

Worst Case Mode:

Worst Case Transfer Rate:

Distance of Measurements:

Operating Frequency:

Channel:

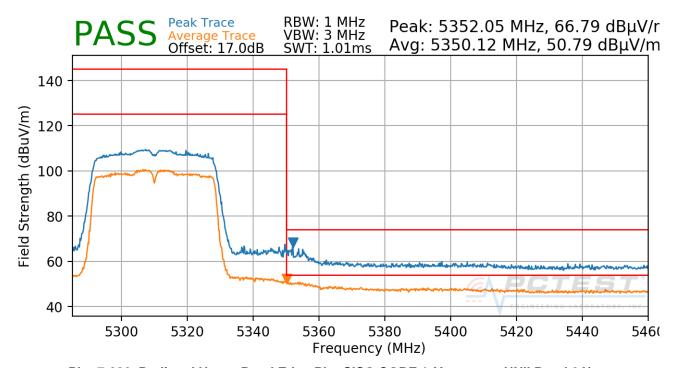
802.11n

MCS0

3 Meters

5310MHz

62



Plot 7-280. Radiated Upper Band Edge Plot SISO CORE 1 (Average – UNII Band 2A)

FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 221 of 222
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Worst Case Mode:

Worst Case Transfer Rate:

Distance of Measurements:
Operating Frequency:

Channel:

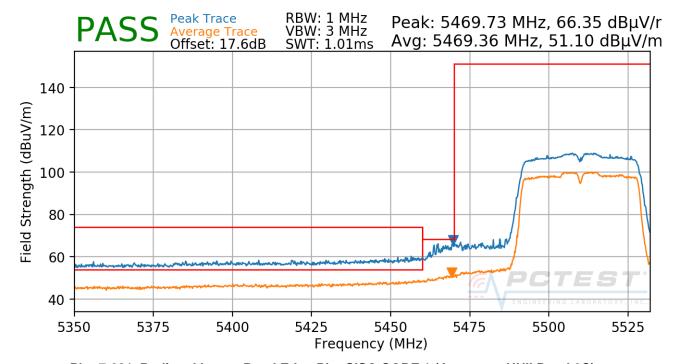
802.11n

MCS0

3 Meters

5510MHz

102

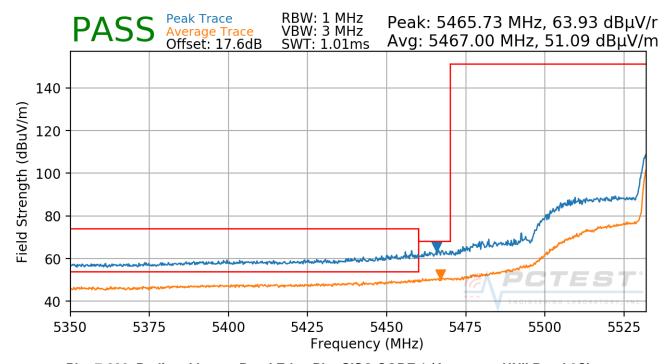


Plot 7-281. Radiated Lower Band Edge Plot SISO CORE 1 (Average – UNII Band 2C)

FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 222 of 202
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 232 of 282



Worst Case Mode: 802.11n MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5550MHz Channel: 110



Plot 7-282. Radiated Lower Band Edge Plot SISO CORE 1 (Average – UNII Band 2C)

FCC ID: BCGA1980	(NSINTINIS SABORATOR, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dags 222 of 202
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 233 of 282



Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

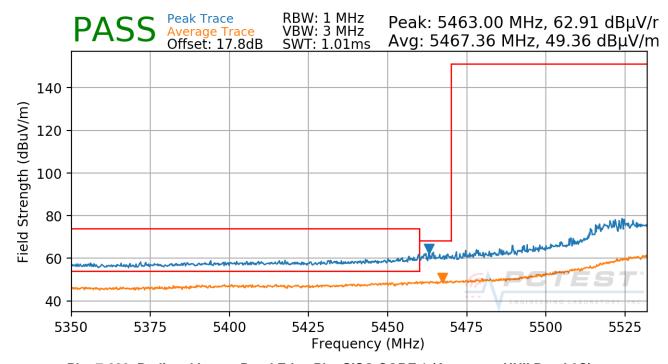
802.11n

MCS0

3 Meters

5590MHz

118



Plot 7-283. Radiated Lower Band Edge Plot SISO CORE 1 (Average – UNII Band 2C)

FCC ID: BCGA1980	(NEINTENNE SABORATOR, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 234 of 282
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	raye 234 01 282



Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

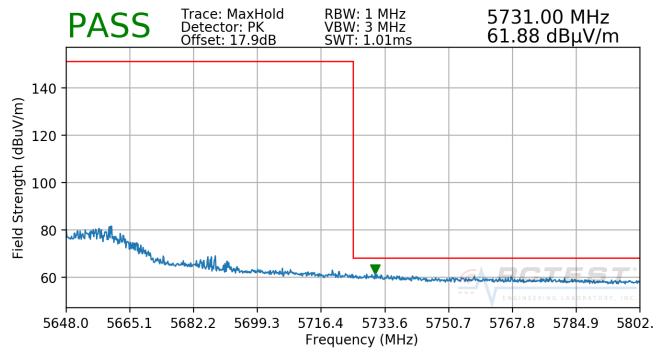
802.11n

MCS0

3 Meters

5590MHz

118

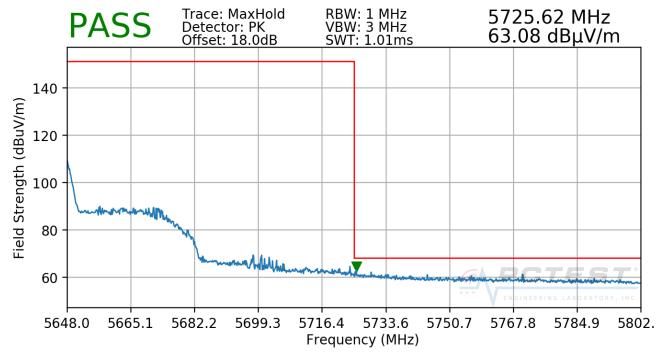


Plot 7-284. Radiated Upper Band Edge Plot SISO CORE 1 (Average – UNII Band 2C)

