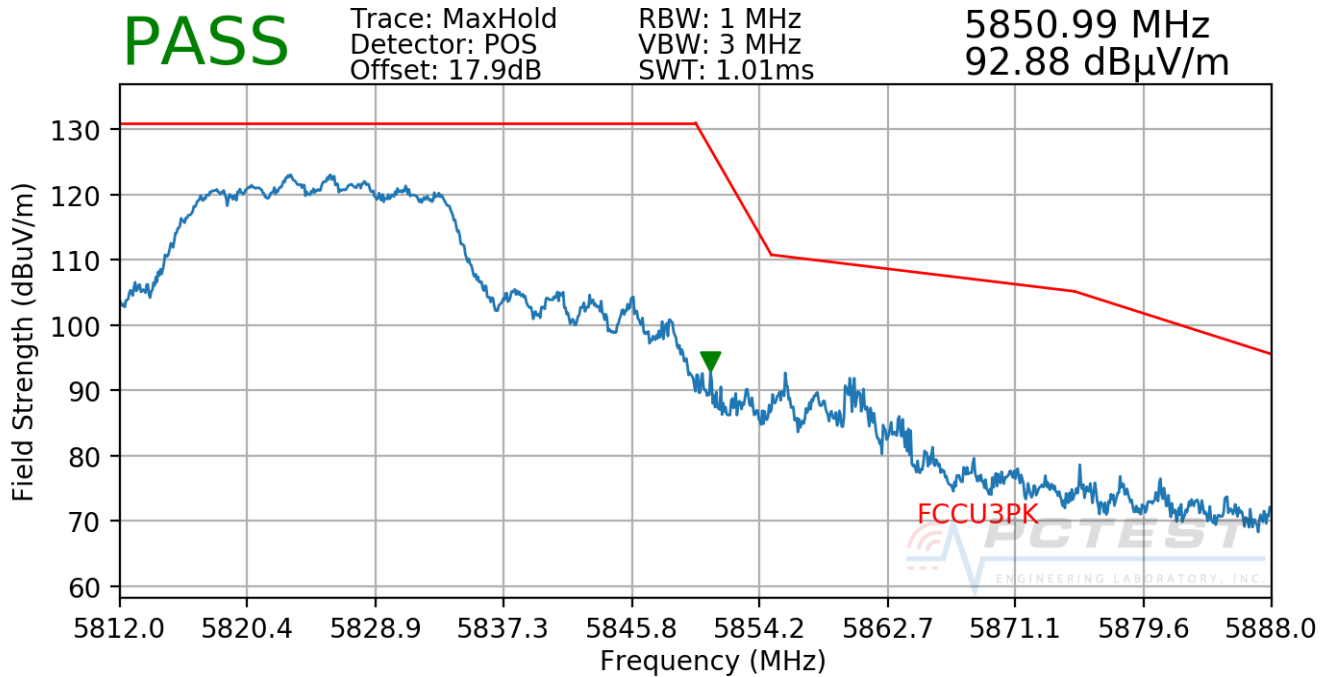


Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5825MHz  
Channel: 165



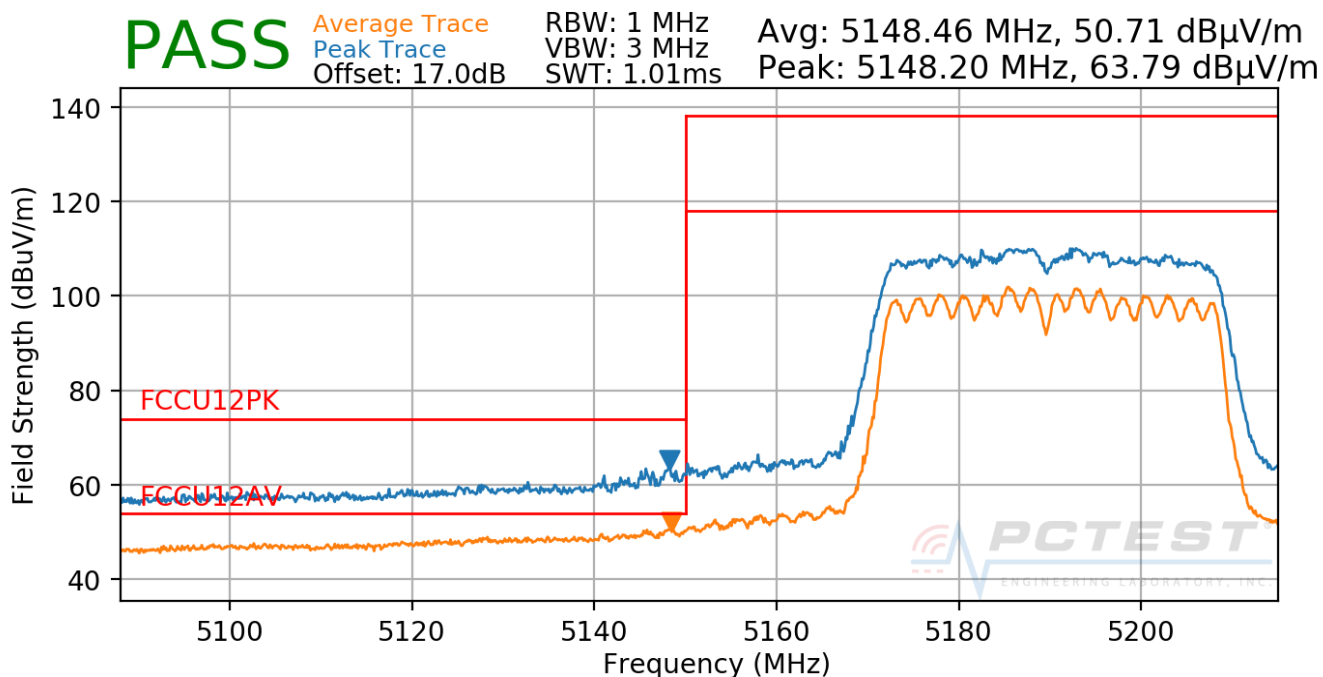
**Plot 7-325. Radiated Upper Band Edge Plot (Peak – UNII Band 3)**

FCC ID: BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1710060006-06.BCG	Test Dates: 10/31-2/15/2018	EUT Type: Tablet Device	Page 235 of 259

## 6.7.11 MIMO Radiated Band Edge Measurements (40MHz BW)

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

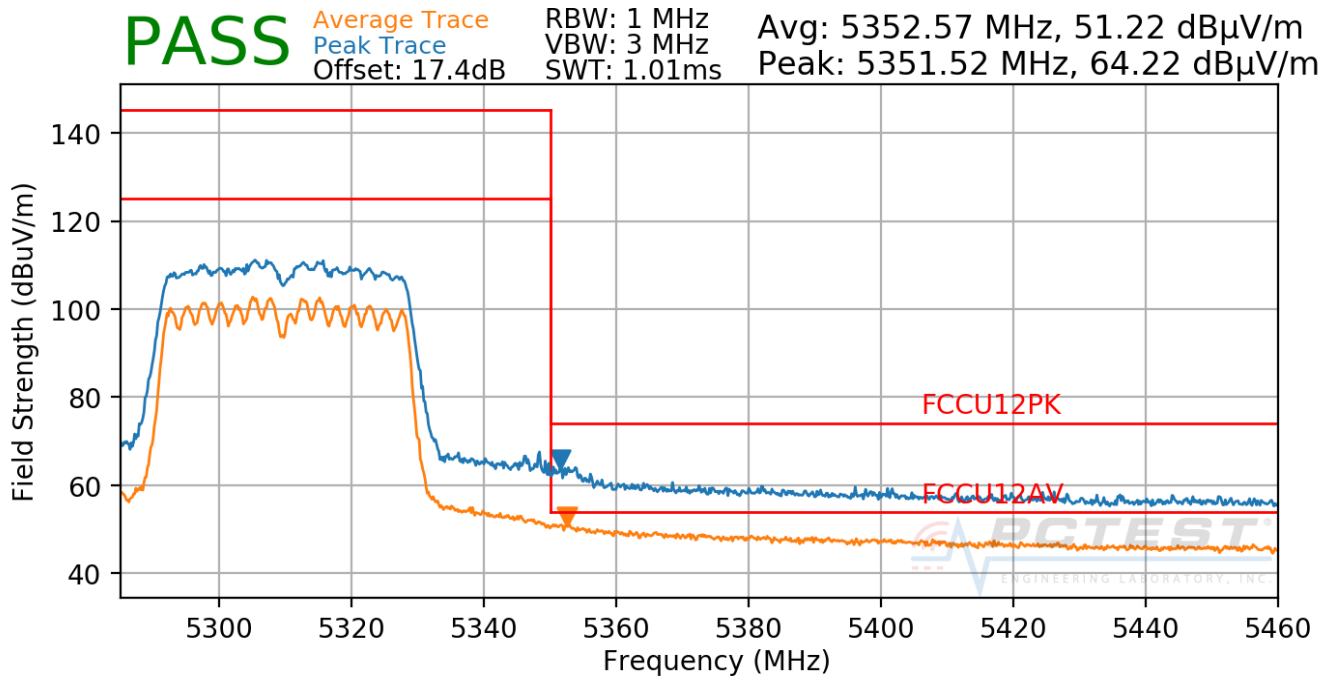
Worst Case Mode:	802.11n
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5190MHz
Channel:	38



