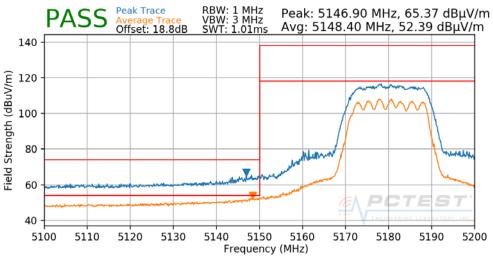


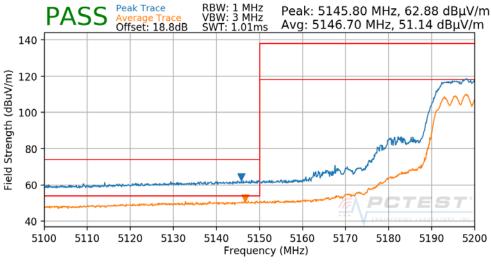
7.6.11 MIMO/CDD Radiated Band Edge Measurements (20MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

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



Plot 7-256. Radiated Lower Band Edge Plot MIMO/CDD (UNII Band 1)

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

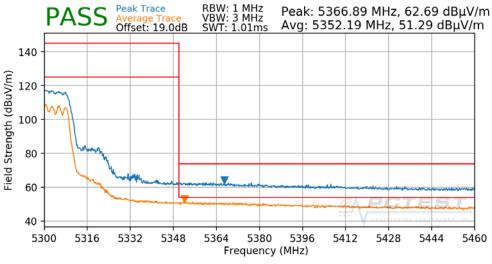


Plot 7-257. Radiated Lower Band Edge Plot MIMO/CDD (UNII Band 1)

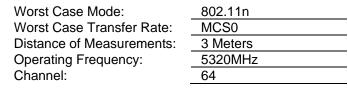
| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 184 of 206 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 184 of 206 |
| © 2019 PCTEST Engineering La | aboratory. Inc. | | V 8.7 10/10/2018 |

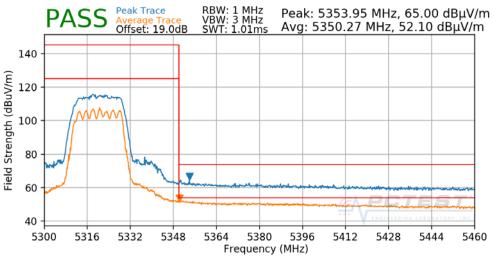


Worst Case Mode:802.11nWorst Case Transfer Rate:MCS0Distance of Measurements:3 MetersOperating Frequency:5300MHzChannel:60







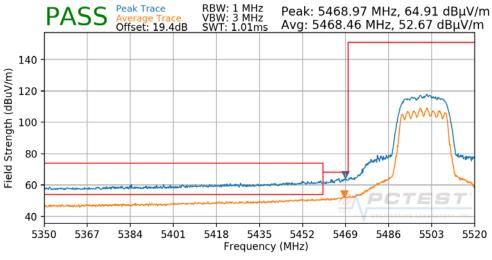




| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 195 of 206 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 185 of 206 |
| © 2019 PCTEST Engineering La | aboratory, Inc. | · | V 8.7 10/10/2018 |

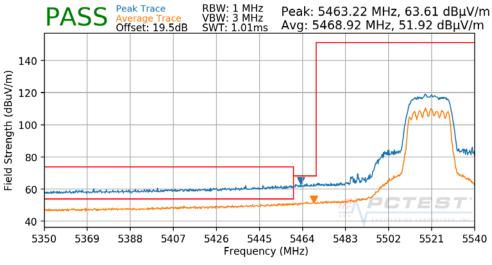


| Worst Case Mode: | 802.11n |
|---------------------------|----------|
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5500MHz |
| Channel: | 100 |