FCC ID: BCGA1980	ENSINEESING SABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 225 of 202
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 235 of 282



Worst Case Mode: 802.11n MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5630MHz Channel: 126



Plot 7-285. Radiated Lower Band Edge Plot SISO CORE 1 (Average – UNII Band 2C)

FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 236 of 282
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 230 01 202



Worst Case Mode:

Worst Case Transfer Rate:

Distance of Measurements:
Operating Frequency:

Channel:

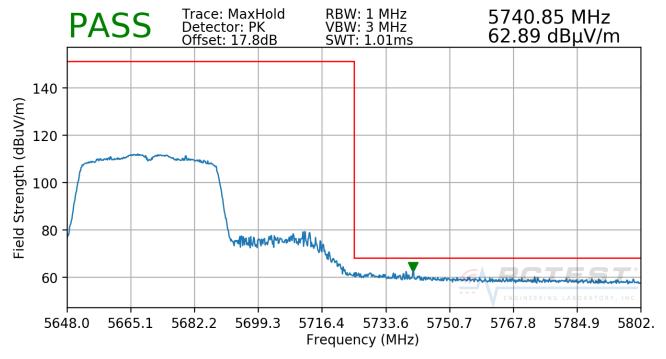
802.11n

MCS0

3 Meters

5670MHz

134

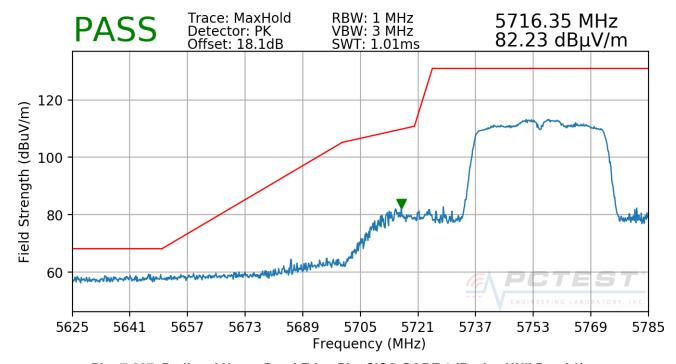


Plot 7-286. Radiated Upper Band Edge Plot SISO CORE 1 (Peak - UNII Band 2C)

FCC ID: BCGA1980	(NSINTINIS SABORATOR, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 237 of 282
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	raye 231 01 282



Worst Case Mode: 802.11n MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5755MHz Channel: 151

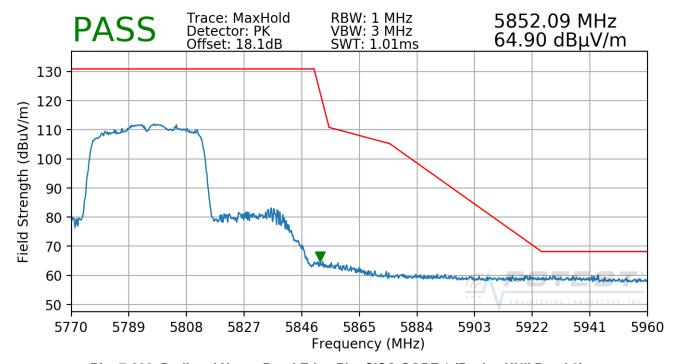


Plot 7-287. Radiated Upper Band Edge Plot SISO CORE 1 (Peak - UNII Band 3)

FCC ID: BCGA1980	(NEINTENNE SABORATOR, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 238 of 282
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 238 01 282



Worst Case Mode: 802.11n MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5795MHz Channel: 159



Plot 7-288. Radiated Upper Band Edge Plot SISO CORE 1 (Peak - UNII Band 3)

FCC ID: BCGA1980	ENSINEESING SABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 220 of 202
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 239 of 282



# 7.6.10 CDD Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

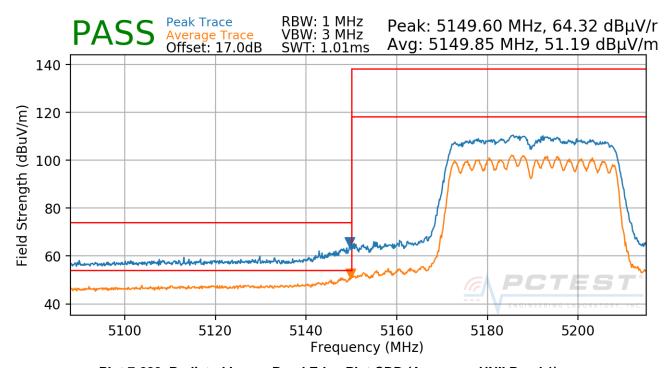
802.11n

MCS0

3 Meters

5190MHz

38

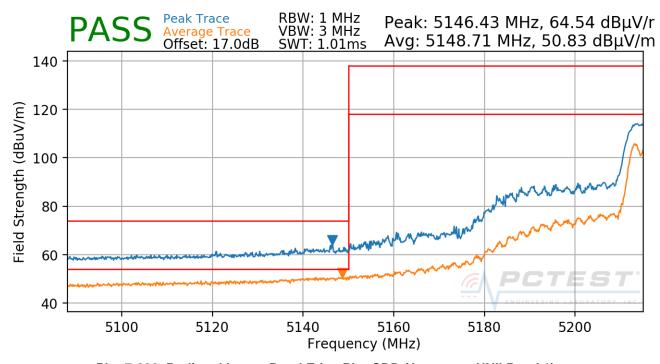


Plot 7-289. Radiated Lower Band Edge Plot CDD (Average – UNII Band 1)