Plot 7-326. Radiated Lower Band Edge Plot MIMO (Average & Peak – UNII Band 1)

FCC ID: BCGA1954	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1710060006-06.BCG	Test Dates: 10/31-2/15/2018	EUT Type: Tablet Device	Page 236 of 259

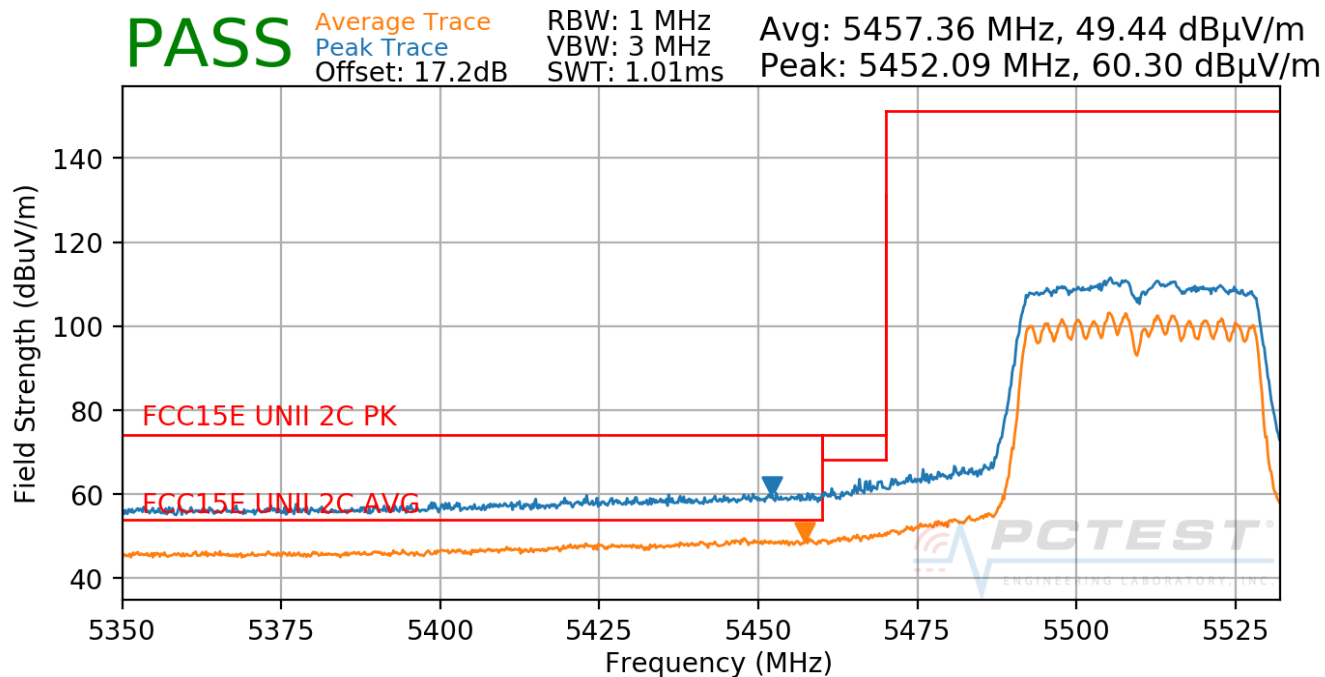
Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5310MHz  
Channel: 62



**Plot 7-327. Radiated Upper Band Edge Plot MIMO (Average & Peak – UNII Band 2A)**

FCC ID: BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1710060006-06.BCG	Test Dates: 10/31-2/15/2018	EUT Type: Tablet Device	Page 237 of 259

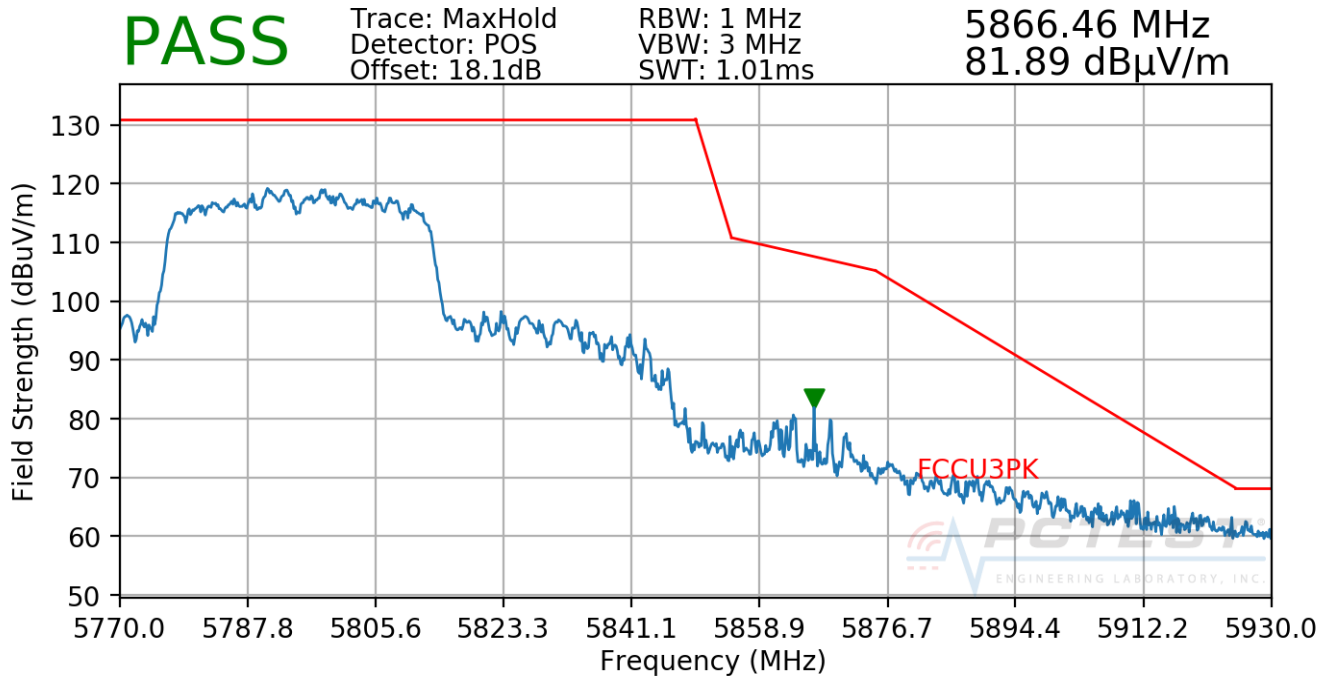
Worst Case Mode: 802.11n  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5510MHz  
Channel: 102



**Plot 7-328. Radiated Lower Band Edge Plot MIMO (Average & Peak – UNII Band 2C)**

FCC ID: BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1710060006-06.BCG	Test Dates: 10/31-2/15/2018	EUT Type: Tablet Device	Page 238 of 259

