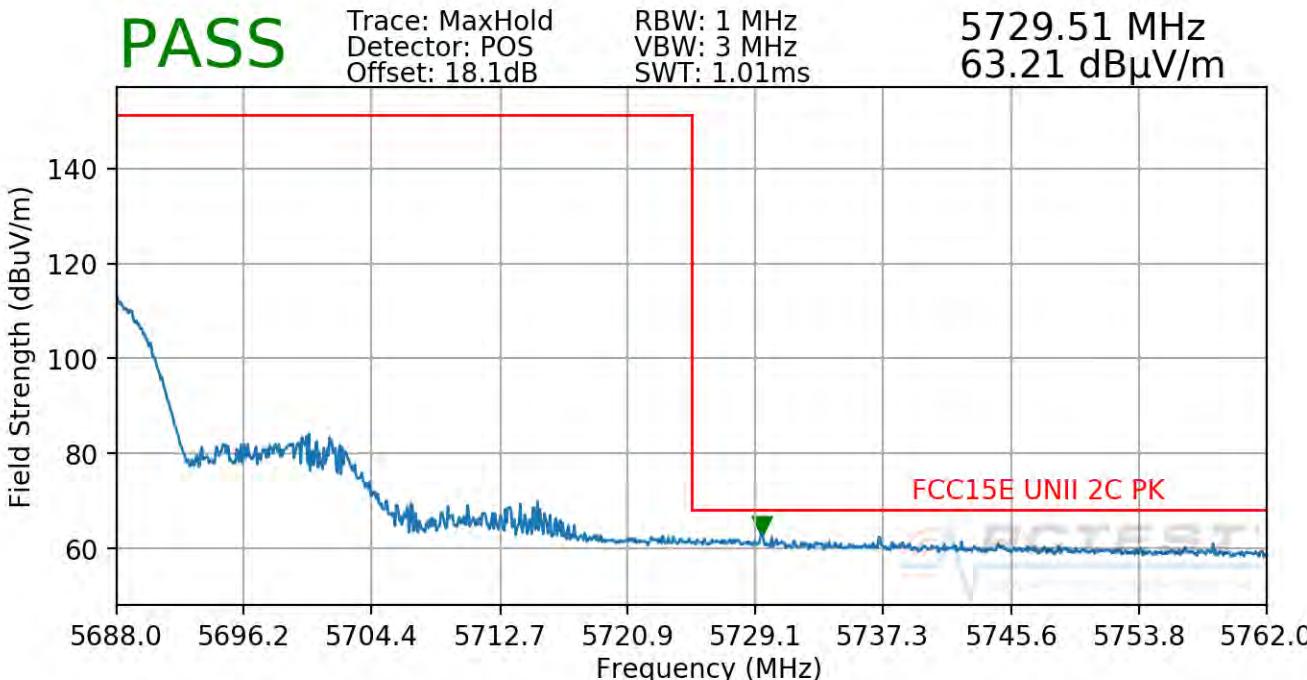


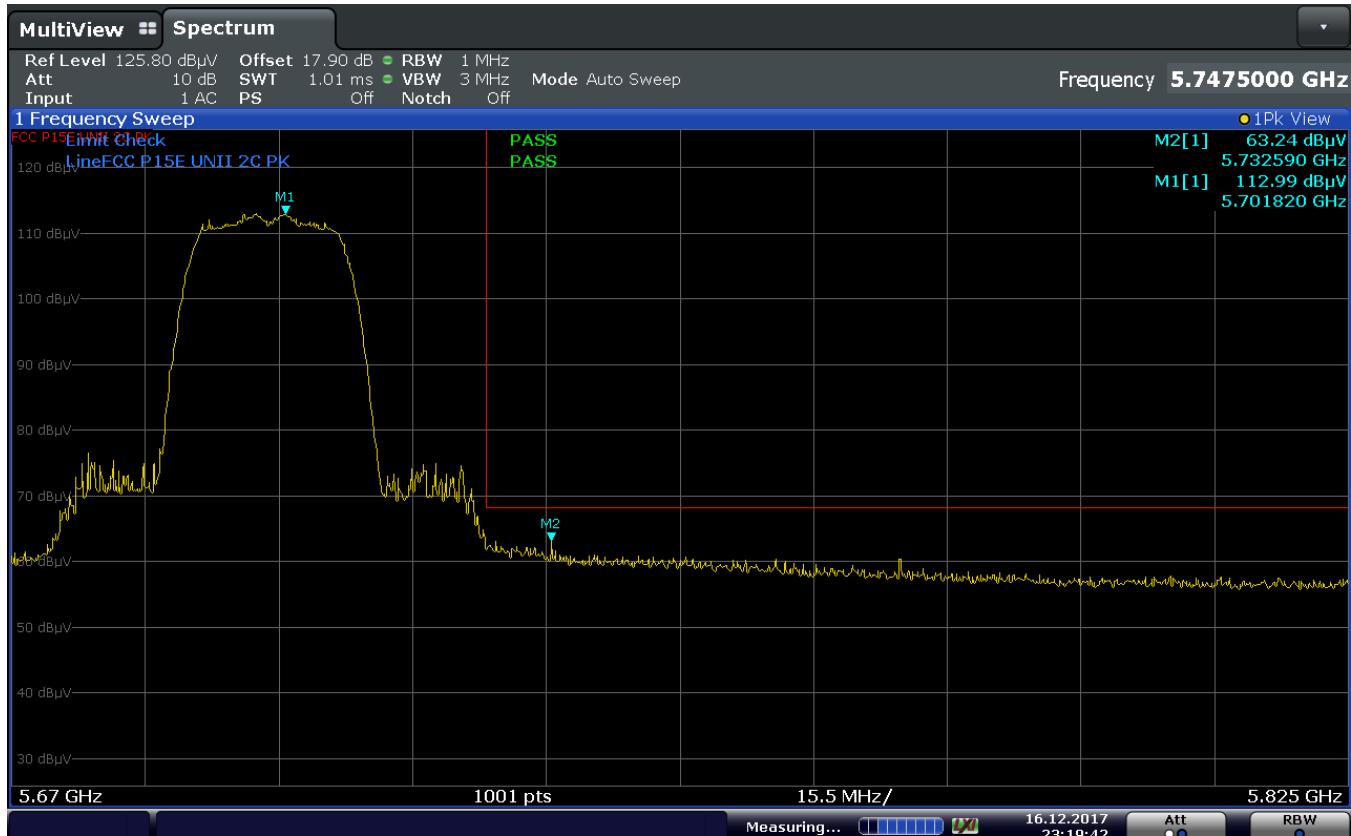
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5680MHz
 Channel: 136



Plot 7-332. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Average & Peak UNII Band 2C)

FCC ID: BCGA1893	 PCTEST® <small>ENGINEERING LABORATORY, INC.</small>	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 240 of 298	

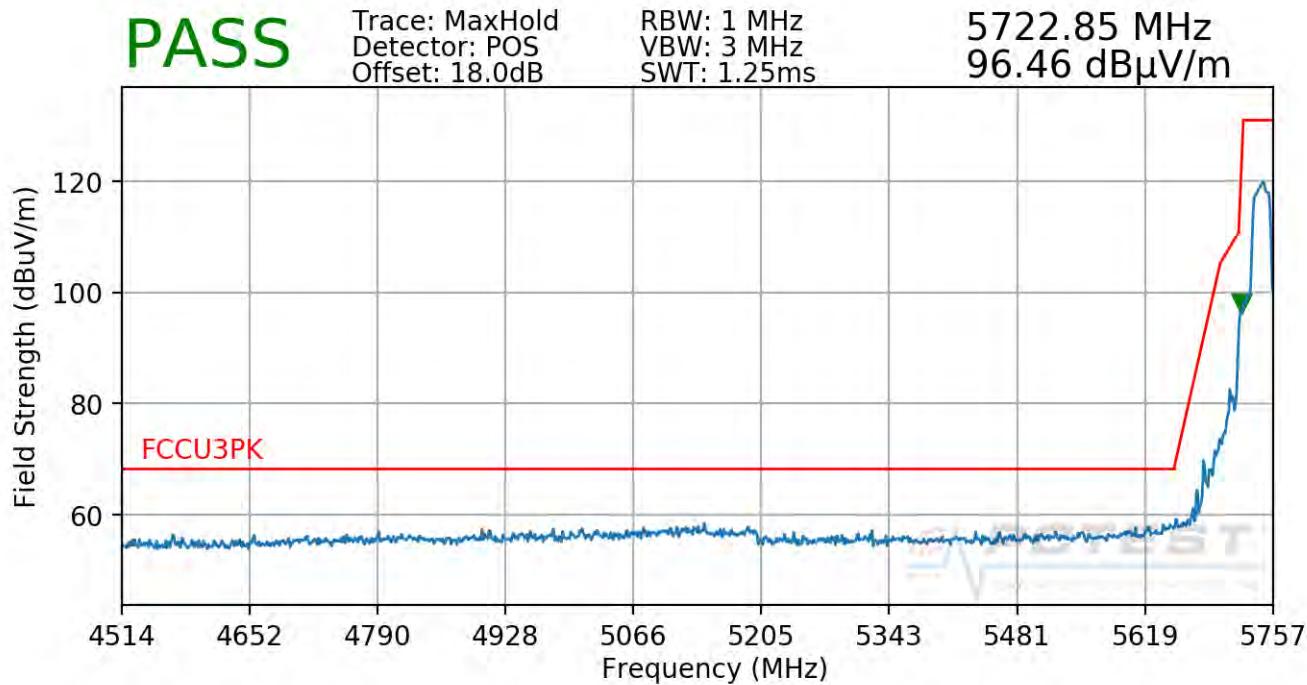
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5700MHz
 Channel: 140



Plot 7-333. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Average & Peak UNII Band 2C)

FCC ID: BCGA1893		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 241 of 298

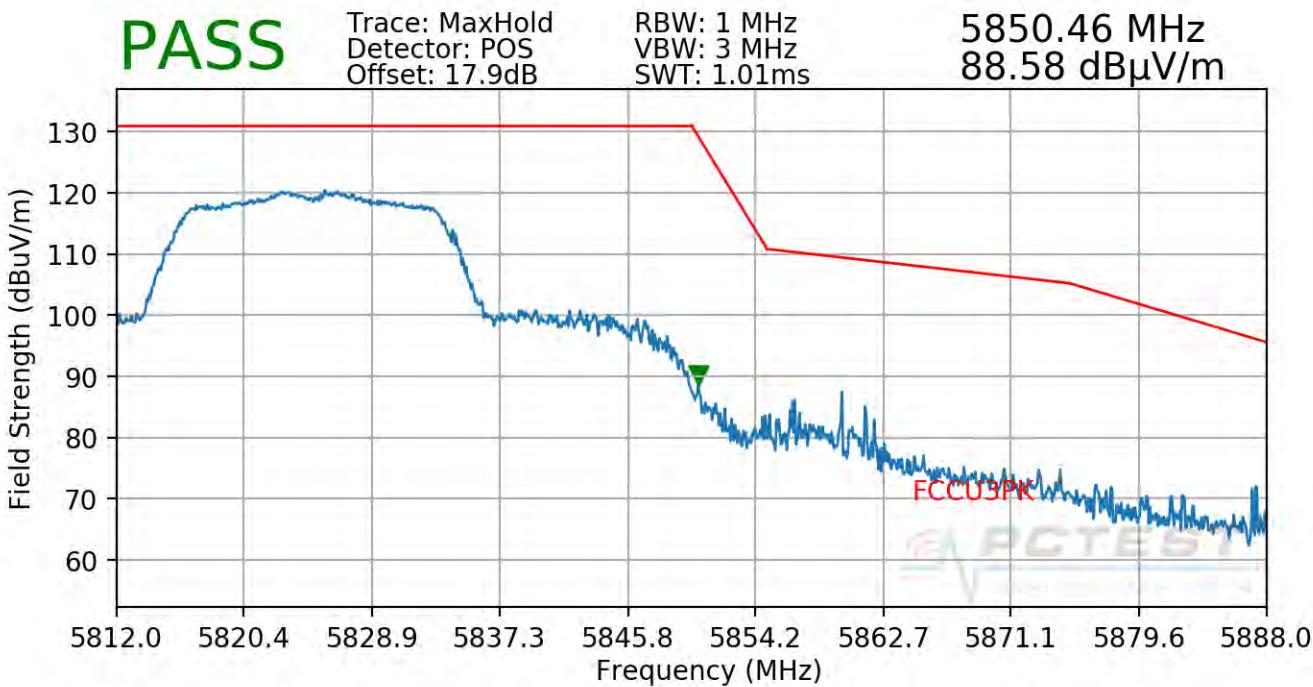
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5745MHz
 Channel: 149



Plot 7-334. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Peak UNII Band 3)

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 242 of 298

Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165



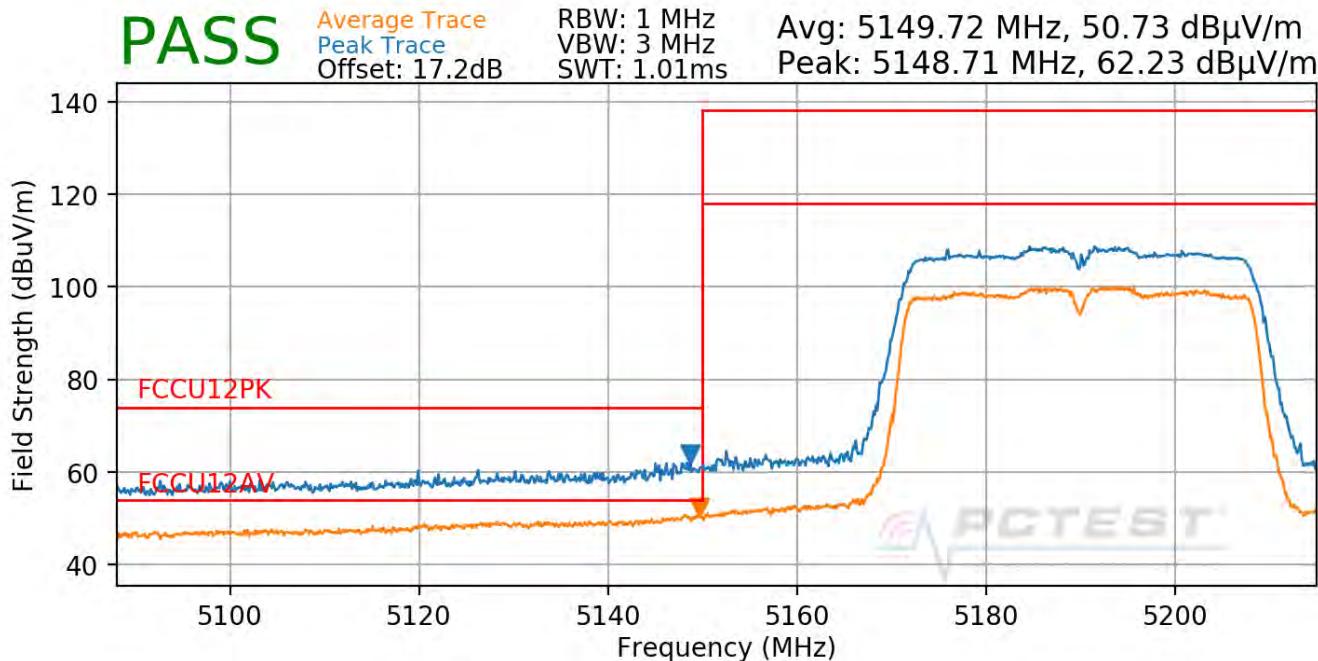
Plot 7-335. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Peak UNII Band 3)

FCC ID: BCGA1893	 PCTEST® <small>ENGINEERING LABORATORY, INC.</small>	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 243 of 298	

6.7.8 Antenna-2 Radiated Band Edge Measurements (40MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

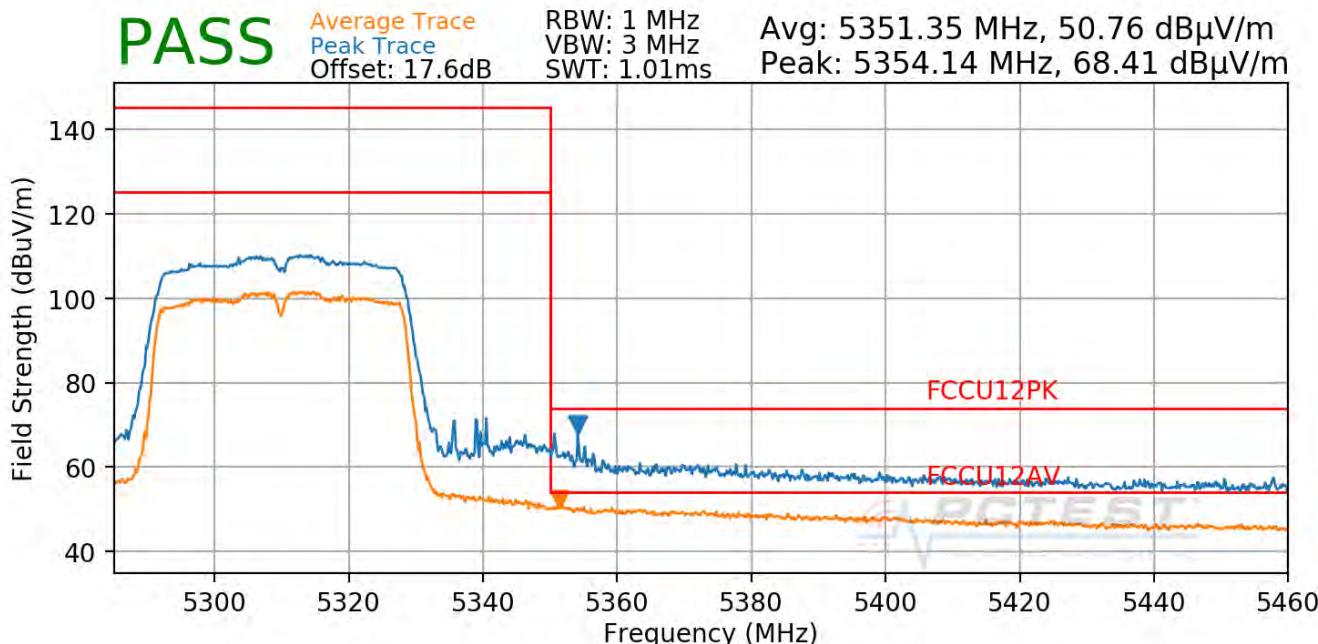
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5190MHz
 Channel: 38



Plot 7-336. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average & Peak UNII Band 1)

FCC ID: BCGA1893	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 244 of 298

Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5310MHz
 Channel: 62



Plot 7-337. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Average & Peak UNII Band 2A)

FCC ID: BCGA1893	PCTEST ENGINEERING LABORATORY, INC.		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 245 of 298	

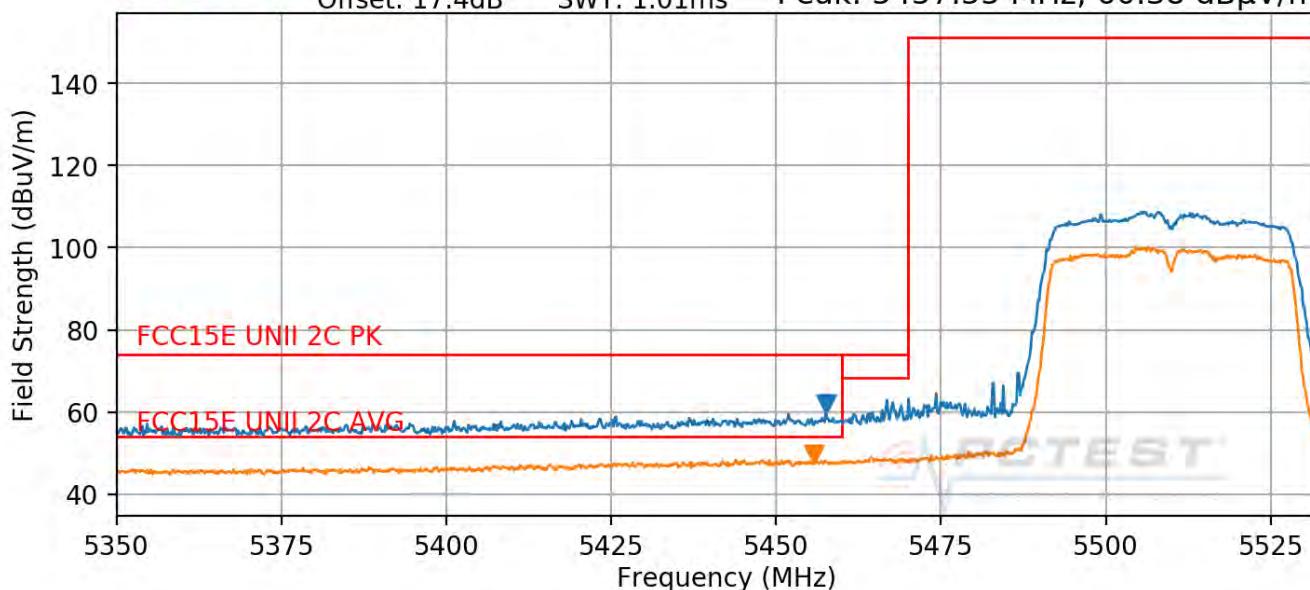
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5510MHz
 Channel: 102

