

APPENDIX A: POWER DENSITY TEST PLOTS

ELEMENT

Date: 06/24/2022

Antenna M0; Beam 173; H; High Ch.; CW

Device Under Test Properties

DUT	Serial Number	DUT Type
BCGA2764	VYQX9YKWQP	Tablet Device

Exposure Conditions

Phantom Section	Position	Test Distance (mm)	Band	Frequency [MHz]
5G	Front	2.00	n258	25200.00

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV4 - SN9416, 12/13/2021	DAE4 Sn1644, 12/13/2021

Software Setup

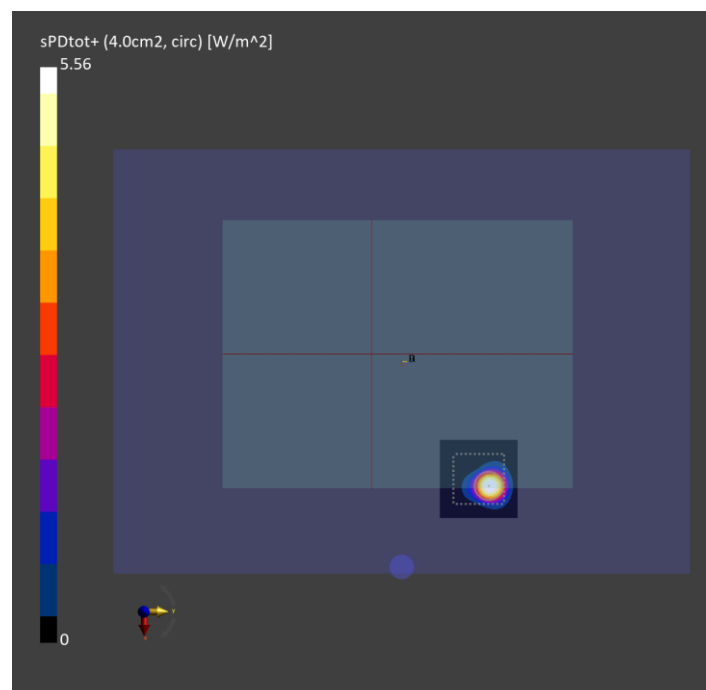
Software	Software Version
cDASY6 Module mmWave	3.0.0.841

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

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
psPDtot [W/m ²]	5.56
psPDn [W/m ²]	4.36
E _{peak} [V/m]	92.1
Power Drift [dB]	-0.09



ELEMENT

Date: 06/24/2022

Antenna M2; Beam 180; H; Mid Ch.; CW

Device Under Test Properties

DUT	Serial Number	DUT Type
BCGA2764	KDS744RX4V	Tablet Device

Exposure Conditions

Phantom Section	Position	Test Distance (mm)	Band	Frequency [MHz]
5G	Top	2.00	n258	24800.04

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV4 - SN9416, 12/13/2021	DAE4 Sn1644, 12/13/2021

Software Setup

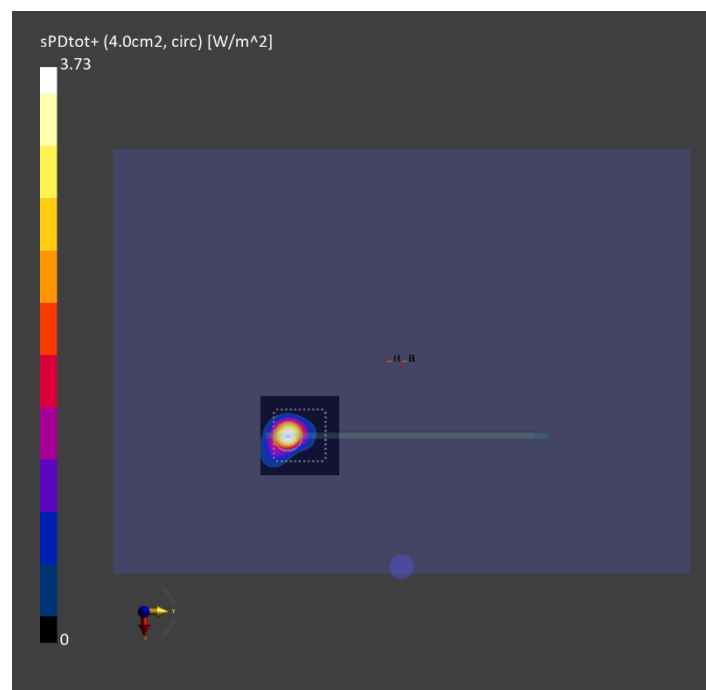
Software	Software Version
cDASY6 Module mmWave	3.0.0.841