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



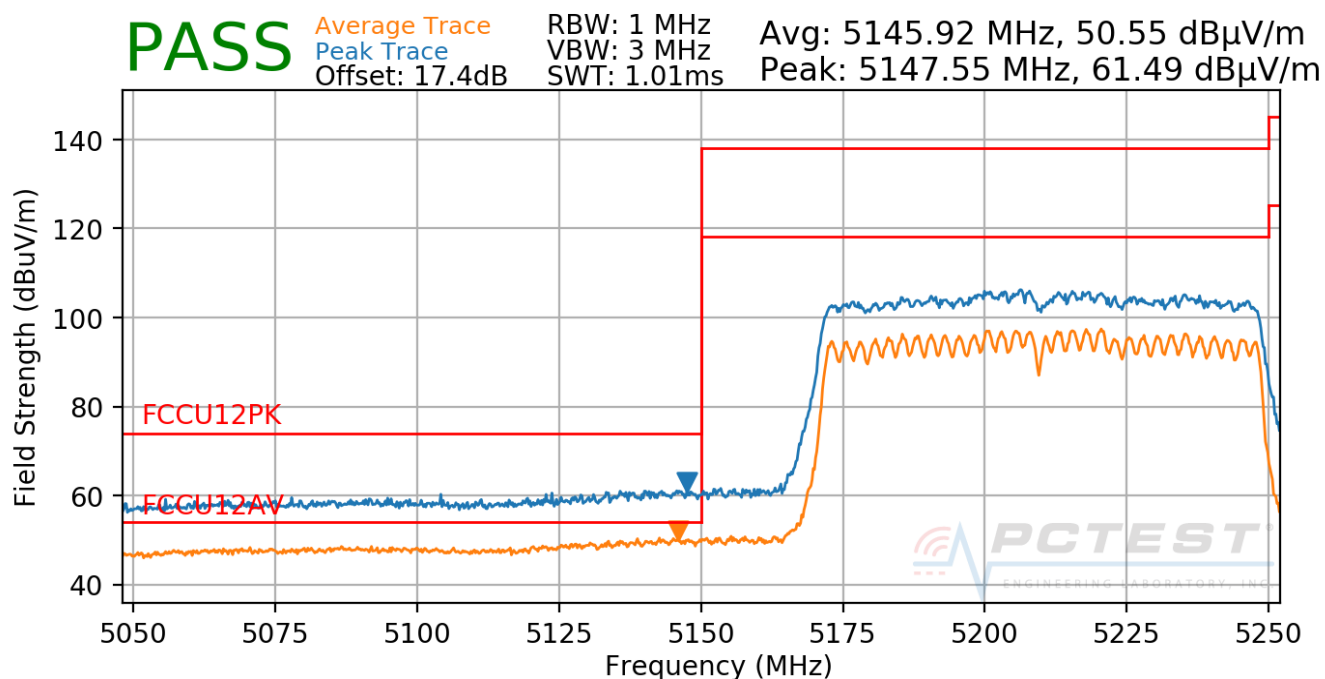
**Plot 7-329. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 3)**

FCC ID: BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1710060006-06.BCG	Test Dates: 10/31-2/15/2018	EUT Type: Tablet Device	Page 239 of 259

## 6.7.12 MIMO Radiated Band Edge Measurements (80MHz BW)

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

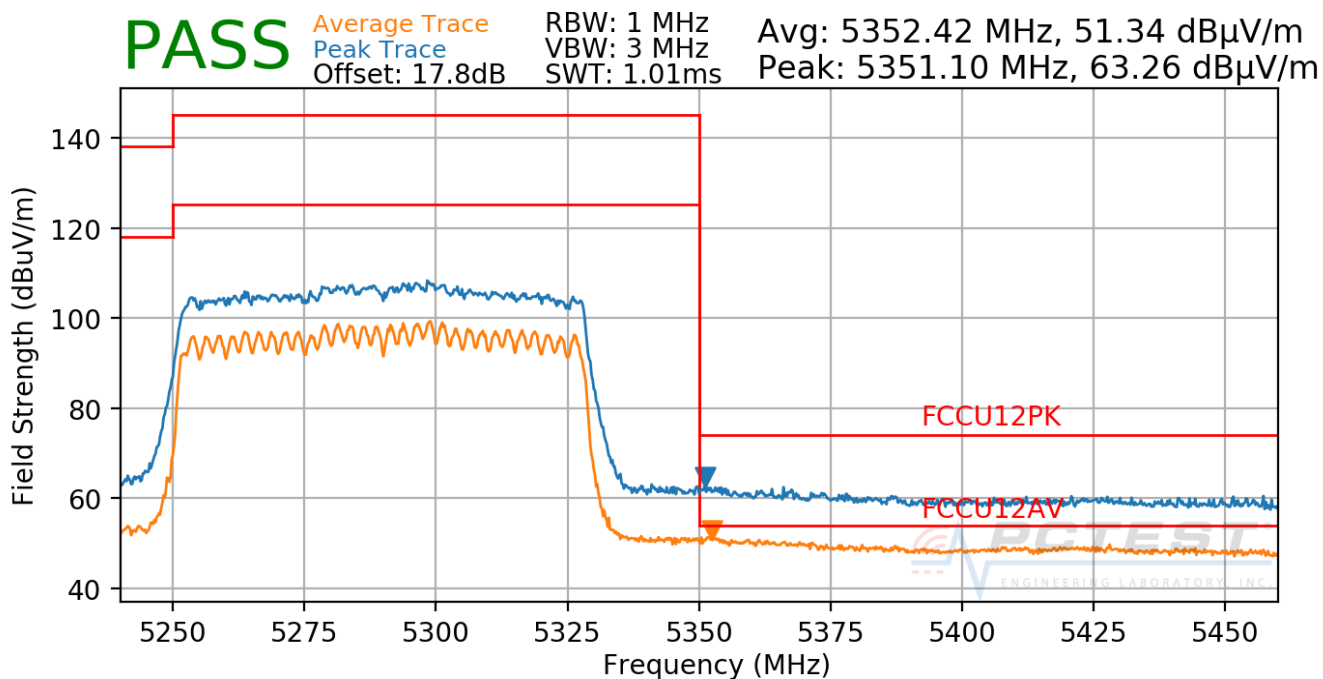
Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5210MHz
Channel:	42



Plot 7-330. Radiated Lower Band Edge Plot MIMO (Average & Peak – UNII Band 1)

FCC ID: BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1710060006-06.BCG	Test Dates: 10/31-2/15/2018	EUT Type: Tablet Device	Page 240 of 259

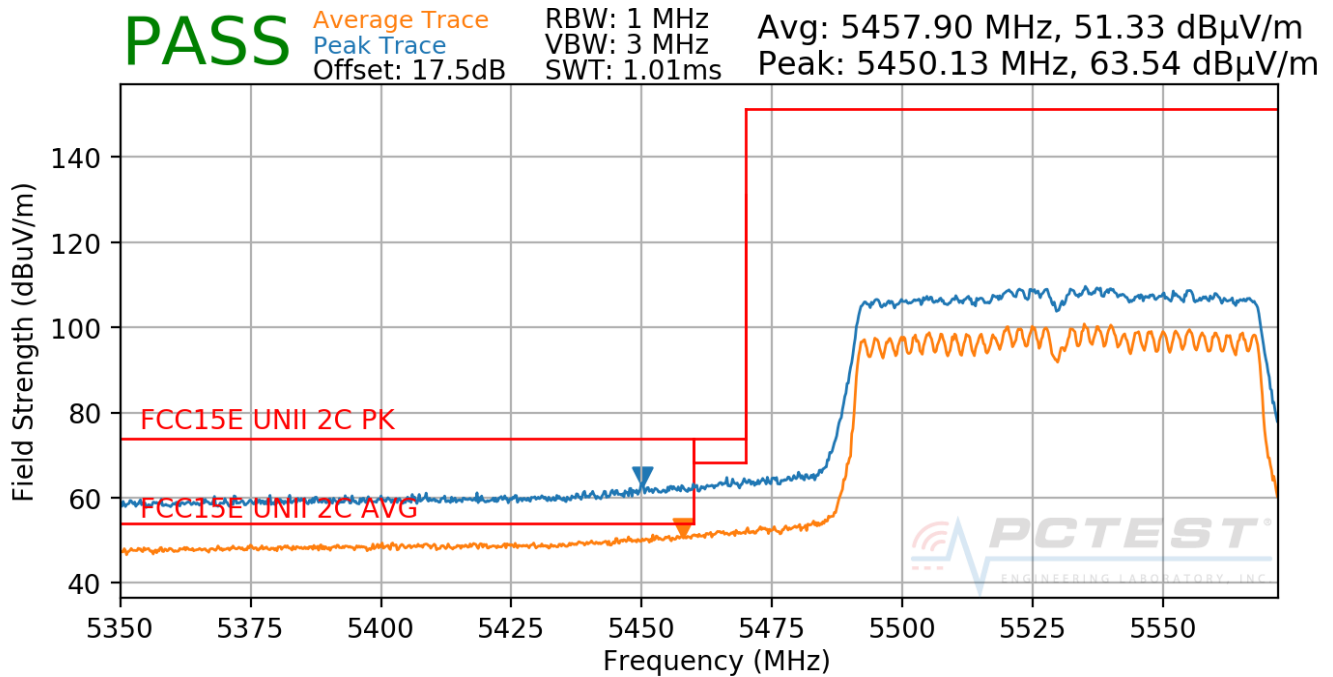
Worst Case Mode: 802.11ac  
Worst Case Transfer Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 5290MHz  
Channel: 58



**Plot 7-331. Radiated Upper Band Edge Plot MIMO (Average & Peak – UNII Band 2A)**

FCC ID: BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1710060006-06.BCG	Test Dates: 10/31-2/15/2018	EUT Type: Tablet Device	Page 241 of 259

