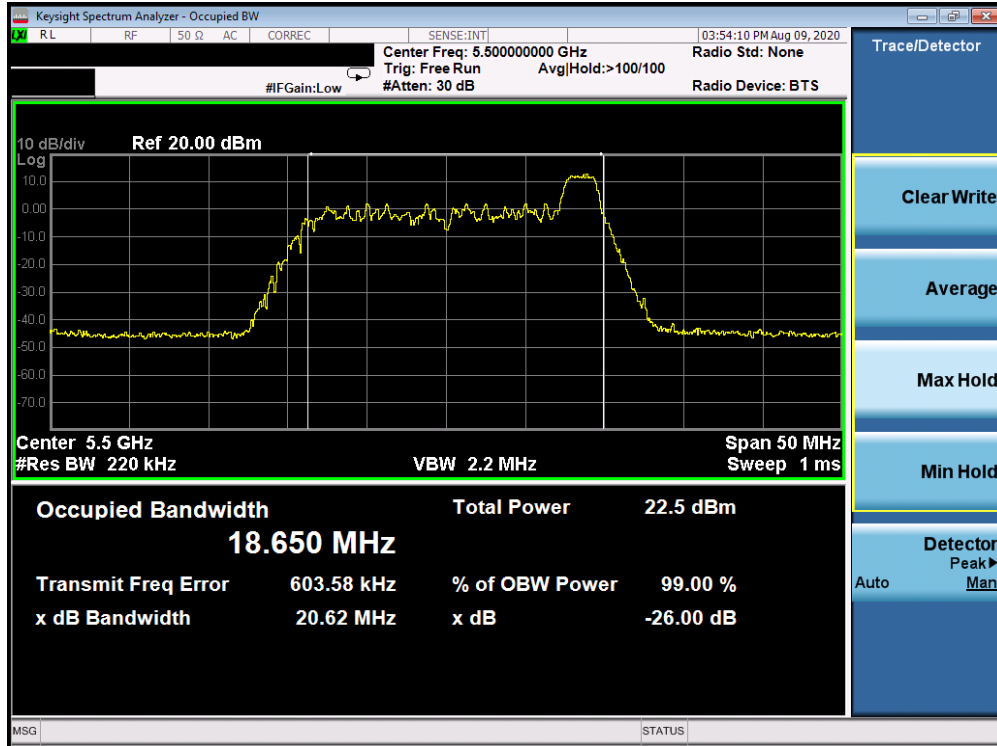
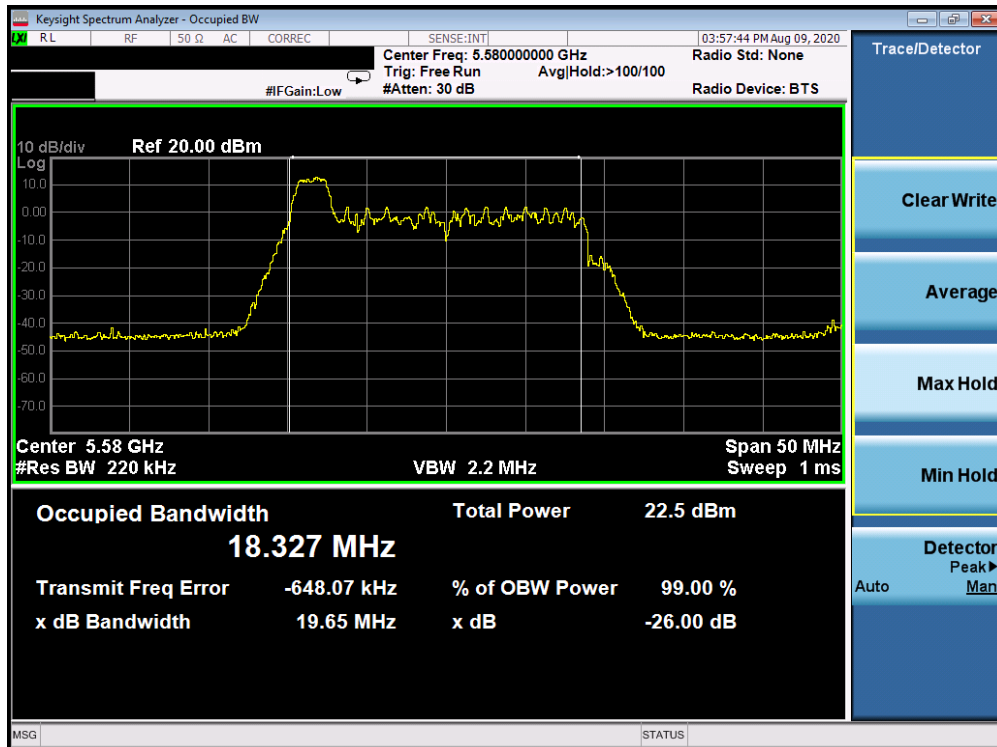


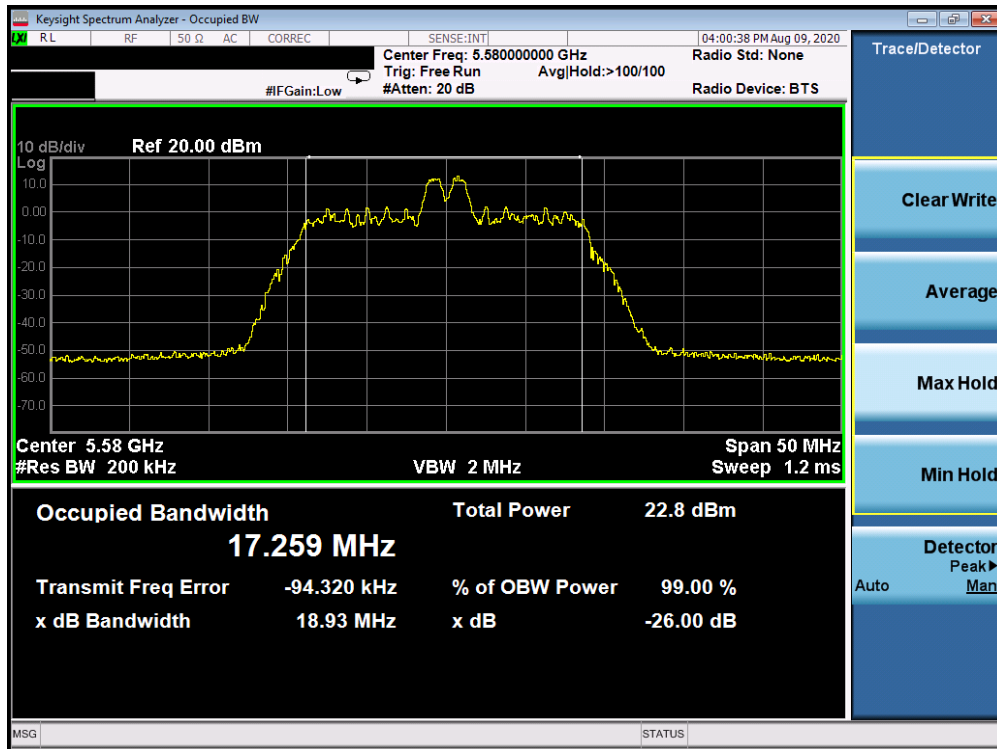


Plot 7-211. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 100)

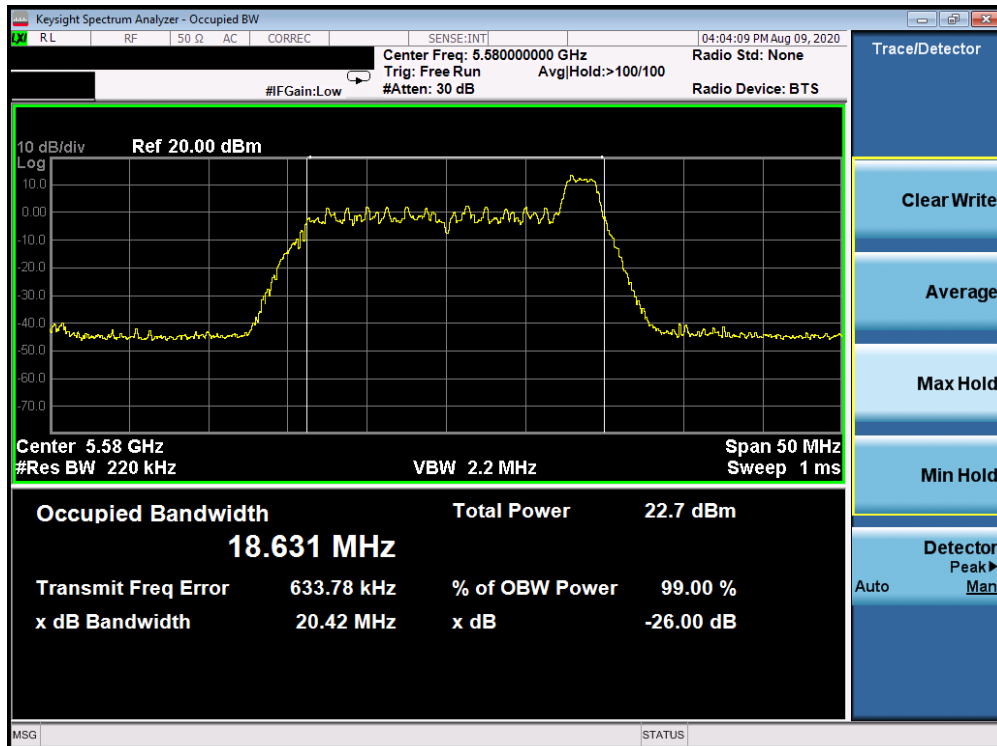


Plot 7-212. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 116)

|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 127 of 958                 |

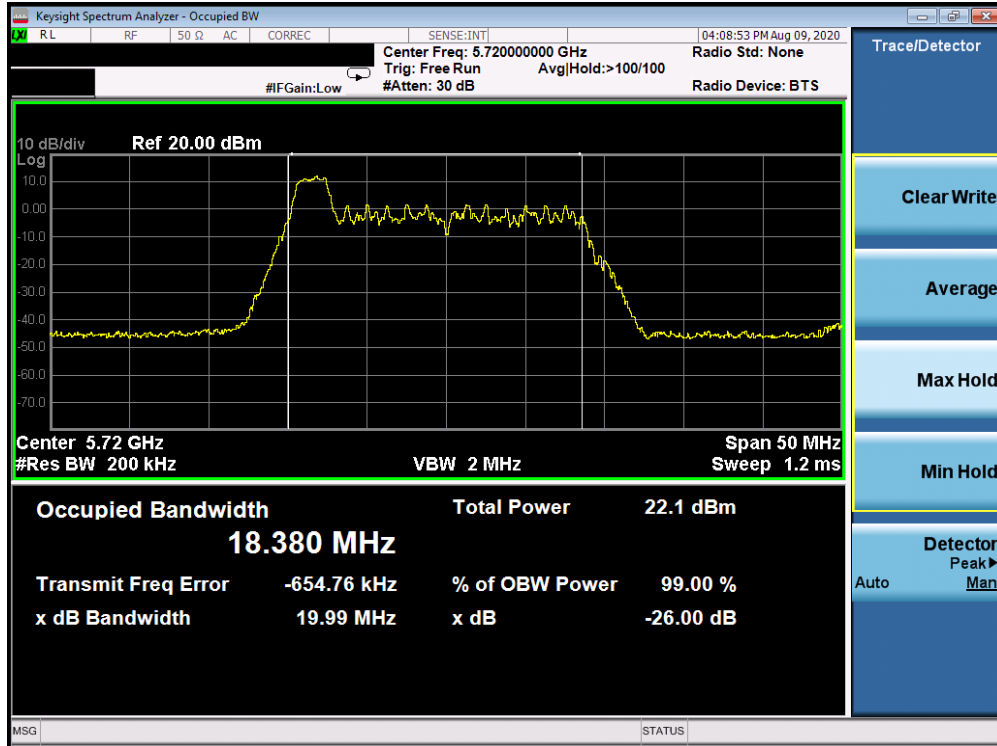


Plot 7-213. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2C) – Ch. 116)

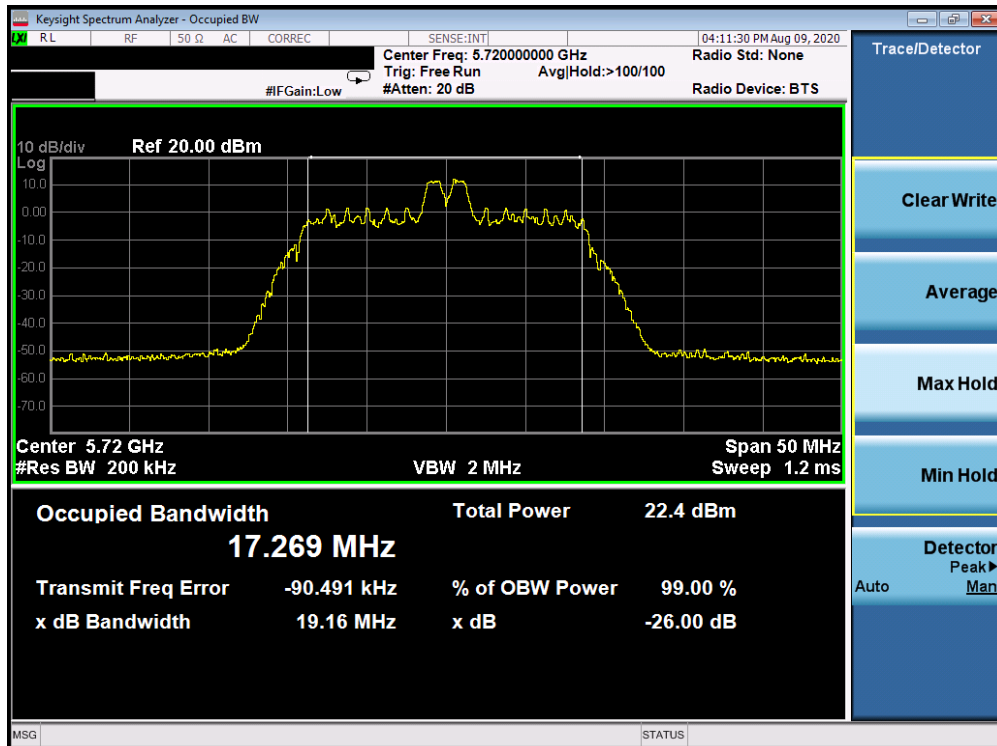


Plot 7-214. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8– RU26 (UNII Band 2C) – Ch. 116)

|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 128 of 958                 |

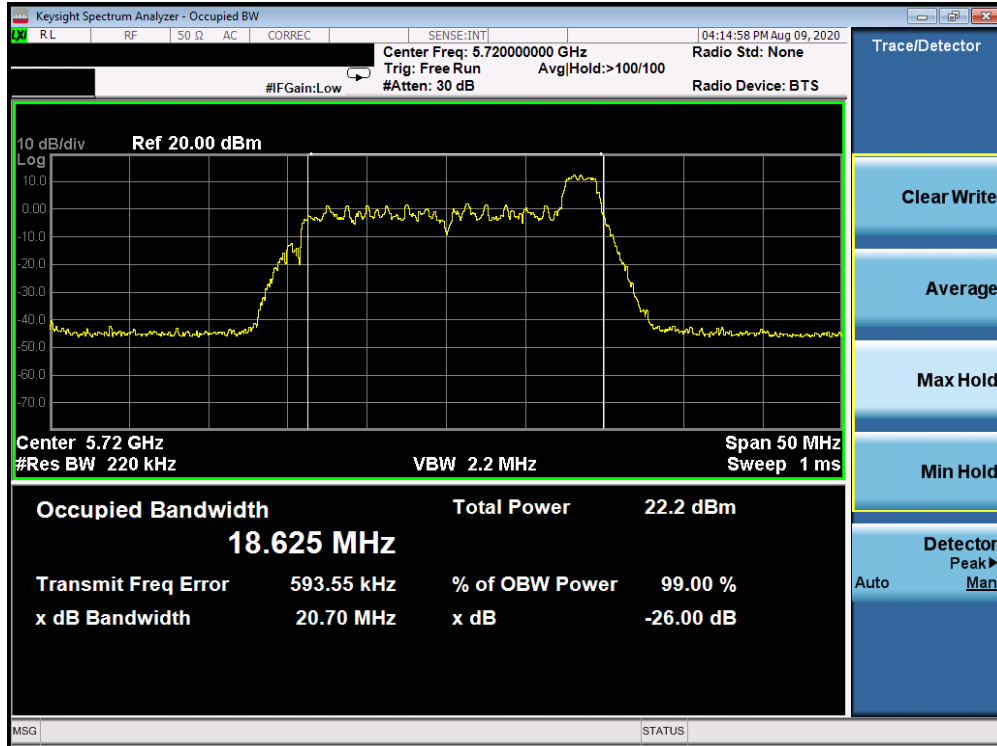


Plot 7-215. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 144)

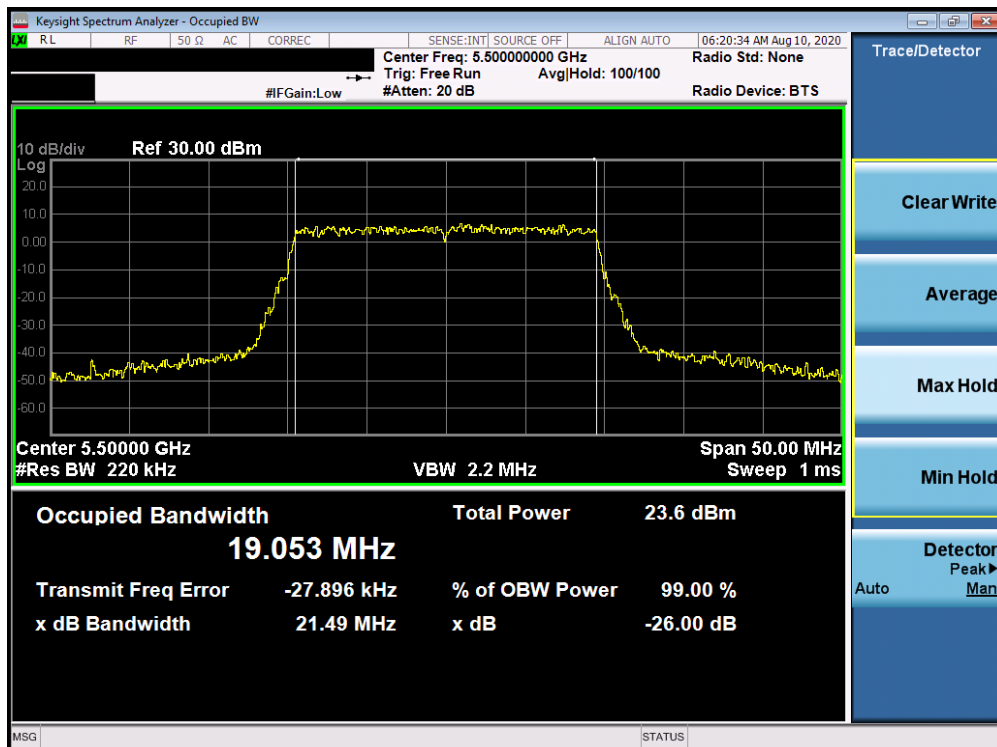


Plot 7-216. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2C) – Ch. 144)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 129 of 958                 |

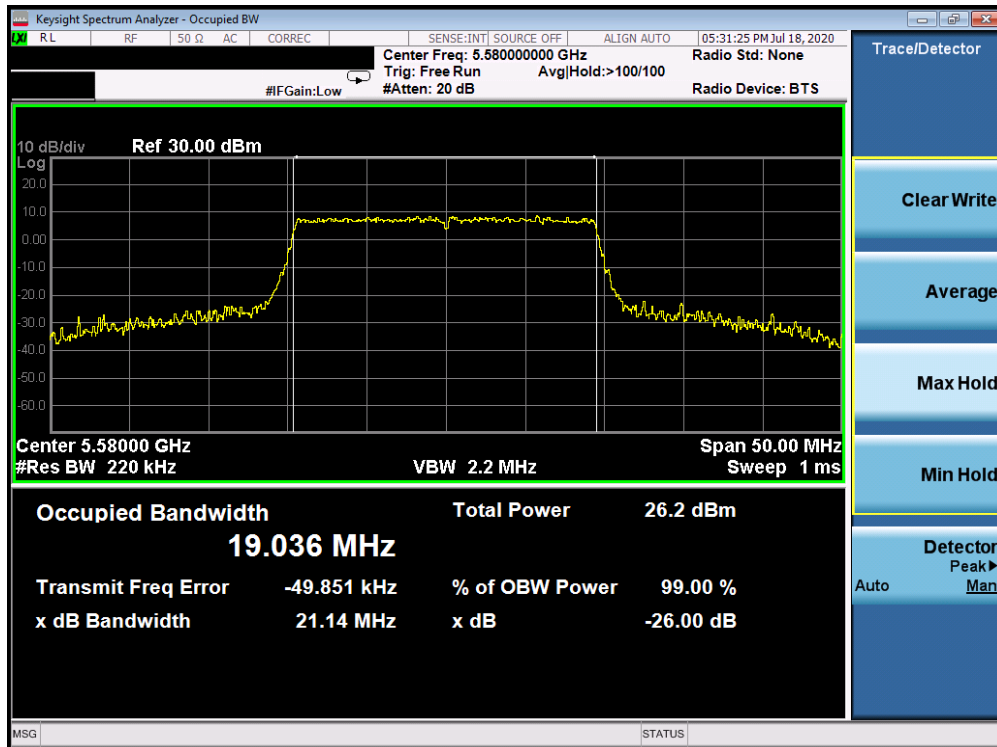


Plot 7-217. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 144)

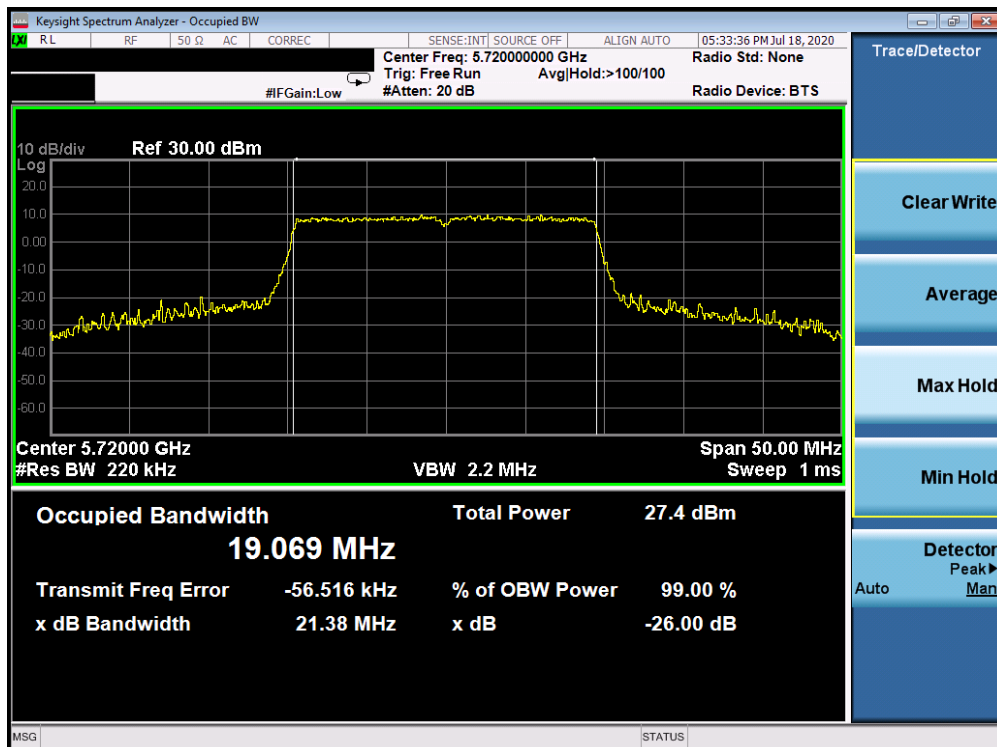


Plot 7-218. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax– RU242 (UNII Band 2C) – Ch. 100)

|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 130 of 958                 |

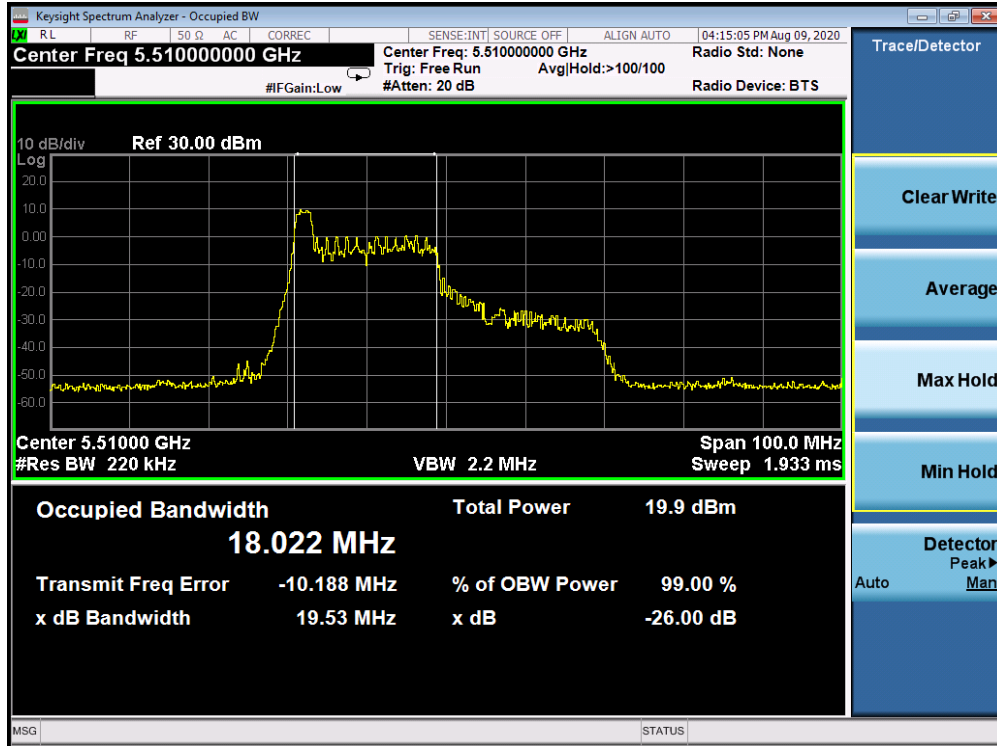


Plot 7-219. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax- RU242 (UNII Band 2C) - Ch. 116)

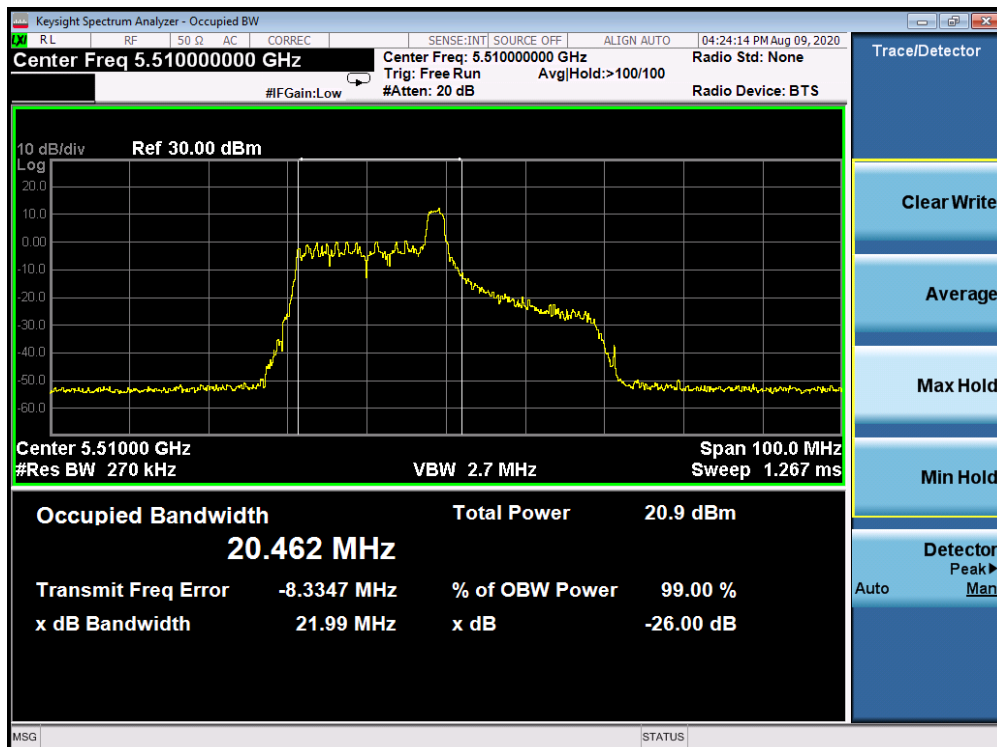


Plot 7-220. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax- RU242 (UNII Band 2C) - Ch. 144)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 131 of 958                 |

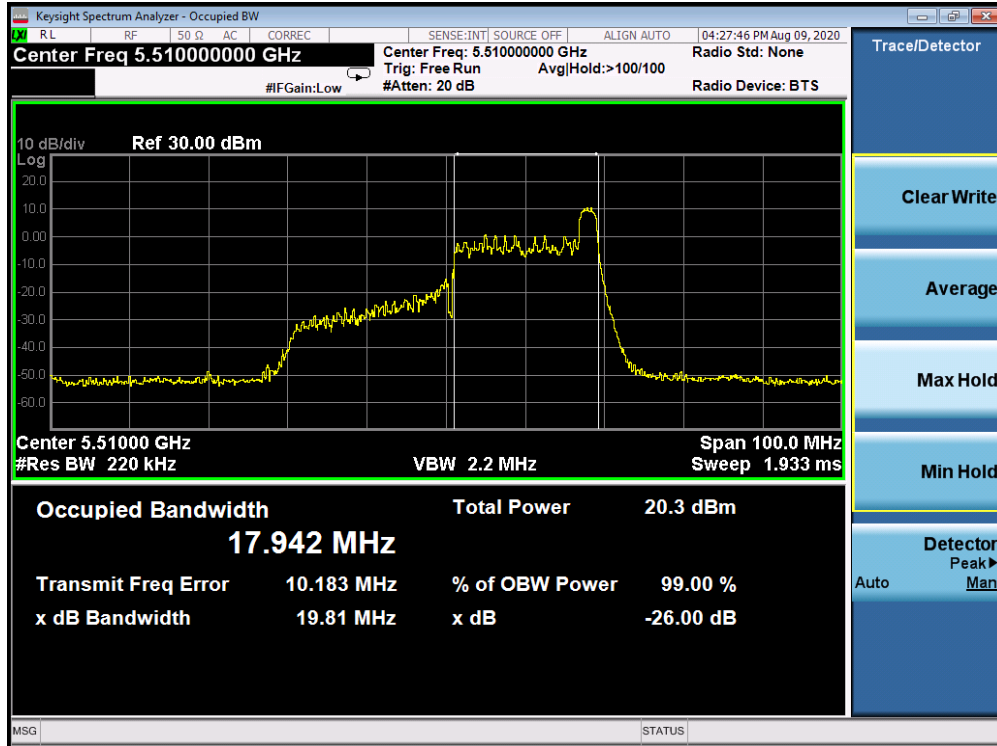


Plot 7-221. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 102)

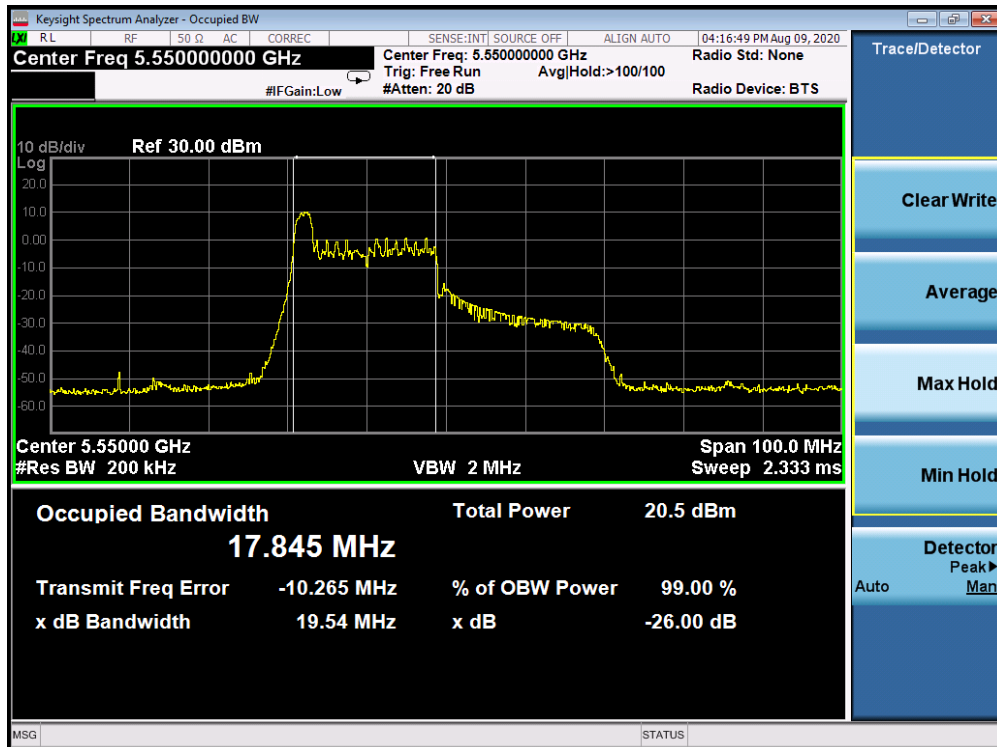


Plot 7-222. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 102)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 132 of 958                 |

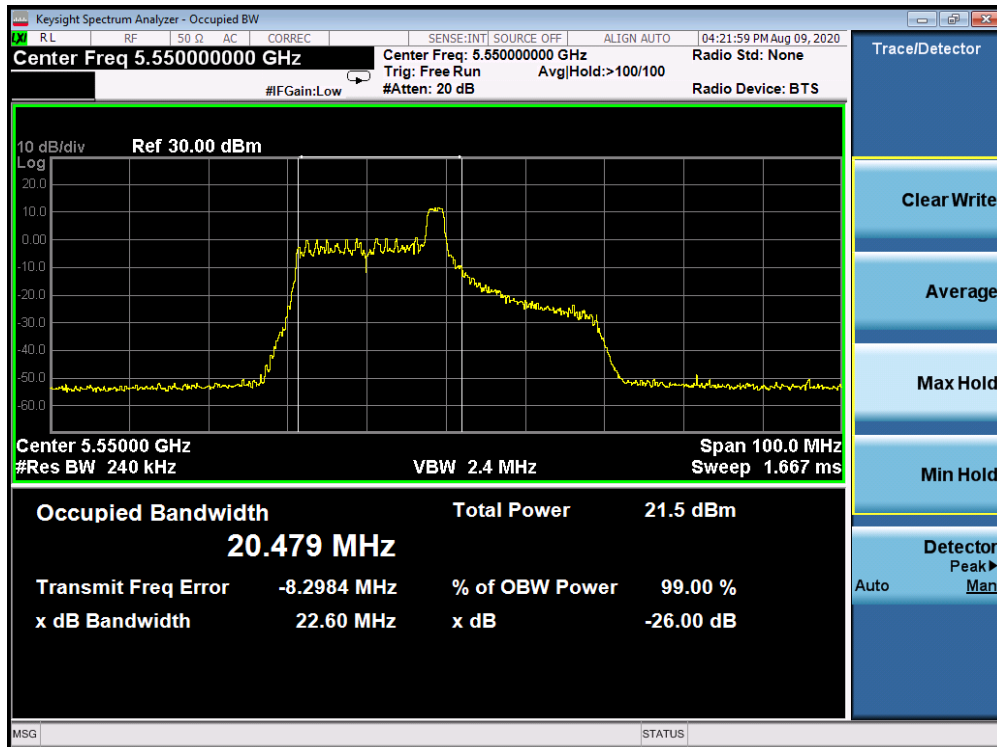


Plot 7-223. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 102)

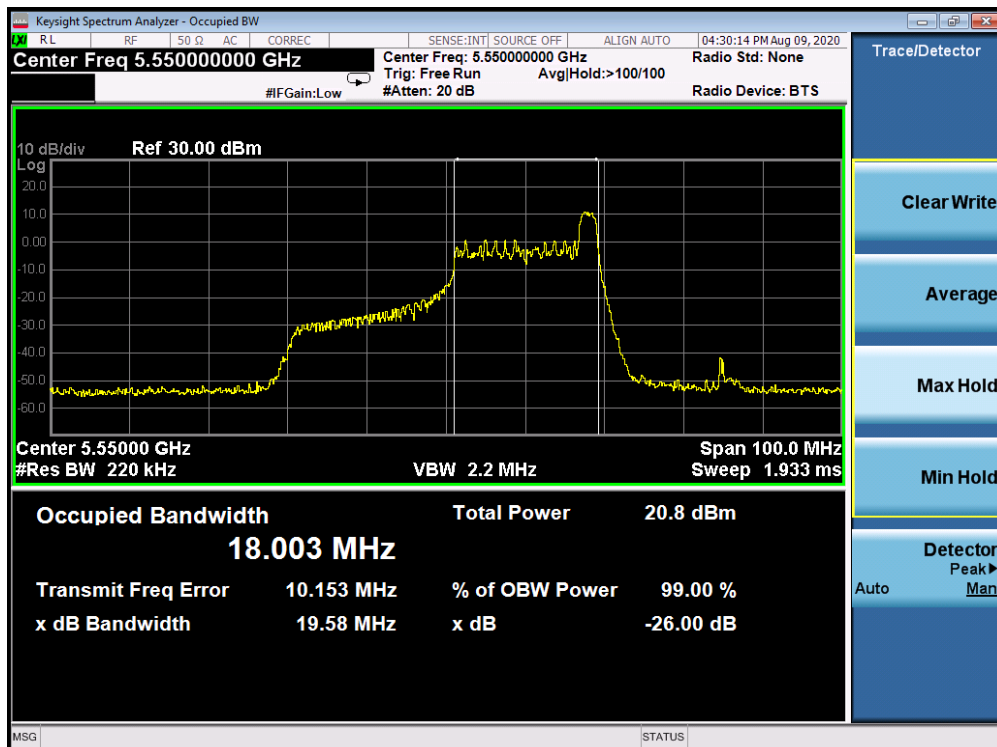


Plot 7-224. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 110)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 133 of 958                 |

