

● SAR Test Result

Test SKU: SKU #1 (with INPAQ Antenna)
Antenna-Main, Test Position: Screen

Measurement Report for 16Z90R, Screen, U-NII-8, UID 10756 AAC, Channel 207 (6985.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
16Z90R,	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Screen, 5.00	U-NII-8	WLAN, 10756-AAC	6985.0, 207	5.55	6.69	33.2

Hardware Setup

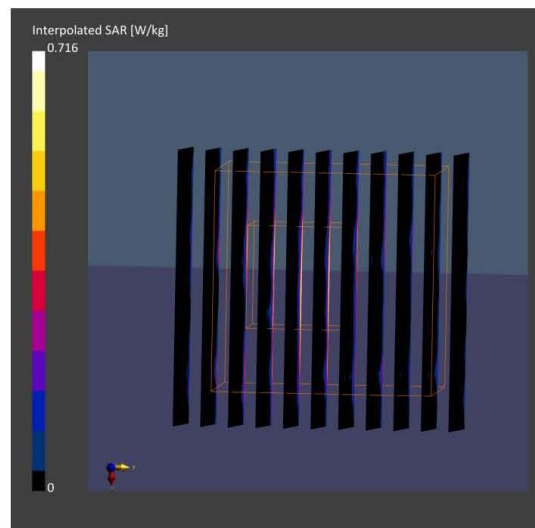
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1170	HBBL-600-10000	EX3DV4 - SN3855, 2022-09-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 255.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	2.7 x 2.7 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.2
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-20	2022-10-20
psSAR1g [W/kg]	0.075	0.121
psSAR10g [W/kg]	0.015	0.033
psAPD (1.0cm ² , sq) [W/m ²]		1.21
psAPD (4.0cm ² , sq) [W/m ²]		0.765
Power Drift [dB]	0.16	1.16
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Nocorrection	No correction
M2/M1 [%]		63.8
Dist 3dB Peak [mm]		4.3



Antenna Main, Test Position: Bottom

Measurement Report for 16Z90R, Bottom, U-NII-8, UID 10756 AAC, Channel 207 (6985.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
16Z90R,	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom, 0.00	U-NII-8	WLAN, 10756-AAC	6985.0, 207	5.55	6.69	33.2

Hardware Setup

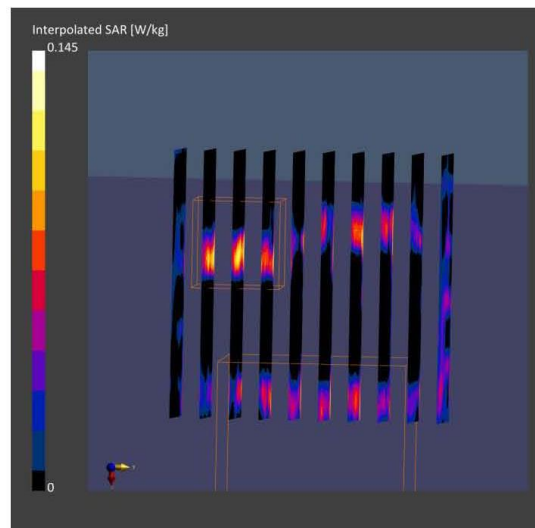
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1170	HBBL-600-10000	EX3DV4 - SN3855, 2022-09-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 255.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-20	2022-10-20
psSAR1g [W/kg]	0.008	0.025
psSAR10g [W/kg]	0.002	0.007
psAPD (1.0cm ² , sq) [W/m ²]		0.248
psAPD (4.0cm ² , sq) [W/m ²]		0.161
Power Drift [dB]	0.39	3.38
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Nocorrection	No correction
M2/M1 [%]		67.2
Dist 3dB Peak [mm]		> 11.0



Test SKU: SKU #1 (with LUXSHARE-ICT Antenna)
Antenna-Main, Test Position: Screen

Measurement Report for 16Z90R, Screen, U-NII-7, UID 10755 AAC, Channel 143 (6665.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
16Z90R,	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Screen, 5.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	5.55	6.39	33.6