PASS

Average Trace
 Peak Trace
 Offset: 17.4dB

RBW: 1 MHz
 VBW: 3 MHz
 SWT: 1.01ms

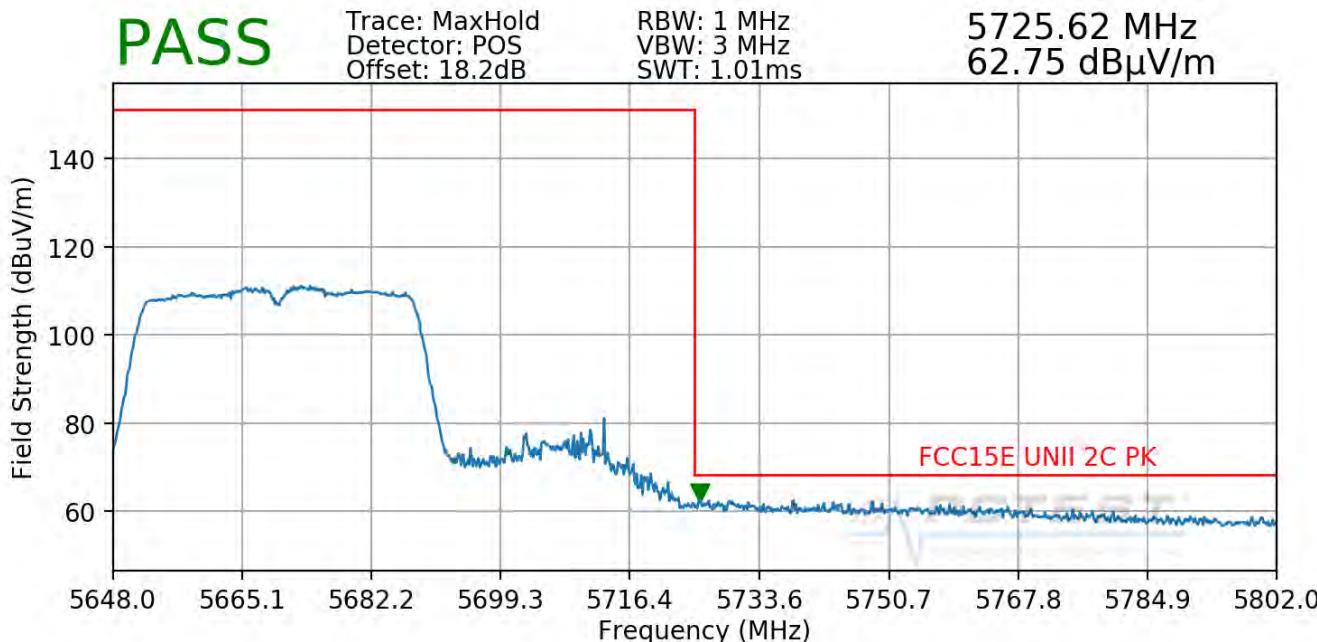
Avg: 5455.73 MHz, 48.28 dB μ V/m
 Peak: 5457.55 MHz, 60.38 dB μ V/m



Plot 7-338. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average & Peak UNII Band 2C)

FCC ID: BCGA1893	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 246 of 298

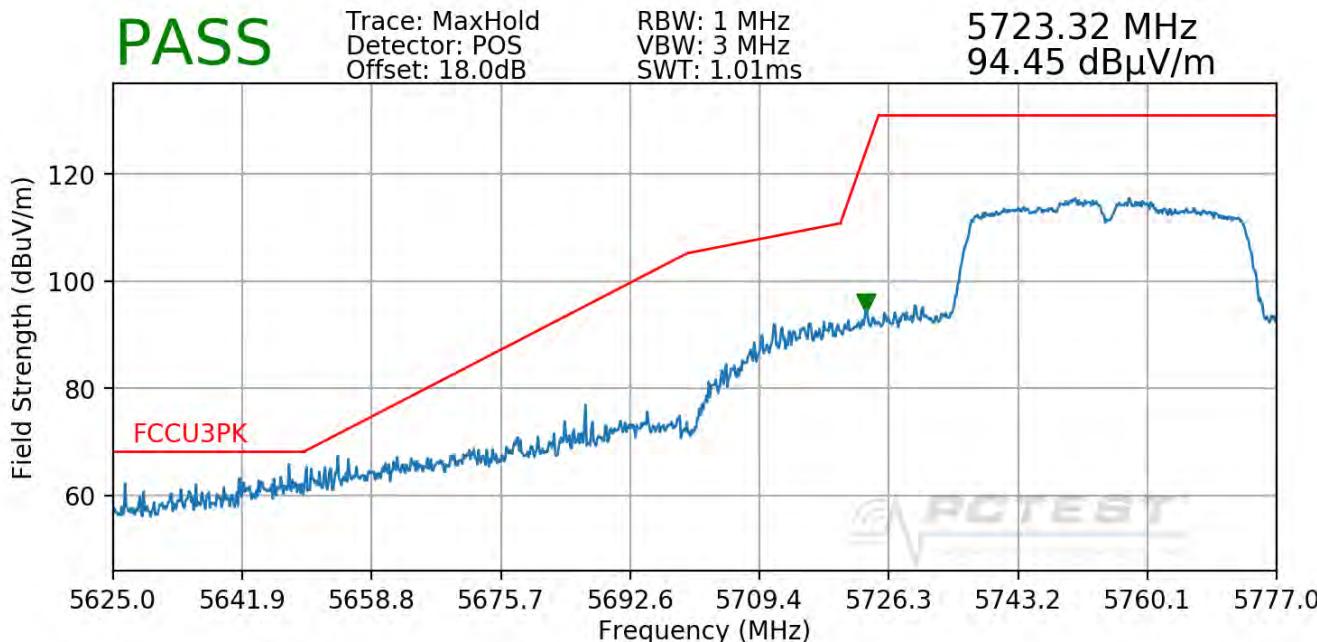
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5670MHz
 Channel: 134



Plot 7-339. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Peak UNII Band 2C)

FCC ID: BCGA1893	PCTEST ENGINEERING LABORATORY, INC.			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device			

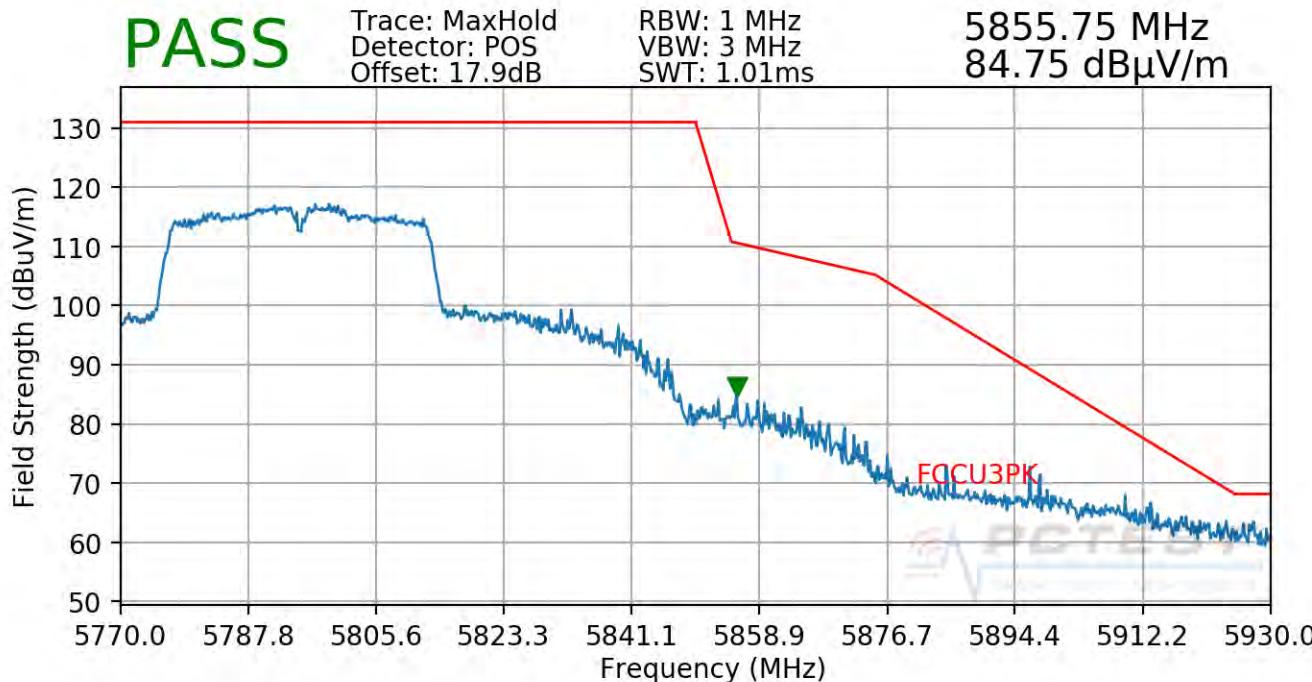
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5755MHz
 Channel: 151



Plot 7-340. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Peak UNII Band 3)

FCC ID: BCGA1893	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 248 of 298

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



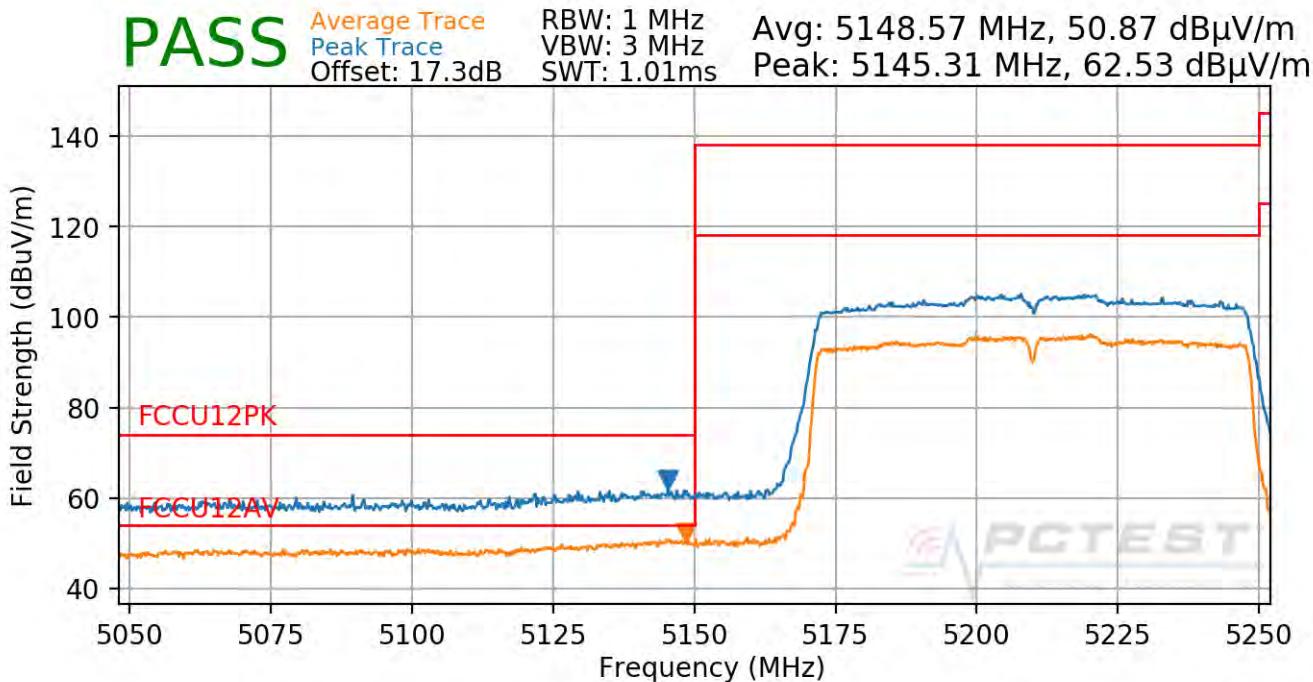
Plot 7-341. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Peak UNII Band 3)

FCC ID: BCGA1893	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device		Page 249 of 298

6.7.9 Antenna-2 Radiated Band Edge Measurements (80MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

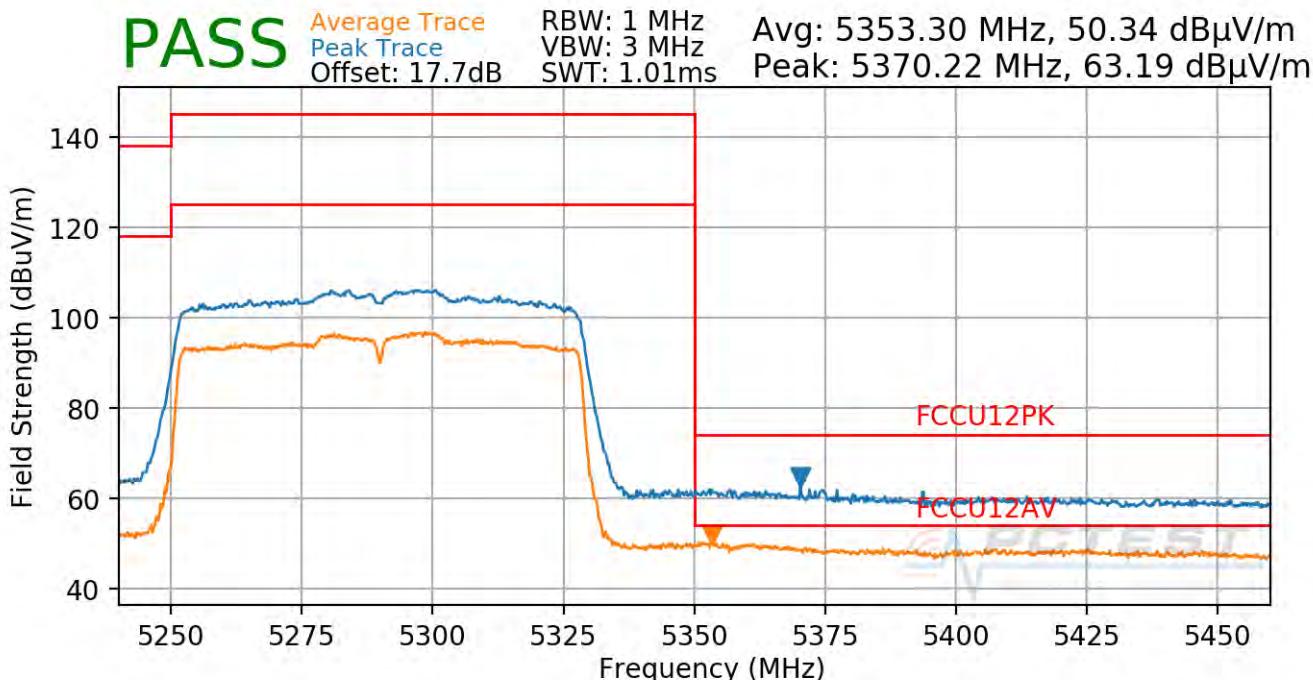
Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5210MHz
 Channel: 42



Plot 7-342. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average & Peak UNII Band 1)

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 250 of 298

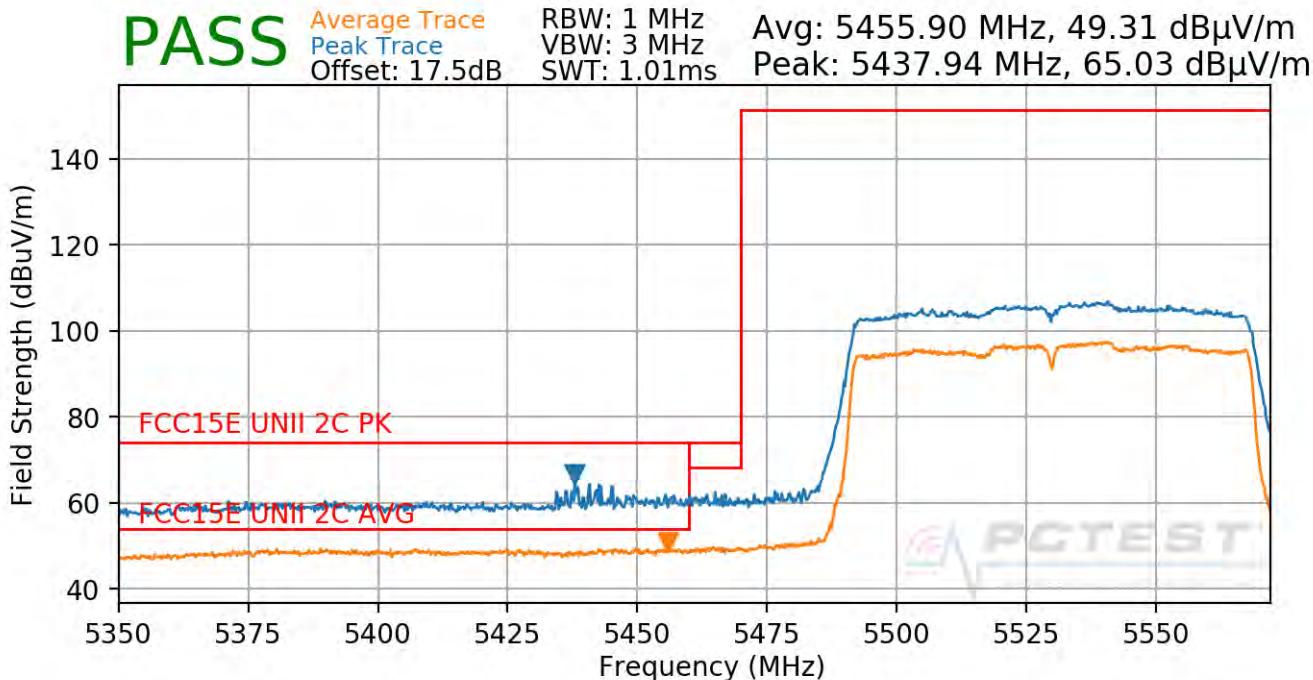
Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5290MHz
 Channel: 58



Plot 7-343. Radiated Restricted Upper Band Edge Measurement SISO ANT2 (Average & Peak UNII Band 2A)

FCC ID: BCGA1893	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 251 of 298

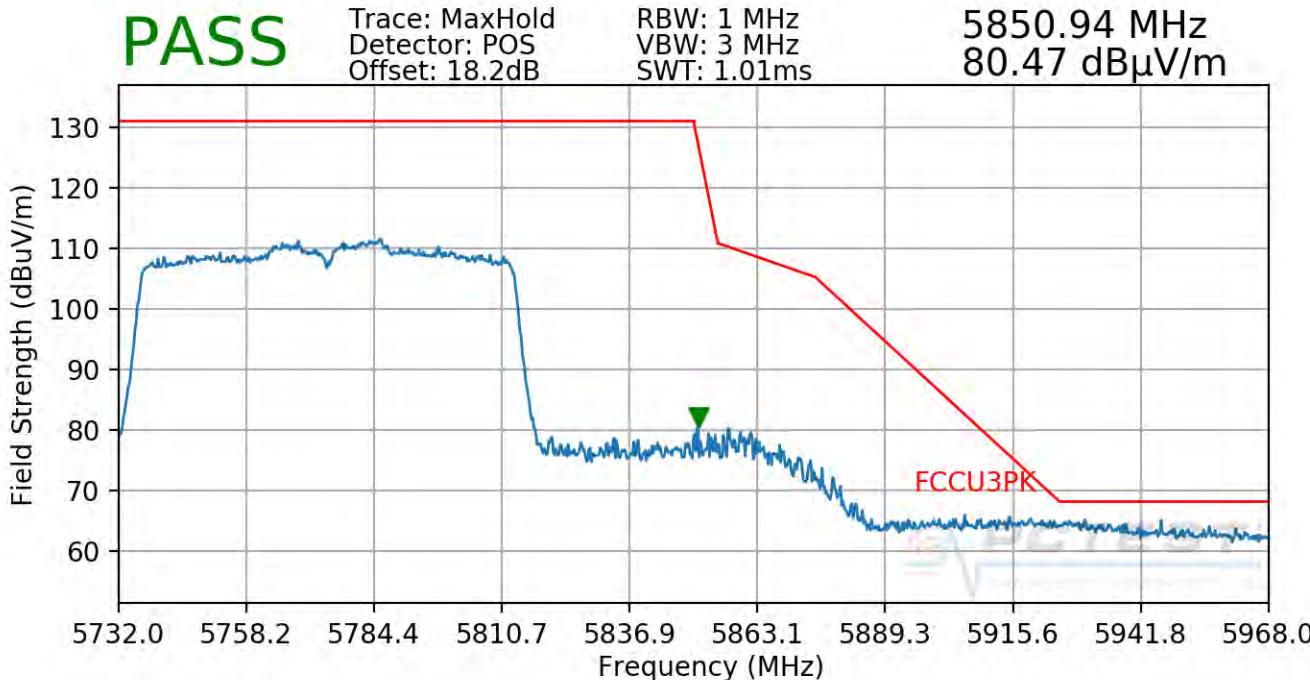
Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5530MHz
 Channel: 106