FCC ID: BCGA1980	(NEINTENNE SABORATOR, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 240 of 202
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 240 of 282



Worst Case Mode: 802.11n MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5230MHz Channel: 46



Plot 7-290. Radiated Lower Band Edge Plot CDD (Average – UNII Band 1)

FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 241 of 282
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 241 01 202



Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

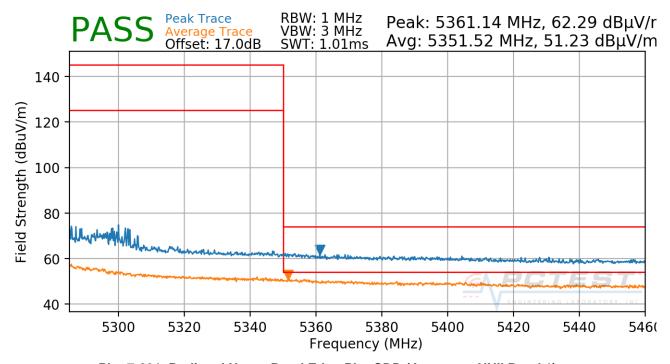
802.11n

MCS0

3 Meters

5230MHz

46

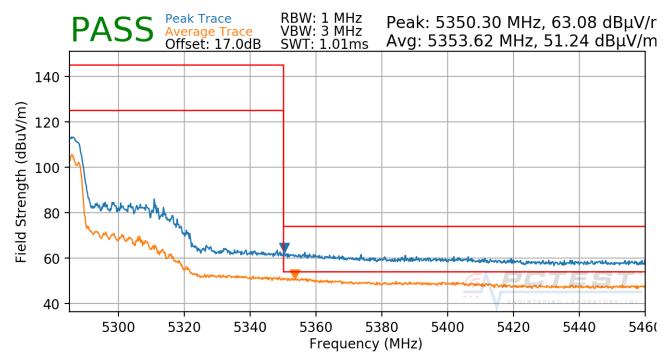


Plot 7-291. Radiated Upper Band Edge Plot CDD (Average - UNII Band 1)

FCC ID: BCGA1980	ENSINEESING SABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 242 of 292
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 242 of 282



Worst Case Mode: 802.11n MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5270MHz Channel: 54



Plot 7-292. Radiated Upper Band Edge Plot CDD (Average – UNII Band 2A)

FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 243 of 282
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 243 01 202



Worst Case Mode:

Worst Case Transfer Rate:

Distance of Measurements:

Operating Frequency:

Channel:

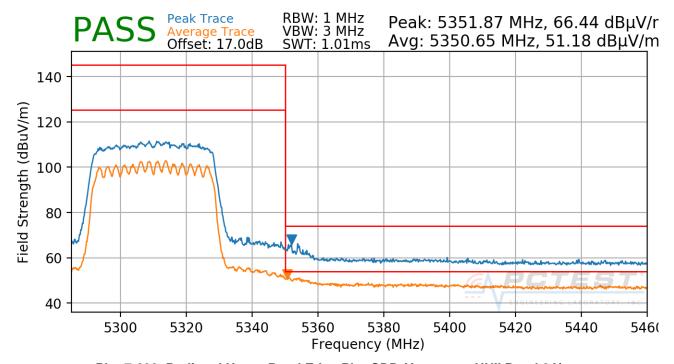
802.11n

MCS0

3 Meters

5310MHz

62

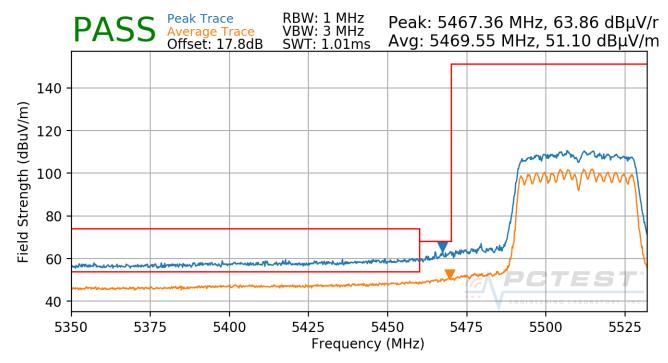


Plot 7-293. Radiated Upper Band Edge Plot CDD (Average – UNII Band 2A)

FCC ID: BCGA1980	(NEINTENNE SABORATOR, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 244 of 202
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 244 of 282



Worst Case Mode: 802.11n MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5510MHz Channel: 102

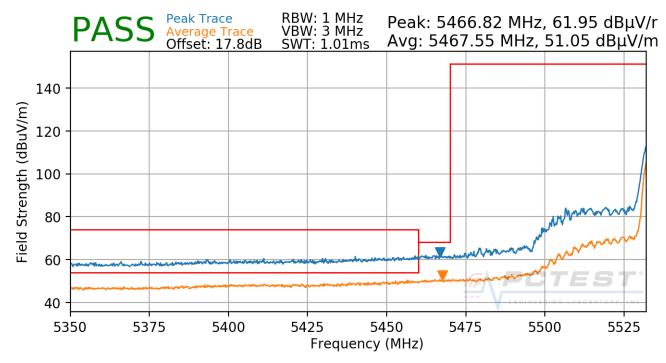


Plot 7-294. Radiated Lower Band Edge Plot CDD (Average – UNII Band 2C)

FCC ID: BCGA1980	(NEINTENNE SABORATOR, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 245 of 202
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 245 of 282



Worst Case Mode: 802.11n MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5510MHz Channel: 110