Hardware Setup

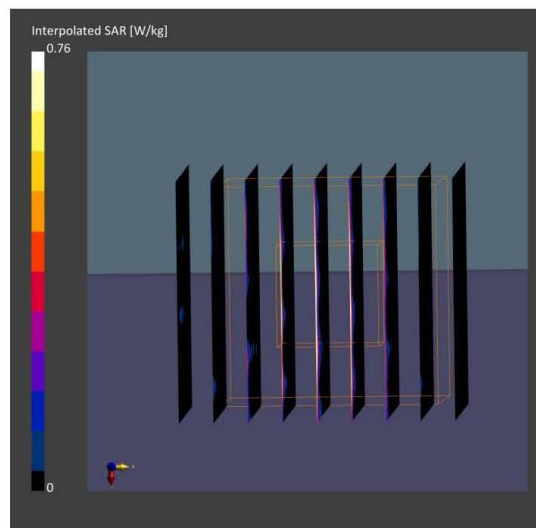
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1170	HBBL-600-10000	EX3DV4 - SN3855, 2022-09-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 255.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-07	2022-12-07
psSAR1g [W/kg]	0.069	0.087
psSAR10g [W/kg]	0.018	0.026
psAPD (1.0cm ² , sq) [W/m ²]		0.871
psAPD (4.0cm ² , sq) [W/m ²]		0.494
Power Drift [dB]	-0.74	-1.42
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		59.9
Dist 3dB Peak [mm]		4.1



Antenna Main, Test Position: Bottom

Measurement Report for 16Z90R, Bottom, U-NII-7, UID 10755 AAC, Channel 143 (6665.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
16Z90R,	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom, 0.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	5.55	6.39	33.6

Hardware Setup

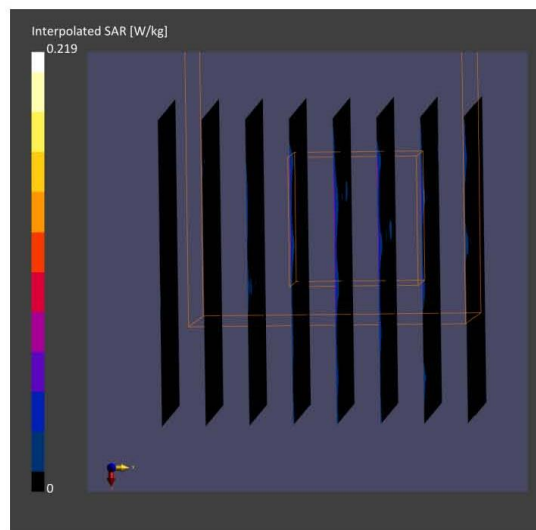
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1170	HBBL-600-10000	EX3DV4 - SN3855, 2022-09-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 255.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-07	2022-12-07
psSAR1g [W/kg]	0.033	0.071
psSAR10g [W/kg]	0.004	0.012
psAPD (1.0cm ² , sq) [W/m ²]		0.708
psAPD (4.0cm ² , sq) [W/m ²]		0.378
Power Drift [dB]	0.71	3.57
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		66.0
Dist 3dB Peak [mm]		4.8



● Worst Case For SAR Test Result

Test SKU: SKU #2 (with INPAQ Antenna Antenna)

Antenna-AUX

Measurement Report for 16Z90R, Screen, U-NII-8, UID 10756 AAC, Channel 207 (6985.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
16Z90R,	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Screen, 5.00	U-NII-8	WLAN, 10756-AAC	6985.0, 207	5.55	6.69	33.2

Hardware Setup

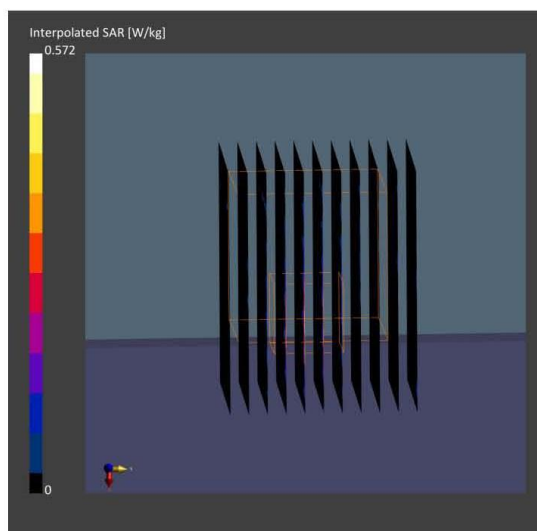
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1170	HBBL-600-10000	EX3DV4 - SN3855, 2022-09-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 255.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	2.7 x 2.7 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.2
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-20	2022-10-20
psSAR1g [W/kg]	0.021	0.053
psSAR10g [W/kg]	0.007	0.013
psAPD (1.0cm2, sq) [W/m2]		0.531
psAPD (4.0cm2, sq) [W/m2]		0.322
Power Drift [dB]	-0.33	0.14
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Nocorrection	No correction
M2/M1 [%]		60.2
Dist 3dB Peak [mm]		4.7