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

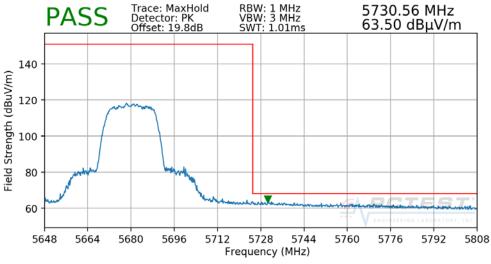




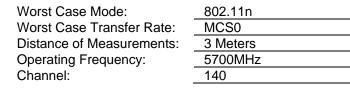
| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 196 of 206 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 186 of 206 |
| © 2019 PCTEST Engineering La | boratory, Inc. | | V 8.7 10/10/2018 |

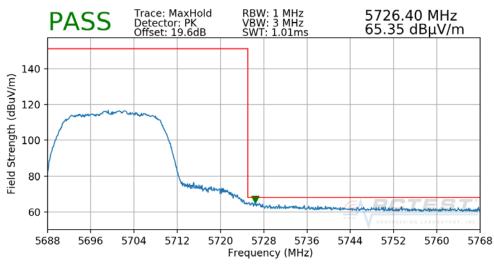


| | 802.11n | |
|------|----------|--|
| te: | MCS0 | |
| nts: | 3 Meters | |
| | 5680MHz | |
| | 136 | |







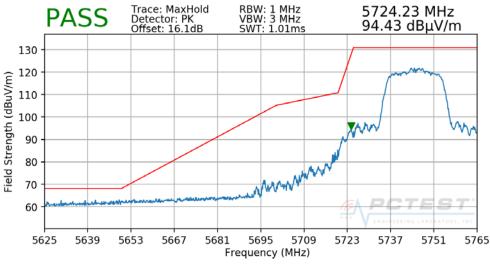


Plot 7-263. Radiated Upper Band Edge Plot MIMO/CDD (Peak – UNII Band 2C)

| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 107 of 200 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 187 of 206 |
| © 2019 PCTEST Engineering La | boratory, Inc. | | V 8.7 10/10/2018 |

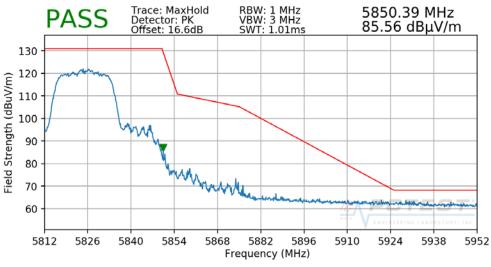


| | 802.11n | |
|-----|----------|--|
| e: | MCS0 | |
| ts: | 3 Meters | |
| | 5745MHz | |
| | 149 | |



Plot 7-264. Radiated Lower Band Edge Plot MIMO/CDD (Peak – UNII Band 3)

Worst Case Mode:802.11nWorst Case Transfer Rate:MCS0Distance of Measurements:3 MetersOperating Frequency:5825MHzChannel:165



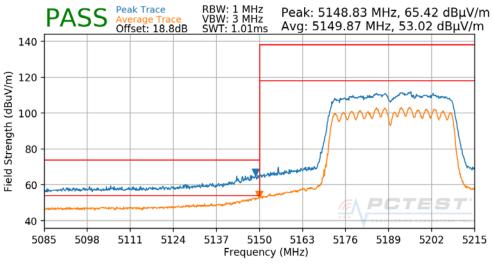
Plot 7-265. Radiated Upper Band Edge Plot MIMO/CDD (Peak – UNII Band 3)

| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 199 of 200 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 188 of 206 |
| © 2019 PCTEST Engineering La | boratory, Inc. | | V 8.7 10/10/2018 |

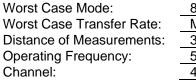


7.6.12 MIMO/CDD Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

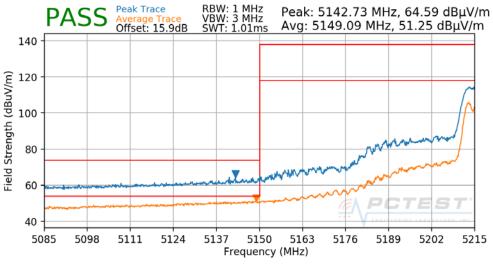
| Worst Case Mode: | 802.11n |
|---------------------------|----------|
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5190MHz |
| Channel: | 38 |



