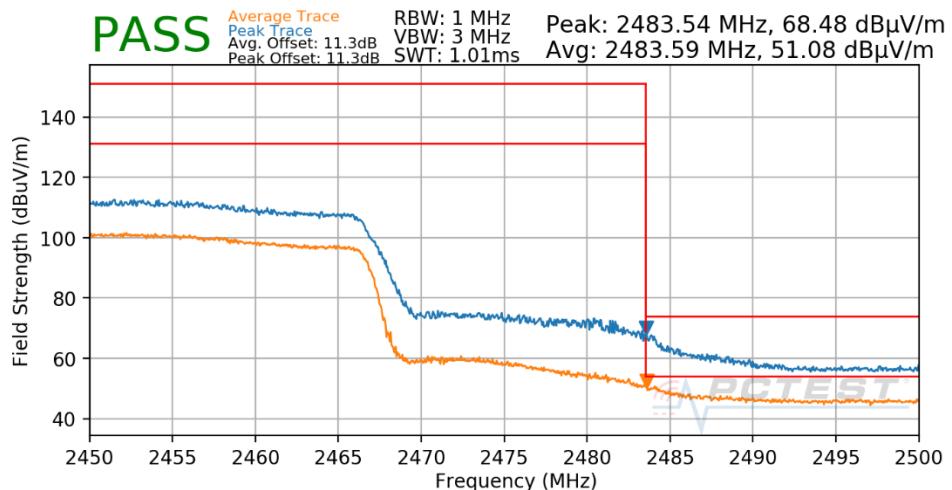
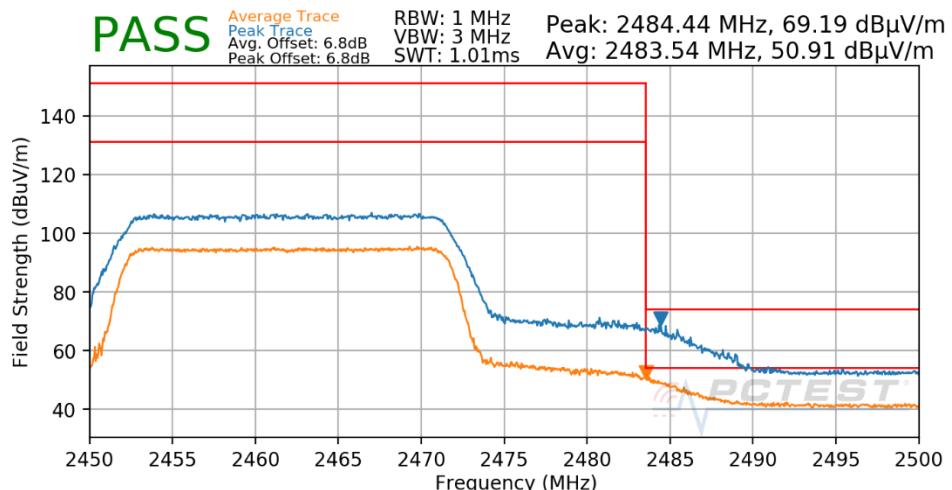


Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2457MHz  
 Channel: 10



**Plot 7-202. Radiated Restricted Upper Band Edge Measurement Antenna 1a (Peak & Average – RU242)**

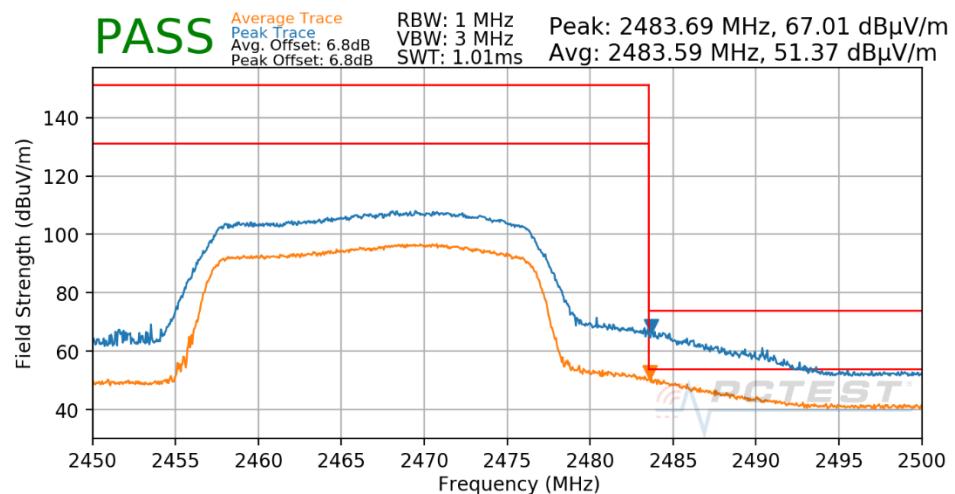
Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2462MHz  
 Channel: 11



**Plot 7-203. Radiated Restricted Upper Band Edge Measurement Antenna 1a (Peak & Average – RU242)**

FCC ID: BCGA2324	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-07.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device		Page 144 of 169

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2467MHz  
 Channel: 12



Plot 7-204. Radiated Restricted Upper Band Edge Measurement Antenna 1a (Peak & Average – RU242)

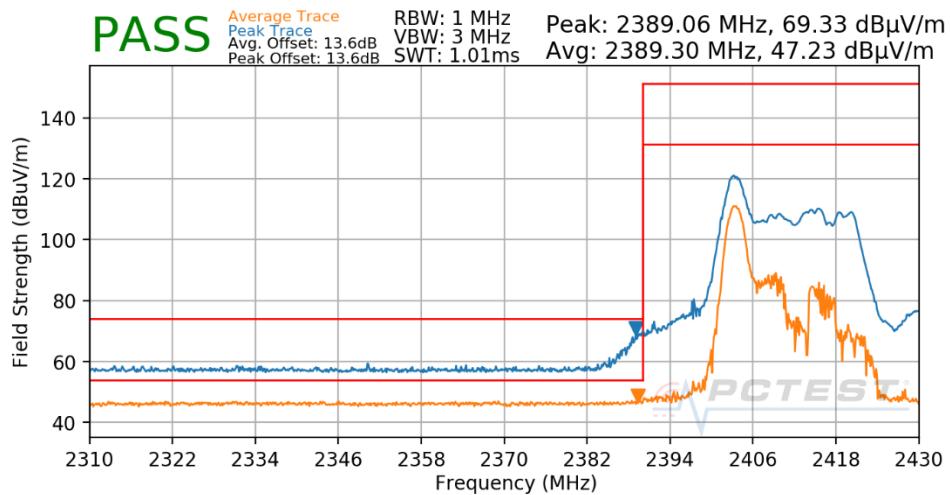
FCC ID: BCGA2324	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-07.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 145 of 169	

## 7.7.6 CDD Radiated Restricted Band Edge Measurements

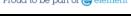
### §15.205 §15.209; RSS-Gen [8.9]

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

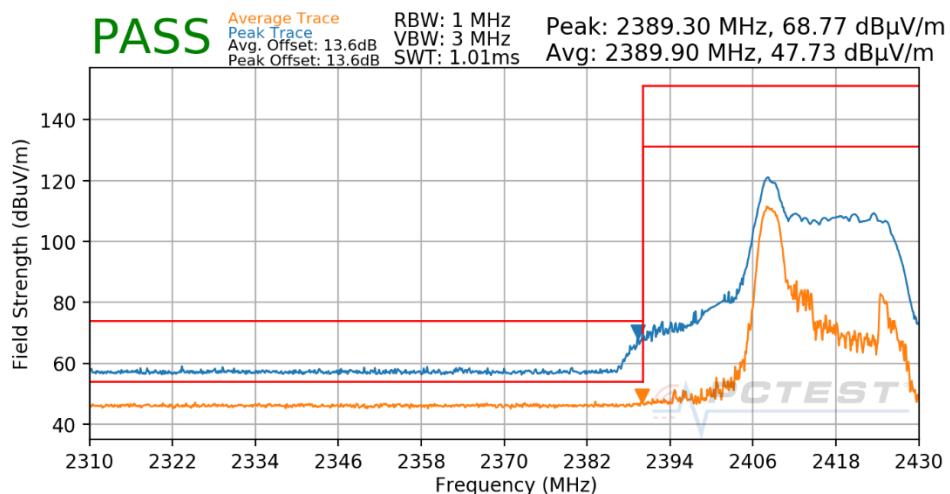
Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2412MHz  
 Channel: 1



Plot 7-205. Radiated Restricted Lower Band Edge Measurement CDD (Peak & Average – RU26)