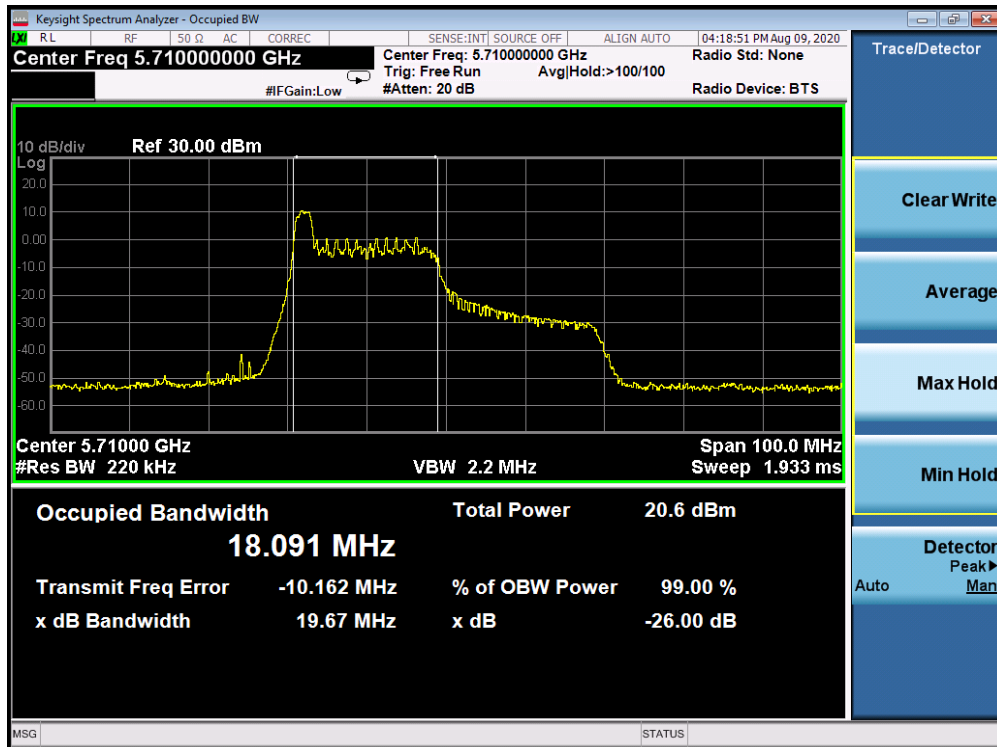


Plot 7-225. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 110)

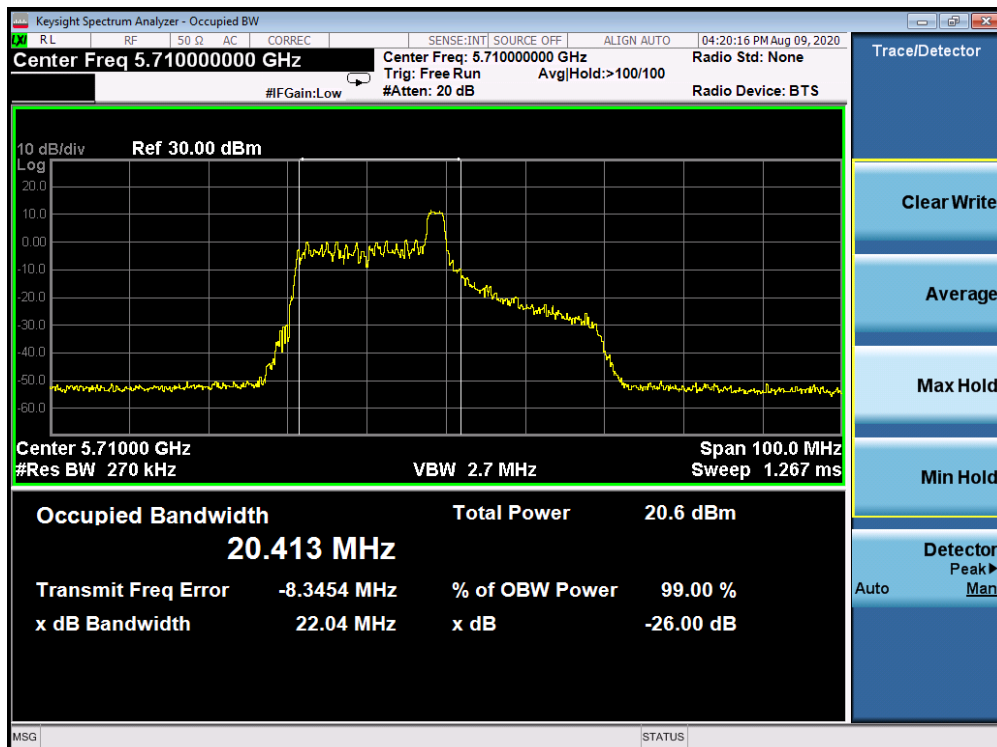


Plot 7-226. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 110)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 134 of 958                 |

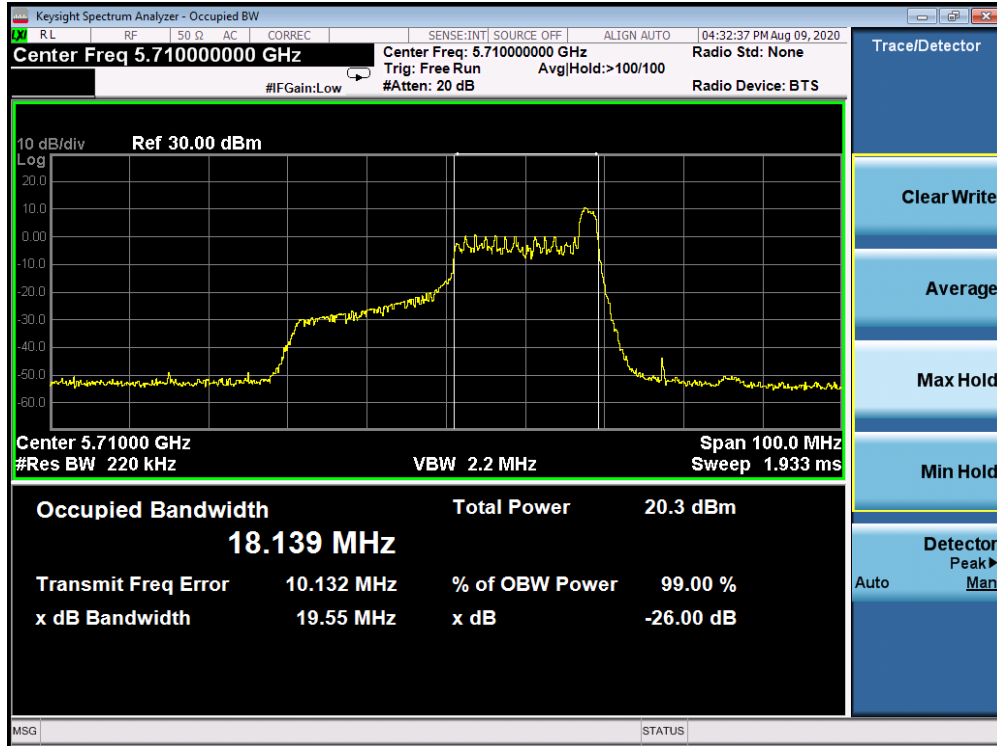


Plot 7-227. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 142)

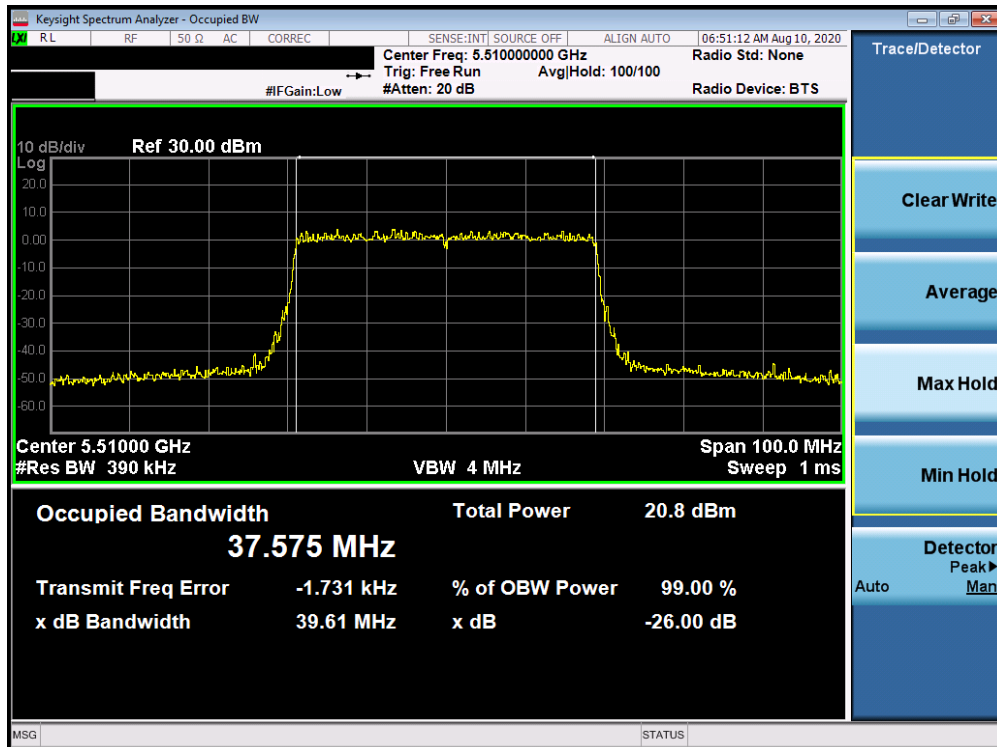


Plot 7-228. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 142)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 135 of 958                 |

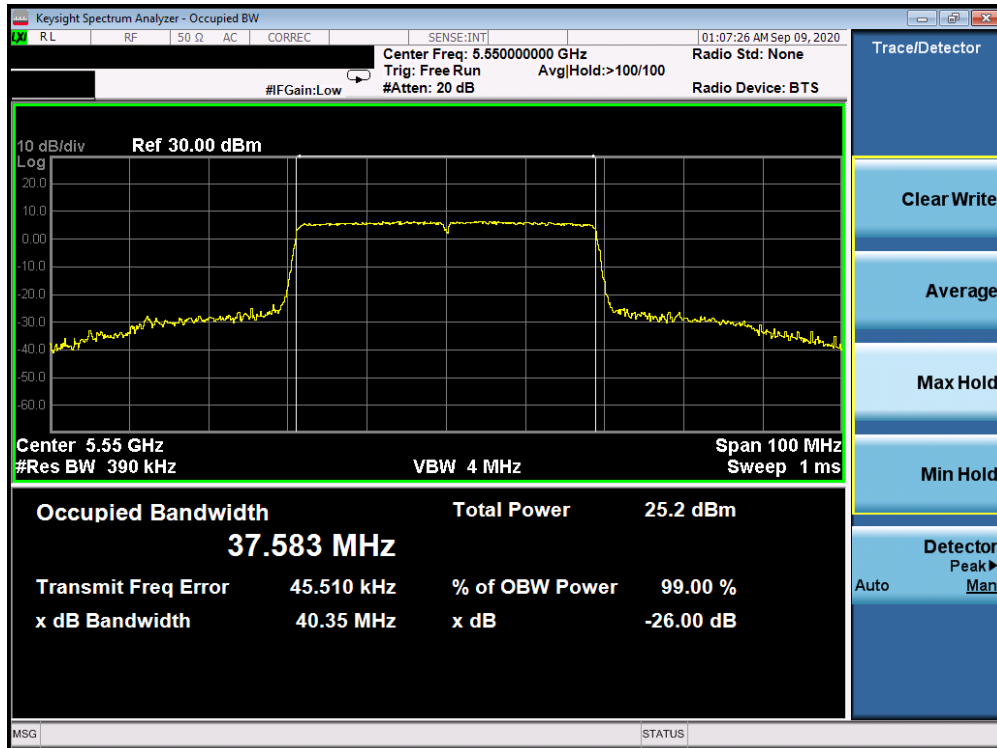


Plot 7-229. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 142)

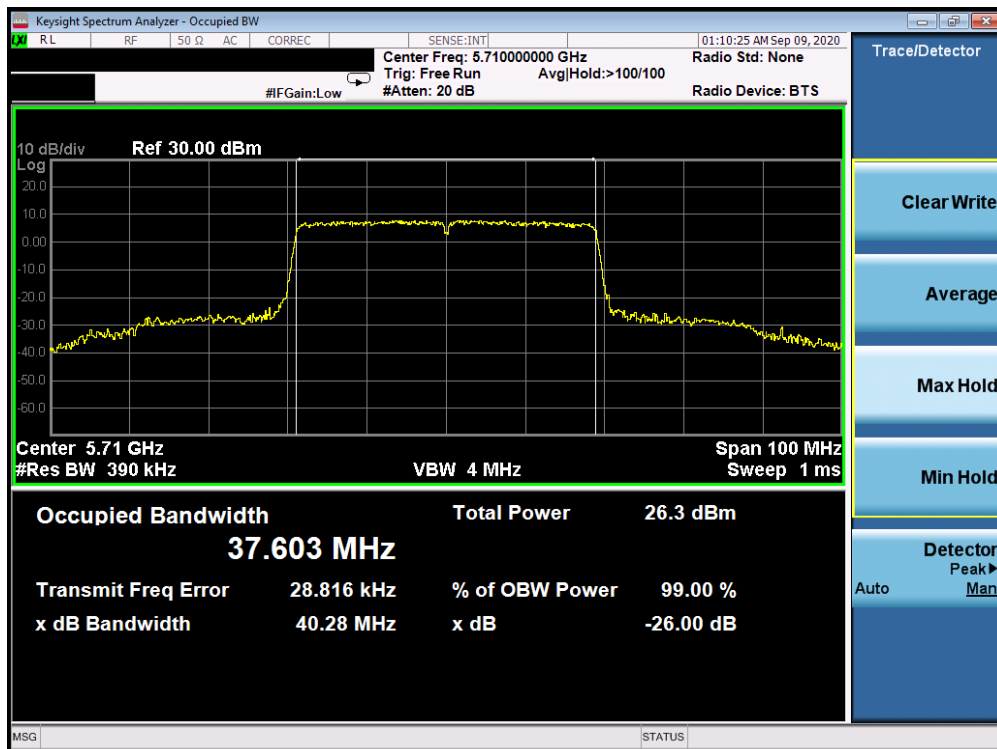


Plot 7-230. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 102)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 136 of 958                 |

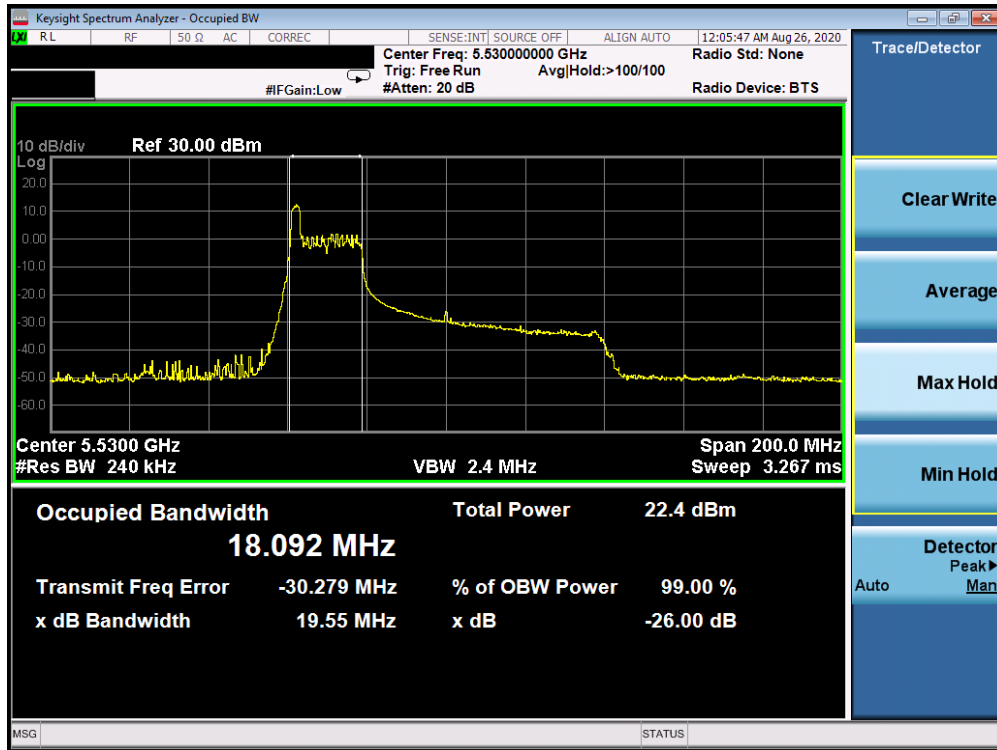


Plot 7-231. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 110)

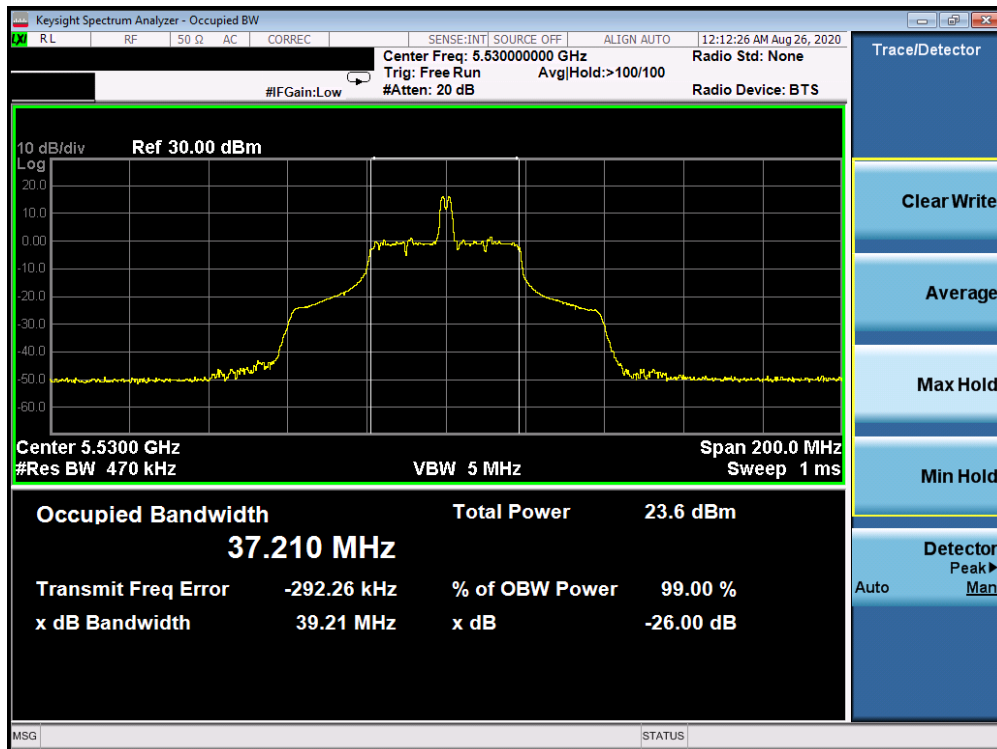


Plot 7-232. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 142)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 137 of 958                 |

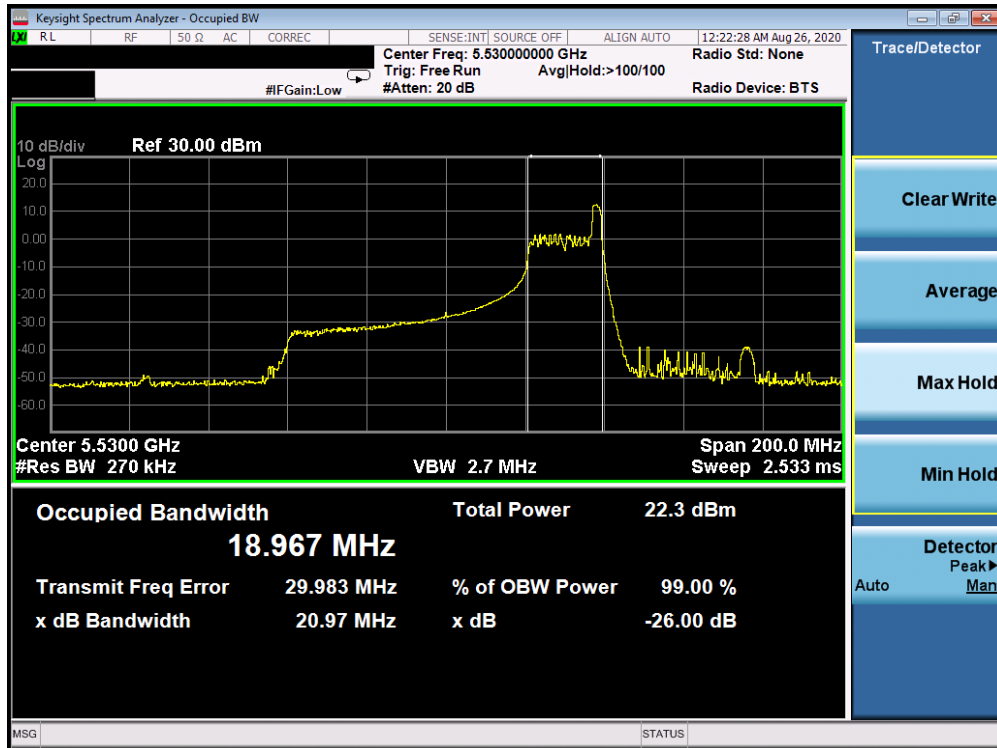


Plot 7-233. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 106)

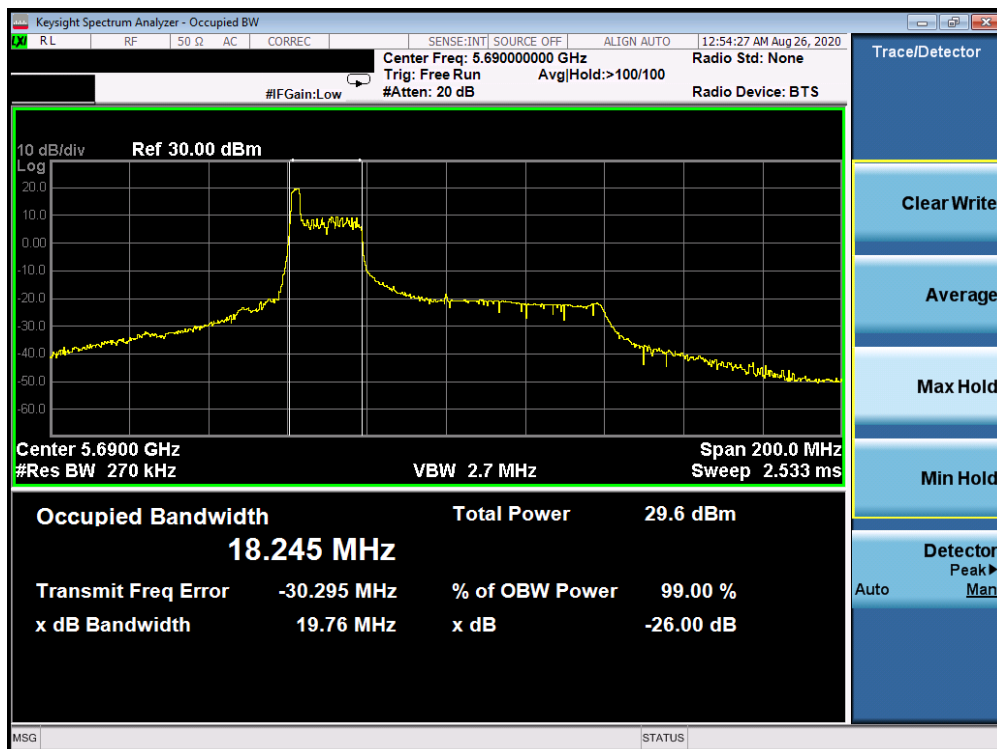


Plot 7-234. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 2C) – Ch. 106)

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                              | EUT Type:<br>Tablet Device            | Page 138 of 958                 |



Plot 7-235. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2C) – Ch. 106)

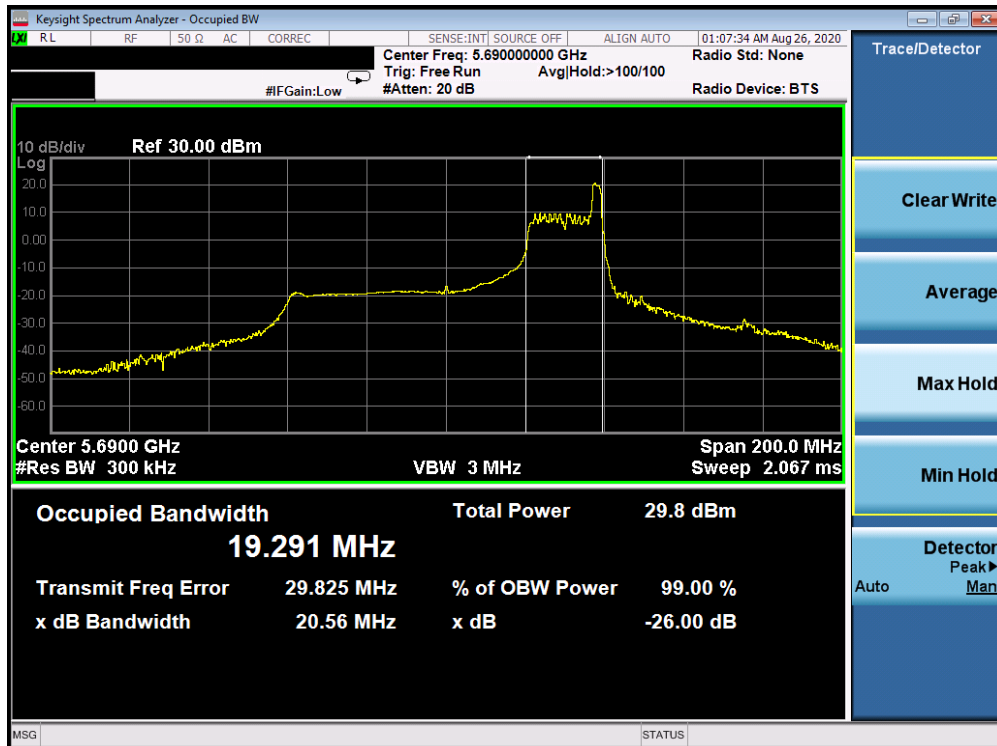


Plot 7-236. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 138)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 139 of 958                 |

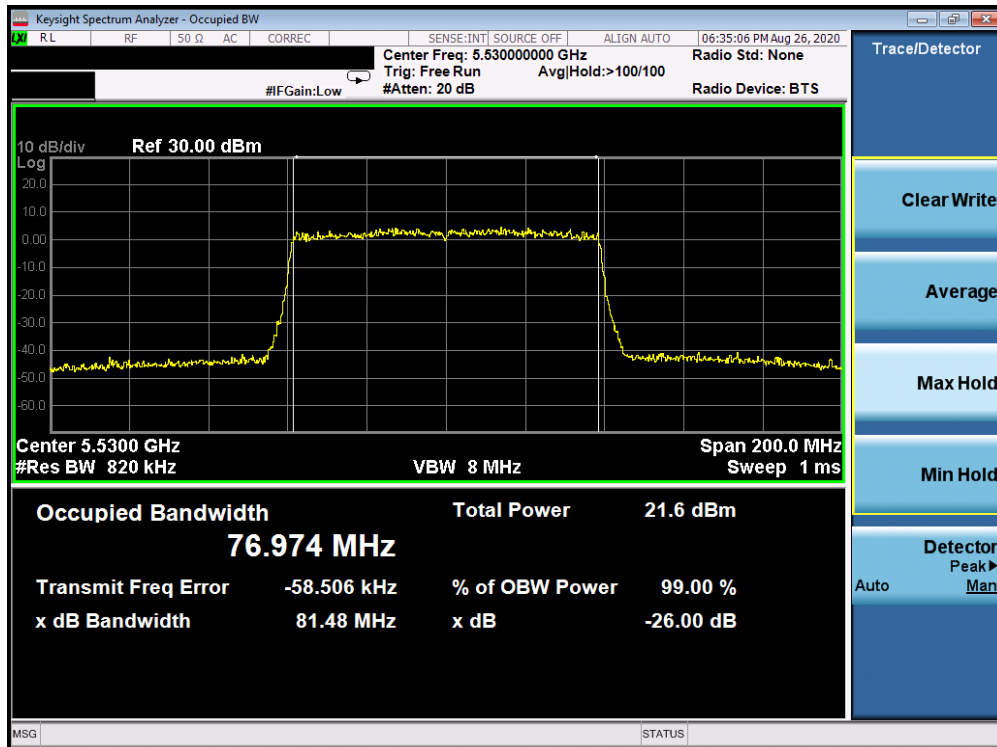


Plot 7-237. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 2C) – Ch. 138)

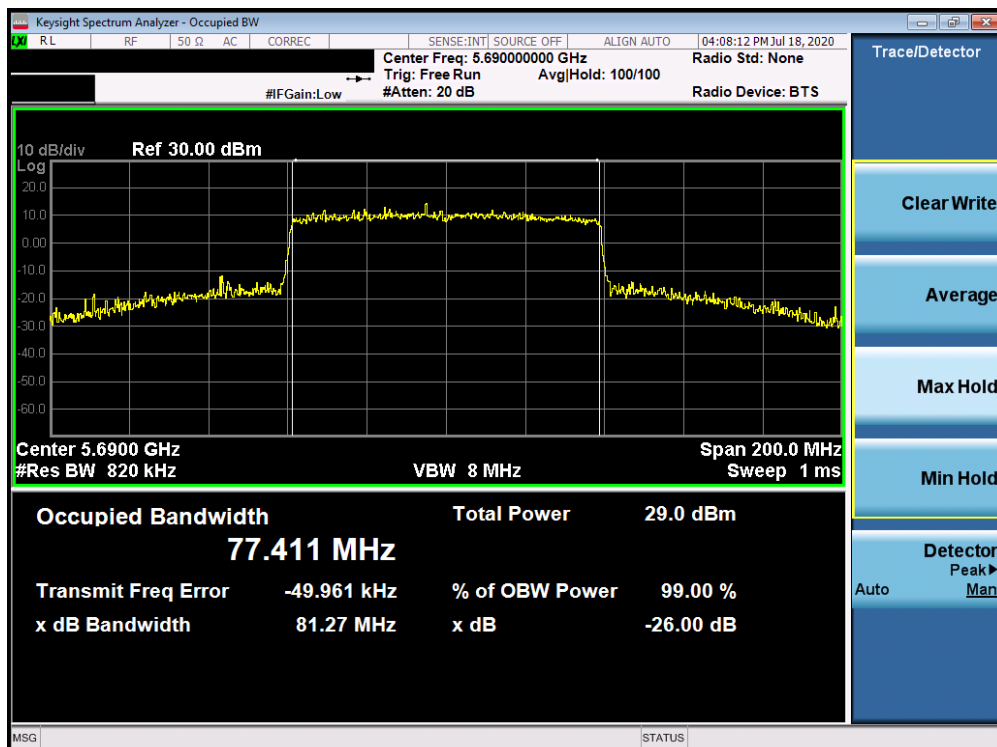


Plot 7-238. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2C) – Ch. 138)

|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 140 of 958                 |



Plot 7-239. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax – RU996 (UNII Band 2C) – Ch. 106)



Plot 7-240. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax – RU996 (UNII Band 2C) – Ch. 138)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 141 of 958                 |

### 7.3 6dB Bandwidth Measurement – 802.11ax OFDMA §15.407 (e); RSS-Gen [6.7]

#### Test Overview and Limit

The bandwidth at 6dB down from the highest in-band spectral density is measured with a spectrum analyzer connected to the antenna terminal while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2013 and KDB 789033 D02 v02r01, and at the appropriate frequencies. The spectrum analyzer's bandwidth measurement function is configured to measure the 6dB bandwidth.

***In the 5.725 – 5.850GHz band, the 6dB bandwidth must be  $\geq 500$  kHz.***

#### Test Procedure Used

ANSI C63.10-2013 – Section 6.9.2  
KDB 789033 D02 v02r01 – Section C

#### Test Settings

1. The signal analyzers' automatic bandwidth measurement capability was used to perform the 6dB bandwidth measurement. The "X" dB bandwidth parameter was set to  $X = 6$ . The automatic bandwidth measurement function also has the capability of simultaneously measuring the 99% occupied bandwidth. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. RBW = 100 kHz
3. VBW  $\geq 3 \times$  RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple

#### Test Setup

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



**Figure 7-2. Test Instrument & Measurement Setup**

#### Test Notes

1. All antenna configurations were investigated and only the worst case is reported
2. All RU's were investigated and only worst case partially-loaded and fully-loaded RU's were reported.
3. Following data were re-used from model A2324 per Data Re-use KDB guidance defined by the FCC.