Antenna Main

Measurement Report for 16Z90R, Screen, U-NII-8, UID 10756 AAC, Channel 207 (6985.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
16Z90R,	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Screen, 5.00	U-NII-8	WLAN, 10756-AAC	6985.0, 207	5.55	6.69	33.2

Hardware Setup

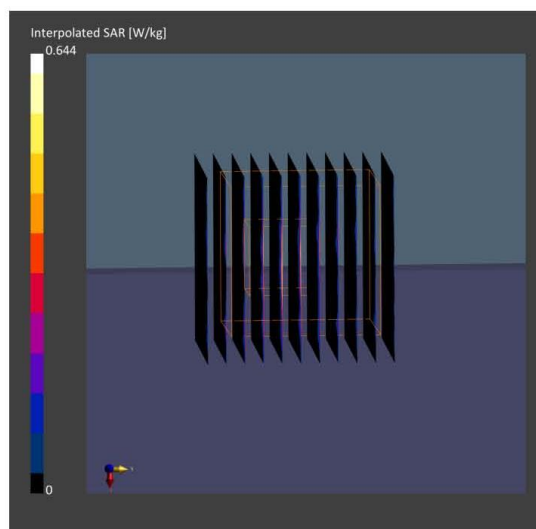
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1170	HBBL-600-10000	EX3DV4 - SN 3855, 2022-09-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 255.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	2.7 x 2.7 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.2
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-20	2022-10-20
psSAR1g [W/kg]	0.062	0.111
psSAR10g [W/kg]	0.012	0.024
psAPD (1.0cm2, sq) [W/m2]		1.11
psAPD (4.0cm2, sq) [W/m2]		0.748
Power Drift [dB]	0.16	1.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	Nocorrection	No correction
M2/M1 [%]		59.1
Dist 3dB Peak [mm]		4.1



Test SKU: SKU #2 (with LUXSHARE-ICT Antenna)
Antenna-AUX

Measurement Report for 16Z90R, Screen, U-NII-7, UID 10755 AAC, Channel 143 (6665.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
16Z90R,	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Screen, 5.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	5.55	6.39	33.6

Hardware Setup

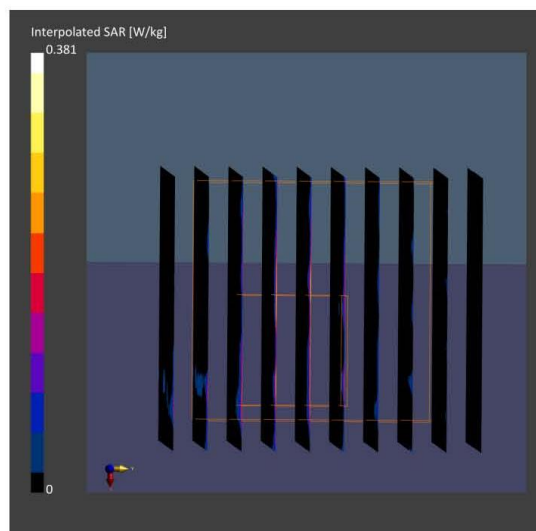
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1170	HBBL-600-10000	EX3DV4 - SN3855, 2022-09-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 255.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.1 x 3.1 x 1.2
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.2
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-27	2022-10-27
psSAR1g [W/kg]	0.052	0.049
psSAR10g [W/kg]	0.013	0.014
psAPD (1.0cm2, sq) [W/m2]		0.494
psAPD (4.0cm2, sq) [W/m2]		0.325
Power Drift [dB]	-3.56	5.39
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.5
Dist 3dB Peak [mm]		3.6



Antenna Main

Measurement Report for 16Z90R, Screen, U-NII-7, UID 10755 AAC, Channel 143 (6665.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
16Z90R,	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Screen, 5.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	5.55	6.39	33.6

