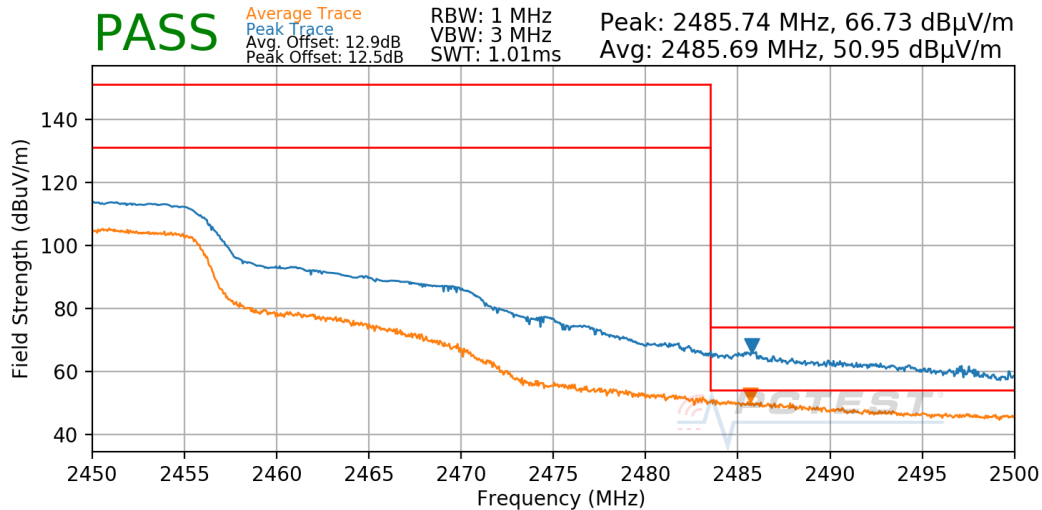
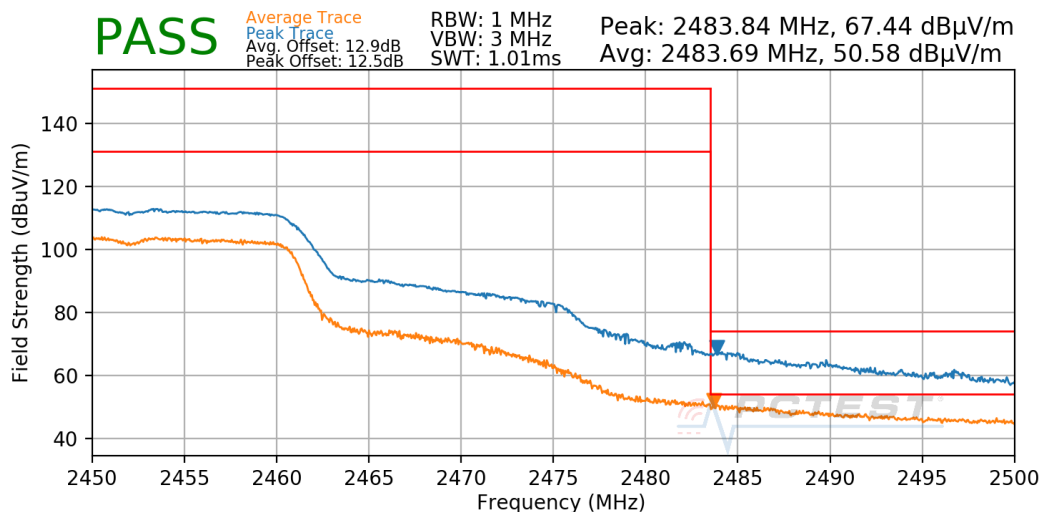


Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2447MHz
Channel: 8



Plot 7-147. Radiated Restricted Upper Band Edge Measurement ANT WF8

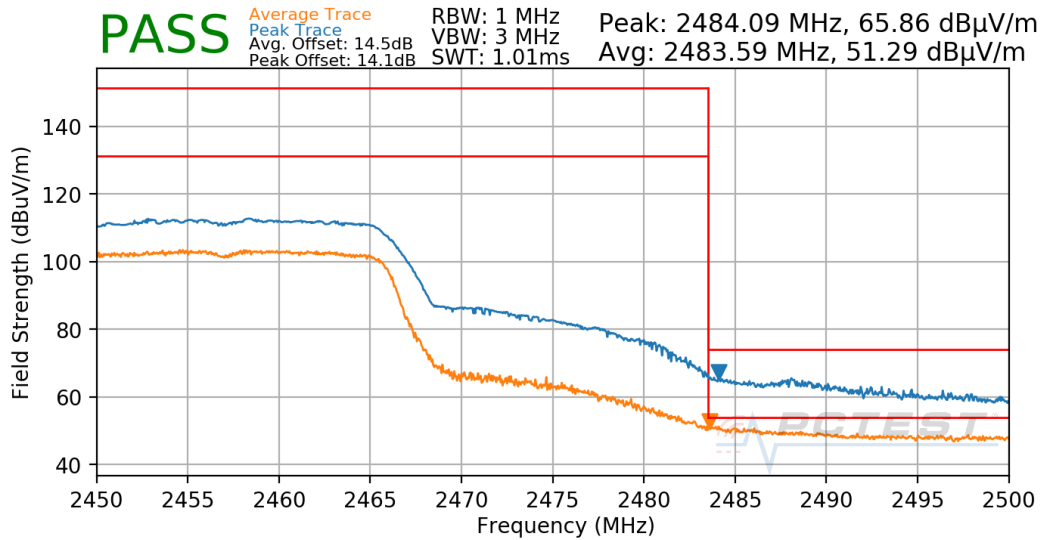
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2452MHz
Channel: 9



Plot 7-148. Radiated Restricted Upper Band Edge Measurement ANT WF8

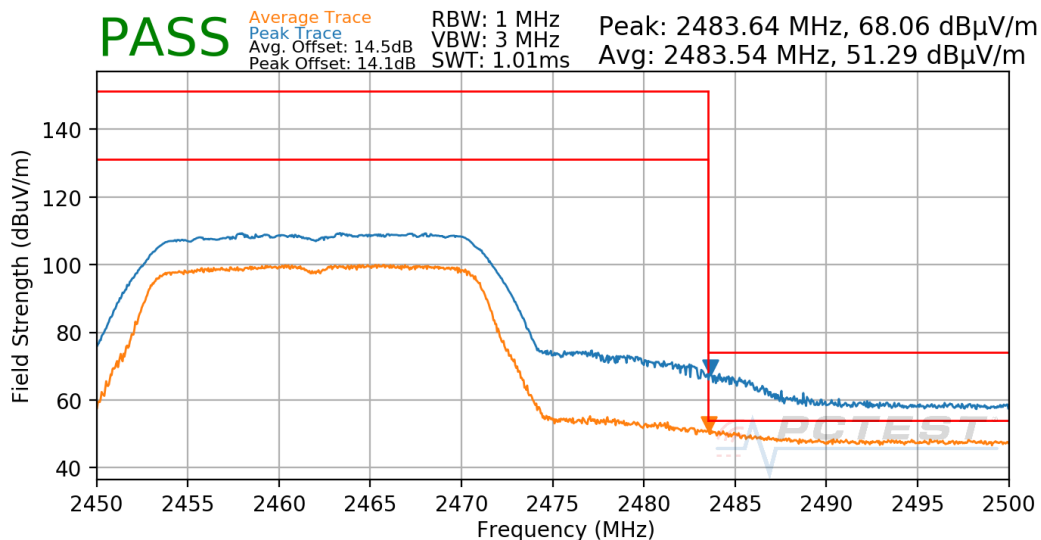
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 119 of 145

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2457MHz
Channel: 10



Plot 7-149. Radiated Restricted Upper Band Edge Measurement ANT WF8

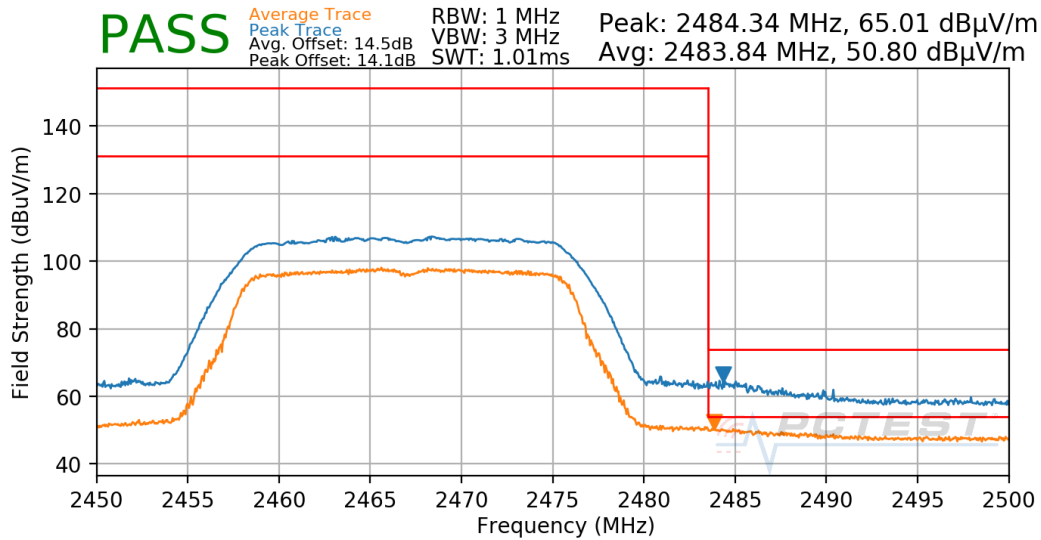
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11



Plot 7-150. Radiated Restricted Upper Band Edge Measurement ANT WF8

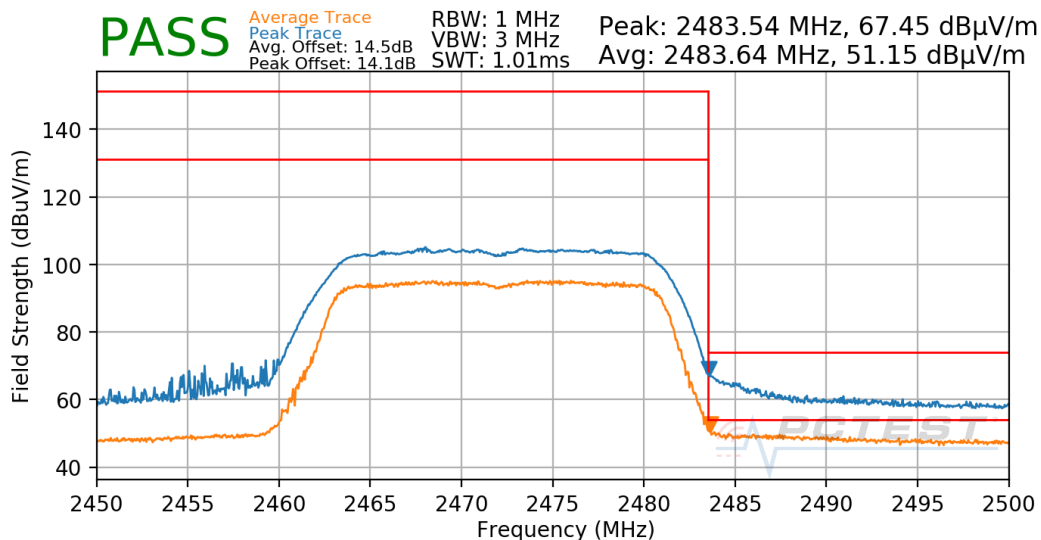
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 120 of 145