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 142 of 958                 |

## Antenna 2b 6dB Bandwidth Measurements

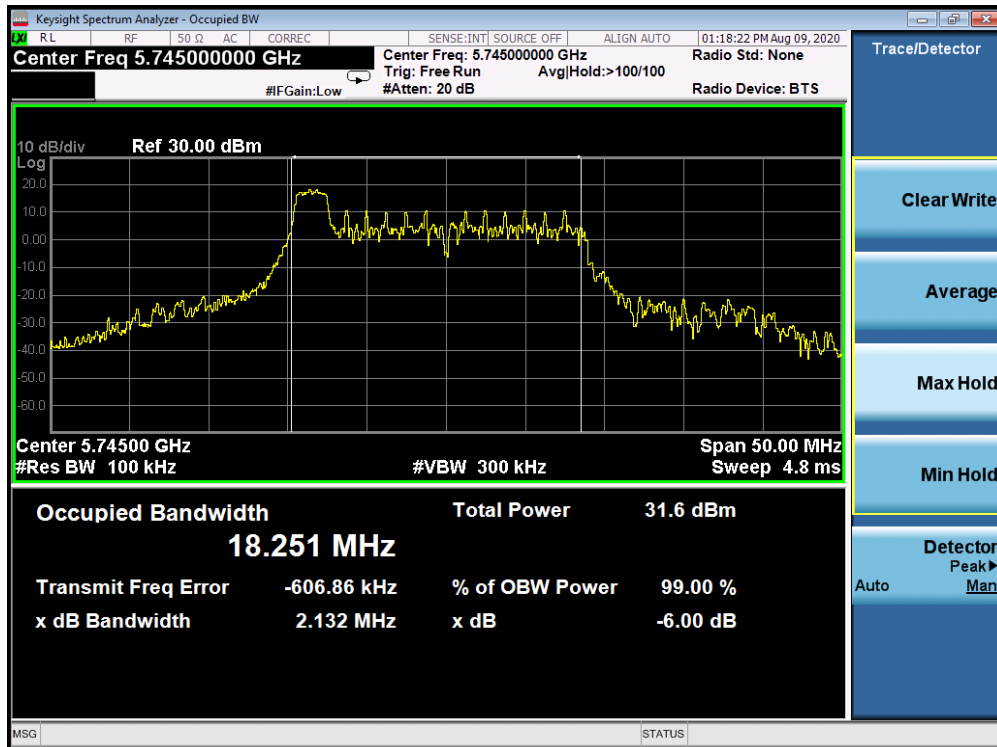
|        | Frequency [MHz] | Channel No. | 802.11 Mode | RU Size | RU Index | Data Rate [Mbps]  | Measured 6dB Bandwidth [MHz] |
|--------|-----------------|-------------|-------------|---------|----------|-------------------|------------------------------|
| Band 3 | 5745            | 149         | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 2.13                         |
|        |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 2.71                         |
|        |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 2.12                         |
|        | 5785            | 157         | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 2.11                         |
|        |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 2.70                         |
|        |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 2.12                         |
|        | 5825            | 165         | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 2.14                         |
|        |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 2.72                         |
|        |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 2.09                         |
|        | 5755            | 151         | ax (40MHz)  | 26      | 0        | 271/286.8 (MCS11) | 2.12                         |
|        |                 |             |             | 26      | 8        | 271/286.8 (MCS11) | 2.17                         |
|        |                 |             |             | 26      | 17       | 271/286.8 (MCS11) | 2.12                         |
|        | 5795            | 159         | ax (40MHz)  | 26      | 0        | 271/286.8 (MCS11) | 2.08                         |
|        |                 |             |             | 26      | 8        | 271/286.8 (MCS11) | 2.19                         |
|        |                 |             |             | 26      | 17       | 271/286.8 (MCS11) | 2.13                         |
|        | 5775            | 155         | ax (80MHz)  | 26      | 0        | 567/600.5 (MCS11) | 2.23                         |
|        |                 |             |             | 26      | 18       | 567/600.5 (MCS11) | 2.84                         |
|        |                 |             |             | 26      | 36       | 567/600.5 (MCS11) | 2.23                         |

Table 7-8. Conducted Bandwidth Measurements Antenna 2b (RU26)

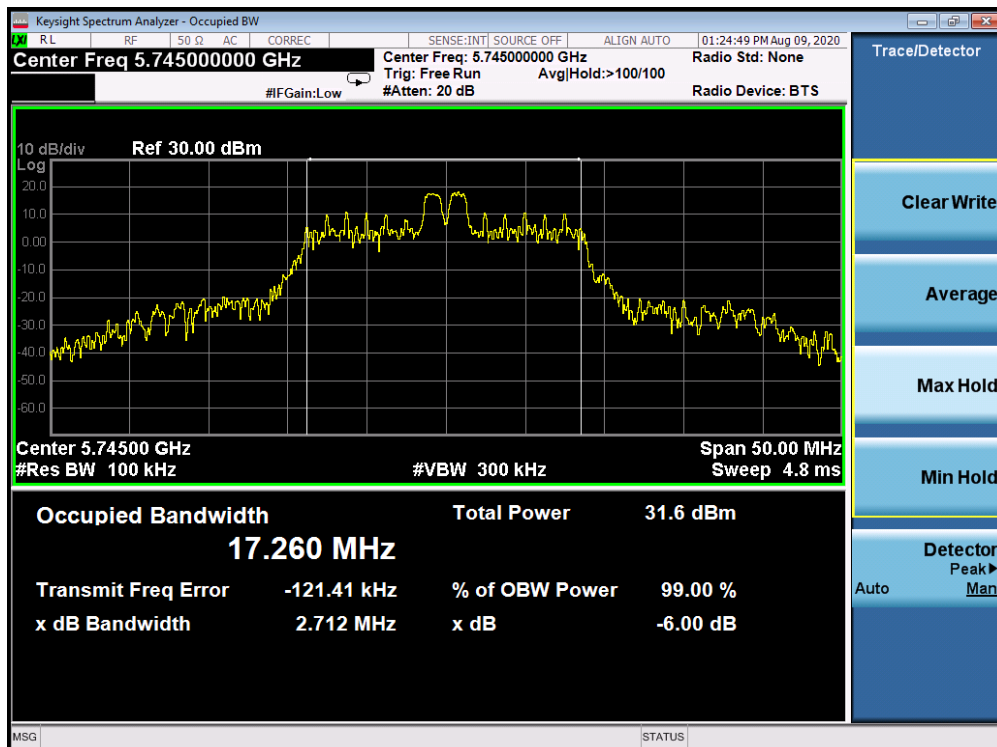
|        | Frequency [MHz] | Channel No. | 802.11 Mode | RU Size | RU Index | Data Rate [Mbps]  | Measured 6dB Bandwidth [MHz] |
|--------|-----------------|-------------|-------------|---------|----------|-------------------|------------------------------|
| Band 3 | 5745            | 149         | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 19.06                        |
|        | 5785            | 157         | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 19.09                        |
|        | 5825            | 165         | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 19.07                        |
|        | 5755            | 151         | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | 37.30                        |
|        | 5795            | 159         | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | 37.67                        |
|        | 5775            | 155         | ax (80MHz)  | 996     | 67       | 567/600.5 (MCS11) | 77.85                        |

Table 7-9. Conducted Bandwidth Measurements Antenna 2b (Fully- loaded RU)

|                                         |                                                                                                                               |                            |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                        | EUT Type:<br>Tablet Device | Page 143 of 958                 |

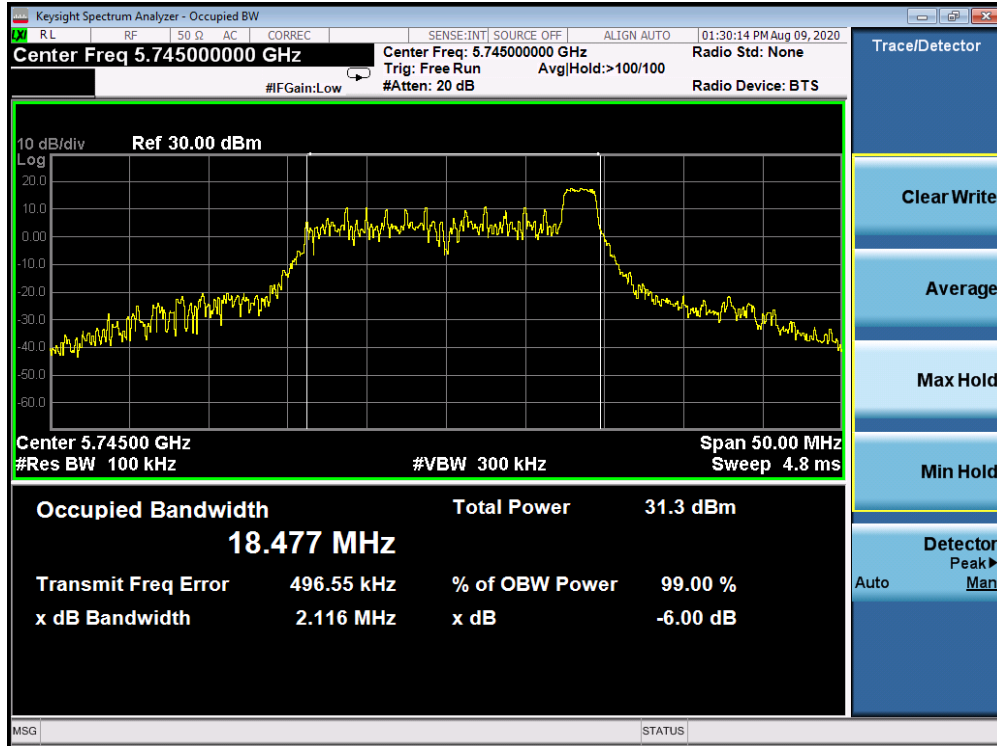


Plot 7-241. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 149)

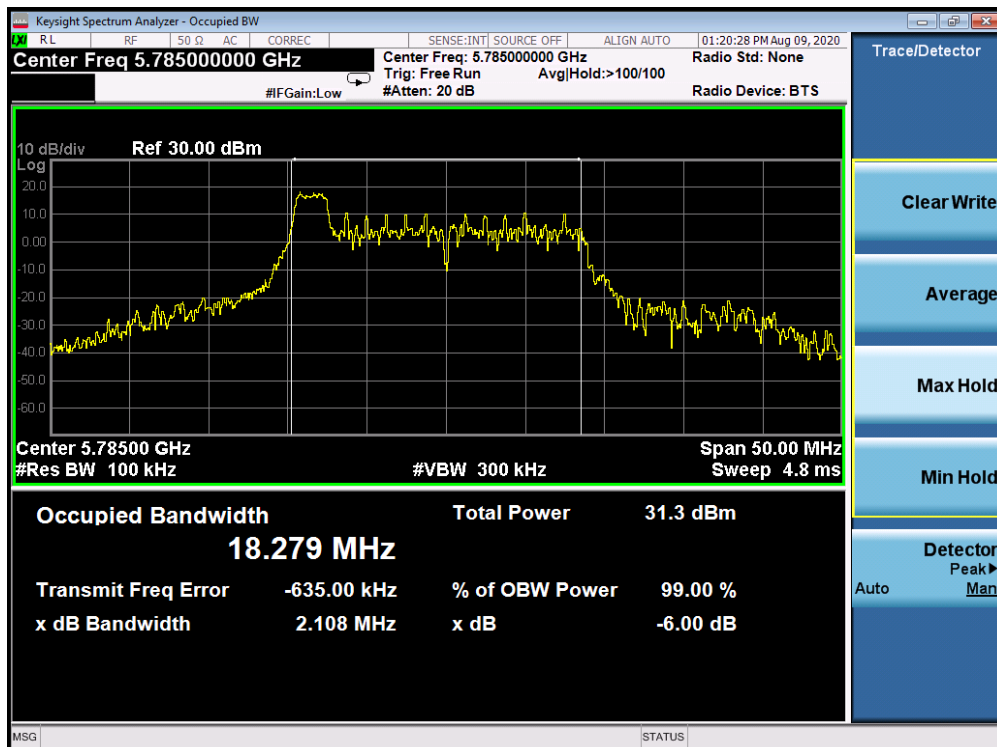


Plot 7-242. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 149)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 144 of 958                 |

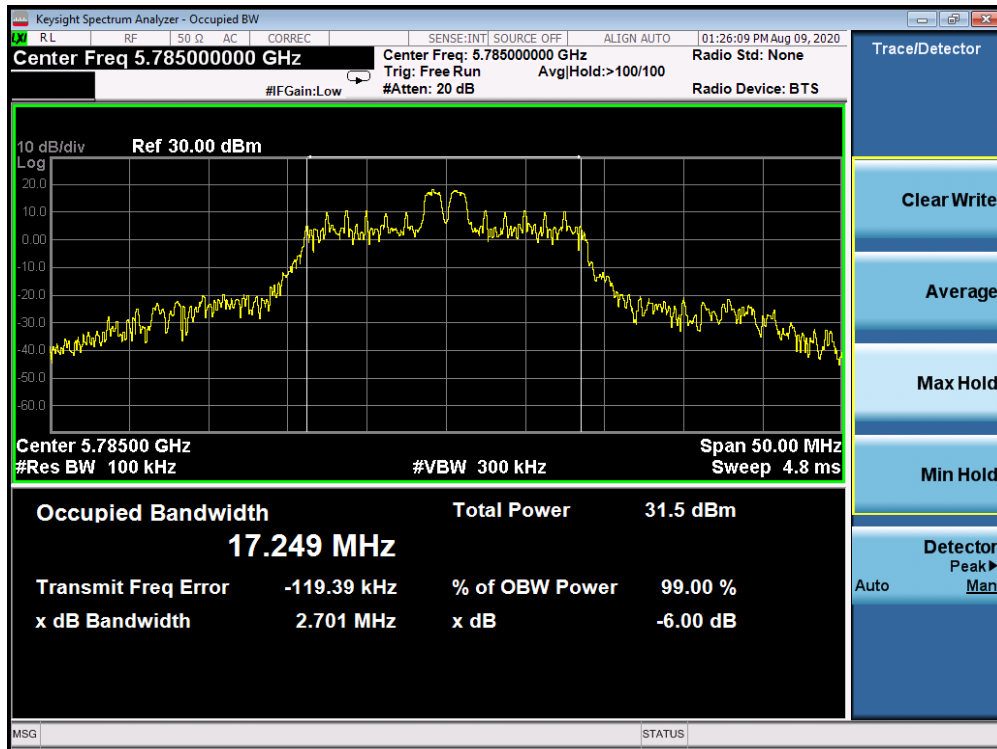


Plot 7-243. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 149)

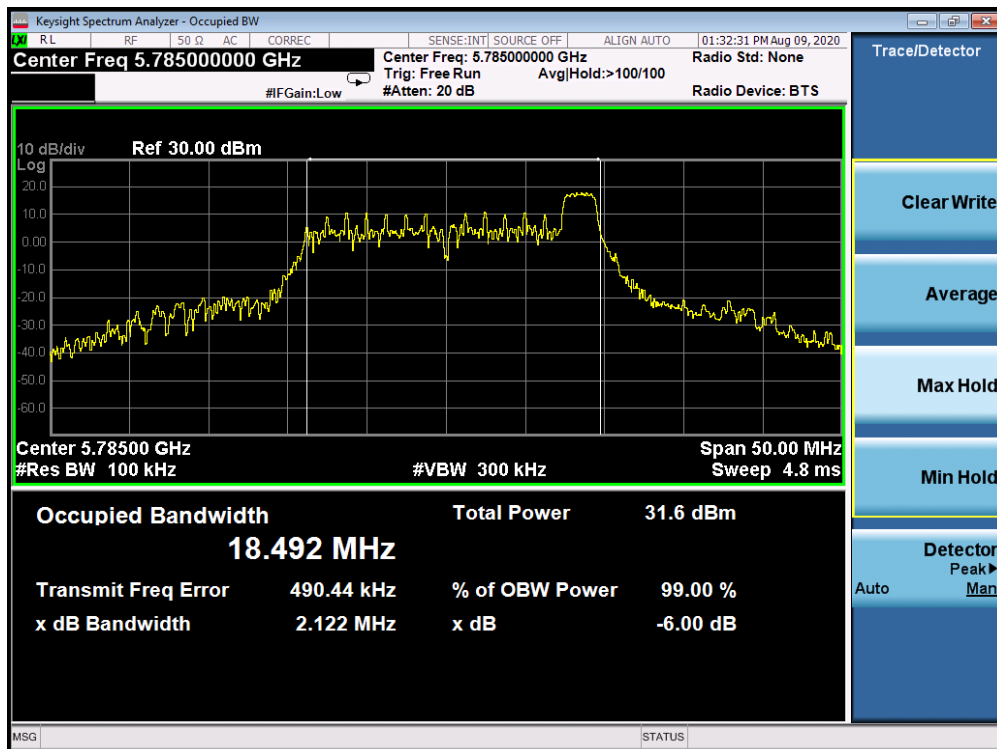


Plot 7-244. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 157)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 145 of 958                 |

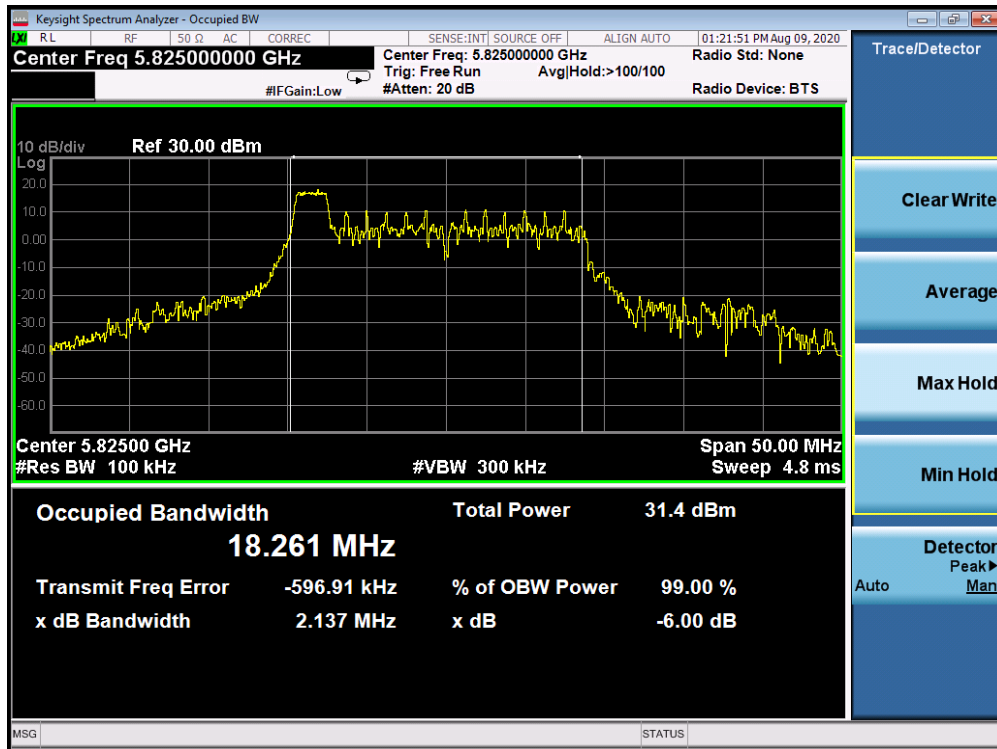


Plot 7-245. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 157)



Plot 7-246. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 8– RU26 (UNII Band 3) – Ch. 157)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 146 of 958                 |

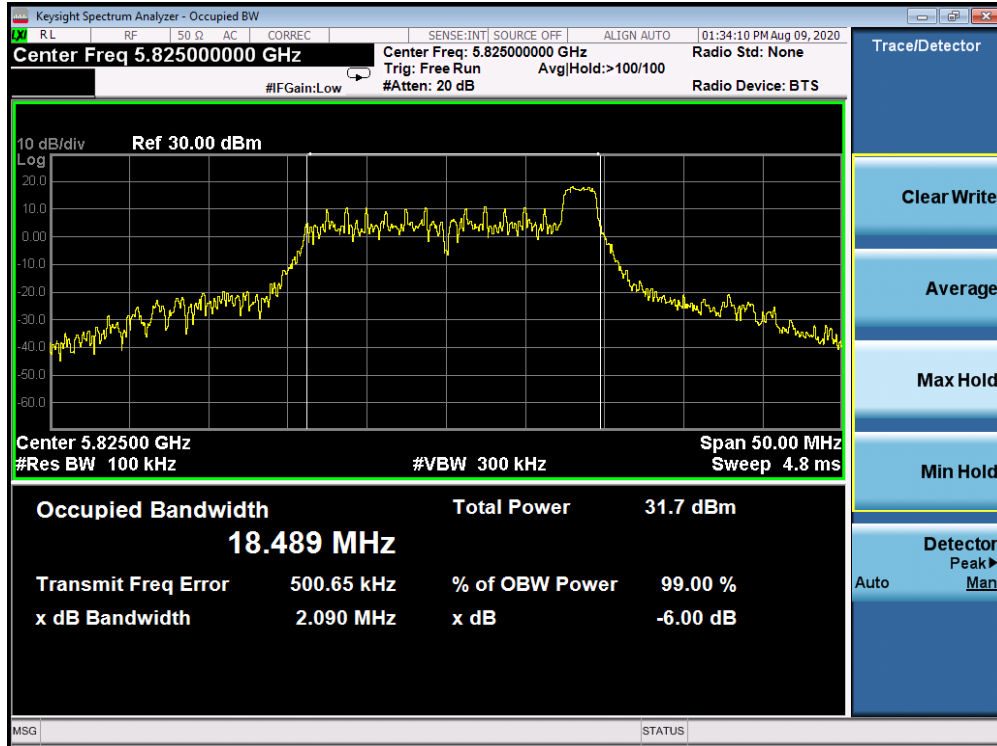


Plot 7-247. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 165)

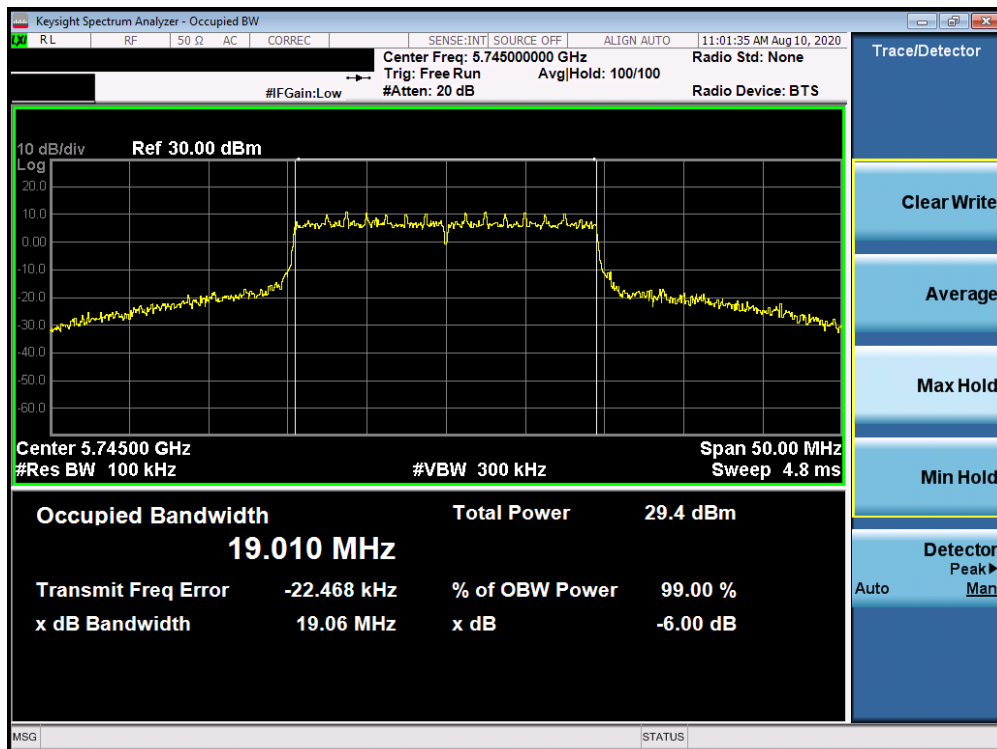


Plot 7-248. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 165)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 147 of 958                 |

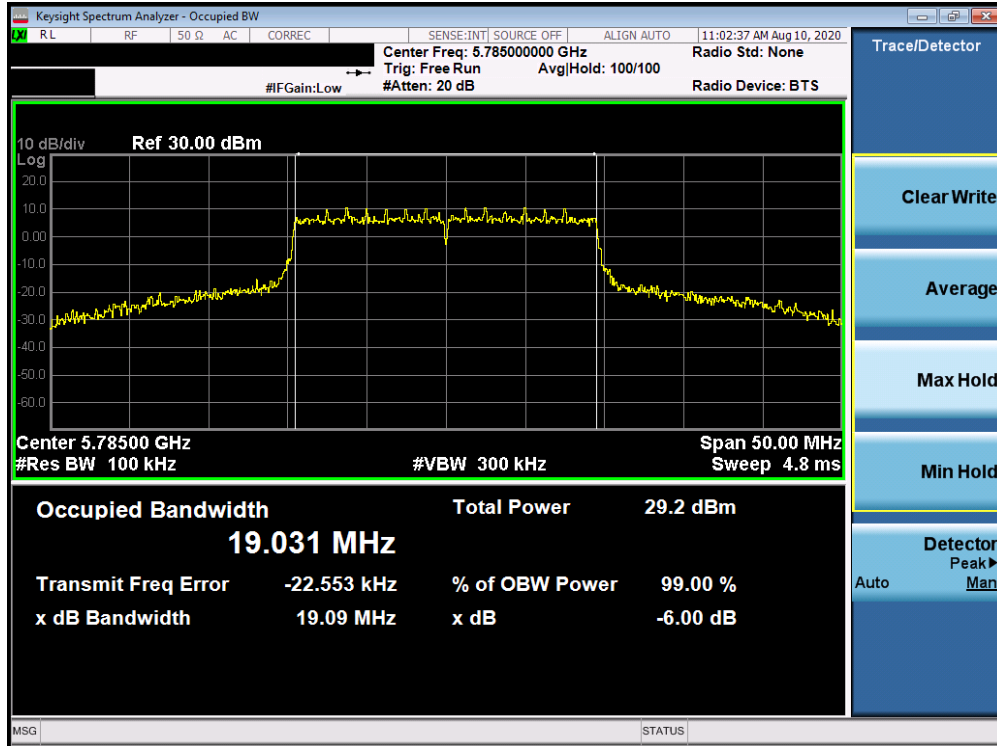


Plot 7-249. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 165)

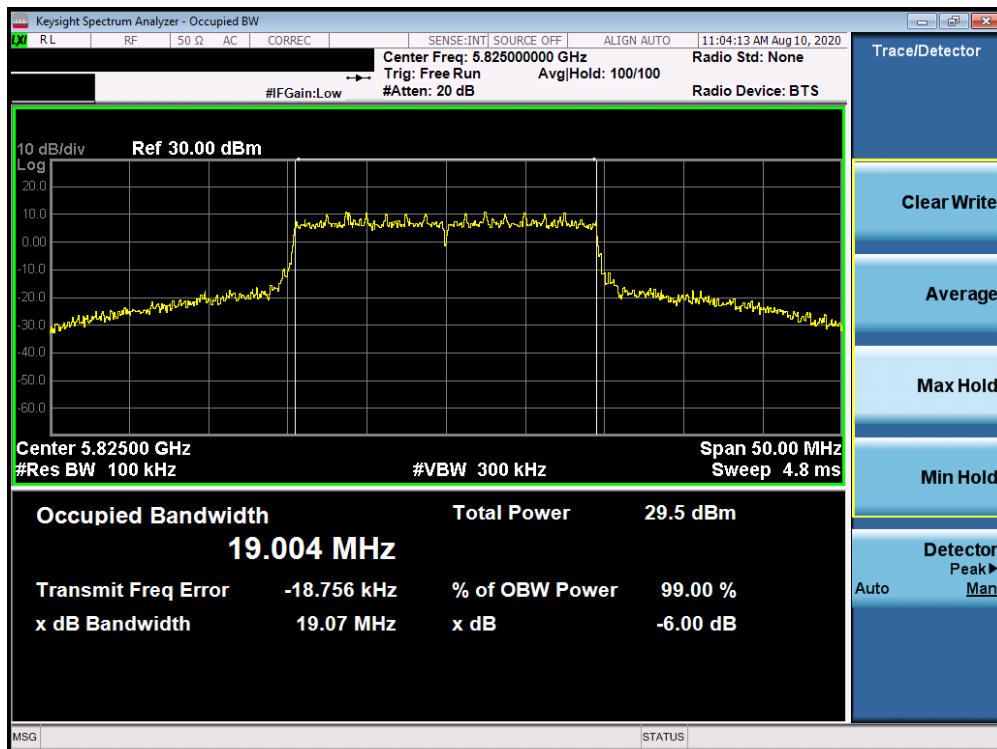


Plot 7-250. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 149)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 148 of 958                 |



Plot 7-251. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax- RU242 (UNII Band 3) – Ch. 157)



Plot 7-252. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax- RU242 (UNII Band 3) – Ch. 165)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 149 of 958                 |

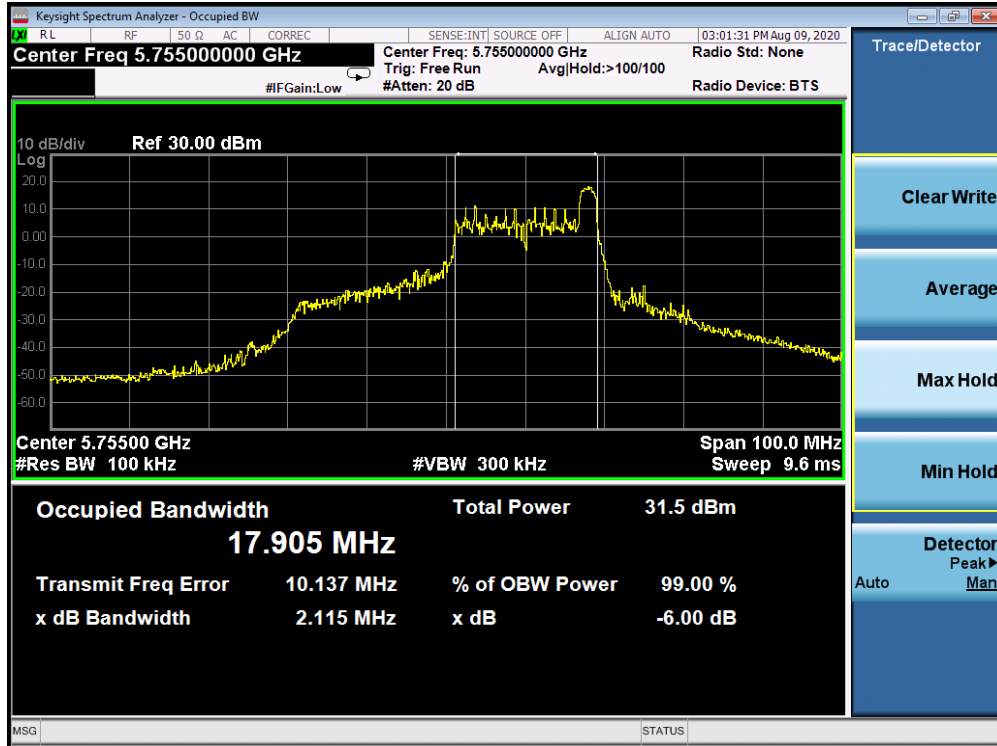


Plot 7-253. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 151)



Plot 7-254. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 151)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 150 of 958                 |



Plot 7-255. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 151)

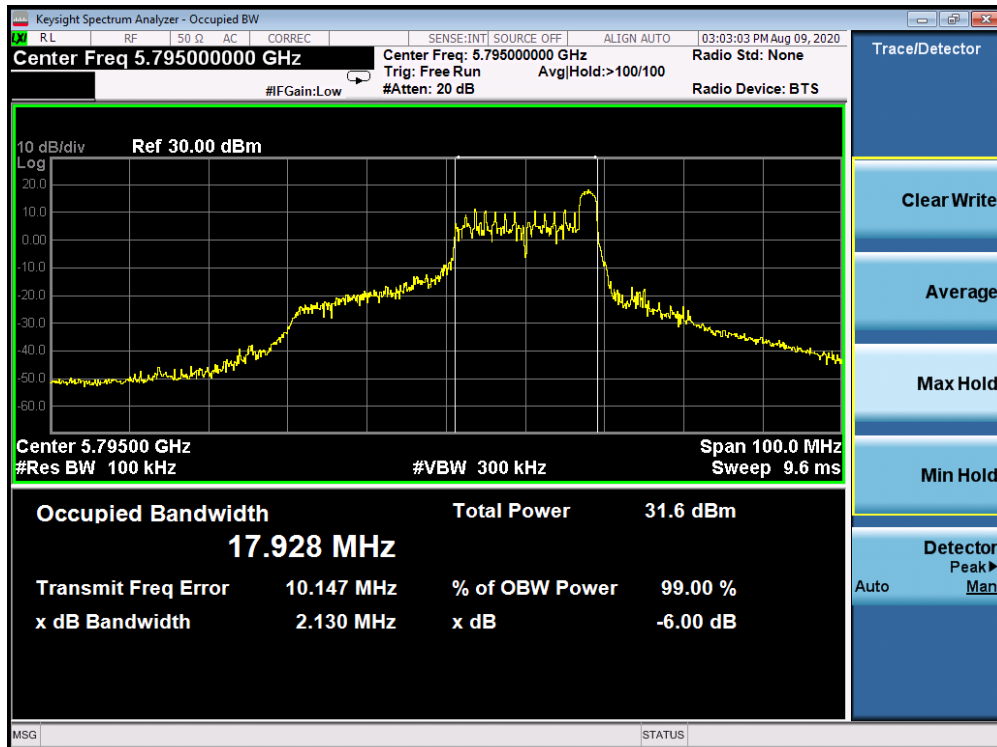


Plot 7-256. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 159)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 151 of 958                 |

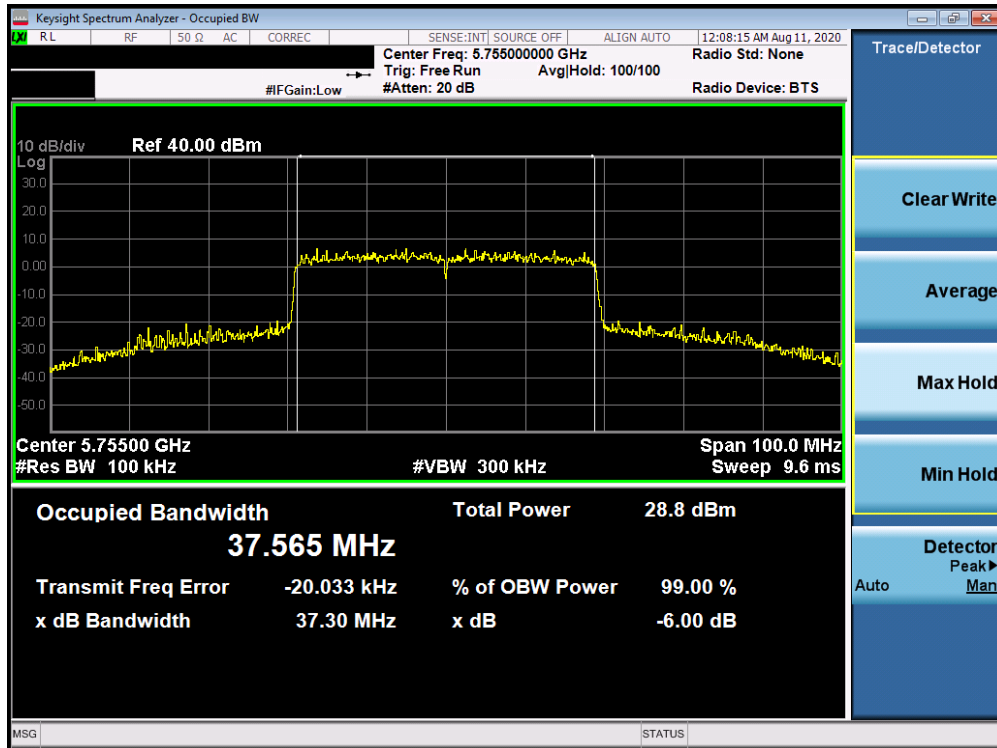


Plot 7-257. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 159)

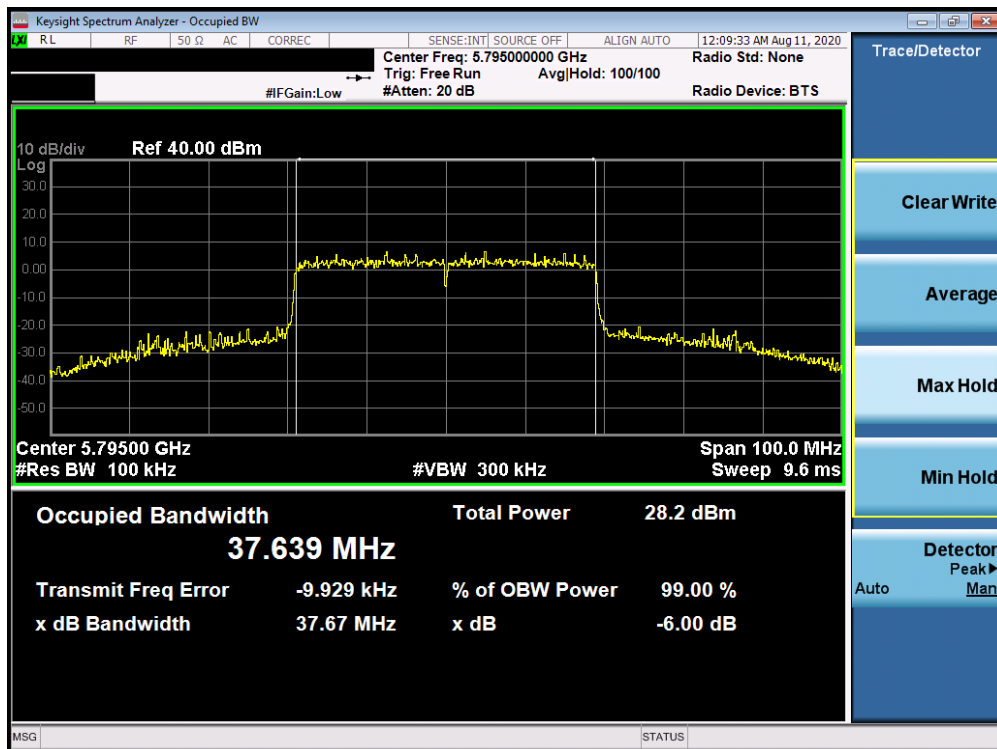


Plot 7-258. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 159)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 152 of 958                 |

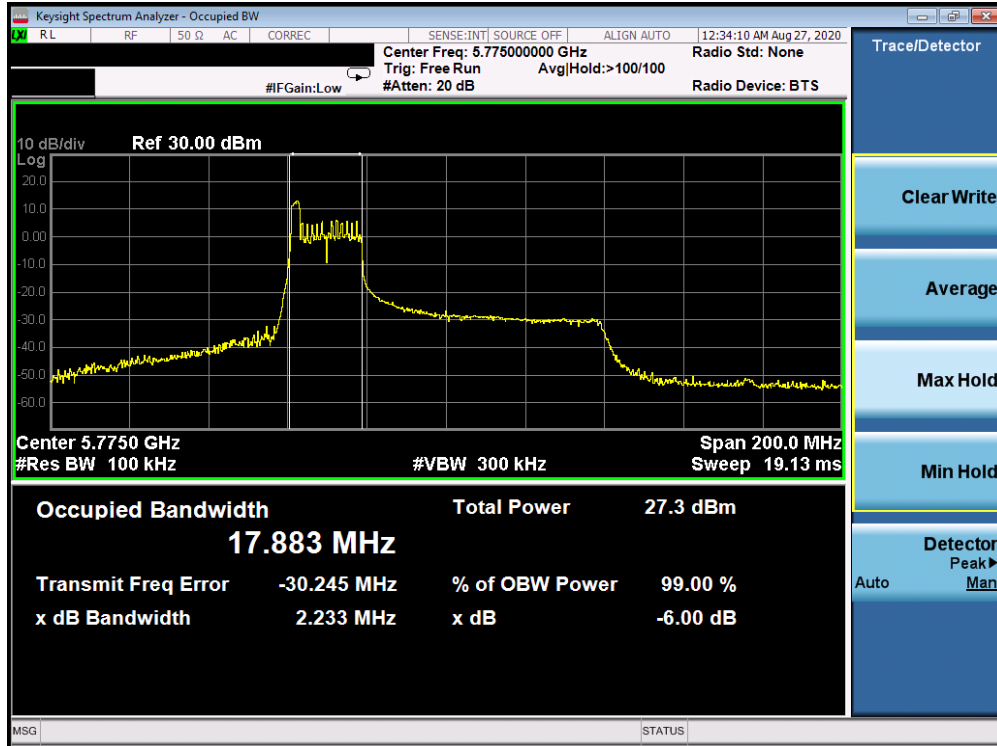


Plot 7-259. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 151)

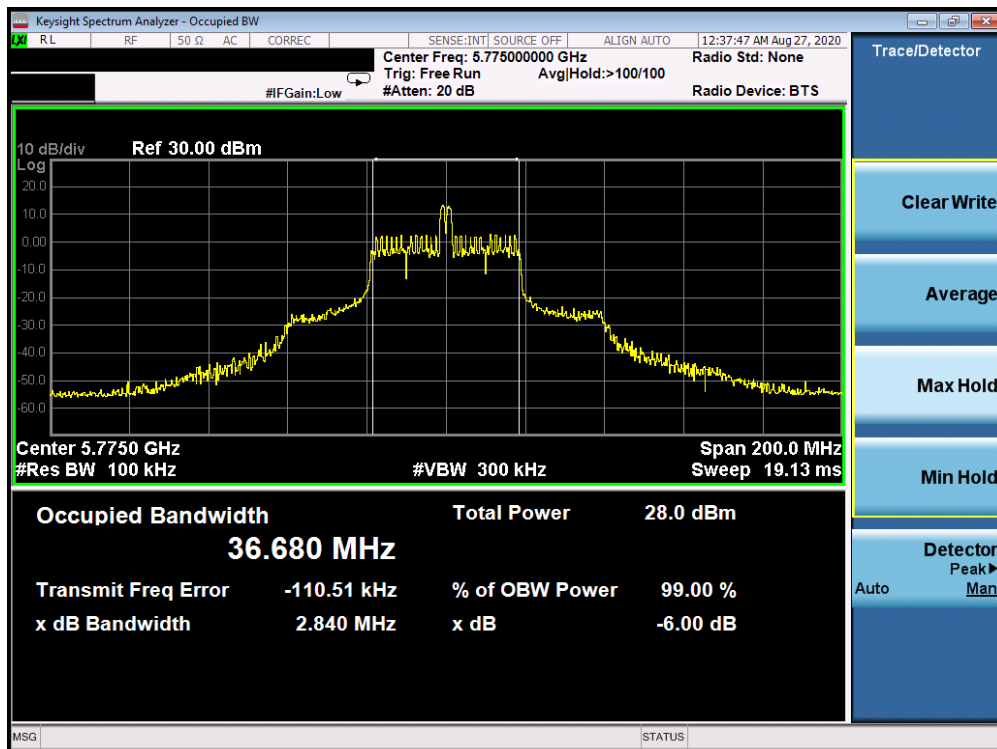


Plot 7-260. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 159)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 153 of 958                 |

