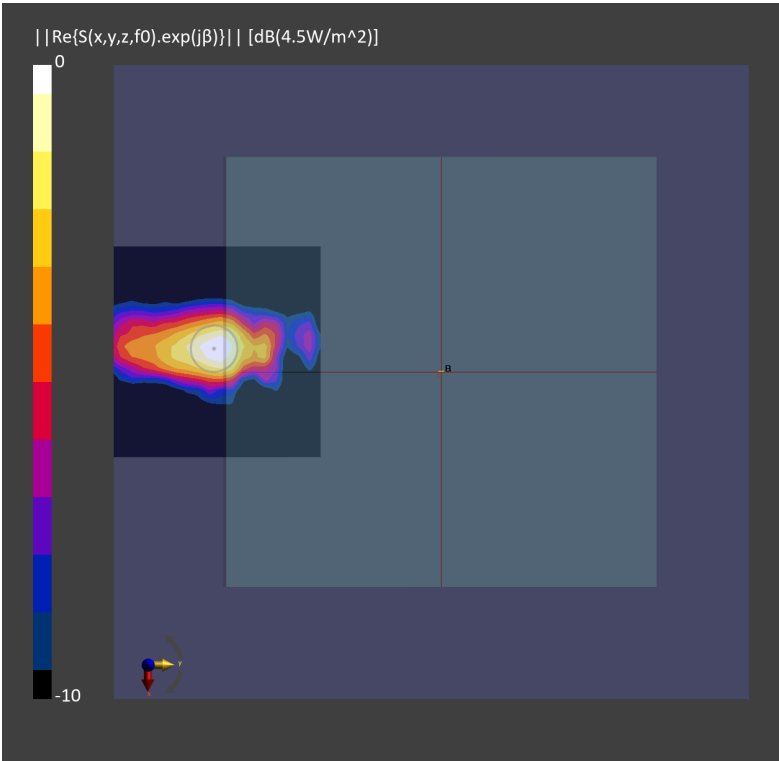
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1–55GHz, 2021–11–24	DAE4 Sn376, 2021–11–22

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	50.0 x 50.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2022–09–17
Avg. Area [cm ²]	1.00
psPDn+ [W/m ²]	3.38
psPDtot+ [W/m ²]	3.48
H _{max} [A/m]	0.110
E _{max} [V/m]	41.6
max(Stot) [W/m ²]	4.50
Power Drift [dB]	–0.03



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Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	BACK, 10.00	27925.0	1.0

Hardware Setup

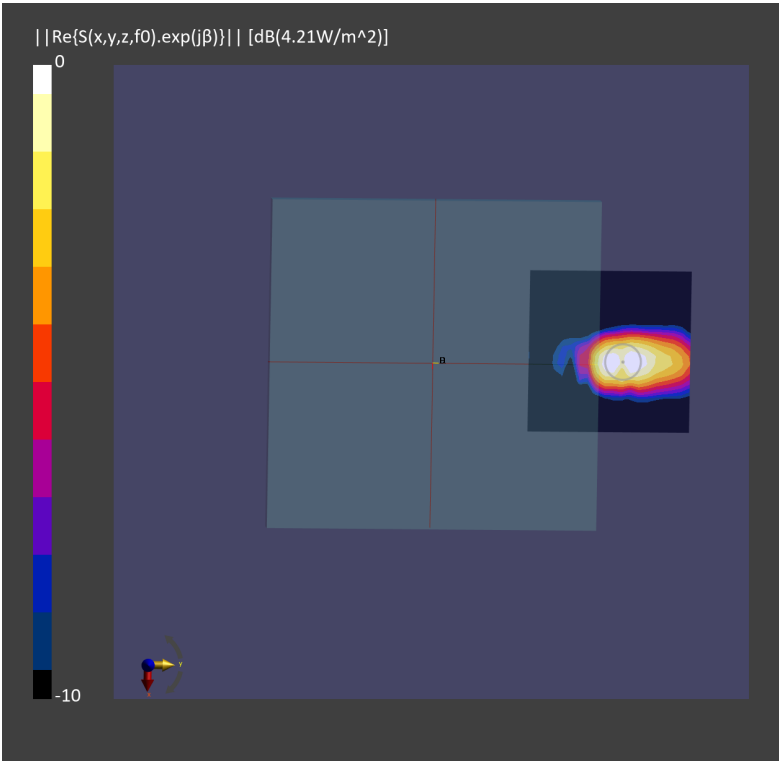
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1–55GHz, 2021–11–24	DAE4 Sn376, 2021–11–22

