Part1_PD_Appendix B

Detailed Test Results

N260 for Power Density
N261 for Power Density

Test Laboratory:SGS-SAR Lab

X800 5G NR N260 100M QPSK 2254166CH Right side 2mm

Device Under Test Properties

Model	Dimensions [mm]	IMEI	DUT Type
X800	168.0 x 77.9 x 11.0	351348280016880	Smart Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE RIGHT, 2.00	Band n260	5G NR FR2 TDD, 10869-AAE	38500.0, 2254166	1.0

Hardware Setup

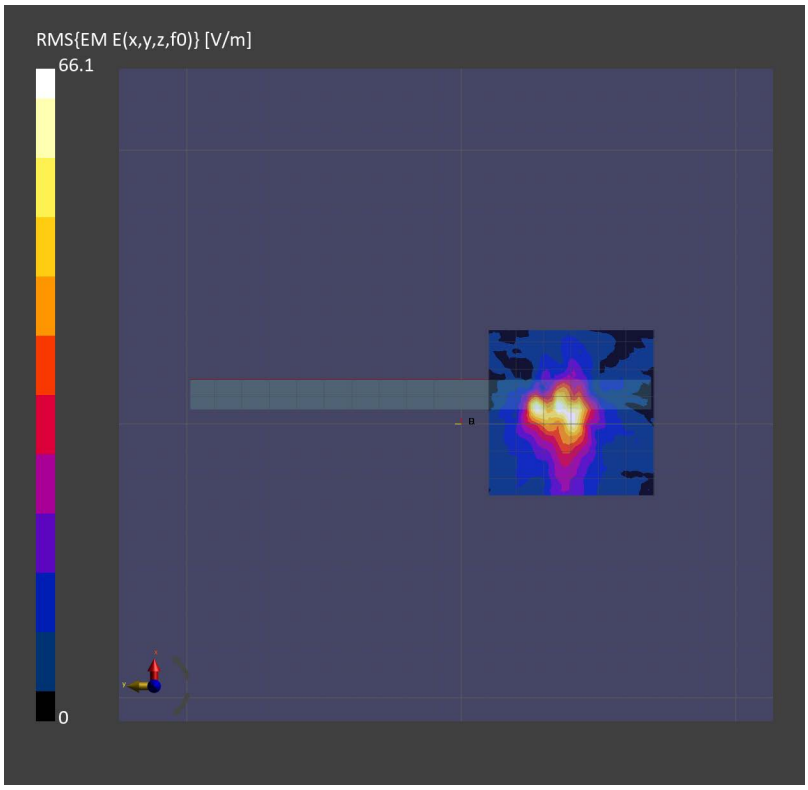
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave-1777	Air -	EUmmWV4 - SN9533_F1-55GHz, 2023-08-18	DAE4 Sn896, 2024-03-18

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]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2024-07-22
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	4.22
psPDtot+ [W/m²]	4.83
psPDmod+ [W/m²]	4.97
E_{max} [V/m]	66.1
Power Drift [dB]	0.02



Test Laboratory:SGS-SAR Lab

X800 5G NR N261 100M QPSK 2077916CH Right side 2mm

Device Under Test Properties

Model	Dimensions [mm]	IMEI	DUT Type
X800	168.0 x 77.9 x 11.0	351348280016880	Smart Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE RIGHT, 2.00	Band n261	5G NR FR2 TDD, 10869-AAE	27925.0, 2077916	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave-1777	Air -	EUmmWV4 - SN9533_F1-55GHz, 2023-08-18	DAE4 Sn896, 2024-03-18

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25*0.25
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2024-07-23
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	4.03
psPDtot+ [W/m²]	4.89
psPDmod+ [W/m²]	4.99
E_{max} [V/m]	69.5
Power Drift [dB]	-0.06