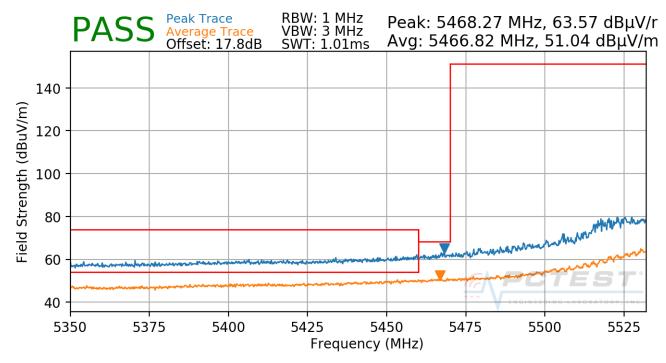


Plot 7-295. Radiated Lower Band Edge Plot CDD (Average – UNII Band 2C)

FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 246 of 282
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 240 01 202



Worst Case Mode: 802.11n MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5590MHz Channel: 118

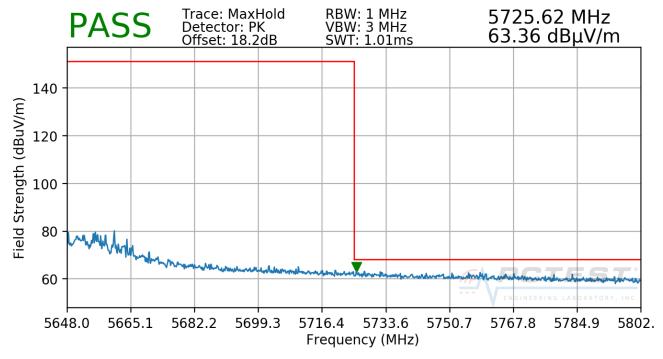


Plot 7-296. Radiated Lower Band Edge Plot CDD (Average – UNII Band 2C)

FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 247 of 292
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 247 of 282



Worst Case Mode: 802.11n MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5590MHz Channel: 118

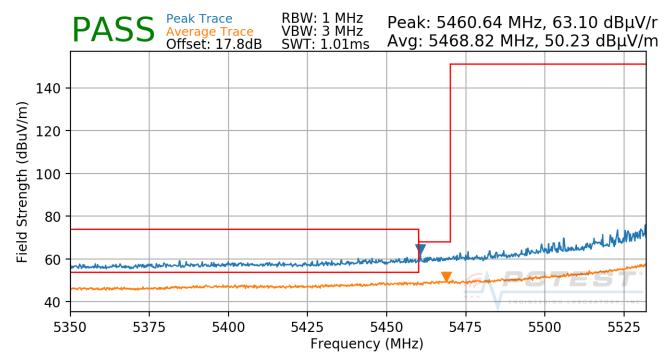


Plot 7-297. Radiated Upper Band Edge Plot CDD (Average – UNII Band 2C)

FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 248 of 282
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 240 01 202



Worst Case Mode: 802.11n MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5630MHz Channel: 126

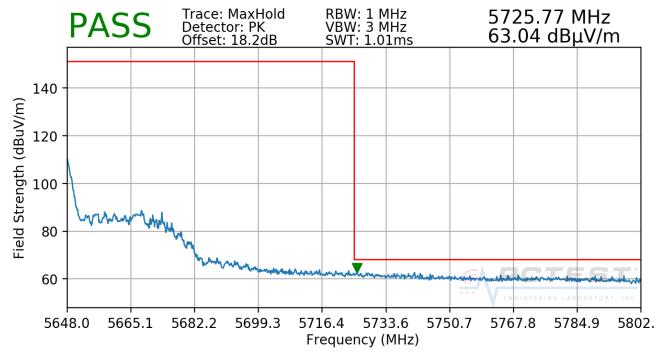


Plot 7-298. Radiated Lower Band Edge Plot CDD (Average – UNII Band 2C)

FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 249 of 282
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 249 01 202



Worst Case Mode: 802.11n MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5630MHz Channel: 126



Plot 7-299. Radiated Upper Band Edge Plot CDD (Average – UNII Band 2C)

FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 250 of 202
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 250 of 282



Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

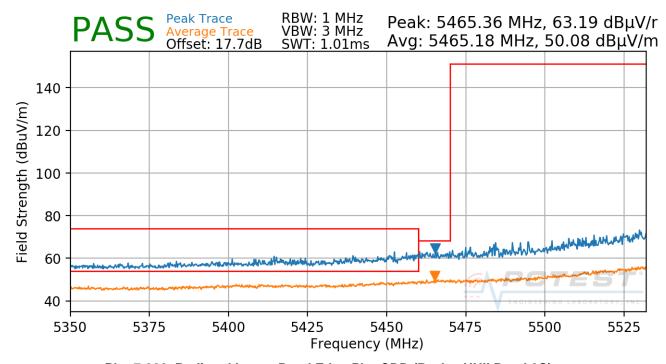
802.11n

MCS0

3 Meters

5670MHz

134

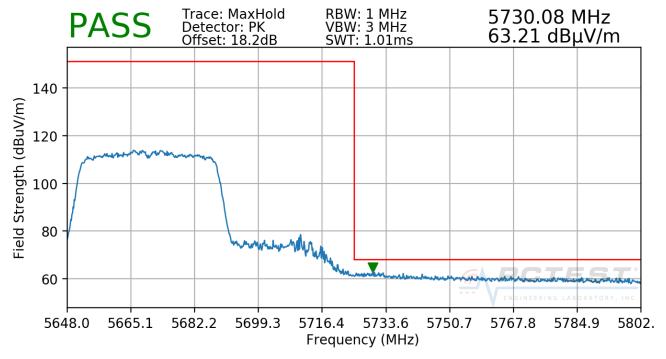


Plot 7-300. Radiated Lower Band Edge Plot CDD (Peak - UNII Band 2C)