Plot 7-266. Radiated Lower Band Edge Plot MIMO/CDD (UNII Band 1)



| | 802.11n |
|----|----------|
| e: | MCS0 |
| s: | 3 Meters |
| | 5230MHz |
| | 46 |

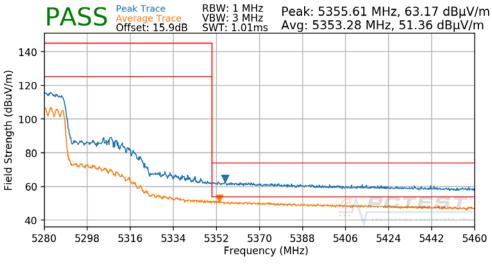




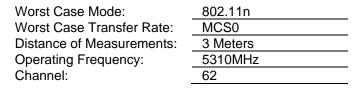
| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|--------------------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 100 of 200 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 189 of 206 |
| © 2019 PCTEST Engineering Laboratory, Inc. | | | V 8.7 10/10/2018 |

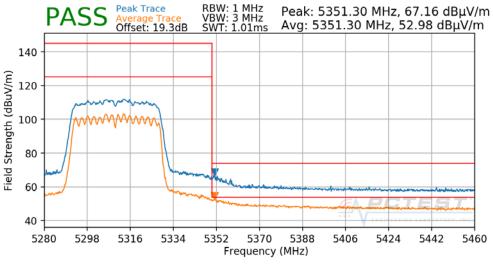


Worst Case Mode:802.11nWorst Case Transfer Rate:MCS0Distance of Measurements:3 MetersOperating Frequency:5270MHzChannel:54



Plot 7-268. Radiated Upper Band Edge Plot MIMO/CDD (UNII Band 2A)



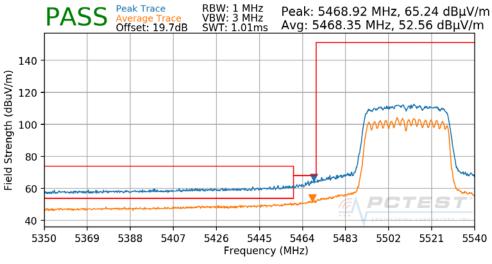


Plot 7-269. Radiated Upper Band Edge Plot MIMO/CDD (UNII Band 2A)

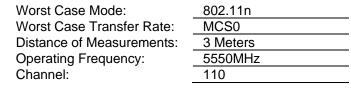
| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 100 of 200 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 190 of 206 |
| © 2019 PCTEST Engineering La | V 8.7 10/10/2018 | | |

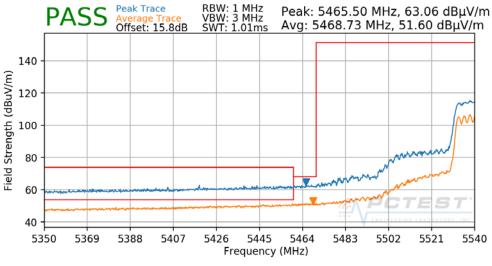


| Worst Case Mode: | 802.11n |
|---------------------------|----------|
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5510MHz |
| Channel: | 102 |



Plot 7-270. Radiated Lower Band Edge Plot MIMO/CDD (UNII Band 2C)



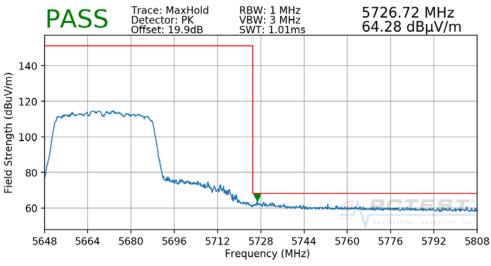


Plot 7-271. Radiated Lower Band Edge Plot MIMO/CDD (UNII Band 2C)