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2467MHz
Channel: 12



Plot 7-151. Radiated Restricted Upper Band Edge Measurement ANT WF8

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2472MHz
Channel: 13



Plot 7-152. Radiated Restricted Upper Band Edge Measurement ANT WF8

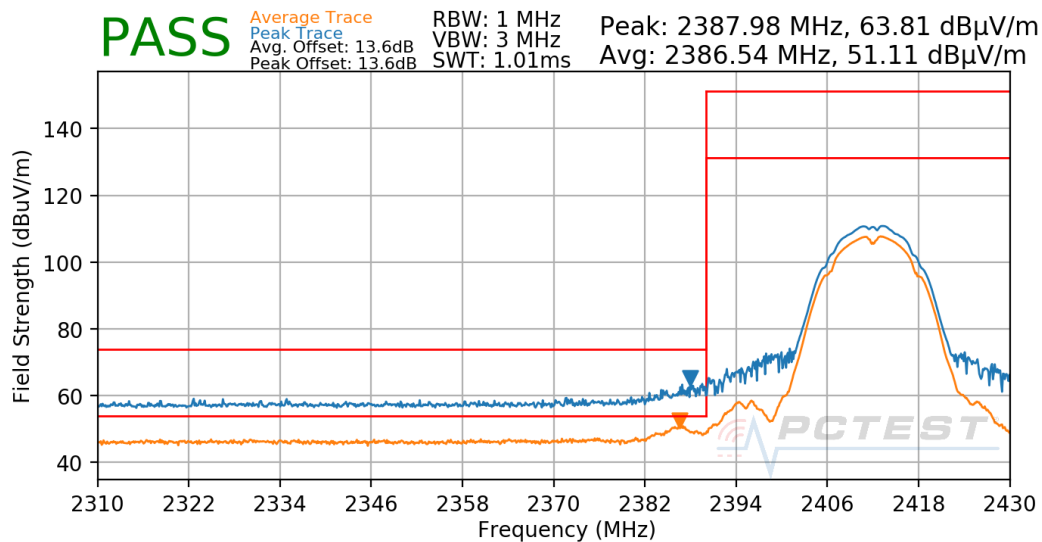
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 121 of 145

7.7.5 Antenna WF7b Radiated Restricted Band Edge Measurements

§15.205 §15.209; RSS-Gen [8.9]

The radiated restricted band edge measurements are measured with an EMI test receiver connected to the receive antenna while the EUT is transmitting.

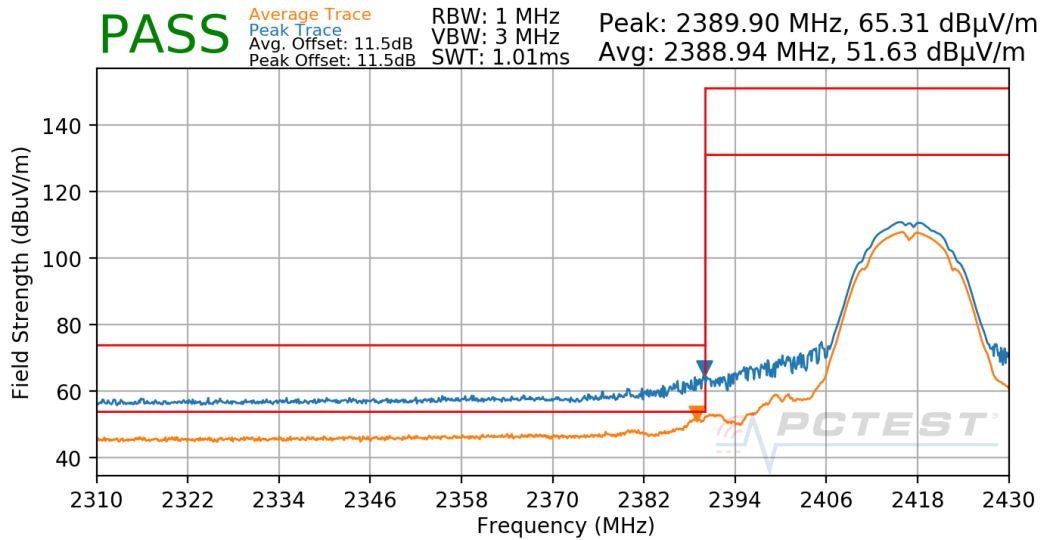
Worst Case Mode:	802.11b
Worst Case Transfer Rate:	1Mbps
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	1



Plot 7-153. Radiated Restricted Lower Band Edge Measurement ANT WF7b

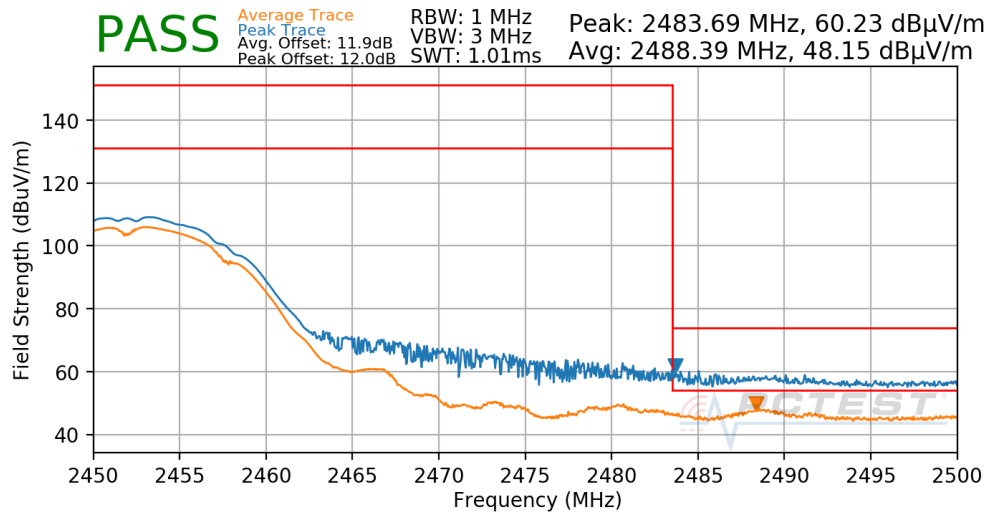
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 122 of 145

Worst Case Mode: 802.11b
Worst Case Transfer Rate: 1Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 2417MHz
Channel: 2



Plot 7-154. Radiated Restricted Lower Band Edge Measurement ANT WF7b

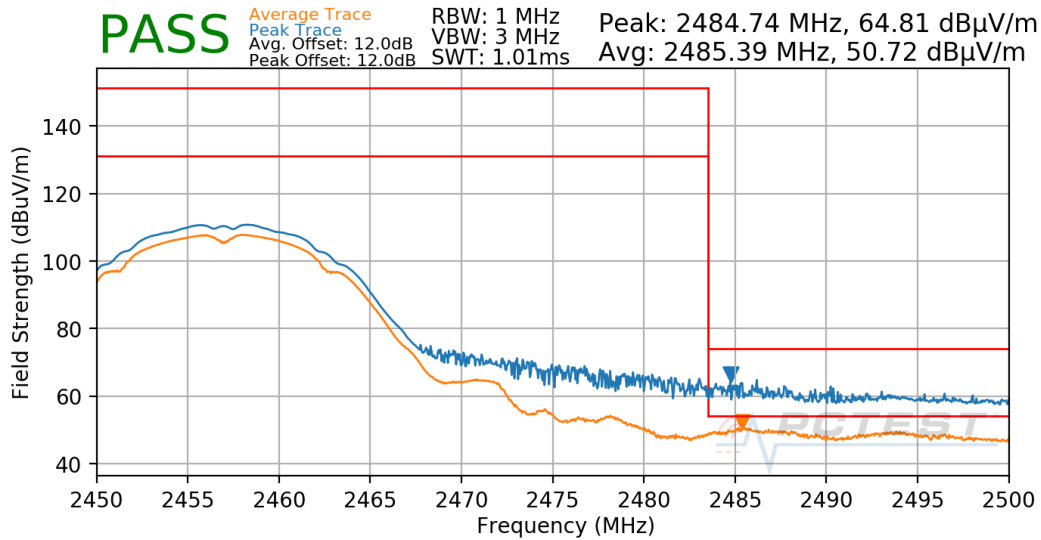
Worst Case Mode: 802.11b
Worst Case Transfer Rate: 1Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 2452MHz
Channel: 9



Plot 7-155. Radiated Restricted Upper Band Edge Measurement ANT WF7b

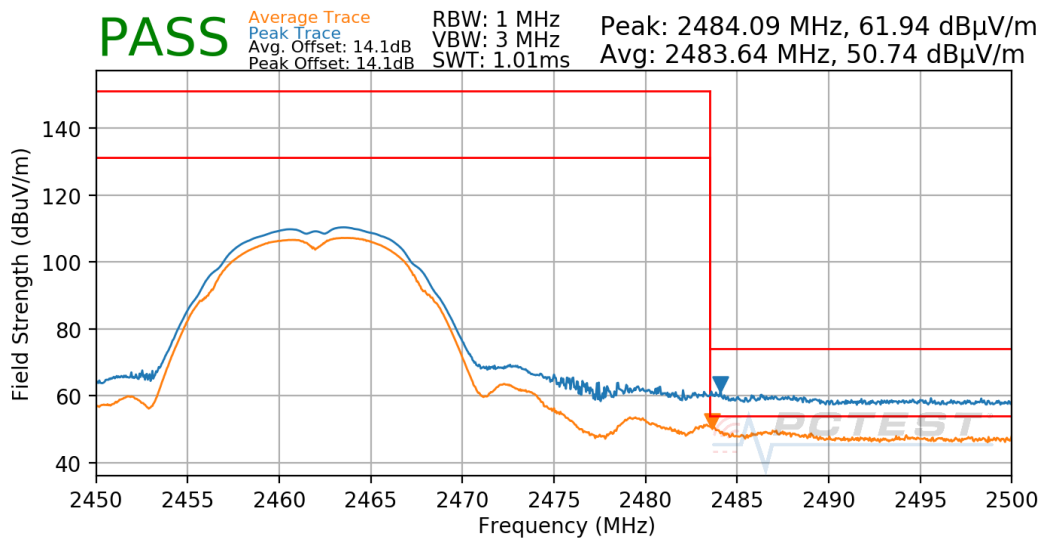
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 123 of 145

Worst Case Mode: 802.11b
Worst Case Transfer Rate: 1Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 2457MHz
Channel: 10