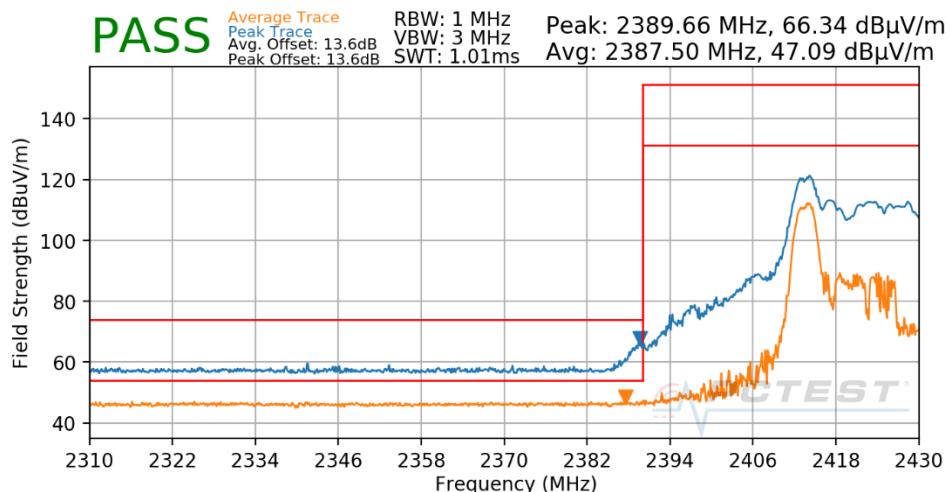
FCC ID: BCGA2324	 <b>PCTEST®</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-07.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 146 of 169	

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2417MHz  
 Channel: 2



**Plot 7-206. Radiated Restricted Lower Band Edge Measurement CDD (Peak & Average – RU26)**

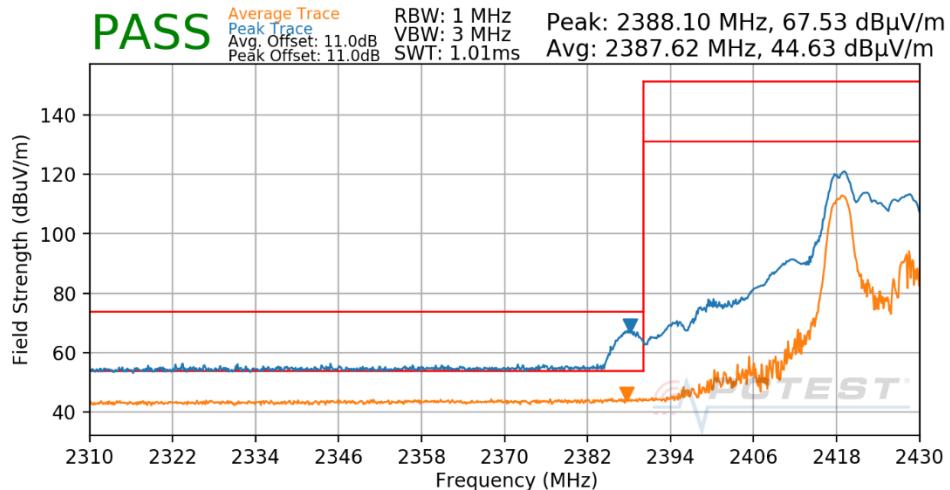
Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2422MHz  
 Channel: 3



**Plot 7-207. Radiated Restricted Lower Band Edge Measurement CDD (Peak & Average – RU26)**

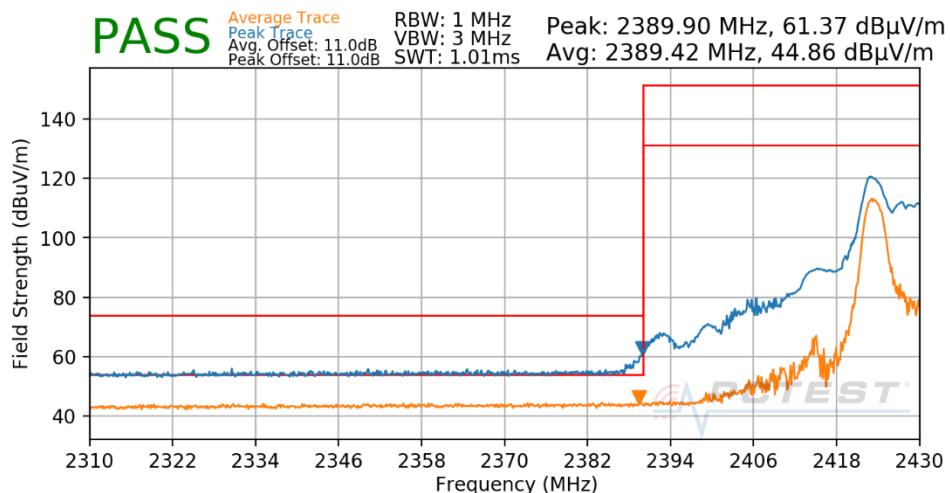
FCC ID: BCGA2324	<b>PCTEST</b> Proud to be part of 			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-07.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device			

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2427MHz  
 Channel: 4



**Plot 7-208. Radiated Restricted Lower Band Edge Measurement CDD (Peak & Average – RU26)**

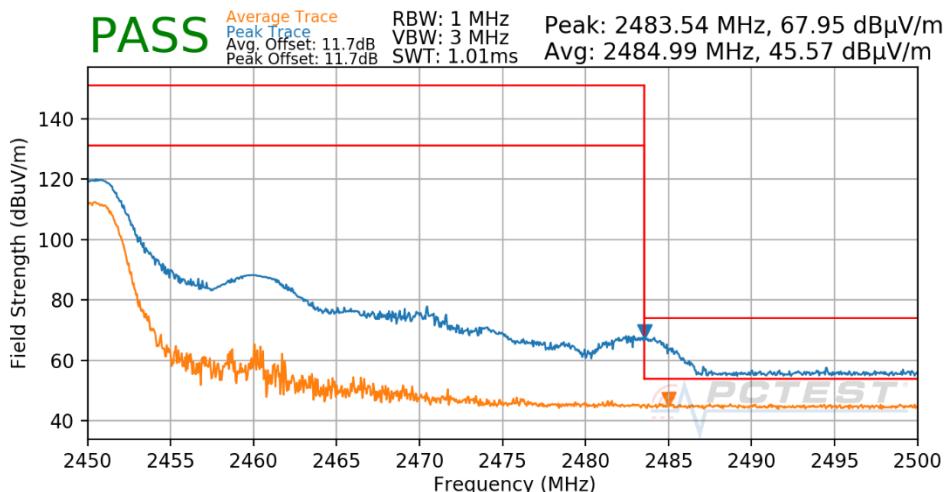
Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 0  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2432MHz  
 Channel: 5



**Plot 7-209. Radiated Restricted Lower Band Edge Measurement CDD (Peak & Average – RU26)**

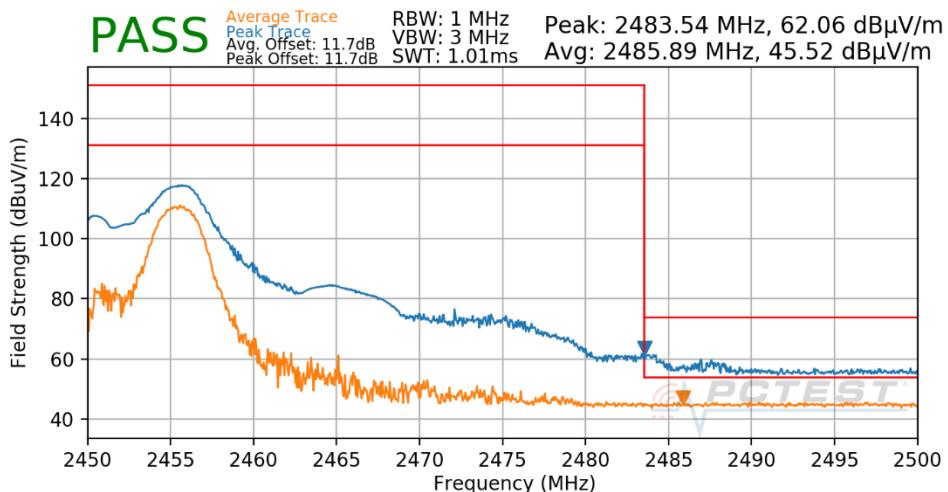
FCC ID: BCGA2324	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-07.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 148 of 169	

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 8  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2442MHz  
 Channel: 7