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

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
psPDtot [W/m ²]	3.73
psPDn [W/m ²]	2.98
E _{peak} [V/m]	90.0
Power Drift [dB]	0.14



ELEMENT

Date: 06/24/2022

Antenna M3; Beam 39; V; Mid Ch.; CW

Device Under Test Properties

DUT	Serial Number	DUT Type
BCGA2764	KDS744RX4V	Tablet Device

Exposure Conditions

Phantom Section	Position	Test Distance (mm)	Band	Frequency [MHz]
5G	Bottom	2.00	n258	24800.04

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV4 - SN9416, 12/13/2021	DAE4 Sn1644, 12/13/2021

Software Setup

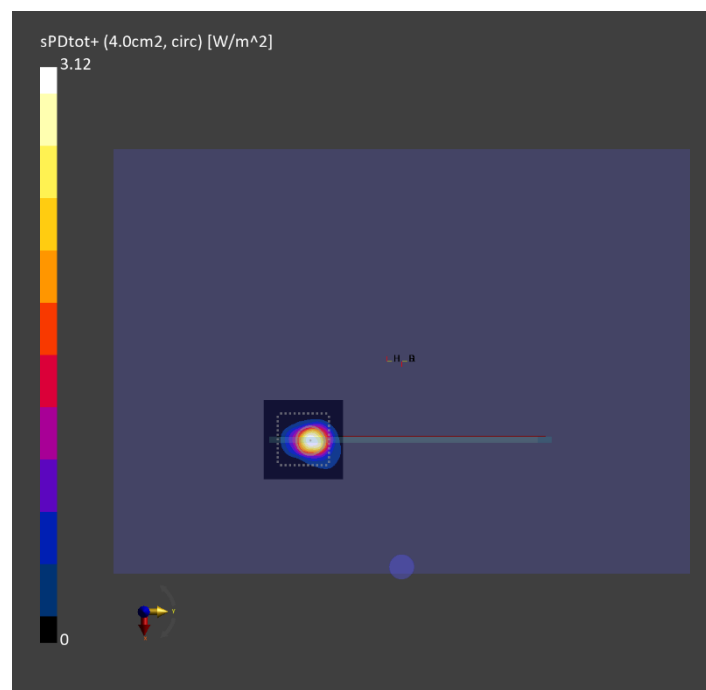
Software	Software Version
cDASY6 Module mmWave	3.0.0.841

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

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
psPDtot [W/m ²]	3.12
psPDn [W/m ²]	2.65
E _{peak} [V/m]	92.9
Power Drift [dB]	0.12



ELEMENT

Date: 06/27/2022

Antenna M0; Beam 186; H; Low Ch.; CW

Device Under Test Properties

DUT	Serial Number	DUT Type
BCGA2764	KDS744RX4V	Tablet Device

Exposure Conditions

Phantom Section	Position	Test Distance (mm)	Band	Frequency [MHz]
5G	Front	2.00	n261	27550.08

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV4 - SN9523, 01/31/2022	DAE4 Sn1403, 02/22/2022