Plot 7-156. Radiated Restricted Upper Band Edge Measurement ANT WF7b

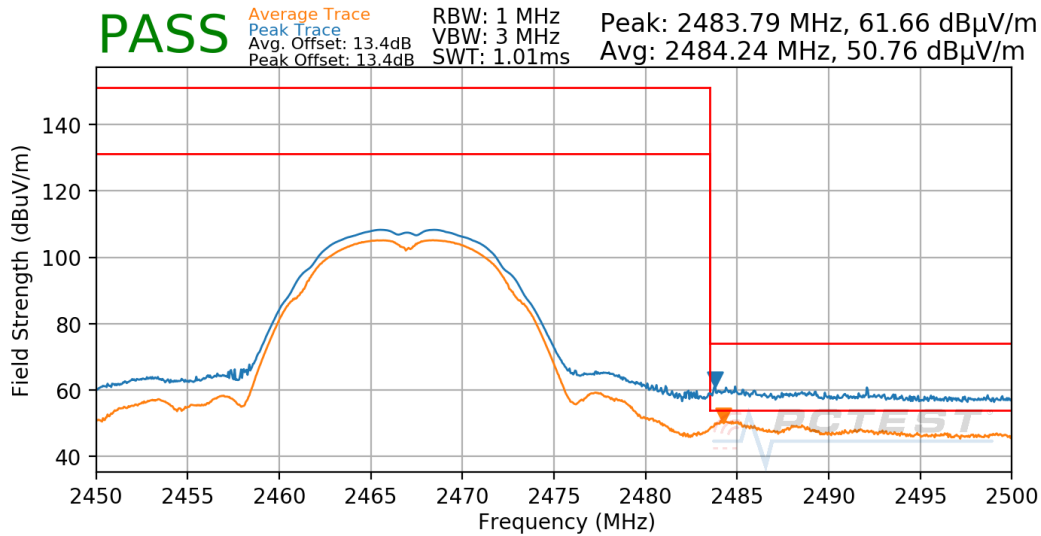
Worst Case Mode: 802.11b
Worst Case Transfer Rate: 1Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11



Plot 7-157. Radiated Restricted Upper Band Edge Measurement ANT WF7b

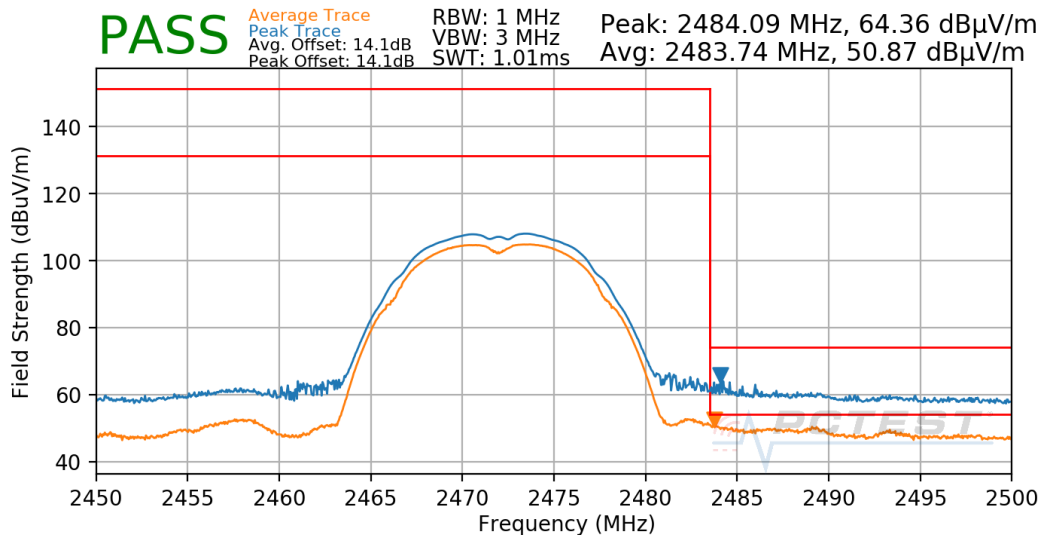
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 124 of 145

Worst Case Mode: 802.11b
Worst Case Transfer Rate: 1Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 2467MHz
Channel: 12



Plot 7-158. Radiated Restricted Upper Band Edge Measurement ANT WF7b

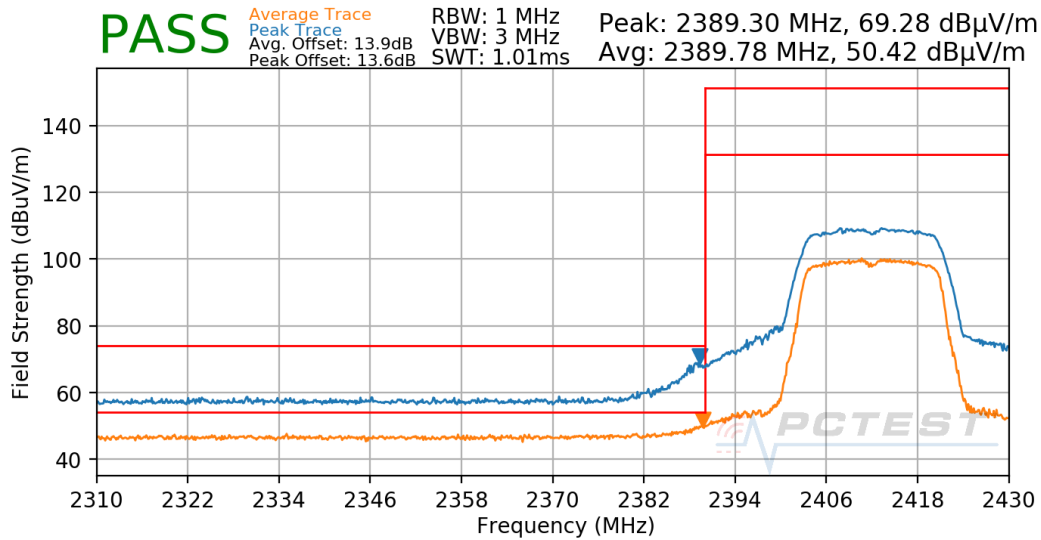
Worst Case Mode: 802.11b
Worst Case Transfer Rate: 1Mbps
Distance of Measurements: 3 Meters
Operating Frequency: 2472MHz
Channel: 13



Plot 7-159. Radiated Restricted Upper Band Edge Measurement ANT WF7b

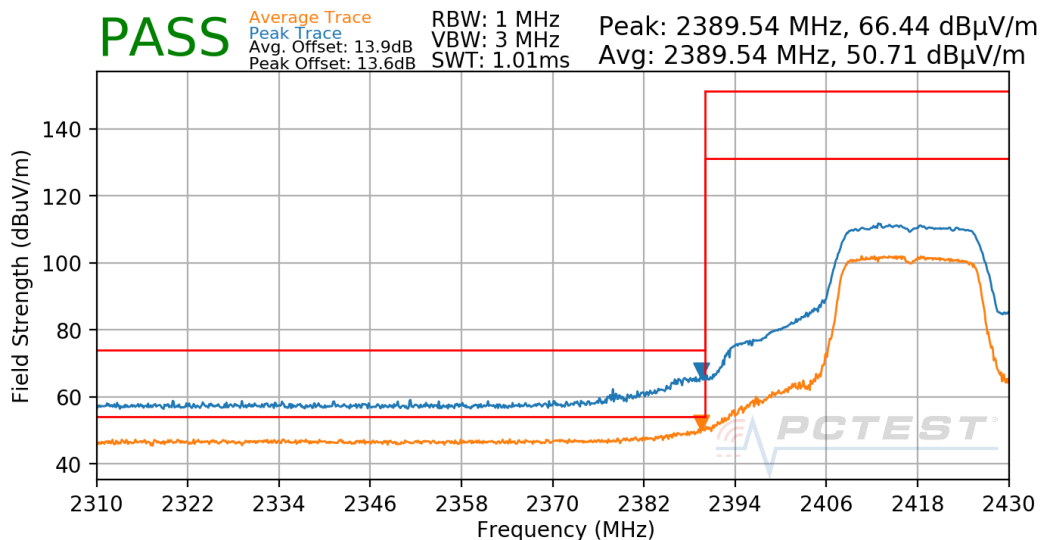
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 125 of 145

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2412MHz
Channel: 1



Plot 7-160. Radiated Restricted Lower Band Edge Measurement ANT WF7b

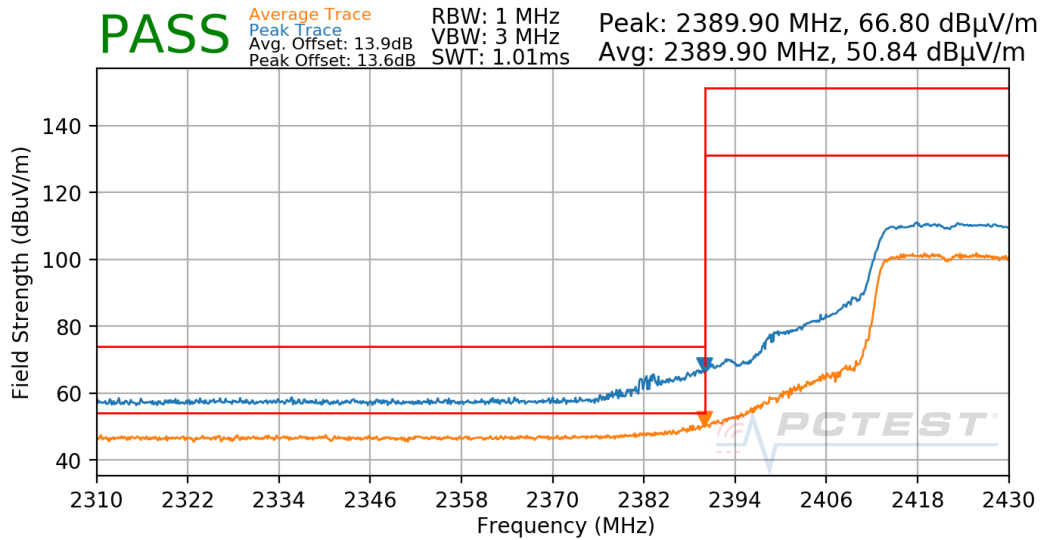
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2417MHz
Channel: 2