**Plot 7-210. Radiated Restricted Upper Band Edge Measurement CDD (Peak & Average – RU26)**

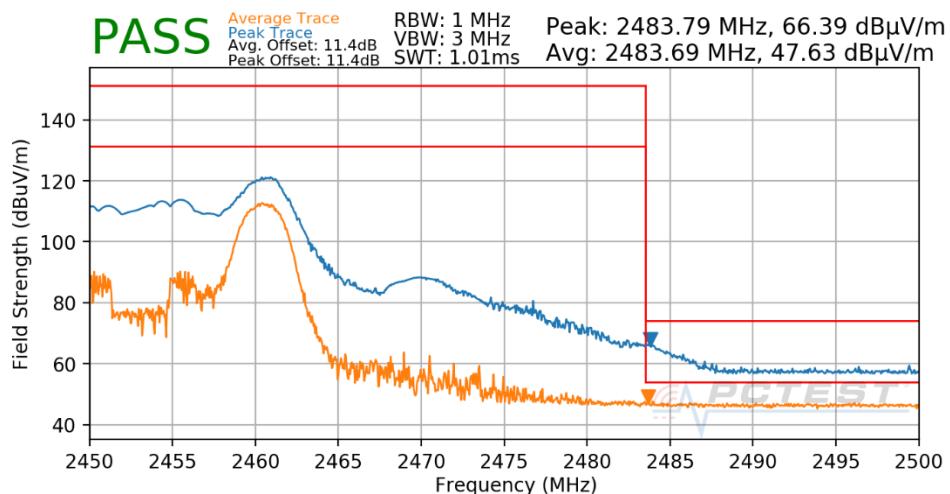
Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 8  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2447MHz  
 Channel: 8



**Plot 7-211. Radiated Restricted Upper Band Edge Measurement CDD (Peak & Average – RU26)**

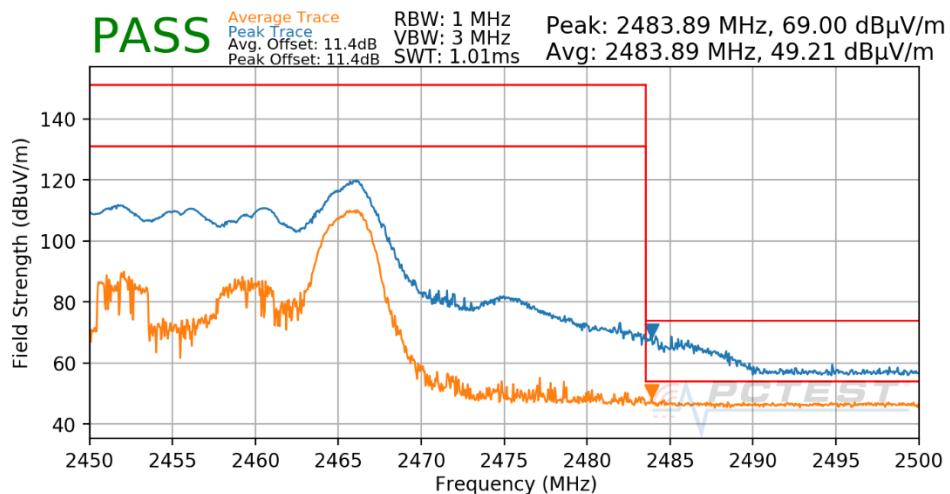
FCC ID: BCGA2324	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-07.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device		Page 149 of 169

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 8  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2452MHz  
 Channel: 9



**Plot 7-212. Radiated Restricted Upper Band Edge Measurement CDD (Peak & Average – RU26)**

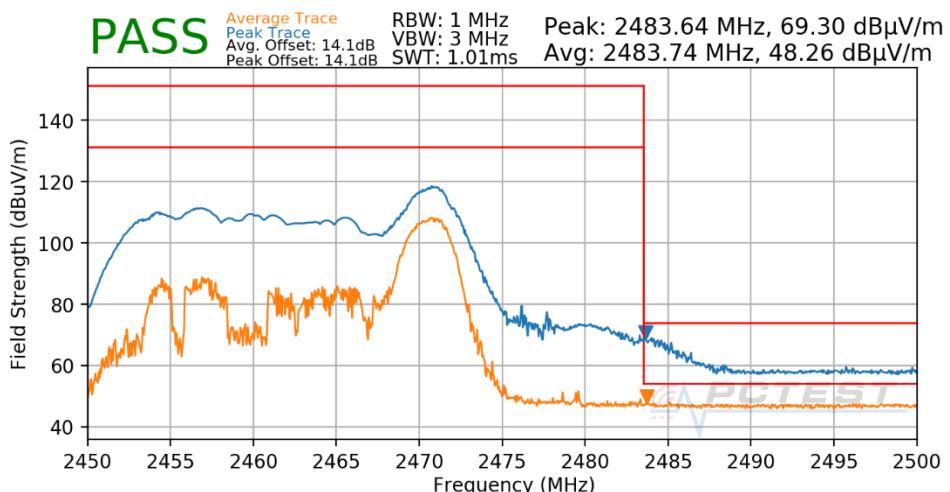
Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 8  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2457MHz  
 Channel: 10



**Plot 7-213. Radiated Restricted Upper Band Edge Measurement CDD (Peak & Average – RU26)**

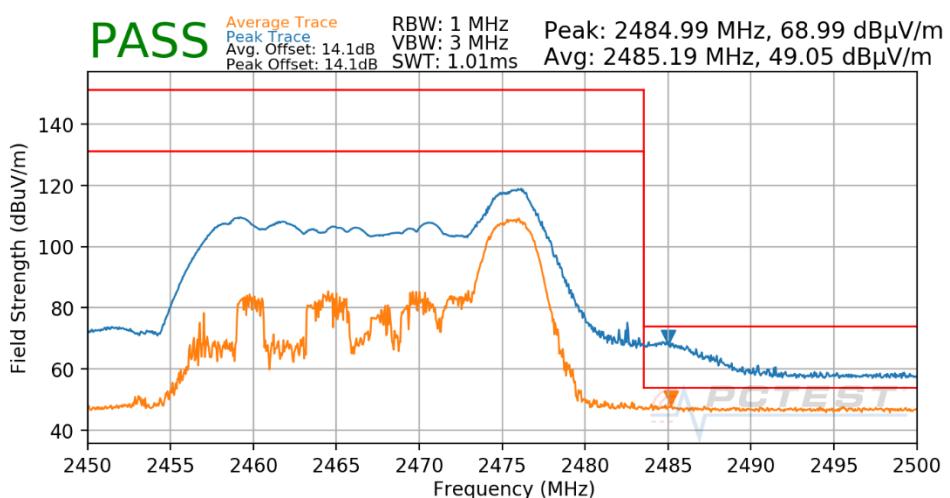
FCC ID: BCGA2324	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-07.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 150 of 169	

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 8  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2462MHz  
 Channel: 11



**Plot 7-214. Radiated Restricted Upper Band Edge Measurement CDD (Peak & Average – RU26)**

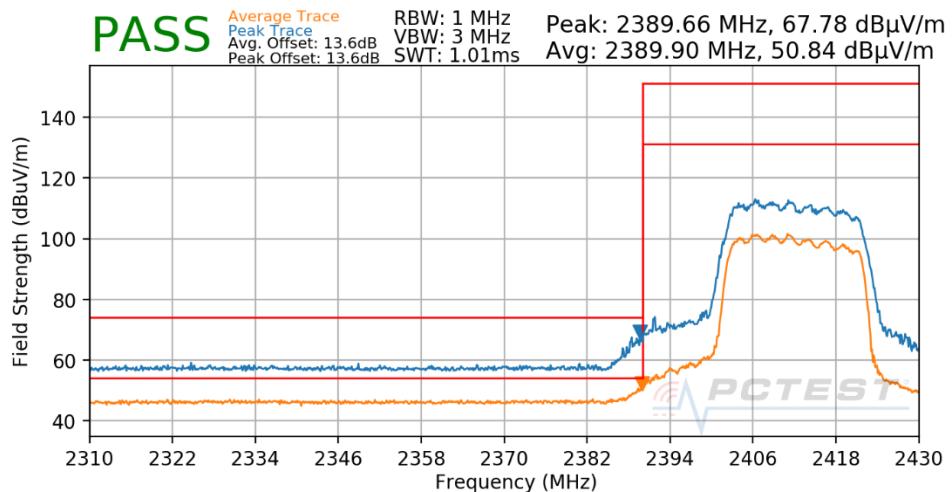
Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 8  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2467MHz  
 Channel: 12