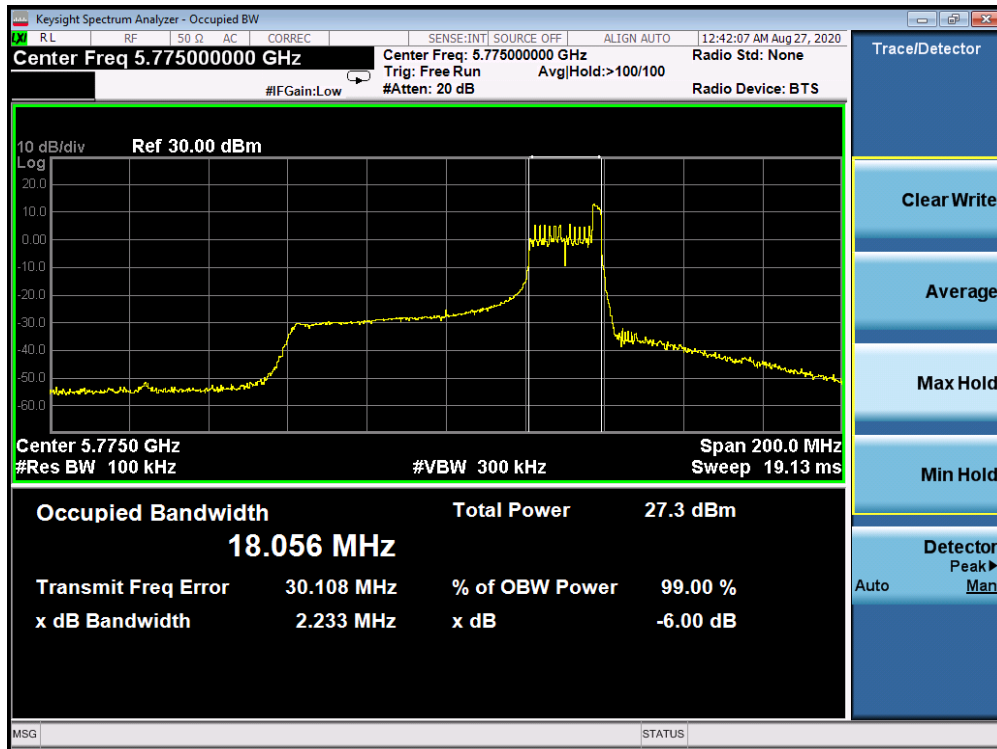


Plot 7-261. 6dB Bandwidth Plot Antenna 2b (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 155)

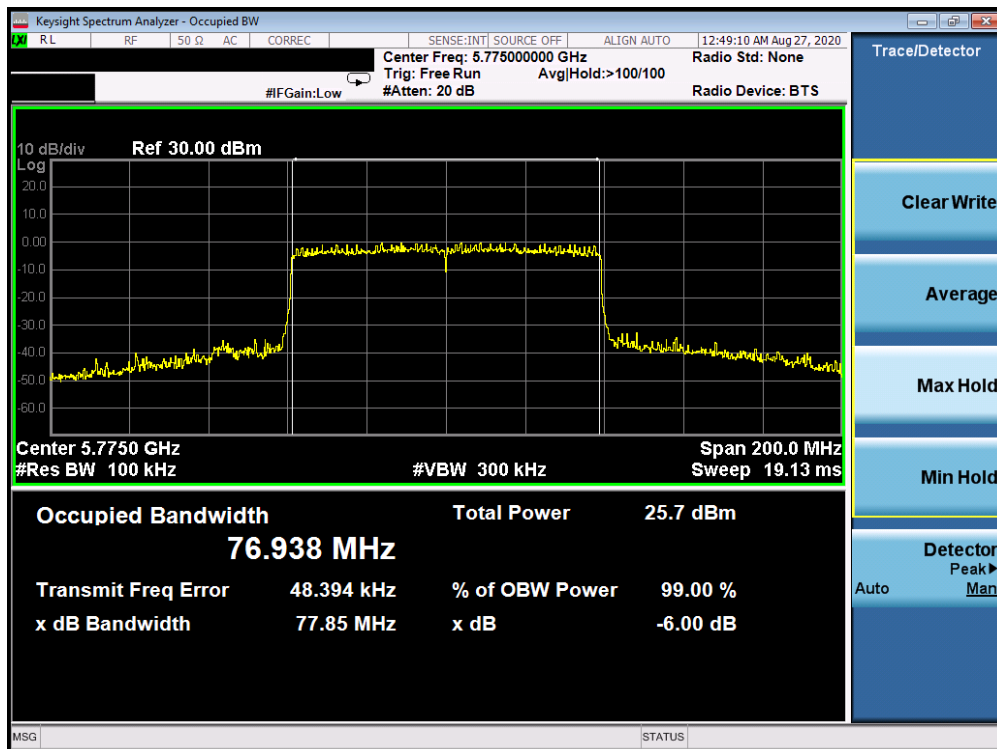


Plot 7-262. 6dB Bandwidth Plot Antenna 2b (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 3) – Ch. 155)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 154 of 958                 |



Plot 7-263. 6dB Bandwidth Plot Antenna 2b (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 3) – Ch. 155)



Plot 7-264. 6dB Bandwidth Plot Antenna 2b (80MHz BW 802.11ax - RU996 (UNII Band 3) – Ch. 155)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 155 of 958                 |

## Antenna 2a 6dB Bandwidth Measurements

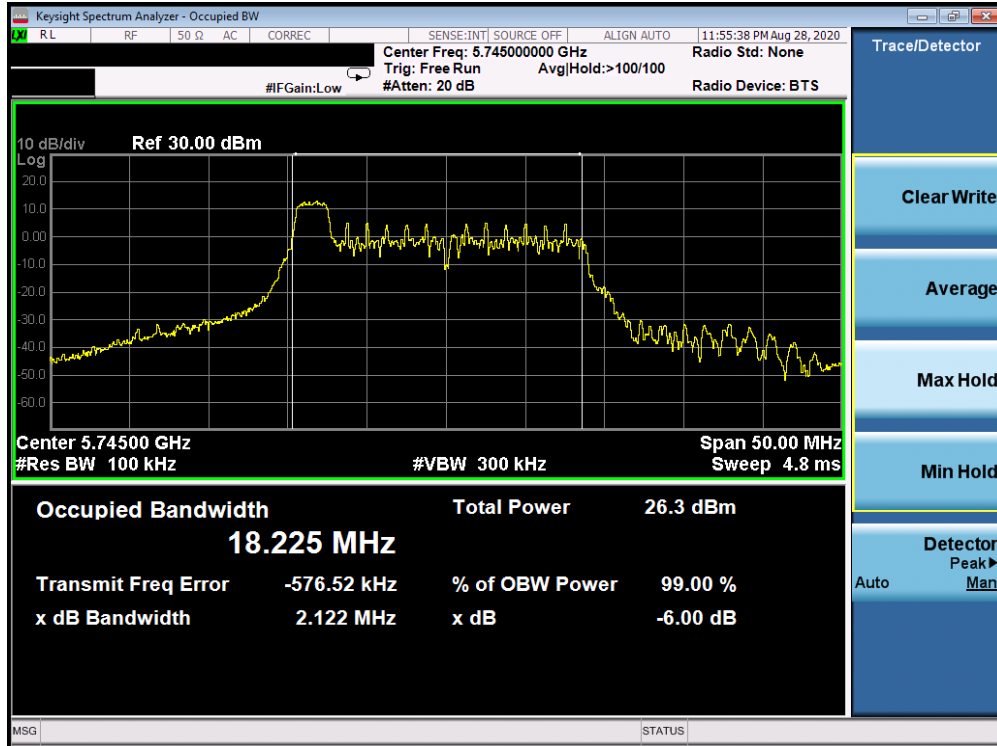
|        | Frequency [MHz] | Channel No. | 802.11 Mode | RU Size | RU Index | Data Rate [Mbps]  | Measured 6dB Bandwidth [MHz] |
|--------|-----------------|-------------|-------------|---------|----------|-------------------|------------------------------|
| Band 3 | 5745            | 149         | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 2.12                         |
|        |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 2.71                         |
|        |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 2.10                         |
|        | 5785            | 157         | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 2.14                         |
|        |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 2.70                         |
|        |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 2.10                         |
|        | 5825            | 165         | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 2.15                         |
|        |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 2.72                         |
|        |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 2.14                         |
|        | 5755            | 151         | ax (40MHz)  | 26      | 0        | 271/286.8 (MCS11) | 2.10                         |
|        |                 |             |             | 26      | 8        | 271/286.8 (MCS11) | 2.14                         |
|        |                 |             |             | 26      | 17       | 271/286.8 (MCS11) | 2.05                         |
|        | 5795            | 159         | ax (40MHz)  | 26      | 0        | 271/286.8 (MCS11) | 2.13                         |
|        |                 |             |             | 26      | 8        | 271/286.8 (MCS11) | 2.16                         |
|        |                 |             |             | 26      | 17       | 271/286.8 (MCS11) | 2.13                         |
|        | 5775            | 155         | ax (80MHz)  | 26      | 0        | 567/600.5 (MCS11) | 2.23                         |
|        |                 |             |             | 26      | 18       | 567/600.5 (MCS11) | 2.90                         |
|        |                 |             |             | 26      | 36       | 567/600.5 (MCS11) | 2.22                         |

Table 7-10. Conducted Bandwidth Measurements Antenna 2a (RU26)

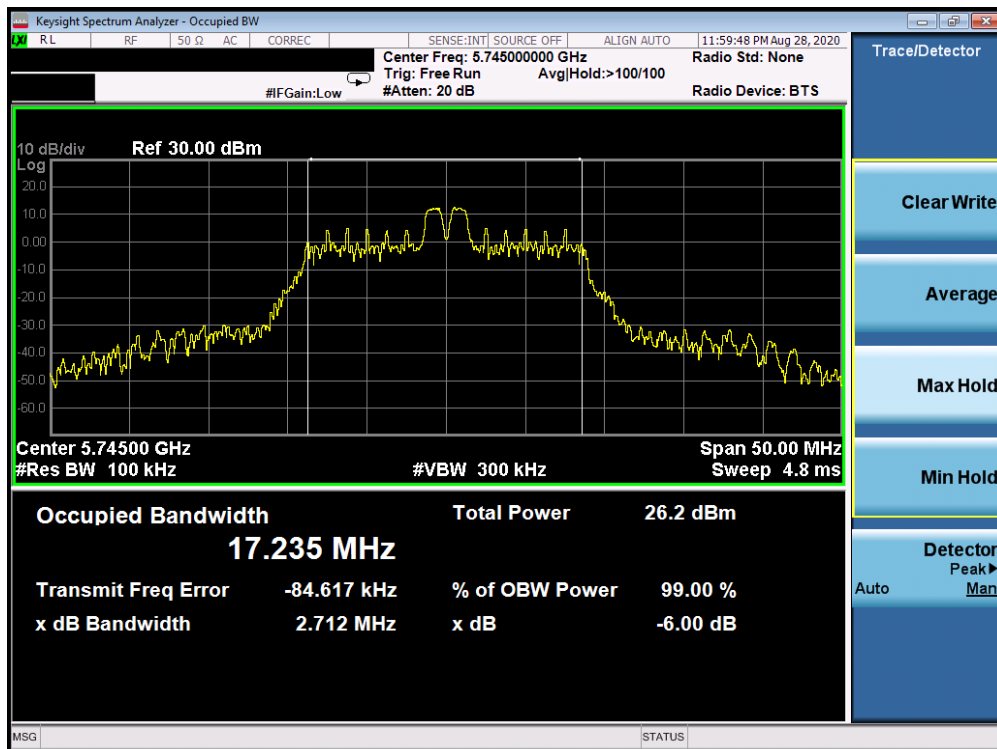
|        | Frequency [MHz] | Channel No. | 802.11 Mode | RU Size | RU Index | Data Rate [Mbps]  | Measured 6dB Bandwidth [MHz] |
|--------|-----------------|-------------|-------------|---------|----------|-------------------|------------------------------|
| Band 3 | 5745            | 149         | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 18.96                        |
|        | 5785            | 157         | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 19.10                        |
|        | 5825            | 165         | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 19.13                        |
|        | 5755            | 151         | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | 37.55                        |
|        | 5795            | 159         | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | 37.91                        |
|        | 5775            | 155         | ax (80MHz)  | 996     | 67       | 567/600.5 (MCS11) | 77.74                        |

Table 7-11. Conducted Bandwidth Measurements Antenna 2a (Fully-loaded RU)

|                                         |                                                                                                                               |                            |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT (CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                        | EUT Type:<br>Tablet Device | Page 156 of 958                 |

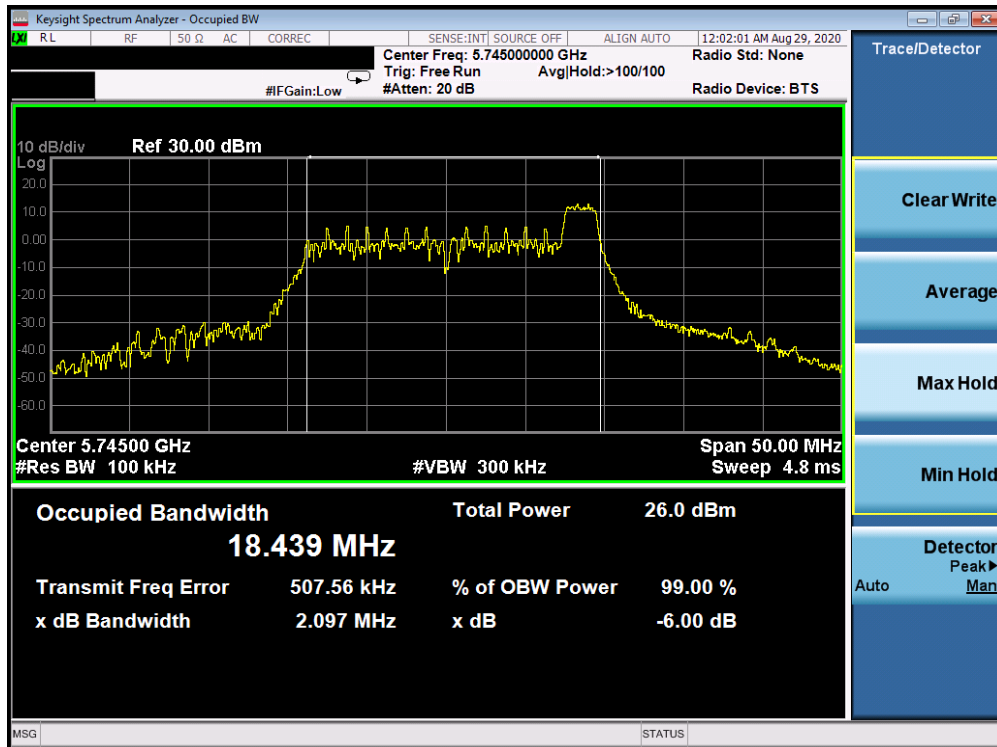


Plot 7-265. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 149)

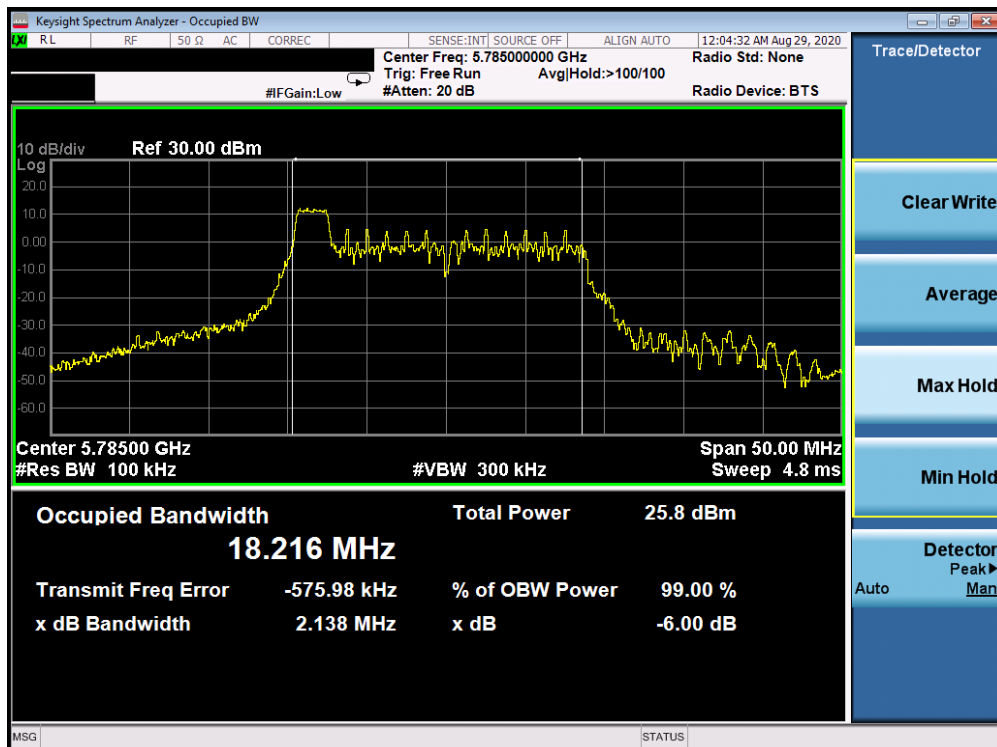


Plot 7-266. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 149)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 157 of 958                 |

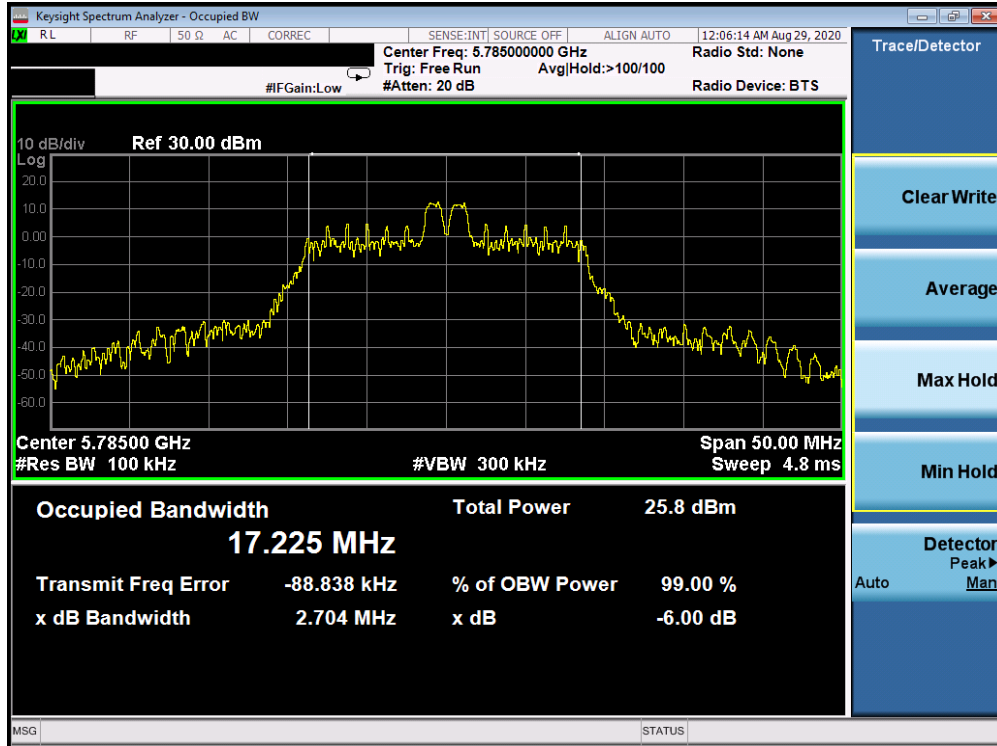


Plot 7-267. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 149)

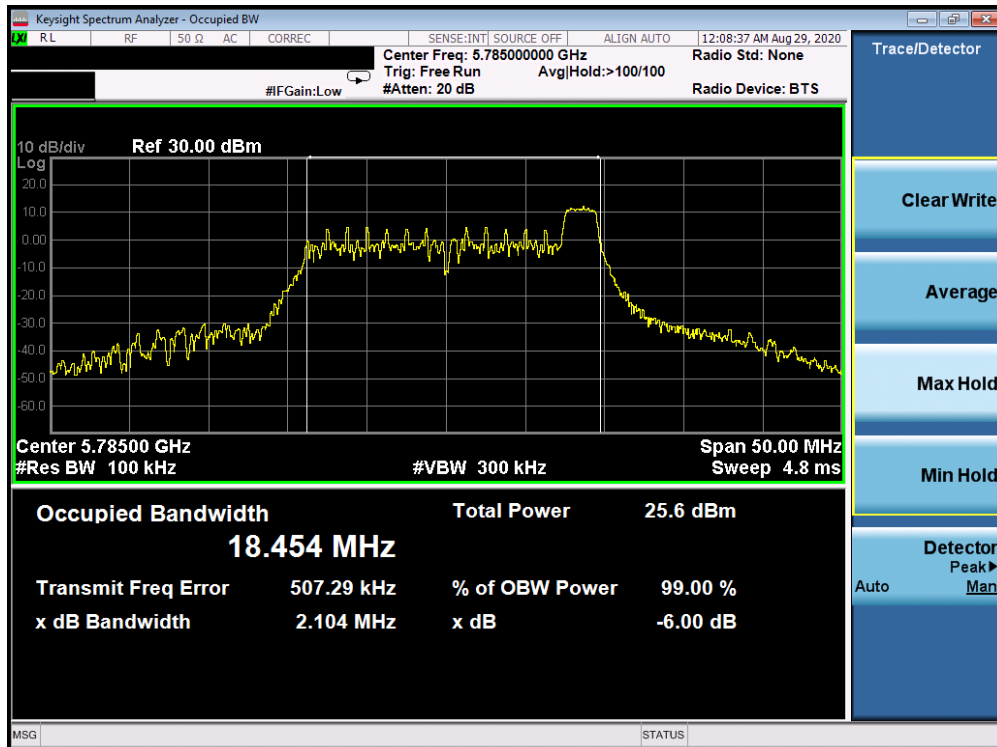


Plot 7-268. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 157)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 158 of 958                 |

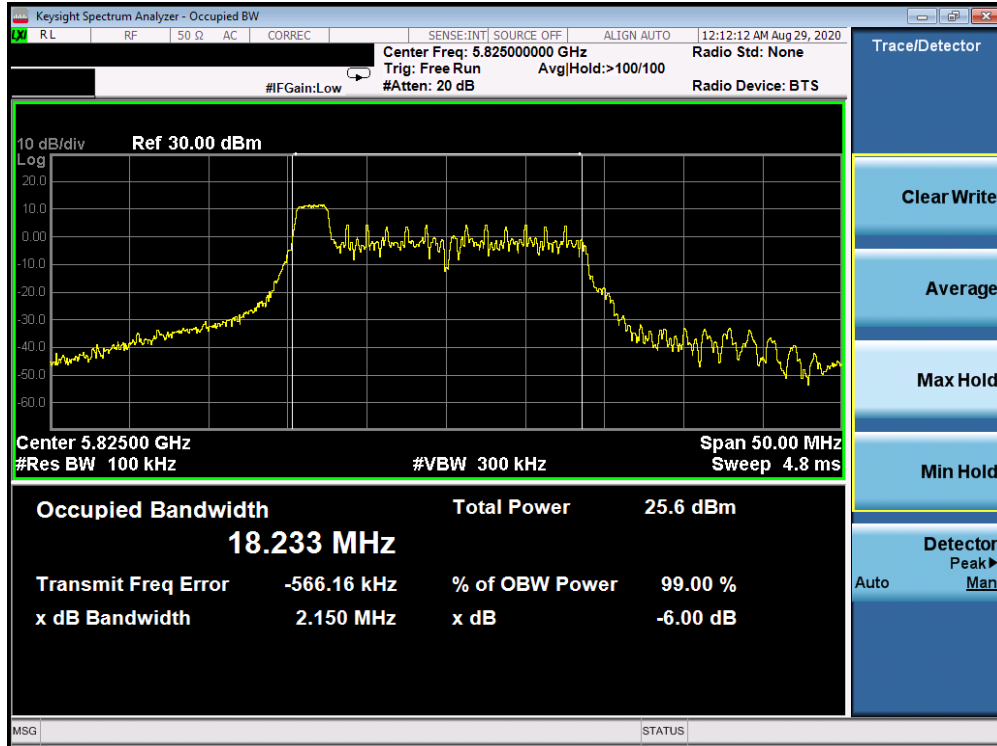


Plot 7-269. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 157)

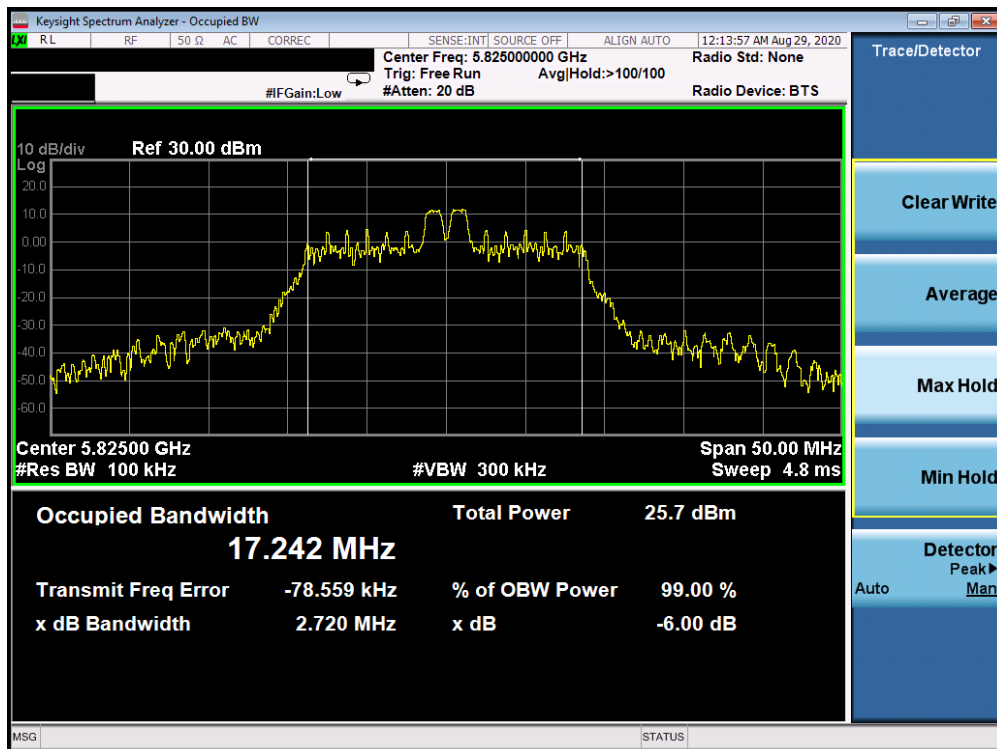


Plot 7-270. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 8– RU26 (UNII Band 3) – Ch. 157)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 159 of 958                 |

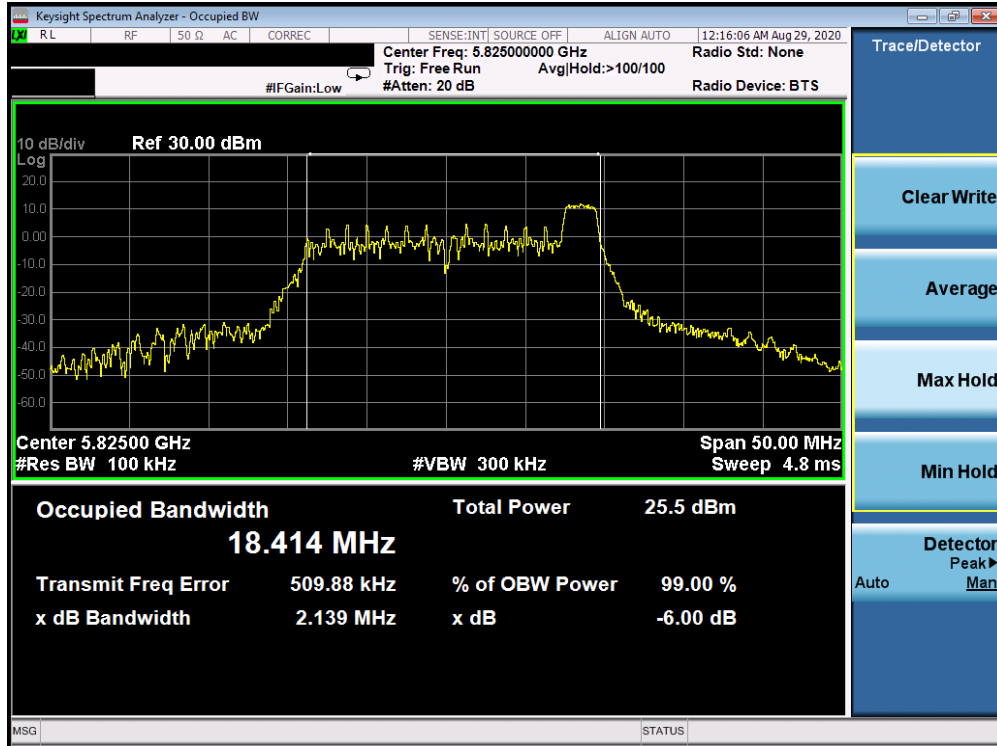


Plot 7-271. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 165)

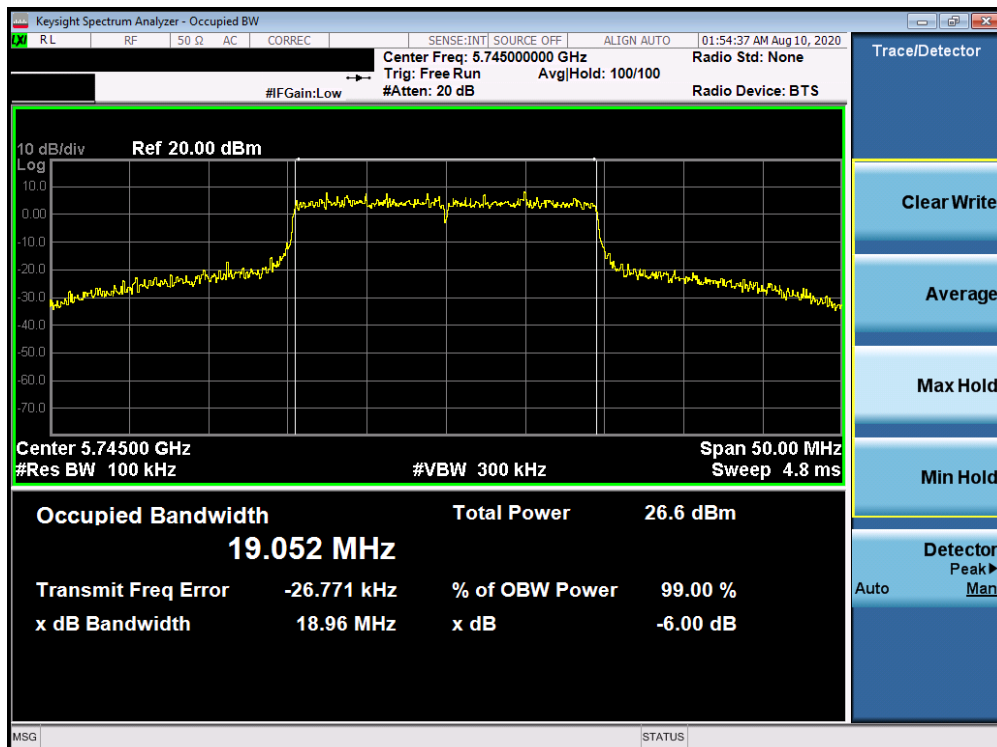


Plot 7-272. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 165)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 160 of 958                 |

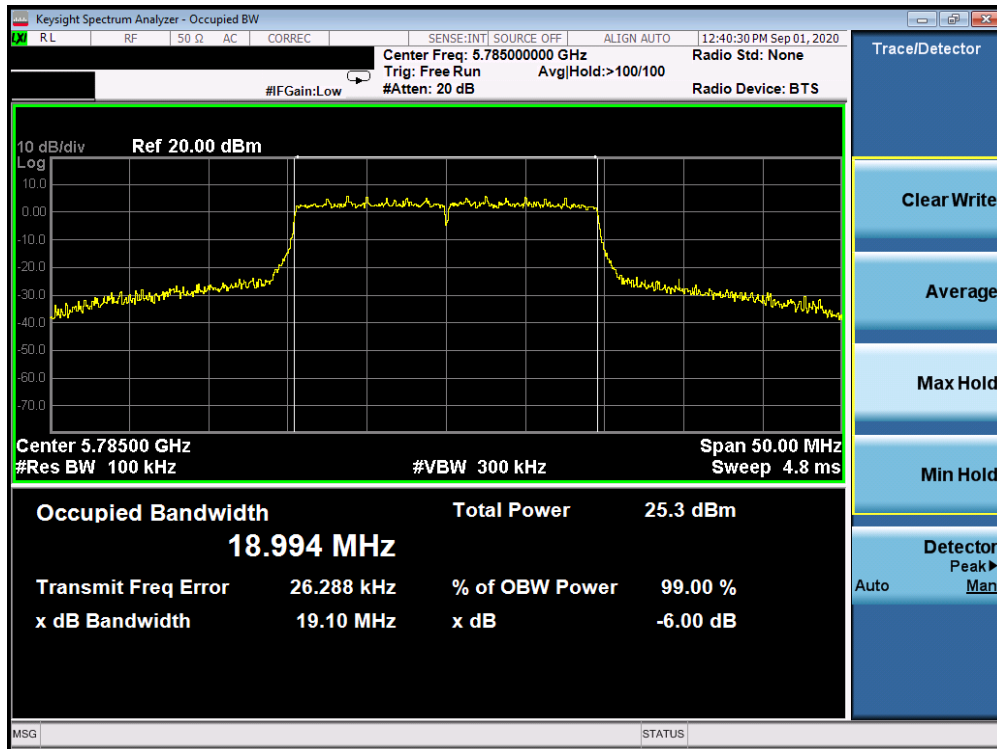


Plot 7-273. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 165)

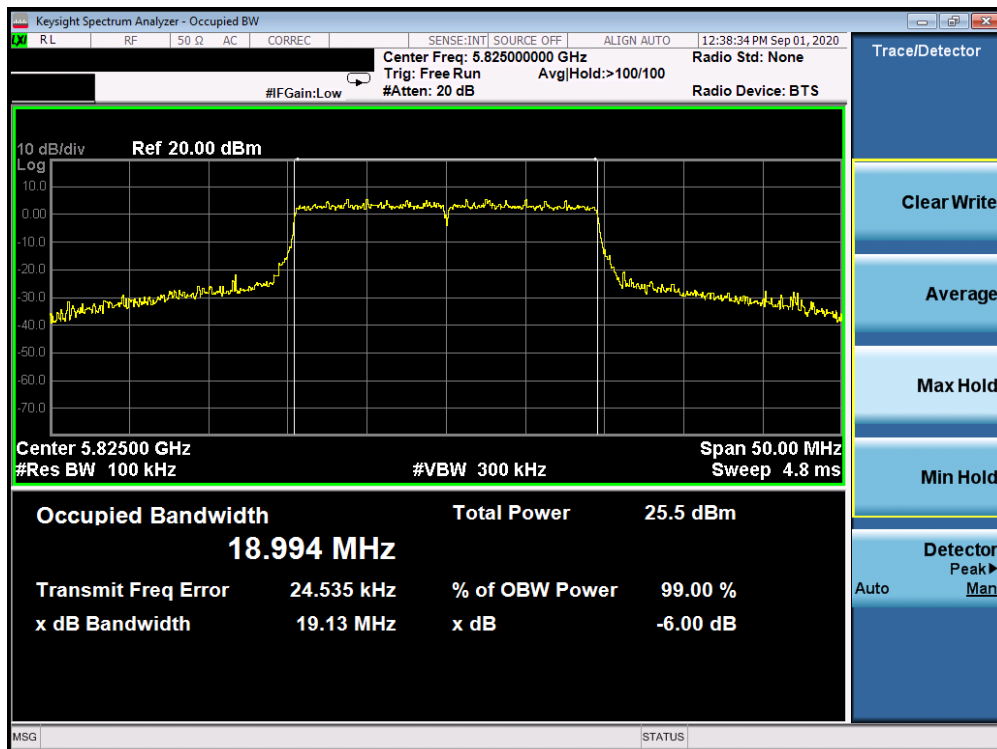


Plot 7-274. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 149)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 161 of 958                 |

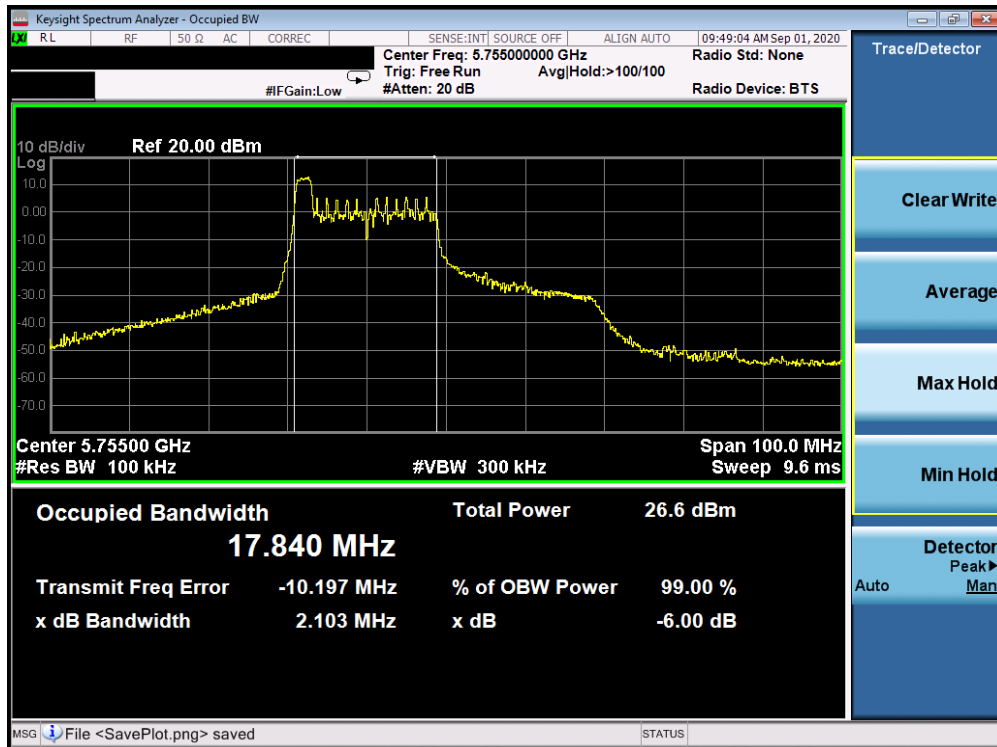


Plot 7-275. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax- RU242 (UNII Band 3) - Ch. 157)

