

APPENDIX A: POWER DENSITY TEST PLOTS

PCTEST

Date: 09/24/2021

Module 1 Beam 24; V; Low Ch.; CW; Flip

Device Under Test Properties

DUT	Serial Number	DUT Type
C3K1995	0F00090211900A	Portable Handset

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	FRONT	2.00	n261	27550.1

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 - SN9389, 11/16/2020	DAE4ip SN1638, 11/17/2020

Software Setup

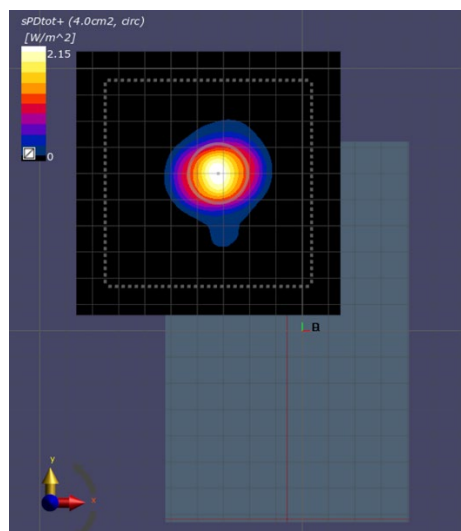
Software	Software Version
cDASY6 Module mmWave	2.4.2.62

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	100x100
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]	2.15
pS _n avg [W/m ²]	1.92
E _{peak} [V/m]	56.9
Power Drift [dB]	-0.07



PCTEST

Date: 09/28/2021

Module 1 Beam 147; H; Mid Ch.; CW; Flip

Device Under Test Properties

DUT	Serial Number	DUT Type
C3K1995	0F00090211900A	Portable Handset

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	FRONT	2.00	n260	38500.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 - SN9389, 11/16/2020	DAE4ip SN1638, 11/17/2020

Software Setup

Software	Software Version
cDASY6 Module mmWave	2.4.2.62

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	100x100
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]	2.53
pS _n avg [W/m ²]	2.17
E _{peak} [V/m]	63.2
Power Drift [dB]	-0.08