Software Setup

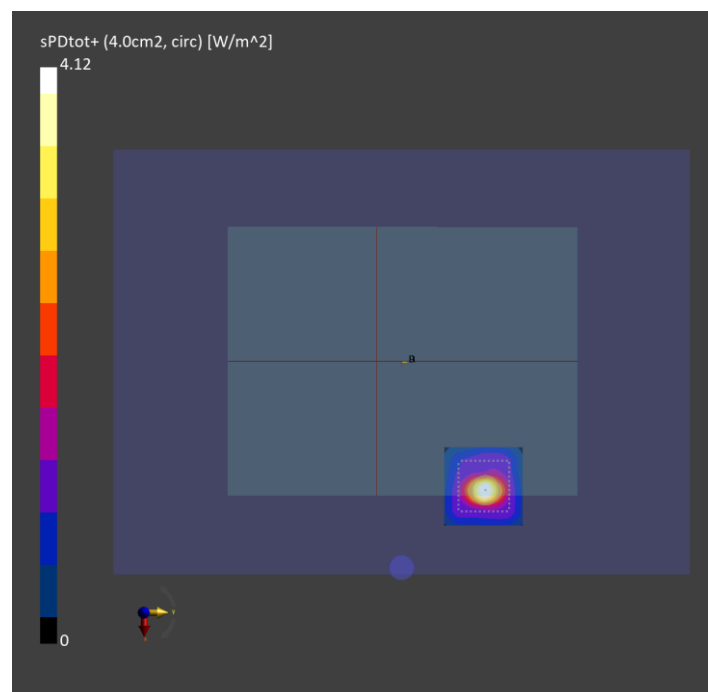
Software	Software Version
cDASY6 Module mmWave	3.0.0.841

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	30.0 x 30.0
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
psPDtot [W/m ²]	4.12
psPDn [W/m ²]	3.72
E _{peak} [V/m]	65.5
Power Drift [dB]	-0.03



ELEMENT

Date: 06/27/2022

Antenna M2; Beam 165; H; Mid Ch.; CW

Device Under Test Properties

DUT	Serial Number	DUT Type
BCGA2764	VYQX9YKWQP	Tablet Device

Exposure Conditions

Phantom Section	Position	Test Distance (mm)	Band	Frequency [MHz]
5G	Top	2.00	n261	27924.96

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV4 - SN9416, 12/13/2021	DAE4 Sn1644, 12/13/2021

Software Setup

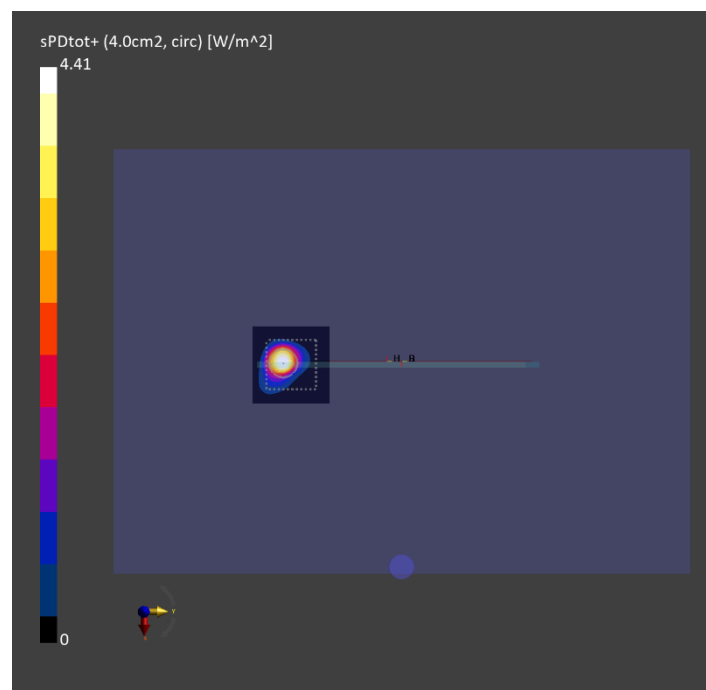
Software	Software Version
cDASY6 Module mmWave	3.0.0.841

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

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
psPDtot [W/m ²]	4.41
psPDn [W/m ²]	3.77
E _{peak} [V/m]	103.0
Power Drift [dB]	0.04