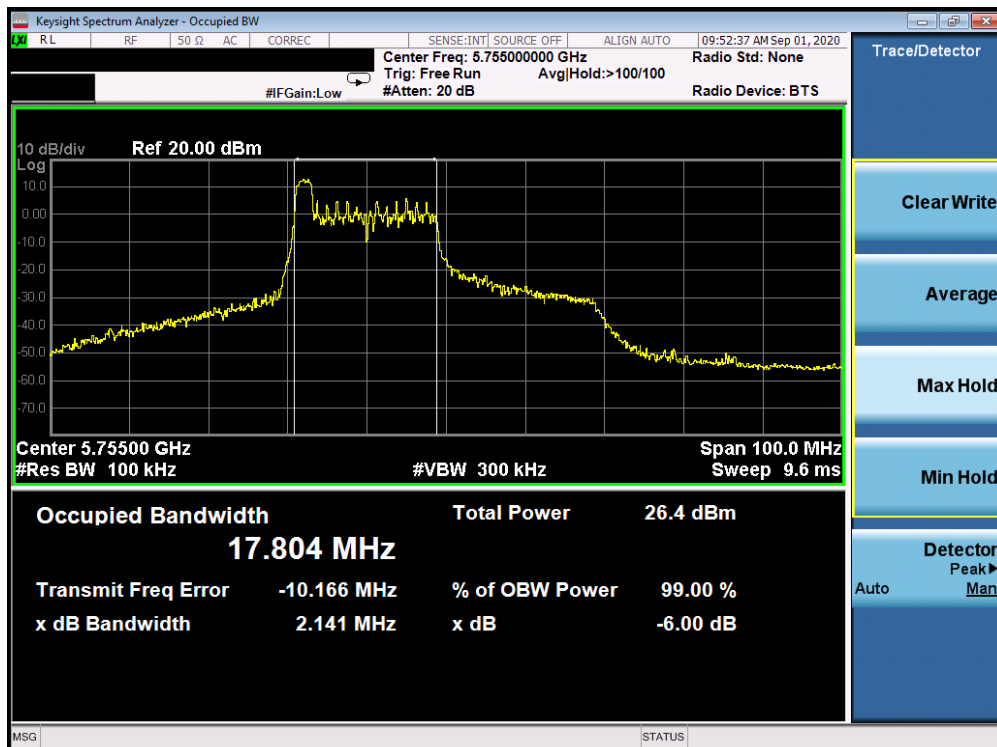


Plot 7-276. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax- RU242 (UNII Band 3) - Ch. 165)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 162 of 958                 |

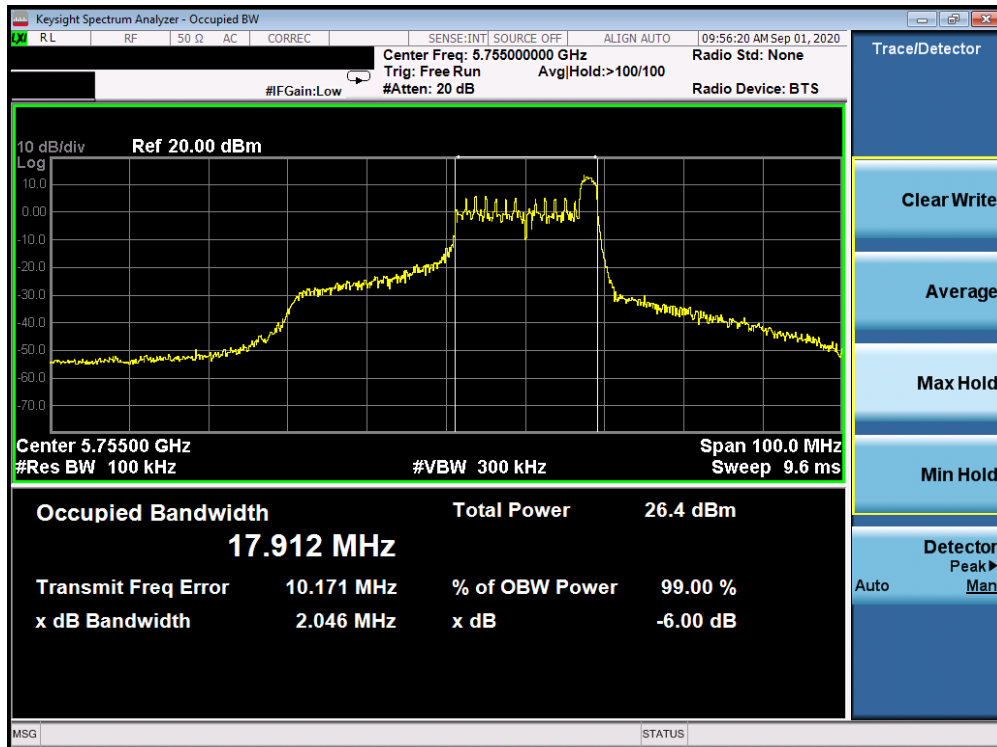


Plot 7-277. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 151)

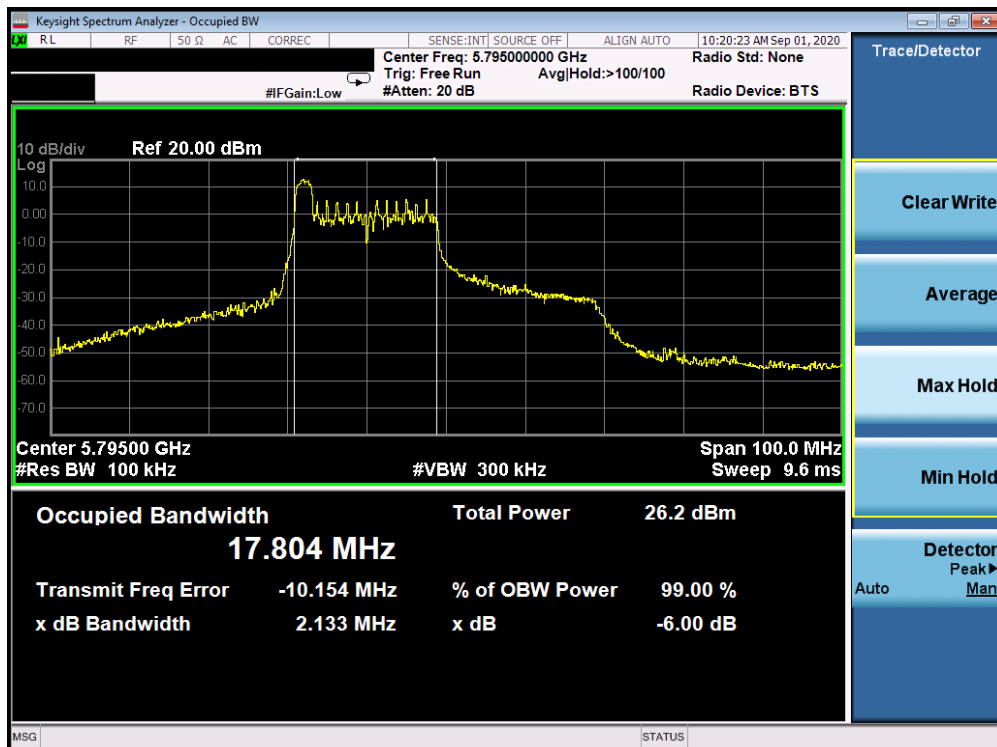


Plot 7-278. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 151)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 163 of 958                 |



Plot 7-279. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 151)

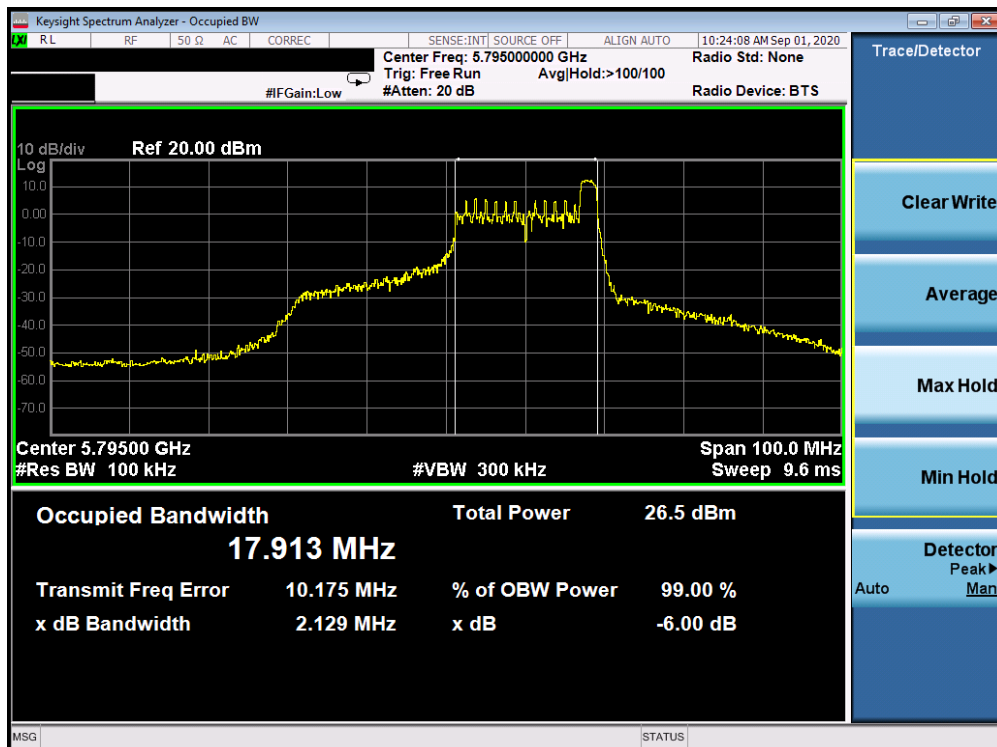


Plot 7-280. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 159)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 164 of 958                 |

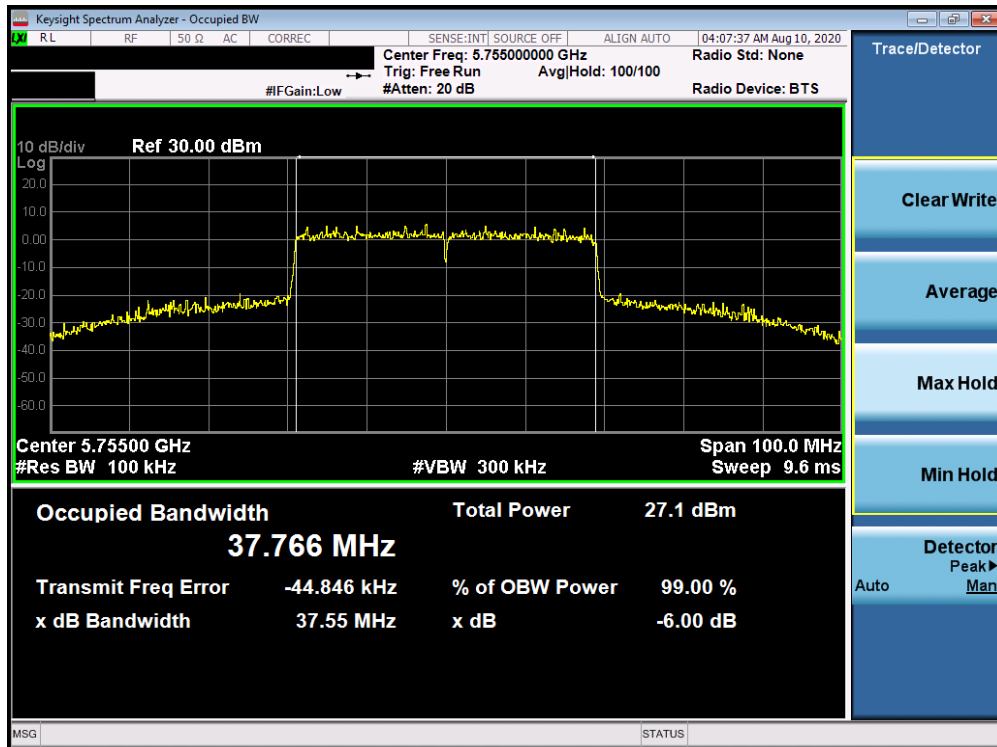


Plot 7-281. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 159)

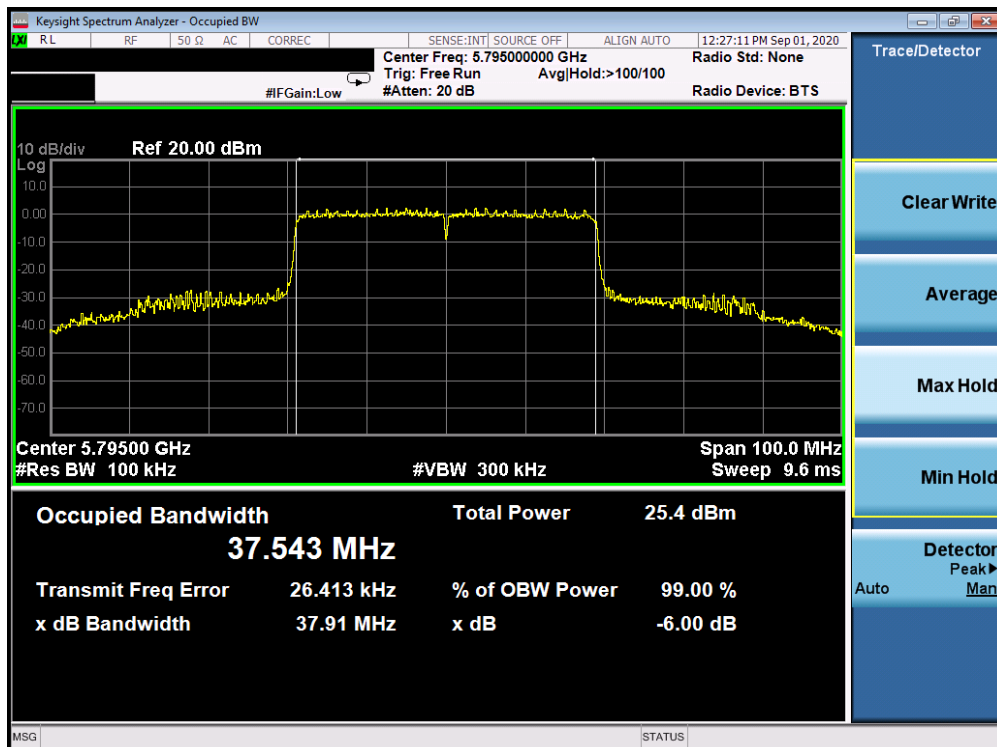


Plot 7-282. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 159)

|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 165 of 958                 |



Plot 7-283. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 151)

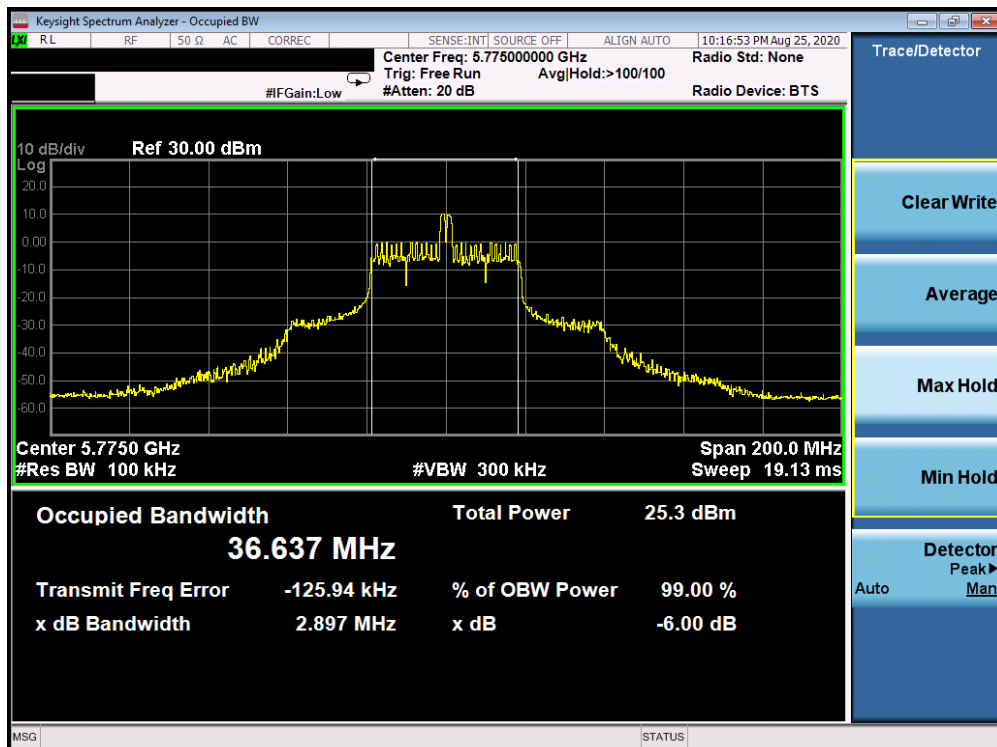


Plot 7-284. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 159)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 166 of 958                 |

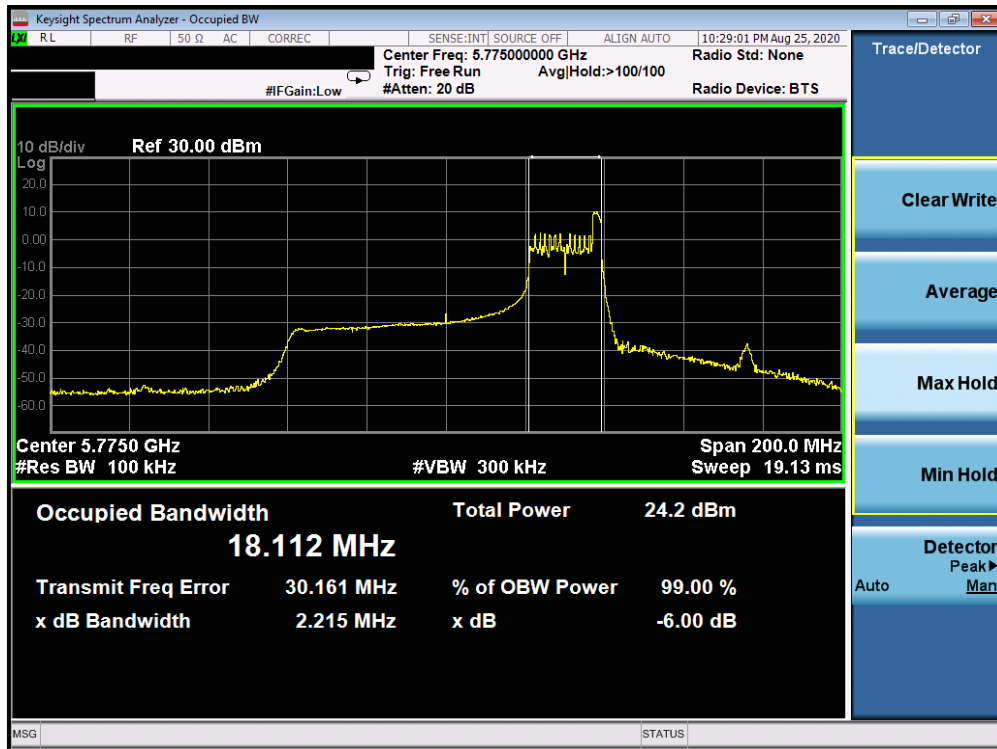


Plot 7-285. 6dB Bandwidth Plot Antenna 2a (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 155)

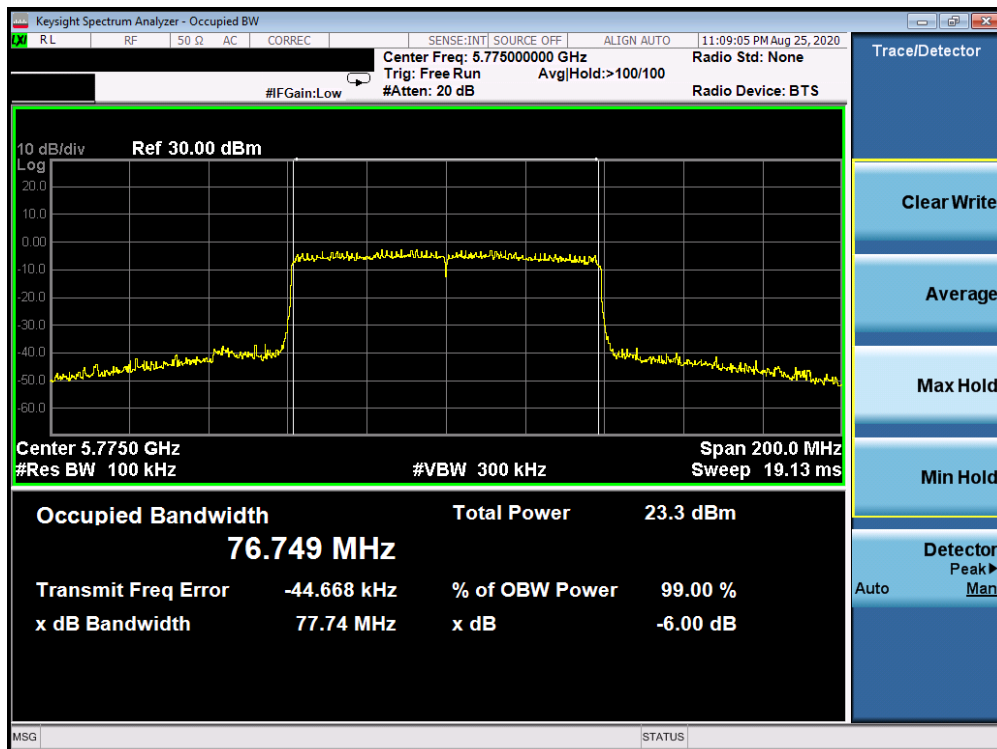


Plot 7-286. 6dB Bandwidth Plot Antenna 2a (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 3) – Ch. 155)

|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 167 of 958                 |



Plot 7-287. 6dB Bandwidth Plot Antenna 2a (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 3) – Ch. 155)



Plot 7-288. 6dB Bandwidth Plot Antenna 2a (80MHz BW 802.11ax – RU996 (UNII Band 3) – Ch. 155)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 168 of 958                 |

## Antenna 1b 6dB Bandwidth Measurements

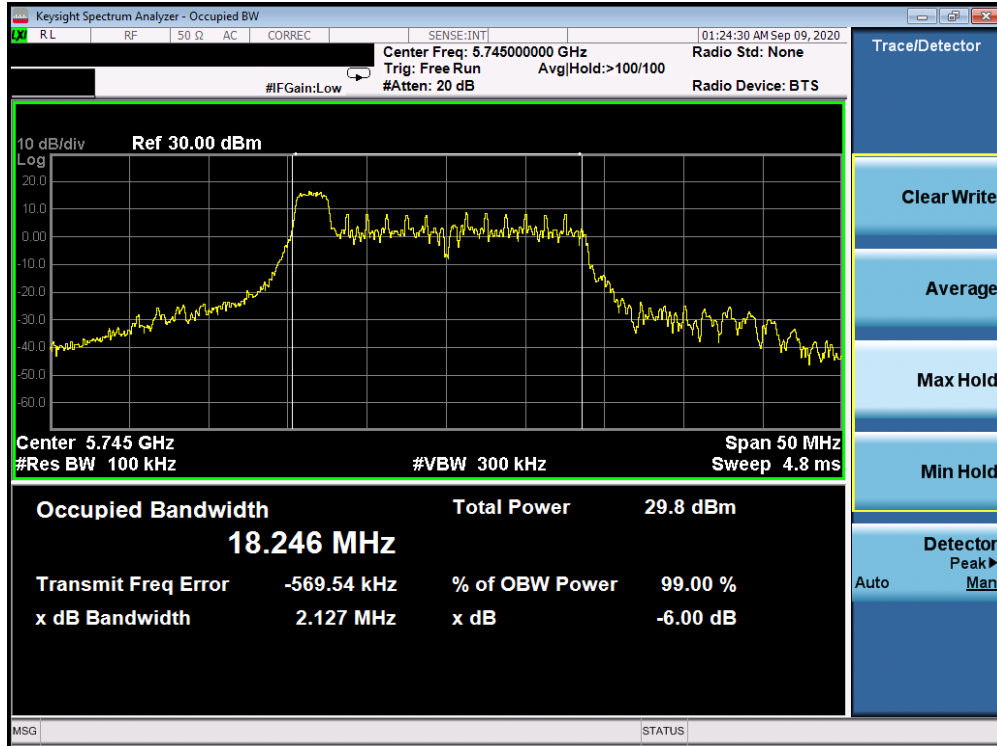
|        | Frequency [MHz] | Channel No. | 802.11 Mode | RU Size | RU Index | Data Rate [Mbps]  | Measured 6dB Bandwidth [MHz] |
|--------|-----------------|-------------|-------------|---------|----------|-------------------|------------------------------|
| Band 3 | 5745            | 149         | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 2.13                         |
|        |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 2.72                         |
|        |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 2.12                         |
|        | 5785            | 157         | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 2.13                         |
|        |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 2.72                         |
|        |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 2.09                         |
|        | 5825            | 165         | ax (20MHz)  | 26      | 0        | 135/143.4 (MCS11) | 2.14                         |
|        |                 |             |             | 26      | 4        | 135/143.4 (MCS11) | 2.73                         |
|        |                 |             |             | 26      | 8        | 135/143.4 (MCS11) | 2.15                         |
|        | 5755            | 151         | ax (40MHz)  | 26      | 0        | 271/286.8 (MCS11) | 2.12                         |
|        |                 |             |             | 26      | 4        | 271/286.8 (MCS11) | 2.15                         |
|        |                 |             |             | 26      | 8        | 271/286.8 (MCS11) | 2.07                         |
|        | 5795            | 159         | ax (40MHz)  | 26      | 0        | 271/286.8 (MCS11) | 2.13                         |
|        |                 |             |             | 26      | 4        | 271/286.8 (MCS11) | 2.18                         |
|        |                 |             |             | 26      | 8        | 271/286.8 (MCS11) | 2.16                         |
|        | 5775            | 155         | ax (80MHz)  | 26      | 0        | 567/600.5 (MCS11) | 2.56                         |
|        |                 |             |             | 26      | 4        | 567/600.5 (MCS11) | 2.85                         |
|        |                 |             |             | 26      | 8        | 567/600.5 (MCS11) | 2.20                         |

Table 7-12. Conducted Bandwidth Measurements Antenna 1b (RU26)

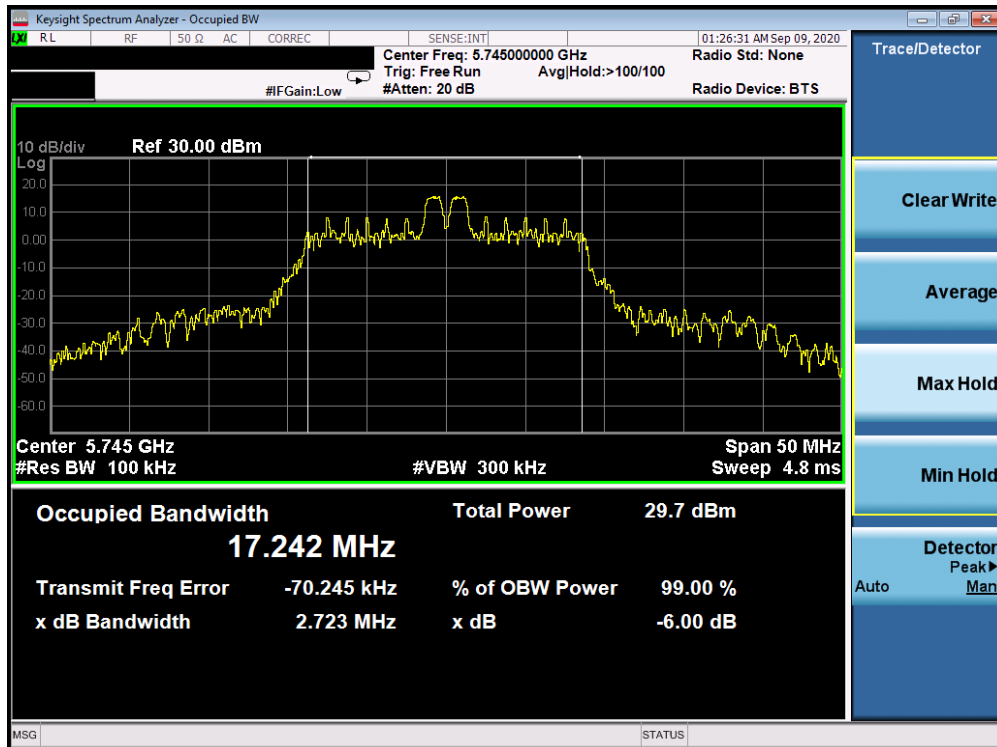
|        | Frequency [MHz] | Channel No. | 802.11 Mode | RU Size | RU Index | Data Rate [Mbps]  | Measured 6dB Bandwidth [MHz] |
|--------|-----------------|-------------|-------------|---------|----------|-------------------|------------------------------|
| Band 3 | 5745            | 149         | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 18.92                        |
|        | 5785            | 157         | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 19.09                        |
|        | 5825            | 165         | ax (20MHz)  | 242     | 61       | 135/143.4 (MCS11) | 19.01                        |
|        | 5755            | 151         | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | 37.65                        |
|        | 5795            | 159         | ax (40MHz)  | 484     | 65       | 271/286.8 (MCS11) | 37.52                        |
|        | 5775            | 155         | ax (80MHz)  | 996     | 67       | 567/600.5 (MCS11) | 77.59                        |

Table 7-13. Conducted Bandwidth Measurements Antenna 1b (Fully-loaded RU)

|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 169 of 958                 |

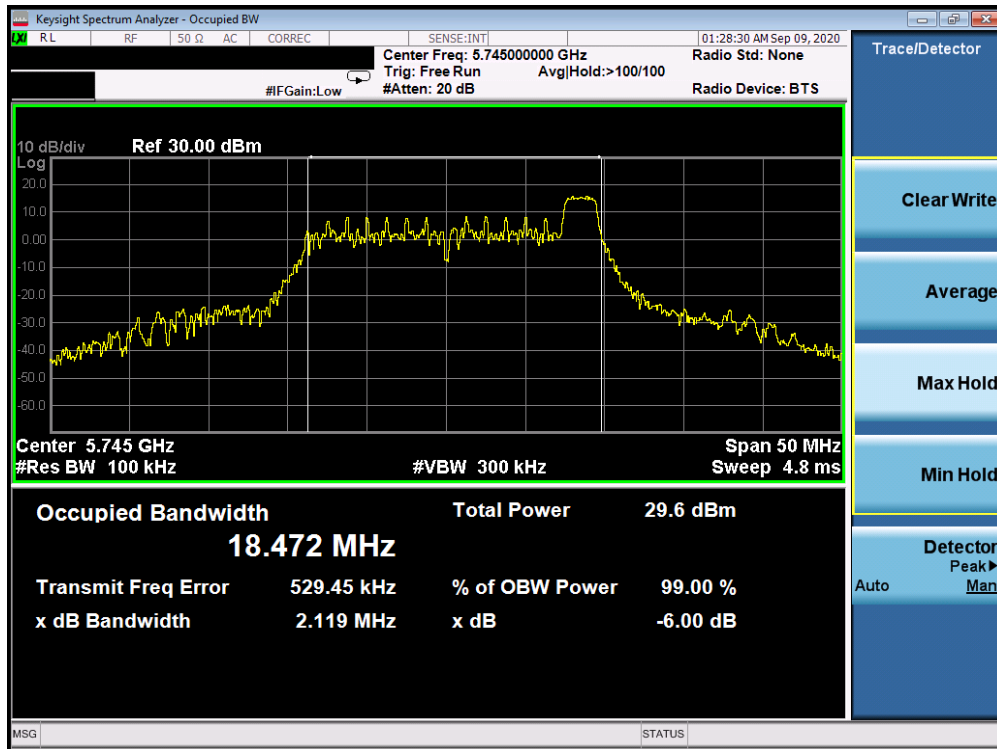


Plot 7-289. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 149)

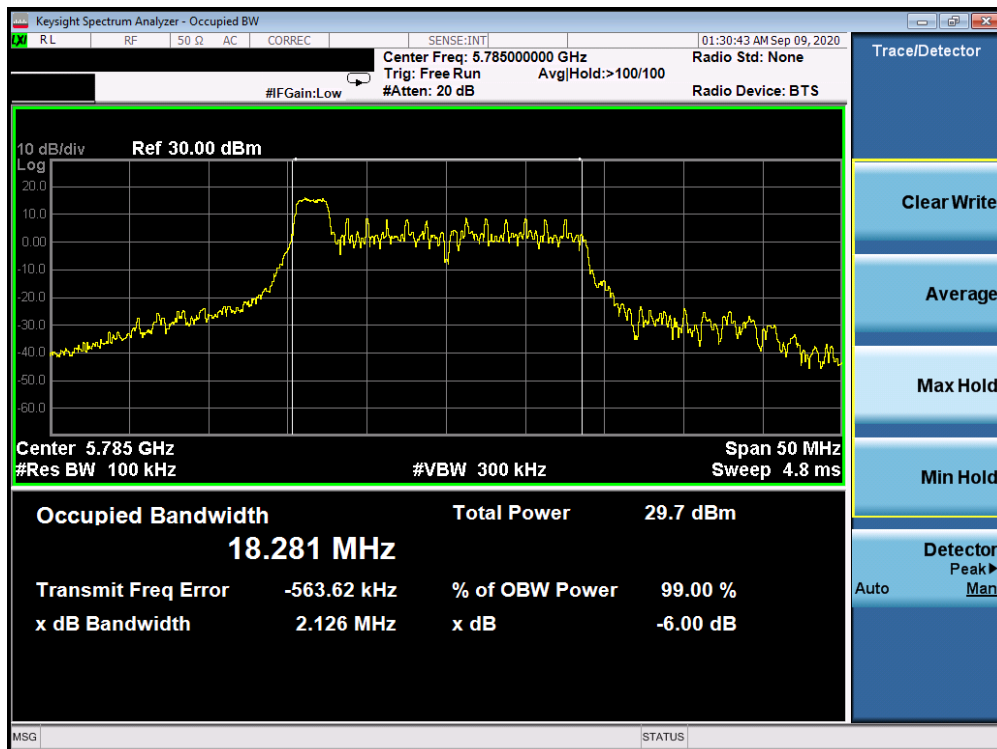


Plot 7-290. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 149)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 170 of 958                 |

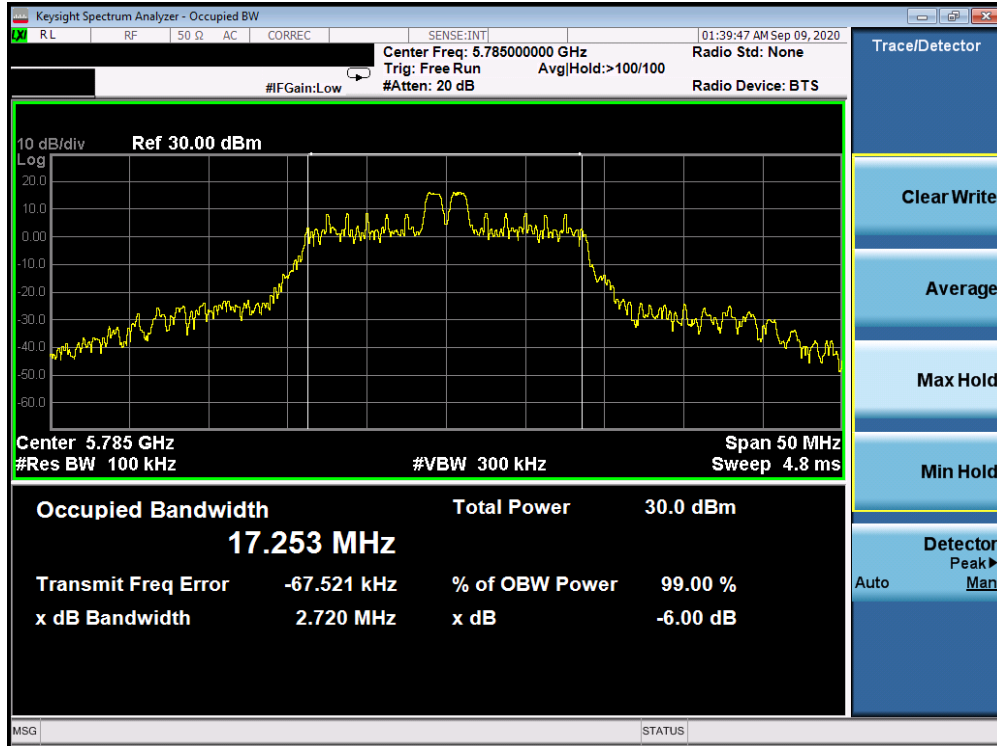


Plot 7-291. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 149)