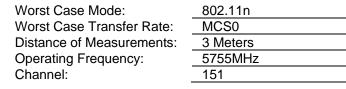
| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|--------------------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 101 of 200 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 191 of 206 |
| © 2019 PCTEST Engineering Laboratory, Inc. | | | V 8.7 10/10/2018 |

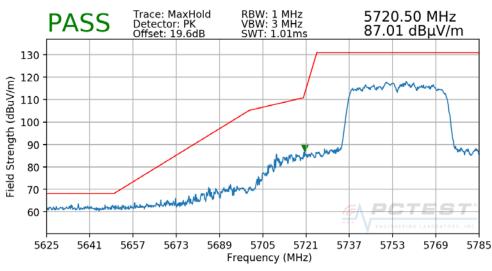


| | 802.11n | |
|------|----------|--|
| e: | MCS0 | |
| its: | 3 Meters | |
| | 5670 MHz | |
| | 134 | |



Plot 7-272. Radiated Upper Band Edge Plot MIMO/CDD (Peak - UNII Band 2C)



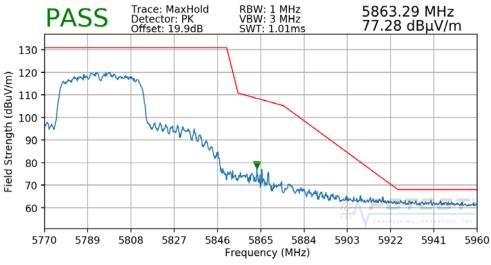


Plot 7-273. Radiated Lower Band Edge Plot MIMO/CDD (Peak – UNII Band 3)

| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|--------------------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 102 of 200 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 192 of 206 |
| © 2019 PCTEST Engineering Laboratory, Inc. | | | V 8.7 10/10/2018 |



| | 802.11n | |
|------|----------|--|
| te: | MCS0 | |
| nts: | 3 Meters | |
| | 5795MHz | |
| | 159 | |



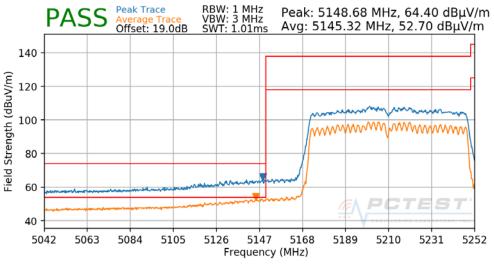
Plot 7-274. Radiated Upper Band Edge Plot MIMO/CDD (Peak - UNII Band 3)

| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|--------------------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 102 of 206 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 193 of 206 |
| © 2019 PCTEST Engineering Laboratory, Inc. | | | V 8.7 10/10/2018 |

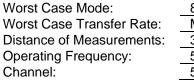


7.6.13 MIMO/CDD Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

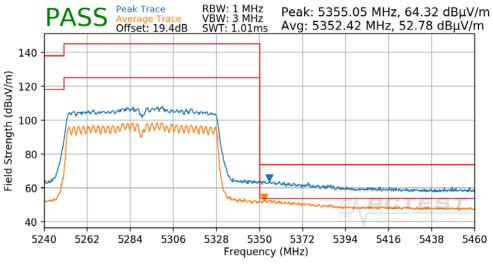
| Worst Case Mode: | 802.11ac |
|---------------------------|----------|
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5210MHz |
| Channel: | 42 |



Plot 7-275. Radiated Lower Band Edge Plot MIMO/CDD (UNII Band 1)



| | 802.11ac |
|-----|----------|
| e: | MCS0 |
| ts: | 3 Meters |
| | 5290MHz |
| | 58 |