Plot 7-344. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Average & Peak UNII Band 2C)

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 252 of 298	

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5775MHz
 Channel: 155



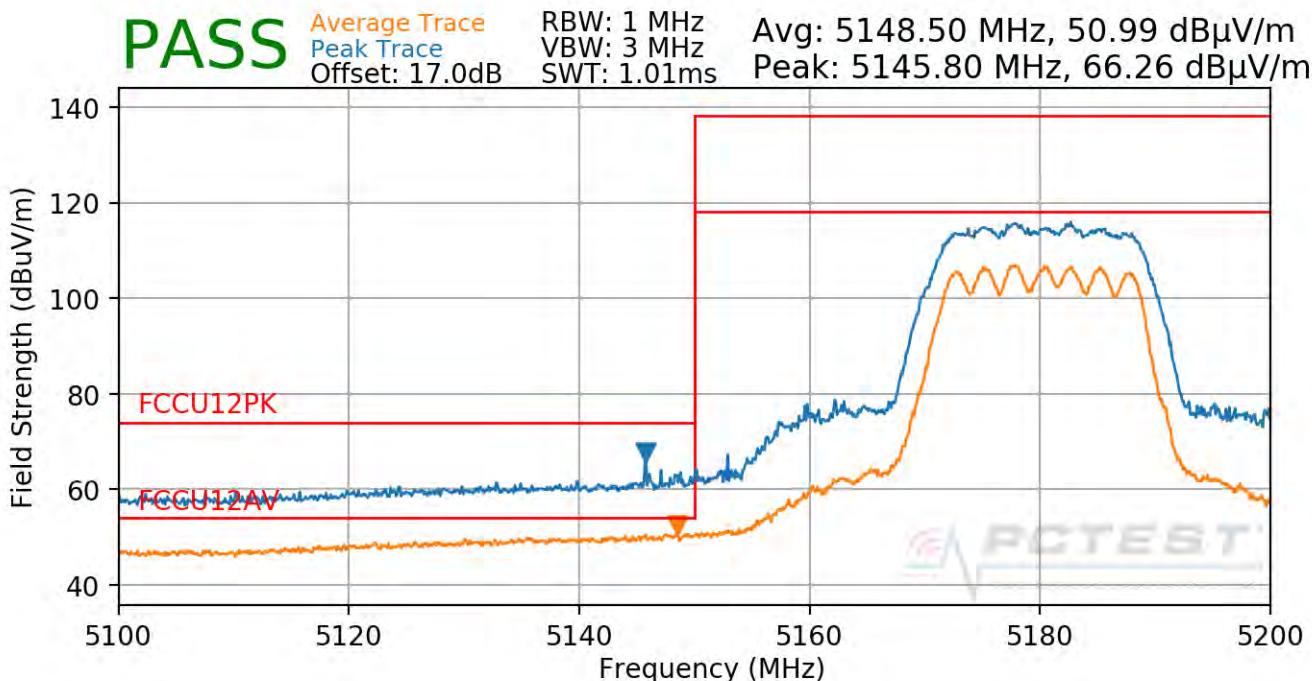
Plot 7-345. Radiated Restricted Lower Band Edge Measurement SISO ANT2 (Peak UNII Band 3)

FCC ID: BCGA1893	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device		Page 253 of 298

6.7.10 MIMO Radiated Band Edge Measurements (20MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

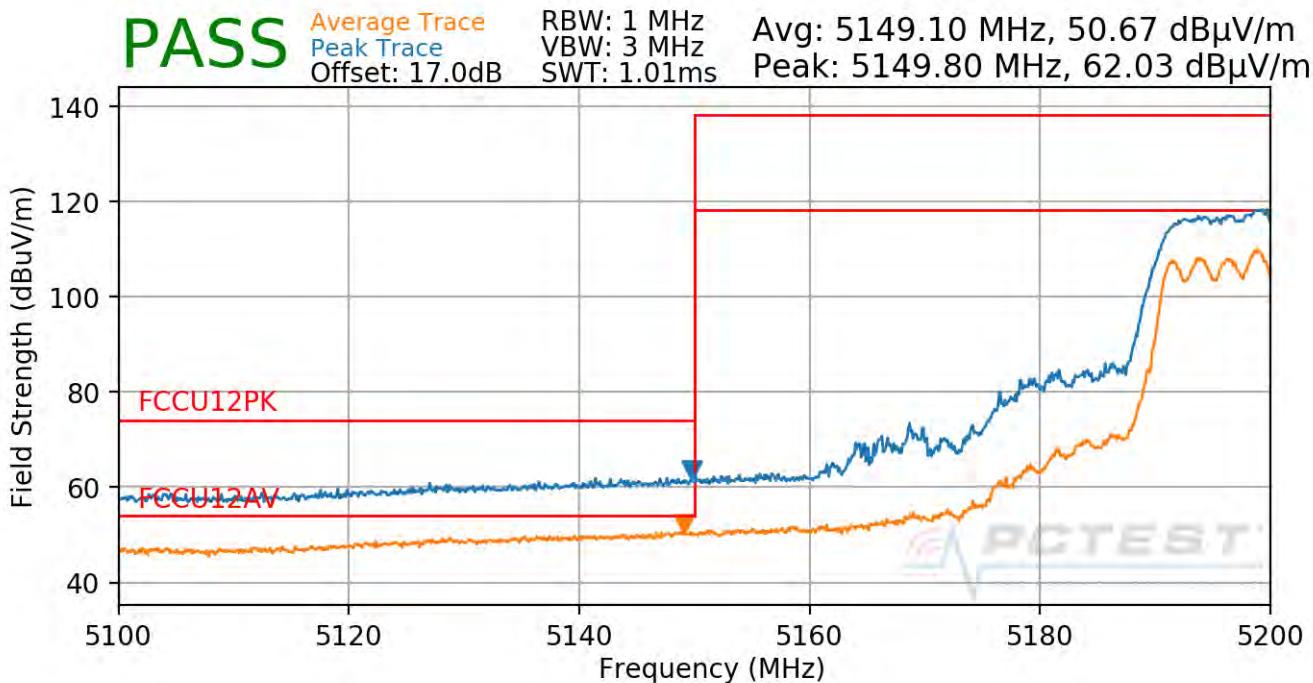
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5180MHz
 Channel: 36



Plot 7-346. Radiated Restricted Lower Band Edge Measurement MIMO (Average & Peak UNII Band 1)

FCC ID: BCGA1893	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 254 of 298

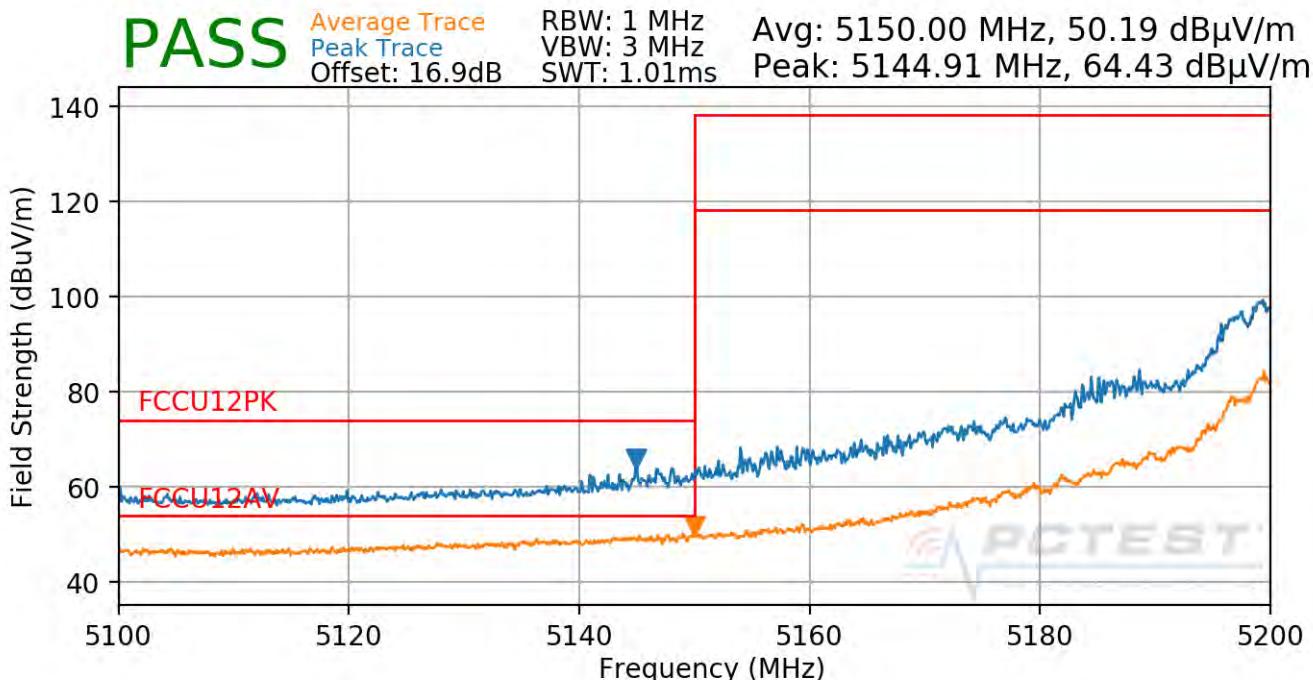
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5200MHz
 Channel: 40



Plot 7-347. Radiated Restricted Lower Band Edge Measurement MIMO (Average & Peak UNII Band 1)

FCC ID: BCGA1893	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 255 of 298

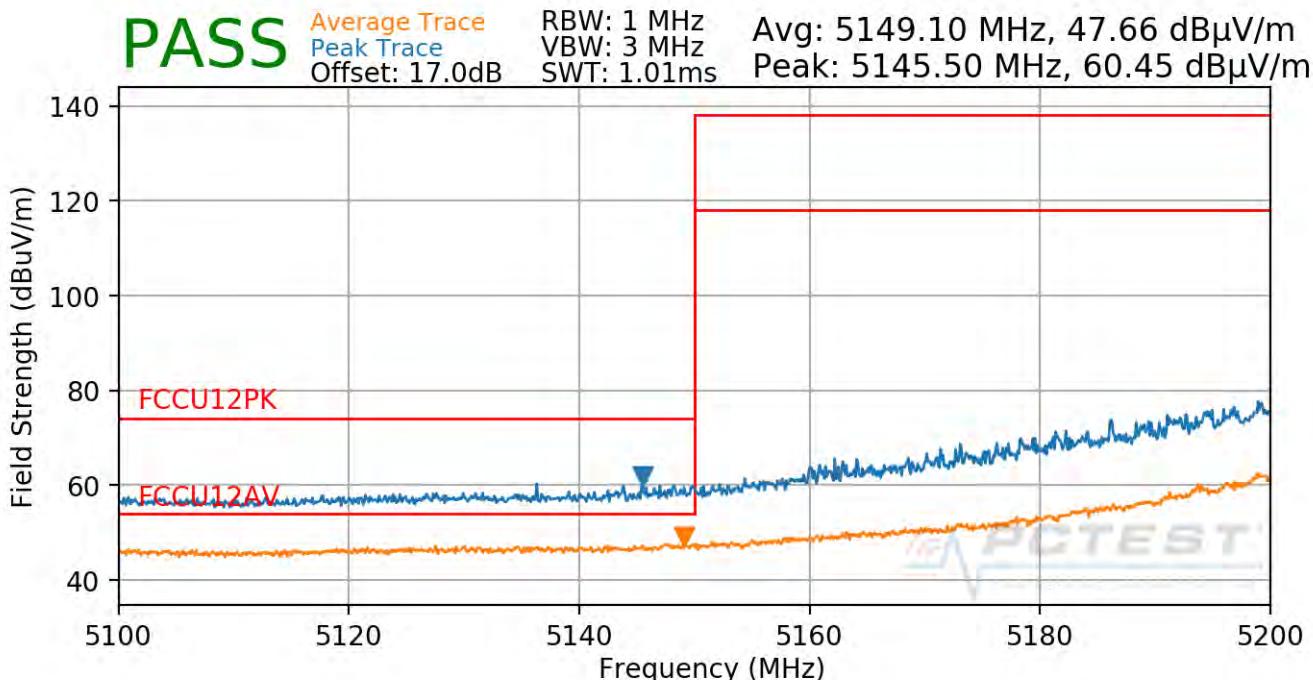
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5220MHz
 Channel: 44



Plot 7-348. Radiated Restricted Lower Band Edge Measurement MIMO (Average & Peak UNII Band 1)

FCC ID: BCGA1893	 PCTEST® <small>ENGINEERING LABORATORY, INC.</small>	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 256 of 298	

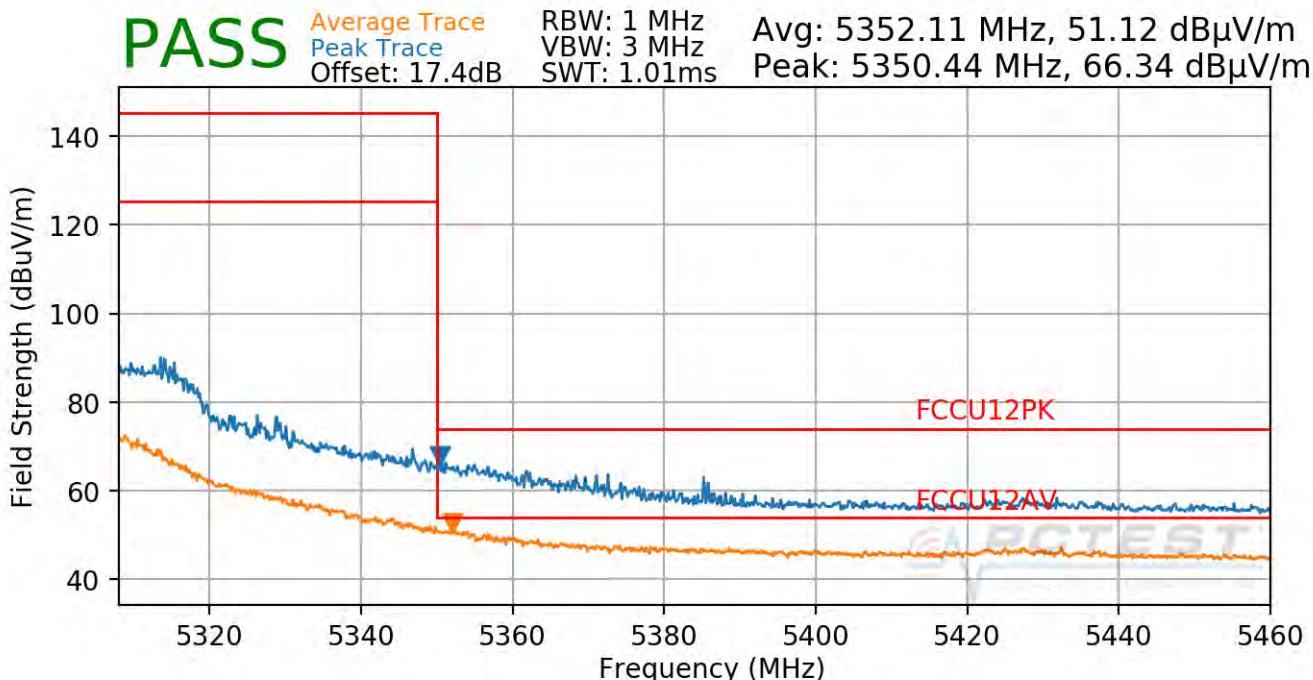
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5240MHz
 Channel: 48



Plot 7-349. Radiated Restricted Lower Band Edge Measurement MIMO (Average & Peak UNII Band 1)

FCC ID: BCGA1893	PCTEST ENGINEERING LABORATORY, INC.			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device			
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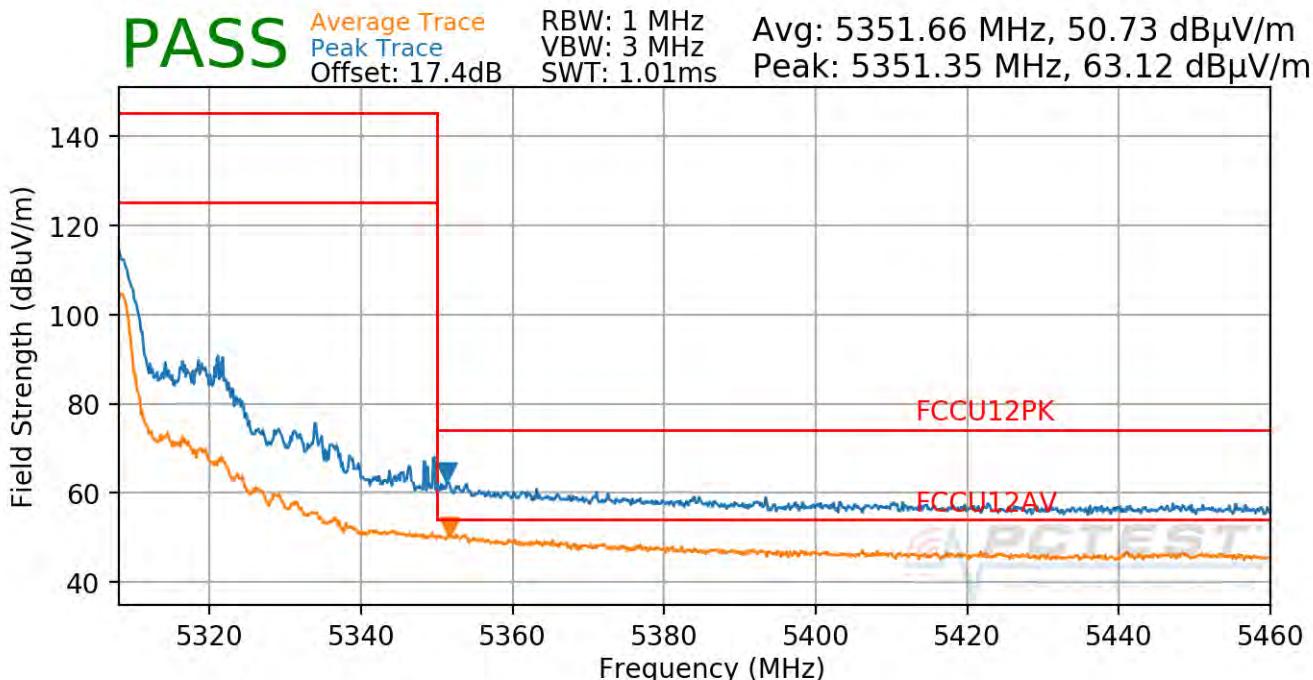
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5280MHz
 Channel: 56



Plot 7-350. Radiated Restricted Upper Band Edge Measurement MIMO (Average & Peak UNII Band 2A)

FCC ID: BCGA1893	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 258 of 298

