

Appendix C System Check (PD)

C.1 System check result

C.2 20220308_SAR2_30000 MHz System Check

Circular

Measurement Report for Device, FRONT, Custom Band, UID 0 -, Channel 30000000 (30000.0MHz)

Device under Test Properties

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

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 5.55	Custom Band	CW, 0--	30000.0, 30000000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1038	Air---	EUmmWV4 - SN9450_F1- 55GHz, 2021-11-11	DAE4 Sn1369, 2021- 05-11

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55
MAIA	N/A

Measurement Results

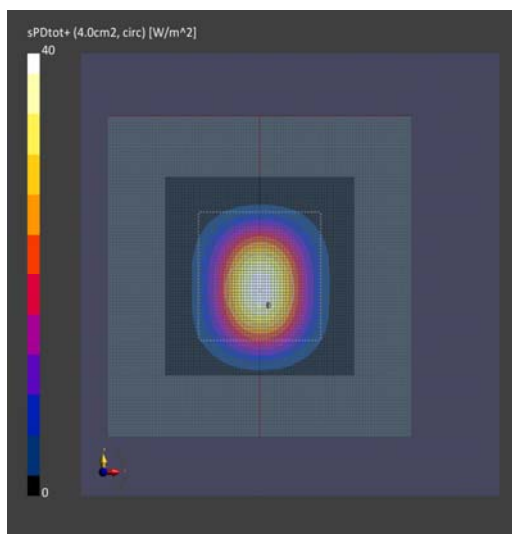
	5G Scan
Date	2022-03-08, 09:33
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	38.2
psPDtot+ [W/m ²]	38.8
psPDmod+ [W/m ²]	39.0
E _{max} [V/m]	138
Power Drift [dB]	-0.07

Warning(s) / Error(s)

Details	5G Scan
---------	---------

Warning(s)

Error(s)



Square

Measurement Report for Device, FRONT, Custom Band, UID 0 -, Channel 30000000 (30000.0MHz)

Device under Test Properties

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

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 5.55	Custom Band	CW, 0--	30000.0, 30000000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1038	Air---	EUmmWV4 - SN9450_F1- 55GHz, 2021-11-11	DAE4 Sn1369, 2021- 05-11

Scan Setup

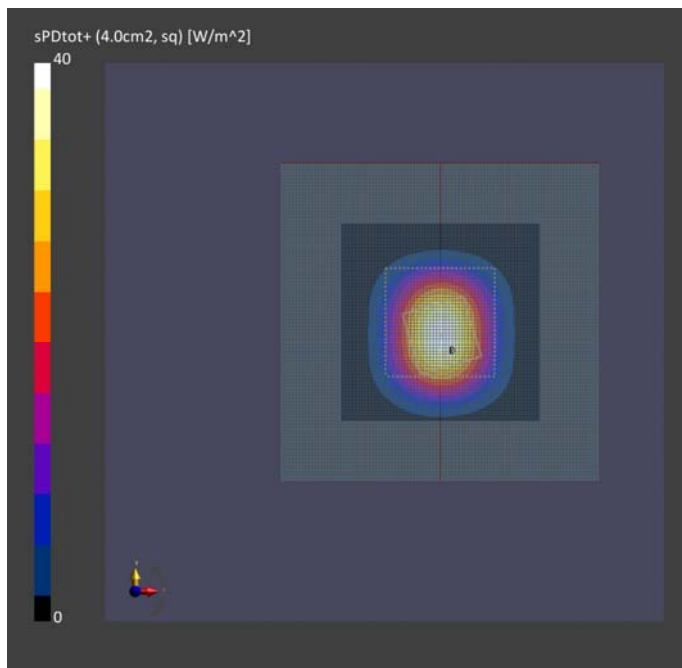
	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-03-08, 09:33
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	38.0
psPDtot+ [W/m ²]	38.6
psPDmod+ [W/m ²]	38.8
E _{max} [V/m]	138
Power Drift [dB]	-0.07

Warning(s) / Error(s)

Details	5G Scan
Warning(s)	
Error(s)	