**Plot 7-215. Radiated Restricted Upper Band Edge Measurement CDD (Peak & Average – RU26)**

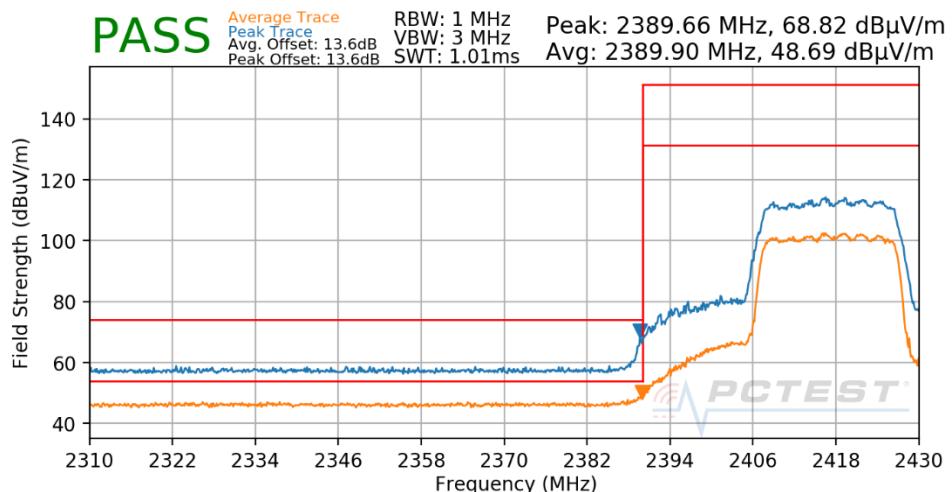
FCC ID: BCGA2324	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-07.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device		Page 151 of 169

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2412MHz  
 Channel: 1



**Plot 7-216. Radiated Restricted Lower Band Edge Measurement CDD (Peak & Average – RU242)**

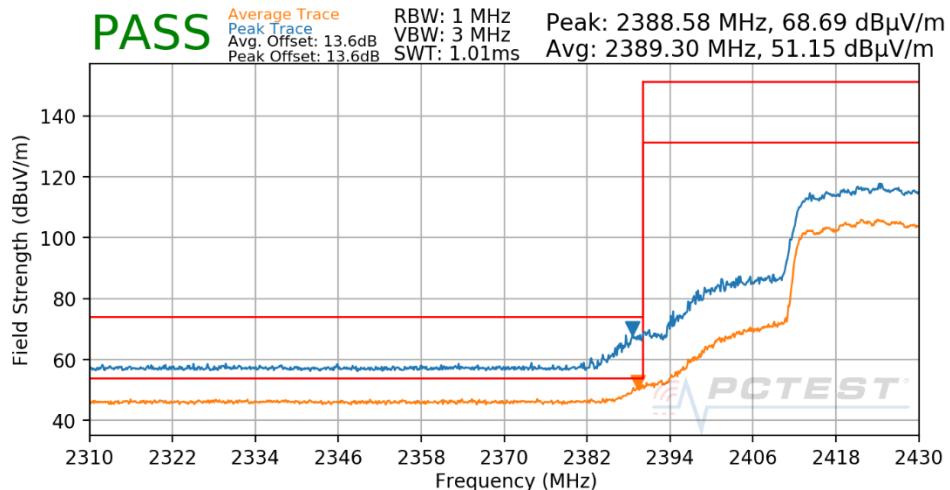
Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2417MHz  
 Channel: 2



**Plot 7-217. Radiated Restricted Lower Band Edge Measurement CDD (Peak & Average – RU242)**

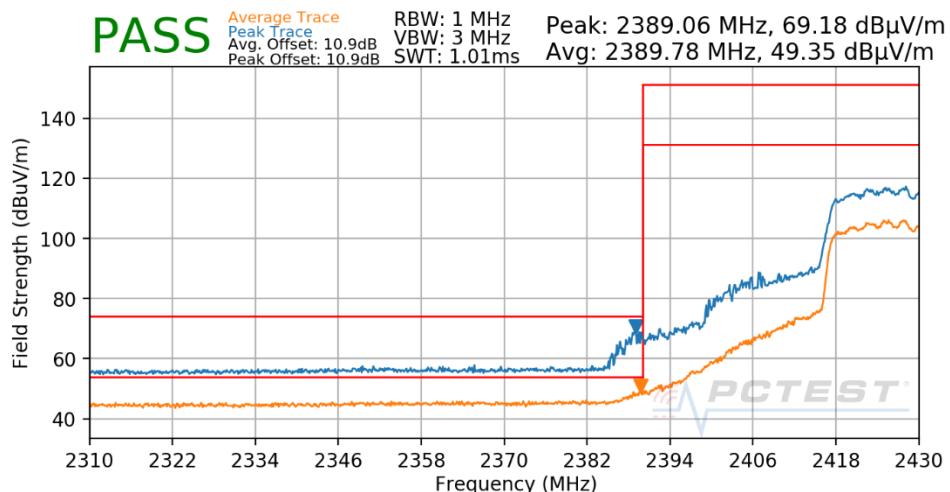
FCC ID: BCGA2324	<b>PCTEST®</b> Proud to be part of 			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-07.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device			

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2422MHz  
 Channel: 3



**Plot 7-218. Radiated Restricted Lower Band Edge Measurement CDD (Peak & Average – RU242)**

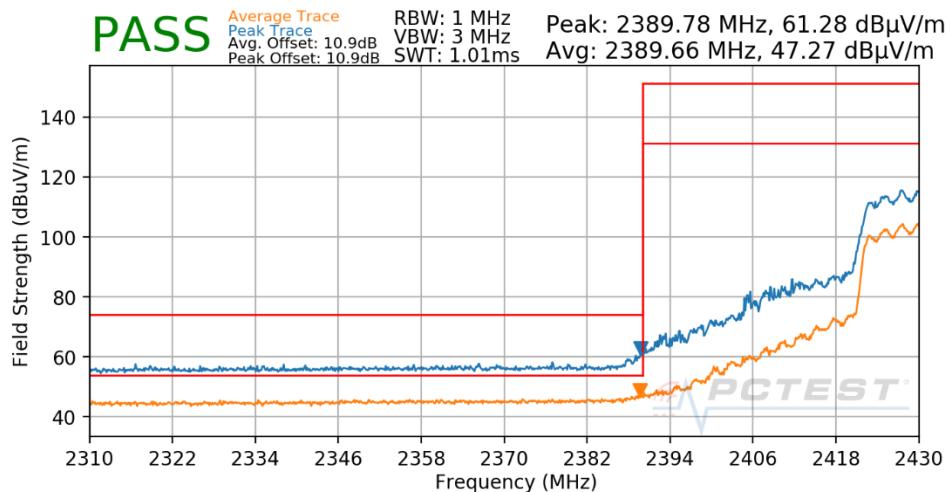
Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2427MHz  
 Channel: 4



**Plot 7-219. Radiated Restricted Lower Band Edge Measurement CDD (Peak & Average – RU242)**

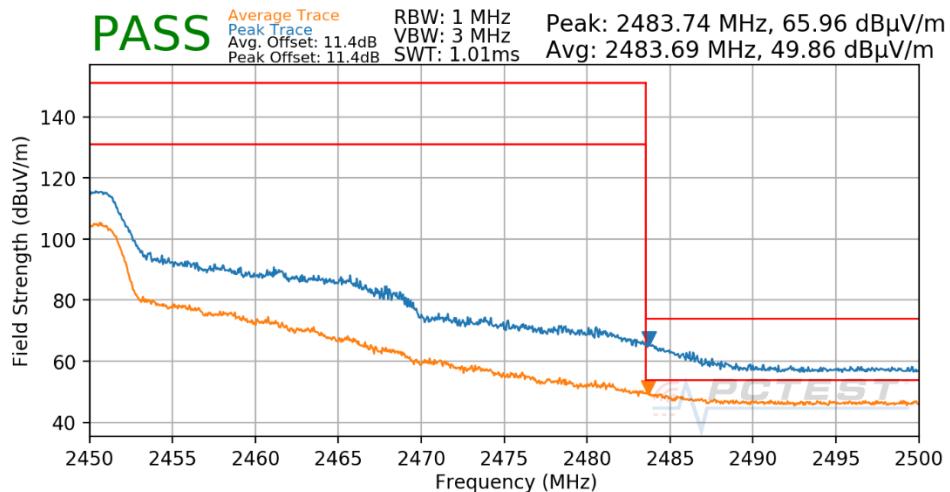
FCC ID: BCGA2324	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-07.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 153 of 169	

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2432MHz  
 Channel: 5



**Plot 7-220. Radiated Restricted Lower Band Edge Measurement CDD (Peak & Average – RU242)**

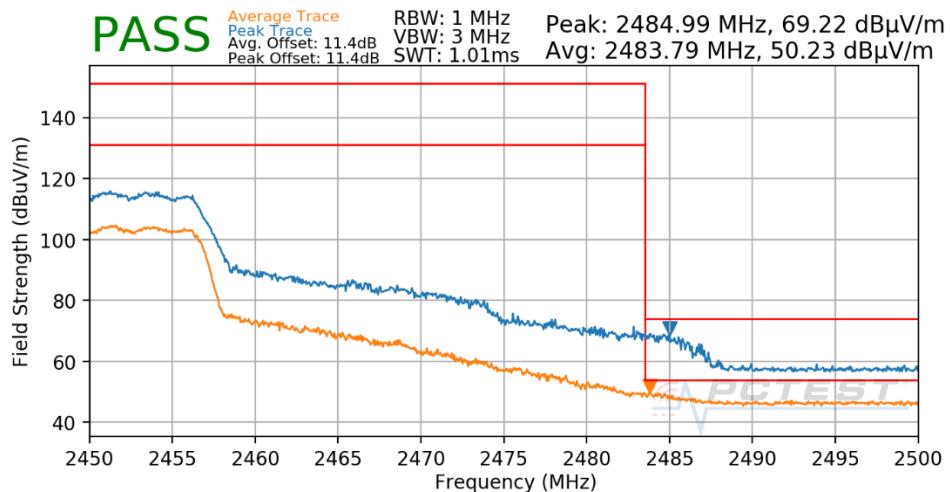
Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2442MHz  
 Channel: 7