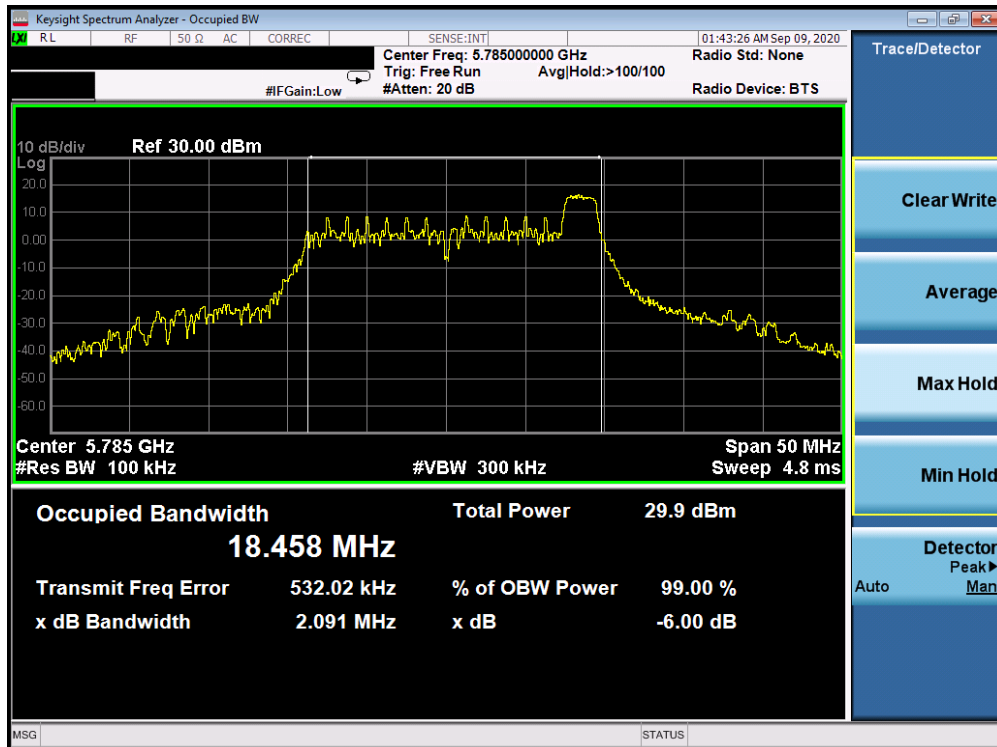


Plot 7-292. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 157)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 171 of 958                 |

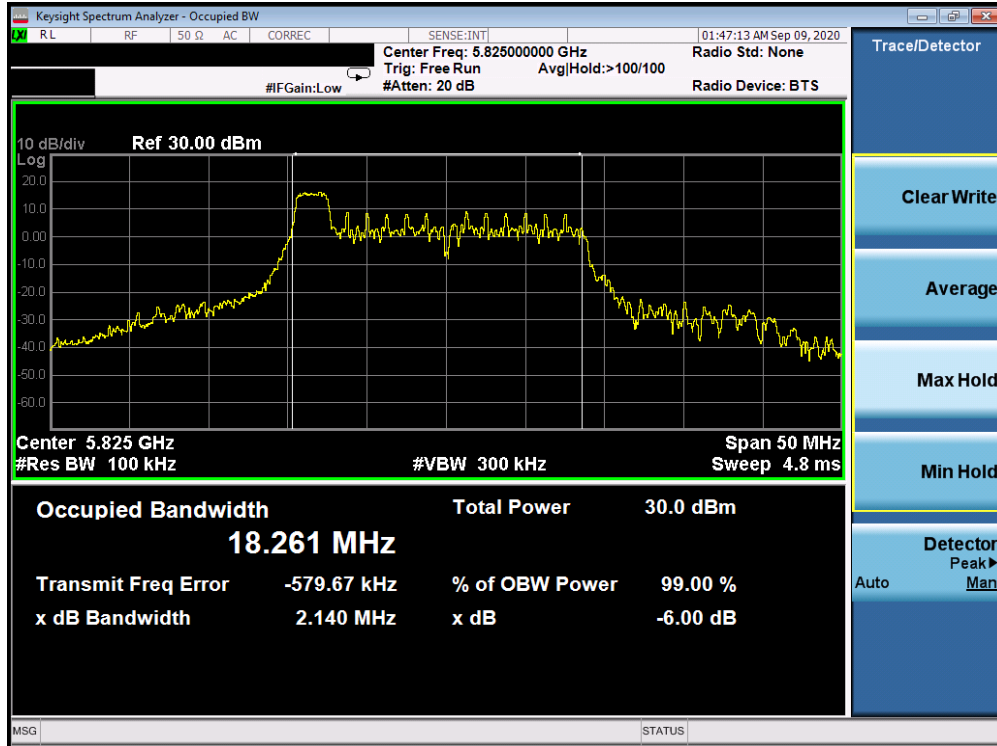


Plot 7-293. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 157)

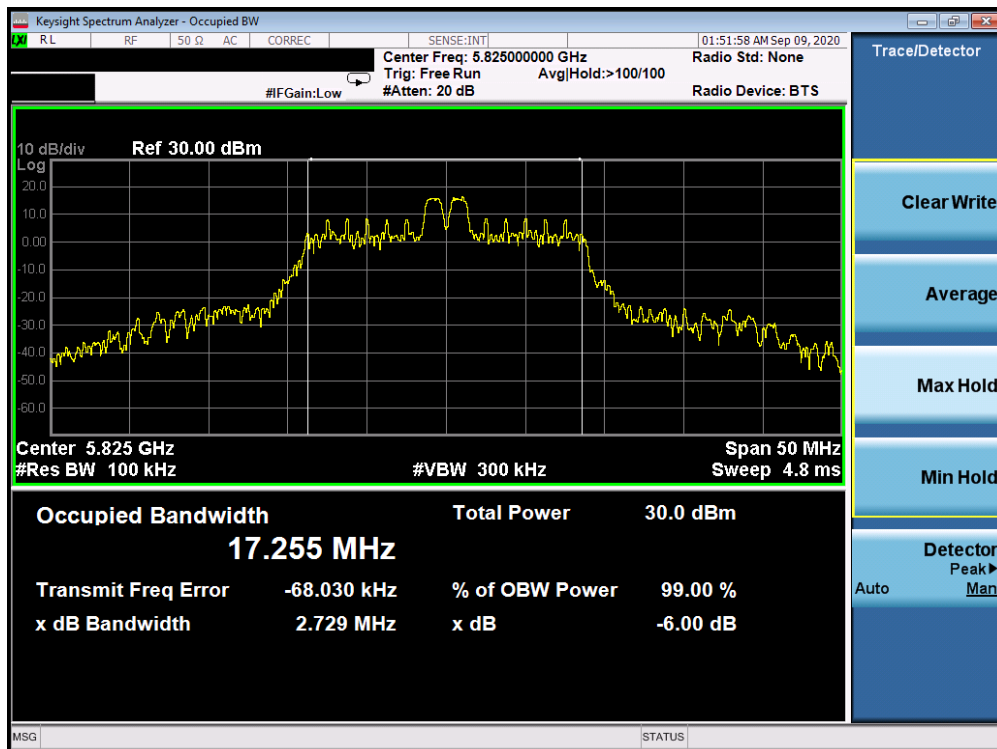


Plot 7-294. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8– RU26 (UNII Band 3) – Ch. 157)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 172 of 958                 |

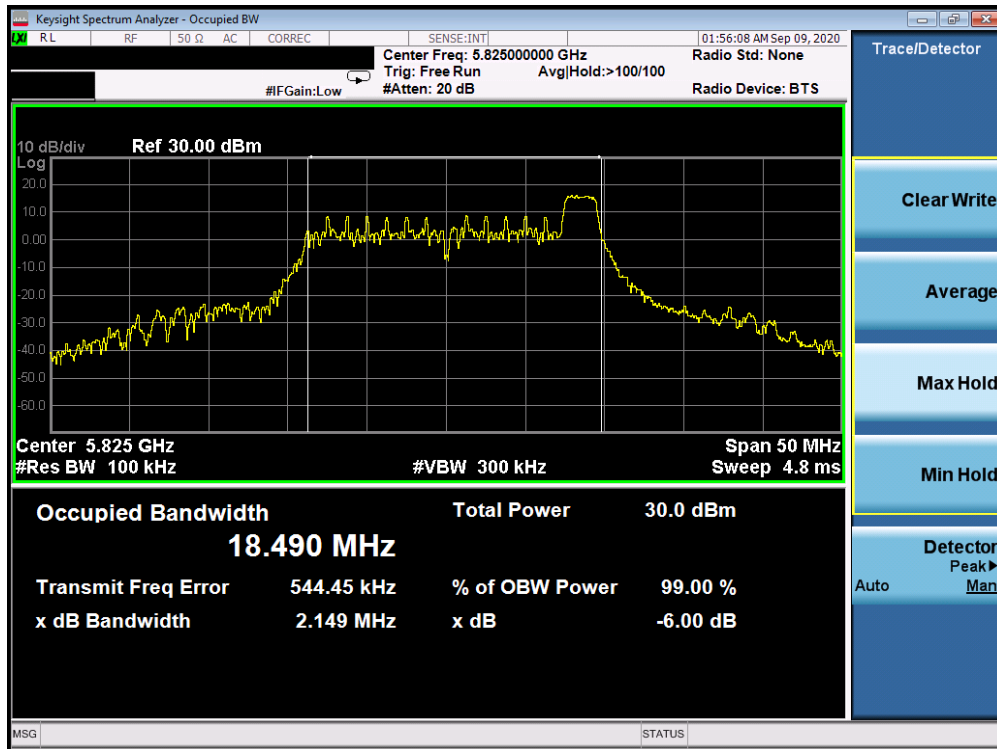


Plot 7-295. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 165)21

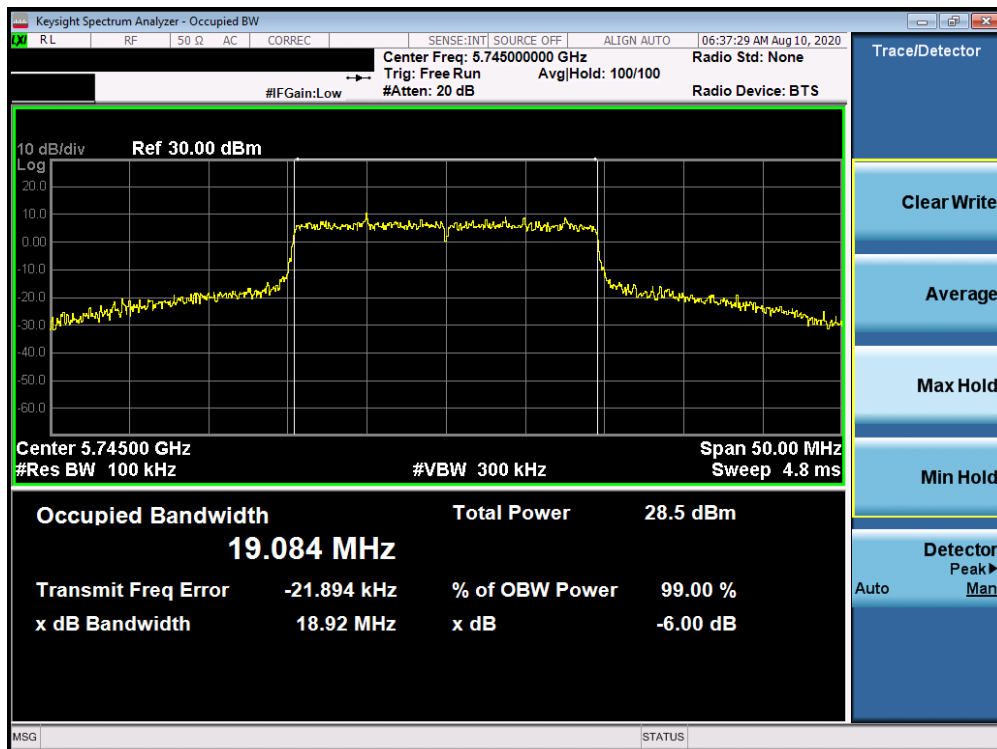


Plot 7-296. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 165)

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                              | EUT Type:<br>Tablet Device            | Page 173 of 958                 |

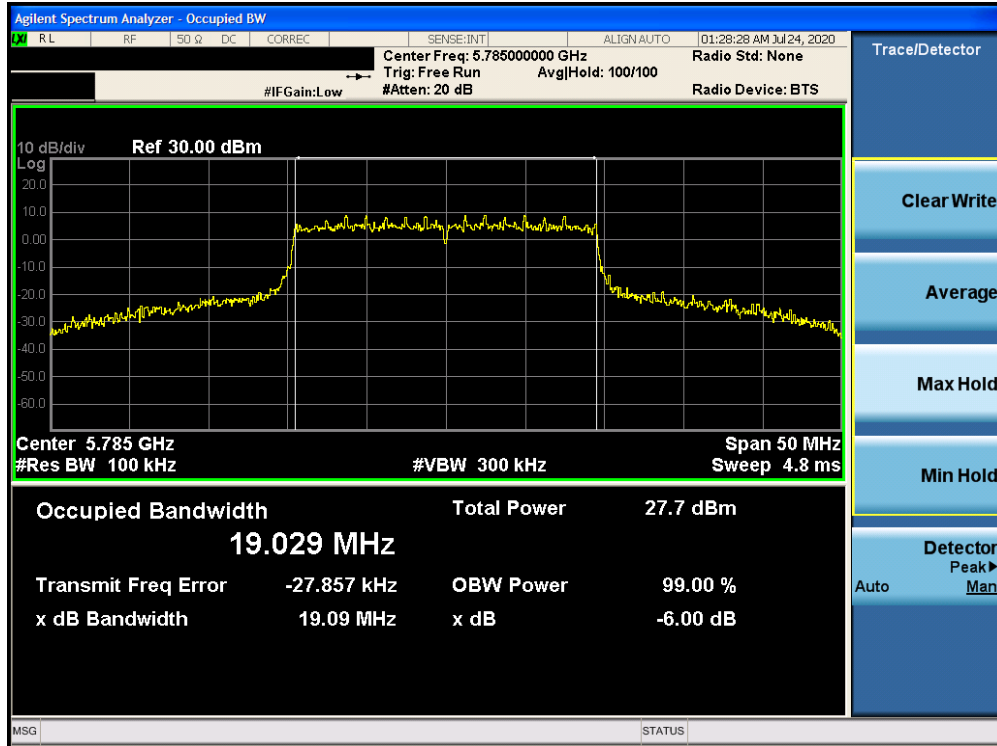


Plot 7-297. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 165)

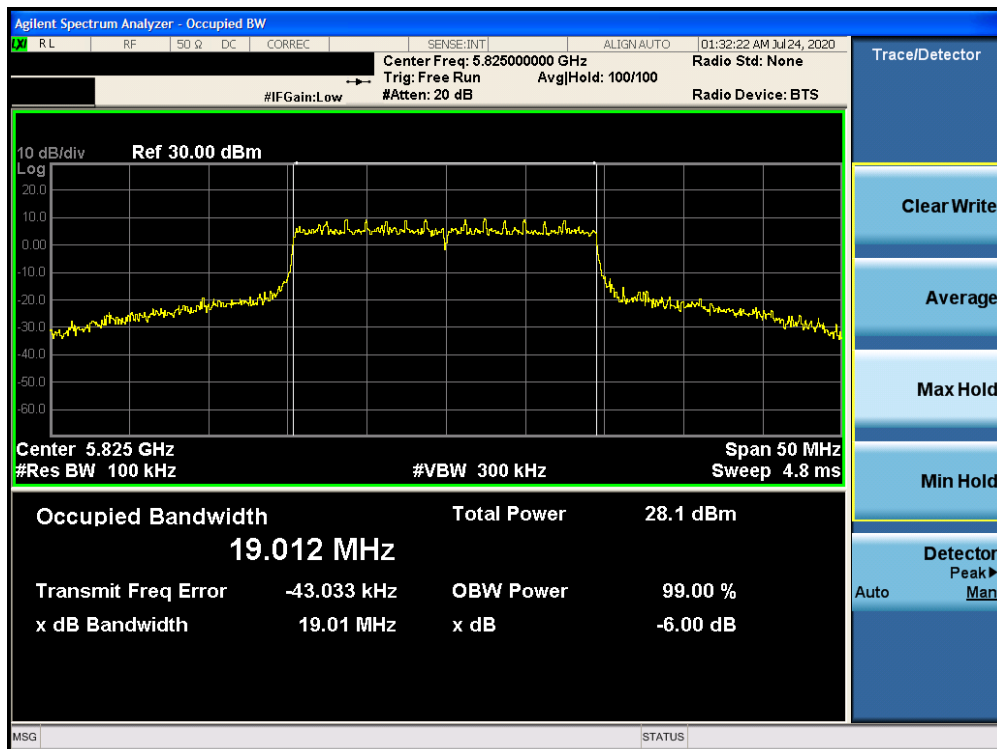


Plot 7-298. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 149)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 174 of 958                 |



Plot 7-299. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax- RU242 (UNII Band 3) – Ch. 157)



Plot 7-300. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax- RU242 (UNII Band 3) – Ch. 165)

|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 175 of 958                 |

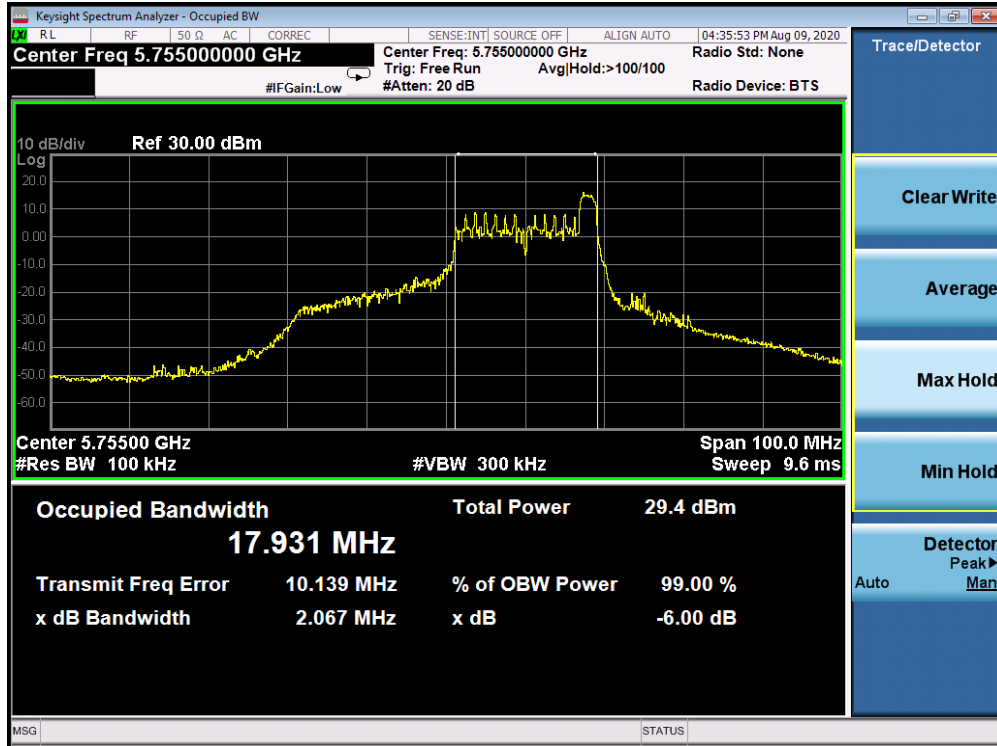


Plot 7-301. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 151)

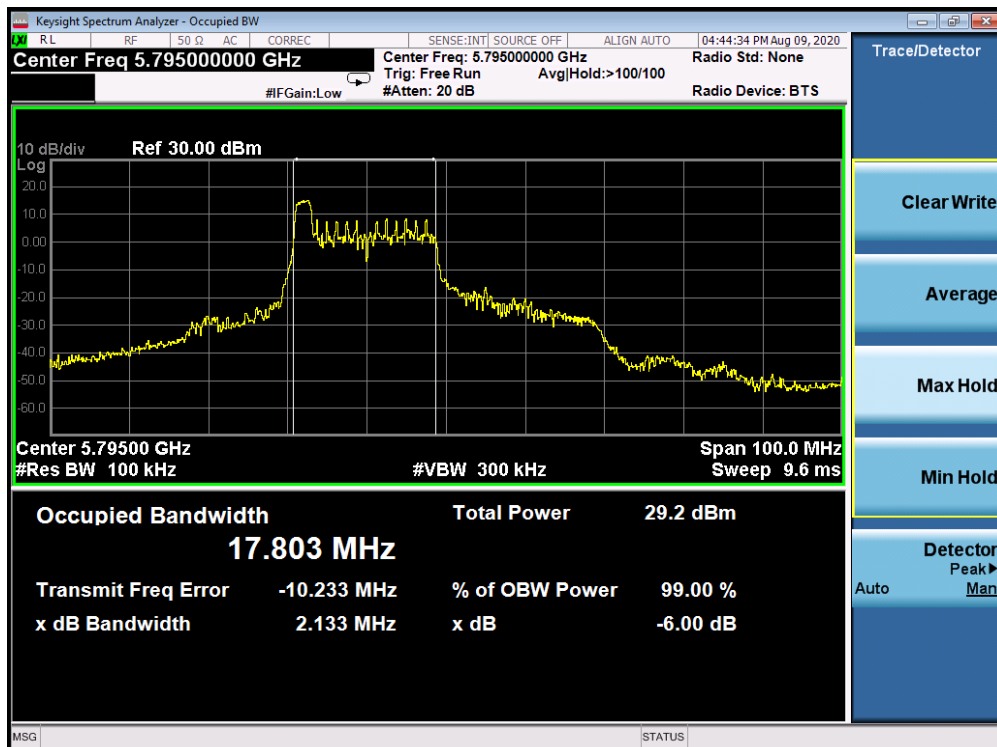


Plot 7-302. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 151)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 176 of 958                 |



Plot 7-303. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 151)

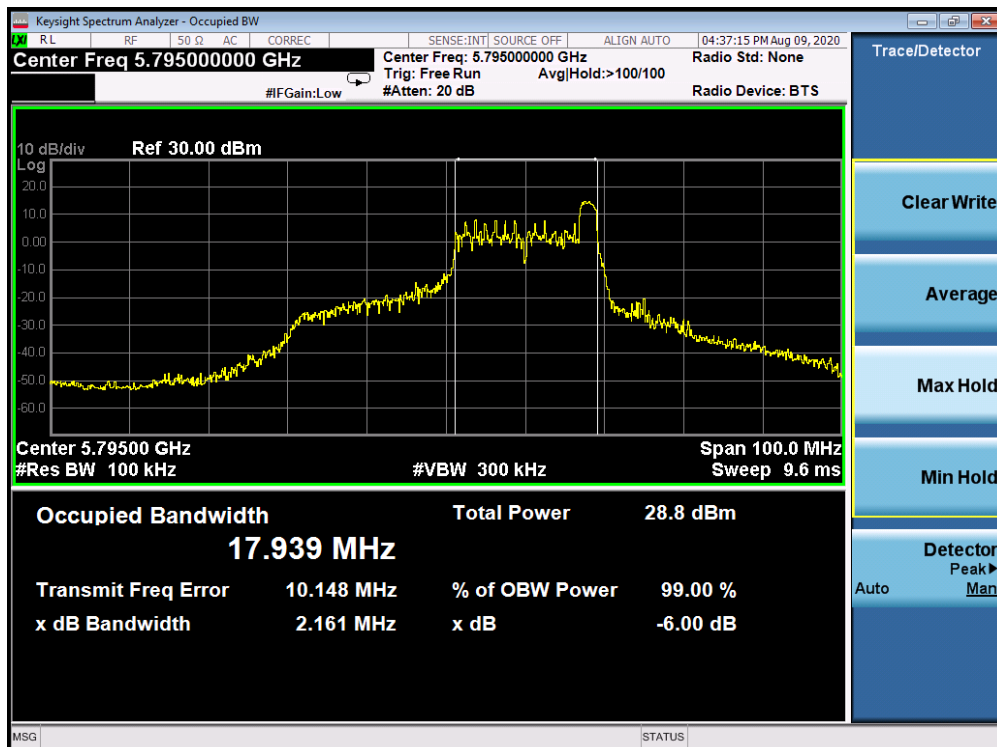


Plot 7-304. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 159)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 177 of 958                 |

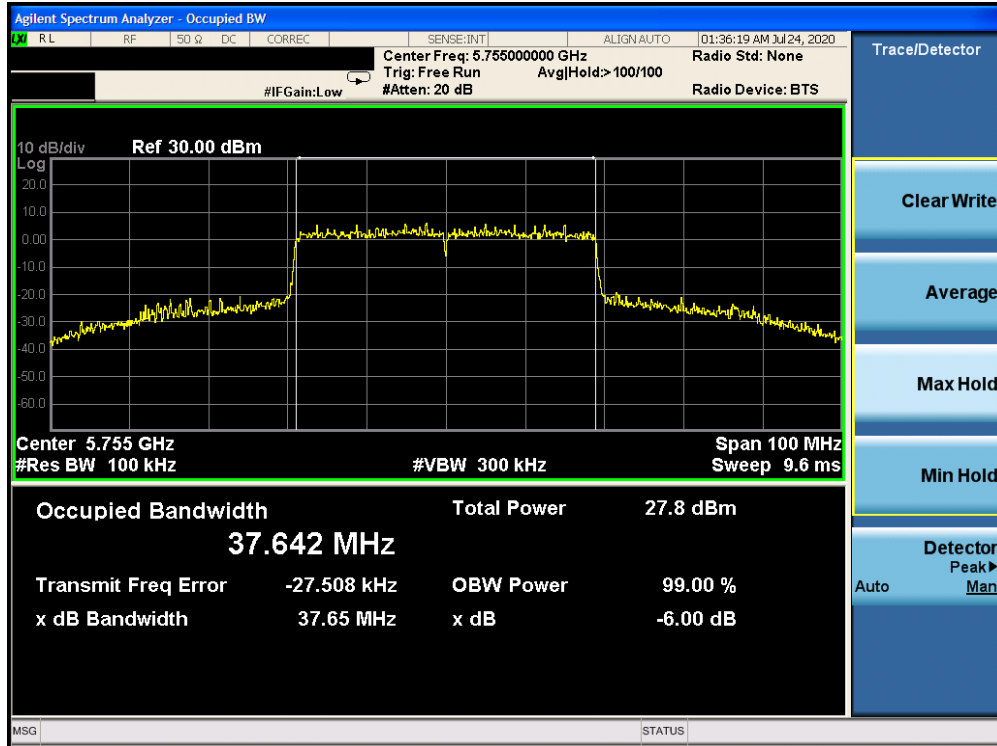


Plot 7-305. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 159)

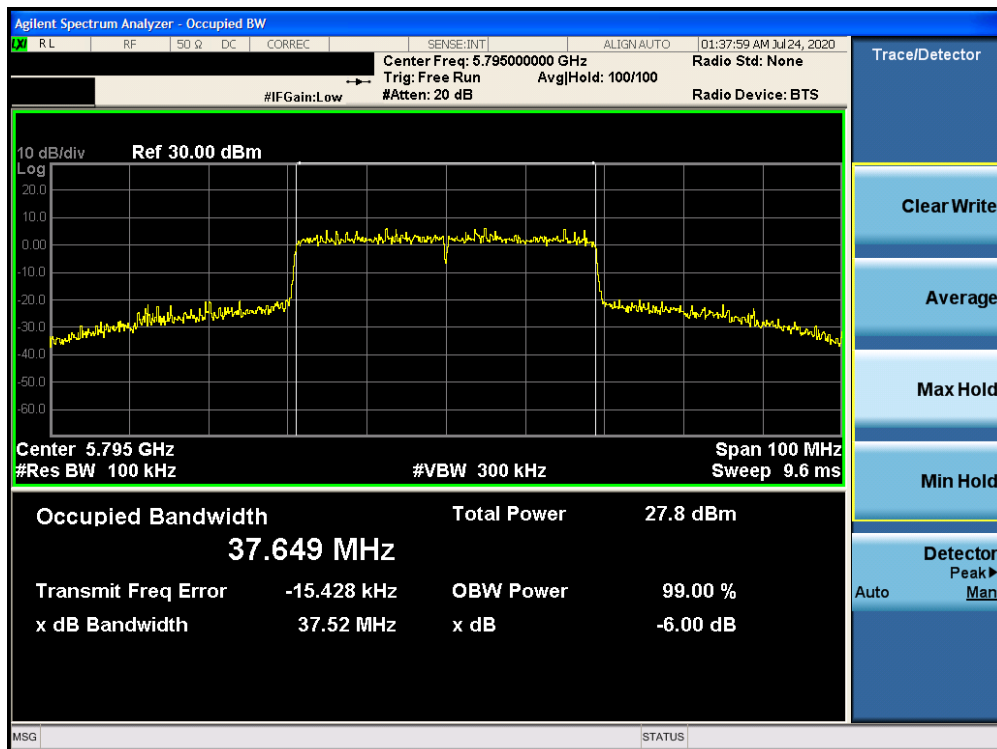


Plot 7-306. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 159)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 178 of 958                 |

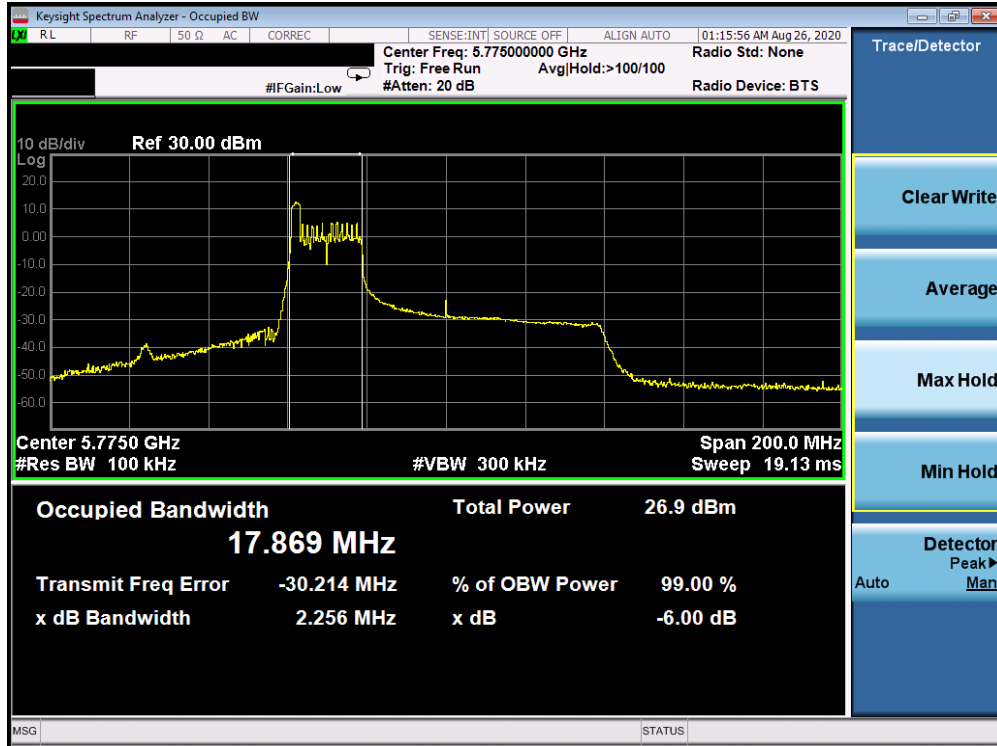


Plot 7-307. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 151)

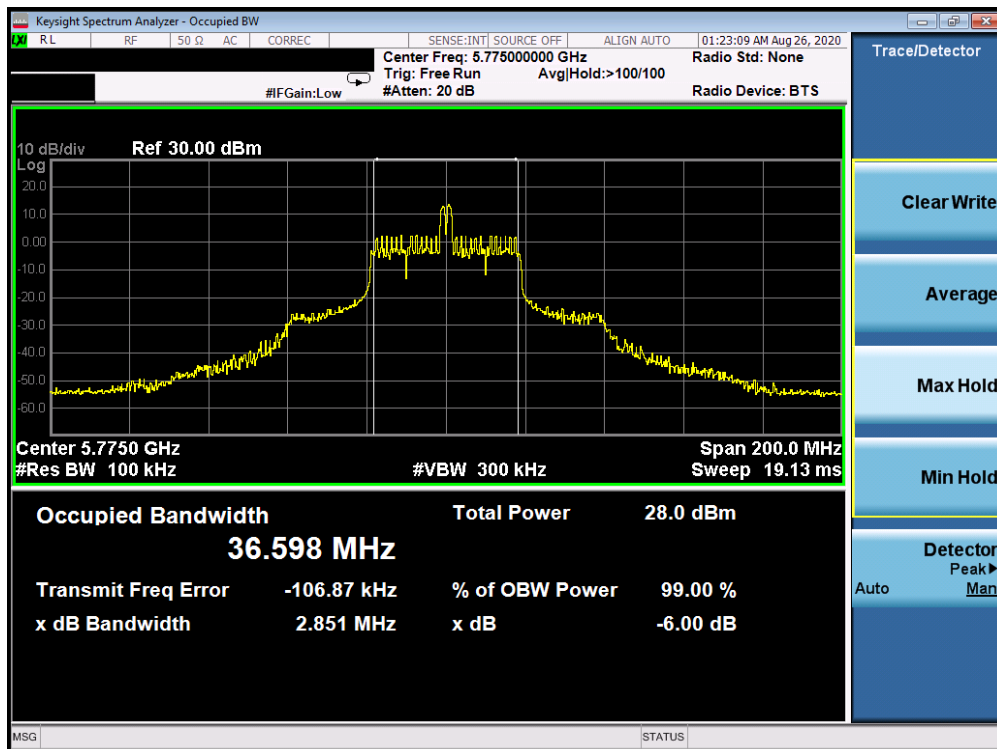


Plot 7-308. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 159)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 179 of 958                 |

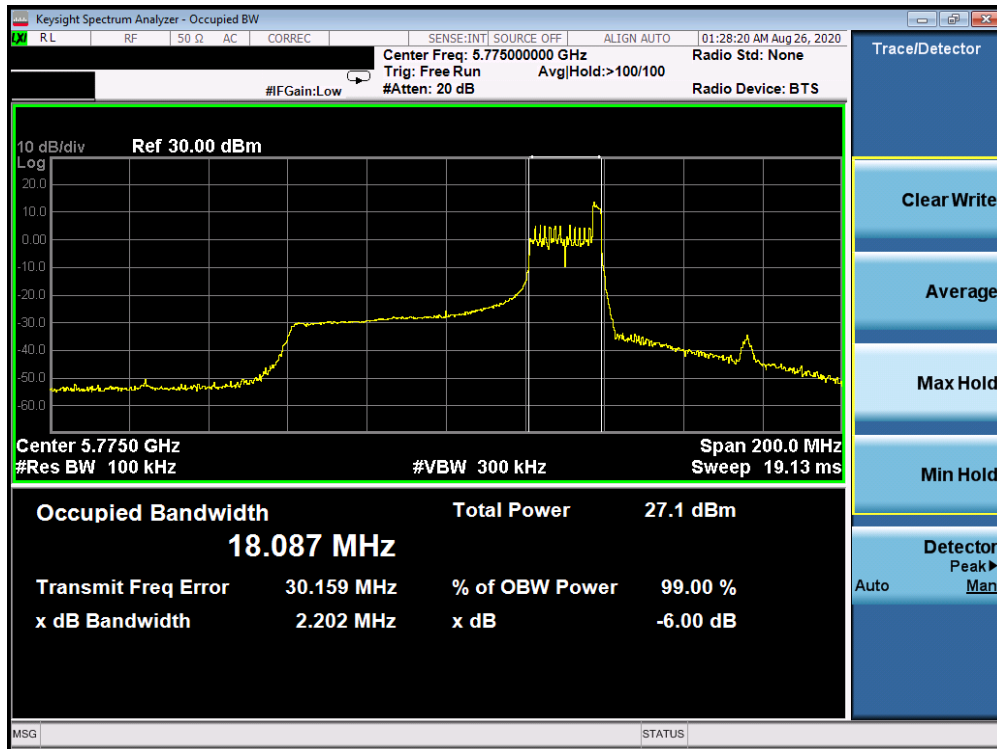


Plot 7-309. 6dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 155)

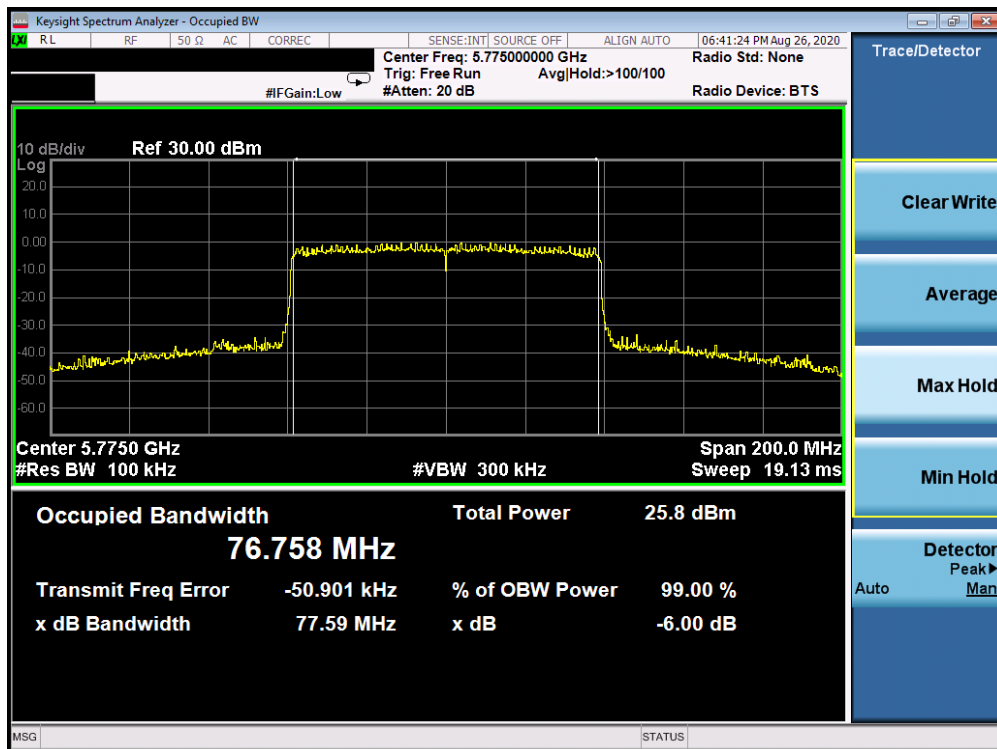


Plot 7-310. 6dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 3) – Ch. 155)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 180 of 958                 |



Plot 7-311. 6dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 3) – Ch. 155)



Plot 7-312. 6dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax – RU996 (UNII Band 3) – Ch. 155)

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 181 of 958                 |

## 7.4 Conducted Output Power and Max EIRP Measurement – 802.11ax OFDMA

§15.407(a.1.iv) §15.407(a.2) §15.407(a.3); RSS-247 [6.2]

### Test Overview and Limits

A transmitter antenna terminal of the EUT is connected to the input of an RF pulse power sensor. Measurement is made using a broadband average power meter while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2013 and KDB 789033 D02 v02r01, and at the appropriate frequencies. B is the 99% OBW per ISSED RSS-247 and 26dB BW is per FCC 15.407.

