

Test item: Beam ID 5_Front View_60480

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	DUT Type
JW-WGA6001	100.0 x 60.0 x 14.0	WiGig USB Dongle

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G Air	FRONT	5.00	60480.0	1.0

Hardware Setup

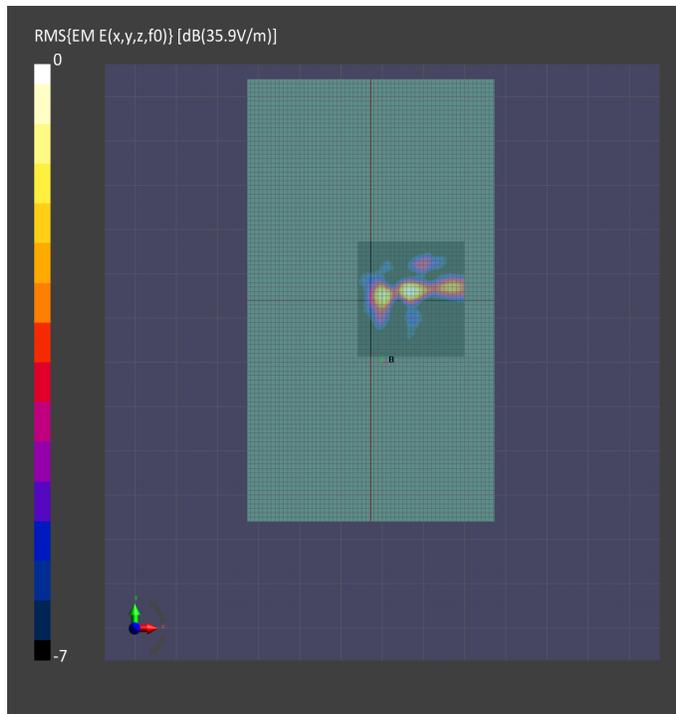
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
5G Cover	--Air-	EUmmWV3 - SN9399, 2018-11-16	DAE4 Sn1260, 2018-11-30

Scan Setup

	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.0
MAIA	-

Measurement Results

	5G Scan
Date	2019-08-14, 19:28
Avg. Area [cm ²]	4.00
pS _{tot} avg [W/m ²]	0.786
pS _n avg [W/m ²]	0.732
E _{peak} [V/m]	35.9
Power Drift [dB]	-0.04



Test item: Beam ID 35_Front View_60480

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	DUT Type
JW-WGA6001	100.0 x 60.0 x 14.0	WiGig USB Dongle

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G Air	FRONT	5.00	60480.0	1.0

Hardware Setup

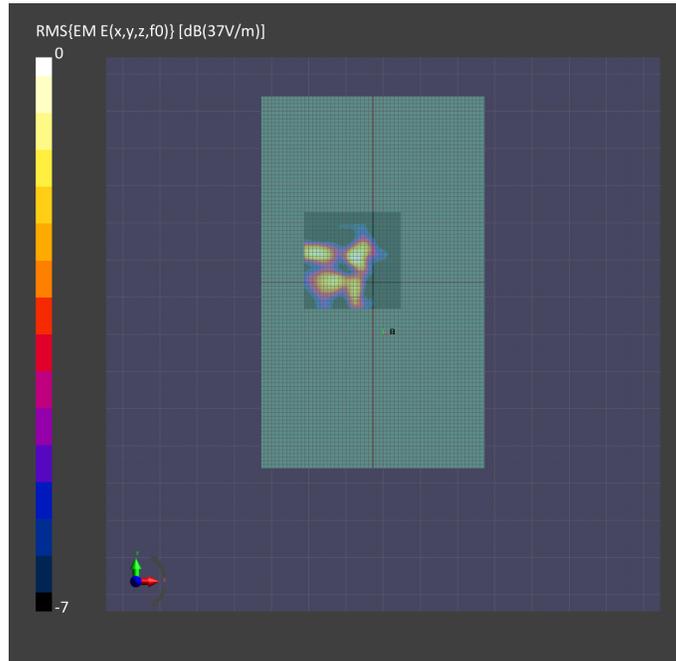
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
5G Cover	--Air--	EUmmWV3 - SN9399, 2018-11-16	DAE4 Sn1260, 2018-11-30

Scan Setup

	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.0
MAIA	-

Measurement Results

	5G Scan
Date	2019-08-14, 20:32
Avg. Area [cm ²]	4.00
pS _{tot} avg [W/m ²]	1.19
pS _n avg [W/m ²]	1.12
E _{peak} [V/m]	37.0
Power Drift [dB]	-0.14



Test item: Beam ID 1_Front View_60480

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	DUT Type
JW-WGA6001	100.0 x 60.0 x 14.0	WiGig USB Dongle