Hardware Setup

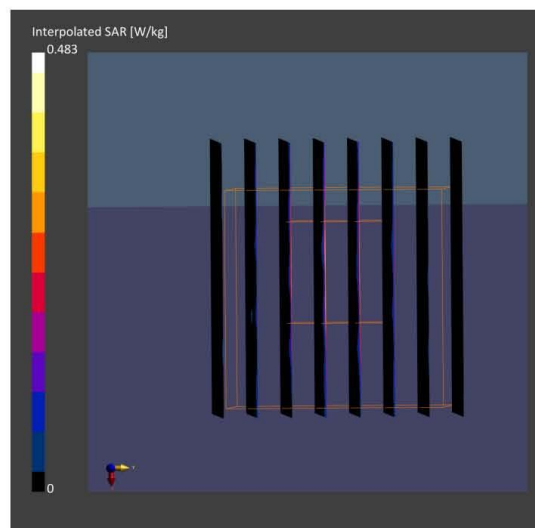
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1170	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN3855, 2022-09-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 255.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-27	2022-10-27
psSAR1g [W/kg]	0.020	0.082
psSAR10g [W/kg]	0	0.023
psAPD (1.0cm ² , sq) [W/m ²]		0.824
psAPD (4.0cm ² , sq) [W/m ²]		0.525
Power Drift [dB]	5.03	-0.40
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		65.3
Dist 3dB Peak [mm]		4.8



● **Power Density Test Result**
Test SKU: SKU #1 (with INPAQ Antenna)
Antenna-AUX

Measurement Report for 16Z90R, Screen, U-NII-5, UID 10755 AAC, Channel 15 (6025.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, 16Z90R	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen, 2.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	1.0

Hardware Setup

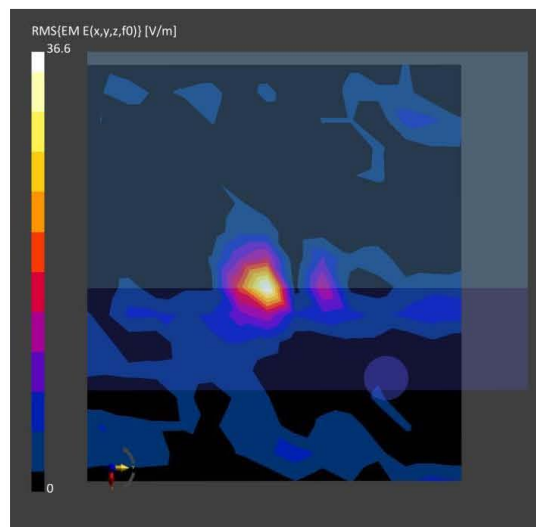
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air---	EUmmWV4 - SN9544_F1-55GHz, 2022-04-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-10-29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.197
psPDtot+ [W/m ²]	0.307
psPDmod+ [W/m ²]	0.582
E _{max} [V/m]	36.6
Power Drift [dB]	0.47



Measurement Report for 16Z90R, Screen, U-NII-5, UID 10755 AAC, Channel 79 (6345.0MHz)**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, 16Z90R	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen, 2.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

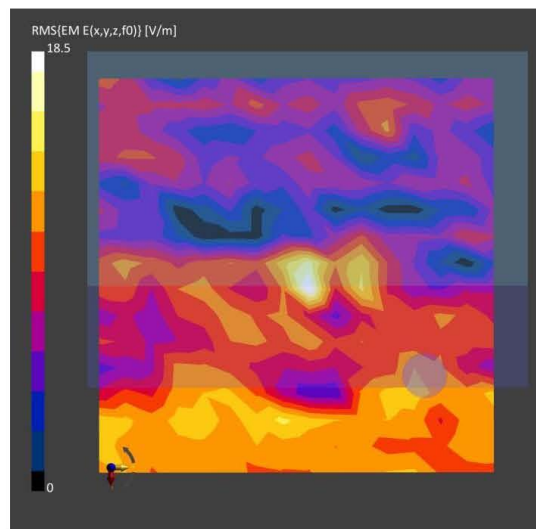
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air---	EUmmWV4 - SN9544_F1-55GHz, 2022-04-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-10-29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.249
psPDtot+ [W/m ²]	0.372
psPDmod+ [W/m ²]	0.398
E _{max} [V/m]	18.5
Power Drift [dB]	0.49



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Measurement Report for 16Z90R, Screen, U-NII-6, UID 10755 AAC, Channel 111 (6505.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, 16Z90R	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen, 2.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

