

APPENDIX A: POWER DENSITY TEST PLOTS

Element

Date: 04/12/2022

Antenna 0; Beam 33; V; Mid Ch.; CW

Device Under Test Properties

DUT	Serial Number	DUT Type
C3K1997	0F013JP220700E	Portable Computing Device

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	RIGHT	2.00	n261	27925.00

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 - SN9389, 11/11/2021	DAE4ip SN1638, 11/11/2021

Software Setup

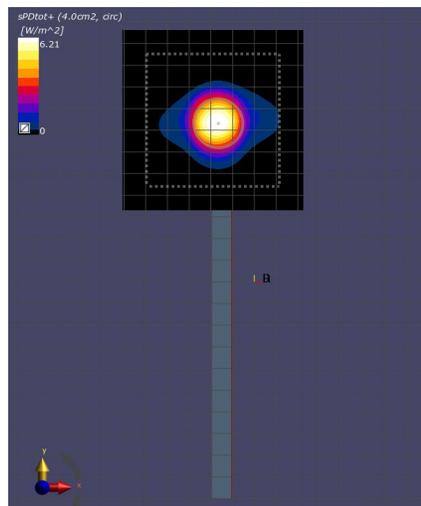
Software	Software Version
cDASY6 Module mmWave	3.0.0.841

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	80x80
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
pS _{tot} avg [W/m ²]	6.21
pS _n avg [W/m ²]	5.06
E _{peak} [V/m]	89.0
Power Drift [dB]	0.09



Element

Date: 05/12/2022

Antenna 1; Beam 28/156; MIMO; Low Ch.; CW

Device Under Test Properties

DUT	Serial Number	DUT Type
C3K1997	0F00M7G220800E	Portable Computing Device

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	FRONT	2.00	n261	27550.10

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 - SN9407, 12/13/2021	DAE4ip SN1639, 01/21/2022

Software Setup

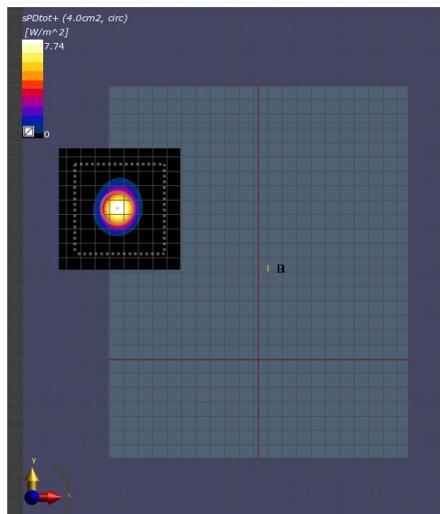
Software	Software Version
cDASY6 Module mmWave	3.0.0.841

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	80x80
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
pS _{tot} avg [W/m ²]	7.74
pS _n avg [W/m ²]	6.82
E _{peak} [V/m]	100.0
Power Drift [dB]	0.20



Element

Date: 04/12/2022

Antenna 0; Beam 150; H; Low Ch.; CW

Device Under Test Properties

DUT	Serial Number	DUT Type
C3K1997	0F013JP220700E	Portable Computing Device

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	RIGHT	2.00	n260	37050.00

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 - SN9389, 11/11/2021	DAE4ip SN1638, 11/11/2021

Software Setup

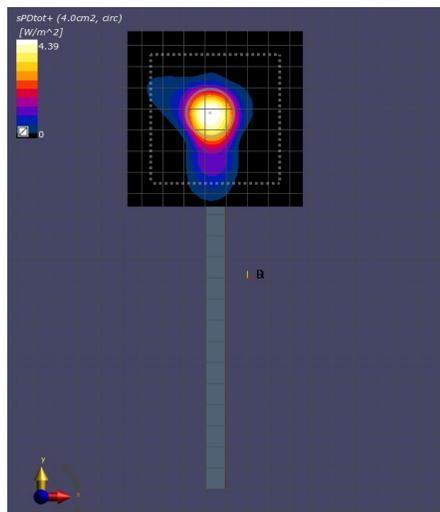
Software	Software Version
cDASY6 Module mmWave	3.0.0.841

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	80x80
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
pS _{tot} avg [W/m ²]	4.39
pS _n avg [W/m ²]	3.29
E _{peak} [V/m]	71.8
Power Drift [dB]	0.00



Element

Date: 04/19/2022

Antenna 1; Beam 31/159; MIMO; Mid Ch.; CW

Device Under Test Properties

DUT	Serial Number	DUT Type
C3K1997	0F00M7G220800E	Portable Computing Device

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	FRONT	2.00	n260	38500.00

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 - SN9407, 12/13/2021	DAE4ip SN1639, 01/21/2022

Software Setup

Software	Software Version
cDASY6 Module mmWave	3.0.0.841

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	80x80
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
pS _{tot} avg [W/m ²]	5.85
pS _n avg [W/m ²]	4.21
E _{peak} [V/m]	92.3
Power Drift [dB]	0.07