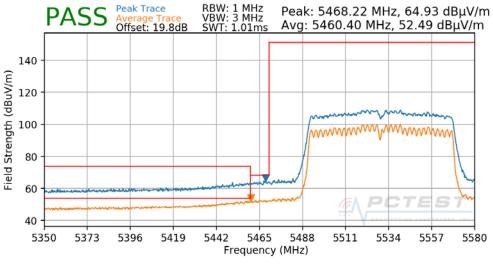




| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|--------------------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 104 of 206 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 194 of 206 |
| © 2019 PCTEST Engineering Laboratory. Inc. | | | V 8.7 10/10/2018 |

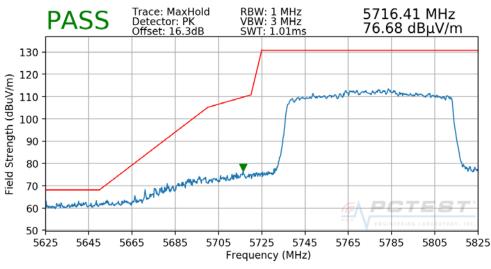


| Worst Case Mode: | 802.11ac |
|---------------------------|----------|
| Worst Case Transfer Rate: | MCS0 |
| Distance of Measurements: | 3 Meters |
| Operating Frequency: | 5530MHz |
| Channel: | 106 |





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

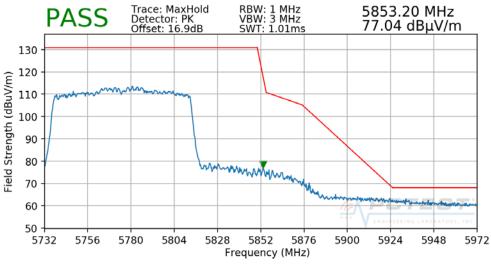


Plot 7-278. Radiated Lower Band Edge Plot MIMO/CDD (Peak – UNII Band 3)

| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 105 of 206 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 195 of 206 |
| © 2019 PCTEST Engineering La | V 8.7 10/10/2018 | | |



| | 802.11ac | |
|-----|----------|--|
| e: | MCS0 | |
| ts: | 3 Meters | |
| | 5775MHz | |
| | 155 | |



Plot 7-279. Radiated Upper Band Edge Plot MIMO/CDD (Peak - UNII Band 3)

| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 106 of 206 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 196 of 206 |
| © 2019 PCTEST Engineering La | V 8.7 10/10/2018 | | |



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 7-72 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 7-72. 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: BCGA2152 | MEASUREMENT REPORT (CERTIFICATION) | | Approved by: Quality Manager |
|------------------------------|---------------------------------------|---------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Daga 107 of 206 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 197 of 206 |
| © 2019 PCTEST Engineering La | V 8.7 10/10/2018 | | |



Test Setup

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

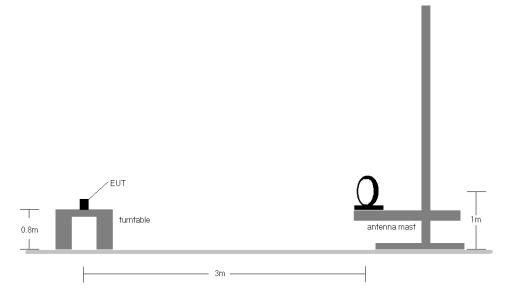
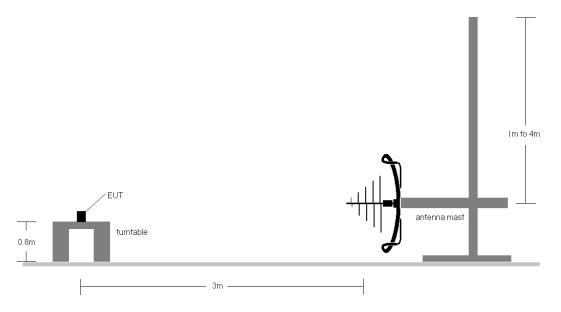