**Plot 7-221. Radiated Restricted Upper Band Edge Measurement CDD (Peak & Average – RU242)**

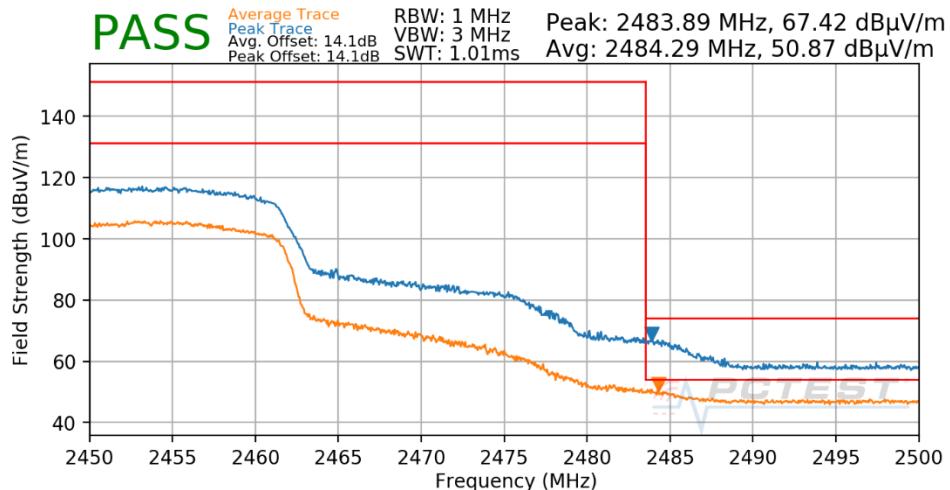
FCC ID: BCGA2324	<b>PCTEST</b> Proud to be part of 			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-07.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device			

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2447MHz  
 Channel: 8



**Plot 7-222. Radiated Restricted Upper Band Edge Measurement CDD (Peak & Average – RU242)**

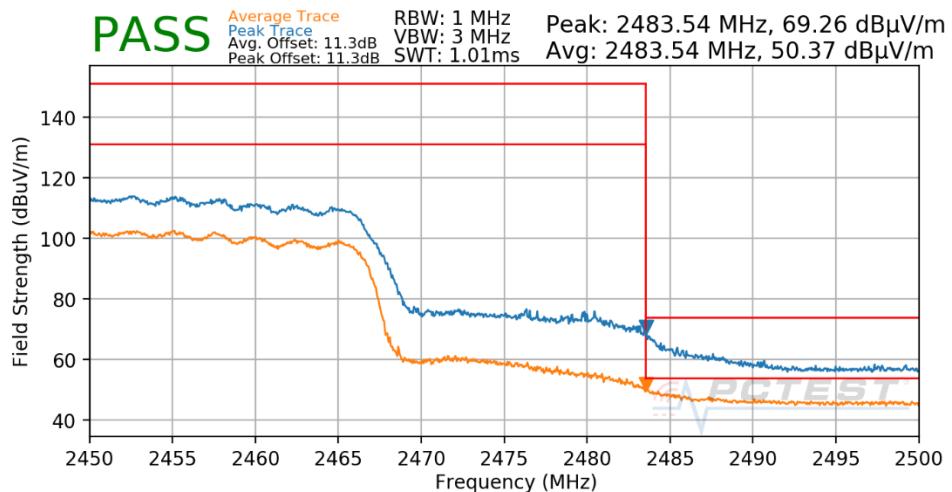
Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2452MHz  
 Channel: 9



**Plot 7-223. Radiated Restricted Upper Band Edge Measurement CDD (Peak & Average – RU242)**

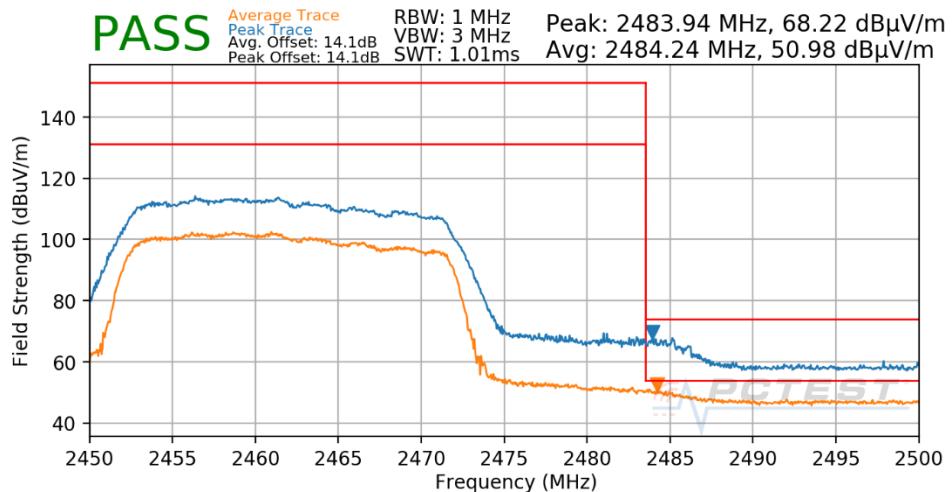
FCC ID: BCGA2324	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-07.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 155 of 169	

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2457MHz  
 Channel: 10



**Plot 7-224. Radiated Restricted Upper Band Edge Measurement CDD (Peak & Average – RU242)**

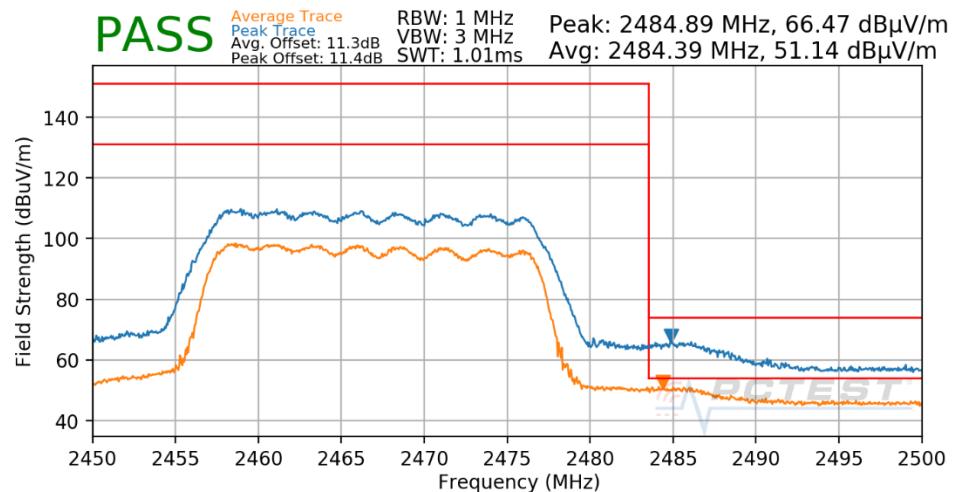
Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2462MHz  
 Channel: 11



**Plot 7-225. Radiated Restricted Upper Band Edge Measurement CDD (Peak & Average – RU242)**

FCC ID: BCGA2324	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-07.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 156 of 169	

Worst Case Mode: 802.11ax OFDMA  
 Worst Case Transfer Rate: MCS9  
 RU Index: 61  
 Distance of Measurements: 3 Meters  
 Operating Frequency: 2467MHz  
 Channel: 12



Plot 7-226. Radiated Restricted Upper Band Edge Measurement CDD (Peak & Average – RU242)

FCC ID: BCGA2324	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-07.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 157 of 169	

## 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 7-38 per Section 15.209 and RSS-Gen (8.9).***

Frequency	Field Strength [ $\mu$ 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 7-38. 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