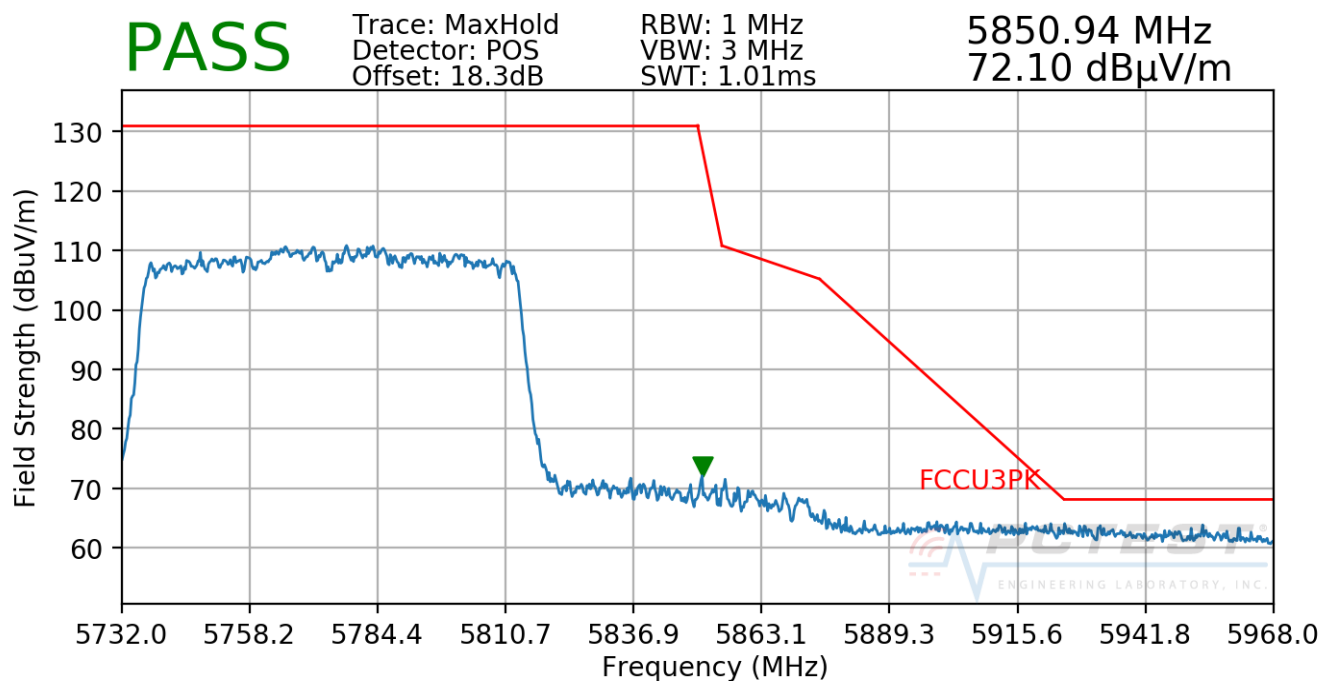
Worst Case Mode:	802.11ac
Worst Case Transfer Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5530MHz
Channel:	106



**Plot 7-332. Radiated Lower Band Edge Plot MIMO (Average & Peak – UNII Band 2C)**

FCC ID: BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1710060006-06.BCG	Test Dates: 10/31-2/15/2018	EUT Type: Tablet Device	Page 242 of 259

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



**Plot 7-333. Radiated Lower Band Edge Plot MIMO (Average & Peak) – UNII Band 3)**

FCC ID: BCGA1954	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1710060006-06.BCG	Test Dates: 10/31-2/15/2018	EUT Type: Tablet Device	Page 243 of 259

## 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 [ $\mu\text{V/m}$ ]	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

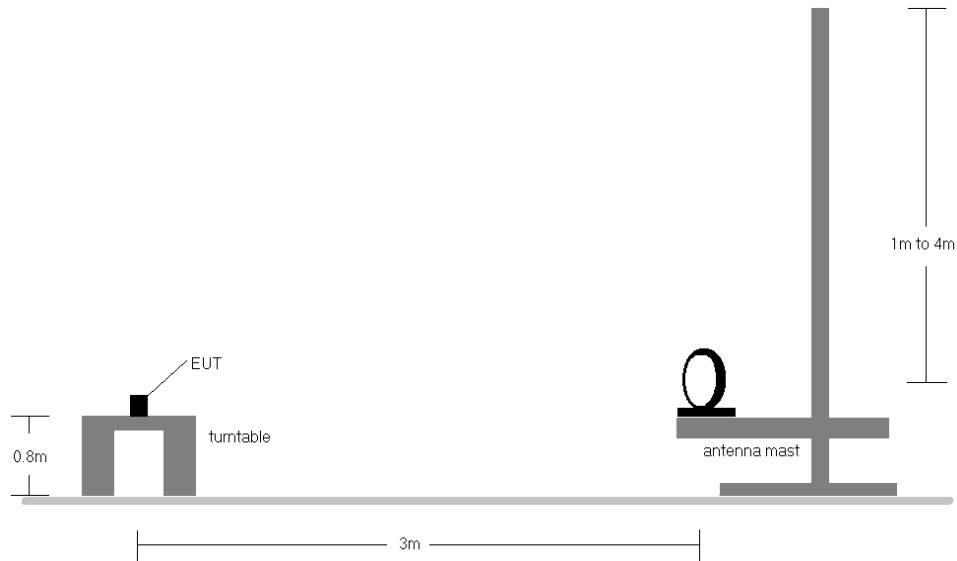
#### Quasi-Peak Field Strength Measurements

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

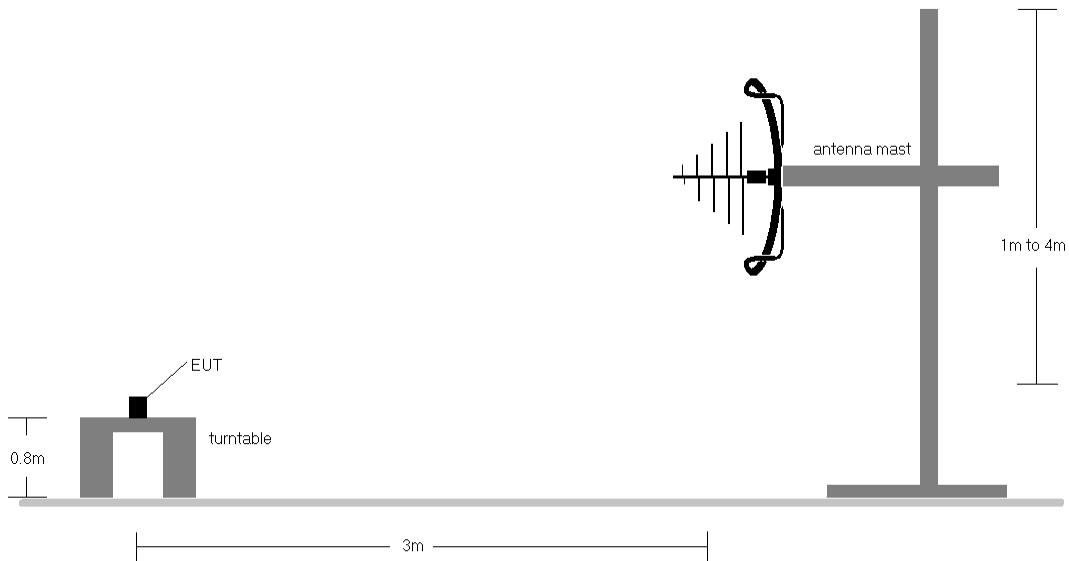
FCC ID: BCGA1954	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1710060006-06.BCG	Test Dates: 10/31-2/15/2018	EUT Type: Tablet Device	Page 244 of 259

## 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**

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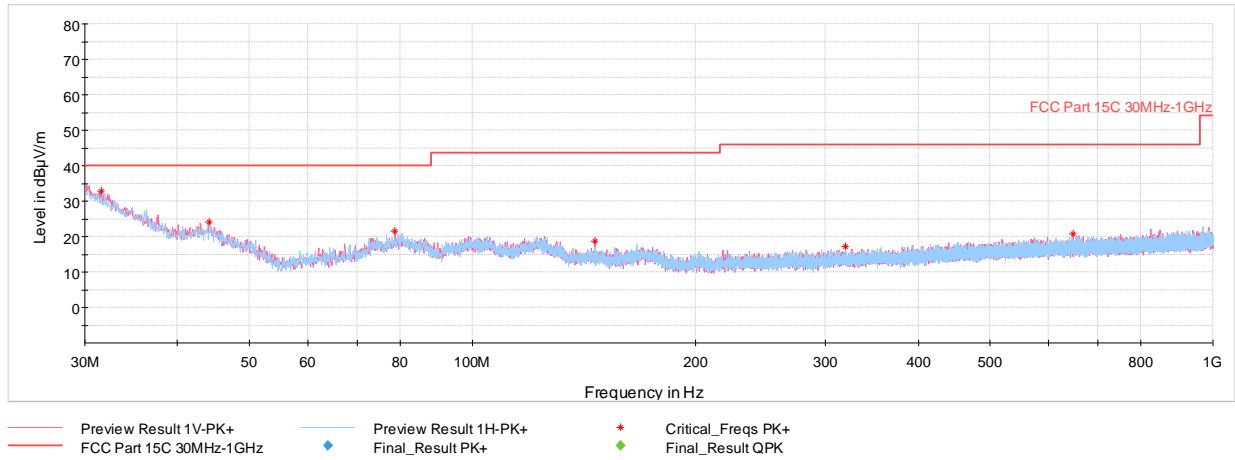
## Test Notes

1. All emissions lying in restricted bands specified in §15.205 and RSS-Gen (8.10) are below the limit shown in Table 7-62.
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.