Plot 7-161. Radiated Restricted Lower Band Edge Measurement ANT WF7b

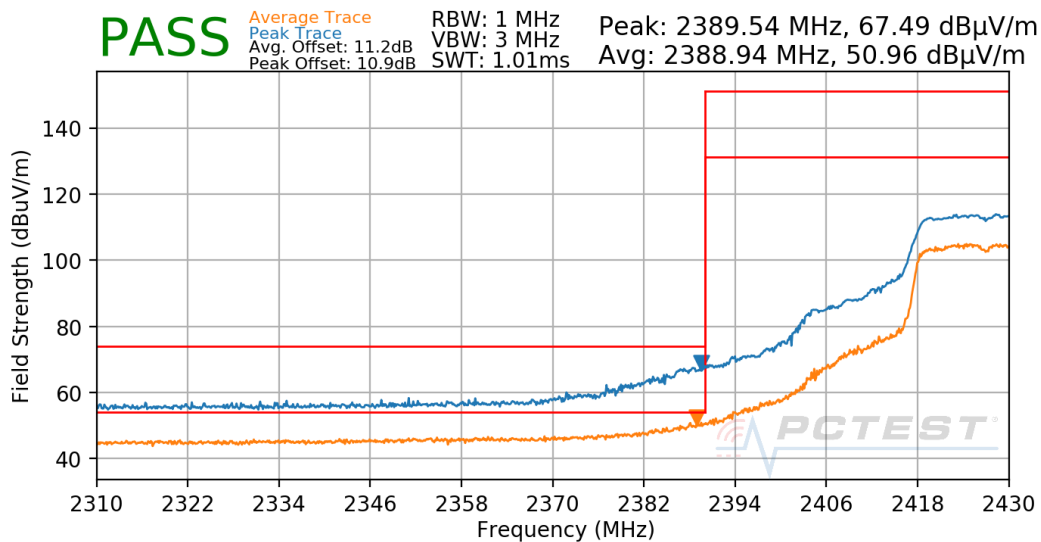
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 126 of 145

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2422MHz
Channel: 3



Plot 7-162. Radiated Restricted Lower Band Edge Measurement ANT WF7b

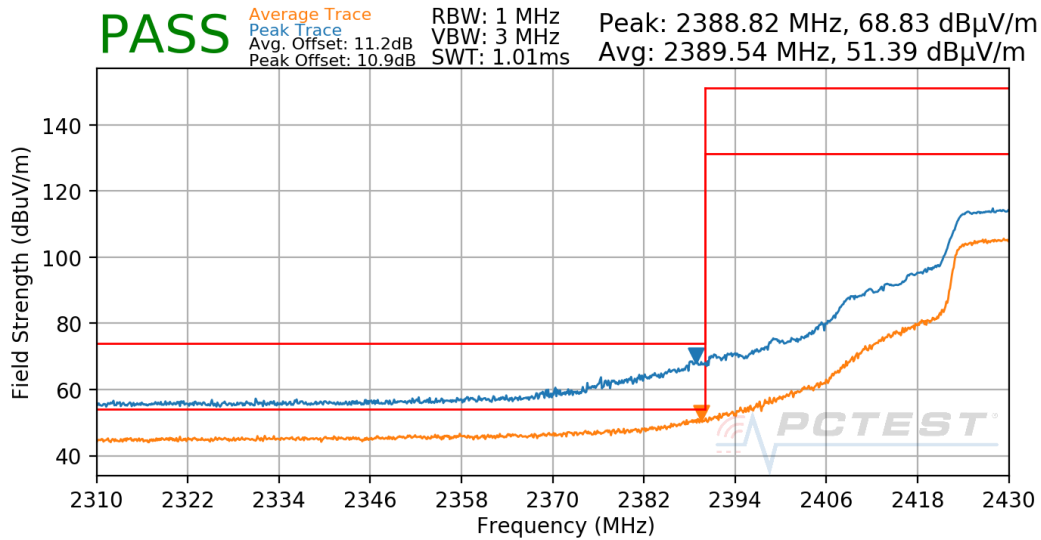
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2427MHz
Channel: 4



Plot 7-163. Radiated Restricted Lower Band Edge Measurement ANT WF7b

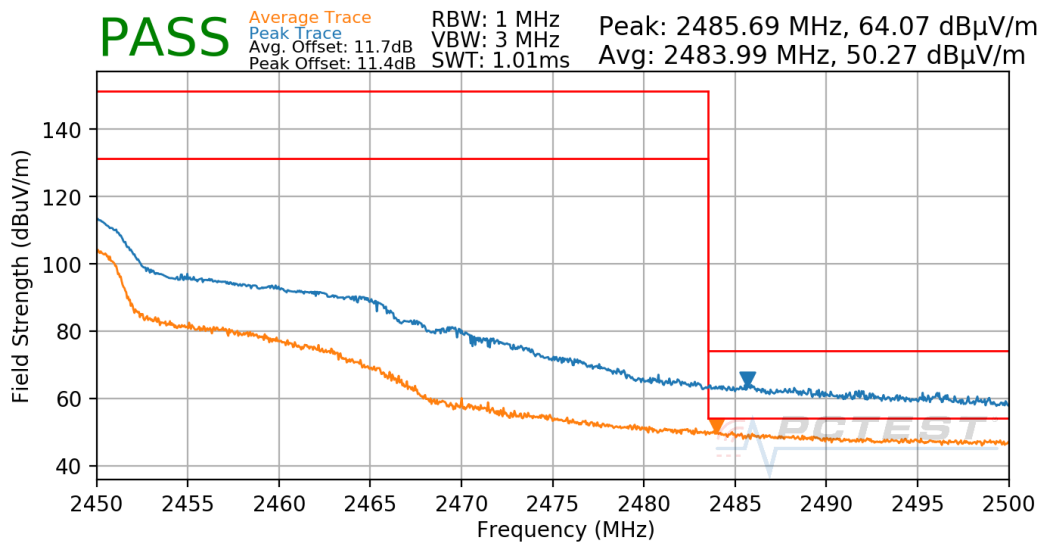
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 127 of 145

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2432MHz
Channel: 5



Plot 7-164. Radiated Restricted Lower Band Edge Measurement ANT WF7b

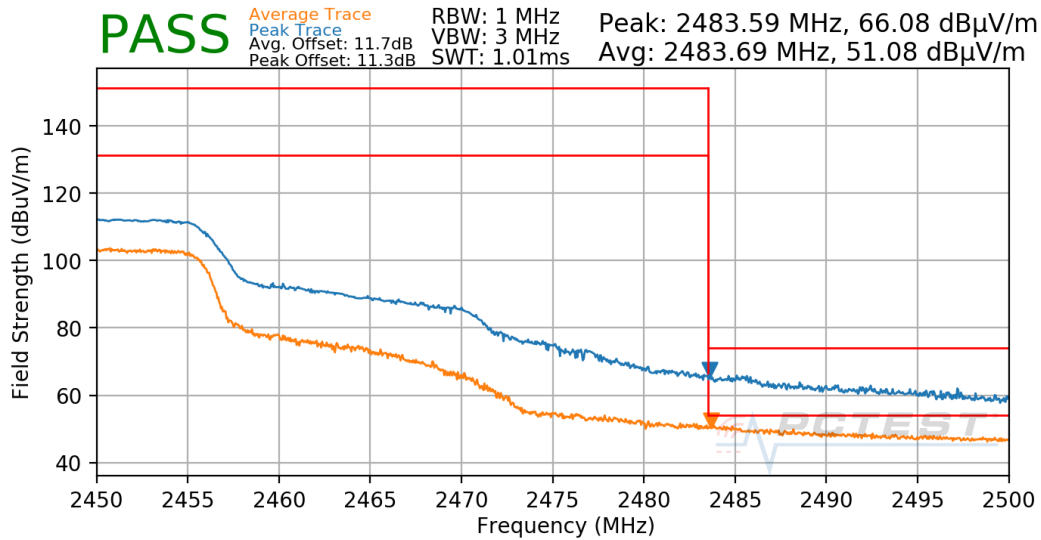
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2442MHz
Channel: 7



Plot 7-165. Radiated Restricted Upper Band Edge Measurement ANT WF7b

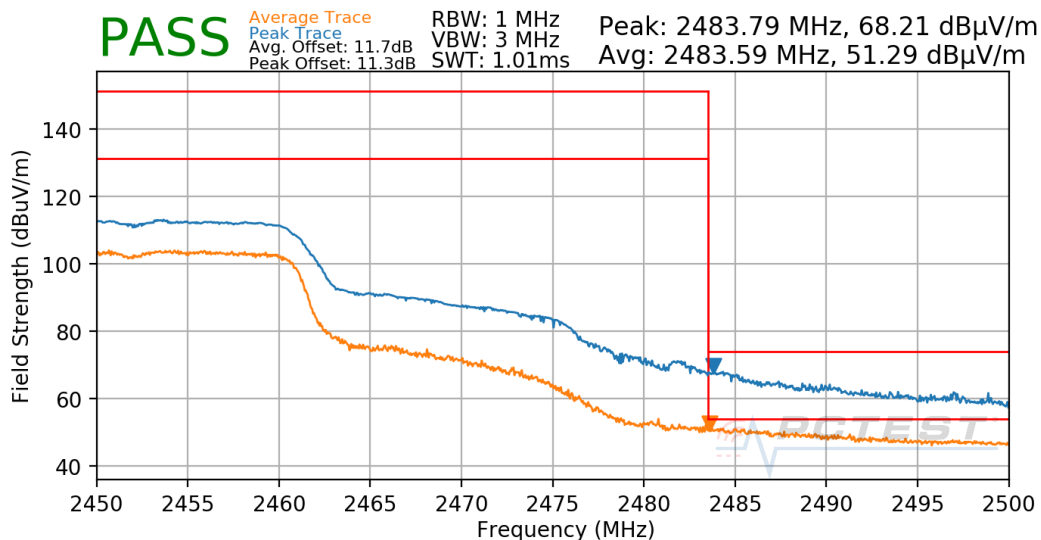
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 128 of 145

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2447MHz
Channel: 8



Plot 7-166. Radiated Restricted Upper Band Edge Measurement ANT WF7b

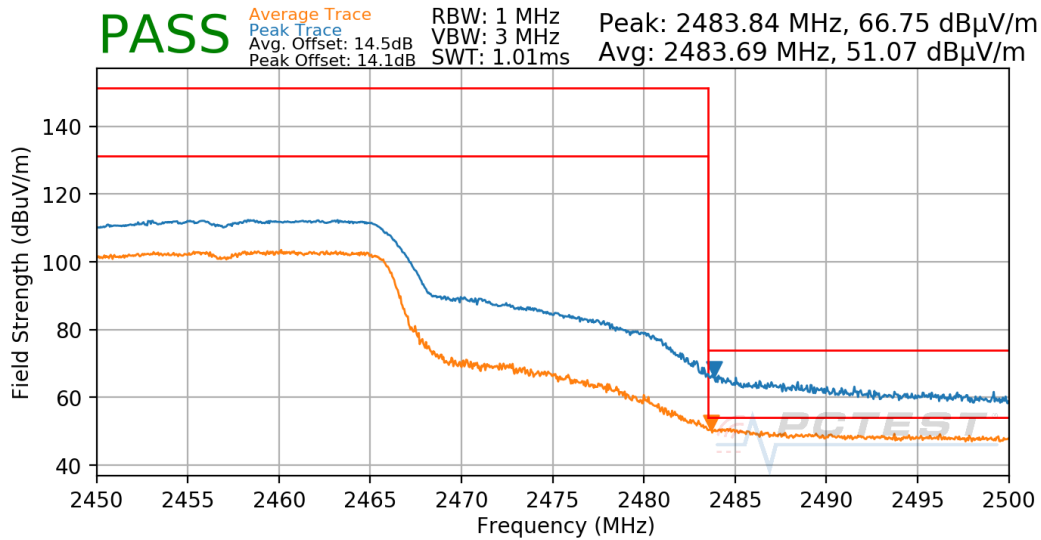
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2452MHz
Channel: 9