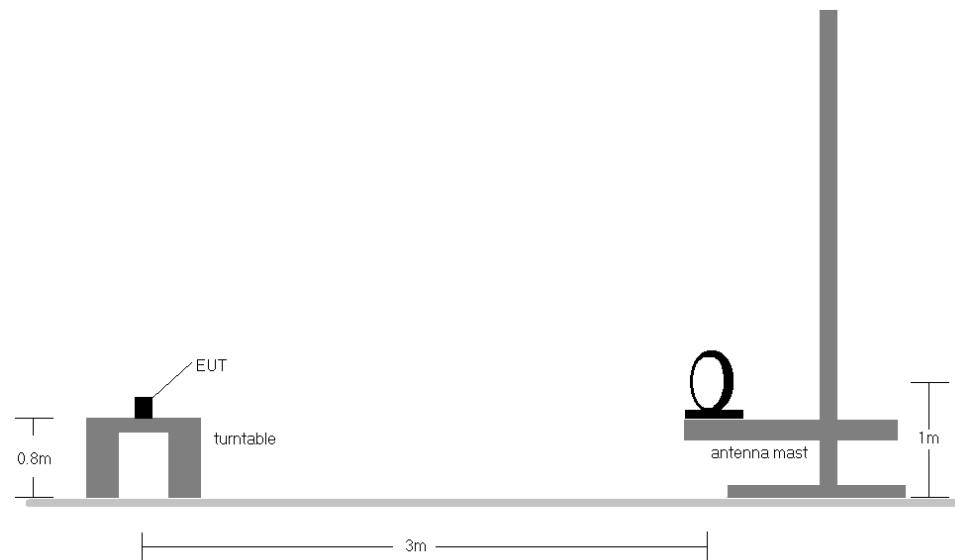
#### Peak Field Strength Measurements

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

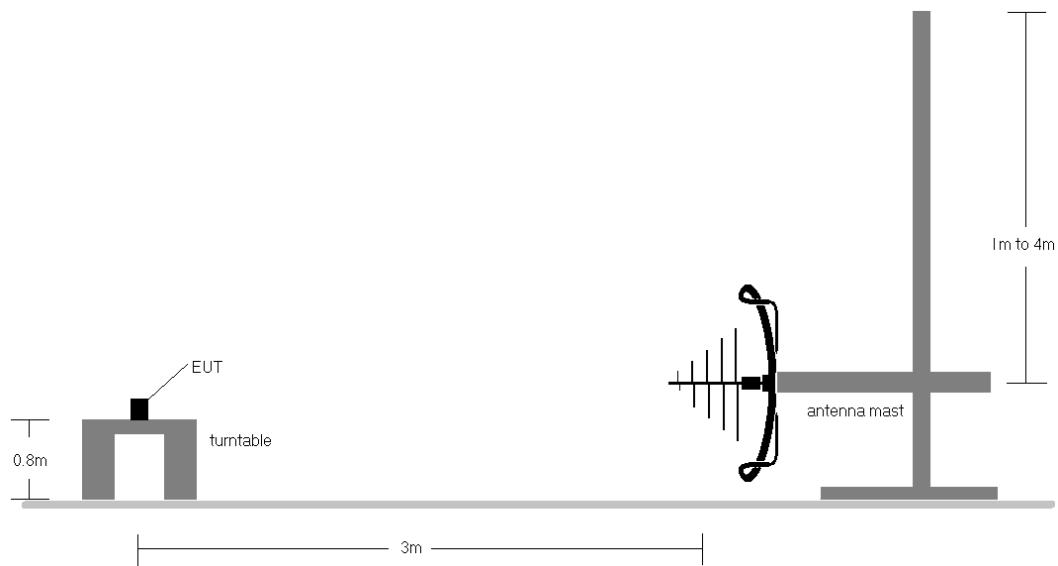
FCC ID: BCGA2324	 <b>PCTEST®</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-07.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device		Page 158 of 169

## 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**

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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 7-38.
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. 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
8. No spurious emissions were detected within 20dB of the limit below 30MHz.
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. All antenna configurations and data rates were investigated and only the worst case are reported.
12. For radiated measurements, emissions were investigated for the fully-loaded RU configuration and for all the partially-loaded RU configurations. Among all of the available partially-loaded RU configurations, only the configuration with the worst case emissions is reported.

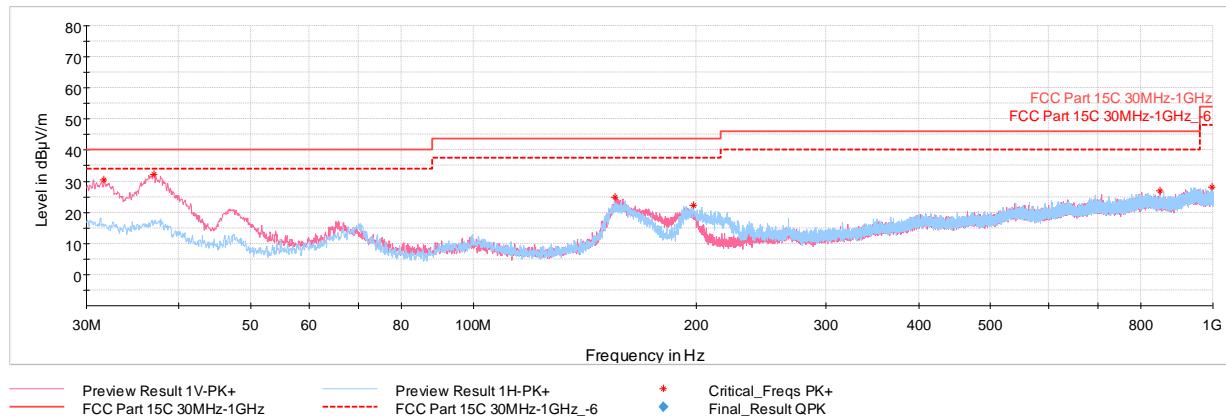
## Sample Calculations

### Determining Spurious Emissions Levels

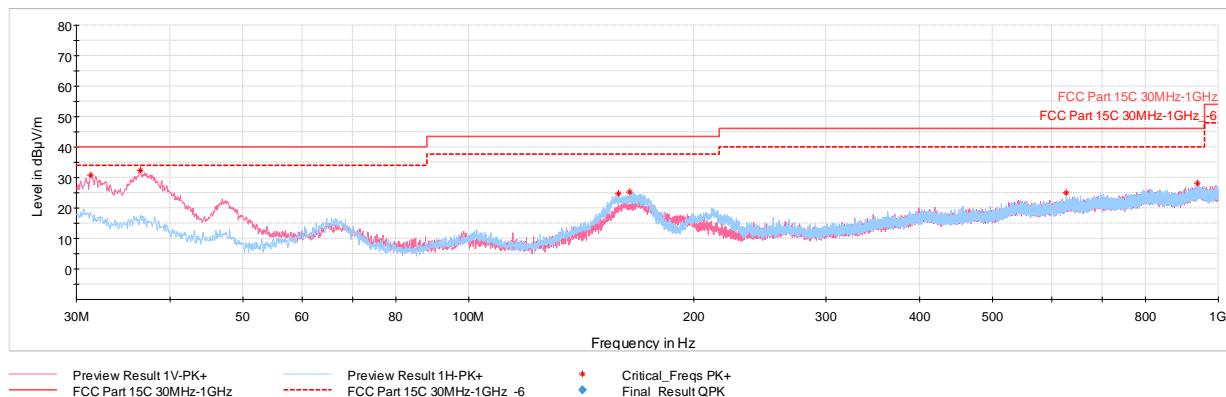
- Field Strength Level  $[\text{dB}_{\mu\text{V/m}}]$  = Analyzer Level  $[\text{dBm}] + 107 + \text{AFCL} [\text{dB/m}]$
- AFCL  $[\text{dB/m}]$  = Antenna Factor  $[\text{dB/m}] + \text{Cable Loss} [\text{dB}] - \text{Preamplifier Gain} [\text{dB}]$
- Margin  $[\text{dB}]$  = Field Strength Level 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

FCC ID: BCGA2324	 <b>PCTEST<sup>®</sup></b> Proud to be part of element		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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## CDD Radiated Spurious Emissions Measurements (Below 1GHz) §15.209; RSS-Gen [8.9]



**Plot 7-227. Radiated Spurious Emissions below 1GHz CDD Ch.6 (RU26), with AC/DC Adapter**



**Plot 7-228. Radiated Spurious Emissions below 1GHz CDD Ch.6 (RU242), with AC/DC Adapter**

FCC ID: BCGA2324	<b>PCTEST</b> Proud to be part of 		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turtable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
31.70	Max Peak	V	100	271	-63.40	-13.20	30.40	40.00	-9.60
36.98	Max Peak	V	100	6	-58.69	-16.33	31.98	40.00	-8.02
155.47	Max Peak	V	250	116	-65.04	-16.63	25.33	43.52	-18.19
198.59	Max Peak	H	100	101	-67.76	-16.63	22.61	43.52	-20.91
847.95	Max Peak	V	100	209	-78.95	-0.96	27.09	46.02	-18.93
996.02	Max Peak	H	250	6	-79.82	0.60	27.78	53.98	-26.20

Table 7-39. Radiated Spurious Emissions below 1GHz CDD Ch.6 (RU26), with AC/DC Adapter

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turtable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]
31.36	Max Peak	V	100	15	-63.19	-12.95	30.86	40.00	-9.14
36.50	Max Peak	V	100	304	-58.51	-16.08	32.41	40.00	-7.59
158.38	Max Peak	H	100	141	-65.34	-16.54	25.12	43.52	-18.40
164.20	Max Peak	H	100	141	-64.68	-17.43	24.89	43.52	-18.63
626.21	Max Peak	H	100	247	-79.11	-3.43	24.46	46.02	-21.56
937.39	Max Peak	V	250	127	-79.73	0.89	28.16	46.02	-17.86

Table 7-40. Radiated Spurious Emissions below 1GHz CDD Ch.6 (RU242), 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 (dB $\mu$ V)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

**Table 7-41. Conducted Limits**

\*Decreases with the logarithm of the frequency.