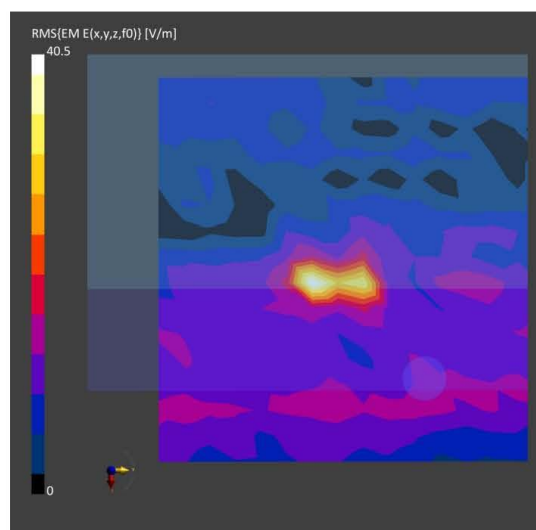
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air---	EUmmWV4 - SN9544_F1-55GHz, 2022-04-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-10-29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.07
psPDtot+ [W/m ²]	1.14
psPDmod+ [W/m ²]	1.36
E _{max} [V/m]	40.5
Power Drift [dB]	-0.04



Measurement Report for 16Z90R, Screen, U-NII-7, UID 10755 AAC, Channel 143 (6665.0MHz)**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, 16Z90R	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen, 2.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	1.0

Hardware Setup

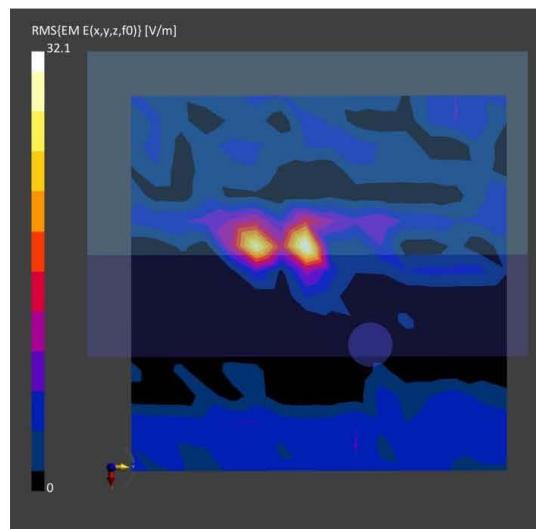
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air---	EUmmWV4 - SN9544_F1-55GHz, 2022-04-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-10-29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.557
psPDtot+ [W/m ²]	0.575
psPDmod+ [W/m ²]	0.781
E _{max} [V/m]	32.1
Power Drift [dB]	2.76



Measurement Report for 16Z90R, Screen, U-NII-8, UID 10755 AAC, Channel 207 (6985.0MHz)**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, 16Z90R	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen, 2.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	1.0

Hardware Setup

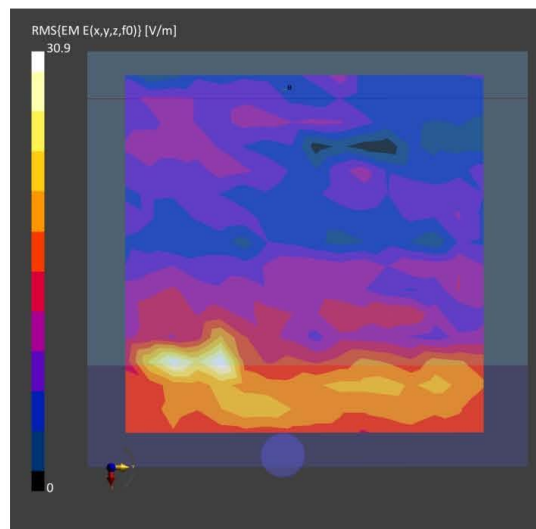
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air---	EUmmWV4 - SN9544_F1-55GHz, 2022-04-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-10-29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.977
psPDtot+ [W/m ²]	1.04
psPDmod+ [W/m ²]	1.09
E _{max} [V/m]	30.9
Power Drift [dB]	51.60



Antenna-Main

Measurement Report for 16Z90R, Screen, U-NII-5, UID 10755 AAC, Channel 15 (6025.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, 16Z90R	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen, 2.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	1.0