*In the 5.15 – 5.25GHz band, the maximum permissible conducted output power is 250mW (23.98dBm). The maximum e.i.r.p. shall not exceed the lesser of 200 mW or  $10 + 10 \log_{10} B$ , dBm.*

*In the 5.25 – 5.35GHz band, the maximum permissible conducted output power is the lesser of 250mW (23.98dBm) or  $11 \text{ dBm} + 10 \log_{10}(26 \text{ dB BW}) = 11 \text{ dBm} + 10 \log_{10}(18.90) = 23.76 \text{ dBm}$ . The maximum e.i.r.p. shall not exceed the lesser of 1.0 W or  $17 + 10 \log_{10} B$ , dBm.*

*In the 5.47 – 5.725GHz band, the maximum permissible conducted output power is the lesser of 250mW (23.98dBm) or  $11 \text{ dBm} + 10 \log_{10}(26 \text{ dB BW}) = 11 \text{ dBm} + 10 \log_{10}(18.73) = 23.73 \text{ dBm}$ . The maximum e.i.r.p. shall not exceed the lesser of 1.0 W or  $17 + 10 \log_{10} B$ , dBm.*

*In the 5.725 – 5.850GHz band, the maximum permissible conducted output power is 1W (30dBm). The maximum e.i.r.p. is 36 dBm.*

### Test Procedure Used

ANSI C63.10-2013 – Section 12.3.3.2 Method PM-G  
KDB 789033 D02 v02r01 – Section E)3)b) Method PM-G  
ANSI C63.10-2013 – Section 14.2 Measure-and-Sum Technique  
KDB 662911 v02r01 – Section E)1) Measure-and-Sum Technique

### Test Settings

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

### Test Setup

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



Figure 7-3. Test Instrument & Measurement Setup

### Test Notes

1. Per RSS-247 Section 6.2.3, transmission on channels which overlap the 5600-5650 MHz is prohibited. This device operates under these frequencies only under the control of a certified master device and does not support active scanning on these channels. This device does not transmit any beacons or initiate any transmissions in UNII Bands 2A or 2C.
2. All RU's were investigated and RU 26 and fully-loaded RU were reported.
3. Additionally, the highest power among partially-loaded RU's was reported.
4. The "-" shown in the following power tables are used to denote N/A.
5. For 802.11ax, the worst case data rate was found to be MCS11.
6. Following data were re-used from model A2324 per Data Re-use KDB guidance defined by the FCC.

|                                         |                                              |                                       |                                 |
|-----------------------------------------|----------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        | <b>PCTEST</b><br>Proud to be part of element | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020       | EUT Type:<br>Tablet Device            | Page 182 of 958                 |

## FCC Antenna 2b Conducted Output Power Measurements (RU26)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5180       | 36      | AVG      | 26      | 0        | 11.45                 | 23.98                       | -12.53                      |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.98                       | -11.98                      |
|                        |            |         | AVG      | 26      | 8        | 11.50                 | 23.98                       | -12.48                      |
|                        | 5200       | 40      | AVG      | 26      | 0        | 11.40                 | 23.98                       | -12.58                      |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.98                       | -11.98                      |
|                        |            |         | AVG      | 26      | 8        | 11.56                 | 23.98                       | -12.42                      |
|                        | 5240       | 48      | AVG      | 26      | 0        | 11.64                 | 23.98                       | -12.34                      |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.98                       | -11.98                      |
|                        |            |         | AVG      | 26      | 8        | 11.60                 | 23.98                       | -12.38                      |
|                        | 5260       | 52      | AVG      | 26      | 0        | 11.62                 | 23.76                       | -12.14                      |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.76                       | -11.76                      |
|                        |            |         | AVG      | 26      | 8        | 11.57                 | 23.76                       | -12.19                      |
|                        | 5300       | 60      | AVG      | 26      | 0        | 11.42                 | 23.76                       | -12.34                      |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.76                       | -11.76                      |
|                        |            |         | AVG      | 26      | 8        | 11.60                 | 23.76                       | -12.16                      |
|                        | 5320       | 64      | AVG      | 26      | 0        | 11.52                 | 23.76                       | -12.24                      |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.76                       | -11.76                      |
|                        |            |         | AVG      | 26      | 8        | 11.44                 | 23.76                       | -12.32                      |
|                        | 5500       | 100     | AVG      | 26      | 0        | 11.82                 | 23.73                       | -11.91                      |
| AVG                    |            |         | 26       | 4       | 12.00    | 23.73                 | -11.73                      |                             |
| AVG                    |            |         | 26       | 8       | 11.70    | 23.73                 | -12.03                      |                             |
| 5580                   | 116        | AVG     | 26       | 0       | 11.63    | 23.73                 | -12.10                      |                             |
|                        |            | AVG     | 26       | 4       | 12.00    | 23.73                 | -11.73                      |                             |
|                        |            | AVG     | 26       | 8       | 11.55    | 23.73                 | -12.18                      |                             |
| 5720                   | 144        | AVG     | 26       | 0       | 11.80    | 23.73                 | -11.93                      |                             |
|                        |            | AVG     | 26       | 4       | 11.92    | 23.73                 | -11.81                      |                             |
|                        |            | AVG     | 26       | 8       | 11.85    | 23.73                 | -11.88                      |                             |
| 5745                   | 149        | AVG     | 26       | 0       | 20.95    | 30.00                 | -9.05                       |                             |
|                        |            | AVG     | 26       | 4       | 21.00    | 30.00                 | -9.00                       |                             |
|                        |            | AVG     | 26       | 8       | 21.00    | 30.00                 | -9.00                       |                             |
| 5785                   | 157        | AVG     | 26       | 0       | 20.57    | 30.00                 | -9.43                       |                             |
|                        |            | AVG     | 26       | 4       | 21.00    | 30.00                 | -9.00                       |                             |
|                        |            | AVG     | 26       | 8       | 20.67    | 30.00                 | -9.33                       |                             |
| 5825                   | 165        | AVG     | 26       | 0       | 20.58    | 30.00                 | -9.42                       |                             |
|                        |            | AVG     | 26       | 4       | 21.00    | 30.00                 | -9.00                       |                             |
|                        |            | AVG     | 26       | 8       | 20.63    | 30.00                 | -9.37                       |                             |

Table 7-14. FCC Antenna 2b 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 183 of 958                 |

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5190       | 38      | AVG      | 26      | 0        | 10.68                 | 23.98                       | -13.30                      |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.98                       | -11.98                      |
|                        |            |         | AVG      | 26      | 17       | 11.16                 | 23.98                       | -12.82                      |
|                        | 5230       | 46      | AVG      | 26      | 0        | 10.74                 | 23.98                       | -13.24                      |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.98                       | -11.98                      |
|                        |            |         | AVG      | 26      | 17       | 11.00                 | 23.98                       | -12.98                      |
|                        | 5270       | 54      | AVG      | 26      | 0        | 10.78                 | 23.76                       | -12.98                      |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.76                       | -11.76                      |
|                        |            |         | AVG      | 26      | 17       | 10.92                 | 23.76                       | -12.84                      |
|                        | 5310       | 62      | AVG      | 26      | 0        | 10.73                 | 23.76                       | -13.03                      |
|                        |            |         | AVG      | 26      | 8        | 11.85                 | 23.76                       | -11.91                      |
|                        |            |         | AVG      | 26      | 17       | 10.97                 | 23.76                       | -12.79                      |
|                        | 5510       | 102     | AVG      | 26      | 0        | 11.82                 | 23.73                       | -11.91                      |
|                        |            |         | AVG      | 26      | 8        | 11.98                 | 23.73                       | -11.75                      |
|                        |            |         | AVG      | 26      | 17       | 11.94                 | 23.73                       | -11.79                      |
|                        | 5550       | 110     | AVG      | 26      | 0        | 10.95                 | 23.73                       | -12.78                      |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.73                       | -11.73                      |
|                        |            |         | AVG      | 26      | 17       | 11.18                 | 23.73                       | -12.55                      |
|                        | 5710       | 142     | AVG      | 26      | 0        | 10.81                 | 23.73                       | -12.92                      |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.73                       | -11.73                      |
|                        |            |         | AVG      | 26      | 17       | 11.11                 | 23.73                       | -12.62                      |
|                        | 5755       | 151     | AVG      | 26      | 0        | 19.35                 | 23.98                       | -4.63                       |
|                        |            |         | AVG      | 26      | 8        | 20.44                 | 23.98                       | -3.54                       |
|                        |            |         | AVG      | 26      | 17       | 19.57                 | 23.98                       | -4.41                       |
|                        | 5795       | 159     | AVG      | 26      | 0        | 19.50                 | 23.98                       | -4.48                       |
|                        |            |         | AVG      | 26      | 8        | 20.50                 | 23.98                       | -3.48                       |
|                        |            |         | AVG      | 26      | 17       | 19.61                 | 23.98                       | -4.37                       |

Table 7-15. FCC Antenna 2b 40MHz BW (UNII) Maximum Conducted Output Power (RU26)

|                                         |                                                                                                                                  |                            |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                           | EUT Type:<br>Tablet Device | Page 184 of 958                 |

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5210       | 42      | AVG      | 26      | 0        | 10.15                 | 23.98                       | -13.83                      |
|                        |            |         | AVG      | 26      | 18       | 11.00                 | 23.98                       | -12.98                      |
|                        |            |         | AVG      | 26      | 36       | 10.30                 | 23.98                       | -13.68                      |
|                        | 5290       | 58      | AVG      | 26      | 0        | 9.65                  | 23.76                       | -14.11                      |
|                        |            |         | AVG      | 26      | 18       | 10.50                 | 23.76                       | -13.26                      |
|                        |            |         | AVG      | 26      | 36       | 9.66                  | 23.76                       | -14.10                      |
|                        | 5530       | 106     | AVG      | 26      | 0        | 9.55                  | 23.73                       | -14.18                      |
|                        |            |         | AVG      | 26      | 18       | 10.45                 | 23.73                       | -13.28                      |
|                        |            |         | AVG      | 26      | 36       | 9.71                  | 23.73                       | -14.02                      |
|                        | 5610       | 122     | AVG      | 26      | 0        | 11.27                 | 23.73                       | -12.46                      |
|                        |            |         | AVG      | 26      | 18       | 12.00                 | 23.73                       | -11.73                      |
|                        |            |         | AVG      | 26      | 36       | 11.36                 | 23.73                       | -12.37                      |
|                        | 5690       | 138     | AVG      | 26      | 0        | 11.45                 | 23.73                       | -12.28                      |
|                        |            |         | AVG      | 26      | 18       | 12.00                 | 23.73                       | -11.73                      |
|                        |            |         | AVG      | 26      | 36       | 11.42                 | 23.73                       | -12.31                      |
|                        | 5775       | 155     | AVG      | 26      | 0        | 17.40                 | 23.47                       | -6.07                       |
|                        |            |         | AVG      | 26      | 18       | 18.00                 | 23.47                       | -5.47                       |
|                        |            |         | AVG      | 26      | 36       | 17.50                 | 23.47                       | -5.97                       |

**Table 7-16. FCC Antenna 2b 80MHz BW (UNII) Maximum Conducted Output Power (RU26)**

|                                         |                                                                                                                                  |                            |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                           | EUT Type:<br>Tablet Device | Page 185 of 958                 |

## ISED Antenna 2b Conducted Output Power Measurements (RU26)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         | AVG      | 26      | 0        | 6.08                  | -                           | -                           | -0.20           | 5.88               | 22.77                    | -16.89               |
|                        | 5180       | 36      | AVG      | 26      | 4        | 6.64                  | -                           | -                           | -0.20           | 6.44               | 22.77                    | -16.33               |
|                        |            |         | AVG      | 26      | 8        | 6.12                  | -                           | -                           | -0.20           | 5.92               | 22.77                    | -16.85               |
|                        | 5200       | 40      | AVG      | 26      | 0        | 6.23                  | -                           | -                           | -0.20           | 6.03               | 22.77                    | -16.74               |
|                        |            |         | AVG      | 26      | 4        | 6.70                  | -                           | -                           | -0.20           | 6.50               | 22.77                    | -16.27               |
|                        |            |         | AVG      | 26      | 8        | 6.30                  | -                           | -                           | -0.20           | 6.10               | 22.77                    | -16.67               |
|                        | 5240       | 48      | AVG      | 26      | 0        | 6.24                  | -                           | -                           | -0.20           | 6.04               | 22.77                    | -16.73               |
|                        |            |         | AVG      | 26      | 4        | 6.67                  | -                           | -                           | -0.20           | 6.47               | 22.77                    | -16.30               |
|                        |            |         | AVG      | 26      | 8        | 6.21                  | -                           | -                           | -0.20           | 6.01               | 22.77                    | -16.76               |
|                        | 5260       | 52      | AVG      | 26      | 0        | 11.62                 | 23.76                       | -12.14                      | 0.00            | 11.62              | 29.76                    | -18.14               |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.76                       | -11.76                      | 0.00            | 12.00              | 29.76                    | -17.76               |
|                        |            |         | AVG      | 26      | 8        | 11.57                 | 23.76                       | -12.19                      | 0.00            | 11.57              | 29.76                    | -18.19               |
|                        | 5300       | 60      | AVG      | 26      | 0        | 11.42                 | 23.76                       | -12.34                      | 0.00            | 11.42              | 29.76                    | -18.34               |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.76                       | -11.76                      | 0.00            | 12.00              | 29.76                    | -17.76               |
|                        |            |         | AVG      | 26      | 8        | 11.60                 | 23.76                       | -12.16                      | 0.00            | 11.60              | 29.76                    | -18.16               |
|                        | 5320       | 64      | AVG      | 26      | 0        | 11.52                 | 23.76                       | -12.24                      | 0.00            | 11.52              | 29.76                    | -18.24               |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.76                       | -11.76                      | 0.00            | 12.00              | 29.76                    | -17.76               |
|                        |            |         | AVG      | 26      | 8        | 11.44                 | 23.76                       | -12.32                      | 0.00            | 11.44              | 29.76                    | -18.32               |
|                        | 5500       | 100     | AVG      | 26      | 0        | 11.82                 | 23.73                       | -11.91                      | -2.10           | 9.72               | 29.73                    | -20.01               |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.73                       | -11.73                      | -2.10           | 9.90               | 29.73                    | -19.83               |
|                        |            |         | AVG      | 26      | 8        | 11.70                 | 23.73                       | -12.03                      | -2.10           | 9.60               | 29.73                    | -20.13               |
|                        | 5580       | 116     | AVG      | 26      | 0        | 11.63                 | 23.73                       | -12.10                      | -2.10           | 9.53               | 29.73                    | -20.20               |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.73                       | -11.73                      | -2.10           | 9.90               | 29.73                    | -19.83               |
|                        |            |         | AVG      | 26      | 8        | 11.55                 | 23.73                       | -12.18                      | -2.10           | 9.45               | 29.73                    | -20.28               |
|                        | 5720       | 144     | AVG      | 26      | 0        | 11.80                 | 23.73                       | -11.93                      | -2.10           | 9.70               | 29.73                    | -20.03               |
|                        |            |         | AVG      | 26      | 4        | 11.92                 | 23.73                       | -11.81                      | -2.10           | 9.82               | 29.73                    | -19.91               |
|                        |            |         | AVG      | 26      | 8        | 11.85                 | 23.73                       | -11.88                      | -2.10           | 9.75               | 29.73                    | -19.98               |
|                        | 5745       | 149     | AVG      | 26      | 0        | 20.95                 | 30.00                       | -9.05                       | -1.30           | 19.65              | -                        | -                    |
|                        |            |         | AVG      | 26      | 4        | 21.00                 | 30.00                       | -9.00                       | -1.30           | 19.70              | -                        | -                    |
|                        |            |         | AVG      | 26      | 8        | 21.00                 | 30.00                       | -9.00                       | -1.30           | 19.70              | -                        | -                    |
|                        | 5785       | 157     | AVG      | 26      | 0        | 20.57                 | 30.00                       | -9.43                       | -1.30           | 19.27              | -                        | -                    |
|                        |            |         | AVG      | 26      | 4        | 21.00                 | 30.00                       | -9.00                       | -1.30           | 19.70              | -                        | -                    |
|                        |            |         | AVG      | 26      | 8        | 20.67                 | 30.00                       | -9.33                       | -1.30           | 19.37              | -                        | -                    |
|                        | 5825       | 165     | AVG      | 26      | 0        | 20.58                 | 30.00                       | -9.42                       | -1.30           | 19.28              | -                        | -                    |
|                        |            |         | AVG      | 26      | 4        | 21.00                 | 30.00                       | -9.00                       | -1.30           | 19.70              | -                        | -                    |
|                        |            |         | AVG      | 26      | 8        | 20.63                 | 30.00                       | -9.37                       | -1.30           | 19.33              | -                        | -                    |

Table 7-17. ISED Antenna 2b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 186 of 958                 |

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          |         |          |                       |                             |                             |                 |                    |                          |                      |
|                        | 5190       | 38      | AVG      | 26      | 0        | 5.57                  | -                           | -                           | -0.20           | 5.37               | 22.77                    | -17.40               |
|                        |            |         | AVG      | 26      | 8        | 6.67                  | -                           | -                           | -0.20           | 6.47               | 22.77                    | -16.30               |
|                        |            |         | AVG      | 26      | 17       | 5.81                  | -                           | -                           | -0.20           | 5.61               | 22.77                    | -17.16               |
|                        | 5230       | 46      | AVG      | 26      | 0        | 5.54                  | -                           | -                           | -0.20           | 5.34               | 22.77                    | -17.43               |
|                        |            |         | AVG      | 26      | 8        | 6.63                  | -                           | -                           | -0.20           | 6.43               | 22.77                    | -16.34               |
|                        |            |         | AVG      | 26      | 17       | 5.67                  | -                           | -                           | -0.20           | 5.47               | 22.77                    | -17.30               |
|                        | 5270       | 54      | AVG      | 26      | 0        | 10.78                 | 23.76                       | -12.98                      | 0.00            | 10.78              | 29.76                    | -18.98               |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.76                       | -11.76                      | 0.00            | 12.00              | 29.76                    | -17.76               |
|                        |            |         | AVG      | 26      | 17       | 10.92                 | 23.76                       | -12.84                      | 0.00            | 10.92              | 29.76                    | -18.84               |
|                        | 5310       | 62      | AVG      | 26      | 0        | 10.73                 | 23.76                       | -13.03                      | 0.00            | 10.73              | 29.76                    | -19.03               |
|                        |            |         | AVG      | 26      | 8        | 11.85                 | 23.76                       | -11.91                      | 0.00            | 11.85              | 29.76                    | -17.91               |
|                        |            |         | AVG      | 26      | 17       | 10.97                 | 23.76                       | -12.79                      | 0.00            | 10.97              | 29.76                    | -18.79               |
|                        | 5510       | 102     | AVG      | 26      | 0        | 11.82                 | 23.73                       | -11.91                      | -2.10           | 9.72               | 29.73                    | -20.01               |
|                        |            |         | AVG      | 26      | 8        | 11.98                 | 23.73                       | -11.75                      | -2.10           | 9.88               | 29.73                    | -19.85               |
|                        |            |         | AVG      | 26      | 17       | 11.94                 | 23.73                       | -11.79                      | -2.10           | 9.84               | 29.73                    | -19.89               |
|                        | 5550       | 110     | AVG      | 26      | 0        | 10.95                 | 23.73                       | -12.78                      | -2.10           | 8.85               | 29.73                    | -20.88               |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.73                       | -11.73                      | -2.10           | 9.90               | 29.73                    | -19.83               |
|                        |            |         | AVG      | 26      | 17       | 11.18                 | 23.73                       | -12.55                      | -2.10           | 9.08               | 29.73                    | -20.65               |
|                        | 5710       | 142     | AVG      | 26      | 0        | 10.81                 | 23.73                       | -12.92                      | -2.10           | 8.71               | 29.73                    | -21.02               |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.73                       | -11.73                      | -2.10           | 9.90               | 29.73                    | -19.83               |
|                        |            |         | AVG      | 26      | 17       | 11.11                 | 23.73                       | -12.62                      | -2.10           | 9.01               | 29.73                    | -20.72               |
|                        | 5755       | 151     | AVG      | 26      | 0        | 19.35                 | 23.98                       | -4.63                       | -1.30           | 18.05              | -                        | -                    |
|                        |            |         | AVG      | 26      | 8        | 20.44                 | 23.98                       | -3.54                       | -1.30           | 19.14              | -                        | -                    |
|                        |            |         | AVG      | 26      | 17       | 19.57                 | 23.98                       | -4.41                       | -1.30           | 18.27              | -                        | -                    |
|                        | 5795       | 159     | AVG      | 26      | 0        | 19.50                 | 23.98                       | -4.48                       | -1.30           | 18.20              | -                        | -                    |
|                        |            |         | AVG      | 26      | 8        | 20.50                 | 23.98                       | -3.48                       | -1.30           | 19.20              | -                        | -                    |
|                        |            |         | AVG      | 26      | 17       | 19.61                 | 23.98                       | -4.37                       | -1.30           | 18.31              | -                        | -                    |

Table 7-18. ISED Antenna 2b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          |         |          |                       |                             |                             |                 |                    |                          |                      |
|                        | 5210       | 42      | AVG      | 26      | 0        | 5.86                  | -                           | -                           | -0.20           | 5.66               | 22.77                    | -17.11               |
|                        |            |         | AVG      | 26      | 18       | 6.75                  | -                           | -                           | -0.20           | 6.55               | 22.77                    | -16.22               |
|                        |            |         | AVG      | 26      | 36       | 6.10                  | -                           | -                           | -0.20           | 5.90               | 22.77                    | -16.87               |
|                        | 5290       | 58      | AVG      | 26      | 0        | 9.65                  | 23.76                       | -14.11                      | 0.00            | 9.65               | 29.76                    | -20.11               |
|                        |            |         | AVG      | 26      | 18       | 10.50                 | 23.76                       | -13.26                      | 0.00            | 10.50              | 29.76                    | -19.26               |
|                        |            |         | AVG      | 26      | 36       | 9.66                  | 23.76                       | -14.10                      | 0.00            | 9.66               | 29.76                    | -20.10               |
|                        | 5530       | 106     | AVG      | 26      | 0        | 9.55                  | 23.73                       | -14.18                      | -2.10           | 7.45               | 29.73                    | -22.28               |
|                        |            |         | AVG      | 26      | 18       | 10.45                 | 23.73                       | -13.28                      | -2.10           | 8.35               | 29.73                    | -21.38               |
|                        |            |         | AVG      | 26      | 36       | 9.71                  | 23.73                       | -14.02                      | -2.10           | 7.61               | 29.73                    | -22.12               |
|                        | 5690       | 138     | AVG      | 26      | 0        | 11.45                 | 23.73                       | -12.28                      | -2.10           | 9.35               | 29.73                    | -20.38               |
|                        |            |         | AVG      | 26      | 18       | 12.00                 | 23.73                       | -11.73                      | -2.10           | 9.90               | 29.73                    | -19.83               |
|                        |            |         | AVG      | 26      | 36       | 11.42                 | 23.73                       | -12.31                      | -2.10           | 9.32               | 29.73                    | -20.41               |
|                        | 5775       | 155     | AVG      | 26      | 0        | 17.40                 | 23.47                       | -6.07                       | -1.30           | 16.10              | -                        | -                    |
|                        |            |         | AVG      | 26      | 18       | 18.00                 | 23.47                       | -5.47                       | -1.30           | 16.70              | -                        | -                    |
|                        |            |         | AVG      | 26      | 36       | 17.50                 | 23.47                       | -5.97                       | -1.30           | 16.20              | -                        | -                    |

Table 7-19. ISED Antenna 2b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                              | EUT Type:<br>Tablet Device            | Page 187 of 958                 |

### FCC Antenna 2b Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5180       | 36      | AVG      | 106     | 53       | 16.50                 | 23.98                       | -7.48                       |
|                        |            |         | AVG      | 106     | 54       | 16.50                 | 23.98                       | -7.48                       |
|                        | 5200       | 40      | AVG      | 106     | 53       | 18.00                 | 23.98                       | -5.98                       |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.98                       | -5.98                       |
|                        | 5240       | 48      | AVG      | 106     | 53       | 18.00                 | 23.98                       | -5.98                       |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.98                       | -5.98                       |
|                        | 5260       | 52      | AVG      | 106     | 53       | 18.00                 | 23.76                       | -5.76                       |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.76                       | -5.76                       |
|                        | 5300       | 60      | AVG      | 106     | 53       | 18.00                 | 23.76                       | -5.76                       |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.76                       | -5.76                       |
|                        | 5320       | 64      | AVG      | 106     | 53       | 16.42                 | 23.76                       | -7.34                       |
|                        |            |         | AVG      | 106     | 54       | 16.46                 | 23.76                       | -7.30                       |
|                        | 5500       | 100     | AVG      | 106     | 53       | 15.50                 | 23.73                       | -8.23                       |
|                        |            |         | AVG      | 106     | 54       | 15.50                 | 23.73                       | -8.23                       |
|                        | 5520       | 104     | AVG      | 106     | 53       | 18.00                 | 23.73                       | -5.73                       |
|                        |            |         | AVG      | 106     | 54       | 17.84                 | 23.73                       | -5.89                       |
|                        | 5580       | 116     | AVG      | 106     | 53       | 18.00                 | 23.73                       | -5.73                       |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.73                       | -5.73                       |
|                        | 5680       | 136     | AVG      | 106     | 53       | 18.00                 | 23.73                       | -5.73                       |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.73                       | -5.73                       |
|                        | 5700       | 140     | AVG      | 106     | 53       | 14.00                 | 23.73                       | -9.73                       |
|                        |            |         | AVG      | 106     | 54       | 14.00                 | 23.73                       | -9.73                       |
|                        | 5720       | 144     | AVG      | 106     | 53       | 18.00                 | 23.73                       | -5.73                       |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.73                       | -5.73                       |
|                        | 5745       | 149     | AVG      | 106     | 53       | 21.00                 | 30.00                       | -9.00                       |
|                        |            |         | AVG      | 106     | 54       | 21.00                 | 30.00                       | -9.00                       |
|                        | 5785       | 157     | AVG      | 106     | 53       | 21.00                 | 30.00                       | -9.00                       |
|                        |            |         | AVG      | 106     | 54       | 21.00                 | 30.00                       | -9.00                       |
|                        | 5825       | 165     | AVG      | 106     | 53       | 21.00                 | 30.00                       | -9.00                       |
|                        |            |         | AVG      | 106     | 54       | 21.00                 | 30.00                       | -9.00                       |

Table 7-20. FCC Antenna 2b 20MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

|                                         |                                                                                                                                         |                            |                                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br><b>(CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                                  | EUT Type:<br>Tablet Device | Page 188 of 958                 |

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5190       | 38      | AVG      | 242     | 61       | 14.27                 | 23.98                       | -9.71                       |
|                        |            |         | AVG      | 242     | 62       | 14.50                 | 23.98                       | -9.48                       |
|                        | 5230       | 46      | AVG      | 242     | 61       | 19.82                 | 23.98                       | -4.16                       |
|                        |            |         | AVG      | 242     | 62       | 20.00                 | 23.98                       | -3.98                       |
|                        | 5270       | 54      | AVG      | 242     | 61       | 19.96                 | 23.76                       | -3.80                       |
|                        |            |         | AVG      | 242     | 62       | 20.00                 | 23.76                       | -3.76                       |
|                        | 5310       | 62      | AVG      | 242     | 61       | 14.34                 | 23.76                       | -9.42                       |
|                        |            |         | AVG      | 242     | 62       | 14.50                 | 23.76                       | -9.26                       |
|                        | 5510       | 102     | AVG      | 242     | 61       | 12.72                 | 23.73                       | -11.01                      |
|                        |            |         | AVG      | 242     | 62       | 13.00                 | 23.73                       | -10.73                      |
|                        | 5550       | 110     | AVG      | 242     | 61       | 19.00                 | 23.73                       | -4.73                       |
|                        |            |         | AVG      | 242     | 62       | 19.00                 | 23.73                       | -4.73                       |
|                        | 5590       | 118     | AVG      | 242     | 61       | 19.82                 | 23.73                       | -3.91                       |
|                        |            |         | AVG      | 242     | 62       | 20.00                 | 23.73                       | -3.73                       |
|                        | 5670       | 134     | AVG      | 242     | 61       | 15.79                 | 23.73                       | -7.94                       |
|                        |            |         | AVG      | 242     | 62       | 16.00                 | 23.73                       | -7.73                       |
|                        | 5710       | 142     | AVG      | 106     | 53       | 17.30                 | 23.73                       | -6.43                       |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.73                       | -5.73                       |
|                        |            |         | AVG      | 106     | 56       | 17.64                 | 23.73                       | -6.09                       |
|                        | 5755       | 151     | AVG      | 242     | 61       | 20.29                 | 23.98                       | -3.69                       |
|                        |            |         | AVG      | 242     | 62       | 20.50                 | 23.98                       | -3.48                       |
|                        | 5795       | 159     | AVG      | 242     | 61       | 20.50                 | 23.98                       | -3.48                       |
|                        |            |         | AVG      | 242     | 62       | 20.50                 | 23.98                       | -3.48                       |

Table 7-21. FCC Antenna 2b 40MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5210       | 42      | AVG      | 484     | 65       | 13.37                 | 23.98                       | -10.61                      |
|                        |            |         | AVG      | 484     | 66       | 13.50                 | 23.98                       | -10.48                      |
|                        | 5290       | 58      | AVG      | 484     | 65       | 12.90                 | 23.76                       | -10.86                      |
|                        |            |         | AVG      | 484     | 66       | 13.00                 | 23.76                       | -10.76                      |
|                        | 5530       | 106     | AVG      | 484     | 65       | 12.72                 | 23.73                       | -11.01                      |
|                        |            |         | AVG      | 484     | 66       | 13.00                 | 23.73                       | -10.73                      |
|                        | 5610       | 122     | AVG      | 484     | 65       | 16.75                 | 23.73                       | -6.98                       |
|                        |            |         | AVG      | 484     | 66       | 17.00                 | 23.73                       | -6.73                       |
|                        | 5690       | 138     | AVG      | 106     | 53       | 17.50                 | 23.73                       | -6.23                       |
|                        |            |         | AVG      | 106     | 56       | 17.95                 | 23.73                       | -5.78                       |
|                        |            |         | AVG      | 106     | 60       | 17.68                 | 23.73                       | -6.05                       |
|                        | 5775       | 155     | AVG      | 484     | 65       | 18.00                 | 23.47                       | -5.47                       |
|                        |            |         | AVG      | 484     | 66       | 18.00                 | 23.47                       | -5.47                       |

Table 7-22. FCC Antenna 2b 80MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

|                                         |                                                                                     |                                       |  |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|--|---------------------------------|
| FCC ID: BCGA2072                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                              | EUT Type:<br>Tablet Device            |  | Page 189 of 958                 |

## ISED Antenna 2b Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5180       | 36      | AVG      | 106     | 53       | 12.60                 | -                           | -                           | -0.20           | 12.40              | 22.77                    | -10.37               |
|                        |            |         | AVG      | 106     | 54       | 12.65                 | -                           | -                           | -0.20           | 12.45              | 22.77                    | -10.32               |
|                        | 5200       | 40      | AVG      | 106     | 53       | 12.75                 | -                           | -                           | -0.20           | 12.55              | 22.77                    | -10.22               |
|                        |            |         | AVG      | 106     | 54       | 12.69                 | -                           | -                           | -0.20           | 12.49              | 22.77                    | -10.28               |
|                        | 5240       | 48      | AVG      | 106     | 53       | 12.67                 | -                           | -                           | -0.20           | 12.47              | 22.77                    | -10.30               |
|                        |            |         | AVG      | 106     | 54       | 12.64                 | -                           | -                           | -0.20           | 12.44              | 22.77                    | -10.33               |
|                        | 5260       | 52      | AVG      | 106     | 53       | 18.00                 | 23.76                       | -5.76                       | 0.00            | 18.00              | 29.76                    | -11.76               |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.76                       | -5.76                       | 0.00            | 18.00              | 29.76                    | -11.76               |
|                        | 5300       | 60      | AVG      | 106     | 53       | 18.00                 | 23.76                       | -5.76                       | 0.00            | 18.00              | 29.76                    | -11.76               |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.76                       | -5.76                       | 0.00            | 18.00              | 29.76                    | -11.76               |
|                        | 5320       | 64      | AVG      | 106     | 53       | 16.42                 | 23.76                       | -7.34                       | 0.00            | 16.42              | 29.76                    | -13.34               |
|                        |            |         | AVG      | 106     | 54       | 16.46                 | 23.76                       | -7.30                       | 0.00            | 16.46              | 29.76                    | -13.30               |
|                        | 5500       | 100     | AVG      | 106     | 53       | 15.50                 | 23.73                       | -8.23                       | -2.10           | 13.40              | 29.73                    | -16.33               |
|                        |            |         | AVG      | 106     | 54       | 15.50                 | 23.73                       | -8.23                       | -2.10           | 13.40              | 29.73                    | -16.33               |
|                        | 5520       | 104     | AVG      | 106     | 53       | 18.00                 | 23.73                       | -5.73                       | -2.10           | 15.90              | 29.73                    | -13.83               |
|                        |            |         | AVG      | 106     | 54       | 17.84                 | 23.73                       | -5.89                       | -2.10           | 15.74              | 29.73                    | -13.99               |
|                        | 5580       | 116     | AVG      | 106     | 53       | 18.00                 | 23.73                       | -5.73                       | -2.10           | 15.90              | 29.73                    | -13.83               |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.73                       | -5.73                       | -2.10           | 15.90              | 29.73                    | -13.83               |
|                        | 5680       | 136     | AVG      | 106     | 53       | 18.00                 | 23.73                       | -5.73                       | -2.10           | 15.90              | 29.73                    | -13.83               |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.73                       | -5.73                       | -2.10           | 15.90              | 29.73                    | -13.83               |
|                        | 5700       | 140     | AVG      | 106     | 53       | 14.00                 | 23.73                       | -9.73                       | -2.10           | 11.90              | 29.73                    | -17.83               |
|                        |            |         | AVG      | 106     | 54       | 14.00                 | 23.73                       | -9.73                       | -2.10           | 11.90              | 29.73                    | -17.83               |
|                        | 5720       | 144     | AVG      | 106     | 53       | 18.00                 | 23.73                       | -5.73                       | -2.10           | 15.90              | 29.73                    | -13.83               |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.73                       | -5.73                       | -2.10           | 15.90              | 29.73                    | -13.83               |
|                        | 5745       | 149     | AVG      | 106     | 53       | 21.00                 | 30.00                       | -9.00                       | -1.30           | 19.70              | -                        | -                    |
|                        |            |         | AVG      | 106     | 54       | 21.00                 | 30.00                       | -9.00                       | -1.30           | 19.70              | -                        | -                    |
|                        | 5785       | 157     | AVG      | 106     | 53       | 21.00                 | 30.00                       | -9.00                       | -1.30           | 19.70              | -                        | -                    |
|                        |            |         | AVG      | 106     | 54       | 21.00                 | 30.00                       | -9.00                       | -1.30           | 19.70              | -                        | -                    |
|                        | 5825       | 165     | AVG      | 106     | 53       | 21.00                 | 30.00                       | -9.00                       | -1.30           | 19.70              | -                        | -                    |
|                        |            |         | AVG      | 106     | 54       | 21.00                 | 30.00                       | -9.00                       | -1.30           | 19.70              | -                        | -                    |

Table 7-23. ISED Antenna 2b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5190       | 38      | AVG      | 242     | 61       | 14.27                 | -                           | -                           | -0.20           | 14.07              | 22.77                    | -8.70                |
|                        |            |         | AVG      | 242     | 62       | 14.50                 | -                           | -                           | -0.20           | 14.30              | 22.77                    | -8.47                |
|                        | 5230       | 46      | AVG      | 242     | 61       | 15.07                 | -                           | -                           | -0.20           | 14.87              | 22.77                    | -7.90                |
|                        |            |         | AVG      | 242     | 62       | 15.25                 | -                           | -                           | -0.20           | 15.05              | 22.77                    | -7.72                |
|                        | 5270       | 54      | AVG      | 242     | 61       | 19.96                 | 23.76                       | -3.80                       | 0.00            | 19.96              | 29.76                    | -9.80                |
|                        |            |         | AVG      | 242     | 62       | 20.00                 | 23.76                       | -3.76                       | 0.00            | 20.00              | 29.76                    | -9.76                |
|                        | 5310       | 62      | AVG      | 242     | 61       | 14.34                 | 23.76                       | -9.42                       | 0.00            | 14.34              | 29.76                    | -15.42               |
|                        |            |         | AVG      | 242     | 62       | 14.50                 | 23.76                       | -9.26                       | 0.00            | 14.50              | 29.76                    | -15.26               |
|                        | 5510       | 102     | AVG      | 242     | 61       | 12.72                 | 23.73                       | -11.01                      | -2.10           | 10.62              | 29.73                    | -19.11               |
|                        |            |         | AVG      | 242     | 62       | 13.00                 | 23.73                       | -10.73                      | -2.10           | 10.90              | 29.73                    | -18.83               |
|                        | 5550       | 110     | AVG      | 242     | 61       | 19.00                 | 23.73                       | -4.73                       | -2.10           | 16.90              | 29.73                    | -12.83               |
|                        |            |         | AVG      | 242     | 62       | 19.00                 | 23.73                       | -4.73                       | -2.10           | 16.90              | 29.73                    | -12.83               |
|                        | 5670       | 134     | AVG      | 242     | 61       | 15.79                 | 23.73                       | -7.94                       | -2.10           | 13.69              | 29.73                    | -16.04               |
|                        |            |         | AVG      | 242     | 62       | 16.00                 | 23.73                       | -7.73                       | -2.10           | 13.90              | 29.73                    | -15.83               |
|                        | 5710       | 142     | AVG      | 106     | 53       | 17.30                 | 23.73                       | -6.43                       | -2.10           | 15.20              | 29.73                    | -14.53               |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.73                       | -5.73                       | -2.10           | 15.90              | 29.73                    | -13.83               |
|                        |            |         | AVG      | 106     | 56       | 17.64                 | 23.73                       | -6.09                       | -2.10           | 15.54              | 29.73                    | -14.19               |
|                        | 5755       | 151     | AVG      | 242     | 61       | 20.29                 | 23.98                       | -3.69                       | -1.30           | 18.99              | -                        | -                    |
|                        |            |         | AVG      | 242     | 62       | 20.50                 | 23.98                       | -3.48                       | -1.30           | 19.20              | -                        | -                    |
|                        | 5795       | 159     | AVG      | 242     | 61       | 20.50                 | 23.98                       | -3.48                       | -1.30           | 19.20              | -                        | -                    |
|                        |            |         | AVG      | 242     | 62       | 20.50                 | 23.98                       | -3.48                       | -1.30           | 19.20              | -                        | -                    |