FCC ID: BCGA1980	ENSINEESING SABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 251 of 202
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 251 of 282



Worst Case Mode: 802.11n MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5670MHz Channel: 134

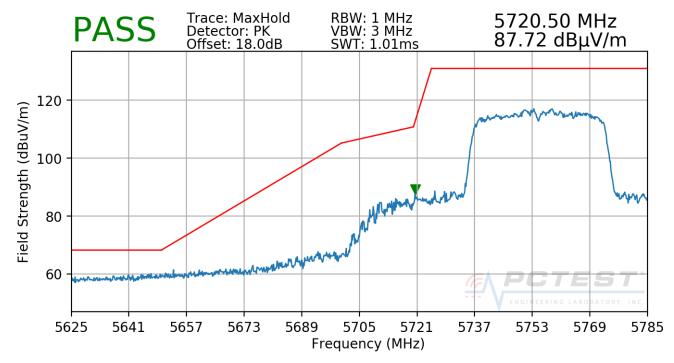


Plot 7-301. Radiated Upper Band Edge Plot CDD (Peak - UNII Band 2C)

FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 252 of 282
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 252 01 262



Worst Case Mode: 802.11n MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5755MHz Channel: 151

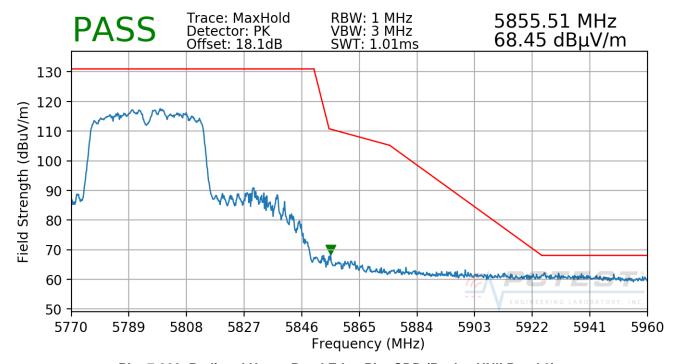


Plot 7-302. Radiated Upper Band Edge Plot CDD (Peak - UNII Band 3)

FCC ID: BCGA1980	ENSINTENNS LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 253 of 282
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	raye 200 01 202



Worst Case Mode: 802.11n MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5795MHz Channel: 159



Plot 7-303. Radiated Upper Band Edge Plot CDD (Peak - UNII Band 3)

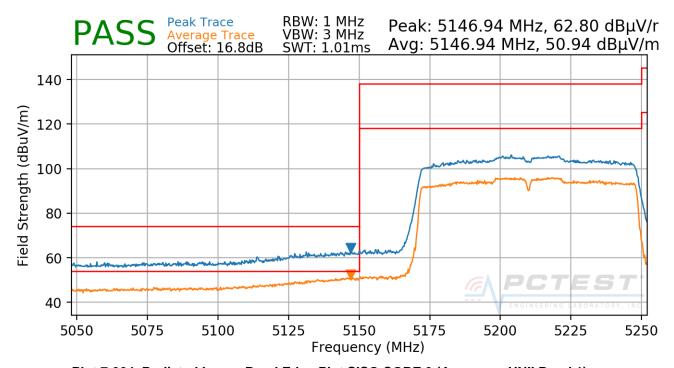
FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 254 of 202
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 254 of 282



# 7.6.11 SISO Core 0 Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ac
MSC0
3 Meters
5210MHz
42



Plot 7-304. Radiated Lower Band Edge Plot SISO CORE 0 (Average – UNII Band 1)

FCC ID: BCGA1980	ENSINTENNS LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 255 of 282
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 255 01 282



40 -

5250

5275

5300

Worst Case Mode: 802.11ac MSC0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5290MHz Channel: 58