Plot 7-167. Radiated Restricted Upper Band Edge Measurement ANT WF7b

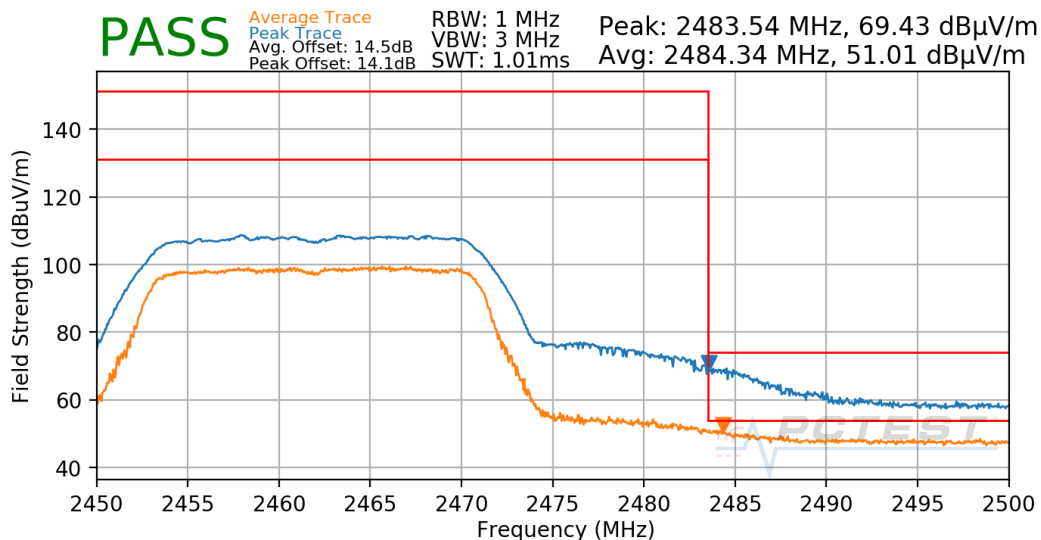
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 129 of 145

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2457MHz
Channel: 10



Plot 7-168. Radiated Restricted Upper Band Edge Measurement ANT WF7b

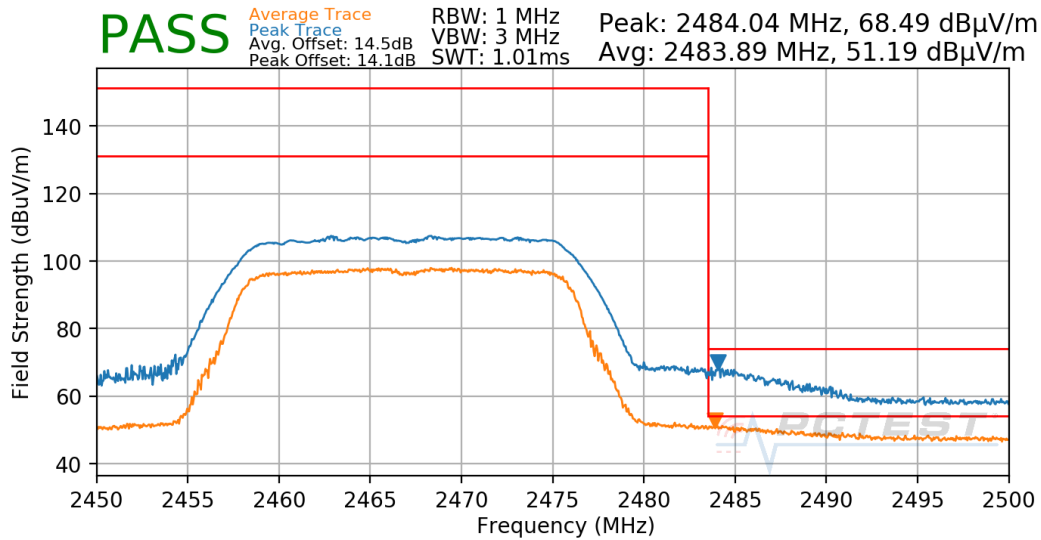
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11



Plot 7-169. Radiated Restricted Upper Band Edge Measurement ANT WF7b

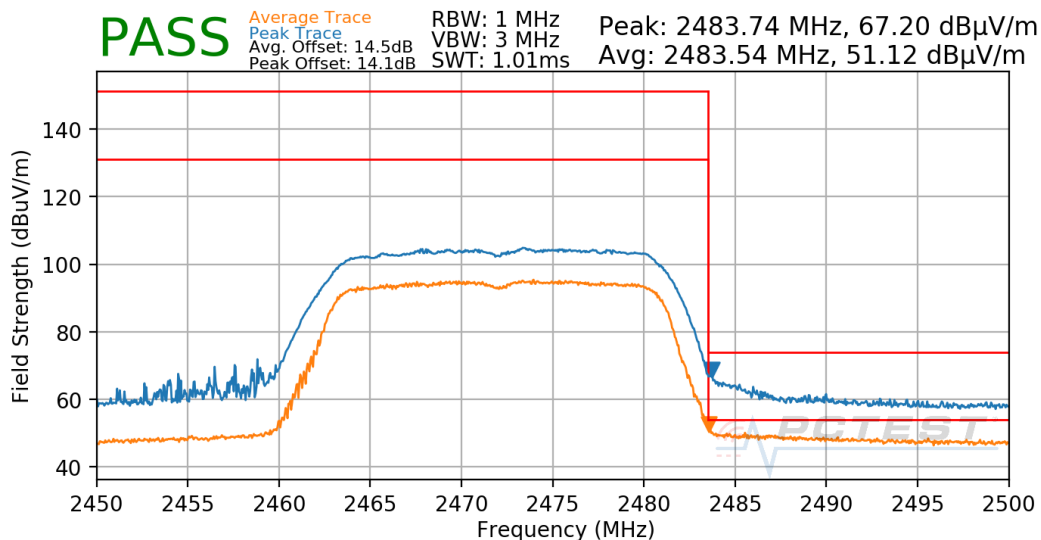
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 130 of 145

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2467MHz
Channel: 12



Plot 7-170. Radiated Restricted Upper Band Edge Measurement ANT WF7b

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS7
Distance of Measurements: 3 Meters
Operating Frequency: 2472MHz
Channel: 13



Plot 7-171. Radiated Restricted Upper Band Edge Measurement ANT WF7b

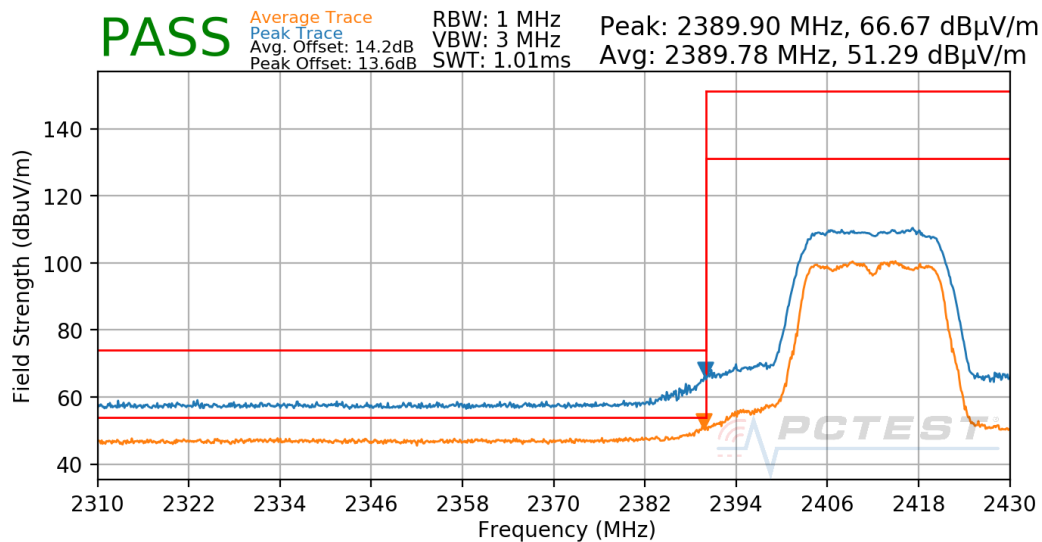
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 131 of 145

7.7.6 CDD Radiated Restricted Band Edge Measurements

§15.205 §15.209; RSS-Gen [8.9]

The radiated restricted band edge measurements are measured with an EMI test receiver connected to the receive antenna while the EUT is transmitting.

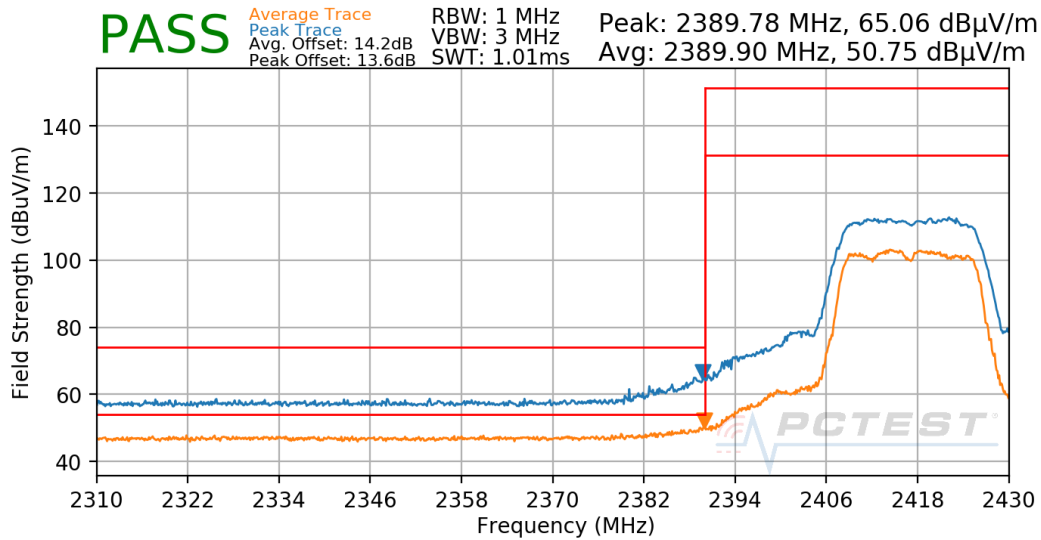
Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS15
Distance of Measurements:	3 Meters
Operating Frequency:	2412MHz
Channel:	1