Figure 7-6. Radiated Test Setup < 30MHz





| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager | | |
|-------------------------------------------------------------|-----------------------|---------------------------------------|---------------------------------|--|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dama 400 at 000 | | |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 198 of 206 | | |
| © 2019 PCTEST Engineering Laboratory, Inc. V 8.7 10/10/2018 | | | | | |

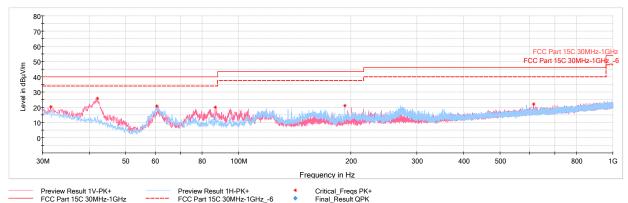


- 1. All emissions lying in restricted bands specified in §15.205 and RSS-Gen (8.10) are below the limit shown in Table 7-72.
- 2. The broadband receive antenna is manipulated through vertical and horizontal polarizations during the tests. The EUT is manipulated through three orthogonal planes.
- 3. 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.
- 10. All antenna configs were investigated and only the worst case is reported.

| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 100 of 200 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 199 of 206 |
| © 2019 PCTEST Engineering La | boratory. Inc. | | V 8.7 10/10/2018 |



MIMO/CDD Radiated Spurious Emissions Measurements (Below 1GHz) §15.209; RSS-Gen [8.9]



Plot 7-280. Radiated Spurious Plot below 1GHz MIMO/CDD – 802.11n Ch 144, with Laptop

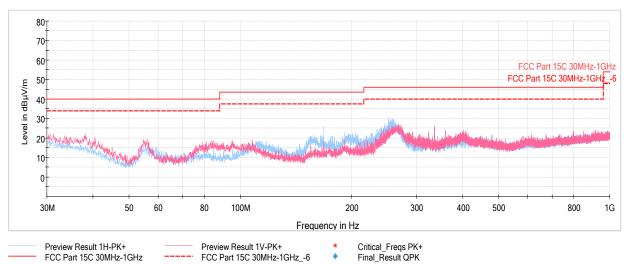
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBµV/m] | Limit [dBµV/m] | Margin [dB] |
|--------------------|----------|--------------------|---------------------------|----------------------------------|----------------------------|----------------|-------------------------------|-------------------|----------------|
| 31.55 | Peak | V | 100 | 80 | -72.38 | -14.47 | 20.15 | 40.00 | -19.85 |
| 42.03 | Peak | V | 100 | 30 | -66.84 | -14.38 | 25.77 | 40.00 | -14.23 |
| 60.65 | Peak | н | 250 | 15 | -72.48 | -13.60 | 20.92 | 40.00 | -19.08 |
| 86.75 | Peak | V | 100 | 127 | -73.53 | -13.59 | 19.89 | 40.00 | -20.11 |
| 192.52 | Peak | н | 100 | 119 | -72.03 | -13.81 | 21.16 | 43.52 | -22.36 |
| 614.33 | Peak | V | 250 | 151 | -73.97 | -10.96 | 22.07 | 46.02 | -23.96 |

Table 7-73. Radiated Spurious Emissions below 1GHz MIMO/CDD - 802.11n Ch 144, with Laptop

| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager | |
|------------------------------|-----------------------|---------------------------------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dago 200 of 206 | |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 200 of 206 | |
| © 2019 PCTEST Engineering La | poratory, Inc. | | V 8.7 10/10/2018 | |



Simultaneous Tx Radiated Spurious Emissions Measurements (Below 1GHz) §15.209; RSS-Gen [8.9]