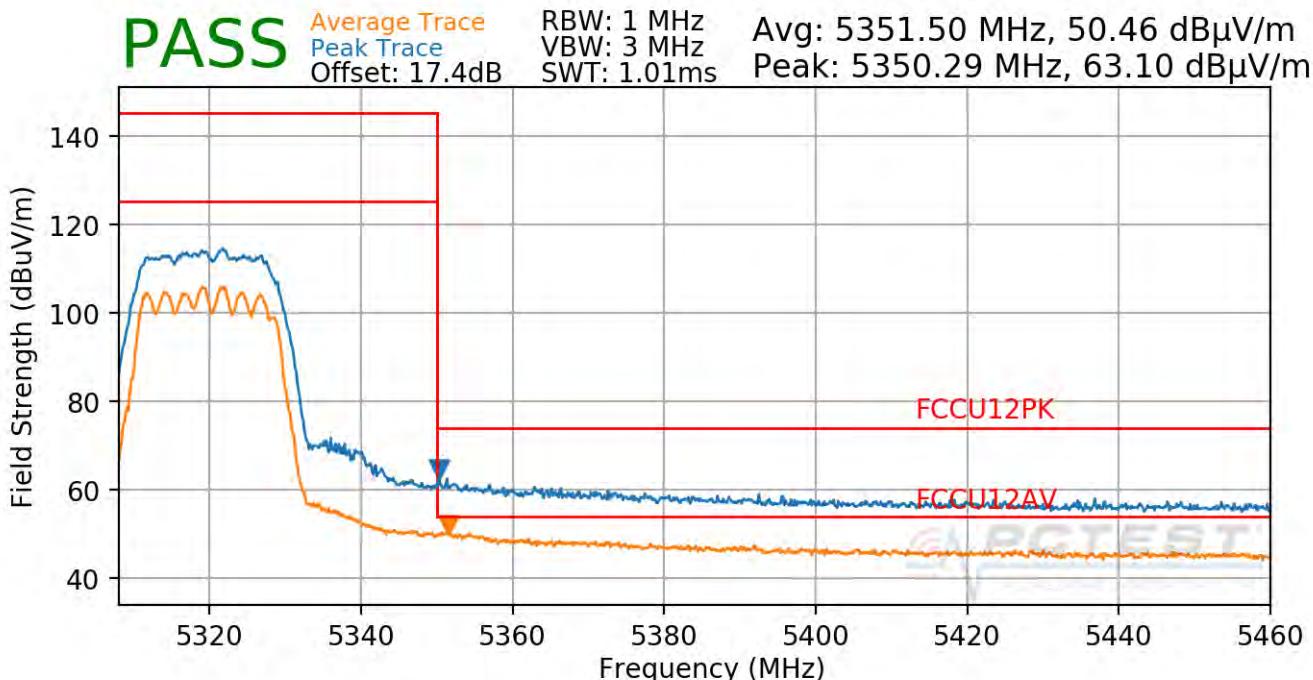
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5200MHz
 Channel: 60



Plot 7-351. Radiated Restricted Upper Band Edge Measurement MIMO (Average & Peak UNII Band 2A)

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 259 of 298

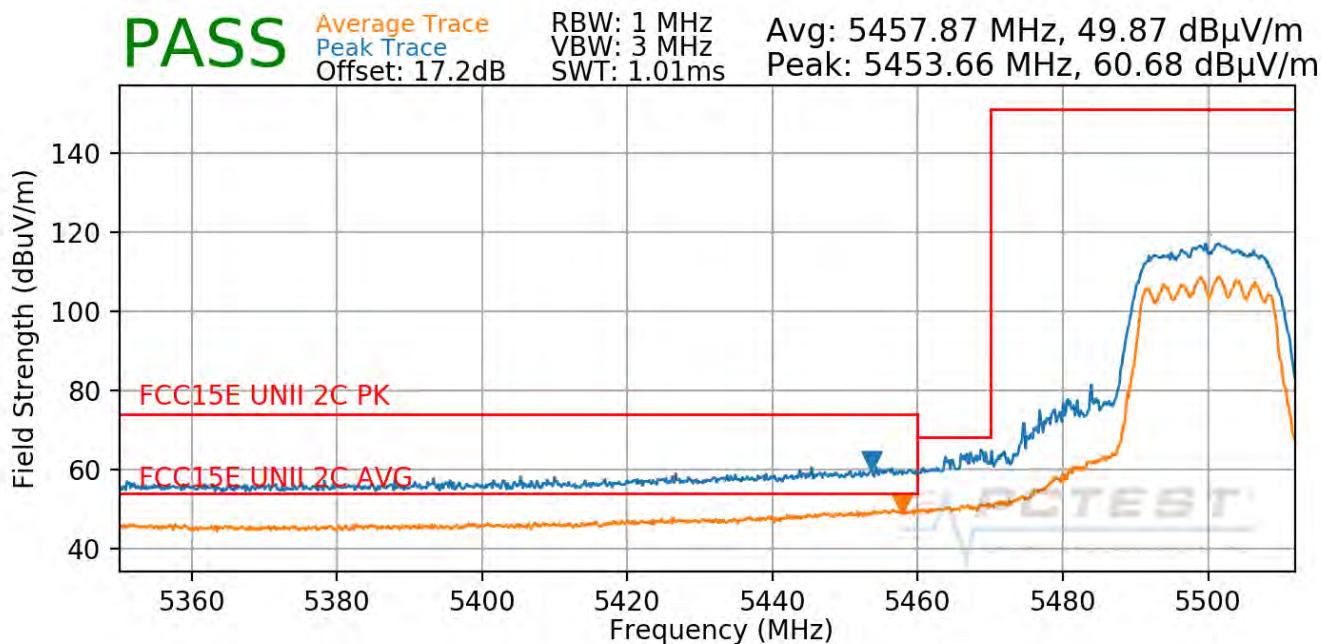
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5200MHz
 Channel: 64



Plot 7-352. Radiated Restricted Upper Band Edge Measurement MIMO (Average & Peak UNII Band 2A)

FCC ID: BCGA1893	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 260 of 298

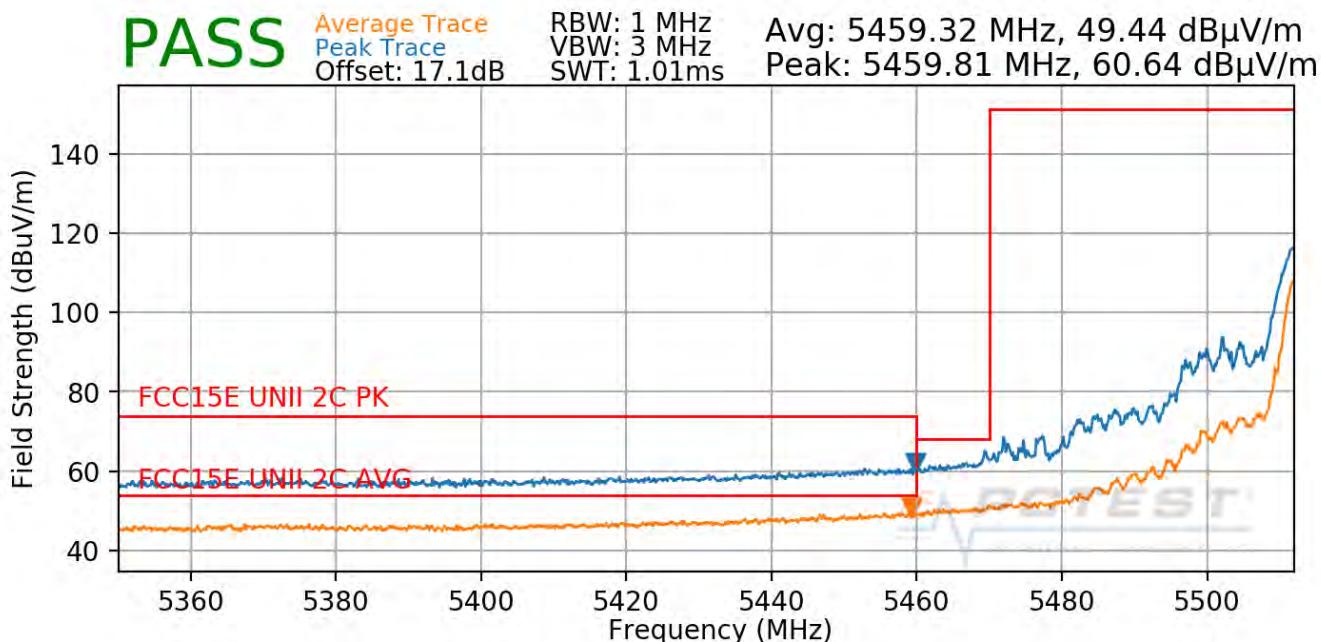
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5500MHz
 Channel: 100



Plot 7-353. Radiated Restricted Lower Band Edge Measurement MIMO (Average & Peak UNII Band 2C)

FCC ID: BCGA1893	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 261 of 298

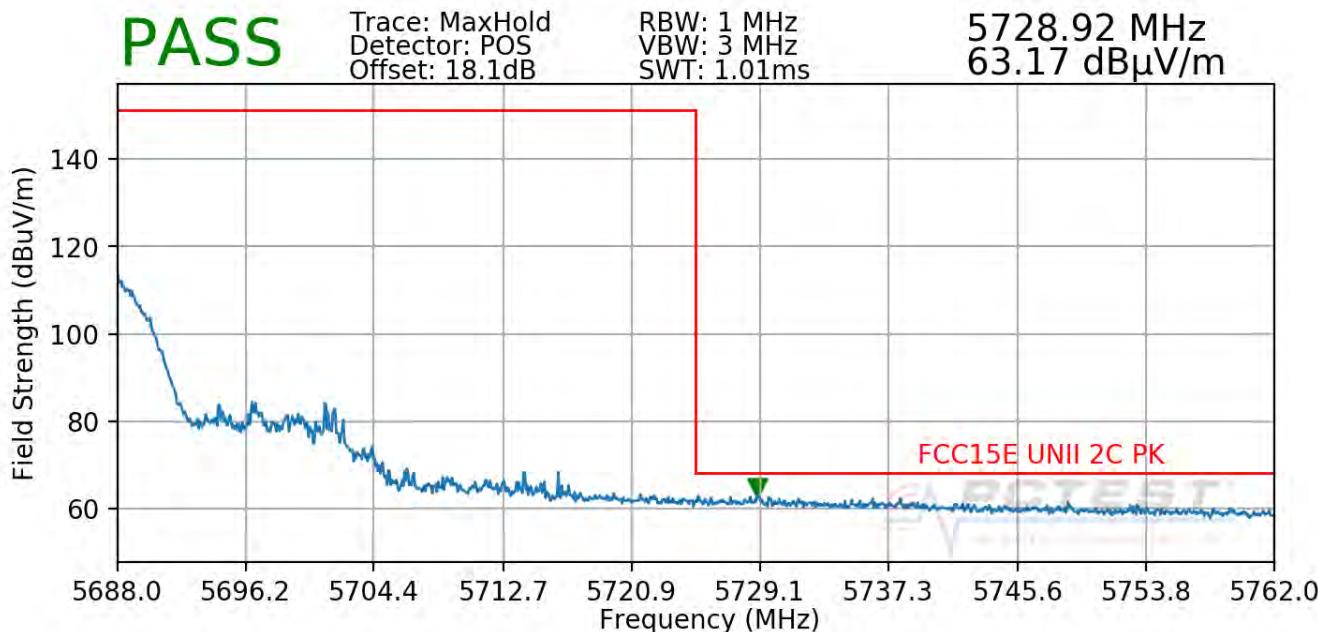
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 5520MHz
Channel: 104



Plot 7-354. Radiated Restricted Lower Band Edge Measurement MIMO (Average & Peak UNII Band 2C)

FCC ID: BCGA1893	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 262 of 298

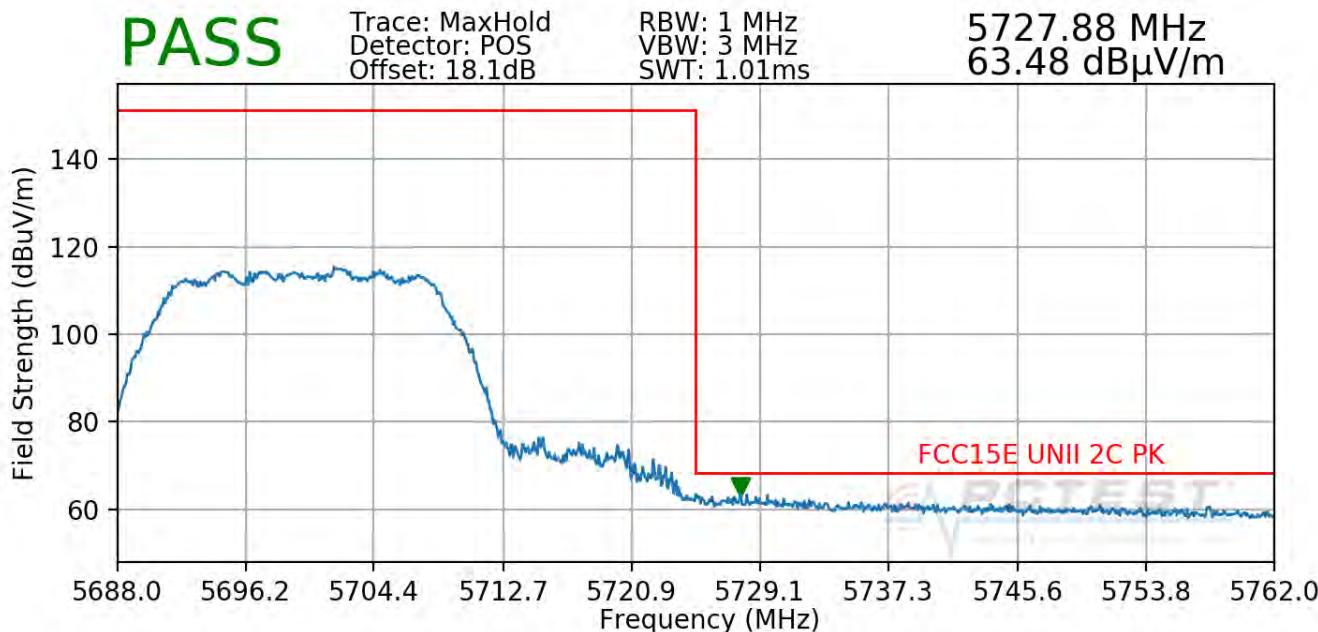
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5680MHz
 Channel: 136



Plot 7-355. Radiated Restricted Upper Band Edge Measurement MIMO (Average & Peak UNII Band 2C)

FCC ID: BCGA1893	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 263 of 298

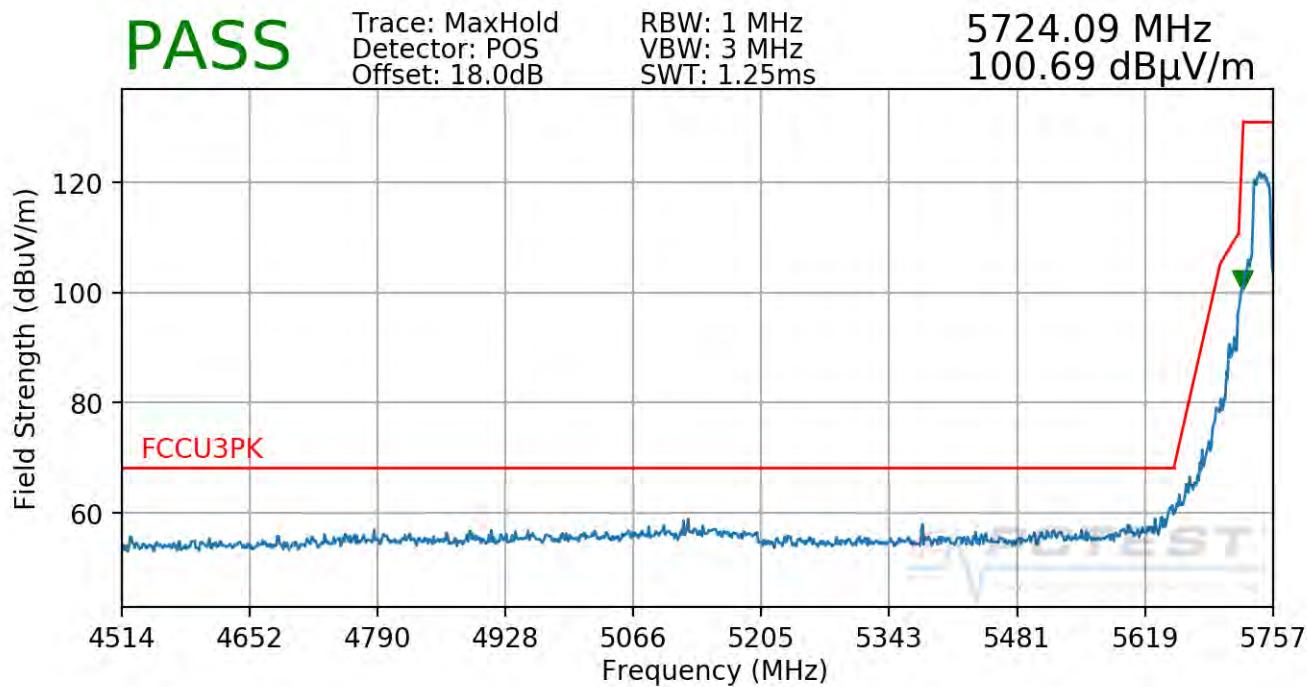
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5700MHz
 Channel: 140



Plot 7-356. Radiated Restricted Upper Band Edge Measurement MIMO (Peak UNII Band 2C)

FCC ID: BCGA1893	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 264 of 298

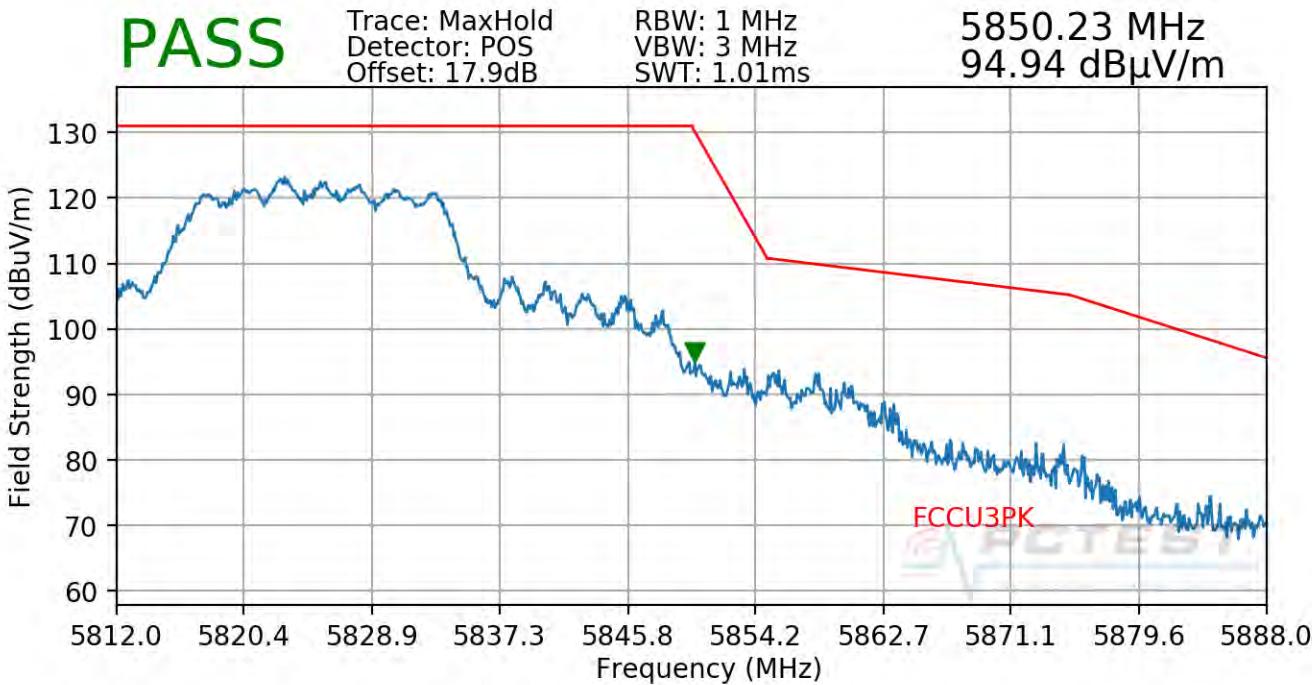
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5745MHz
 Channel: 149



Plot 7-357. Radiated Restricted Lower Band Edge Measurement MIMO (Peak UNII Band 3)