C.3 20220309_SAR2_30000 MHz System Check

Circular

Measurement Report for Device, FRONT, Custom Band, UID 0 -, Channel 30000000 (30000.0MHz)

Device under Test Properties

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

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 5.55	Custom Band	CW, 0--	30000.0, 30000000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1038	Air---	EUmmWV4 - SN9450_F1- 55GHz, 2021-11-11	DAE4 Sn1369, 2021- 05-11

Scan Setup

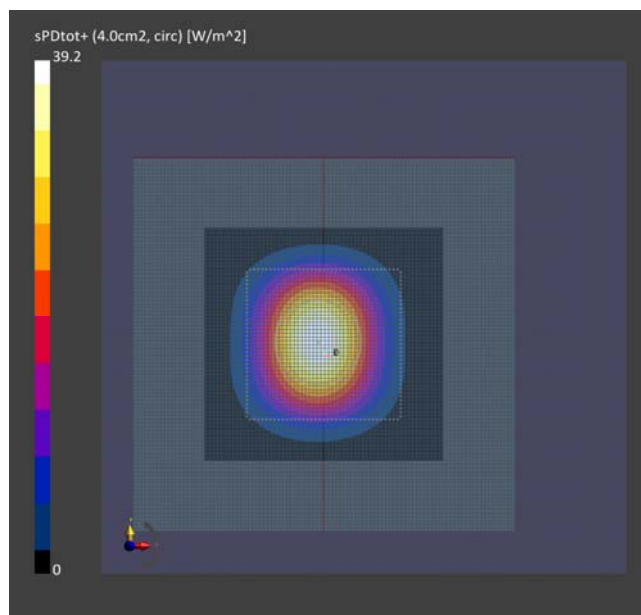
	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-03-09, 10:17
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	38.1
psPDtot+ [W/m ²]	38.8
psPDmod+ [W/m ²]	39.0
E _{max} [V/m]	139
Power Drift [dB]	-0.03

Warning(s) / Error(s)

Details	5G Scan
Warning(s)	
Error(s)	



Square

Measurement Report for Device, FRONT, Custom Band, UID 0 -, Channel 30000000 (30000.0MHz)

Device under Test Properties

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

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 5.55	Custom Band	CW, 0--	30000.0, 30000000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1038	Air---	EUmmWV4 - SN9450_F1- 55GHz, 2021-11-11	DAE4 Sn1369, 2021- 05-11

Scan Setup

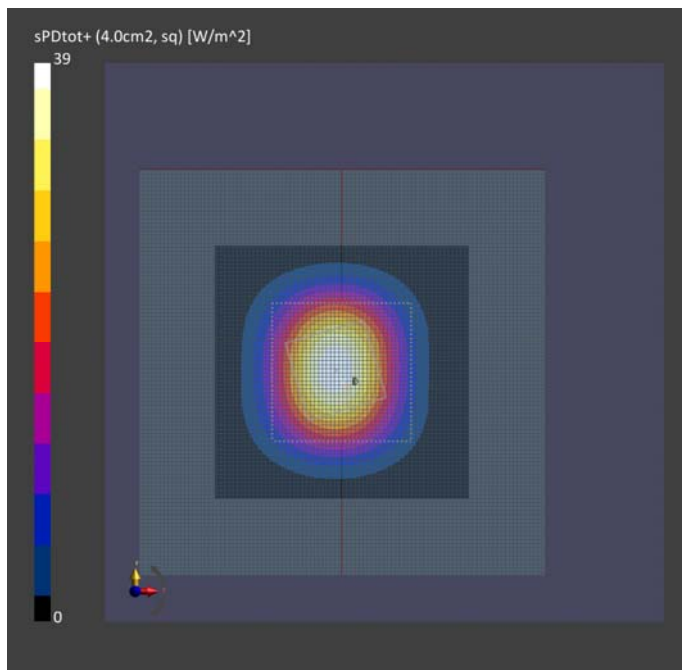
	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-03-09, 10:17
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	37.9
psPDtot+ [W/m ²]	38.7
psPDmod+ [W/m ²]	38.8
E _{max} [V/m]	139
Power Drift [dB]	-0.03

Warning(s) / Error(s)