ELEMENT

Date: 06/27/2022

Antenna M3; Beam 184; H; Mid Ch.; CW

Device Under Test Properties

DUT	Serial Number	DUT Type
BCGA2764	L9N6D6203T	Tablet Device

Exposure Conditions

Phantom Section	Position	Test Distance (mm)	Band	Frequency [MHz]
5G	Bottom	2.00	n261	27924.96

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV4 - SN9416, 12/13/2021	DAE4 Sn1644, 12/13/2021

Software Setup

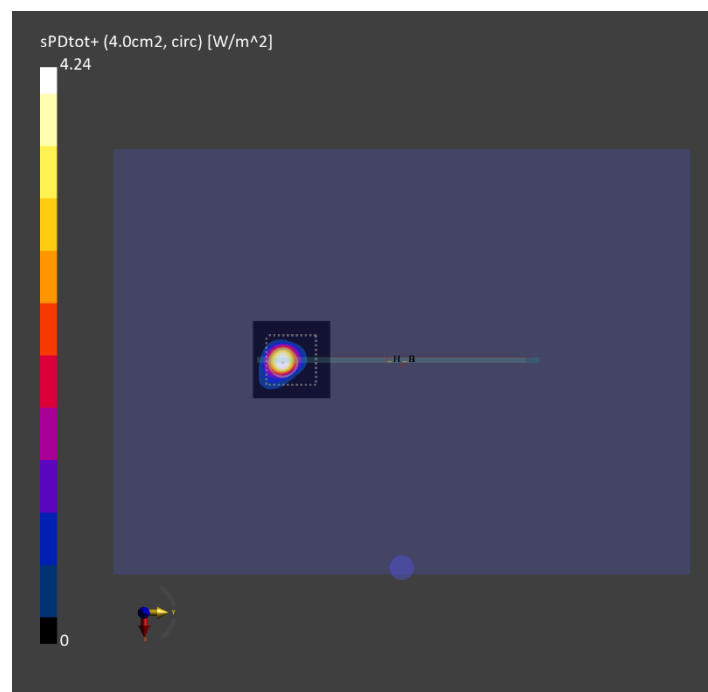
Software	Software Version
cDASY6 Module mmWave	3.0.0.841

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

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
psPDtot [W/m ²]	4.24
psPDn [W/m ²]	3.38
E _{peak} [V/m]	94.8
Power Drift [dB]	0.16



ELEMENT

Date: 06/27/2022

Antenna M0; Beam 174; H; Mid Ch.; CW

Device Under Test Properties

DUT	Serial Number	DUT Type
BCGA2764	W46J2H7Y2C	Tablet Device

Exposure Conditions

Phantom Section	Position	Test Distance (mm)	Band	Frequency [MHz]
5G	Front	2.00	n260	38499.96

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV4 - SN9523, 01/31/2022	DAE4 Sn1403, 02/22/2022

Software Setup

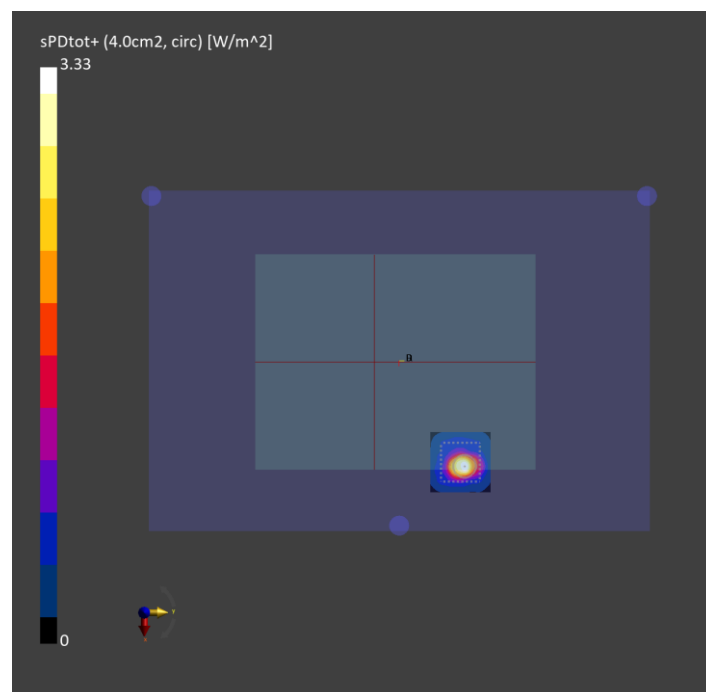
Software	Software Version
cDASY6 Module mmWave	3.0.0.841