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G Air	FRONT	5.00	60480.0	1.0

Hardware Setup

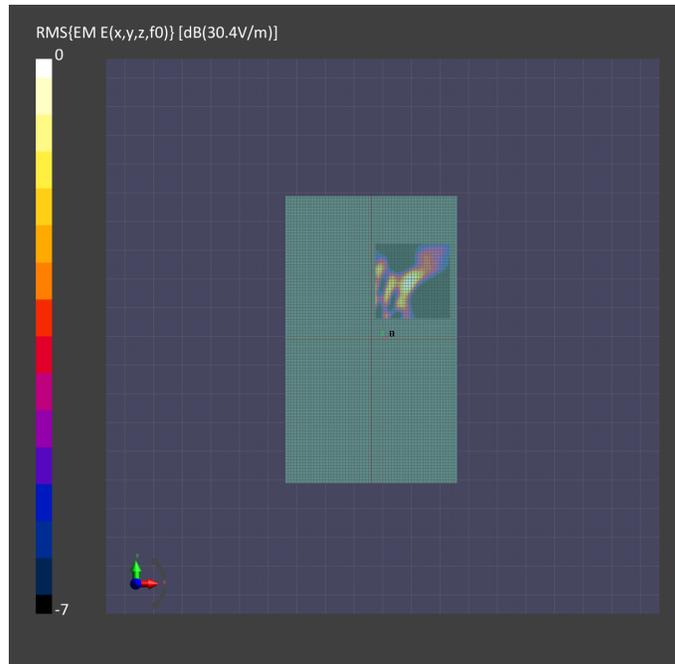
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
5G Cover	--Air-	EUmmWV3 - SN9399, 2018-11-16	DAE4 Sn1260, 2018-11-30

Scan Setup

	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.0
MAIA	-

Measurement Results

	5G Scan
Date	2019-08-14, 21:41
Avg. Area [cm ²]	4.00
pS _{tot} avg [W/m ²]	0.718
pS _n avg [W/m ²]	0.656
E _{peak} [V/m]	30.4
Power Drift [dB]	-0.08



Test item: Beam ID 35_Front View_58320

Name, Manufacturer	Dimensions [mm]	DUT Type
JW-WGA6001	100.0 x 60.0 x 14.0	WiGig USB Dongle

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G Air	FRONT	5.00	58320.0	1.0

Hardware Setup

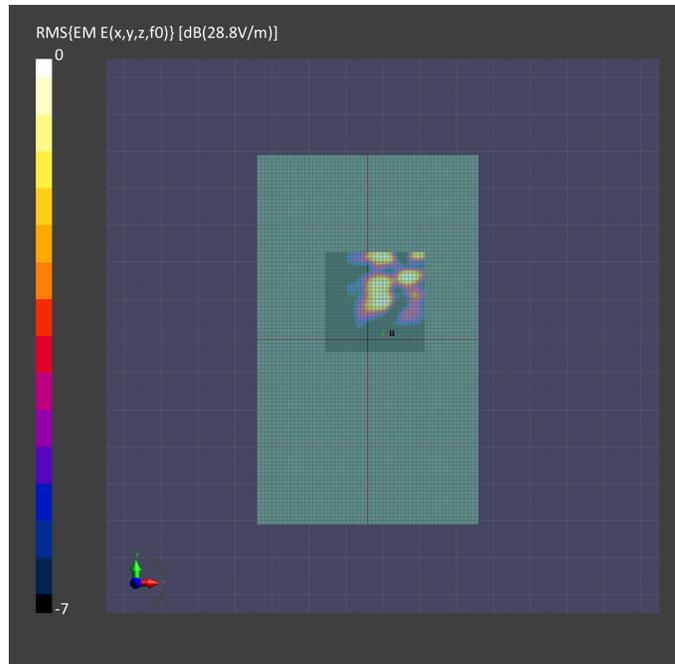
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
5G Cover	--Air-	EUmmWV3 - SN9399, 2018-11-16	DAE4 Sn1260, 2018-11-30

Scan Setup

	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.0
MAIA	-

Measurement Results

	5G Scan
Date	2019-08-15, 00:02
Avg. Area [cm ²]	4.00
pS _{tot} avg [W/m ²]	0.670
pS _n avg [W/m ²]	0.603
E _{peak} [V/m]	28.8
Power Drift [dB]	-0.12



Test item: Beam ID 35_Front View_64800

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	DUT Type
JW-WGA6001	100.0 x 60.0 x 14.0	WiGig USB Dongle

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G Air	FRONT	5.00	64800.0	1.0

