

ANNEX A – TEST PLOTS

Plots of System Check

Measurement Report for Device, FRONT, Validation band, CW, Channel 10000 (10000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	100.0 x 100.0 x 100.0		Dipole

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 10.00	Validation band	CW, 0--	10000.0, 10000	1.0

Hardware Setup

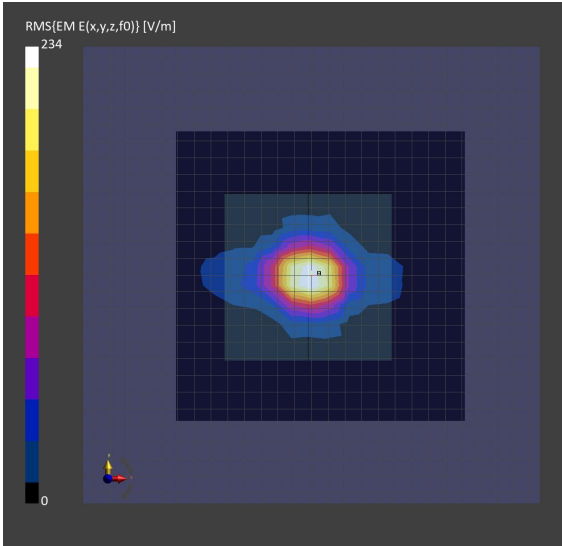
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1087	Air -	EUmmWV4 - SN9533_F1-55GHz, 2023-8-18	DAE4 Sn546, 2023-09-15

Scans Setup

Scan Type	5G
Scan	
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.15 x 0.15
Sensor Surface [mm]	10.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2024-08-08, 7:36
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	143
psPDtot+ [W/m ²]	148
psPDmod+ [W/m ²]	151
E _{max} [V/m]	234
Power Drift [dB]	-0.14



Measurement Report for Device, EDGE LEFT, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 47 (6185.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	165.0 x 76.0 x 16.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE LEFT, 2.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	1.0

Hardware Setup

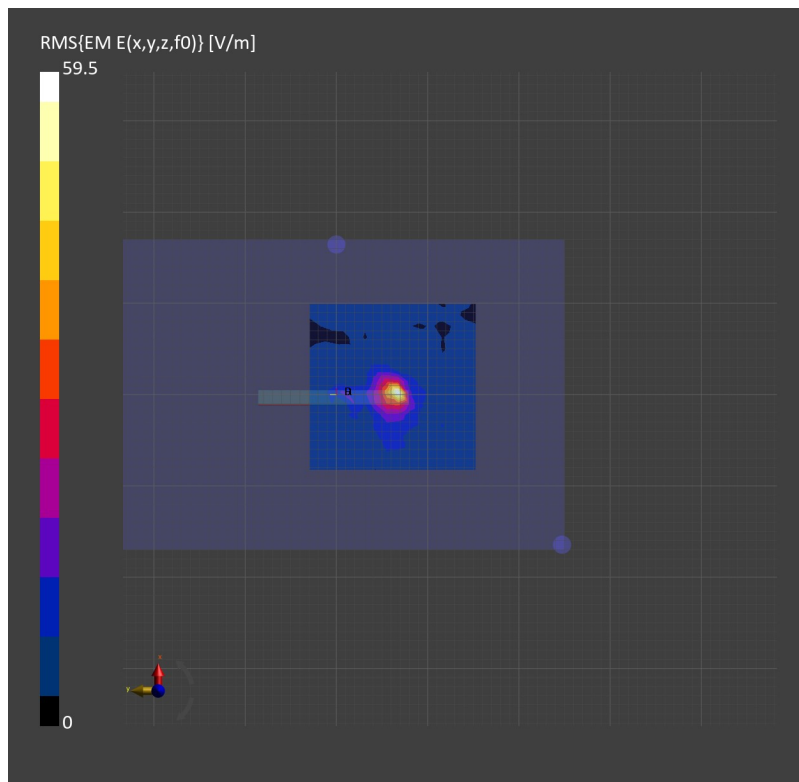
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1087	Air –	EUmmWV4 – SN9533_F1–55GHz,2023–8–18	DAE4 Sn546, 2023–09–15