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 265 of 298

Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165



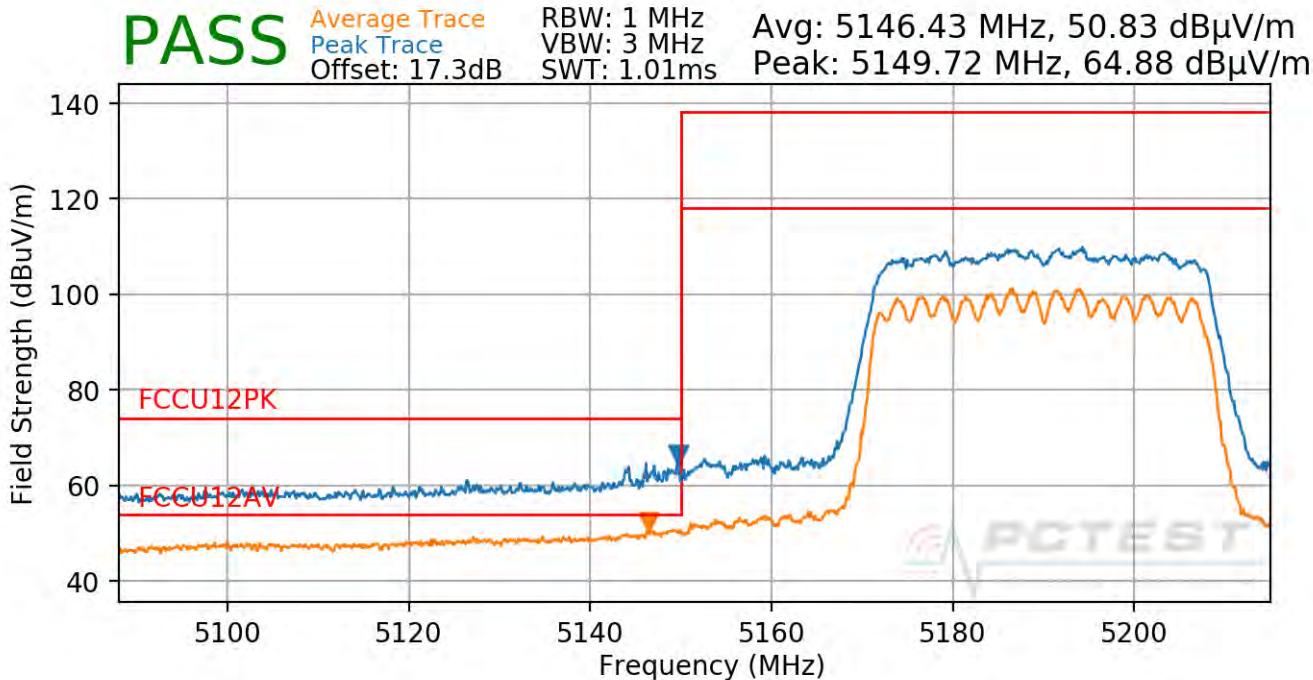
Plot 7-358. Radiated Restricted Upper Band Edge Measurement MIMO (Peak UNII Band 3)

FCC ID: BCGA1893		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 266 of 298

6.7.11 MIMO Radiated Band Edge Measurements (40MHz BW)

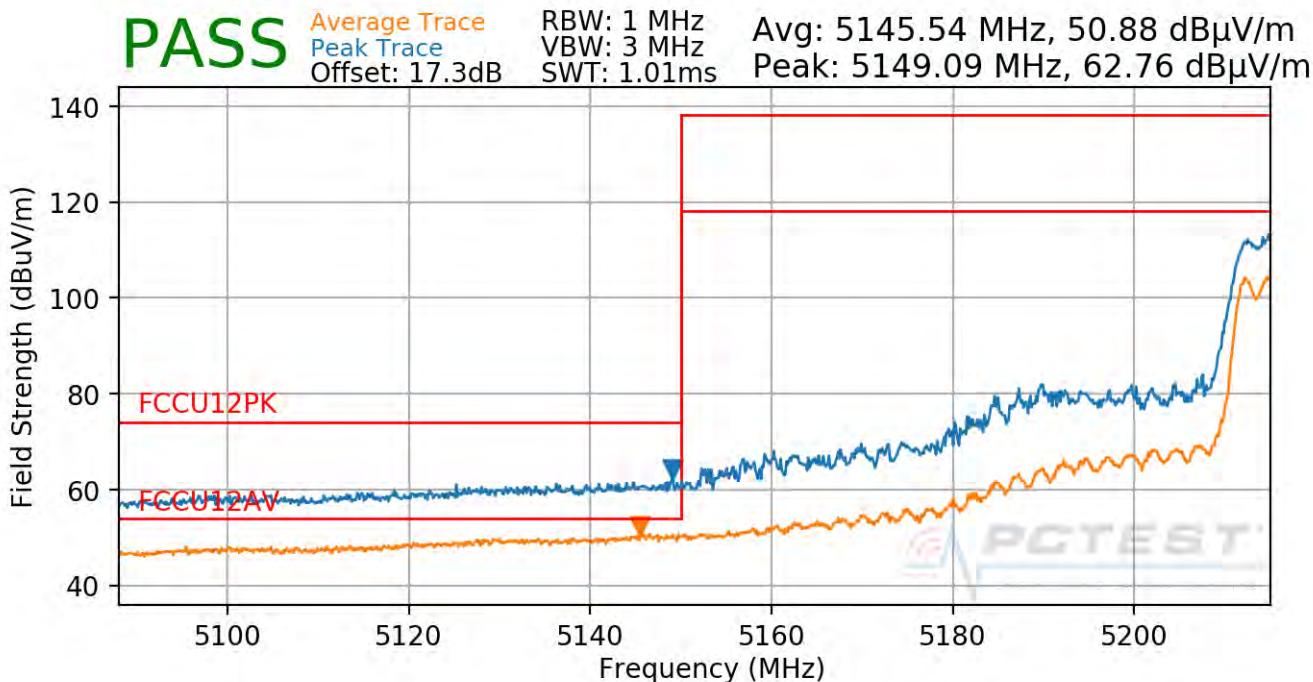
§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5190MHz
 Channel: 38



FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 267 of 298

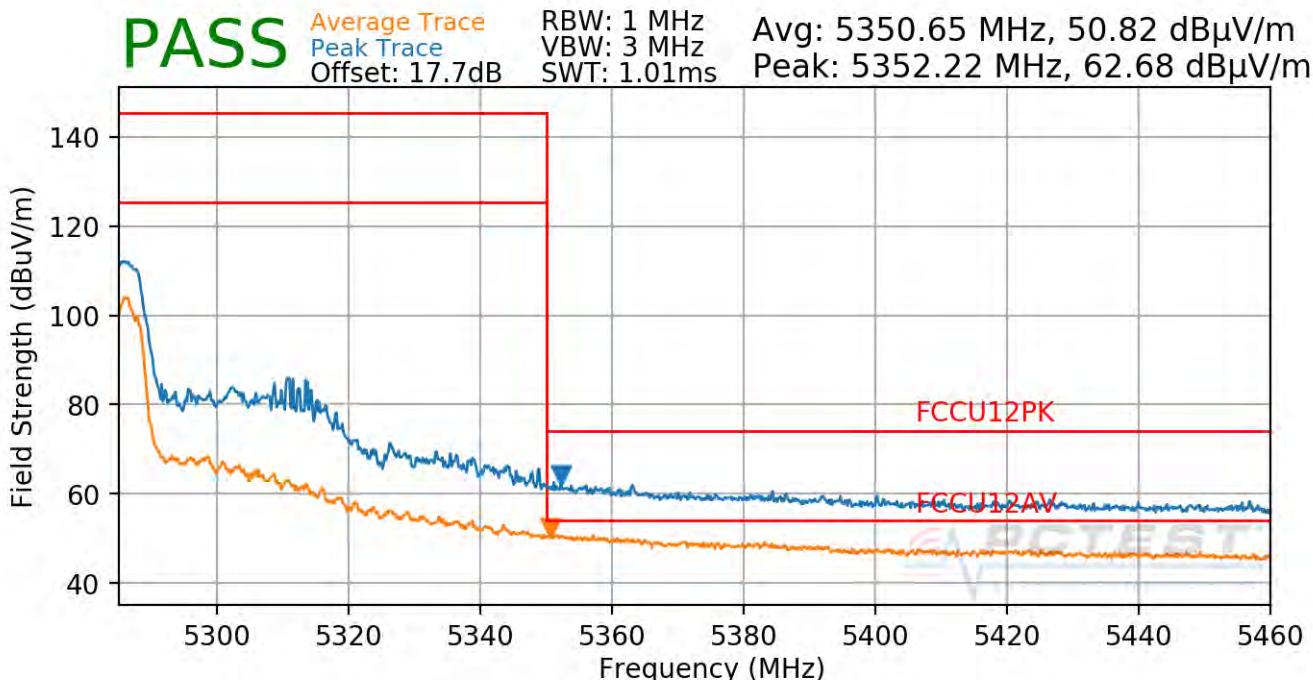
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5230MHz
 Channel: 46



Plot 7-360. Radiated Restricted Lower Band Edge Measurement MIMO (Average & Peak UNII Band 1)

FCC ID: BCGA1893	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 268 of 298

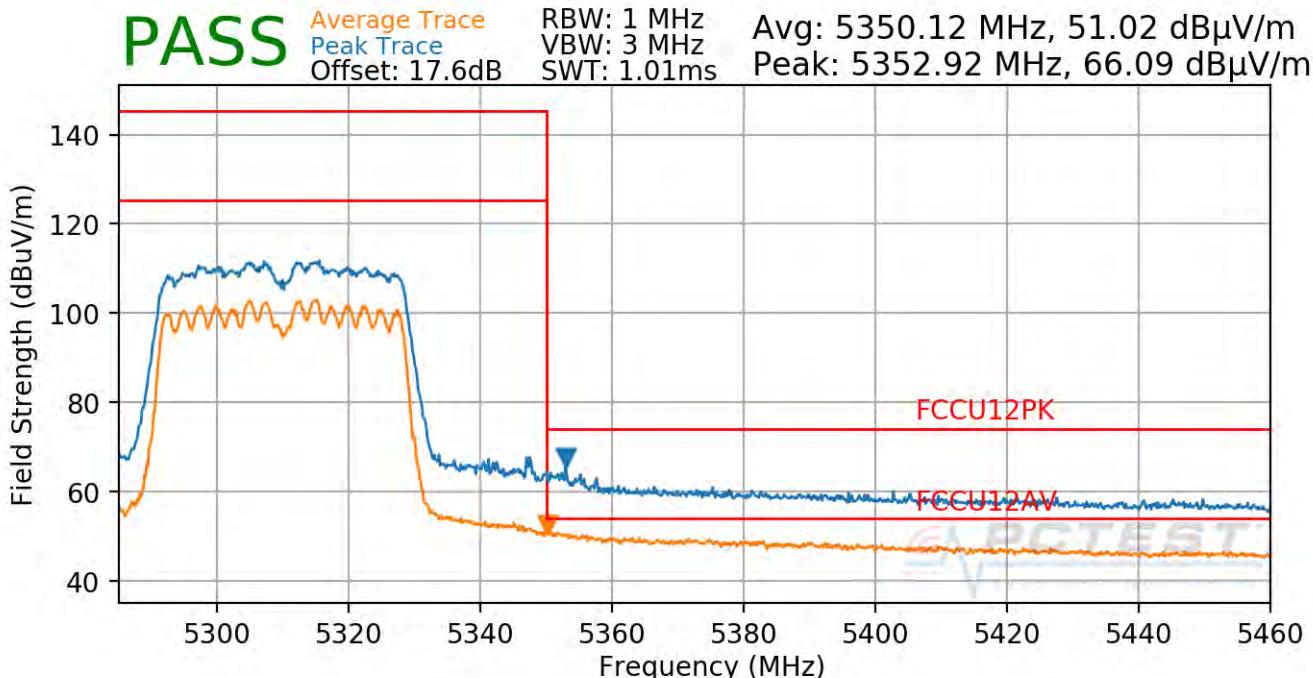
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5270MHz
 Channel: 54



Plot 7-361. Radiated Restricted Upper Band Edge Measurement MIMO (Average & Peak UNII Band 2A)

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 269 of 298	

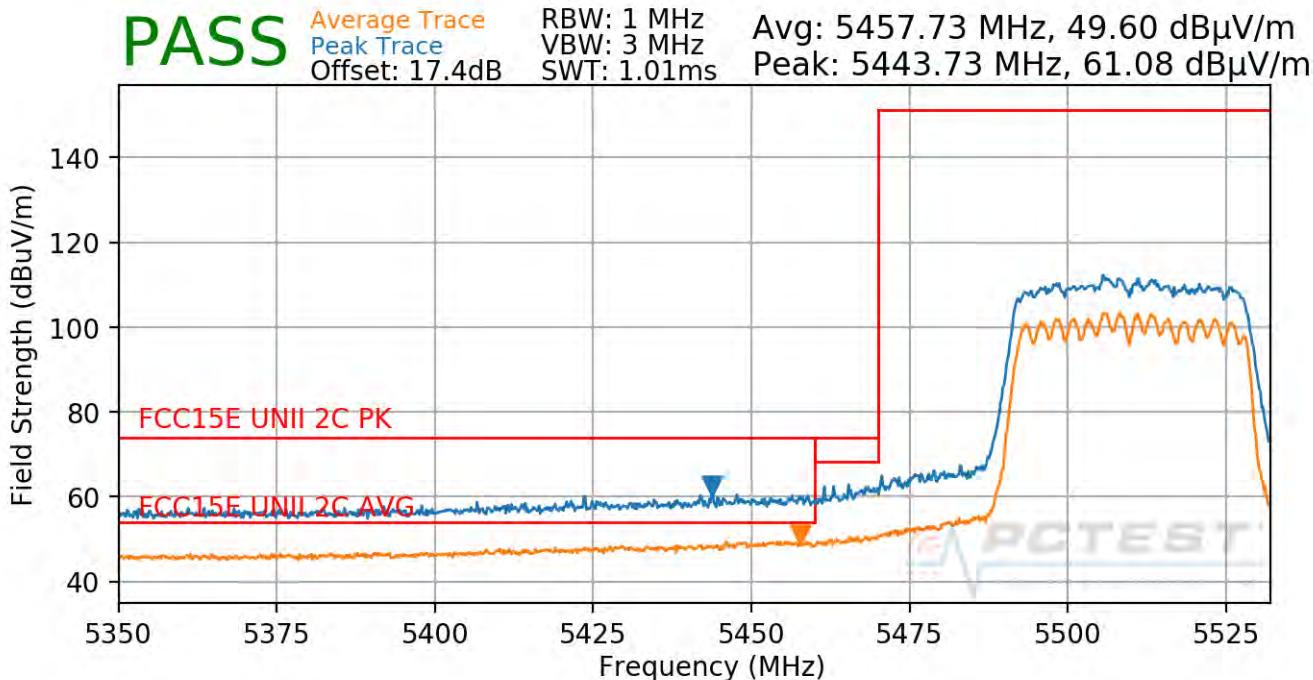
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5310MHz
 Channel: 62



Plot 7-362. Radiated Restricted Upper Band Edge Measurement MIMO (Average & Peak UNII Band 2A)

FCC ID: BCGA1893	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 270 of 298

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



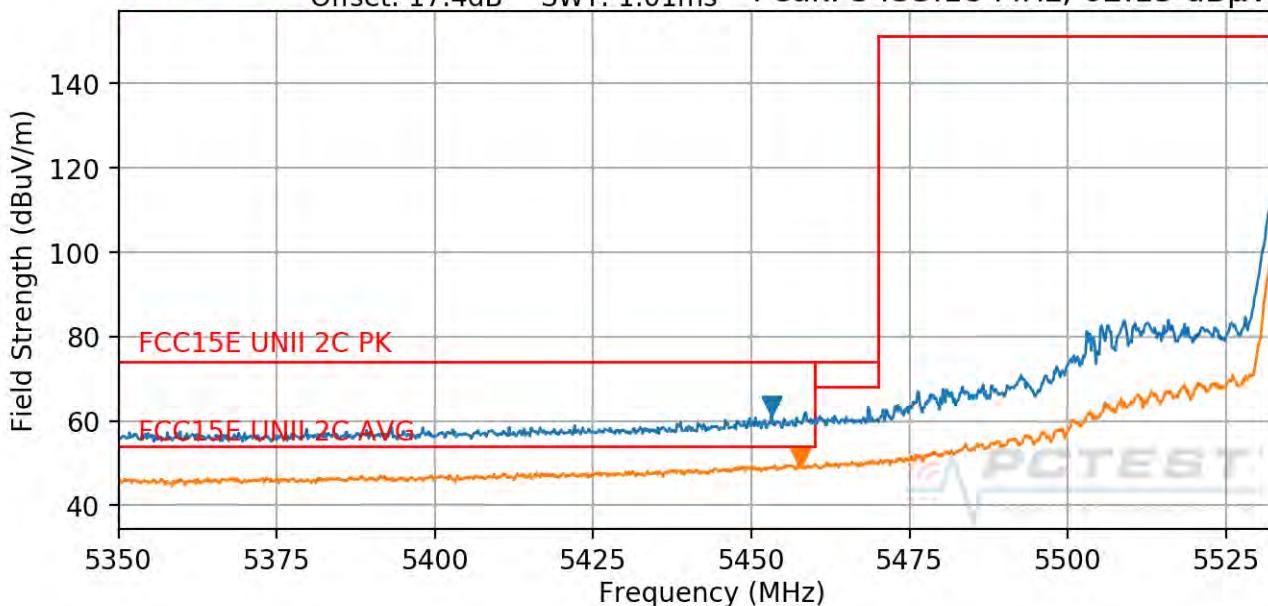
Plot 7-363. Radiated Restricted Lower Band Edge Measurement MIMO (Average & Peak UNII Band 2C)

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 271 of 298	

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

PASS

Average Trace RBW: 1 MHz
 Peak Trace VBW: 3 MHz
 Offset: 17.4dB SWT: 1.01ms
 Avg: 5457.73 MHz, 49.68 dB μ V/m
 Peak: 5453.18 MHz, 62.15 dB μ V/m



Plot 7-364. Radiated Restricted Lower Band Edge Measurement MIMO (Average & Peak UNII Band 2C)

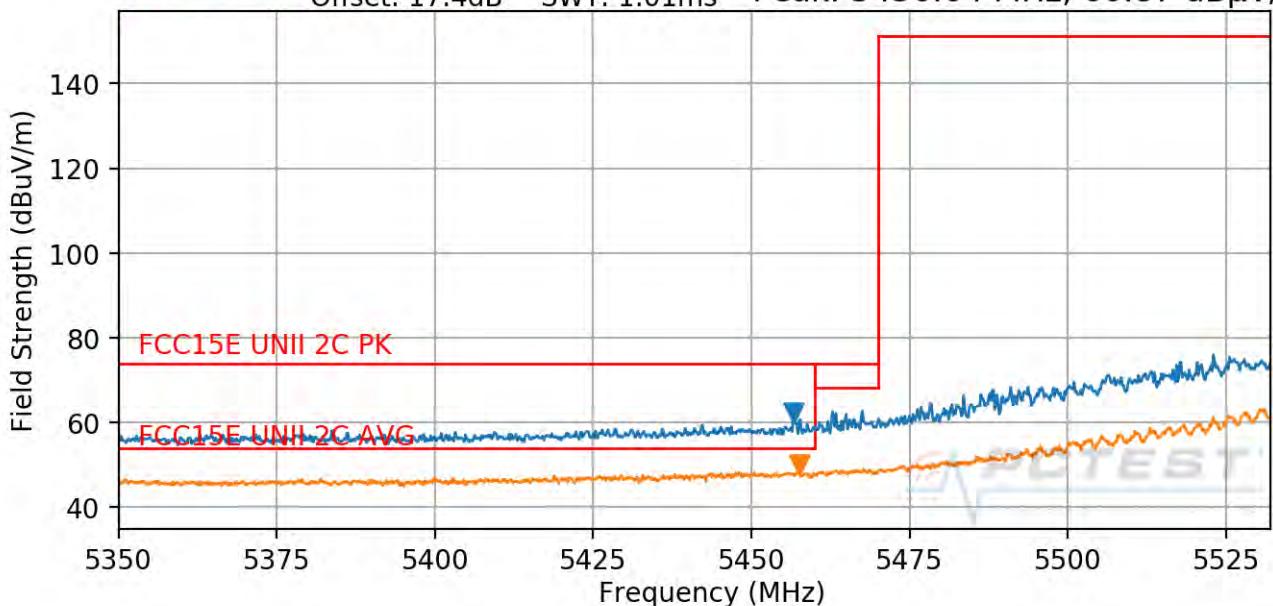
FCC ID: BCGA1893	 PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 272 of 298