		P	ASS	Peak Trace Average T Offset: 17	e R race V 7.0dB S	B۷	V: 1 MH; V: 3 MH; Γ: 1.01m	Z			32 MHz, 4 MHz, 5			
	140 -													
Œ.	120													
/\n	120 -													
Field Strength (dBuV/m)	100				wandersom									
)th	100 -			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	· amount many									
enç				<b>'</b>		\								
Str	80 -					П								
eld							\a	V						
证	60 -						40000	PW In A. Marya.	Mande	happer market	mhantana	Material	*******	
		~~~					Johnson		**********	warmanafaran	RG		******	

Plot 7-305. Radiated Upper Band Edge Plot SISO CORE 0 (Average – UNII Band 2A)

5350

Frequency (MHz)

5375

5400

5425

5450

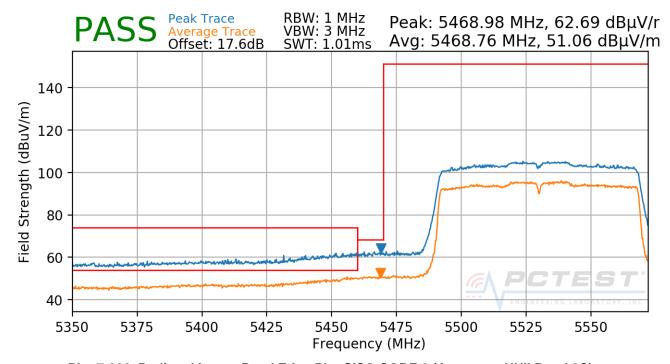
5325

FCC ID: BCGA1980	ENSINTENNS LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 256 of 282
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Fage 250 01 282



Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ac
MSC0
3 Meters
5530MHz
106

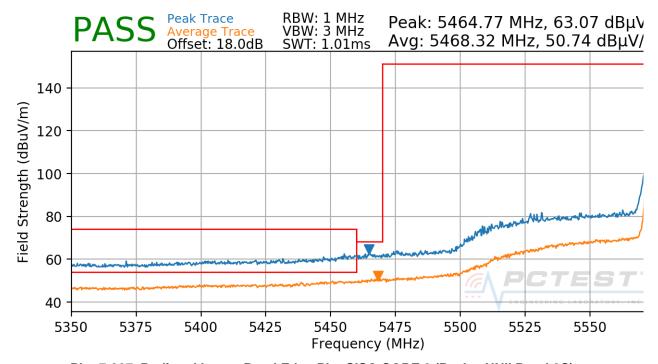


Plot 7-306. Radiated Lower Band Edge Plot SISO CORE 0 (Average – UNII Band 2C)

FCC ID: BCGA1980	ENSINTENNS LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 257 of 282
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Worst Case Mode: 802.11ac
Worst Case Transfer Rate: MSC0
Distance of Measurements: 3 Meters
Operating Frequency: 5610MHz
Channel: 122



Plot 7-307. Radiated Lower Band Edge Plot SISO CORE 0 (Peak – UNII Band 2C)

FCC ID: BCGA1980	ENSINTENNS LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 258 of 282
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	raye 200 01 282



Worst Case Mode:

Worst Case Transfer Rate:

Distance of Measurements:
Operating Frequency:

Channel:

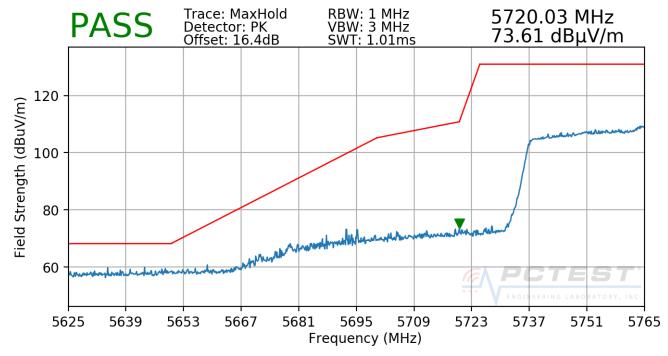
802.11ac

MSC0

3 Meters

5775MHz

155

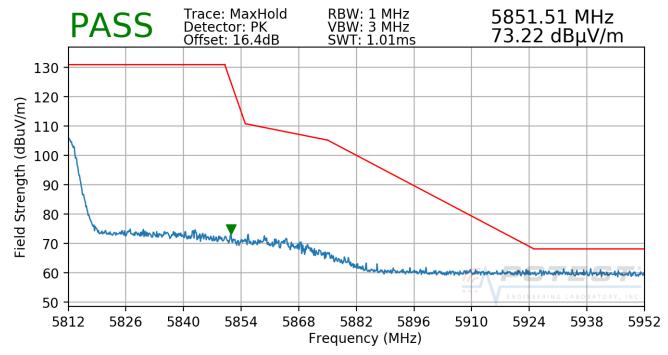


Plot 7-308. Radiated Lower Band Edge Plot SISO CORE 0 (Peak - UNII Band 3)

FCC ID: BCGA1980	ENSINEESING SABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 250 of 202
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 259 of 282



Worst Case Mode: 802.11ac MSC0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5775MHz Channel: 155



Plot 7-309. Radiated Upper Band Edge Plot SISO CORE 0 (Peak – UNII Band 3)\*\*\*

FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 260 of 282
1C1806220013-07.BCG	07/27/2018-09/21/2018	Tablet Device	Page 200 01 202



# 7.6.12 SISO Core 1 Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode:

Worst Case Transfer Rate:

Distance of Measurements:
Operating Frequency:

Channel:

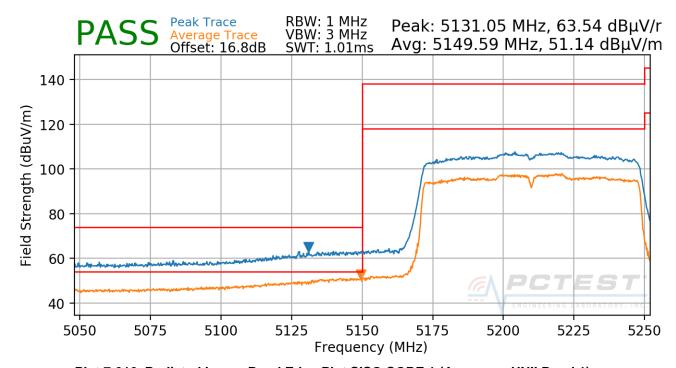
802.11ac

MSC0

3 Meters

5210MHz

42

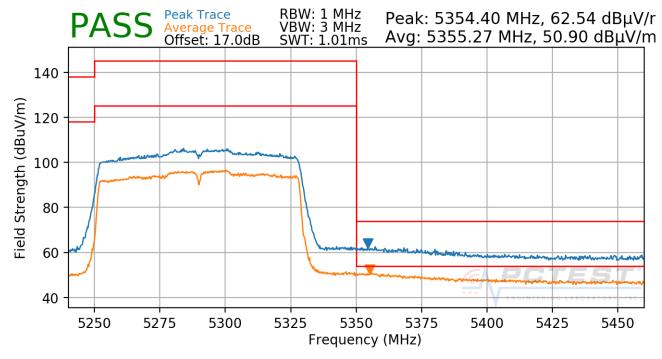