Plot 7-172. Radiated Restricted Lower Band Edge Measurement CDD

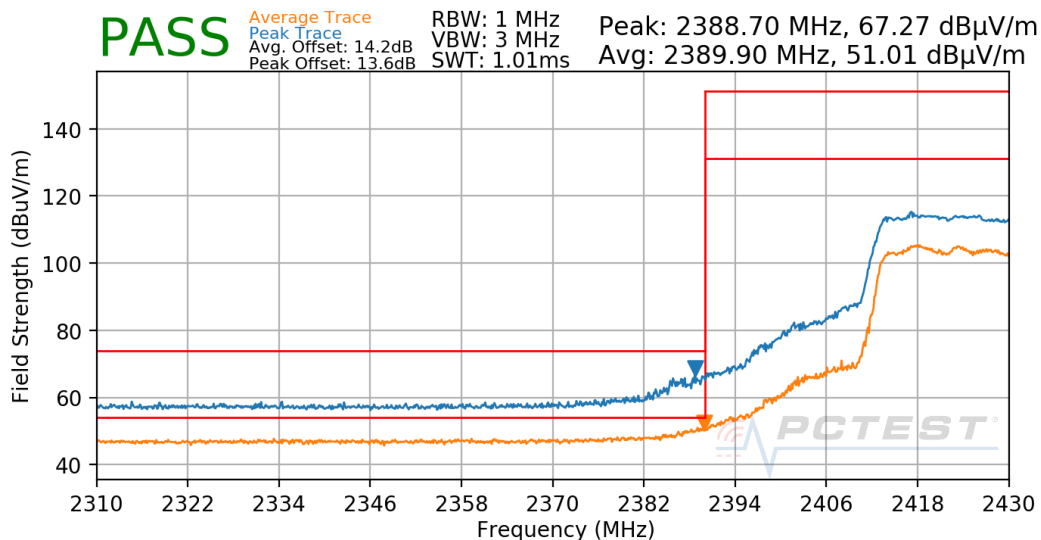
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 132 of 145

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
Distance of Measurements: 3 Meters
Operating Frequency: 2417MHz
Channel: 2



Plot 7-173. Radiated Restricted Lower Band Edge Measurement CDD

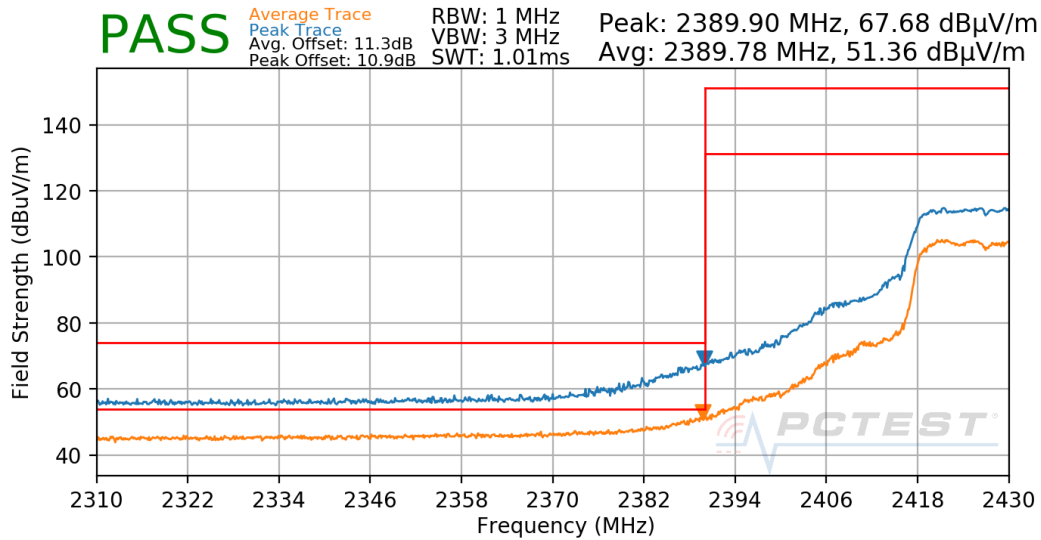
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
Distance of Measurements: 3 Meters
Operating Frequency: 2422MHz
Channel: 3



Plot 7-174. Radiated Restricted Lower Band Edge Measurement CDD

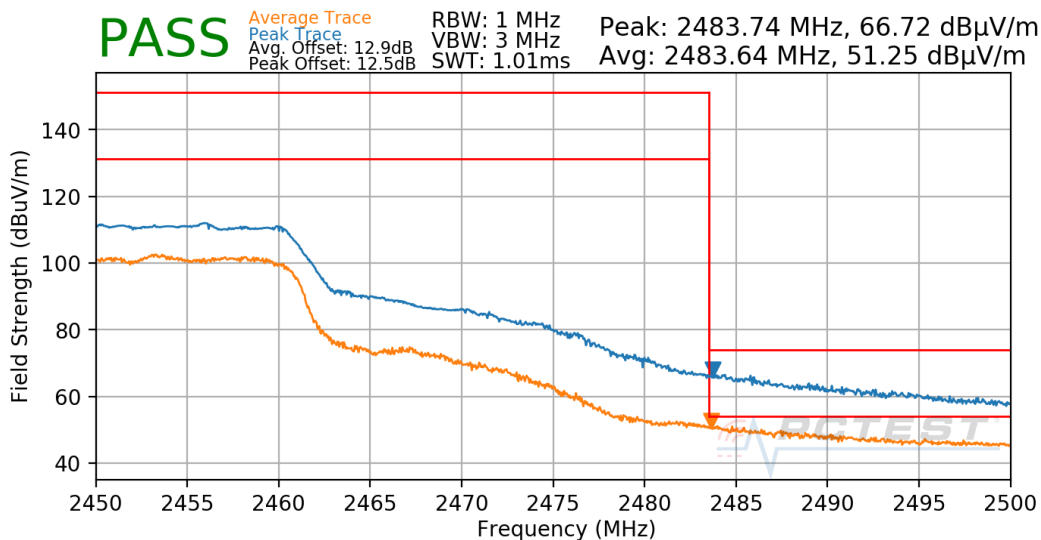
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 133 of 145

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
Distance of Measurements: 3 Meters
Operating Frequency: 2427MHz
Channel: 4



Plot 7-175. Radiated Restricted Lower Band Edge Measurement CDD

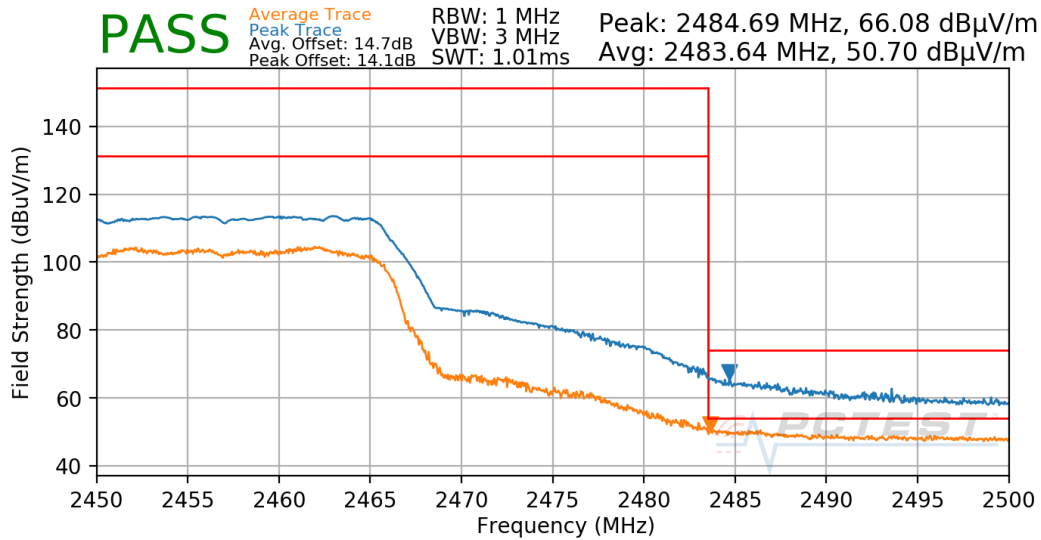
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
Distance of Measurements: 3 Meters
Operating Frequency: 2452MHz
Channel: 9



Plot 7-176. Radiated Restricted Upper Band Edge Measurement CDD

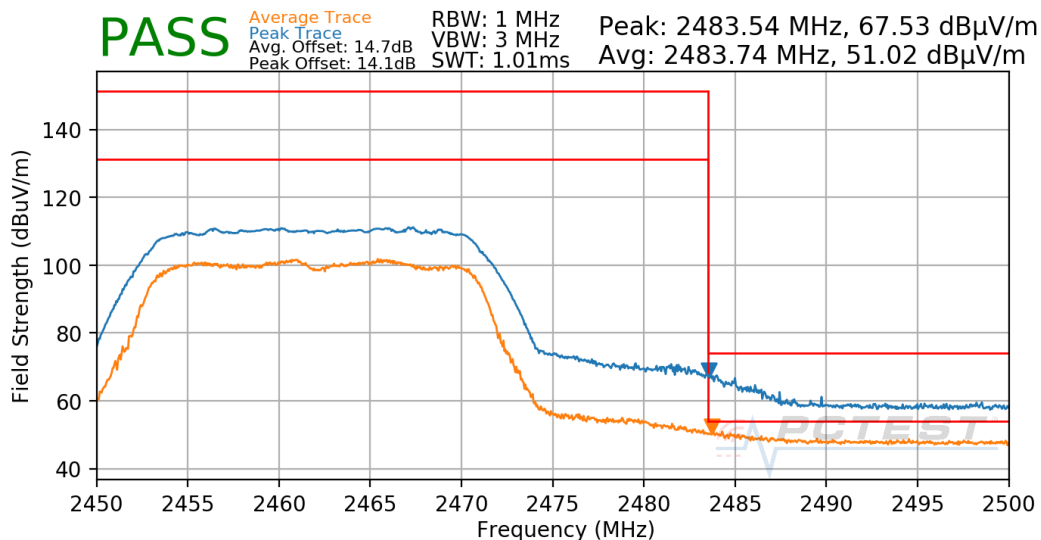
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 134 of 145

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
Distance of Measurements: 3 Meters
Operating Frequency: 2457MHz
Channel: 10