Plot 7-281. Radiated Spurious Plot below 1GHz (2.4GHz Ch 78- 5GHz Ch 36), with Laptop

| 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] |
|--------------------|----------|--------------------|---------------------------|----------------------------------|----------------------------|----------------|-------------------------------|-------------------|----------------|
| 38.20 | Max Peak | V | 100.00 | 301.00 | -71.99 | -13.16 | 21.85 | 40.00 | -18.15 |
| 56.00 | Max Peak | V | 100.00 | 258.00 | -64.08 | -23.40 | 19.51 | 40.00 | -20.49 |
| 107.79 | Max Peak | V | 100.00 | 328.00 | -70.49 | -17.32 | 19.19 | 43.52 | -24.33 |
| 167.98 | Max Peak | Н | 100.00 | 254.00 | -63.43 | -17.69 | 25.88 | 43.52 | -17.64 |
| 335.99 | Max Peak | V | 100.00 | 216.00 | -66.54 | -14.41 | 26.05 | 46.02 | -19.97 |
| 796.59 | Max Peak | V | 100.00 | 233.00 | -77.62 | -5.76 | 23.62 | 46.02 | -22.40 |

Table 7-74. Radiated Spurious Emissions Below 1GHz (2.4GHz Ch 78 – 5GHz Ch 36), with Laptop

| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Daga 201 of 206 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 201 of 206 |
| © 2019 PCTEST Engineering La | V 8.7 10/10/2018 | | |



7.8 AC 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 7-75. 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

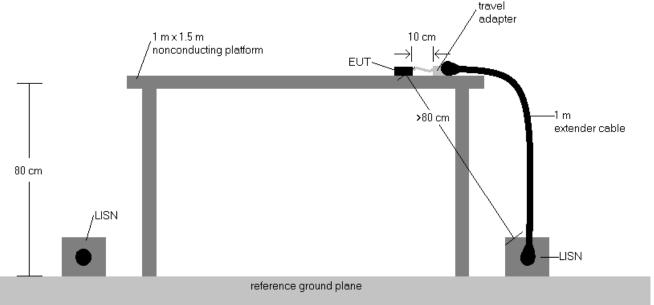
| FCC ID: BCGA2152 | | | Approved by: Quality Manager |
|--------------------------------------------|-----------------------|---------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dama 202 of 206 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 202 of 206 |
| © 2019 PCTEST Engineering Laboratory, Inc. | | | V 8.7 10/10/2018 |

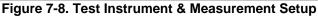
All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including the other of the other ot



Test Setup

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



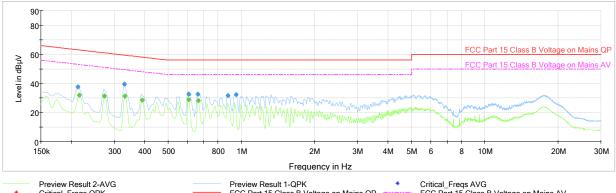


Test Notes

- 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. 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.
- 8. All antenna configs were investigated and only the worst case is reported.

| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dama 202 of 200 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 203 of 206 |
| © 2019 PCTEST Engineering La | V 8.7 10/10/2018 | | |





Critical_Freqs QPK Final_Result QPK

FCC Part 15 Class B Voltage on Mains AV

Plot 7-282. Line Conducted Plot with 802.11n UNII Band 2A Ch 52 (L1), with AC/DC Adapter

٠

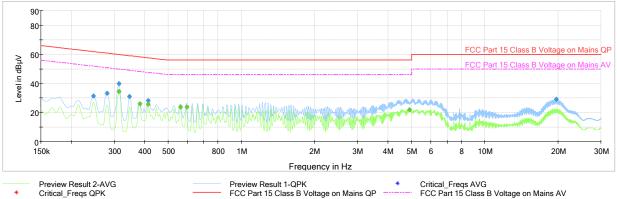
| Frequency [MHz] | Process State | QuasiPeak [dBµV] | Average [dBµV] | Limit [dBµV] | Margin [dB] | Line | PE |
|--------------------|------------------|---------------------|-------------------|-----------------|----------------|------|-----|
| 0.213 | FINAL | 37.7 | | 63.09 | -25.38 | L1 | GND |
| 0.215 | FINAL | | 31.91 | 53.00 | -21.09 | L1 | GND |
| 0.274 | FINAL | | 31.52 | 51.00 | -19.49 | L1 | GND |
| 0.330 | FINAL | 39.6 | | 59.45 | -19.86 | L1 | GND |
| 0.332 | FINAL | | 31.47 | 49.40 | -17.93 | L1 | GND |
| 0.391 | FINAL | | 28.61 | 48.05 | -19.43 | L1 | GND |
| 0.607 | FINAL | 32.5 | | 56.00 | -23.52 | L1 | GND |
| 0.607 | FINAL | | 28.77 | 46.00 | -17.23 | L1 | GND |
| 0.663 | FINAL | 32.6 | | 56.00 | -23.44 | L1 | GND |
| 0.665 | FINAL | | 28.23 | 46.00 | -17.77 | L1 | GND |
| 0.879 | FINAL | 31.7 | | 56.00 | -24.28 | L1 | GND |
| 0.951 | FINAL | 32.3 | | 56.00 | -23.74 | L1 | GND |