Details	5G Scan
Warning(s)	
Error(s)	



C.4 20220310_SAR2_30000 MHz System Check

Circular

Measurement Report for Device, FRONT, Custom Band, UID 0 -, Channel 30000000 (30000.0MHz)

Device under Test Properties

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

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 5.55	Custom Band	CW, 0--	30000.0, 30000000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1038	Air---	EUmmWV4 - SN9450_F1- 55GHz, 2021-11-11	DAE4 Sn1369, 2021- 05-11

Scan Setup

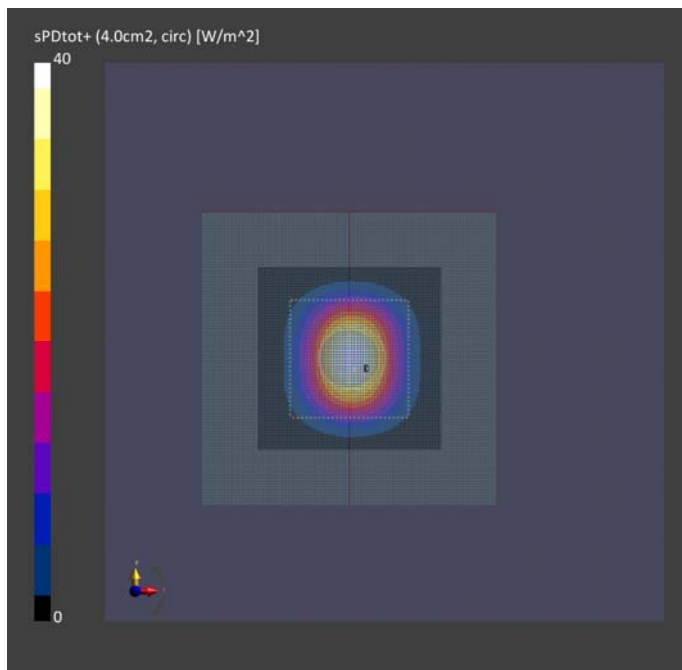
	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-03-10, 10:49
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	37.8
psPDtot+ [W/m ²]	38.2
psPDmod+ [W/m ²]	38.3
E _{max} [V/m]	141
Power Drift [dB]	0.01

Warning(s) / Error(s)

Details	5G Scan
Warning(s)	
Error(s)	



Square**Measurement Report for Device, FRONT, Custom Band, UID 0 -, Channel 30000000 (30000.0MHz)****Device under Test Properties**

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

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 5.55	Custom Band	CW, 0--	30000.0, 30000000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1038	Air---	EUmmWV4 - SN9450_F1- 55GHz, 2021-11-11	DAE4 Sn1369, 2021- 05-11

Scan Setup

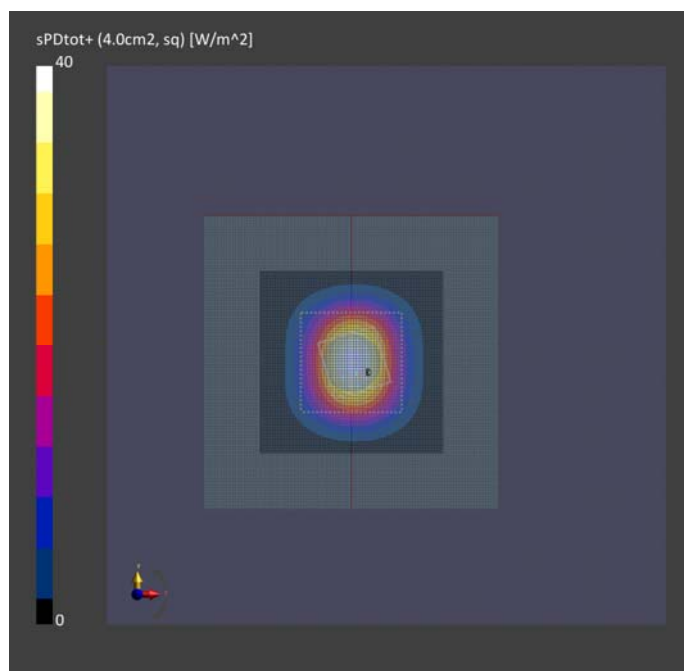
	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-03-10, 10:49
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	37.7
psPDtot+ [W/m ²]	38.1
psPDmod+ [W/m ²]	38.2
E _{max} [V/m]	141
Power Drift [dB]	0.01