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

PASS

Average Trace RBW: 1 MHz
 Peak Trace VBW: 3 MHz
 Offset: 17.4dB SWT: 1.01ms

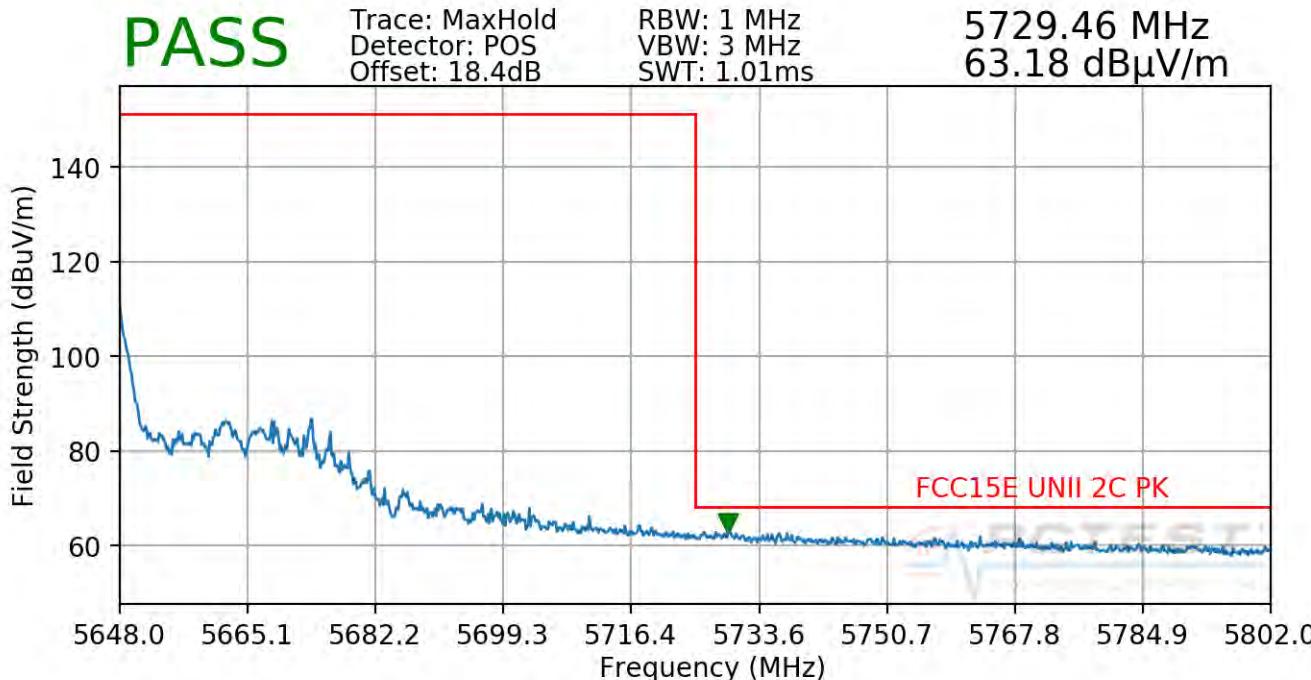
Avg: 5457.55 MHz, 48.63 dB μ V/m
 Peak: 5456.64 MHz, 60.87 dB μ V/m



Plot 7-365. Radiated Restricted Lower Band Edge Measurement MIMO (Average & Peak UNII Band 2C)

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 273 of 298

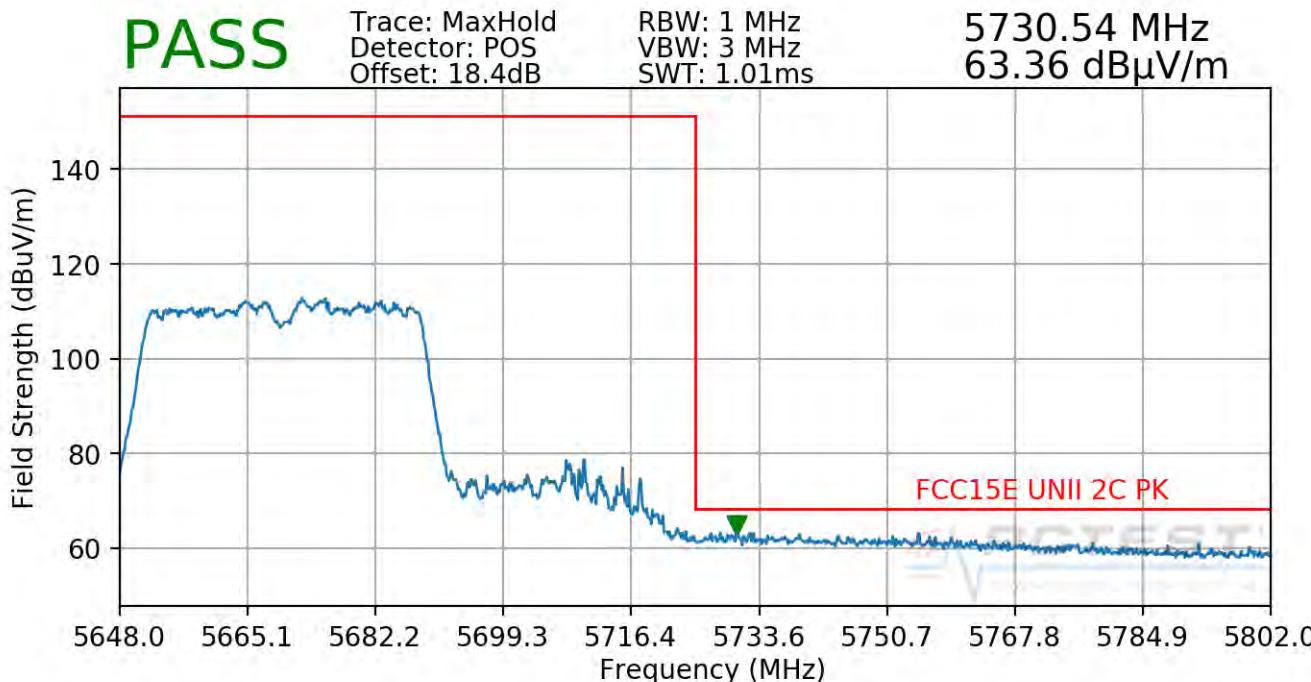
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5630MHz
 Channel: 126



Plot 7-366. Radiated Restricted Upper Band Edge Measurement MIMO (Peak UNII Band 2C)

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 274 of 298	

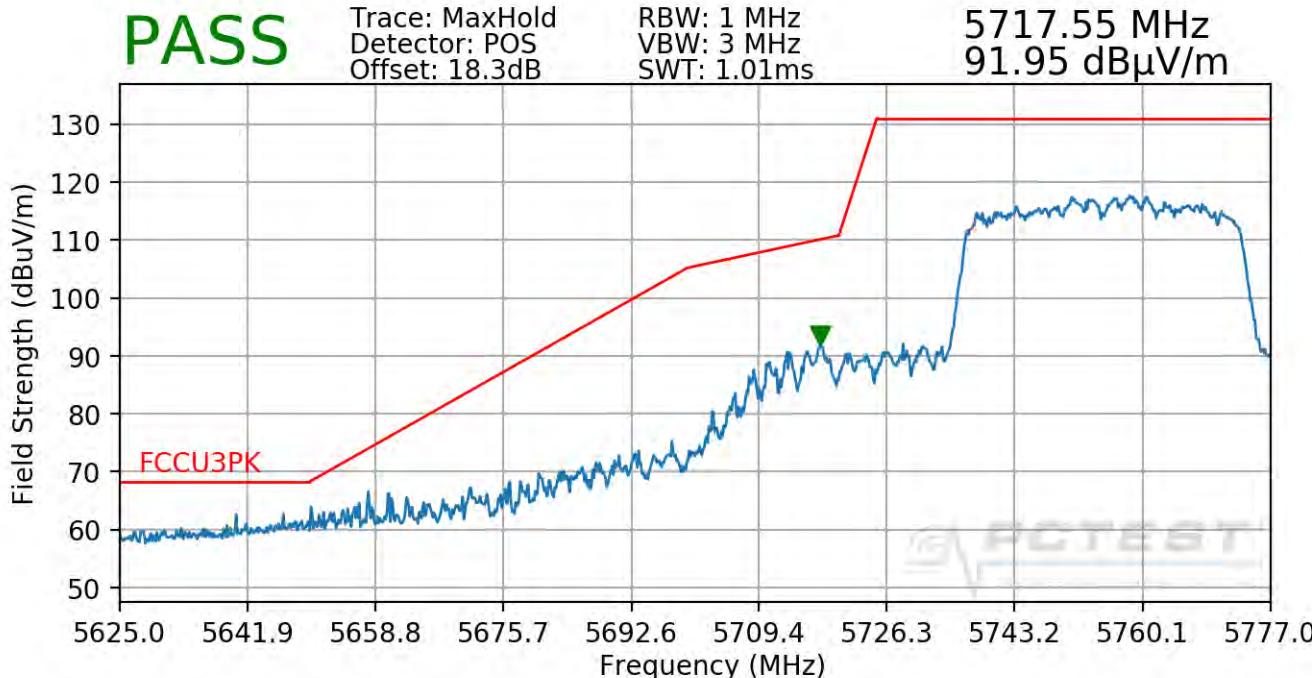
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5670MHz
 Channel: 134



Plot 7-367. Radiated Restricted Upper Band Edge Measurement MIMO (Peak UNII Band 2C)

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 275 of 298

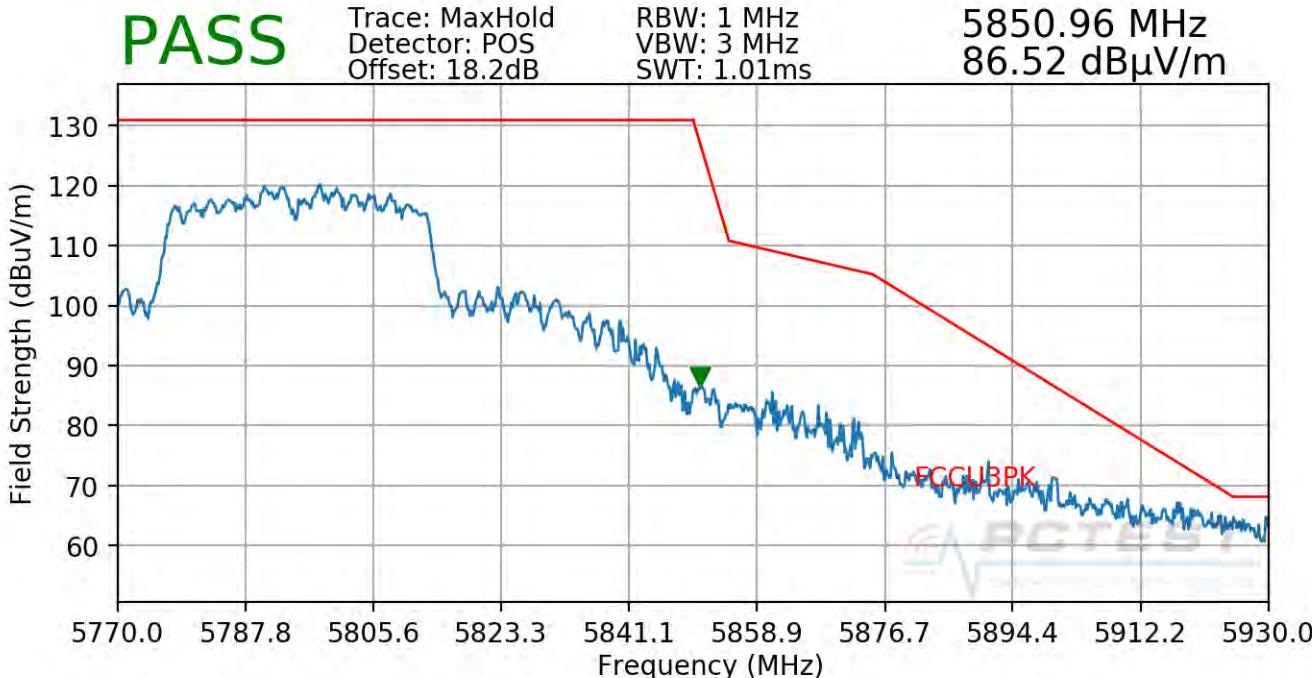
Worst Case Mode: 802.11n
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5755MHz
 Channel: 151



Plot 7-368. Radiated Restricted Lower Band Edge Measurement MIMO (Peak UNII Band 3)

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 276 of 298	

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



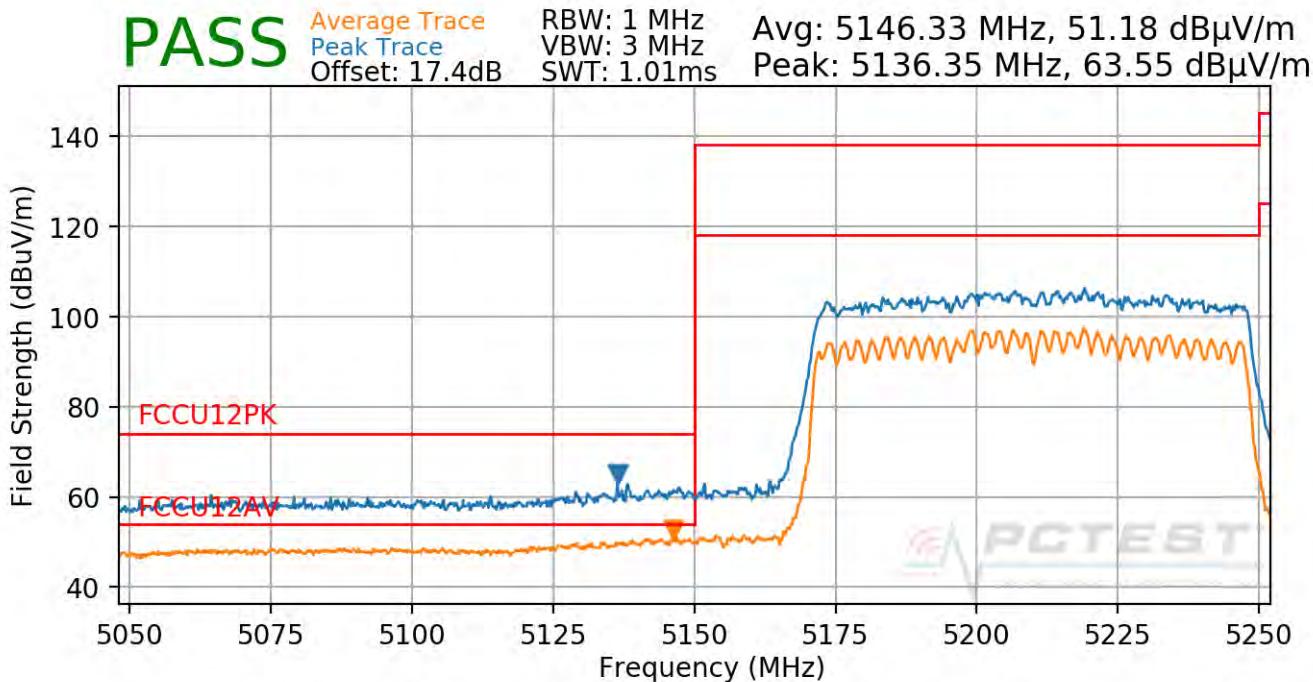
Plot 7-369. Radiated Restricted Upper Band Edge Measurement MIMO (Peak UNII Band 3)

FCC ID: BCGA1893	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device		Page 277 of 298

6.7.12 MIMO Radiated Band Edge Measurements (80MHz BW)

§15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

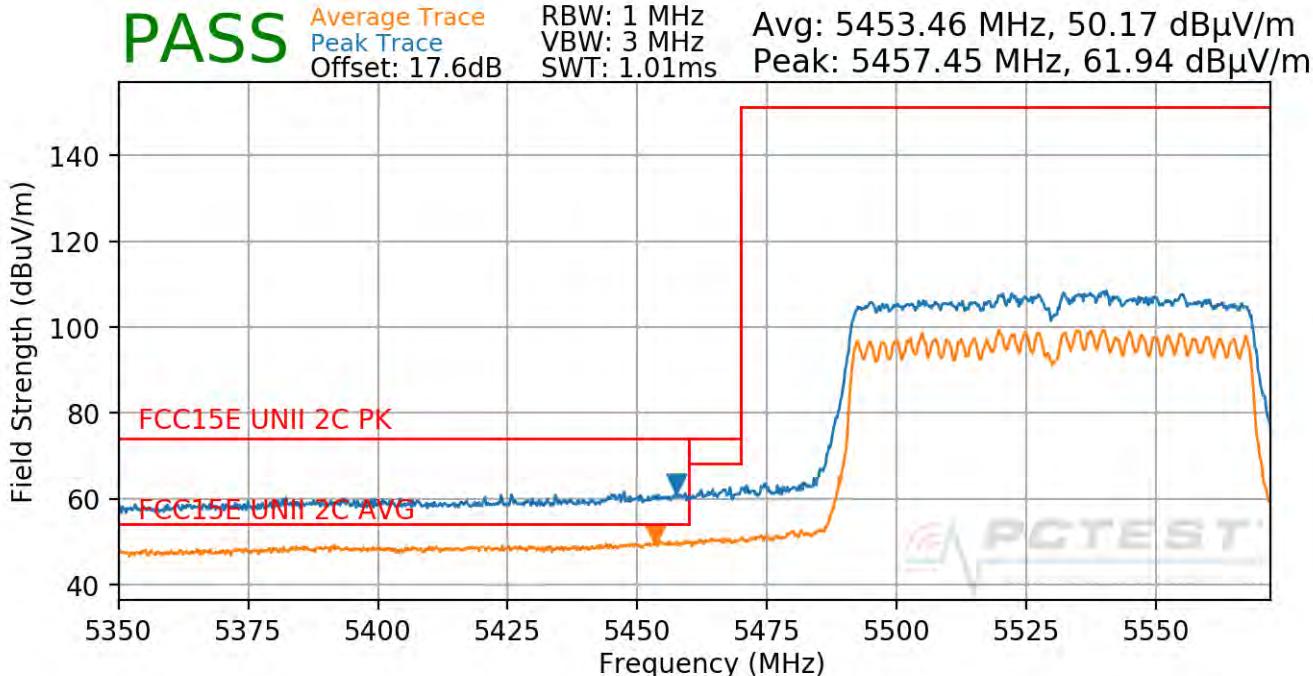
Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5210MHz
 Channel: 42



Plot 7-370. Radiated Restricted Lower Band Edge Measurement MIMO (Average & Peak UNII Band 1)

FCC ID: BCGA1893	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 278 of 298

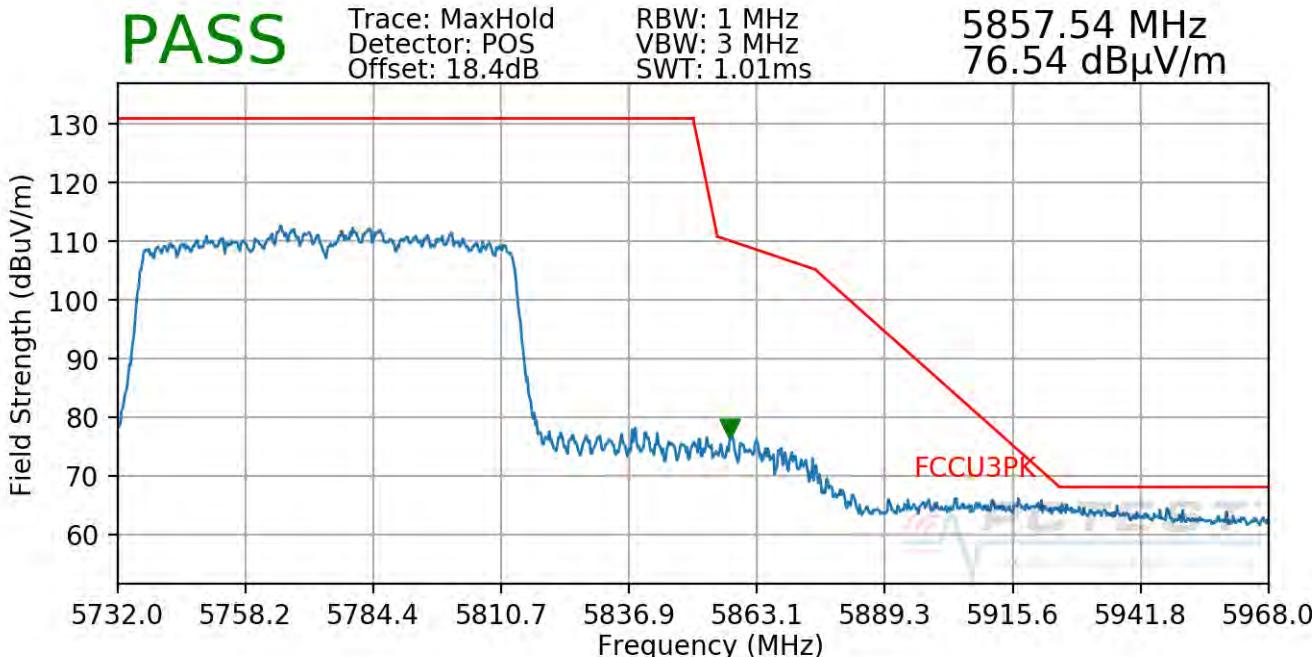
Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5530MHz
 Channel: 106



Plot 7-371. Radiated Restricted Lower Band Edge Measurement MIMO (Average & Peak UNII Band 2C)

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 279 of 298	

Worst Case Mode: 802.11ac
 Worst Case Transfer Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 5775MHz
 Channel: 155



Plot 7-372. Radiated Restricted Lower Band Edge Measurement MIMO (Peak UNII Band 3)

FCC ID: BCGA1893	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 280 of 298

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 7-62 per Section 15.209 and RSS-Gen (8.9).