Plot 7-310. Radiated Lower Band Edge Plot SISO CORE 1 (Average – UNII Band 1)

FCC ID: BCGA1980	ENSINTENNS LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Worst Case Mode: 802.11ac
Worst Case Transfer Rate: MSC0
Distance of Measurements: 3 Meters
Operating Frequency: 5290MHz
Channel: 58



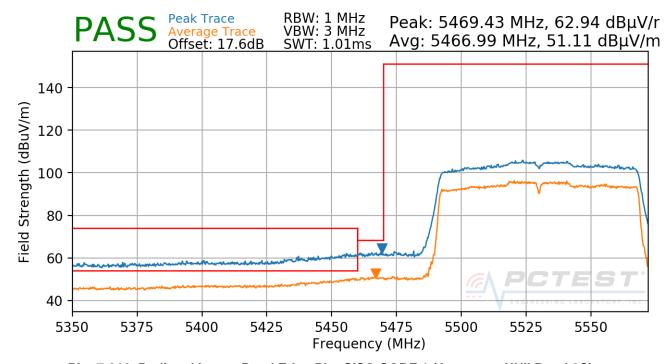
Plot 7-311. Radiated Upper Band Edge Plot SISO CORE 1 (Average – UNII Band 2A)

FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ac
MSC0
3 Meters
5530MHz
106



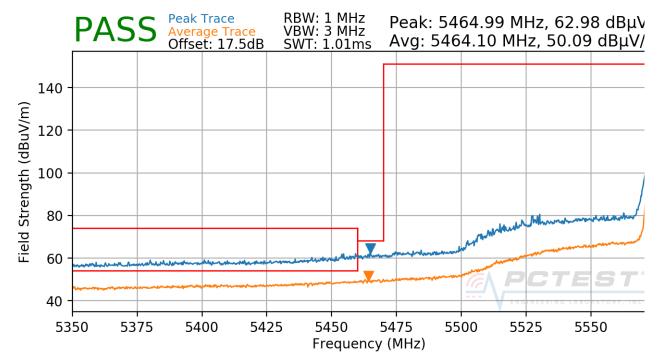
Plot 7-312. Radiated Lower Band Edge Plot SISO CORE 1 (Average – UNII Band 2C)

FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ac
MSC0
3 Meters
5610MHz
122

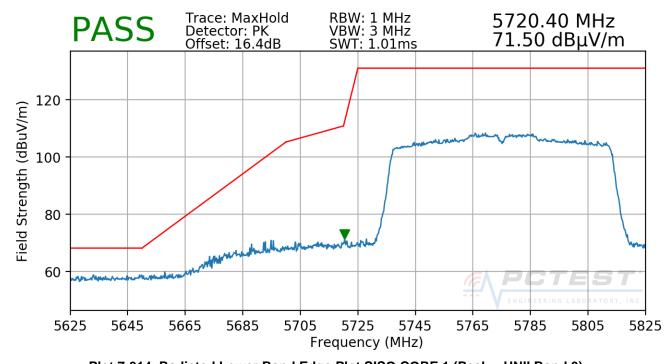


Plot 7-313. Radiated Upper Band Edge Plot SISO CORE 1 (Peak – UNII Band 2C)

FCC ID: BCGA1980	(NEINTENNE SABORATOR, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Worst Case Mode: 802.11ac MSC0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5775MHz Channel: 155

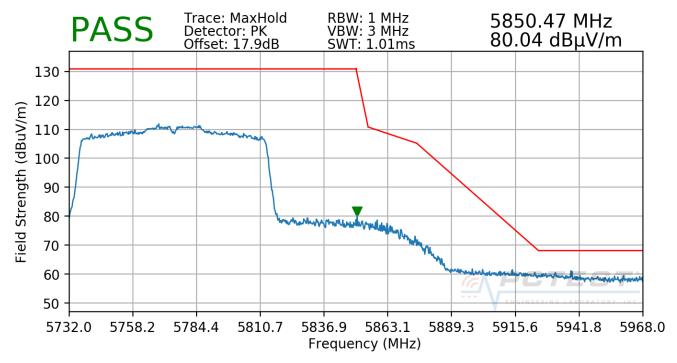


Plot 7-314. Radiated Lower Band Edge Plot SISO CORE 1 (Peak - UNII Band 3)

FCC ID: BCGA1980	(NEINTENNE SABORATOR, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 205 of 202
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Worst Case Mode: 802.11ac MSC0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5775MHz Channel: 155



Plot 7-315. Radiated Upper Band Edge Plot SISO CORE 1 (Peak - UNII Band 3)

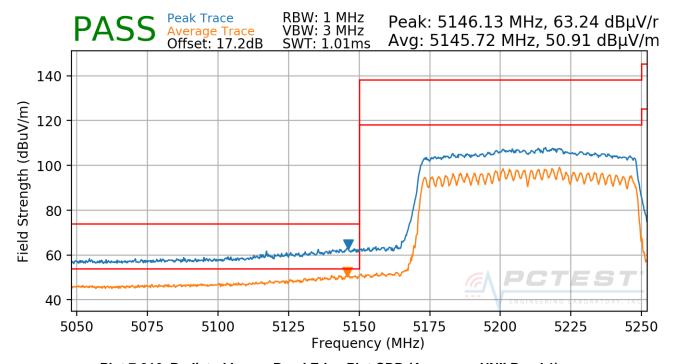
FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 266 of 282
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## 7.6.13 CDD Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode:
Worst Case Transfer Rate:
Distance of Measurements:
Operating Frequency:
Channel:

802.11ac
MCS0
3 Meters
5210MHz
42



Plot 7-316. Radiated Lower Band Edge Plot CDD (Average – UNII Band 1)

FCC ID: BCGA1980	ENSINEESING SABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Worst Case Mode:

Worst Case Transfer Rate:

Distance of Measurements:
Operating Frequency:
Channel:

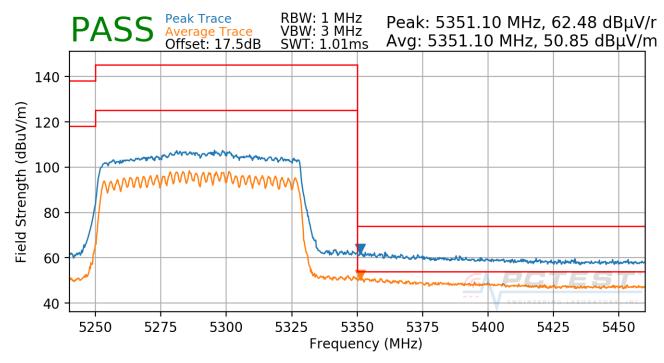
802.11ac

MCS0

3 Meters

5290MHz

58

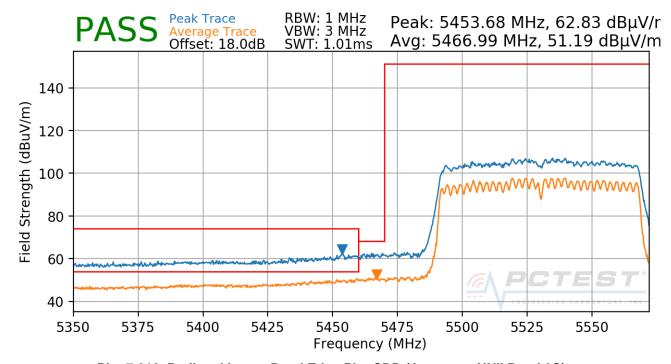


Plot 7-317. Radiated Upper Band Edge Plot CDD (Average – UNII Band 2A)

FCC ID: BCGA1980	(NSINTINIS SABORATOR, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 268 of 282
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Worst Case Mode: 802.11ac MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5530MHz Channel: 106

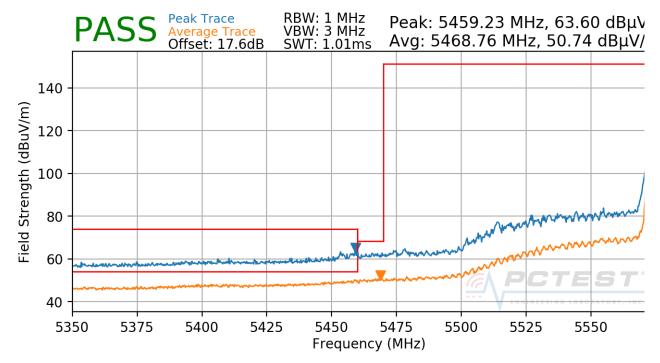


Plot 7-318. Radiated Lower Band Edge Plot CDD (Average – UNII Band 2C)