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	50.0 x 50.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2022–09–17
Avg. Area [cm ²]	1.00
psPDn+ [W/m ²]	3.33
psPDtot+ [W/m ²]	3.42
H _{max} [A/m]	0.113
E _{max} [V/m]	44.3
max(Stot) [W/m ²]	4.21
Power Drift [dB]	0.09



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Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	EDGE RIGHT, 10.00	27925.0	1.0

Hardware Setup

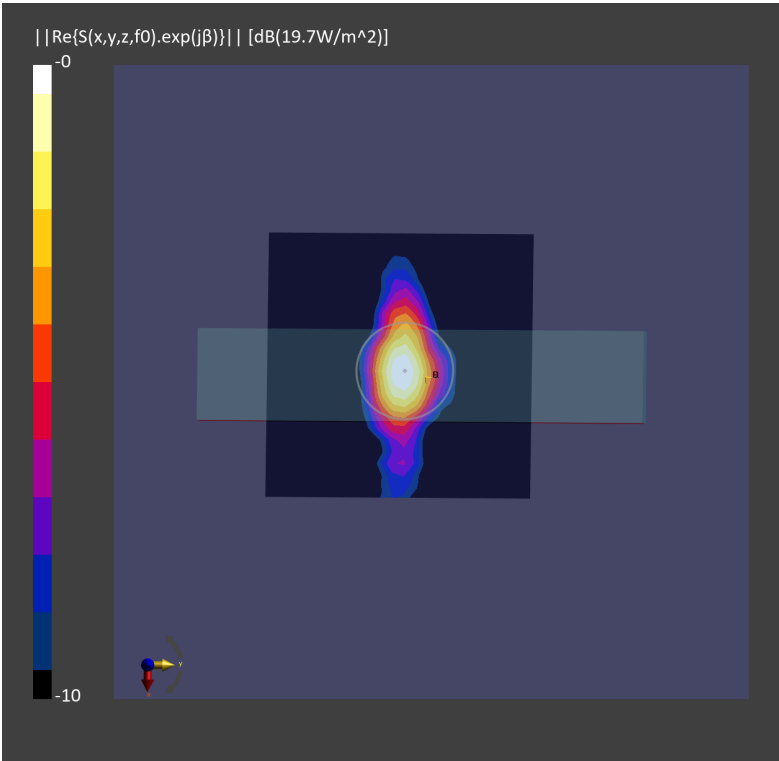
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1–55GHz, 2021–11–24	DAE4 Sn376, 2021–11–22

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	2022–09–17
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	8.34
psPDtot+ [W/m ²]	8.75
H _{max} [A/m]	0.223
E _{max} [V/m]	89.3
max(Stot) [W/m ²]	19.7
Power Drift [dB]	0.00



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Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	FRONT, 10.00	27925.0	1.0

Hardware Setup

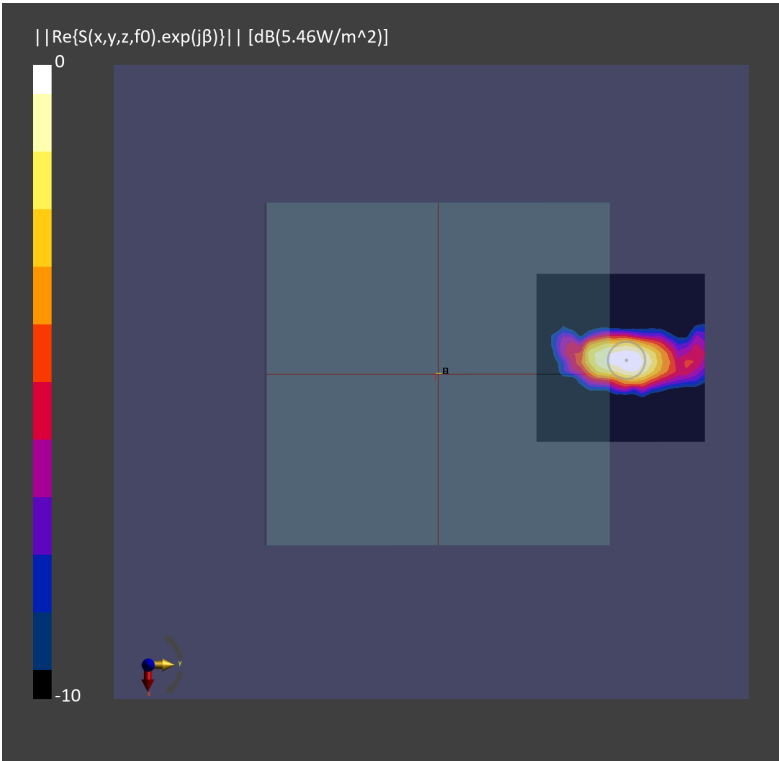
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1–55GHz, 2021–11–24	DAE4 Sn376, 2021–11–22