Frequency	Field Strength [μ V/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 7-62. 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
2. RBW = 120kHz (for emissions from 30MHz – 1GHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 281 of 298

Test Setup

The EUT and measurement equipment were set up as shown in the diagrams below.

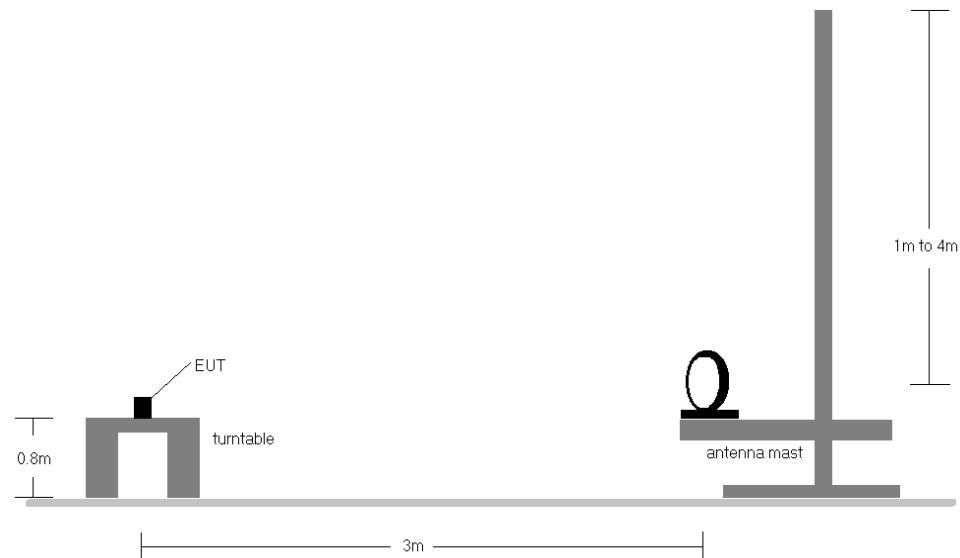


Figure 7-6. Radiated Test Setup < 30MHz

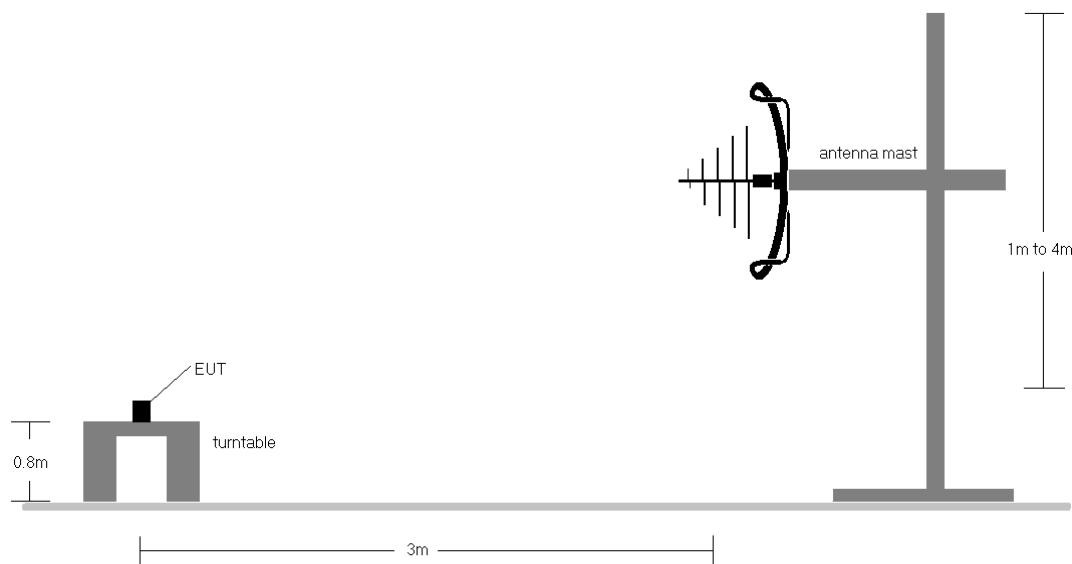


Figure 7-7. Radiated Test Setup < 1GHz

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 282 of 298

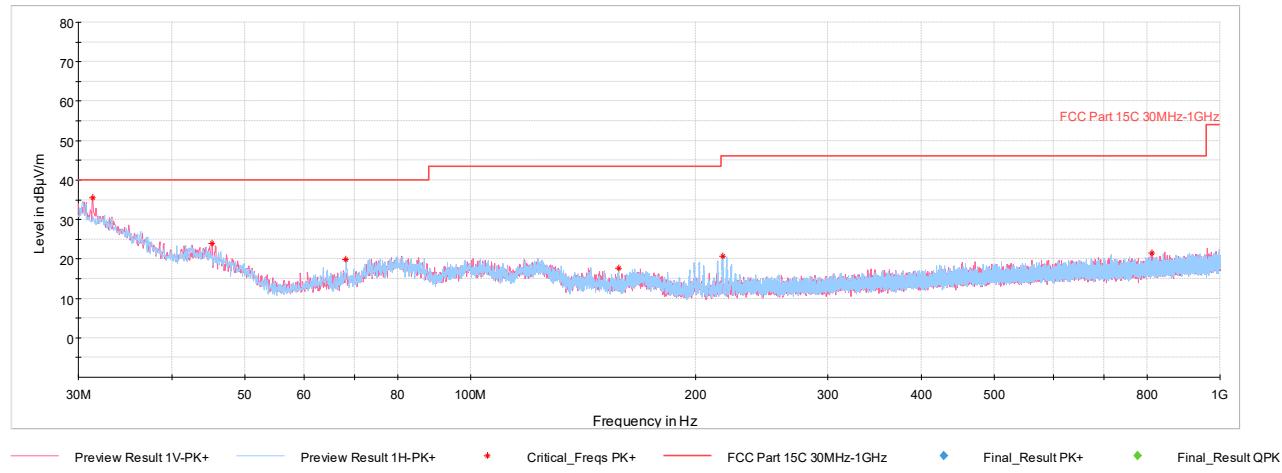
Test Notes

1. All emissions lying in restricted bands specified in §15.205 and RSS-Gen (8.10) are below the limit shown in Table 7-62.
2. The broadband receive antenna is manipulated through vertical and horizontal polarizations during the tests. The EUT is manipulated through three orthogonal planes.
3. This unit was tested with its standard battery.
4. The spectrum is investigated using a peak detector and final measurements are recorded using CISPR quasi peak detector. The worst-case emissions are reported however emissions whose levels were not within 20dB of the respective limits were not reported.
5. Emissions were measured at a 3 meter test distance.
6. Emissions are investigated while operating on the center channel of the mode, band, and modulation that produced the worst case results during the transmitter spurious emissions testing.
7. No spurious emissions were detected within 20dB of the limit below 30MHz.
8. The results recorded using the broadband antenna is known to correlate with the results obtained by using a tuned dipole with an acceptable degree of accuracy. The VSWR for the measurement antenna was found to be less than 2:1.
9. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. There were no emissions detected in the 30MHz – 1GHz frequency range, as shown in the subsequent plots.

FCC ID: BCGA1893	 PCTEST® <small>ENGINEERING LABORATORY, INC.</small>	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 283 of 298

SISO Antenna-1 Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209; RSS-Gen [8.9]



Plot 7-373. Radiated Spurious Plot below 1GHz SISO ANT1 (802.11n_HT20 – U3 Ch. 165, Ant. Pol. H & V)

FCC ID: BCGA1893	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 284 of 298	

SISO Atenna-1 Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209; RSS-Gen [8.9]

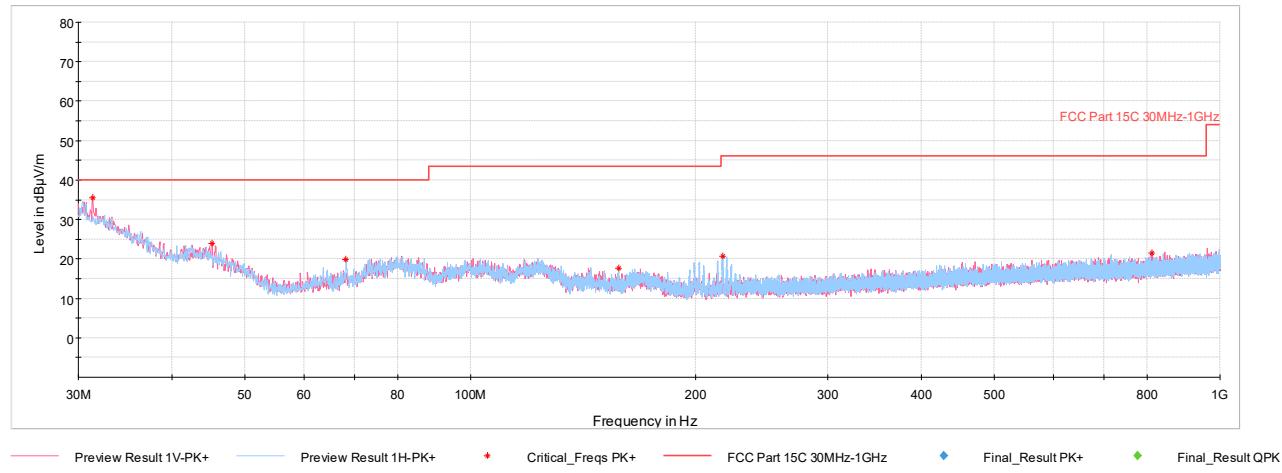
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
32.23	Quasi-Peak	H	-	-	-63.19	-16.74	27.07	40.00	-12.93
43.24	Quasi-Peak	V	-	-	-65.23	-23.01	18.76	40.00	-21.24
61.96	Quasi-Peak	H	-	-	-66.17	-29.43	11.40	40.00	-28.60
109.44	Quasi-Peak	V	-	-	-68.26	-24.23	14.51	43.52	-29.01
222.69	Quasi-Peak	V	-	-	-70.69	-25.19	11.12	46.02	-34.90
656.67	Quasi-Peak	V	-	-	-73.21	-16.37	17.42	46.02	-28.60

Table 7-63. Radiated Spurious Emissions below 1GHz SISO ANT1

FCC ID: BCGA1893		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device			Page 285 of 298

SISO Antenna-2 Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209; RSS-Gen [8.9]



Plot 7-374. Radiated Spurious Plot below 1GHz SISO ANT2 (802.11a – U3 Ch. 157, Ant. Pol. H & V)

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 286 of 298	

SISO Antenna-2 Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209; RSS-Gen [8.9]

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
33.15	Quasi-Peak	H	-	-	-63.69	-17.26	26.05	40.00	-13.95
42.90	Quasi-Peak	H	-	-	-64.47	-22.79	19.74	40.00	-20.26
71.71	Quasi-Peak	H	-	-	-66.31	-25.91	14.78	40.00	-25.22
105.37	Quasi-Peak	V	-	-	-67.58	-24.42	15.00	43.52	-28.52
147.03	Quasi-Peak	V	-	-	-68.88	-25.88	12.24	43.52	-31.28
485.08	Quasi-Peak	V	-	-	-73.11	-19.00	14.89	46.02	-31.13

Table 7-64. Radiated Spurious Emissions below 1GHz SISO ANT2

FCC ID: BCGA1893		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 287 of 298

7.8 Line-Conducted Test Data

§15.407; RSS-Gen [8.8]

Test Overview and Limit

All AC line conducted spurious emissions are measured with a receiver connected to a grounded LISN 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 conducted spurious emissions. Only the conducted emissions of the configuration that produced the worst case emissions are reported in this section.

All conducted emissions must not exceed the limits shown in the table below, per Section 15.207 and RSS-Gen (8.8).

Frequency of emission (MHz)	Conducted Limit (dB μ V)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

Table 7-65. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10-2013, Section 6.2

Test Settings

Quasi-Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = quasi-peak
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the spurious emission of interest
2. RBW = 9kHz (for emissions from 150kHz – 30MHz)
3. Detector = RMS
4. Sweep time = auto couple
5. Trace mode = max hold
6. Trace was allowed to stabilize

FCC ID: BCGA1893		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

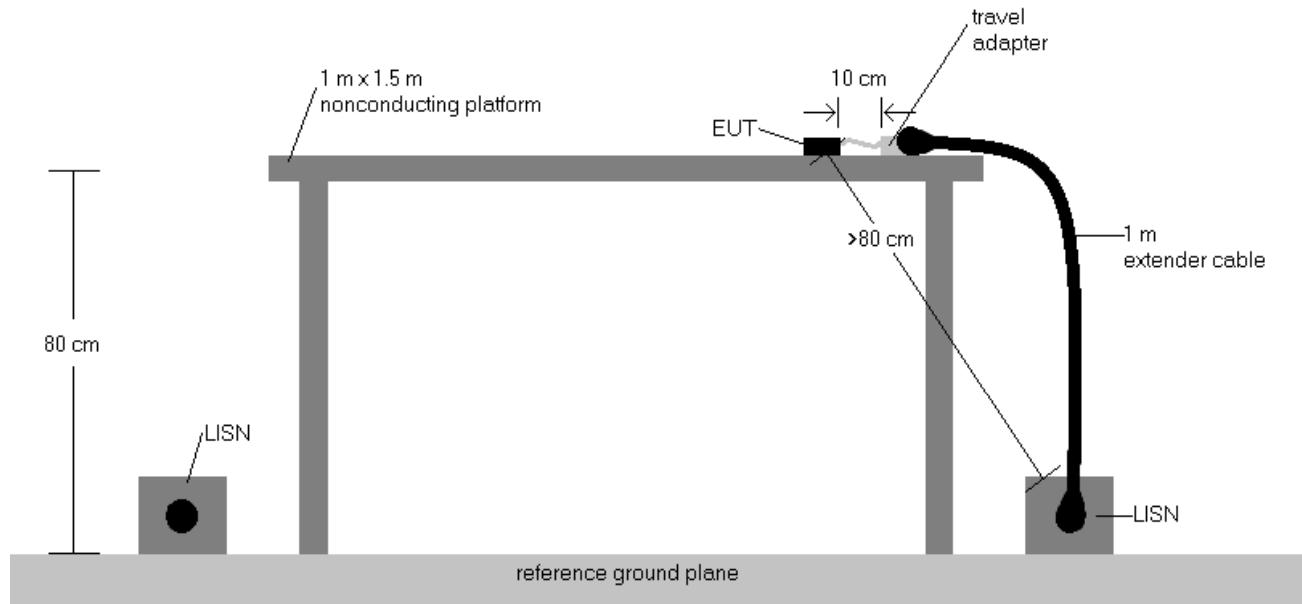
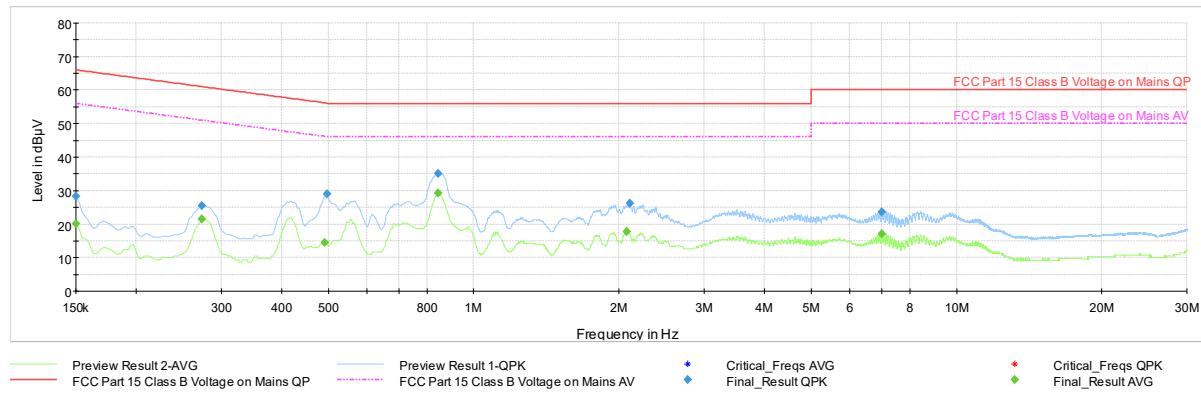


Figure 7-8. Test Instrument & Measurement Setup

Test Notes

1. All modes of operation were investigated and the worst-case emissions are reported using mid channel. The emissions found were not affected by the choice of channel used during testing.
2. The limit for an intentional radiator from 150kHz to 30MHz are specified in 15.207 and RSS-Gen (8.8).
3. Corr. (dB) = Cable loss (dB) + LISN insertion factor (dB)
4. QP/AV Level (dB μ V) = QP/AV Analyzer/Receiver Level (dB μ V) + Corr. (dB)
5. Margin (dB) = QP/AV Limit (dB μ V) - QP/AV Level (dB μ V)
6. Traces shown in plot are made using a peak detector.
7. Deviations to the Specifications: None.