Hardware Setup

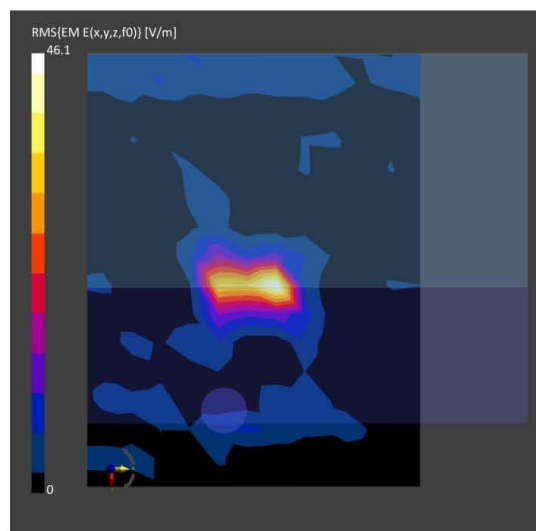
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air---	EUmmWV4 - SN9544_F1-55GHz, 2022-04-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-10-29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.900
psPDtot+ [W/m ²]	1.10
psPDmod+ [W/m ²]	1.37
E _{max} [V/m]	46.1
Power Drift [dB]	0.62



Measurement Report for 16Z90R, Screen, U-NII-5, UID 10755 AAC, Channel 79 (6345.0MHz)**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, 16Z90R	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen, 2.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

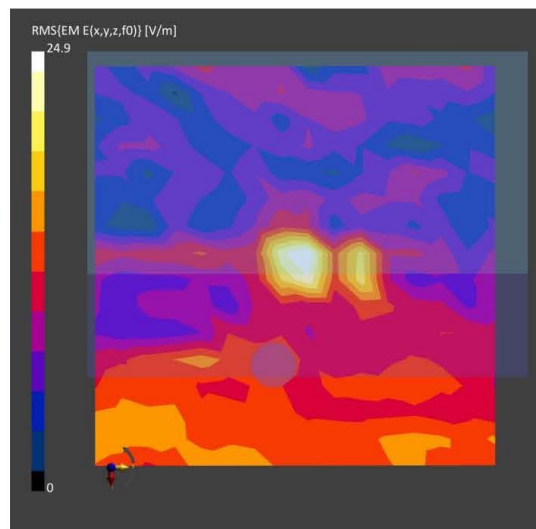
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air---	EUmmWV4 - SN9544_F1-55GHz, 2022-04-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-10-29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.534
psPDtot+ [W/m ²]	0.656
psPDmod+ [W/m ²]	0.753
E _{max} [V/m]	24.9
Power Drift [dB]	0.21



Measurement Report for 16Z90R, Screen, U-NII-6, UID 10755 AAC, Channel 111 (6505.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, 16Z90R	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen, 2.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

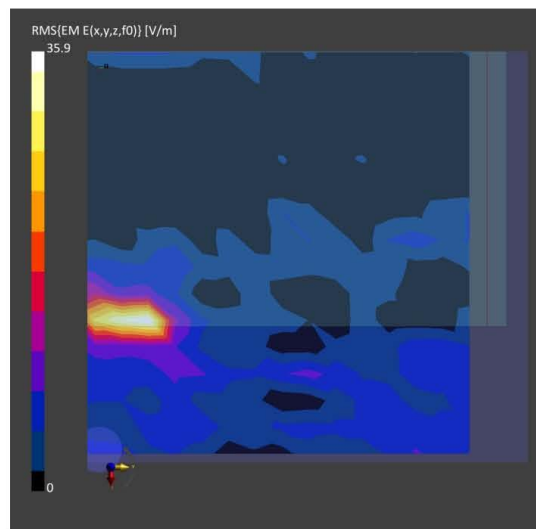
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air---	EUmmWV4 - SN9544_F1-55GHz, 2022-04-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-10-29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.935
psPDtot+ [W/m ²]	1.05
psPDmod+ [W/m ²]	1.22
E _{max} [V/m]	35.9
Power Drift [dB]	n/a



Measurement Report for 16Z90R, Screen, U-NII-7, UID 10755 AAC, Channel 143 (6665.0MHz)**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, 16Z90R	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen, 2.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	1.0