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	50.0 x 50.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2022–09–17
Avg. Area [cm ²]	1.00
psPDn+ [W/m ²]	4.31
psPDtot+ [W/m ²]	4.38
H _{max} [A/m]	0.117
E _{max} [V/m]	47.4
max(Stot) [W/m ²]	5.46
Power Drift [dB]	–0.02



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5G	BACK, 10.00	27925.0	1.0

Hardware Setup

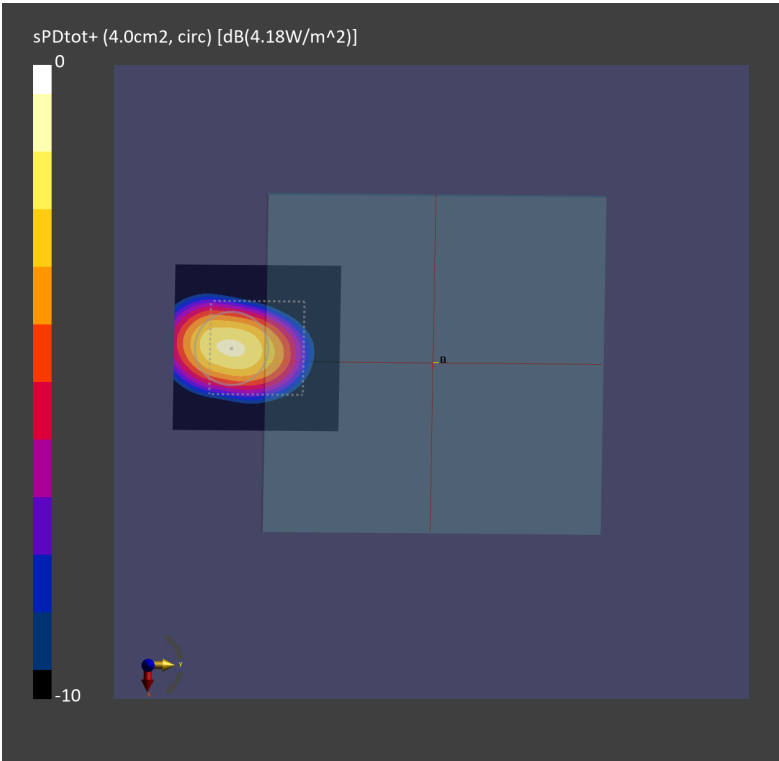
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1–55GHz, 2021–11–24	DAE4 Sn376, 2021–11–22

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	50.0 x 50.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2022–09–17
Avg. Area [cm ²]	1.00
psPDn+ [W/m ²]	4.02
psPDtot+ [W/m ²]	4.18
H _{max} [A/m]	0.116
E _{max} [V/m]	45.0
max(Stot) [W/m ²]	5.14
Power Drift [dB]	0.05



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5G	EDGE RIGHT, 10.00	27925.0	1.0