Hardware Setup

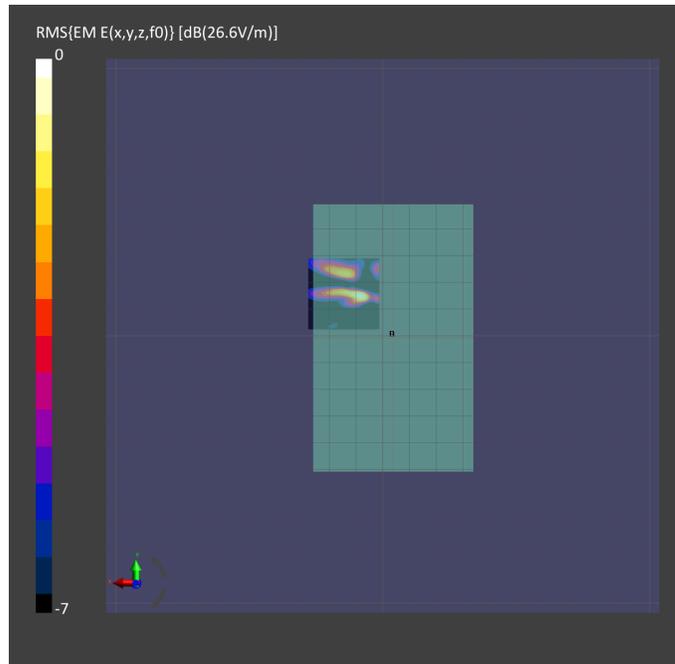
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
5G Cover	--Air-	EUmmWV3 - SN9399, 2018-11-16	DAE4 Sn1260, 2018-11-30

Scan Setup

	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.0
MAIA	-

Measurement Results

	5G Scan
Date	2019-08-15, 01:37
Avg. Area [cm ²]	4.00
pS _{tot} avg [W/m ²]	0.520
pS _n avg [W/m ²]	0.477
E _{peak} [V/m]	26.6
Power Drift [dB]	-0.07



Test item: Beam ID 35_Back View_60480

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	DUT Type
JW-WGA6001	100.0 x 60.0 x 14.0	WiGig USB Dongle

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G Air	BACK	5.00	60480.0	1.0

Hardware Setup

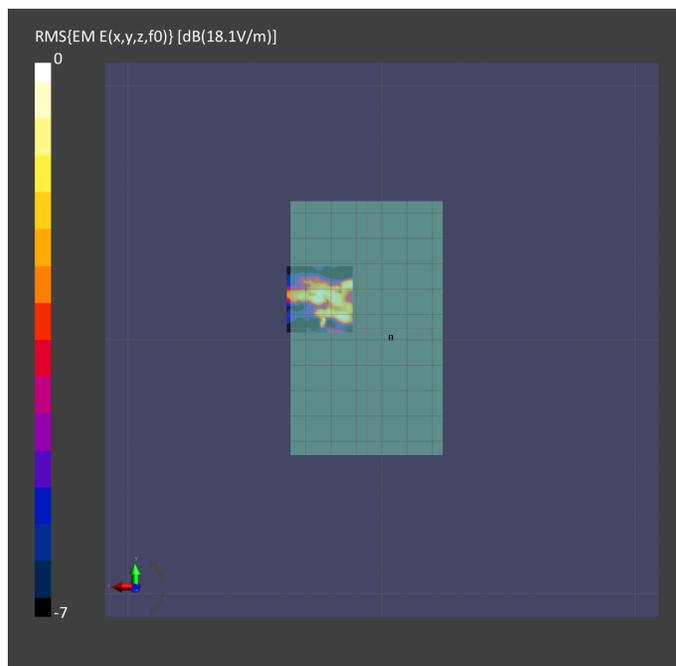
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
5G Cover	--Air--	EUmmWV3 - SN9399, 2018-11-16	DAE4 Sn1260, 2018-11-30

Scan Setup

	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.0
MAIA	-

Measurement Results

	5G Scan
Date	2019-08-15, 12:44
Avg. Area [cm ²]	4.00
pS _{tot} avg [W/m ²]	0.368
pS _n avg [W/m ²]	0.333
E _{peak} [V/m]	18.1
Power Drift [dB]	-0.11



Test item: Beam ID 35_Left Side_60480

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	DUT Type
JW-WGA6001	100.0 x 40.0 x 10.0	WiGig USB Dongle