Warning(s) / Error(s)

Details	5G Scan
Warning(s)	
Error(s)	



C.5 20220314_SAR2_30000 MHz System Check
Circular

Measurement Report for Device, FRONT, Custom Band, UID 0 -, Channel 30000000 (30000.0MHz)**Device under Test Properties**

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

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 5.55	Custom Band	CW, 0--	30000.0, 30000000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1038	Air---	EUmmWV4 - SN9450_F1- 55GHz, 2021-11-11	DAE4 Sn1369, 2021- 05-11

Scan Setup

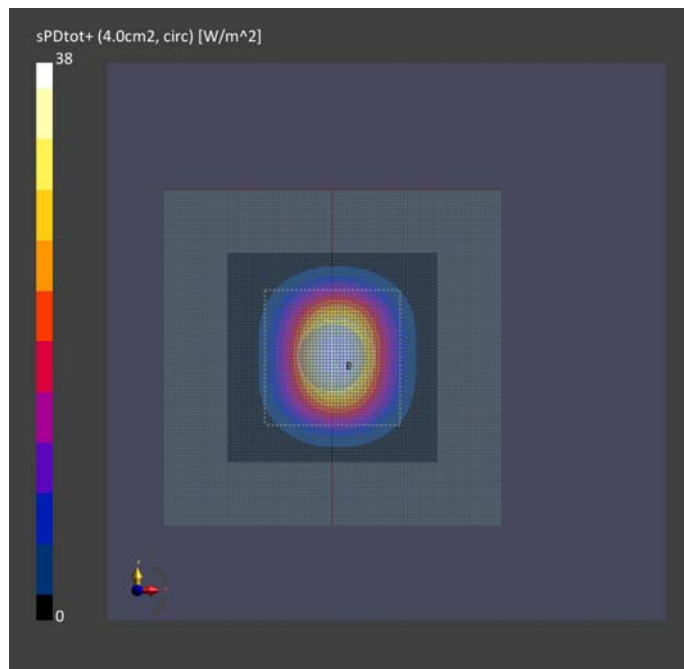
	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-03-14, 09:57
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	37.2
psPDtot+ [W/m ²]	37.6
psPDmod+ [W/m ²]	37.7
E _{max} [V/m]	141
Power Drift [dB]	-0.00

Warning(s) / Error(s)

Details	5G Scan
Warning(s)	
Error(s)	



Square
Measurement Report for Device, FRONT, Custom Band, UID 0 -, Channel 30000000 (30000.0MHz)
Device under Test Properties

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

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 5.55	Custom Band	CW, 0--	30000.0, 30000000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1038	Air---	EUmmWV4 - SN9450_F1- 55GHz, 2021-11-11	DAE4 Sn1369, 2021- 05-11

Scan Setup

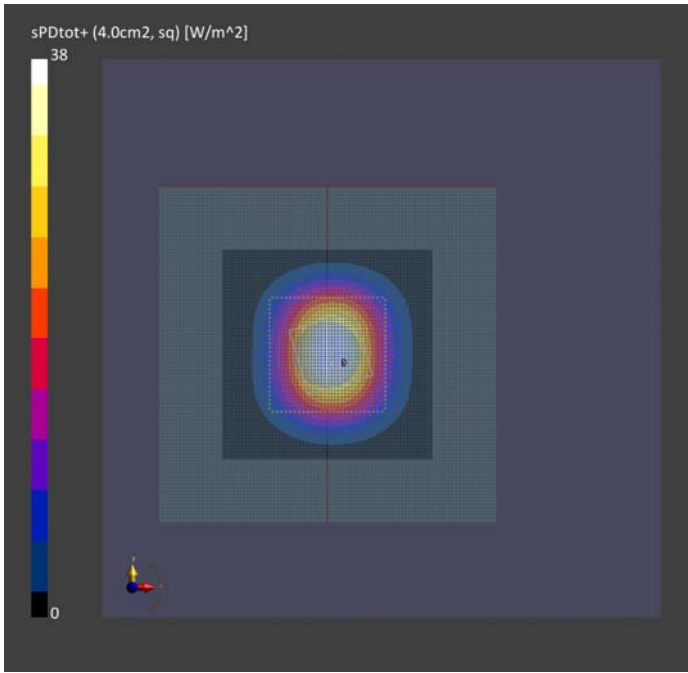
	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-03-14, 09:57
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	37.2
psPDtot+ [W/m ²]	37.5
psPDmod+ [W/m ²]	37.6
E _{max} [V/m]	141
Power Drift [dB]	-0.00