Hardware Setup

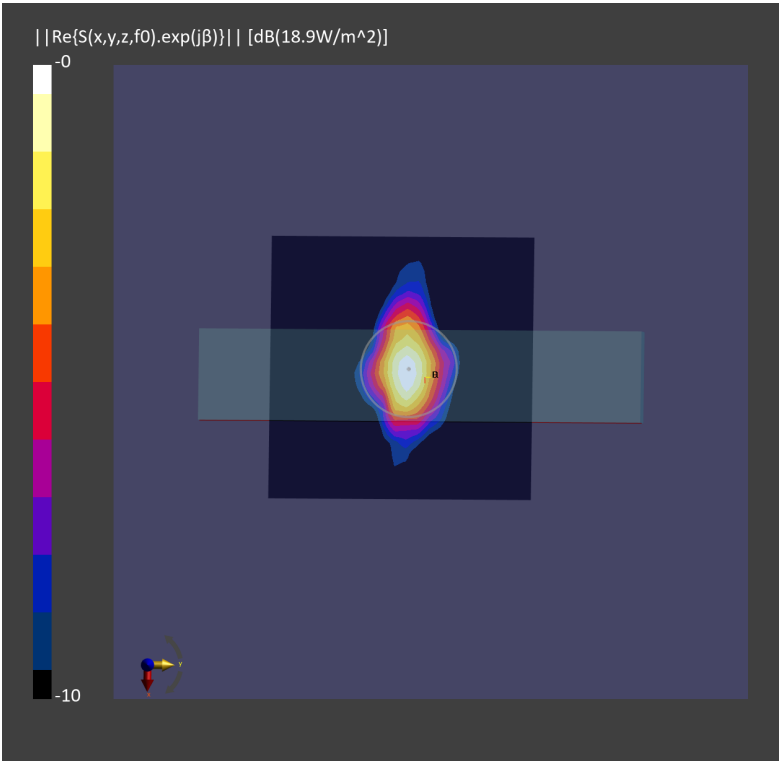
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV4 – SN9441_F1–55GHz, 2021–11–24	DAE4 Sn376, 2021–11–22

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	2022–09–18
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	7.49
psPDtot+ [W/m ²]	8.28
H _{max} [A/m]	0.227
E _{max} [V/m]	85.3
max(Stot) [W/m ²]	18.9
Power Drift [dB]	0.03



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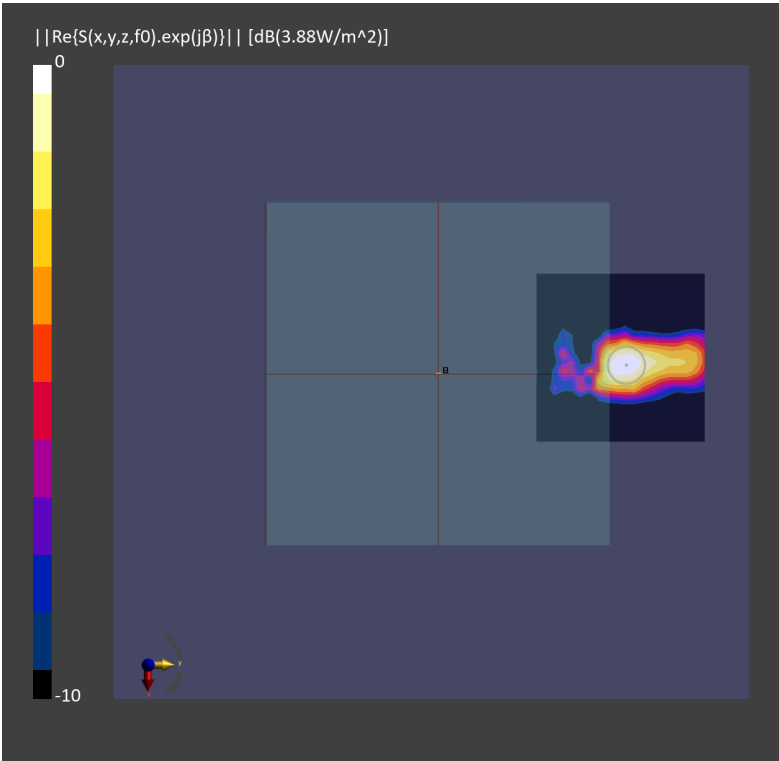
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
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Grid Extents [mm]	50.0 x 50.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2022–09–17
Avg. Area [cm ²]	1.00
psPDn+ [W/m ²]	3.10
psPDtot+ [W/m ²]	3.14
H _{max} [A/m]	0.105
E _{max} [V/m]	40.4
max(Stot) [W/m ²]	3.88
Power Drift [dB]	0.02



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Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	50.0 x 50.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2022–09–17
Avg. Area [cm ²]	1.00
psPDn+ [W/m ²]	3.45
psPDtot+ [W/m ²]	3.67
H _{max} [A/m]	0.114
E _{max} [V/m]	44.4
max(Stot) [W/m ²]	4.46
Power Drift [dB]	–0.00