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<b>Test Report S/N:</b> 1C1710060006-06.BCG	<b>Test Dates:</b> 10/31-2/15/2018	<b>EUT Type:</b> Tablet Device	Page 246 of 259

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

§15.209; RSS-Gen [8.9]



**Plot 7-334. Radiated Spurious Plot below 1GHz SISO ANT1 (802.11a – U3 Ch. 157)**

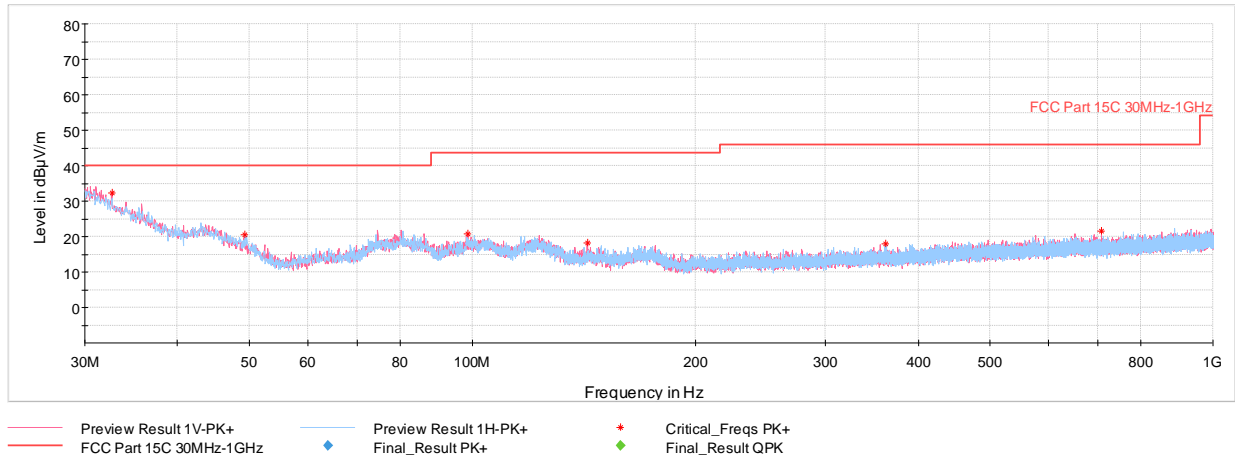
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
31.60	Quasi-Peak	V	-	-	-57.66	-16.39	32.95	40.00	-7.05
44.21	Quasi-Peak	V	-	-	-59.23	-23.63	24.14	40.00	-15.86
78.69	Quasi-Peak	V	-	-	-60.53	-24.98	21.49	40.00	-18.51
146.50	Quasi-Peak	V	-	-	-62.39	-25.85	18.76	43.52	-24.76
318.77	Quasi-Peak	V	-	-	-67.27	-22.55	17.18	46.02	-28.84
646.92	Quasi-Peak	V	-	-	-69.70	-16.57	20.73	46.02	-25.29

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

FCC ID: BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
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## SISO Antenna-2 Radiated Spurious Emissions Measurements (Below 1GHz)

§15.209; RSS-Gen [8.9]



**Plot 7-335. Radiated Spurious Plot below 1GHz SISO ANT2 (802.11a – U3 Ch. 157)**

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]
32.67	Quasi-Peak	V	-	-	-57.62	-16.99	32.39	40.00	-7.61
49.35	Quasi-Peak	H	-	-	-59.30	-27.30	20.40	40.00	-19.60
98.63	Quasi-Peak	V	-	-	-61.80	-24.53	20.67	43.52	-22.85
143.01	Quasi-Peak	V	-	-	-62.99	-25.69	18.32	43.52	-25.21
362.08	Quasi-Peak	H	-	-	-67.53	-21.57	17.90	46.02	-28.12
706.48	Quasi-Peak	V	-	-	-69.62	-15.90	21.48	46.02	-24.54

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

FCC ID: BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
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## 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 (dBμV)	
	Quasi-peak	Average
0.15 – 0.5	66 to 56*	56 to 46*
0.5 – 5	56	46
5 – 30	60	50

**Table 7-65. 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

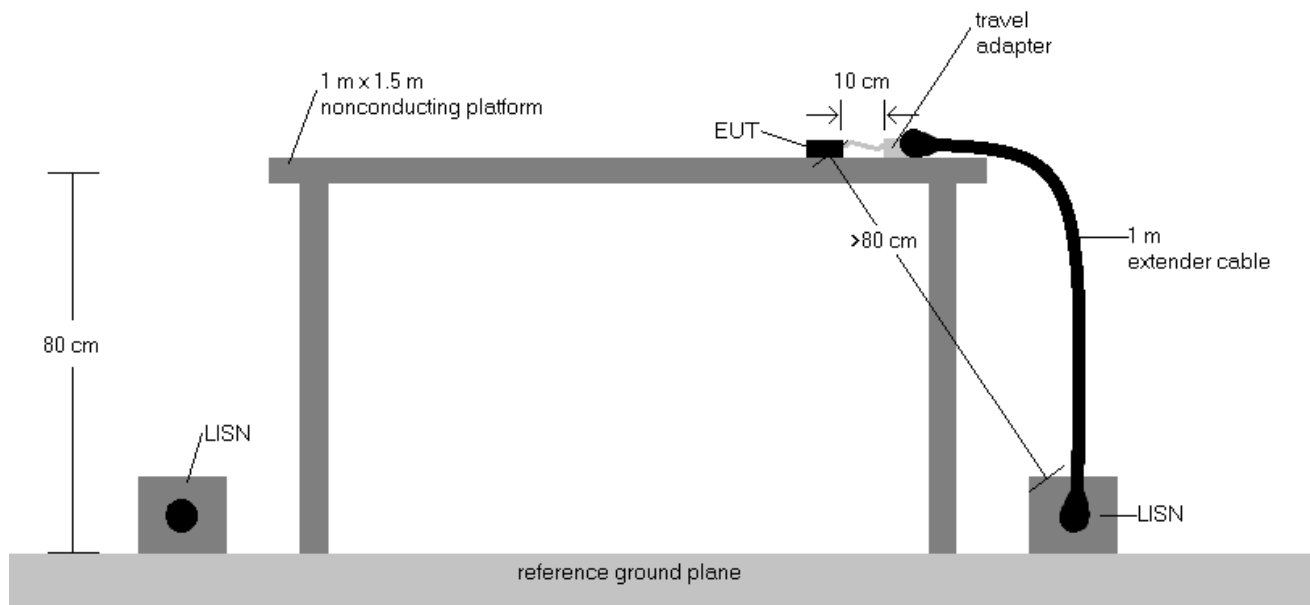
#### Average Field Strength Measurements

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: BCGA1954	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
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## Test Setup