### Test Procedures Used

ANSI C63.10-2013, Section 6.2

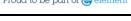
### Test Settings

#### 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

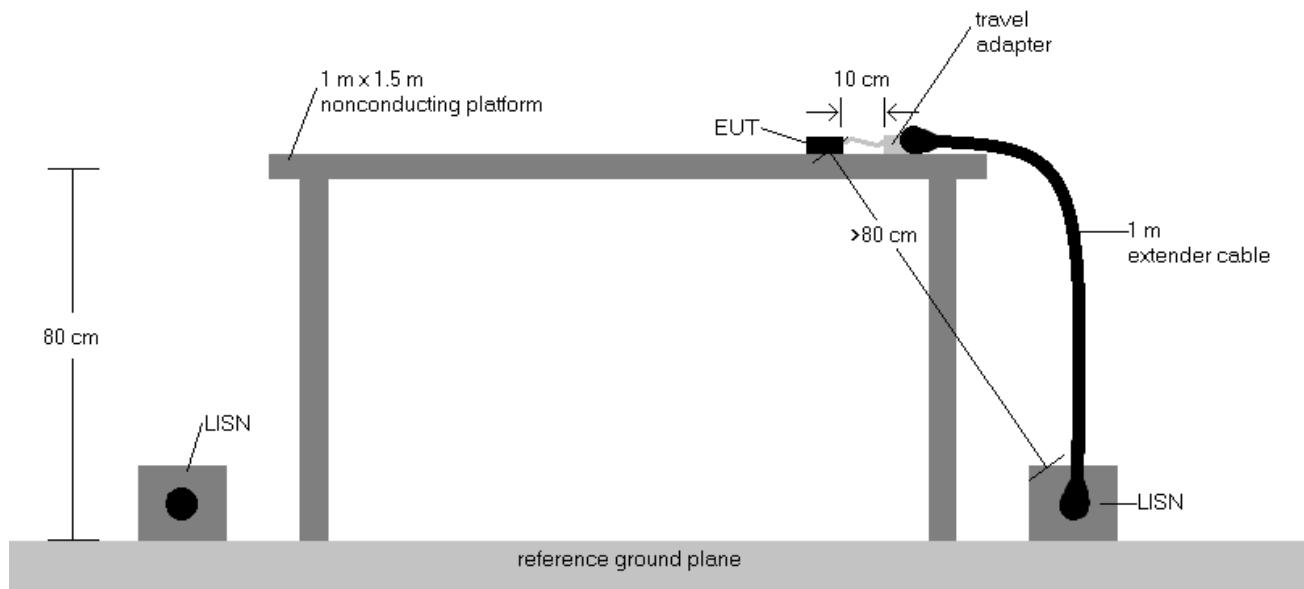
#### Average Measurements

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.

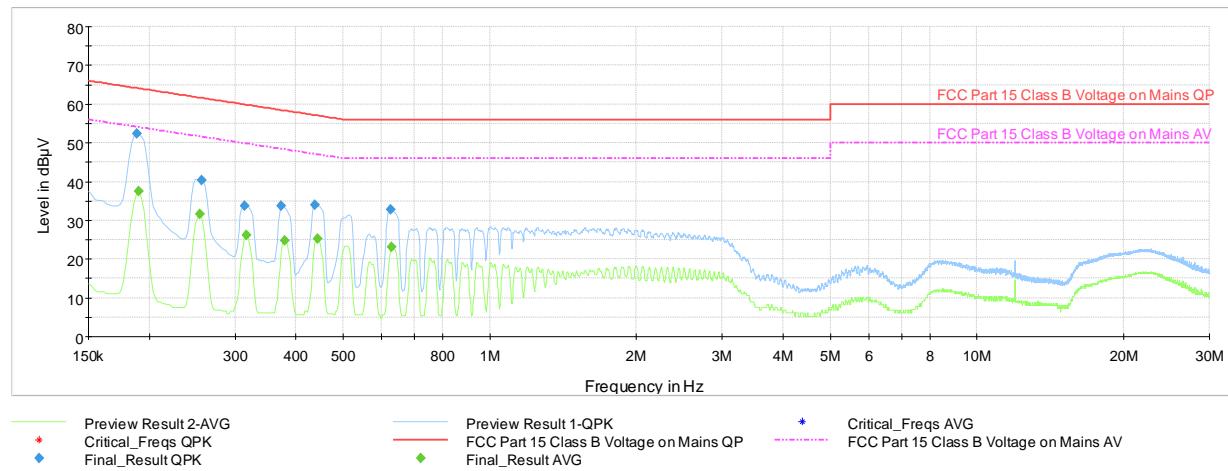


**Figure 7-9. Test Instrument & Measurement Setup**

## 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. Corr. (dB) = Cable loss (dB) + LISN insertion factor (dB)
5. QP/AV Level (dB $\mu$ V) = QP/AV Analyzer/Receiver Level (dB $\mu$ V) + Corr. (dB)
6. Margin (dB) = QP/AV Level (dB $\mu$ V) - QP/AV Limit (dB $\mu$ V)
7. Traces shown in plot are made using quasi peak and average detectors.
8. Deviations to the Specifications: None.
9. All RU's were investigated and only worst case partially-loaded and fully-loaded RU's are reported.

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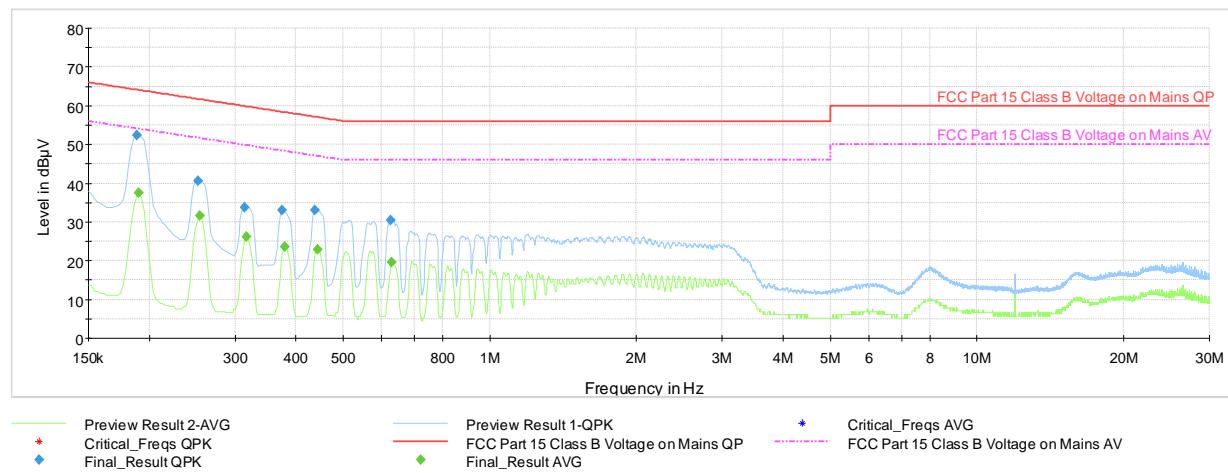


**Plot 7-229. AC Line Conducted Emissions with 802.11ax (RU26) Ch.6 (L1, with Laptop)**

Frequency [MHz]	Process State	QuasiPeak [dB $\mu$ V]	Average [dB $\mu$ V]	Limit [dB $\mu$ V]	Margin [dB]	Line	PE
0.188	FINAL	52.4	—	64.11	-11.77	L1	GND
0.191	FINAL	—	37.50	54.02	-16.52	L1	GND
0.254	FINAL	—	31.61	51.64	-20.03	L1	GND
0.256	FINAL	40.4	—	61.57	-21.13	L1	GND
0.314	FINAL	33.7	—	59.86	-26.20	L1	GND
0.317	FINAL	—	26.20	49.80	-23.60	L1	GND
0.373	FINAL	33.8	—	58.44	-24.69	L1	GND
0.380	FINAL	—	24.68	48.29	-23.61	L1	GND
0.438	FINAL	34.0	—	57.10	-23.12	L1	GND
0.443	FINAL	—	25.17	47.02	-21.85	L1	GND
0.625	FINAL	32.8	—	56.00	-23.17	L1	GND
0.627	FINAL	—	23.01	46.00	-22.99	L1	GND