Warning(s) / Error(s)

Details	5G Scan
Warning(s)	
Error(s)	



C.6 20220315_SAR2_30000 MHz System Check

Circular**Measurement Report for Device, FRONT, Custom Band, UID 0 -, Channel 30000000 (30000.0MHz)****Device under Test Properties**

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

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 5.55	Custom Band	CW, 0--	30000.0, 30000000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1038	Air---	EUmmWV4 - SN9450_F1- 55GHz, 2021-11-11	DAE4 Sn1369, 2021- 05-11

Scan Setup

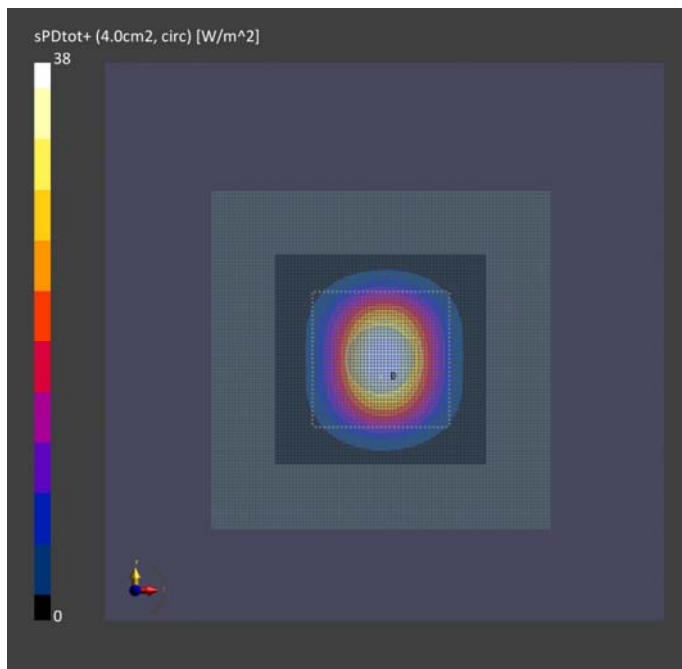
	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-03-15, 09:26
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	37.5
psPDtot+ [W/m ²]	38.0
psPDmod+ [W/m ²]	38.1
E _{max} [V/m]	139
Power Drift [dB]	0.05

Warning(s) / Error(s)

Details	5G Scan
Warning(s)	
Error(s)	



Square

Measurement Report for Device, FRONT, Custom Band, UID 0 -, Channel 30000000 (30000.0MHz)

Device under Test Properties

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

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 5.55	Custom Band	CW, 0--	30000.0, 30000000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1038	Air---	EUmmWV4 - SN9450_F1- 55GHz, 2021-11-11	DAE4 Sn1369, 2021- 05-11