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

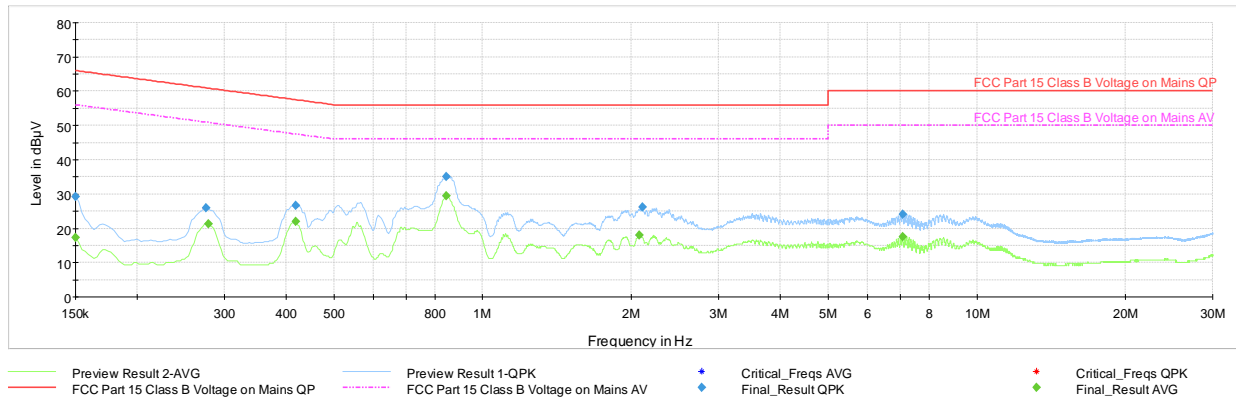


**Figure 7-8. Test Instrument & Measurement Setup**

## 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.  $\text{Corr. (dB)} = \text{Cable loss (dB)} + \text{LISN insertion factor (dB)}$
4.  $\text{QP/AV Level (dB}\mu\text{V)} = \text{QP/AV Analyzer/Receiver Level (dB}\mu\text{V)} + \text{Corr. (dB)}$
5.  $\text{Margin (dB)} = \text{QP/AV Limit (dB}\mu\text{V)} - \text{QP/AV Level (dB}\mu\text{V)}$
6. Traces shown in plot are made using a peak detector.
7. Deviations to the Specifications: None.

FCC ID: BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
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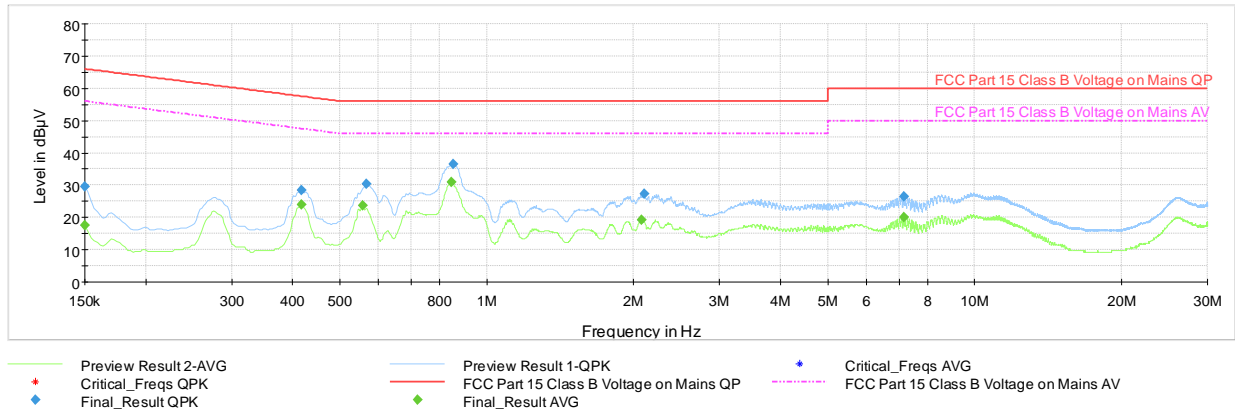


**Plot 7-336. Line Conducted Plot with 802.11n UNII Band 1 (L1) SISO ANT1**

Frequency MHz	Process State	QuasiPeak dBμV	Average dBμV	Limit dBμV	Margin dB	Meas. Time ms	Bandwidth kHz	Line	PE
0.150000	FINAL	29.32	—	66.00	36.68	10000.0	9.000	L1	GND
0.150000	FINAL	—	17.28	56.00	38.72	10000.0	9.000	L1	GND
0.276000	FINAL	25.96	—	60.94	34.97	10000.0	9.000	L1	GND
0.278250	FINAL	—	21.28	50.87	29.59	10000.0	9.000	L1	GND
0.417750	FINAL	—	22.01	47.49	25.48	10000.0	9.000	L1	GND
0.417750	FINAL	26.78	—	57.49	30.72	10000.0	9.000	L1	GND
0.843000	FINAL	—	29.56	46.00	16.44	10000.0	9.000	L1	GND
0.843000	FINAL	35.05	—	56.00	20.95	10000.0	9.000	L1	GND
2.076000	FINAL	—	17.98	46.00	28.02	10000.0	9.000	L1	GND
2.105250	FINAL	26.11	—	56.00	29.89	10000.0	9.000	L1	GND
7.068750	FINAL	—	17.44	50.00	32.56	10000.0	9.000	L1	GND
7.071000	FINAL	24.14	—	60.00	35.86	10000.0	9.000	L1	GND

**Plot 7-337. Line Conducted Table with 802.11n UNII Band 1 (L1) SISO ANT1**

<b>FCC ID:</b> BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Quality Manager
<b>Test Report S/N:</b> 1C1710060006-06.BCG	<b>Test Dates:</b> 10/31-2/15/2018	<b>EUT Type:</b> Tablet Device	Page 251 of 259

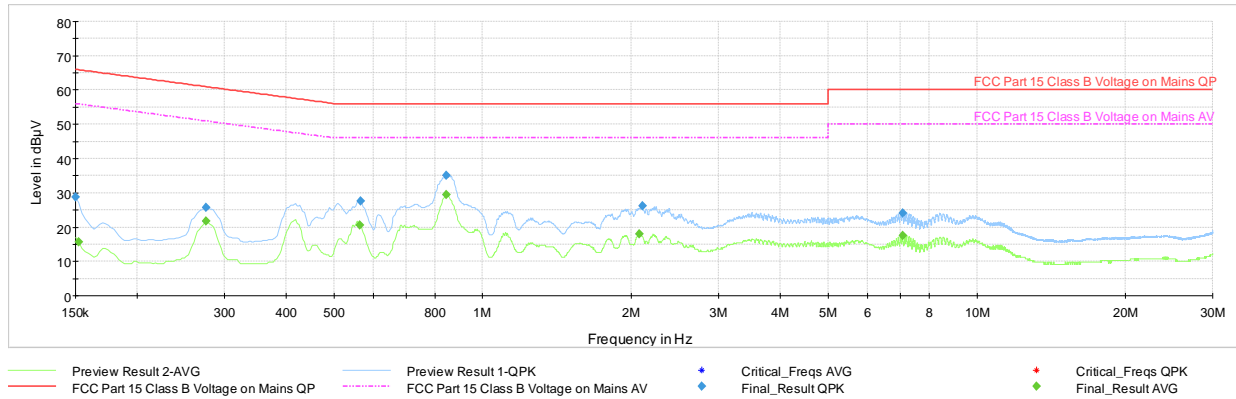


**Plot 7-338. Line Conducted Plot with 802.11n UNII Band 1 (N) SISO ANT1**

Frequency MHz	Process State	QuasiPeak dBμV	Average dBμV	Limit dBμV	Margin dB	Meas. Time ms	Bandwidth kHz	Line	PE
0.150000	FINAL	29.60	—	66.00	36.40	10000.0	9.000	N	GND
0.150000	FINAL	—	17.49	56.00	38.51	10000.0	9.000	N	GND
0.417750	FINAL	28.33	—	57.49	29.17	10000.0	9.000	N	GND
0.417750	FINAL	—	23.89	47.49	23.60	10000.0	9.000	N	GND
0.557250	FINAL	—	23.64	46.00	22.36	10000.0	9.000	N	GND
0.566250	FINAL	30.49	—	56.00	25.51	10000.0	9.000	N	GND
0.845250	FINAL	—	30.88	46.00	15.12	10000.0	9.000	N	GND
0.854250	FINAL	36.51	—	56.00	19.49	10000.0	9.000	N	GND
2.076000	FINAL	—	19.13	46.00	26.87	10000.0	9.000	N	GND
2.105250	FINAL	27.28	—	56.00	28.72	10000.0	9.000	N	GND
7.147500	FINAL	26.46	—	60.00	33.54	10000.0	9.000	N	GND
7.149750	FINAL	—	20.11	50.00	29.89	10000.0	9.000	N	GND