**Table 7-42. AC Line Conducted Data with 802.11ax (RU26) Ch.6 (L1, with Laptop)**

FCC ID: BCGA2324	<b>PCTEST</b> Proud to be part of 			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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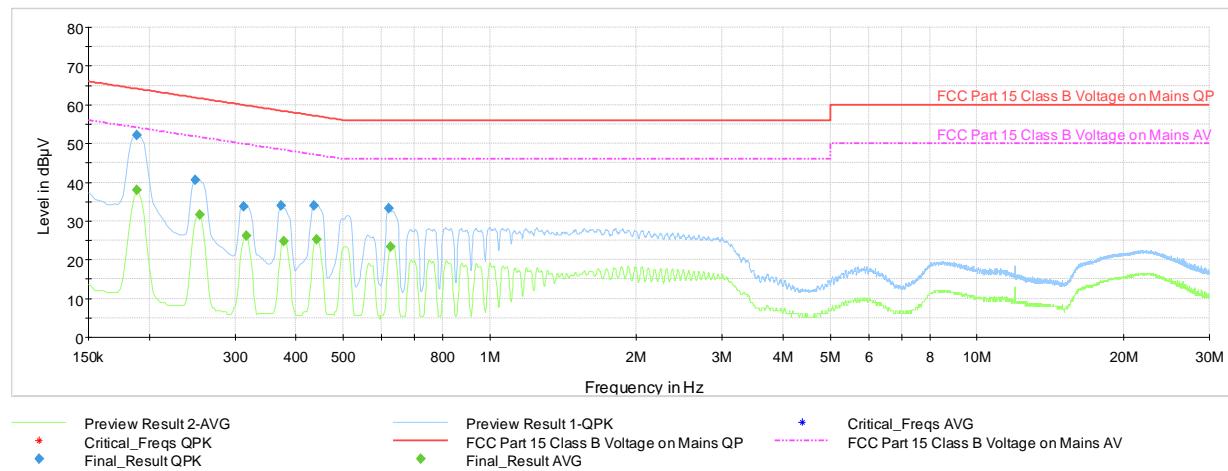


**Plot 7-230. AC Line Conducted Emissions with 802.11ax (RU26) Ch.6 (N, with Laptop)**

Frequency [MHz]	Process State	QuasiPeak [dB $\mu$ V]	Average [dB $\mu$ V]	Limit [dB $\mu$ V]	Margin [dB]	Line	PE
0.188	FINAL	52.4	—	64.11	-11.72	N	GND
0.191	FINAL	—	37.58	54.02	-16.44	N	GND
0.251	FINAL	40.7	—	61.72	-21.06	N	GND
0.254	FINAL	—	31.67	51.64	-19.97	N	GND
0.314	FINAL	33.9	—	59.86	-26.00	N	GND
0.317	FINAL	—	26.29	49.80	-23.51	N	GND
0.375	FINAL	33.1	—	58.39	-25.29	N	GND
0.380	FINAL	—	23.53	48.29	-24.76	N	GND
0.438	FINAL	33.0	—	57.10	-24.15	N	GND
0.443	FINAL	—	22.97	47.02	-24.04	N	GND
0.625	FINAL	30.4	—	56.00	-25.62	N	GND
0.629	FINAL	—	19.61	46.00	-26.39	N	GND

**Table 7-43. AC Line Conducted Data with 802.11ax (RU26) Ch.6 (N, with Laptop)**

FCC ID: BCGA2324	<b>PCTEST®</b> Proud to be part of 			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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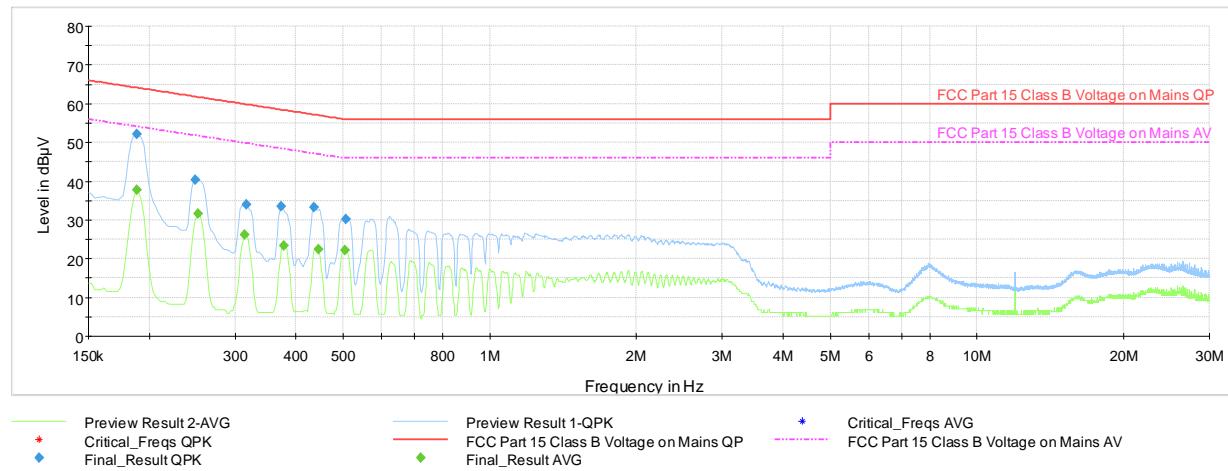


**Plot 7-231. AC Line Conducted Emissions with 802.11ax (RU242) Ch.6 (L1, with Laptop)**

Frequency [MHz]	Process State	QuasiPeak [dBμV]	Average [dBμV]	Limit [dBμV]	Margin [dB]	Line	PE
0.188	FINAL	52.2	—	64.11	-11.88	L1	GND
0.188	FINAL	—	37.90	54.11	-16.22	L1	GND
0.249	FINAL	40.5	—	61.79	-21.25	L1	GND
0.254	FINAL	—	31.66	51.64	-19.98	L1	GND
0.312	FINAL	33.8	—	59.92	-26.17	L1	GND
0.317	FINAL	—	26.20	49.80	-23.60	L1	GND
0.373	FINAL	34.0	—	58.44	-24.45	L1	GND
0.377	FINAL	—	24.77	48.34	-23.57	L1	GND
0.436	FINAL	34.0	—	57.14	-23.18	L1	GND
0.440	FINAL	—	25.16	47.06	-21.90	L1	GND
0.620	FINAL	33.2	—	56.00	-22.78	L1	GND
0.625	FINAL	—	23.25	46.00	-22.75	L1	GND

**Table 7-44. AC Line Conducted Data with 802.11ax (RU242) Ch.6 (L1, with Laptop)**

FCC ID: BCGA2324	<b>PCTEST®</b> Proud to be part of 			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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**Plot 7-232. AC Line Conducted Emissions with 802.11ax (RU242) Ch.6 (N, with Laptop)**

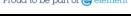
Frequency [MHz]	Process State	QuasiPeak [dB $\mu$ V]	Average [dB $\mu$ V]	Limit [dB $\mu$ V]	Margin [dB]	Line	PE
0.188	FINAL	52.3	—	64.11	-11.86	N	GND
0.188	FINAL	—	37.72	54.11	-16.39	N	GND
0.249	FINAL	40.5	—	61.79	-21.32	N	GND
0.251	FINAL	—	31.58	51.72	-20.13	N	GND
0.314	FINAL	—	26.20	49.86	-23.65	N	GND
0.317	FINAL	33.9	—	59.80	-25.93	N	GND
0.373	FINAL	33.5	—	58.44	-24.99	N	GND
0.377	FINAL	—	23.41	48.34	-24.93	N	GND
0.436	FINAL	33.4	—	57.14	-23.79	N	GND
0.445	FINAL	—	22.36	46.97	-24.62	N	GND
0.503	FINAL	—	22.20	46.00	-23.80	N	GND
0.506	FINAL	30.3	—	56.00	-25.71	N	GND

**Table 7-45. AC Line Conducted Data with 802.11ax (RU242) Ch.6 (N, with Laptop)**

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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: BCGA2324** 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: BCGA2324	 <b>PCTEST</b> <sup>®</sup> Proud to be part of 		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Quality Manager
<b>Test Report S/N:</b> 1C2004270029-07.BCG	<b>Test Dates:</b> 07/16/2020 - 09/09/2020	<b>EUT Type:</b> Tablet Device		Page 169 of 169