Table 7-76. Line Conducted Table with 802.11n UNII Band 2A Ch 52 (L1), with AC/DC Adapter

| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager | |
|--------------------------------------------|-----------------------|---------------------------------------|---------------------------------|--|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 204 of 206 | |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 204 of 206 | |
| © 2019 PCTEST Engineering Laboratory, Inc. | | | V 8.7 10/10/2018 | |

FCC Part 15 Class B Voltage on Mains QP Final_Result AVG





FCC Part 15 Class B Voltage on Mains QP Final_Result AVG Critical_Freqs QPK Final_Result QPK ٠

Plot 7-283. Line Conducted Plot with 802.11n UNII Band 2A Ch 52 (N), with AC/DC Adapter

| Frequency [MHz] | Process State | QuasiPeak [dBµV] | Average [dBµV] | Limit [dBµV] | Margin [dB] | Line | PE |
|--------------------|------------------|---------------------|-------------------|-----------------|----------------|------|-----|
| 0.247 | FINAL | 31.5 | | 61.87 | -30.39 | Ν | GND |
| 0.281 | FINAL | 33.2 | | 60.80 | -27.60 | Ν | GND |
| 0.314 | FINAL | | 34.60 | 49.86 | -15.26 | N | GND |
| 0.314 | FINAL | 39.8 | | 59.86 | -20.03 | Ν | GND |
| 0.346 | FINAL | 31.0 | | 59.06 | -28.03 | Ν | GND |
| 0.382 | FINAL | | 26.11 | 48.24 | -22.13 | Ν | GND |
| 0.413 | FINAL | | 25.81 | 47.58 | -21.77 | N | GND |
| 0.413 | FINAL | 28.2 | | 57.58 | -29.40 | Ν | GND |
| 0.562 | FINAL | | 23.75 | 46.00 | -22.25 | Ν | GND |
| 0.596 | FINAL | | 23.86 | 46.00 | -22.14 | Ν | GND |
| 4.909 | FINAL | | 21.90 | 46.00 | -24.10 | Ν | GND |
| 19.619 | FINAL | 29.0 | | 60.00 | -30.99 | N | GND |

Table 7-77. Line Conducted Table with 802.11n UNII Band 2A Ch 52 (N), with AC/DC Adapter

| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|--------------------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dogo 205 of 206 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 205 of 206 |
| © 2019 PCTEST Engineering Laboratory, Inc. | | | V 8.7 10/10/2018 |



8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **Apple Tablet Device FCC ID: BCGA2152** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules and RSS-247 of the Innovation, Science and Economic Development Canada Rules.

| FCC ID: BCGA2152 | | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Quality Manager |
|------------------------------|-----------------------|---------------------------------------|---------------------------------|
| Test Report S/N: | Test Dates: | EUT Type: | Dage 206 of 206 |
| 1C1811080025-07.BCG | 11/09/2018-02/07/2019 | Tablet Device | Page 206 of 206 |
| © 2019 PCTEST Engineering La | V 8.7 10/10/2018 | | |