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2024–08–08, 12:34
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.55
psPDtot+ [W/m ²]	2.03
psPDmod+ [W/m ²]	2.49
E _{max} [V/m]	59.6
Power Drift [dB]	0.02



Measurement Report for Device, EDGE LEFT, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 79 (6345.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	165.0 x 76.0 x 16.0		Phone

Exposure Conditions

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

Hardware Setup

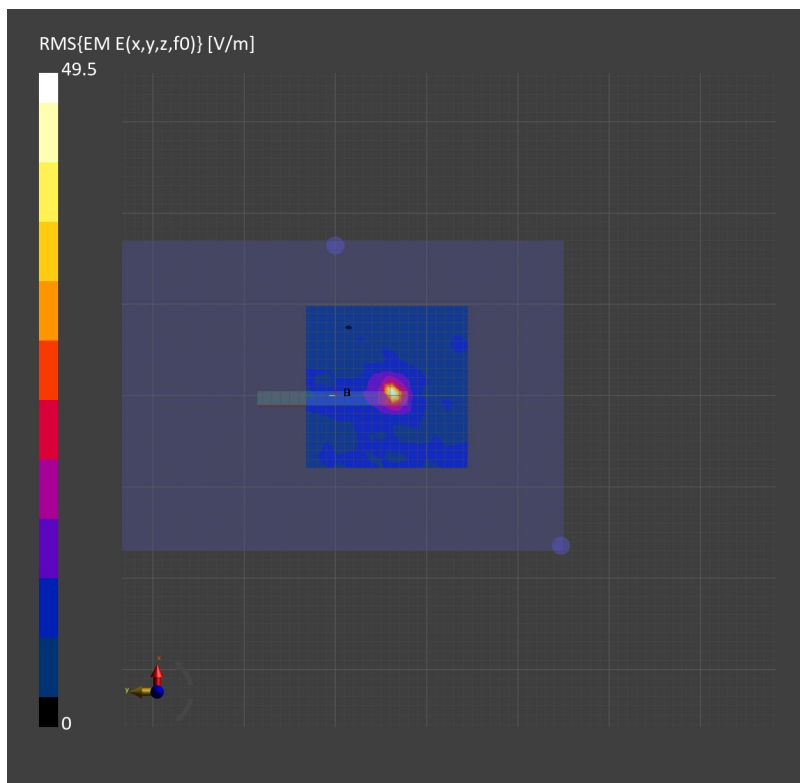
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1087	Air –	EUmmWV4 – SN9533_F1–55GHz,2023–8–18	DAE4 Sn546, 2023–09–15

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2024–08–08, 13:17
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.906
psPDtot+ [W/m ²]	1.77
psPDmod+ [W/m ²]	1.94
E _{max} [V/m]	49.5
Power Drift [dB]	–0.10



Measurement Report for Device, EDGE RIGHT, U-NII-6, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 111 (6505.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	165.0 x 76.0 x 16.0		Phone