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

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
psPDtot [W/m ²]	3.33
psPDn [W/m ²]	2.91
E _{peak} [V/m]	76.6
Power Drift [dB]	-0.12



ELEMENT

Date: 06/25/2022

Antenna M2; Beam 179; H; Mid Ch.; CW

Device Under Test Properties

DUT	Serial Number	DUT Type
BCGA2764	VYQX9YKWQP	Tablet Device

Exposure Conditions

Phantom Section	Position	Test Distance (mm)	Band	Frequency [MHz]
5G	Top	2.00	n260	38499.96

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV4 - SN9416, 12/13/2021	DAE4 Sn1644, 12/13/2021

Software Setup

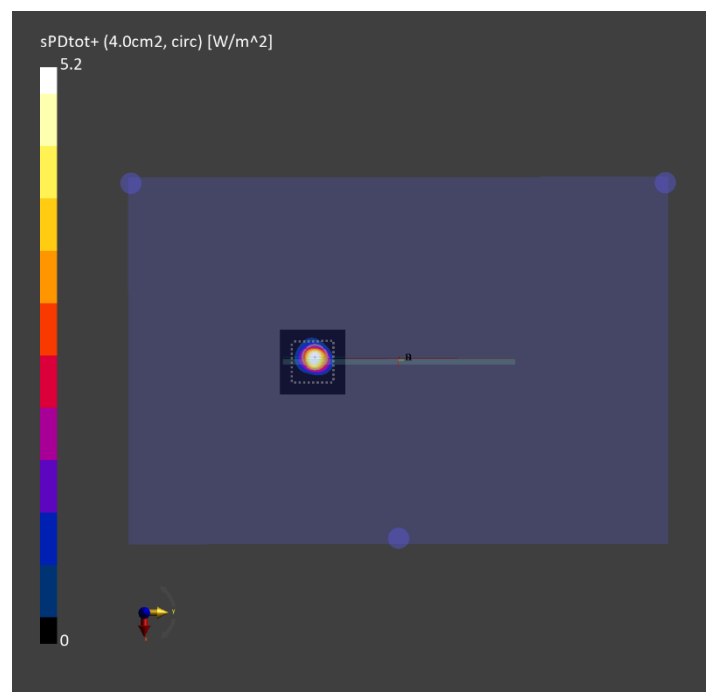
Software	Software Version
cDASY6 Module mmWave	3.0.0.841

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

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
psPDtot [W/m ²]	5.20
psPDn [W/m ²]	4.03
E _{peak} [V/m]	104.0
Power Drift [dB]	-0.14



ELEMENT

Date: 06/25/2022

Antenna M3; Beam 183; H; Mid Ch.; CW

Device Under Test Properties

DUT	Serial Number	DUT Type
BCGA2764	VYQX9YKWQP	Tablet Device

Exposure Conditions

Phantom Section	Position	Test Distance (mm)	Band	Frequency [MHz]
5G	Bottom	2.00	n260	38499.96

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV4 - SN9416, 12/13/2021	DAE4 Sn1644, 12/13/2021

Software Setup

Software	Software Version
cDASY6 Module mmWave	3.0.0.841

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

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
psPDtot [W/m ²]	3.81
psPDn [W/m ²]	2.98
E _{peak} [V/m]	90.2
Power Drift [dB]	-0.20