**Plot 7-339. Line Conducted Plot with 802.11n UNII Band 1 (N) SISO ANT1**

FCC ID: BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
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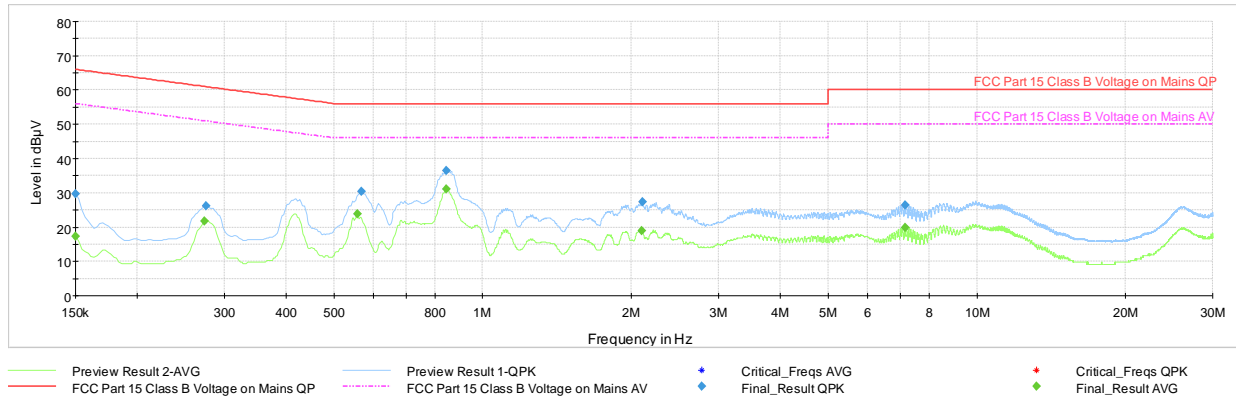


**Plot 7-340. Line Conducted Plot with 802.11n UNII Band 2A (L1) SISO ANT1**

Frequency MHz	Process State	QuasiPeak dBμV	Average dBμV	Limit dBμV	Margin dB	Meas. Time ms	Bandwidth kHz	Line	PE
0.150000	FINAL	28.71	—	66.00	37.29	10000.0	9.000	L1	GND
0.152250	FINAL	—	15.64	55.88	40.24	10000.0	9.000	L1	GND
0.276000	FINAL	25.80	—	60.94	35.14	10000.0	9.000	L1	GND
0.276000	FINAL	—	21.72	50.94	29.22	10000.0	9.000	L1	GND
0.564000	FINAL	—	20.70	46.00	25.30	10000.0	9.000	L1	GND
0.566250	FINAL	27.52	—	56.00	28.48	10000.0	9.000	L1	GND
0.843000	FINAL	—	29.56	46.00	16.44	10000.0	9.000	L1	GND
0.845250	FINAL	35.06	—	56.00	20.94	10000.0	9.000	L1	GND
2.076000	FINAL	—	17.98	46.00	28.02	10000.0	9.000	L1	GND
2.105250	FINAL	26.19	—	56.00	29.81	10000.0	9.000	L1	GND
7.066500	FINAL	24.13	—	60.00	35.87	10000.0	9.000	L1	GND
7.066500	FINAL	—	17.44	50.00	32.56	10000.0	9.000	L1	GND

**Plot 7-341. Line Conducted Table with 802.11n UNII Band 2A (L1) SISO ANT1**

FCC ID: BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
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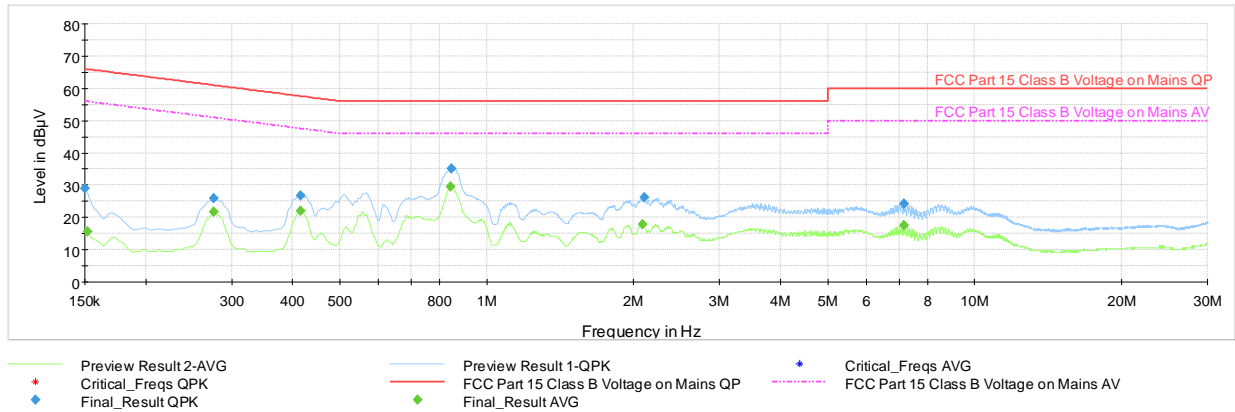


**Plot 7-342. Line Conducted Plot with 802.11n UNII Band 2A (N) SISO ANT1**

Frequency MHz	Process State	QuasiPeak dBμV	Average dBμV	Limit dBμV	Margin dB	Meas. Time ms	Bandwidth kHz	Line	PE
0.150000	FINAL	29.73	—	66.00	36.27	10000.0	9.000	N	GND
0.150000	FINAL	—	17.24	56.00	38.76	10000.0	9.000	N	GND
0.273750	FINAL	—	21.71	51.00	29.29	10000.0	9.000	N	GND
0.276000	FINAL	26.16	—	60.94	34.77	10000.0	9.000	N	GND
0.557250	FINAL	—	23.75	46.00	22.25	10000.0	9.000	N	GND
0.568500	FINAL	30.44	—	56.00	25.56	10000.0	9.000	N	GND
0.843000	FINAL	—	31.11	46.00	14.89	10000.0	9.000	N	GND
0.845250	FINAL	36.41	—	56.00	19.59	10000.0	9.000	N	GND
2.094000	FINAL	—	18.95	46.00	27.05	10000.0	9.000	N	GND
2.105250	FINAL	27.32	—	56.00	28.68	10000.0	9.000	N	GND
7.147500	FINAL	26.45	—	60.00	33.56	10000.0	9.000	N	GND
7.147500	FINAL	—	19.95	50.00	30.05	10000.0	9.000	N	GND

**Plot 7-343. Line Conducted Table with 802.11n UNII Band 2A (N) SISO ANT1**

FCC ID: BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
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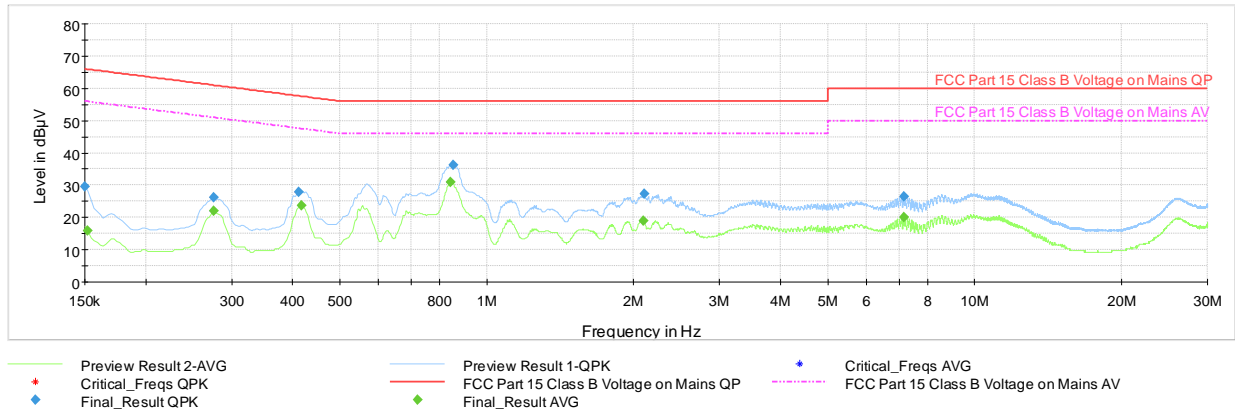


**Plot 7-344. Line Conducted Plot with 802.11n UNII Band 2C (L1) SISO ANT1**

Frequency MHz	Process State	QuasiPeak dBμV	Average dBμV	Limit dBμV	Margin dB	Meas. Time ms	Bandwidth kHz	Line	PE
0.150000	FINAL	29.09	—	66.00	36.91	10000.0	9.000	L1	GND
0.152250	FINAL	—	15.64	55.88	40.24	10000.0	9.000	L1	GND
0.276000	FINAL	25.82	—	60.94	35.11	10000.0	9.000	L1	GND
0.276000	FINAL	—	21.72	50.94	29.22	10000.0	9.000	L1	GND
0.415500	FINAL	—	22.02	47.54	25.52	10000.0	9.000	L1	GND
0.415500	FINAL	26.63	—	57.54	30.91	10000.0	9.000	L1	GND
0.843000	FINAL	—	29.50	46.00	16.50	10000.0	9.000	L1	GND
0.845250	FINAL	35.01	—	56.00	20.99	10000.0	9.000	L1	GND
2.082750	FINAL	—	17.77	46.00	28.23	10000.0	9.000	L1	GND
2.105250	FINAL	26.14	—	56.00	29.86	10000.0	9.000	L1	GND
7.147500	FINAL	24.23	—	60.00	35.77	10000.0	9.000	L1	GND
7.147500	FINAL	—	17.45	50.00	32.55	10000.0	9.000	L1	GND