Exposure Conditions

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

Hardware Setup

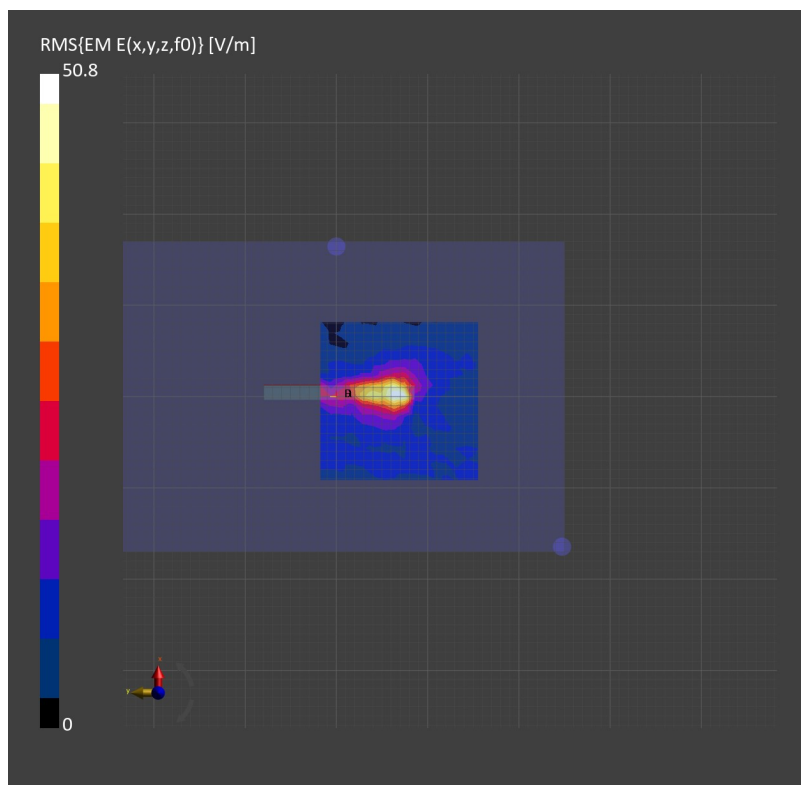
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1087	Air –	EUmmWV4 – SN9533_F1-55GHz,2023-8-18	DAE4 Sn546, 2023-09-15

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2024-08-08, 10:30
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.66
psPDtot+ [W/m ²]	3.00
psPDmod+ [W/m ²]	3.59
E _{max} [V/m]	50.8
Power Drift [dB]	-0.07



Measurement Report for Device, EDGE RIGHT, U-NII-7, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 175 (6825.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	165.0 x 76.0 x 16.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE RIGHT, 2.00	U-NII-7	WLAN, 10755-AAC	6825.0, 175	1.0

Hardware Setup

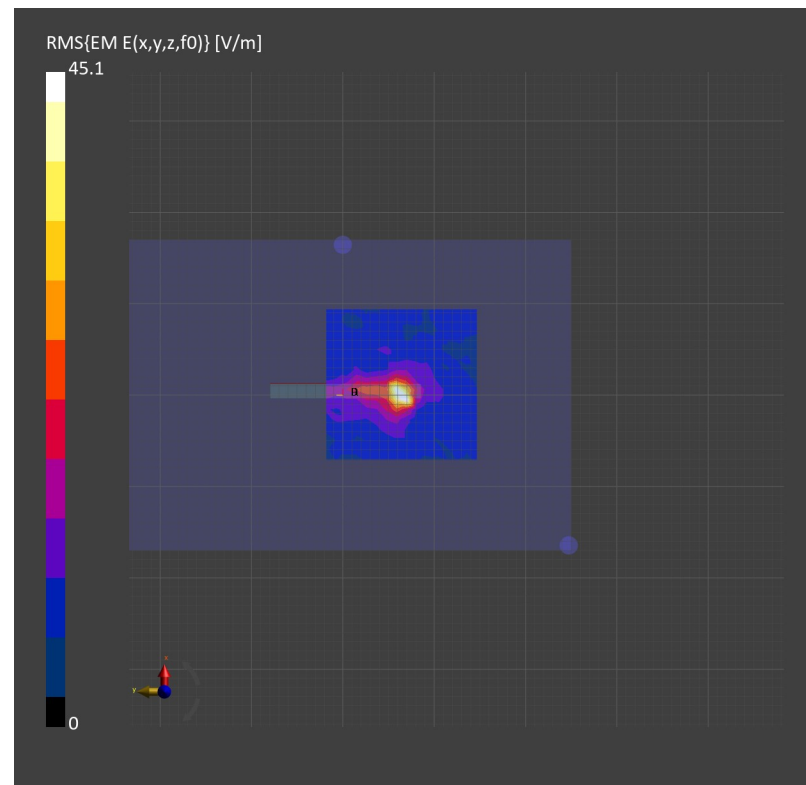
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1087	Air -	EUmmWV4 - SN9533_F1-55GHz,2023-8-18	DAE4 Sn546, 2023-09-15