Scan Setup

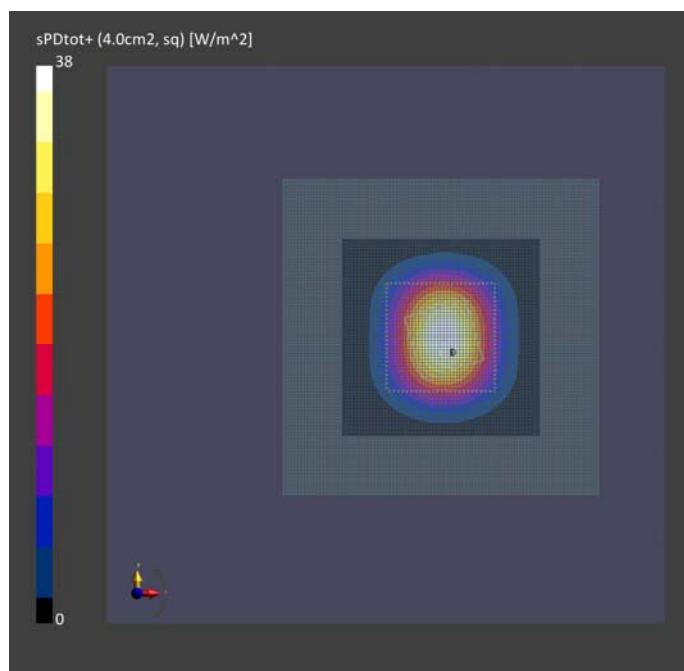
	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-03-15, 09:26
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	37.4
psPDtot+ [W/m ²]	37.9
psPDmod+ [W/m ²]	38.0
E _{max} [V/m]	139
Power Drift [dB]	0.05

Warning(s) / Error(s)

Details	5G Scan
Warning(s)	
Error(s)	



C.7 20220316_SAR2_30000 MHz System Check

Circular**Measurement Report for Device, FRONT, Custom Band, UID 0 -, Channel 30000000 (30000.0MHz)****Device under Test Properties**

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

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 5.55	Custom Band	CW, 0--	30000.0, 30000000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1038	Air---	EUmmWV4 - SN9450_F1- 55GHz, 2021-11-11	DAE4 Sn1369, 2021- 05-11

Scan Setup

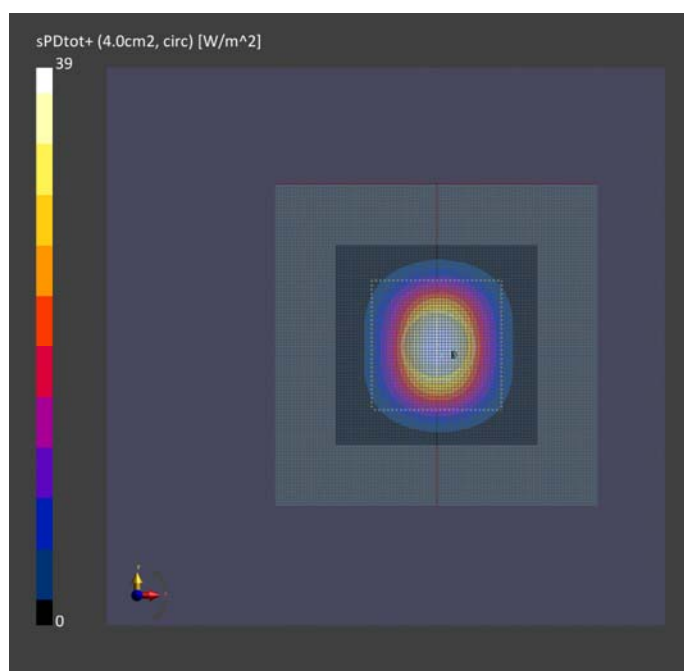
	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-03-16, 09:46
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	38.1
psPDtot+ [W/m ²]	38.6
psPDmod+ [W/m ²]	38.7
E _{max} [V/m]	141
Power Drift [dB]	0.04

Warning(s) / Error(s)

Details	5G Scan
Warning(s)	
Error(s)	



Square
Measurement Report for Device, FRONT, Custom Band, UID 0 -, Channel 30000000 (30000.0MHz)
Device under Test Properties

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

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 5.55	Custom Band	CW, 0--	30000.0, 30000000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1038	Air---	EUmmWV4 - SN9450_F1- 55GHz, 2021-11-11	DAE4 Sn1369, 2021- 05-11

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-03-16, 09:46
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	38.1
psPDtot+ [W/m²]	38.5
psPDmod+ [W/m²]	38.6
E _{max} [V/m]	141
Power Drift [dB]	0.04

Warning(s) / Error(s)

Details	5G Scan
Warning(s)	
Error(s)	