Plot 7-177. Radiated Restricted Upper Band Edge Measurement CDD

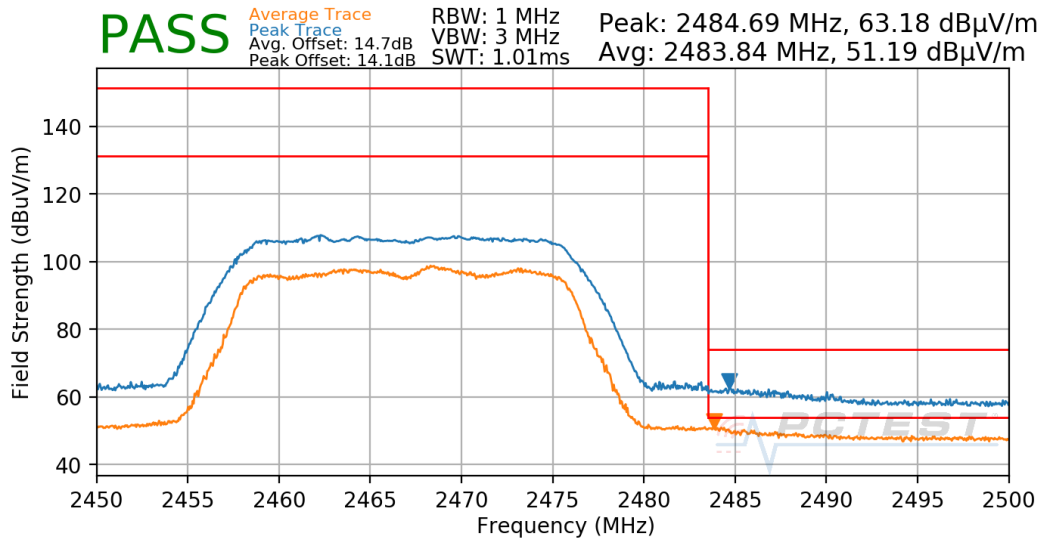
Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
Distance of Measurements: 3 Meters
Operating Frequency: 2462MHz
Channel: 11



Plot 7-178. Radiated Restricted Upper Band Edge Measurement CDD

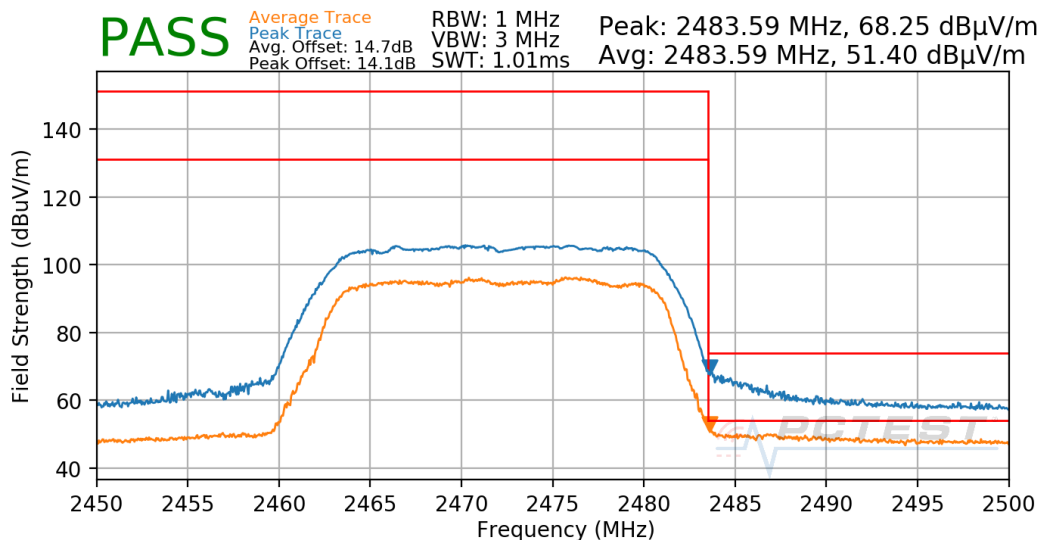
FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 135 of 145

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
Distance of Measurements: 3 Meters
Operating Frequency: 2467MHz
Channel: 12



Plot 7-179. Radiated Restricted Upper Band Edge Measurement CDD

Worst Case Mode: 802.11n
Worst Case Transfer Rate: MCS15
Distance of Measurements: 3 Meters
Operating Frequency: 2472MHz
Channel: 13



Plot 7-180. Radiated Restricted Upper Band Edge Measurement CDD

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 136 of 145

7.8 Radiated Spurious Emissions – 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 7 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-33 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 7-33. 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

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. VBW = 300kHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold

FCC ID: BCGA2316	 PCTEST® Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-02.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 137 of 145

Test Setup

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

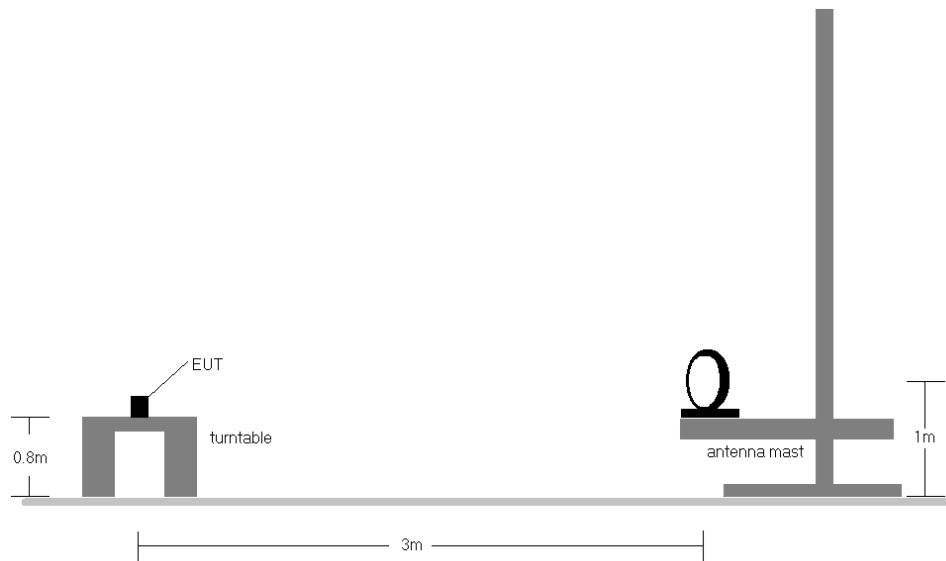


Figure 7-7. Radiated Test Setup < 30Mhz

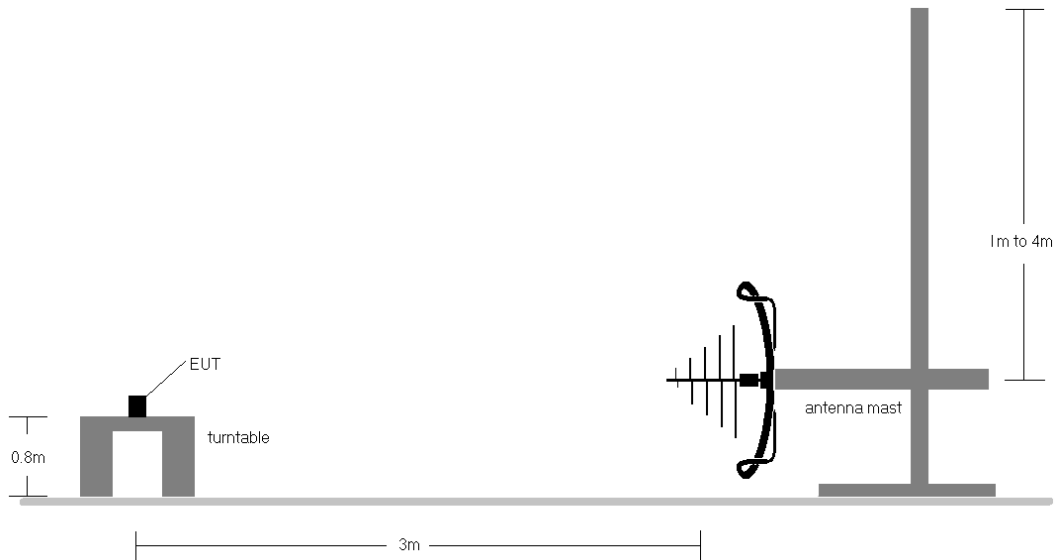


Figure 7-8. Radiated Test Setup < 1GHz

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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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 7-33.
2. The broadband receive antenna is manipulated through vertical and horizontal polarizations during the tests. The EUT is manipulated through three orthogonal planes. For below 30MHz the loop antenna was positioned in 3 orthogonal planes (X front, Y side, Z top) to determine the orientation resulting in the worst case emissions.
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 for emissions within 6dB of the limit.
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. Both configurations below were investigated, and the worst case has been reported.
 - a. EUT powered by AC/DC adaptor via USB-C cable with wire charger
 - b. EUT powered by host PC via USB-C cable with wire charger
9. 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.
10. 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.
11. The unit was tested with all possible modes and only the highest emission is reported.
12. All antenna configurations were investigated and only the worst case is reported.

Sample Calculations

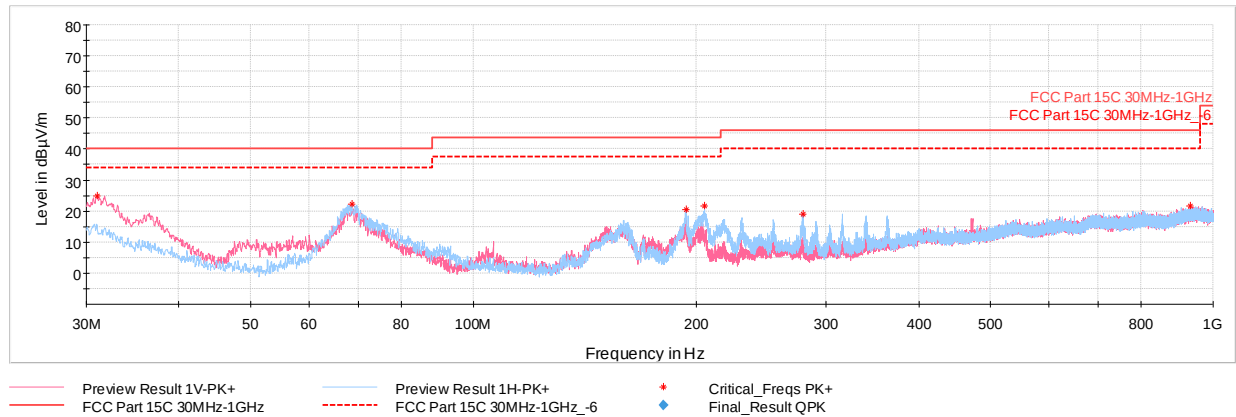
Determining Spurious Emissions Levels

- Field Strength Level $_{[dB\mu V/m]} = \text{Analyzer Level}_{[dBm]} + 107 + \text{AFCL}_{[dB/m]}$
- $\text{AFCL}_{[dB/m]} = \text{Antenna Factor}_{[dB/m]} + \text{Cable Loss}_{[dB]} - \text{Preamplifier Gain}_{[dB]}$
- $\text{Margin}_{[dB]} = \text{Field Strength Level}_{[dB\mu V/m]} - \text{Limit}_{[dB\mu V/m]}$

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CDD Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209; RSS-Gen [8.9]



Plot 7-181. Radiated Spurious Emissions below 1GHz CDD Ch.6, with AC/DC Adapter

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	Limit [dBµV/m]	Margin [dB]
31.07	Max Peak	V	100	196	-64.15	-18.00	24.85	40.00	-15.15
68.51	Max Peak	H	250	174	-58.33	-26.52	22.15	40.00	-17.85
193.93	Max Peak	H	100	20	-63.49	-22.88	20.63	43.52	-22.89
205.38	Max Peak	H	100	15	-63.57	-21.90	21.53	43.52	-21.99
279.10	Max Peak	H	100	131	-68.36	-19.67	18.97	46.02	-27.05
932.25	Max Peak	V	250	149	-79.92	-5.47	21.61	46.02	-24.41

Table 7-34. Radiated Spurious Emissions below 1GHz CDD Ch.6, with AC/DC Adapter

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7.9 AC Line-Conducted Emissions Measurement

§15.207; 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 AC Line 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 (dBμV)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

Table 7-35. Conducted Limits

*Decreases with the logarithm of the frequency.