FCC ID: BCGA1980	PCTEST (HEINTENING EARDRATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Worst Case Mode: 802.11ac MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5610MHz Channel: 122

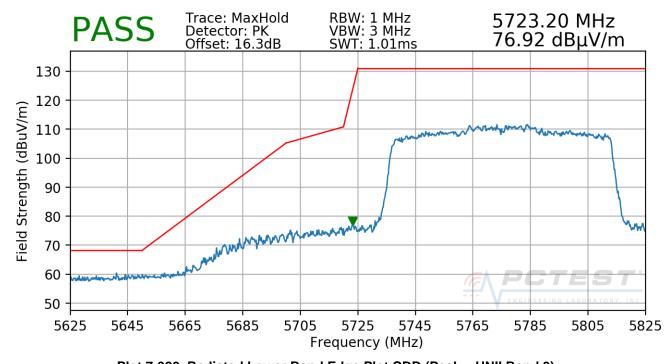


Plot 7-319. Radiated Upper Band Edge Plot CDD (Peak - UNII Band 2C)

FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 270 of 282
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Worst Case Mode: 802.11ac MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5775MHz Channel: 155



Plot 7-320. Radiated Lower Band Edge Plot CDD (Peak - UNII Band 3)

FCC ID: BCGA1980	(NEINTENNE SABORATOR, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 271 of 282
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802.11ac Worst Case Mode: MCS0 Worst Case Transfer Rate: Distance of Measurements: 3 Meters Operating Frequency: 5775MHz Channel: 155

	PASS D		Trace: MaxHold Detector: PK Offset: 16.5dB		RBW: 1 MHz VBW: 3 MHz SWT: 1.01ms		5863.75 MHz 75.34 dBμV/m				
	130 -										
<u>(</u>	120 -										
Field Strength (dBuV/m)	110 -	WWW	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	May	myn						
h (dE	100 -										
engt	90 -										
str	80 -				have	my	. Y				
Field	70 -					7177700	MUNAHAMA	Win.			
	60 -							Mannay	Arriaghty Arries		who die was plant
	50 -							-	ENGI	NEERING LABO	DRATORY, INC.
	57	32 57	56 57	780 58	04 58	28 58 Freque	52 58 ncy (MHz		00 59	24 59	948 5972

Plot 7-321. Radiated Upper Band Edge Plot CDD (Peak – UNII Band 3)

FCC ID: BCGA1980	PCTEST (HEINTERS LABORATORY, IXC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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## 7.7 Radiated Spurious Emissions Measurements – Below 1GHz §15.209; RSS-Gen [8.9]

### **Test Overview and Limit**

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates and modes were investigated for radiated spurious emissions. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 6 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-75 per Section 15.209 and RSS-Gen (8.9).

Frequency	Field Strength [μV/m]	Measured Distance [Meters]
0.009 - 0.490 MHz	2400/F (kHz)	300
0.490 – 1.705 MHz	24000/F (kHz)	30
1.705 – 30.00 MHz	30	30
30.00 – 88.00 MHz	100	3
88.00 – 216.0 MHz	150	3
216.0 – 960.0 MHz	200	3
Above 960.0 MHz	500	3

Table 7-75. Radiated Limits

## **Test Procedures Used**

ANSI C63.10-2013

### **Test Settings**

### **Quasi-Peak Field Strength Measurements**

- 1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- RBW = 120kHz (for emissions from 30MHz 1GHz)
- 3. Detector = quasi-peak
- 4. Sweep time = auto couple
- 5. Trace mode = max hold
- Trace was allowed to stabilize

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