

Measurement Report for Device
Device Under Test Properties

#01 n261 Plane A_Beam 3-3	Dimensions [mm]	IMEI	DUT Type
27.925GHz_Top (S5)	161.0 x 76.0 x 10.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	EDGE TOP, 2.00	27925.0	1.0

Hardware Setup

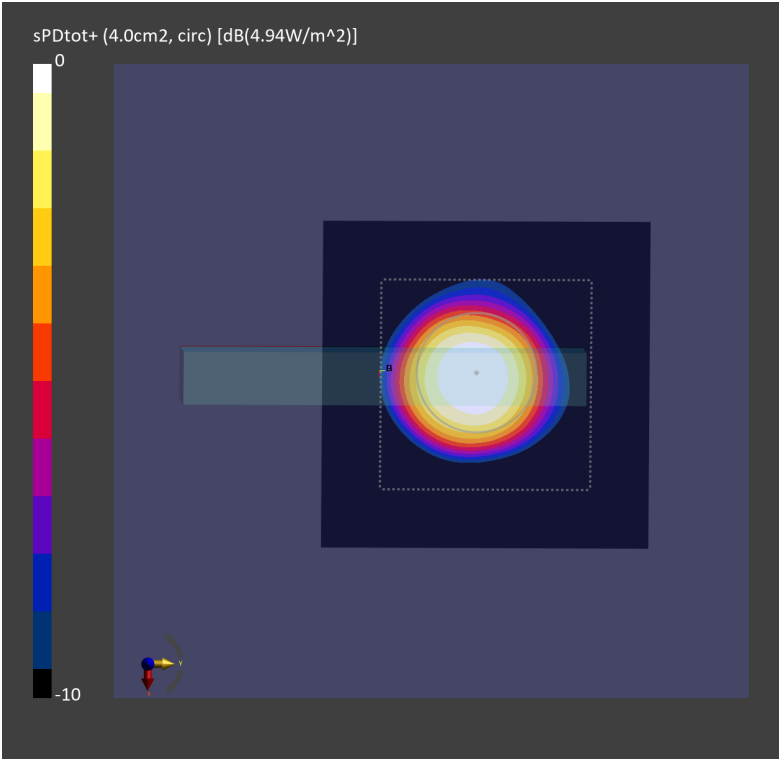
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV3 – SN9424_F1–55GHz, 2023–03–21	DAE4 Sn854, 2022–08–24

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

Measurement Results

Date	2023–04–20
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	4.17
psPDtot+ [W/m ²]	4.94
H _{max} [A/m]	0.254
E _{max} [V/m]	92.5
max(Stot) [W/m ²]	19.8
Power Drift [dB]	0.07



Measurement Report for Device
Device Under Test Properties

#02_n260 Plane A_Beam 6-6	Dimensions [mm]	IMEI	DUT Type
40.000GHz_Top (S5)	161.0 x 76.0 x 10.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	EDGE TOP, 2.00	40000	1.0

Hardware Setup

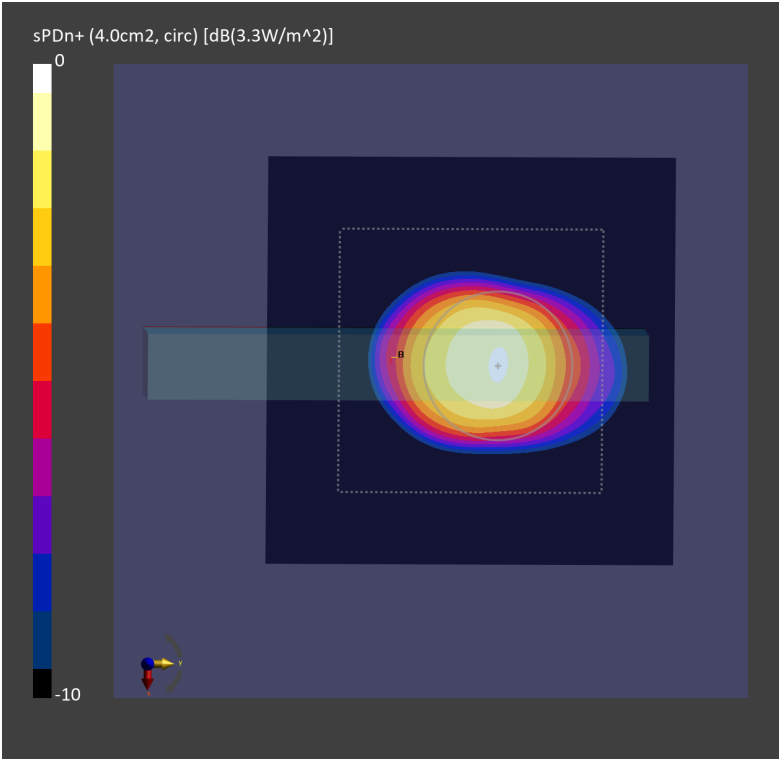
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV3 – SN9424_F1–55GHz, 2023–03–21	DAE4 Sn854, 2022–08–24

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

Measurement Results

Date	2023–04–20
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.79
psPDtot+ [W/m ²]	3.30
H _{max} [A/m]	0.214
E _{max} [V/m]	86.8
max(Stot) [W/m ²]	16.6
Power Drift [dB]	–0.01



Measurement Report for Device
Device Under Test Properties

#03_n258_Plane B_Beam 1-1	Dimensions [mm]	IMEI	DUT Type
25.250GHz_Back (S2)	76.0 x 161.0 x 10.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	BACK, 2.00	25250.0	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – xxxx	Air –	EUmmWV3 – SN9424_F1–55GHz, 2023–03–21	DAE4 Sn854, 2022–08–24

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

Measurement Results

Date	2023-04-21
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.96
psPDtot+ [W/m ²]	3.19
H _{max} [A/m]	0.154
E _{max} [V/m]	57.0
max(Stot) [W/m ²]	6.89
Power Drift [dB]	0.15