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2024-08-08, 11:03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.08
psPDtot+ [W/m ²]	2.32
psPDmod+ [W/m ²]	2.77
E _{max} [V/m]	45.1
Power Drift [dB]	0.03



Measurement Report for Device, EDGE RIGHT, U-NII-8, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 207 (6985.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	165.0 x 76.0 x 16.0		Phone

Exposure Conditions

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

Hardware Setup

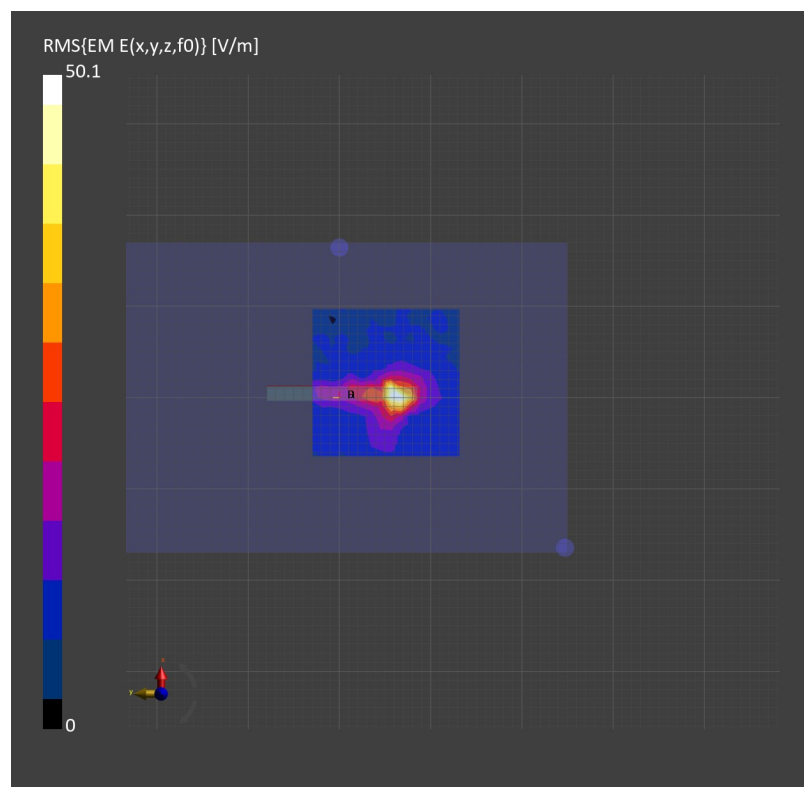
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1087	Air -	EUmmWV4 - SN9533_F1-55GHz,2023-8-18	DAE4 Sn546, 2023-09-15

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2024-08-08, 11:36
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.70
psPDtot+ [W/m ²]	3.15
psPDmod+ [W/m ²]	3.71
E _{max} [V/m]	50.1
Power Drift [dB]	0.21



Measurement Report for Device, EDGE RIGHT, U-NII-6, IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle), Channel 111 (6505.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	165.0 x 76.0 x 18.0		Phone

Exposure Conditions

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

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1087	Air –	EUmmWV4 – SN9533_F1-55GHz,2023-8-18	DAE4 Sn546, 2023-09-15

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2024-08-08, 17:06
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.73
psPDtot+ [W/m ²]	1.88
psPDmod+ [W/m ²]	2.15
E _{max} [V/m]	40.2
Power Drift [dB]	-0.01