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G Air	LEFT	5.00	60480.0	1.0

Hardware Setup

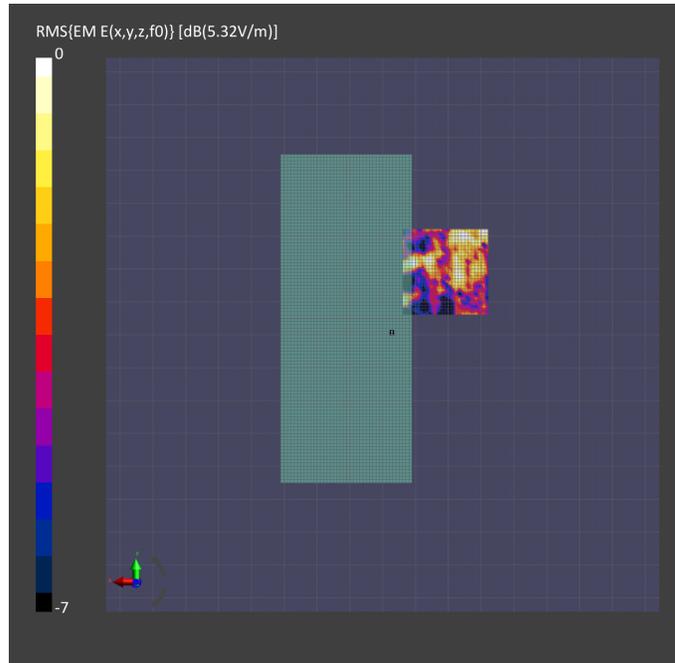
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
5G Cover	--Air-	EUmmWV3 - SN9399, 2018-11-16	DAE4 Sn1260, 2018-11-30

Scan Setup

	5G Scan
Grid Extents [mm]	25.0 x 255.32.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.0
MAIA	-

Measurement Results

	5G Scan
Date	2019-08-15, 19:08
Avg. Area [cm ²]	4.00
pS _{tot} avg [W/m ²]	0.030
pS _n avg [W/m ²]	0.023
E _{peak} [V/m]	-
Power Drift [dB]	0.11



Test item: Beam ID 35_Right Side_60480

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	DUT Type
JW-WGA6001	100.0 x 40.0 x 10.0	WiGig USB Dongle

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G Air	RIGHT	5.00	60480.0	1.0

Hardware Setup

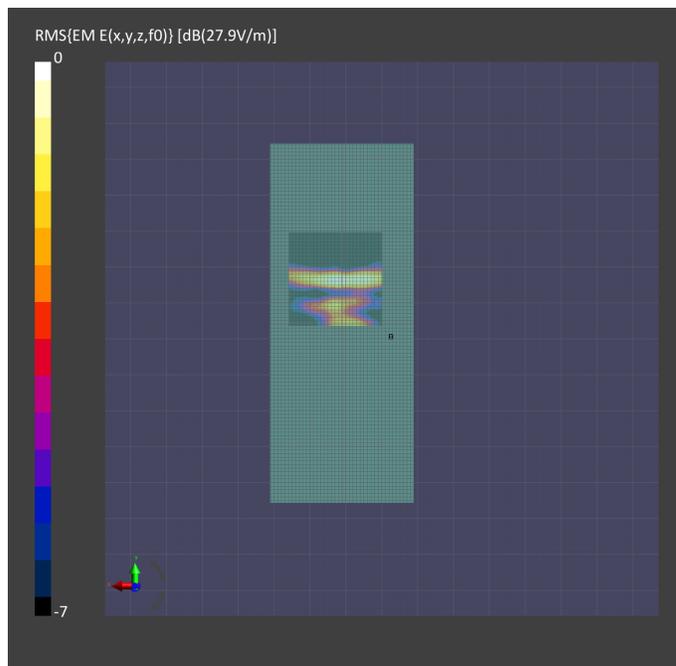
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
5G Cover	--Air-	EUmmWV3 - SN9399, 2018-11-16	DAE4 Sn1260, 2018-11-30

Scan Setup

	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.0
MAIA	-

Measurement Results

	5G Scan
Date	2019-08-15, 18:08
Avg. Area [cm ²]	4.00
pS _{tot} avg [W/m ²]	0.751
pS _n avg [W/m ²]	0.710
E _{peak} [V/m]	27.9
Power Drift [dB]	-0.13



Test item: Beam ID 35_Bottom Side_60480

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	DUT Type
JW-WGA6001	60.0 x 60.0 x 10.0	WiGig USB Dongle

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G Air	FRONT	5.00	60480.0	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
5G Cover	--Air-	EUmmWV3 - SN9399, 2018-11-16	DAE4 Sn1260, 2018-11-30

Scan Setup

	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.0
MAIA	-

Measurement Results

	5G Scan
Date	2019-08-15, 13:52
Avg. Area [cm ²]	4.00
pS _{tot} avg [W/m ²]	0.125
pS _n avg [W/m ²]	0.107
E _{peak} [V/m]	11.1
Power Drift [dB]	-0.11