Hardware Setup

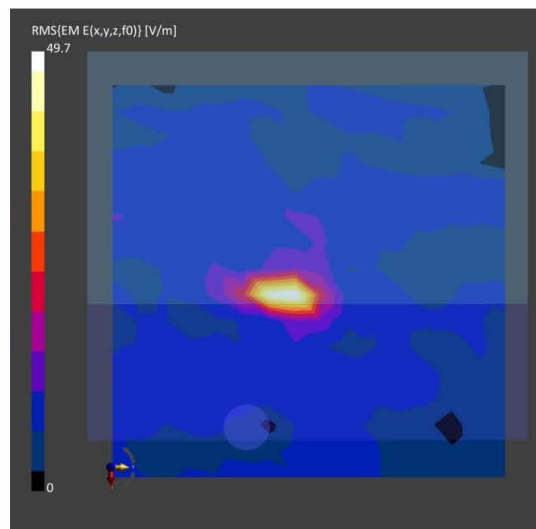
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air---	EUMmWV4 - SN9544_F1-55GHz, 2022-04-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-10-29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.11
psPDtot+ [W/m ²]	1.13
psPDmod+ [W/m ²]	1.96
E _{max} [V/m]	49.7
Power Drift [dB]	0.10



Measurement Report for 16Z90R, Screen, U-NII-8, UID 10755 AAC, Channel 207 (6985.0MHz)**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, 16Z90R	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen, 2.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	1.0

Hardware Setup

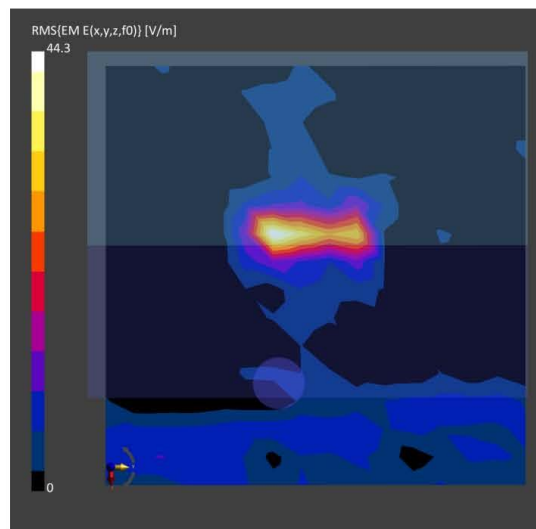
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air---	EUmmWV4 - SN9544_F1-55GHz, 2022-04-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-10-29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.962
psPDtot+ [W/m ²]	1.16
psPDmod+ [W/m ²]	1.64
E _{max} [V/m]	44.3
Power Drift [dB]	0.68



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Test SKU: SKU #1 (with LUXSHARE-ICT Antenna) Antenna-AUX

Measurement Report for 16Z90R, Screen, U-NII-5, UID 10755 AAC, Channel 15 (6025.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, 16Z90R	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen, 2.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	1.0

Hardware Setup

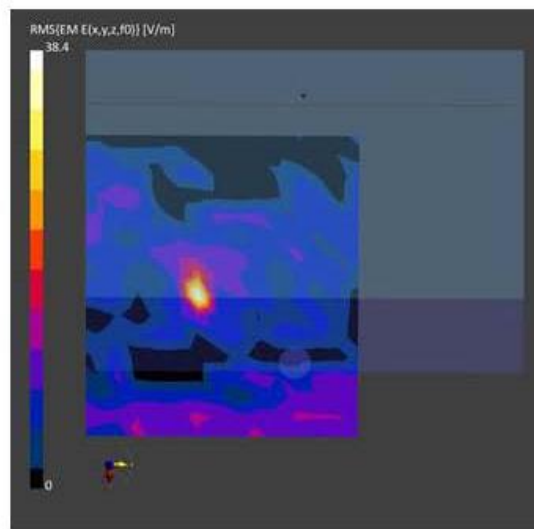
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air---	EUmmWV4 - SN9544_F1-55GHz, 2022-04-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-08
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.979
psPDtot+ [W/m ²]	1.06
psPDmod+ [W/m ²]	3.17
E _{rms} [V/m]	38.4
Power Drift [dB]	-0.14



Measurement Report for 16Z90R, Screen, U-NII-5, UID 10755 AAC, Channel 79 (6345.0MHz)**Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, 16Z90R	355.0 x 240.0 x 8.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen, 2.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air---	EUmmWV4 - SN9544_F1-55GHz, 2022-04-27	DAE4 Sn1337, 2022-03-29

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-08
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.27
psPDtot+ [W/m ²]	1.78
psPDmod+ [W/m ²]	1.96
E _{max} [V/m]	43.6
Power Drift [dB]	-2.21