**Plot 7-345. Line Conducted Table with 802.11n UNII Band 2C (L1) SISO ANT1**

FCC ID: BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1710060006-06.BCG	Test Dates: 10/31-2/15/2018	EUT Type: Tablet Device	Page 255 of 259

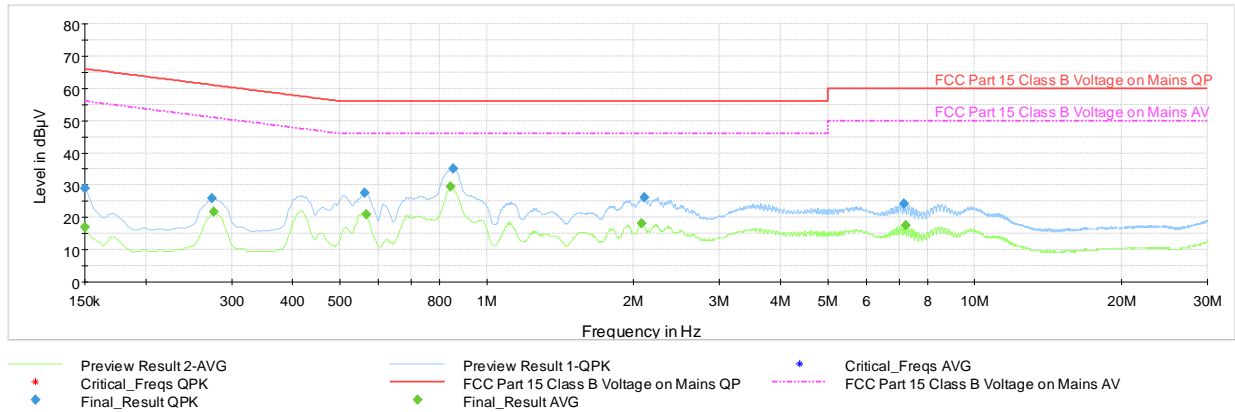


**Plot 7-346. Line Conducted Plot with 802.11n UNII Band 2C (N) SISO ANT1**

Frequency MHz	Process State	QuasiPeak dBμV	Average dBμV	Limit dBμV	Margin dB	Meas. Time ms	Bandwidth kHz	Line	PE
0.150000	FINAL	29.60	—	66.00	36.40	10000.0	9.000	N	GND
0.152250	FINAL	—	15.89	55.88	39.99	10000.0	9.000	N	GND
0.276000	FINAL	26.07	—	60.94	34.86	10000.0	9.000	N	GND
0.276000	FINAL	—	21.98	50.94	28.96	10000.0	9.000	N	GND
0.411000	FINAL	27.78	—	57.63	29.85	10000.0	9.000	N	GND
0.417750	FINAL	—	23.78	47.49	23.71	10000.0	9.000	N	GND
0.843000	FINAL	—	30.97	46.00	15.03	10000.0	9.000	N	GND
0.852000	FINAL	36.14	—	56.00	19.86	10000.0	9.000	N	GND
2.096250	FINAL	—	18.95	46.00	27.05	10000.0	9.000	N	GND
2.105250	FINAL	27.18	—	56.00	28.82	10000.0	9.000	N	GND
7.147500	FINAL	—	19.95	50.00	30.05	10000.0	9.000	N	GND
7.149750	FINAL	26.39	—	60.00	33.61	10000.0	9.000	N	GND

**Plot 7-347. Line Conducted Table with 802.11n UNII Band 2C (N) SISO ANT1**

FCC ID: BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
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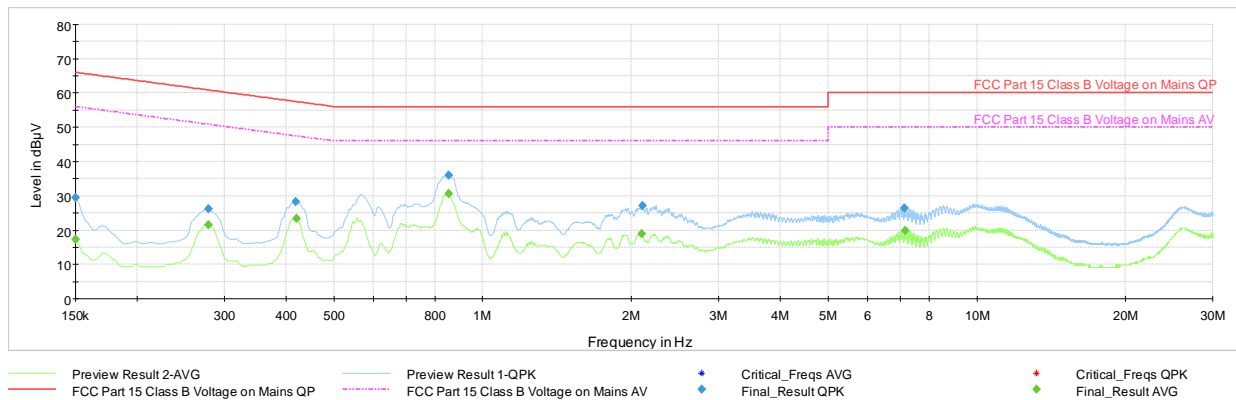


**Plot 7-348. Line Conducted Plot with 802.11n UNII Band 3 (L1) SISO ANT1**

Frequency MHz	Process State	QuasiPeak dBμV	Average dBμV	Limit dBμV	Margin dB	Meas. Time ms	Bandwidth kHz	Line	PE
0.150000	FINAL	29.02	—	66.00	36.98	10000.0	9.000	L1	GND
0.150000	FINAL	—	17.04	56.00	38.96	10000.0	9.000	L1	GND
0.273750	FINAL	25.83	—	61.00	35.17	10000.0	9.000	L1	GND
0.276000	FINAL	—	21.72	50.94	29.22	10000.0	9.000	L1	GND
0.561750	FINAL	27.47	—	56.00	28.53	10000.0	9.000	L1	GND
0.566250	FINAL	—	20.85	46.00	25.15	10000.0	9.000	L1	GND
0.843000	FINAL	—	29.50	46.00	16.50	10000.0	9.000	L1	GND
0.854250	FINAL	35.20	—	56.00	20.80	10000.0	9.000	L1	GND
2.076000	FINAL	—	17.98	46.00	28.02	10000.0	9.000	L1	GND
2.105250	FINAL	26.16	—	56.00	29.84	10000.0	9.000	L1	GND
7.147500	FINAL	24.17	—	60.00	35.83	10000.0	9.000	L1	GND
7.208250	FINAL	—	17.46	50.00	32.54	10000.0	9.000	L1	GND

**Plot 7-349. Line Conducted Table with 802.11n UNII Band 3 (L1) SISO ANT1**

FCC ID: BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
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**Plot 7-350. Line Conducted Plot with 802.11n UNII Band 3 (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	29.40	—	66.00	36.60	10000.0	9.000	N	GND
0.150000	FINAL	—	17.24	56.00	38.76	10000.0	9.000	N	GND
0.278250	FINAL	26.11	—	60.87	34.76	10000.0	9.000	N	GND
0.278250	FINAL	—	21.55	50.87	29.32	10000.0	9.000	N	GND
0.417750	FINAL	28.29	—	57.49	29.20	10000.0	9.000	N	GND
0.420000	FINAL	—	23.45	47.45	24.00	10000.0	9.000	N	GND
0.852000	FINAL	—	30.63	46.00	15.37	10000.0	9.000	N	GND
0.852000	FINAL	36.13	—	56.00	19.87	10000.0	9.000	N	GND
2.096250	FINAL	—	18.95	46.00	27.05	10000.0	9.000	N	GND
2.105250	FINAL	27.24	—	56.00	28.76	10000.0	9.000	N	GND
7.143000	FINAL	26.42	—	60.00	33.58	10000.0	9.000	N	GND
7.147500	FINAL	—	19.95	50.00	30.05	10000.0	9.000	N	GND

**Plot 7-351. Line Conducted Table with 802.11n UNII Band 3 (N) SISO ANT1**

FCC ID: BCGA1954	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1710060006-06.BCG	Test Dates: 10/31-2/15/2018	EUT Type: Tablet Device	Page 258 of 259

## 8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Tablet Device FCC ID: BCGA1954** 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: BCGA1954	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Quality Manager
Test Report S/N: 1C1710060006-06.BCG	Test Dates: 10/31-2/15/2018	EUT Type: Tablet Device	Page 259 of 259