Test Procedures Used

ANSI C63.10-2013, Section 6.2

Test Settings

Quasi-Peak 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 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

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Test Setup

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

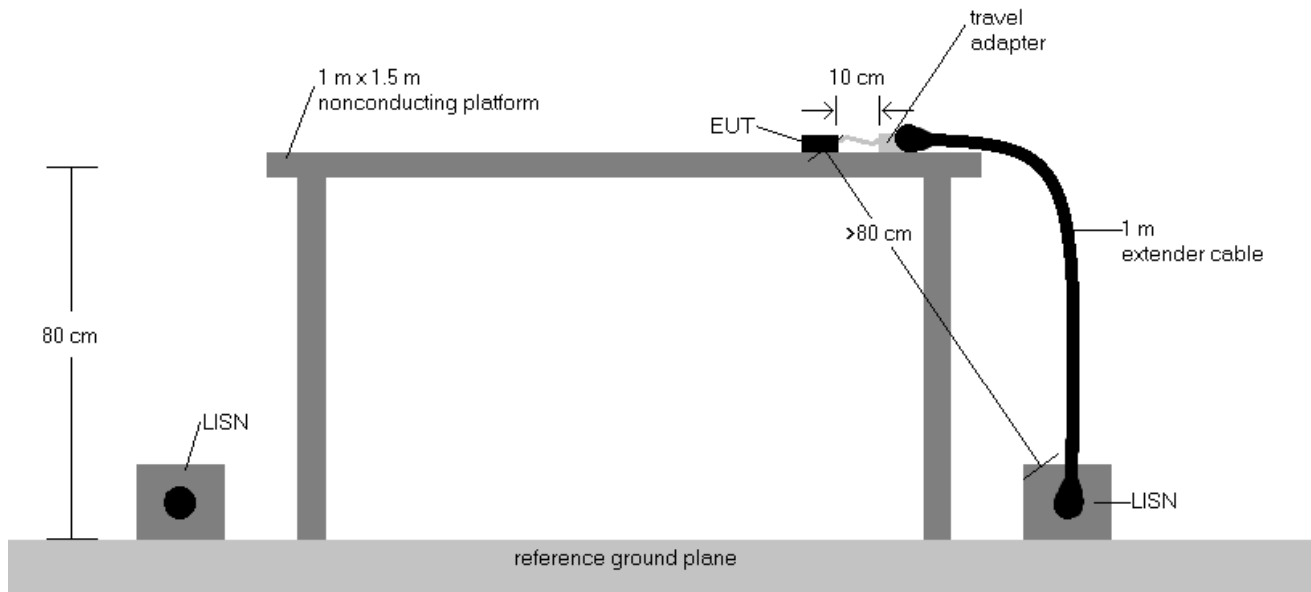
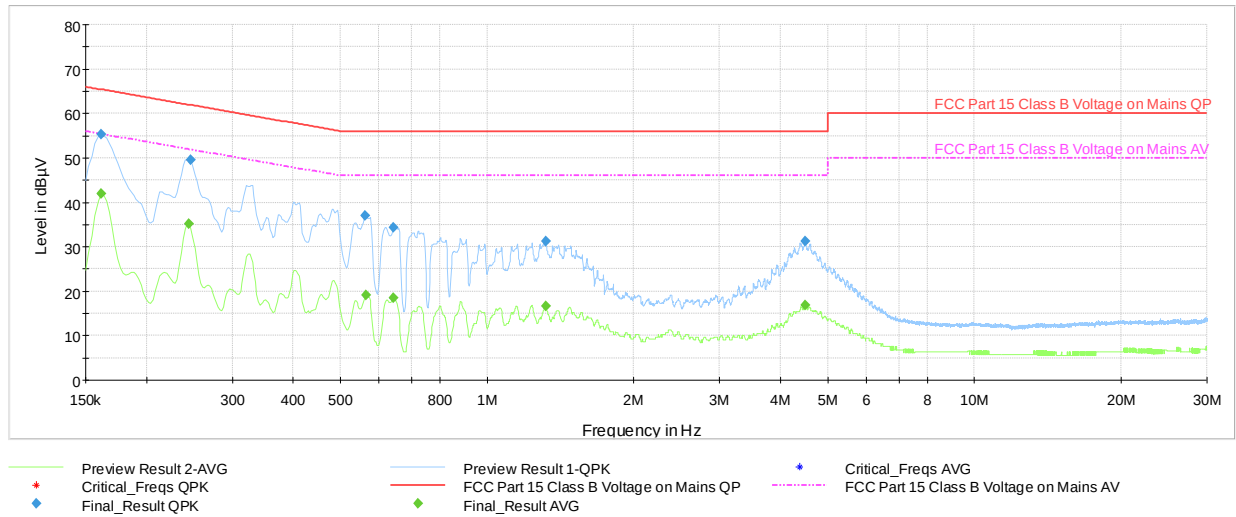


Figure 7-9. Test Instrument & Measurement Setup

Test Notes

1. All modes of operation were investigated and the worst-case emissions are reported. The emissions found were not affected by the choice of channel used during testing.
2. Both configurations below were investigated, and the worst case has been reported.
 - a. EUT powered by AC/DC adaptor via USB-C cable with wire charger
 - b. EUT powered by host PC via USB-C cable with wire charger
3. The limit for an intentional radiator from 150kHz to 30MHz are specified in Part 15.207 and RSS-Gen(8.8).
4. $\text{Corr. (dB)} = \text{Cable loss (dB)} + \text{LISN insertion factor (dB)}$
5. $\text{QP/AV Level (dB}\mu\text{V)} = \text{QP/AV Analyzer/Receiver Level (dB}\mu\text{V)} + \text{Corr. (dB)}$
6. $\text{Margin (dB)} = \text{QP/AV Level (dB}\mu\text{V)} - \text{QP/AV Limit (dB}\mu\text{V)}$
7. Traces shown in plot are made using quasi peak and average detectors.
8. Deviations to the Specifications: None.
9. The unit was tested with all possible modes and only the highest emission is reported.

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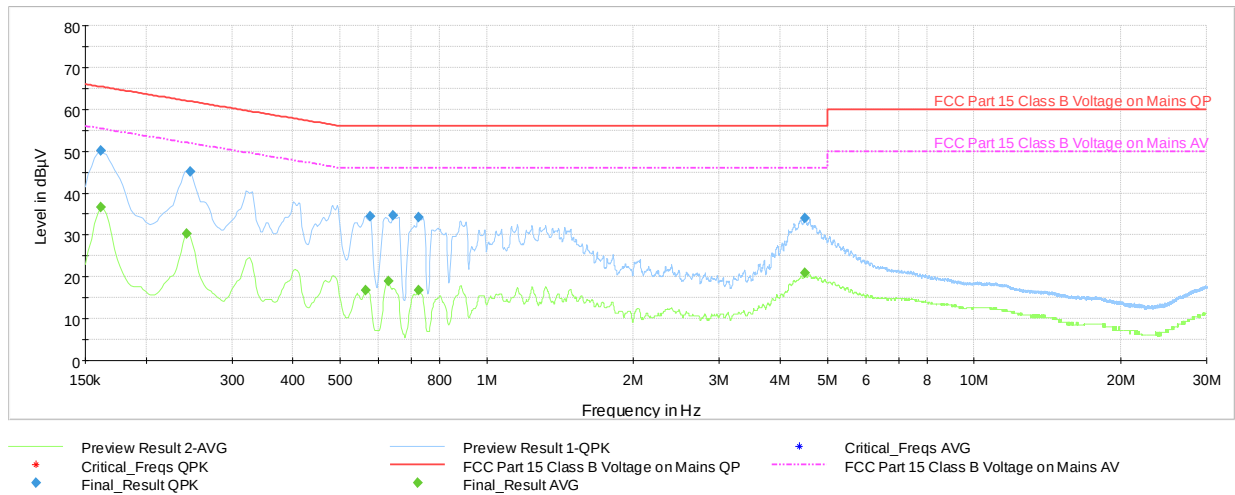


Plot 7-182. AC Line Conducted Plot with CDD Ch.6 (L1, with AC/DC Adapter)

Frequency [MHz]	Process State	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Line	PE
0.161	FINAL	55.4	—	65.40	-10.04	L1	GND
0.161	FINAL	—	41.87	55.40	-13.53	L1	GND
0.245	FINAL	—	35.10	51.94	-16.84	L1	GND
0.247	FINAL	49.6	—	61.87	-12.32	L1	GND
0.562	FINAL	37.0	—	56.00	-19.00	L1	GND
0.564	FINAL	—	19.09	46.00	-26.91	L1	GND
0.643	FINAL	—	18.49	46.00	-27.51	L1	GND
0.643	FINAL	34.4	—	56.00	-21.57	L1	GND
1.318	FINAL	—	16.70	46.00	-29.30	L1	GND
1.320	FINAL	31.3	—	56.00	-24.71	L1	GND
4.493	FINAL	—	16.90	46.00	-29.10	L1	GND
4.495	FINAL	31.3	—	56.00	-24.75	L1	GND

Table 7-36. AC Line Conducted Data with CDD Ch.6 (L1, with AC/DC Adapter)

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Plot 7-183. AC Line Conducted Plot with CDD Ch.6 (N, with AC/DC Adapter)

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.161	FINAL	50.0	—	65.40	-15.37	N	GND
0.161	FINAL	—	36.66	55.40	-18.74	N	GND
0.242	FINAL	—	30.41	52.02	-21.61	N	GND
0.247	FINAL	45.1	—	61.87	-16.75	N	GND
0.564	FINAL	—	16.78	46.00	-29.22	N	GND
0.578	FINAL	34.4	—	56.00	-21.65	N	GND
0.627	FINAL	—	18.88	46.00	-27.12	N	GND
0.643	FINAL	34.6	—	56.00	-21.38	N	GND
0.724	FINAL	—	16.70	46.00	-29.30	N	GND
0.724	FINAL	34.3	—	56.00	-21.70	N	GND
4.493	FINAL	—	20.85	46.00	-25.15	N	GND
4.502	FINAL	34.1	—	56.00	-21.92	N	GND

Table 7-37. AC Line Conducted Data with CDD Ch.6 (N, with AC/DC Adapter)

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8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Tablet Device FCC ID: BCGA2316** 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.

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