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 289 of 298

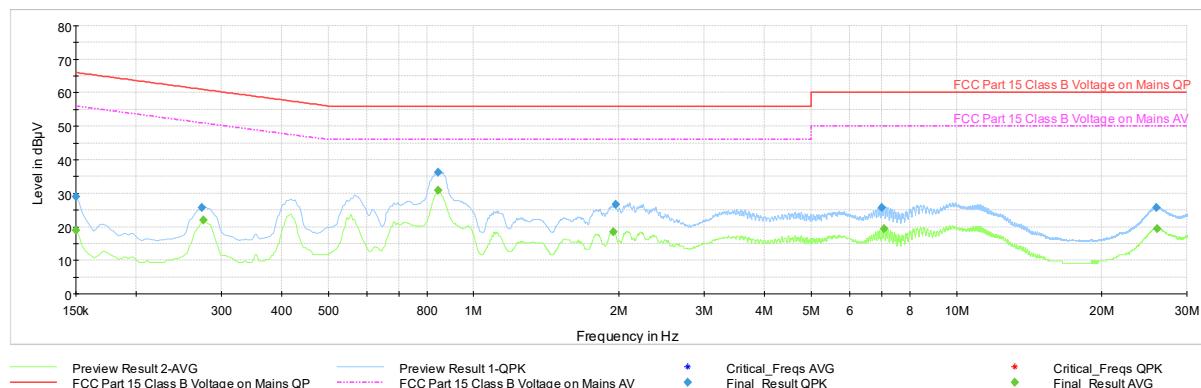


Plot 7-375. Line Conducted Plot with 802.11n UNII Band 1 (L1) SISO ANT1

Frequency MHz	Process State	QuasiPeak dBµV	Average dBµV	Limit dBµV	Margin dB	Meas. Time ms	Bandwidth kHz	Line	PE
0.150000	FINAL	28.29	—	66.00	37.71	10000.0	9.000	L1	GND
0.150000	FINAL	—	20.17	56.00	35.83	10000.0	9.000	L1	GND
0.273750	FINAL	25.52	—	61.00	35.48	10000.0	9.000	L1	GND
0.273750	FINAL	—	21.44	51.00	29.56	10000.0	9.000	L1	GND
0.492000	FINAL	—	14.40	46.13	31.73	10000.0	9.000	L1	GND
0.496500	FINAL	29.10	—	56.06	26.96	10000.0	9.000	L1	GND
0.845250	FINAL	—	29.16	46.00	16.84	10000.0	9.000	L1	GND
0.845250	FINAL	35.07	—	56.00	20.93	10000.0	9.000	L1	GND
2.076000	FINAL	—	17.77	46.00	28.23	10000.0	9.000	L1	GND
2.105250	FINAL	26.19	—	56.00	29.81	10000.0	9.000	L1	GND
7.003500	FINAL	23.57	—	60.00	36.43	10000.0	9.000	L1	GND
7.008000	FINAL	—	16.97	50.00	33.03	10000.0	9.000	L1	GND

Plot 7-376. Line Conducted Table with 802.11n UNII Band 1 (L1) SISO ANT1

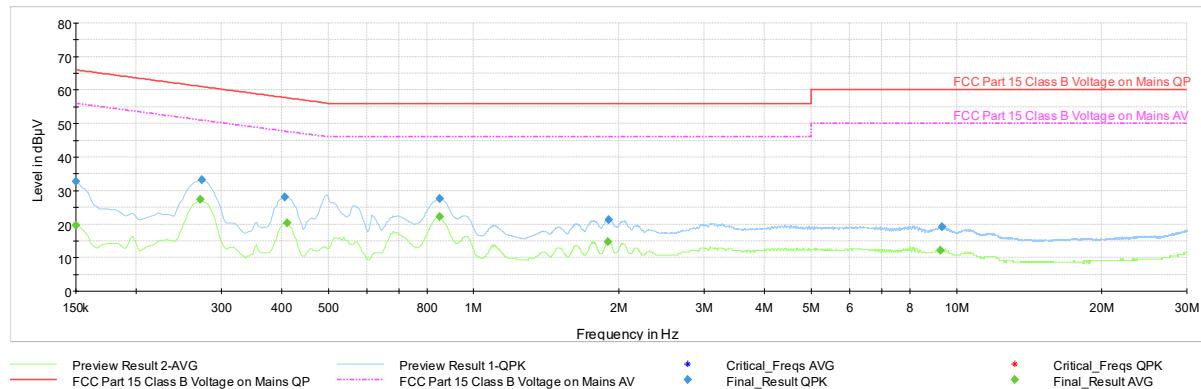
FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device			


Plot 7-377. Line Conducted Plot with 802.11n UNII Band 1 (N) SISO ANT1

Frequency MHz	Process State	QuasiPeak dB μ V	Average dB μ V	Limit dB μ V	Margin dB	Meas. Time ms	Bandwidth kHz	Line	PE
0.150000	FINAL	28.94	—	66.00	37.06	10000.0	9.000	N	GND
0.150000	FINAL	—	19.01	56.00	36.99	10000.0	9.000	N	GND
0.273750	FINAL	25.83	—	61.00	35.17	10000.0	9.000	N	GND
0.276000	FINAL	—	21.98	50.94	28.96	10000.0	9.000	N	GND
0.843000	FINAL	—	30.78	46.00	15.22	10000.0	9.000	N	GND
0.843000	FINAL	36.26	—	56.00	19.74	10000.0	9.000	N	GND
1.945500	FINAL	—	18.57	46.00	27.43	10000.0	9.000	N	GND
1.965750	FINAL	26.63	—	56.00	29.37	10000.0	9.000	N	GND
7.008000	FINAL	25.80	—	60.00	34.20	10000.0	9.000	N	GND
7.071000	FINAL	—	19.42	50.00	30.58	10000.0	9.000	N	GND
25.964250	FINAL	25.81	—	60.00	34.19	10000.0	9.000	N	GND
26.076750	FINAL	—	19.47	50.00	30.53	10000.0	9.000	N	GND

Plot 7-378. Line Conducted Table with 802.11n UNII Band 1 (N) SISO ANT1

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device			Page 291 of 298

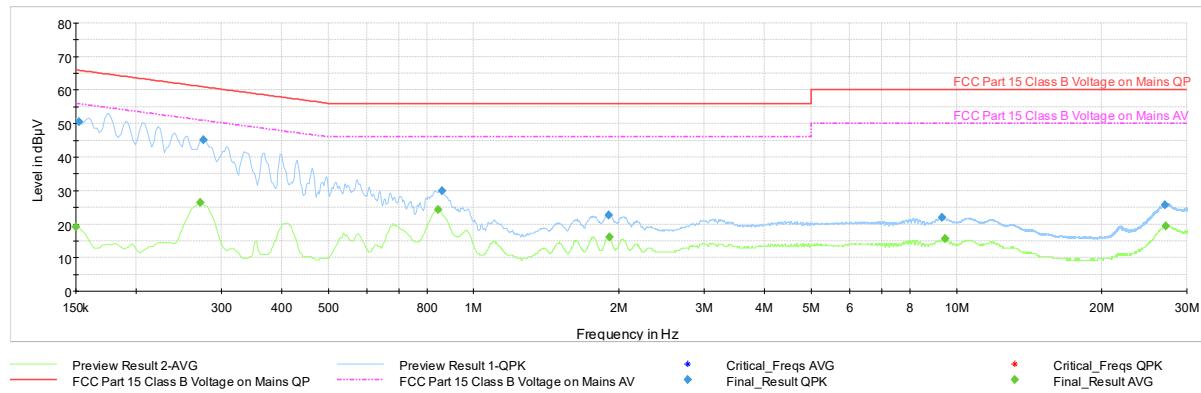


Plot 7-379. Line Conducted Plot with 802.11n UNII Band 2A (L1) SISO ANT1

Frequency MHz	Process State	QuasiPeak dB μ V	Average dB μ V	Limit dB μ V	Margin dB	Meas. Time ms	Bandwidth kHz	Line	PE
0.150000	FINAL	32.76	—	66.00	33.24	10000.0	9.000	L1	GND
0.150000	FINAL	—	19.63	56.00	36.37	10000.0	9.000	L1	GND
0.271500	FINAL	—	27.40	51.07	23.67	10000.0	9.000	L1	GND
0.273750	FINAL	33.17	—	61.00	27.84	10000.0	9.000	L1	GND
0.406500	FINAL	28.17	—	57.72	29.55	10000.0	9.000	L1	GND
0.411000	FINAL	—	20.41	47.63	27.22	10000.0	9.000	L1	GND
0.849750	FINAL	—	22.23	46.00	23.77	10000.0	9.000	L1	GND
0.849750	FINAL	27.53	—	56.00	28.47	10000.0	9.000	L1	GND
1.893750	FINAL	—	14.69	46.00	31.31	10000.0	9.000	L1	GND
1.902750	FINAL	21.33	—	56.00	34.67	10000.0	9.000	L1	GND
9.258000	FINAL	—	12.20	50.00	37.80	10000.0	9.000	L1	GND
9.348000	FINAL	19.10	—	60.00	40.90	10000.0	9.000	L1	GND

Plot 7-380. Line Conducted Table with 802.11n UNII Band 2A (L1) SISO ANT1

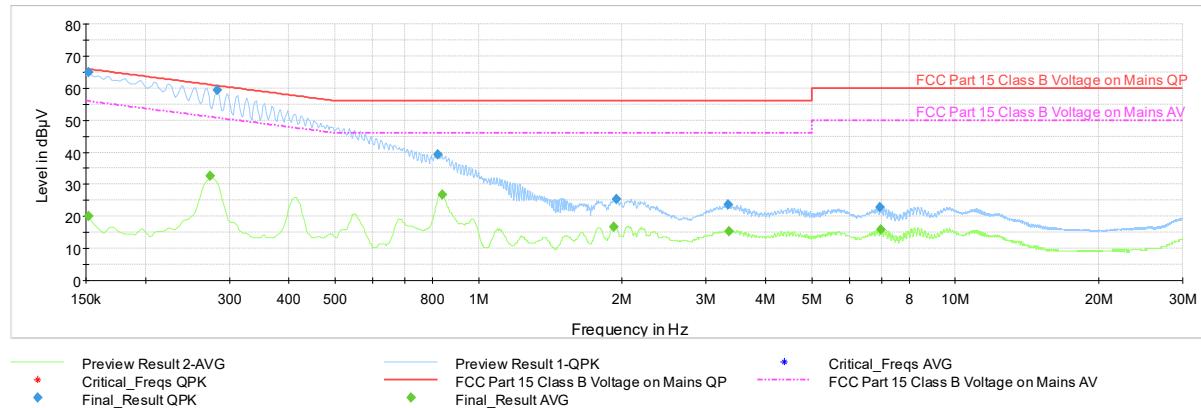
FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device			


Plot 7-381. Line Conducted Plot with 802.11n UNII Band 2A (N) SISO ANT1

Frequency MHz	Process State	QuasiPeak dB μ V	Average dB μ V	Limit dB μ V	Margin dB	Meas. Time ms	Bandwidth kHz	Line	PE
0.150000	FINAL	—	19.21	56.00	36.79	10000.0	9.000	N	GND
0.152250	FINAL	50.52	—	65.88	15.36	10000.0	9.000	N	GND
0.271500	FINAL	—	26.46	51.07	24.61	10000.0	9.000	N	GND
0.276000	FINAL	45.04	—	60.94	15.89	10000.0	9.000	N	GND
0.845250	FINAL	—	24.37	46.00	21.63	10000.0	9.000	N	GND
0.858750	FINAL	30.00	—	56.00	26.00	10000.0	9.000	N	GND
1.900500	FINAL	22.72	—	56.00	33.28	10000.0	9.000	N	GND
1.911750	FINAL	—	16.08	46.00	29.92	10000.0	9.000	N	GND
9.339000	FINAL	21.98	—	60.00	38.02	10000.0	9.000	N	GND
9.462750	FINAL	—	15.56	50.00	34.44	10000.0	9.000	N	GND
26.992500	FINAL	25.79	—	60.00	34.21	10000.0	9.000	N	GND
27.159000	FINAL	—	19.46	50.00	30.54	10000.0	9.000	N	GND

Plot 7-382. Line Conducted Table with 802.11n UNII Band 2A (N) SISO ANT1

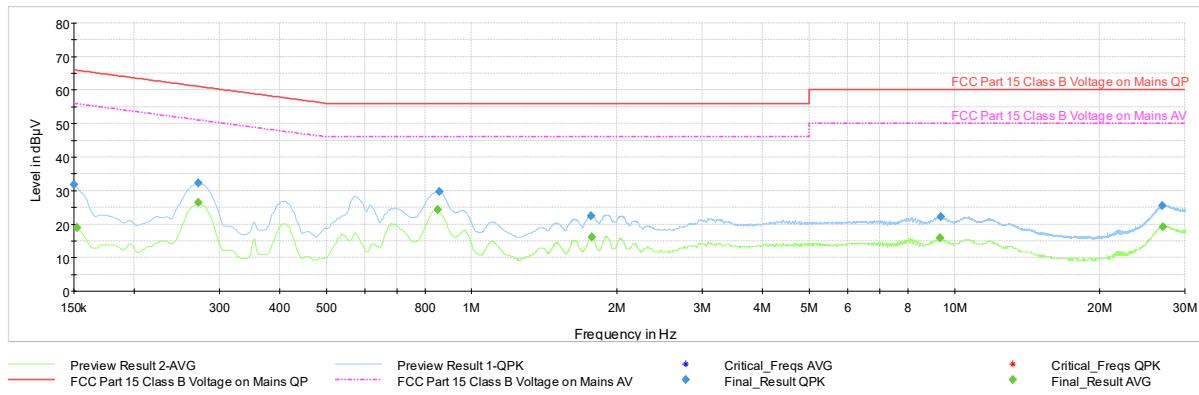
FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device			Page 293 of 298


Plot 7-383. Line Conducted Plot with 802.11n UNII Band 2C (L1) SISO ANT1

Frequency MHz	Process State	QuasiPeak dB μ V	Average dB μ V	Limit dB μ V	Margin dB	Meas. Time ms	Bandwidth kHz	Line	PE
0.152250	FINAL	64.82	—	65.88	1.05	10000.0	9.000	L1	GND
0.152250	FINAL	—	19.95	55.88	35.93	10000.0	9.000	L1	GND
0.273750	FINAL	—	32.53	51.00	18.47	10000.0	9.000	L1	GND
0.282750	FINAL	59.28	—	60.74	1.45	10000.0	9.000	L1	GND
0.822750	FINAL	39.39	—	56.00	16.61	10000.0	9.000	L1	GND
0.838500	FINAL	—	26.68	46.00	19.32	10000.0	9.000	L1	GND
1.918500	FINAL	—	16.86	46.00	29.14	10000.0	9.000	L1	GND
1.950000	FINAL	25.35	—	56.00	30.65	10000.0	9.000	L1	GND
3.342750	FINAL	23.58	—	56.00	32.42	10000.0	9.000	L1	GND
3.345000	FINAL	—	15.25	46.00	30.75	10000.0	9.000	L1	GND
6.956250	FINAL	22.77	—	60.00	37.23	10000.0	9.000	L1	GND
6.965250	FINAL	—	15.97	50.00	34.03	10000.0	9.000	L1	GND

Plot 7-384. Line Conducted Table with 802.11n UNII Band 2C (L1) SISO ANT1

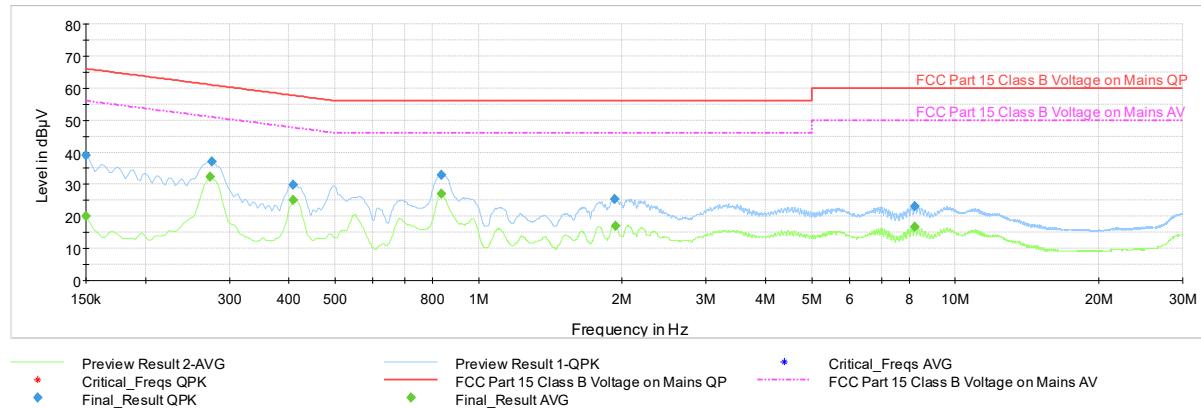
FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device			Page 294 of 298


Plot 7-385. Line Conducted Plot with 802.11n UNII Band 2C (N) SISO ANT1

Frequency MHz	Process State	QuasiPeak dBμV	Average dBμV	Limit dBμV	Margin dB	Meas. Time ms	Bandwidth kHz	Line	PE
0.150000	FINAL	31.86	—	66.00	34.14	10000.0	9.000	N	GND
0.152250	FINAL	—	18.97	55.88	36.91	10000.0	9.000	N	GND
0.271500	FINAL	32.24	—	61.07	28.83	10000.0	9.000	N	GND
0.271500	FINAL	—	26.46	51.07	24.61	10000.0	9.000	N	GND
0.849750	FINAL	—	24.27	46.00	21.73	10000.0	9.000	N	GND
0.856500	FINAL	29.62	—	56.00	26.38	10000.0	9.000	N	GND
1.767750	FINAL	22.50	—	56.00	33.50	10000.0	9.000	N	GND
1.776750	FINAL	—	16.06	46.00	29.94	10000.0	9.000	N	GND
9.339000	FINAL	—	15.83	50.00	34.17	10000.0	9.000	N	GND
9.359250	FINAL	22.18	—	60.00	37.82	10000.0	9.000	N	GND
26.943000	FINAL	25.51	—	60.00	34.49	10000.0	9.000	N	GND
26.994750	FINAL	—	19.28	50.00	30.72	10000.0	9.000	N	GND

Plot 7-386. Line Conducted Table with 802.11n UNII Band 2C (N) SISO ANT1

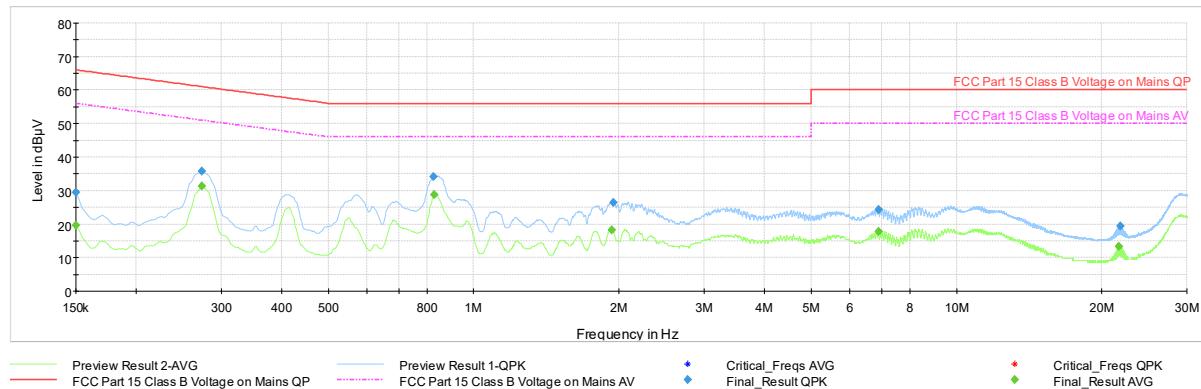
FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device			


Plot 7-387. Line Conducted Plot with 802.11n UNII Band 3 (L1) SISO ANT1

Frequency MHz	Process State	QuasiPeak dB μ V	Average dB μ V	Limit dB μ V	Margin dB	Meas. Time ms	Bandwidth kHz	Line	PE
0.150000	FINAL	38.96	—	66.00	27.04	10000.0	9.000	L1	GND
0.150000	FINAL	—	19.99	56.00	36.01	10000.0	9.000	L1	GND
0.273750	FINAL	—	32.37	51.00	18.64	10000.0	9.000	L1	GND
0.276000	FINAL	37.20	—	60.94	23.74	10000.0	9.000	L1	GND
0.408750	FINAL	29.79	—	57.67	27.88	10000.0	9.000	L1	GND
0.408750	FINAL	—	25.12	47.67	22.55	10000.0	9.000	L1	GND
0.834000	FINAL	—	27.06	46.00	18.94	10000.0	9.000	L1	GND
0.834000	FINAL	32.87	—	56.00	23.13	10000.0	9.000	L1	GND
1.929750	FINAL	25.26	—	56.00	30.74	10000.0	9.000	L1	GND
1.934250	FINAL	—	17.10	46.00	28.90	10000.0	9.000	L1	GND
8.209500	FINAL	23.05	—	60.00	36.95	10000.0	9.000	L1	GND
8.209500	FINAL	—	16.62	50.00	33.38	10000.0	9.000	L1	GND

Plot 7-388. Line Conducted Table with 802.11n UNII Band 3 (L1) SISO ANT1

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device			Page 296 of 298


Plot 7-389. Line Conducted Plot with 802.11n UNII Band 3 (N) SISO ANT1

Frequency MHz	Process State	QuasiPeak dB μ V	Average dB μ V	Limit dB μ V	Margin dB	Meas. Time ms	Bandwidth kHz	Line	PE
0.150000	FINAL	29.51	—	66.00	36.49	10000.0	9.000	N	GND
0.150000	FINAL	—	19.59	56.00	36.41	10000.0	9.000	N	GND
0.273750	FINAL	35.71	—	61.00	25.29	10000.0	9.000	N	GND
0.273750	FINAL	—	31.40	51.00	19.61	10000.0	9.000	N	GND
0.825000	FINAL	34.20	—	56.00	21.80	10000.0	9.000	N	GND
0.829500	FINAL	—	28.72	46.00	17.28	10000.0	9.000	N	GND
1.934250	FINAL	—	18.16	46.00	27.84	10000.0	9.000	N	GND
1.947750	FINAL	26.38	—	56.00	29.62	10000.0	9.000	N	GND
6.886500	FINAL	—	17.86	50.00	32.14	10000.0	9.000	N	GND
6.886500	FINAL	24.41	—	60.00	35.59	10000.0	9.000	N	GND
21.682500	FINAL	—	13.24	50.00	36.76	10000.0	9.000	N	GND
21.869250	FINAL	19.42	—	60.00	40.58	10000.0	9.000	N	GND

Plot 7-390. Line Conducted Table with 802.11n UNII Band 3 (N) SISO ANT1

FCC ID: BCGA1893	 PCTEST® ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device			Page 297 of 298

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Tablet Device FCC ID: BCGA1893** is in compliance with Part 15 Subpart C (15.247) of the FCC Rules and RSS-247 of the Innovation, Science and Economic Development Canada Rules.

FCC ID: BCGA1893	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1710060005-03-R1.BCG	Test Dates: 10/31-2/20/2018	EUT Type: Tablet Device	Page 298 of 298