Table 7-24. ISED Antenna 2b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                              | EUT Type:<br>Tablet Device            | Page 190 of 958                 |

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5210       | 42      | AVG      | 484     | 65       | 13.37                 | -                           | -                           | -0.20           | 13.17              | 22.77                    | -9.60                |
|                        |            |         | AVG      | 484     | 66       | 13.50                 | -                           | -                           | -0.20           | 13.30              | 22.77                    | -9.47                |
|                        | 5290       | 58      | AVG      | 484     | 65       | 12.90                 | 23.76                       | -10.86                      | 0.00            | 12.90              | 29.76                    | -16.86               |
|                        |            |         | AVG      | 484     | 66       | 13.00                 | 23.76                       | -10.76                      | 0.00            | 13.00              | 29.76                    | -16.76               |
|                        | 5530       | 106     | AVG      | 484     | 65       | 12.72                 | 23.73                       | -11.01                      | -2.10           | 10.62              | 29.73                    | -19.11               |
|                        |            |         | AVG      | 484     | 66       | 13.00                 | 23.73                       | -10.73                      | -2.10           | 10.90              | 29.73                    | -18.83               |
|                        | 5690       | 138     | AVG      | 106     | 53       | 17.50                 | 23.73                       | -6.23                       | -2.10           | 15.40              | 29.73                    | -14.33               |
|                        |            |         | AVG      | 106     | 56       | 17.95                 | 23.73                       | -5.78                       | -2.10           | 15.85              | 29.73                    | -13.88               |
|                        |            |         | AVG      | 106     | 60       | 17.68                 | 23.73                       | -6.05                       | -2.10           | 15.58              | 29.73                    | -14.15               |
|                        | 5775       | 155     | AVG      | 484     | 65       | 18.00                 | 23.47                       | -5.47                       | -1.30           | 16.70              | 29.47                    | -12.77               |
|                        |            |         | AVG      | 484     | 66       | 18.00                 | 23.47                       | -5.47                       | -1.30           | 16.70              | 29.47                    | -12.77               |

Table 7-25. ISED Antenna 2b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

|                                         |                                                                                                                                         |                            |                                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br><b>(CERTIFICATION)</b> |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                                  | EUT Type:<br>Tablet Device | Page 191 of 958                 |

## FCC Antenna 2b Conducted Output Power Measurements (Fully-loaded RU)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5180       | 36      | AVG      | 242     | 61       | 16.50                 | 23.98                       | -7.48                       |
|                        | 5200       | 40      | AVG      | 242     | 61       | 20.00                 | 23.98                       | -3.98                       |
|                        | 5240       | 48      | AVG      | 242     | 61       | 19.90                 | 23.98                       | -4.08                       |
|                        | 5260       | 52      | AVG      | 242     | 61       | 19.92                 | 23.76                       | -3.84                       |
|                        | 5300       | 60      | AVG      | 242     | 61       | 20.00                 | 23.76                       | -3.76                       |
|                        | 5320       | 64      | AVG      | 242     | 61       | 16.42                 | 23.76                       | -7.34                       |
|                        | 5500       | 100     | AVG      | 242     | 61       | 15.42                 | 23.73                       | -8.31                       |
|                        | 5520       | 104     | AVG      | 242     | 61       | 18.43                 | 23.73                       | -5.30                       |
|                        | 5540       | 108     | AVG      | 242     | 61       | 20.00                 | 23.73                       | -3.73                       |
|                        | 5580       | 116     | AVG      | 242     | 61       | 20.00                 | 23.73                       | -3.73                       |
|                        | 5660       | 132     | AVG      | 242     | 61       | 19.90                 | 23.73                       | -3.83                       |
|                        | 5680       | 136     | AVG      | 242     | 61       | 19.00                 | 23.73                       | -4.73                       |
|                        | 5700       | 140     | AVG      | 242     | 61       | 14.00                 | 23.73                       | -9.73                       |
|                        | 5720       | 144     | AVG      | 242     | 61       | 20.00                 | 23.73                       | -3.73                       |
|                        | 5745       | 149     | AVG      | 242     | 61       | 21.00                 | 30.00                       | -9.00                       |
|                        | 5785       | 157     | AVG      | 242     | 61       | 21.00                 | 30.00                       | -9.00                       |
|                        | 5825       | 165     | AVG      | 242     | 61       | 21.00                 | 30.00                       | -9.00                       |

Table 7-26. FCC Antenna 2b 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5190       | 38      | AVG      | 484     | 65       | 14.33                 | 23.98                       | -9.65                       |
|                        | 5230       | 46      | AVG      | 484     | 65       | 20.00                 | 23.98                       | -3.98                       |
|                        | 5270       | 54      | AVG      | 484     | 65       | 19.91                 | 23.76                       | -3.85                       |
|                        | 5310       | 62      | AVG      | 484     | 65       | 14.45                 | 23.76                       | -9.31                       |
|                        | 5510       | 102     | AVG      | 484     | 65       | 12.75                 | 23.73                       | -10.98                      |
|                        | 5550       | 110     | AVG      | 484     | 65       | 19.00                 | 23.73                       | -4.73                       |
|                        | 5590       | 118     | AVG      | 484     | 65       | 20.93                 | 23.73                       | -2.80                       |
|                        | 5590       | 134     | AVG      | 484     | 65       | 15.99                 | 23.73                       | -7.74                       |
|                        | 5710       | 142     | AVG      | 484     | 65       | 20.90                 | 23.73                       | -2.83                       |
|                        | 5755       | 151     | AVG      | 484     | 65       | 20.40                 | 23.98                       | -3.58                       |
|                        | 5795       | 159     | AVG      | 484     | 65       | 20.50                 | 23.98                       | -3.48                       |

Table 7-27. FCC Antenna 2b 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5210       | 42      | AVG      | 996     | 67       | 13.50                 | 23.98                       | -10.48                      |
|                        | 5290       | 58      | AVG      | 996     | 67       | 13.00                 | 23.76                       | -10.76                      |
|                        | 5530       | 106     | AVG      | 996     | 67       | 13.00                 | 23.73                       | -10.73                      |
|                        | 5610       | 122     | AVG      | 996     | 67       | 16.90                 | 23.73                       | -6.83                       |
|                        | 5690       | 138     | AVG      | 996     | 67       | 20.92                 | 23.73                       | -2.81                       |
|                        | 5775       | 155     | AVG      | 996     | 67       | 18.00                 | 23.47                       | -5.47                       |

Table 7-28. FCC Antenna 2b 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

|                                         |                                                                                                                                  |                            |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                           | EUT Type:<br>Tablet Device | Page 192 of 958                 |

## ISED Antenna 2b Conducted Output Power Measurements (Fully-loaded RU)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5180       | 36      | AVG      | 242     | 61       | 15.22                 | -                           | -                           | -0.20           | 15.02              | 22.77                    | -7.75                |
|                        | 5200       | 40      | AVG      | 242     | 61       | 15.25                 | -                           | -                           | -0.20           | 15.05              | 22.77                    | -7.72                |
|                        | 5240       | 48      | AVG      | 242     | 61       | 15.00                 | -                           | -                           | -0.20           | 14.80              | 22.77                    | -7.97                |
|                        | 5260       | 52      | AVG      | 242     | 61       | 19.92                 | 23.76                       | -3.84                       | 0.00            | 19.92              | 29.76                    | -9.84                |
|                        | 5300       | 60      | AVG      | 242     | 61       | 20.00                 | 23.76                       | -3.76                       | 0.00            | 20.00              | 29.76                    | -9.76                |
|                        | 5320       | 64      | AVG      | 242     | 61       | 16.42                 | 23.76                       | -7.34                       | 0.00            | 16.42              | 29.76                    | -13.34               |
|                        | 5500       | 100     | AVG      | 242     | 61       | 15.42                 | 23.73                       | -8.31                       | -2.10           | 13.32              | 29.73                    | -16.41               |
|                        | 5520       | 104     | AVG      | 242     | 61       | 18.43                 | 23.73                       | -5.30                       | -2.10           | 16.33              | 29.73                    | -13.40               |
|                        | 5540       | 108     | AVG      | 242     | 61       | 20.00                 | 23.73                       | -3.73                       | -2.10           | 17.90              | 29.73                    | -11.83               |
|                        | 5580       | 116     | AVG      | 242     | 61       | 20.00                 | 23.73                       | -3.73                       | -2.10           | 17.90              | 29.73                    | -11.83               |
|                        | 5660       | 132     | AVG      | 242     | 61       | 19.90                 | 23.73                       | -3.83                       | -2.10           | 17.80              | 29.73                    | -11.93               |
|                        | 5680       | 136     | AVG      | 242     | 61       | 19.00                 | 23.73                       | -4.73                       | -2.10           | 16.90              | 29.73                    | -12.83               |
|                        | 5700       | 140     | AVG      | 242     | 61       | 14.00                 | 23.73                       | -9.73                       | -2.10           | 11.90              | 29.73                    | -17.83               |
|                        | 5720       | 144     | AVG      | 242     | 61       | 20.00                 | 23.73                       | -3.73                       | -2.10           | 17.90              | 29.73                    | -11.83               |
|                        | 5745       | 149     | AVG      | 242     | 61       | 21.00                 | 30.00                       | -9.00                       | -1.30           | 19.70              | -                        | -                    |
|                        | 5785       | 157     | AVG      | 242     | 61       | 21.00                 | 30.00                       | -9.00                       | -1.30           | 19.70              | -                        | -                    |
|                        | 5825       | 165     | AVG      | 242     | 61       | 21.00                 | 30.00                       | -9.00                       | -1.30           | 19.70              | -                        | -                    |

Table 7-29. ISED Antenna 2b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5190       | 38      | AVG      | 484     | 65       | 14.50                 | -                           | -                           | -0.20           | 14.30              | 22.77                    | -8.47                |
|                        | 5230       | 46      | AVG      | 484     | 65       | 17.63                 | -                           | -                           | -0.20           | 17.43              | 22.77                    | -5.34                |
|                        | 5270       | 54      | AVG      | 484     | 65       | 19.91                 | 23.76                       | -3.85                       | 0.00            | 19.91              | 29.76                    | -9.85                |
|                        | 5310       | 62      | AVG      | 484     | 65       | 14.45                 | 23.76                       | -9.31                       | 0.00            | 14.45              | 29.76                    | -15.31               |
|                        | 5510       | 102     | AVG      | 484     | 65       | 12.75                 | 23.73                       | -10.98                      | -2.10           | 10.65              | 29.73                    | -19.08               |
|                        | 5550       | 110     | AVG      | 484     | 65       | 19.00                 | 23.73                       | -4.73                       | -2.10           | 16.90              | 29.73                    | -12.83               |
|                        | 5590       | 134     | AVG      | 484     | 65       | 15.99                 | 23.73                       | -7.74                       | -2.10           | 13.89              | 29.73                    | -15.84               |
|                        | 5710       | 142     | AVG      | 484     | 65       | 20.90                 | 23.73                       | -2.83                       | -2.10           | 18.80              | 29.73                    | -10.93               |
|                        | 5755       | 151     | AVG      | 484     | 65       | 20.40                 | 23.98                       | -3.58                       | -1.30           | 19.10              | -                        | -                    |
|                        | 5795       | 159     | AVG      | 484     | 65       | 20.50                 | 23.98                       | -3.48                       | -1.30           | 19.20              | -                        | -                    |

Table 7-30. ISED Antenna 2b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5210       | 42      | AVG      | 996     | 67       | 13.50                 | -                           | -                           | -0.20           | 13.30              | 22.77                    | -9.47                |
|                        | 5290       | 58      | AVG      | 996     | 67       | 13.00                 | 23.76                       | -10.76                      | 0.00            | 13.00              | 29.76                    | -16.76               |
|                        | 5530       | 106     | AVG      | 996     | 67       | 13.00                 | 23.73                       | -10.73                      | -2.10           | 10.90              | 29.73                    | -18.83               |
|                        | 5690       | 138     | AVG      | 996     | 67       | 20.92                 | 23.73                       | -2.81                       | -2.10           | 18.82              | 29.73                    | -10.91               |
|                        | 5775       | 155     | AVG      | 996     | 67       | 18.00                 | 23.47                       | -5.47                       | -1.30           | 16.70              | -                        | -                    |

Table 7-31. ISED Antenna 2b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

|                                         |                                                                                                                                  |                            |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                           | EUT Type:<br>Tablet Device | Page 193 of 958                 |

## FCC Antenna 2a Conducted Output Power Measurements (RU26)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5180       | 36      | AVG      | 26      | 0        | 10.61                 | 23.98                       | -13.37                      |
|                        |            |         | AVG      | 26      | 4        | 11.00                 | 23.98                       | -12.98                      |
|                        |            |         | AVG      | 26      | 8        | 10.69                 | 23.98                       | -13.29                      |
|                        | 5200       | 40      | AVG      | 26      | 0        | 10.35                 | 23.98                       | -13.63                      |
|                        |            |         | AVG      | 26      | 4        | 10.95                 | 23.98                       | -13.03                      |
|                        |            |         | AVG      | 26      | 8        | 10.41                 | 23.98                       | -13.57                      |
|                        | 5240       | 48      | AVG      | 26      | 0        | 10.49                 | 23.98                       | -13.49                      |
|                        |            |         | AVG      | 26      | 4        | 11.00                 | 23.98                       | -12.98                      |
|                        |            |         | AVG      | 26      | 8        | 10.58                 | 23.98                       | -13.40                      |
|                        | 5260       | 52      | AVG      | 26      | 0        | 10.56                 | 23.76                       | -13.20                      |
|                        |            |         | AVG      | 26      | 4        | 10.98                 | 23.76                       | -12.78                      |
|                        |            |         | AVG      | 26      | 8        | 10.68                 | 23.76                       | -13.08                      |
|                        | 5300       | 60      | AVG      | 26      | 0        | 10.48                 | 23.76                       | -13.28                      |
|                        |            |         | AVG      | 26      | 4        | 11.00                 | 23.76                       | -12.76                      |
|                        |            |         | AVG      | 26      | 8        | 10.68                 | 23.76                       | -13.08                      |
|                        | 5320       | 64      | AVG      | 26      | 0        | 10.43                 | 23.76                       | -13.33                      |
|                        |            |         | AVG      | 26      | 4        | 10.95                 | 23.76                       | -12.81                      |
|                        |            |         | AVG      | 26      | 8        | 10.57                 | 23.76                       | -13.19                      |
|                        | 5500       | 100     | AVG      | 26      | 0        | 10.42                 | 23.73                       | -13.31                      |
|                        |            |         | AVG      | 26      | 4        | 10.90                 | 23.73                       | -12.83                      |
|                        |            |         | AVG      | 26      | 8        | 10.62                 | 23.73                       | -13.11                      |
|                        | 5580       | 116     | AVG      | 26      | 0        | 10.50                 | 23.73                       | -13.23                      |
|                        |            |         | AVG      | 26      | 4        | 11.00                 | 23.73                       | -12.73                      |
|                        |            |         | AVG      | 26      | 8        | 10.56                 | 23.73                       | -13.17                      |
|                        | 5720       | 144     | AVG      | 26      | 0        | 10.49                 | 23.73                       | -13.24                      |
|                        |            |         | AVG      | 26      | 4        | 10.92                 | 23.73                       | -12.81                      |
|                        |            |         | AVG      | 26      | 8        | 10.35                 | 23.73                       | -13.38                      |
|                        | 5745       | 149     | AVG      | 26      | 0        | 19.78                 | 30.00                       | -10.22                      |
|                        |            |         | AVG      | 26      | 4        | 20.00                 | 30.00                       | -10.00                      |
|                        |            |         | AVG      | 26      | 8        | 19.60                 | 30.00                       | -10.40                      |
|                        | 5785       | 157     | AVG      | 26      | 0        | 19.77                 | 30.00                       | -10.23                      |
|                        |            |         | AVG      | 26      | 4        | 20.00                 | 30.00                       | -10.00                      |
|                        |            |         | AVG      | 26      | 8        | 19.65                 | 30.00                       | -10.35                      |
|                        | 5825       | 165     | AVG      | 26      | 0        | 19.75                 | 30.00                       | -10.25                      |
|                        |            |         | AVG      | 26      | 4        | 20.00                 | 30.00                       | -10.00                      |
|                        |            |         | AVG      | 26      | 8        | 19.57                 | 30.00                       | -10.43                      |

Table 7-32. FCC Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                              | EUT Type:<br>Tablet Device            | Page 194 of 958                 |

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5190       | 38      | AVG      | 26      | 0        | 9.60                  | 23.98                       | -14.38                      |
|                        |            |         | AVG      | 26      | 8        | 10.94                 | 23.98                       | -13.04                      |
|                        |            |         | AVG      | 26      | 17       | 9.91                  | 23.98                       | -14.07                      |
|                        | 5230       | 46      | AVG      | 26      | 0        | 9.68                  | 23.98                       | -14.30                      |
|                        |            |         | AVG      | 26      | 8        | 10.89                 | 23.98                       | -13.09                      |
|                        |            |         | AVG      | 26      | 17       | 9.89                  | 23.98                       | -14.09                      |
|                        | 5270       | 54      | AVG      | 26      | 0        | 9.96                  | 23.76                       | -13.80                      |
|                        |            |         | AVG      | 26      | 8        | 11.00                 | 23.76                       | -12.76                      |
|                        |            |         | AVG      | 26      | 17       | 9.99                  | 23.76                       | -13.77                      |
|                        | 5310       | 62      | AVG      | 26      | 0        | 9.79                  | 23.76                       | -13.97                      |
|                        |            |         | AVG      | 26      | 8        | 10.90                 | 23.76                       | -12.86                      |
|                        |            |         | AVG      | 26      | 17       | 9.98                  | 23.76                       | -13.78                      |
|                        | 5510       | 102     | AVG      | 26      | 0        | 10.00                 | 23.73                       | -13.73                      |
|                        |            |         | AVG      | 26      | 8        | 11.00                 | 23.73                       | -12.73                      |
|                        |            |         | AVG      | 26      | 17       | 10.24                 | 23.73                       | -13.49                      |
|                        | 5550       | 110     | AVG      | 26      | 0        | 9.76                  | 23.73                       | -13.97                      |
|                        |            |         | AVG      | 26      | 8        | 10.85                 | 23.73                       | -12.88                      |
|                        |            |         | AVG      | 26      | 17       | 10.08                 | 23.73                       | -13.65                      |
|                        | 5710       | 142     | AVG      | 26      | 0        | 10.24                 | 23.73                       | -13.49                      |
|                        |            |         | AVG      | 26      | 8        | 11.00                 | 23.73                       | -12.73                      |
|                        |            |         | AVG      | 26      | 17       | 10.27                 | 23.73                       | -13.46                      |
|                        | 5755       | 151     | AVG      | 26      | 0        | 18.74                 | 23.98                       | -5.24                       |
|                        |            |         | AVG      | 26      | 8        | 19.50                 | 23.98                       | -4.48                       |
|                        |            |         | AVG      | 26      | 17       | 18.82                 | 23.98                       | -5.16                       |
|                        | 5795       | 159     | AVG      | 26      | 0        | 18.80                 | 23.98                       | -5.18                       |
|                        |            |         | AVG      | 26      | 8        | 19.50                 | 23.98                       | -4.48                       |
|                        |            |         | AVG      | 26      | 17       | 18.80                 | 23.98                       | -5.18                       |

Table 7-33. FCC Antenna 2a 40MHz BW (UNII) Maximum Conducted Output Power (RU26)

|                                         |                                                                                                                                  |                            |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                           | EUT Type:<br>Tablet Device | Page 195 of 958                 |

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5210       | 42      | AVG      | 26      | 0        | 9.11                  | 23.98                       | -14.87                      |
|                        |            |         | AVG      | 26      | 18       | 10.00                 | 23.98                       | -13.98                      |
|                        |            |         | AVG      | 26      | 36       | 9.28                  | 23.98                       | -14.70                      |
|                        | 5290       | 58      | AVG      | 26      | 0        | 8.51                  | 23.76                       | -15.25                      |
|                        |            |         | AVG      | 26      | 18       | 9.50                  | 23.76                       | -14.26                      |
|                        |            |         | AVG      | 26      | 36       | 8.76                  | 23.76                       | -15.00                      |
|                        | 5530       | 106     | AVG      | 26      | 0        | 8.56                  | 23.73                       | -15.17                      |
|                        |            |         | AVG      | 26      | 18       | 9.50                  | 23.73                       | -14.23                      |
|                        |            |         | AVG      | 26      | 36       | 8.78                  | 23.73                       | -14.95                      |
|                        | 5610       | 122     | AVG      | 26      | 0        | 10.33                 | 23.73                       | -13.40                      |
|                        |            |         | AVG      | 26      | 18       | 11.00                 | 23.73                       | -12.73                      |
|                        |            |         | AVG      | 26      | 36       | 10.24                 | 23.73                       | -13.49                      |
|                        | 5690       | 138     | AVG      | 26      | 0        | 10.35                 | 23.73                       | -13.38                      |
|                        |            |         | AVG      | 26      | 18       | 11.00                 | 23.73                       | -12.73                      |
|                        |            |         | AVG      | 26      | 36       | 10.00                 | 23.73                       | -13.73                      |
|                        | 5775       | 155     | AVG      | 26      | 0        | 16.33                 | 23.47                       | -7.14                       |
|                        |            |         | AVG      | 26      | 18       | 17.00                 | 23.47                       | -6.47                       |
|                        |            |         | AVG      | 26      | 36       | 16.22                 | 23.47                       | -7.25                       |

Table 7-34. FCC Antenna 2a 80MHz BW (UNII) Maximum Conducted Output Power (RU26)

|                                         |                                                                                                                                  |                            |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                           | EUT Type:<br>Tablet Device | Page 196 of 958                 |

## ISED Antenna 2a Conducted Output Power Measurements (RU26)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          |         |          |                       |                             |                             |                 |                    |                          |                      |
|                        | 5180       | 36      | AVG      | 26      | 0        | 5.46                  | -                           | -                           | 2.60            | 8.06               | 22.77                    | -14.71               |
|                        |            |         | AVG      | 26      | 4        | 5.75                  | -                           | -                           | 2.60            | 8.35               | 22.77                    | -14.42               |
|                        |            |         | AVG      | 26      | 8        | 5.52                  | -                           | -                           | 2.60            | 8.12               | 22.77                    | -14.65               |
|                        | 5200       | 40      | AVG      | 26      | 0        | 5.17                  | -                           | -                           | 2.60            | 7.77               | 22.77                    | -15.00               |
|                        |            |         | AVG      | 26      | 4        | 5.61                  | -                           | -                           | 2.60            | 8.21               | 22.77                    | -14.56               |
|                        |            |         | AVG      | 26      | 8        | 5.28                  | -                           | -                           | 2.60            | 7.88               | 22.77                    | -14.89               |
|                        | 5240       | 48      | AVG      | 26      | 0        | 5.17                  | -                           | -                           | 2.60            | 7.77               | 22.77                    | -15.00               |
|                        |            |         | AVG      | 26      | 4        | 5.69                  | -                           | -                           | 2.60            | 8.29               | 22.77                    | -14.48               |
|                        |            |         | AVG      | 26      | 8        | 5.26                  | -                           | -                           | 2.60            | 7.86               | 22.77                    | -14.91               |
|                        | 5260       | 52      | AVG      | 26      | 0        | 10.56                 | 23.76                       | -13.20                      | 2.90            | 13.46              | 29.76                    | -16.30               |
|                        |            |         | AVG      | 26      | 4        | 10.98                 | 23.76                       | -12.78                      | 2.90            | 13.88              | 29.76                    | -15.88               |
|                        |            |         | AVG      | 26      | 8        | 10.68                 | 23.76                       | -13.08                      | 2.90            | 13.58              | 29.76                    | -16.18               |
|                        | 5300       | 60      | AVG      | 26      | 0        | 10.48                 | 23.76                       | -13.28                      | 2.90            | 13.38              | 29.76                    | -16.38               |
|                        |            |         | AVG      | 26      | 4        | 11.00                 | 23.76                       | -12.76                      | 2.90            | 13.90              | 29.76                    | -15.86               |
|                        |            |         | AVG      | 26      | 8        | 10.68                 | 23.76                       | -13.08                      | 2.90            | 13.58              | 29.76                    | -16.18               |
|                        | 5320       | 64      | AVG      | 26      | 0        | 10.43                 | 23.76                       | -13.33                      | 2.90            | 13.33              | 29.76                    | -16.43               |
|                        |            |         | AVG      | 26      | 4        | 10.95                 | 23.76                       | -12.81                      | 2.90            | 13.85              | 29.76                    | -15.91               |
|                        |            |         | AVG      | 26      | 8        | 10.57                 | 23.76                       | -13.19                      | 2.90            | 13.47              | 29.76                    | -16.29               |
|                        | 5500       | 100     | AVG      | 26      | 0        | 10.42                 | 23.73                       | -13.31                      | 2.60            | 13.02              | 29.73                    | -16.71               |
|                        |            |         | AVG      | 26      | 4        | 10.90                 | 23.73                       | -12.83                      | 2.60            | 13.50              | 29.73                    | -16.23               |
|                        |            |         | AVG      | 26      | 8        | 10.62                 | 23.73                       | -13.11                      | 2.60            | 13.22              | 29.73                    | -16.51               |
|                        | 5580       | 116     | AVG      | 26      | 0        | 10.50                 | 23.73                       | -13.23                      | 2.60            | 13.10              | 29.73                    | -16.63               |
|                        |            |         | AVG      | 26      | 4        | 11.00                 | 23.73                       | -12.73                      | 2.60            | 13.60              | 29.73                    | -16.13               |
|                        |            |         | AVG      | 26      | 8        | 10.56                 | 23.73                       | -13.17                      | 2.60            | 13.16              | 29.73                    | -16.57               |
|                        | 5720       | 144     | AVG      | 26      | 0        | 10.49                 | 23.73                       | -13.24                      | 2.60            | 13.09              | 29.73                    | -16.64               |
|                        |            |         | AVG      | 26      | 4        | 10.92                 | 23.73                       | -12.81                      | 2.60            | 13.52              | 29.73                    | -16.21               |
|                        |            |         | AVG      | 26      | 8        | 10.35                 | 23.73                       | -13.38                      | 2.60            | 12.95              | 29.73                    | -16.78               |
|                        | 5745       | 149     | AVG      | 26      | 0        | 19.78                 | 30.00                       | -10.22                      | 0.90            | 20.68              | -                        | -                    |
|                        |            |         | AVG      | 26      | 4        | 20.00                 | 30.00                       | -10.00                      | 0.90            | 20.90              | -                        | -                    |
|                        |            |         | AVG      | 26      | 8        | 19.60                 | 30.00                       | -10.40                      | 0.90            | 20.50              | -                        | -                    |
|                        | 5785       | 157     | AVG      | 26      | 0        | 19.77                 | 30.00                       | -10.23                      | 0.90            | 20.67              | -                        | -                    |
|                        |            |         | AVG      | 26      | 4        | 20.00                 | 30.00                       | -10.00                      | 0.90            | 20.90              | -                        | -                    |
|                        |            |         | AVG      | 26      | 8        | 19.65                 | 30.00                       | -10.35                      | 0.90            | 20.55              | -                        | -                    |
|                        | 5825       | 165     | AVG      | 26      | 0        | 19.75                 | 30.00                       | -10.25                      | 0.90            | 20.65              | -                        | -                    |
|                        |            |         | AVG      | 26      | 4        | 20.00                 | 30.00                       | -10.00                      | 0.90            | 20.90              | -                        | -                    |
|                        |            |         | AVG      | 26      | 8        | 19.57                 | 30.00                       | -10.43                      | 0.90            | 20.47              | -                        | -                    |

Table 7-35. ISED Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

|                                         |                                                                                                                                  |                            |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                           | EUT Type:<br>Tablet Device | Page 197 of 958                 |

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          |         |          |                       |                             |                             |                 |                    |                          |                      |
|                        | 5190       | 38      | AVG      | 26      | 0        | 4.72                  | -                           | -                           | 2.60            | 7.32               | 22.77                    | -15.45               |
|                        |            |         | AVG      | 26      | 8        | 5.69                  | -                           | -                           | 2.60            | 8.29               | 22.77                    | -14.48               |
|                        |            |         | AVG      | 26      | 17       | 4.93                  | -                           | -                           | 2.60            | 7.53               | 22.77                    | -15.24               |
|                        | 5230       | 46      | AVG      | 26      | 0        | 4.54                  | -                           | -                           | 2.60            | 7.14               | 22.77                    | -15.63               |
|                        |            |         | AVG      | 26      | 8        | 5.75                  | -                           | -                           | 2.60            | 8.35               | 22.77                    | -14.42               |
|                        |            |         | AVG      | 26      | 17       | 4.80                  | -                           | -                           | 2.60            | 7.40               | 22.77                    | -15.37               |
|                        | 5270       | 54      | AVG      | 26      | 0        | 9.96                  | 23.76                       | -13.80                      | 2.90            | 12.86              | 29.76                    | -16.90               |
|                        |            |         | AVG      | 26      | 8        | 11.00                 | 23.76                       | -12.76                      | 2.90            | 13.90              | 29.76                    | -15.86               |
|                        |            |         | AVG      | 26      | 17       | 9.99                  | 23.76                       | -13.77                      | 2.90            | 12.89              | 29.76                    | -16.87               |
|                        | 5310       | 62      | AVG      | 26      | 0        | 9.79                  | 23.76                       | -13.97                      | 2.90            | 12.69              | 29.76                    | -17.07               |
|                        |            |         | AVG      | 26      | 8        | 10.90                 | 23.76                       | -12.86                      | 2.90            | 13.80              | 29.76                    | -15.96               |
|                        |            |         | AVG      | 26      | 17       | 9.98                  | 23.76                       | -13.78                      | 2.90            | 12.88              | 29.76                    | -16.88               |
|                        | 5510       | 102     | AVG      | 26      | 0        | 10.00                 | 23.73                       | -13.73                      | 2.60            | 12.60              | 29.73                    | -17.13               |
|                        |            |         | AVG      | 26      | 8        | 11.00                 | 23.73                       | -12.73                      | 2.60            | 13.60              | 29.73                    | -16.13               |
|                        |            |         | AVG      | 26      | 17       | 10.24                 | 23.73                       | -13.49                      | 2.60            | 12.84              | 29.73                    | -16.89               |
|                        | 5550       | 110     | AVG      | 26      | 0        | 9.76                  | 23.73                       | -13.97                      | 2.60            | 12.36              | 29.73                    | -17.37               |
|                        |            |         | AVG      | 26      | 8        | 10.85                 | 23.73                       | -12.88                      | 2.60            | 13.45              | 29.73                    | -16.28               |
|                        |            |         | AVG      | 26      | 17       | 10.08                 | 23.73                       | -13.65                      | 2.60            | 12.68              | 29.73                    | -17.05               |
|                        | 5710       | 142     | AVG      | 26      | 0        | 10.24                 | 23.73                       | -13.49                      | 2.60            | 12.84              | 29.73                    | -16.89               |
|                        |            |         | AVG      | 26      | 8        | 11.00                 | 23.73                       | -12.73                      | 2.60            | 13.60              | 29.73                    | -16.13               |
|                        |            |         | AVG      | 26      | 17       | 10.27                 | 23.73                       | -13.46                      | 2.60            | 12.87              | 29.73                    | -16.86               |
|                        | 5755       | 151     | AVG      | 26      | 0        | 18.74                 | 23.98                       | -5.24                       | 0.90            | 19.64              | -                        | -                    |
|                        |            |         | AVG      | 26      | 8        | 19.50                 | 23.98                       | -4.48                       | 0.90            | 20.40              | -                        | -                    |
|                        |            |         | AVG      | 26      | 17       | 18.82                 | 23.98                       | -5.16                       | 0.90            | 19.72              | -                        | -                    |
|                        | 5795       | 159     | AVG      | 26      | 0        | 18.80                 | 23.98                       | -5.18                       | 0.90            | 19.70              | -                        | -                    |
|                        |            |         | AVG      | 26      | 8        | 19.50                 | 23.98                       | -4.48                       | 0.90            | 20.40              | -                        | -                    |
|                        |            |         | AVG      | 26      | 17       | 18.80                 | 23.98                       | -5.18                       | 0.90            | 19.70              | -                        | -                    |

Table 7-36. ISED Antenna 2a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          |         |          |                       |                             |                             |                 |                    |                          |                      |
|                        | 5210       | 42      | AVG      | 26      | 0        | 4.88                  | -                           | -                           | 2.60            | 7.48               | 22.77                    | -15.29               |
|                        |            |         | AVG      | 26      | 18       | 5.75                  | -                           | -                           | 2.60            | 8.35               | 22.77                    | -14.42               |
|                        |            |         | AVG      | 26      | 36       | 4.84                  | -                           | -                           | 2.60            | 7.44               | 22.77                    | -15.33               |
|                        | 5290       | 58      | AVG      | 26      | 0        | 8.51                  | 23.76                       | -15.25                      | 2.90            | 11.41              | 29.76                    | -18.35               |
|                        |            |         | AVG      | 26      | 18       | 9.50                  | 23.76                       | -14.26                      | 2.90            | 12.40              | 29.76                    | -17.36               |
|                        |            |         | AVG      | 26      | 36       | 8.76                  | 23.76                       | -15.00                      | 2.90            | 11.66              | 29.76                    | -18.10               |
|                        | 5530       | 106     | AVG      | 26      | 0        | 8.56                  | 23.73                       | -15.17                      | 2.60            | 11.16              | 29.73                    | -18.57               |
|                        |            |         | AVG      | 26      | 18       | 9.50                  | 23.73                       | -14.23                      | 2.60            | 12.10              | 29.73                    | -17.63               |
|                        |            |         | AVG      | 26      | 36       | 8.78                  | 23.73                       | -14.95                      | 2.60            | 11.38              | 29.73                    | -18.35               |
|                        | 5690       | 138     | AVG      | 26      | 0        | 10.35                 | 23.73                       | -13.38                      | 2.60            | 12.95              | 29.73                    | -16.78               |
|                        |            |         | AVG      | 26      | 18       | 11.00                 | 23.73                       | -12.73                      | 2.60            | 13.60              | 29.73                    | -16.13               |
|                        |            |         | AVG      | 26      | 36       | 10.00                 | 23.73                       | -13.73                      | 2.60            | 12.60              | 29.73                    | -17.13               |
|                        | 5775       | 155     | AVG      | 26      | 0        | 16.33                 | 23.47                       | -7.14                       | 0.90            | 17.23              | -                        | -                    |
|                        |            |         | AVG      | 26      | 18       | 17.00                 | 23.47                       | -6.47                       | 0.90            | 17.90              | -                        | -                    |
|                        |            |         | AVG      | 26      | 36       | 16.22                 | 23.47                       | -7.25                       | 0.90            | 17.12              | -                        | -                    |

Table 7-37. ISED Antenna 2a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 198 of 958                 |

# FCC Antenna 2a Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5180       | 36      | AVG      | 106     | 53       | 15.50                 | 23.98                       | -8.48                       |
|                        |            |         | AVG      | 106     | 54       | 15.50                 | 23.98                       | -8.48                       |
|                        | 5200       | 40      | AVG      | 106     | 53       | 16.85                 | 23.98                       | -7.13                       |
|                        |            |         | AVG      | 106     | 54       | 16.88                 | 23.98                       | -7.10                       |
|                        | 5240       | 48      | AVG      | 106     | 53       | 16.91                 | 23.98                       | -7.07                       |
|                        |            |         | AVG      | 106     | 54       | 17.00                 | 23.98                       | -6.98                       |
|                        | 5260       | 52      | AVG      | 106     | 53       | 17.00                 | 23.76                       | -6.76                       |
|                        |            |         | AVG      | 106     | 54       | 16.94                 | 23.76                       | -6.82                       |
|                        | 5300       | 60      | AVG      | 106     | 53       | 16.90                 | 23.76                       | -6.86                       |
|                        |            |         | AVG      | 106     | 54       | 17.00                 | 23.76                       | -6.76                       |
|                        | 5320       | 64      | AVG      | 106     | 53       | 15.44                 | 23.76                       | -8.32                       |
|                        |            |         | AVG      | 106     | 54       | 15.50                 | 23.76                       | -8.26                       |
|                        | 5500       | 100     | AVG      | 106     | 53       | 14.43                 | 23.73                       | -9.30                       |
|                        |            |         | AVG      | 106     | 54       | 14.45                 | 23.73                       | -9.28                       |
|                        | 5520       | 104     | AVG      | 106     | 53       | 17.00                 | 23.73                       | -6.73                       |
|                        |            |         | AVG      | 106     | 54       | 16.98                 | 23.73                       | -6.75                       |
|                        | 5580       | 116     | AVG      | 106     | 53       | 17.00                 | 23.73                       | -6.73                       |
|                        |            |         | AVG      | 106     | 54       | 16.97                 | 23.73                       | -6.76                       |
|                        | 5680       | 136     | AVG      | 106     | 53       | 17.00                 | 23.73                       | -6.73                       |
|                        |            |         | AVG      | 106     | 54       | 16.90                 | 23.73                       | -6.83                       |
|                        | 5700       | 140     | AVG      | 106     | 53       | 13.00                 | 23.73                       | -10.73                      |
|                        |            |         | AVG      | 106     | 54       | 12.93                 | 23.73                       | -10.80                      |
|                        | 5720       | 144     | AVG      | 106     | 53       | 16.96                 | 23.73                       | -6.77                       |
|                        |            |         | AVG      | 106     | 54       | 16.84                 | 23.73                       | -6.89                       |
|                        | 5745       | 149     | AVG      | 106     | 53       | 20.00                 | 30.00                       | -10.00                      |
|                        |            |         | AVG      | 106     | 54       | 19.90                 | 30.00                       | -10.10                      |
|                        | 5785       | 157     | AVG      | 106     | 53       | 20.00                 | 30.00                       | -10.00                      |
|                        |            |         | AVG      | 106     | 54       | 19.90                 | 30.00                       | -10.10                      |
|                        | 5825       | 165     | AVG      | 106     | 53       | 19.99                 | 30.00                       | -10.01                      |
|                        |            |         | AVG      | 106     | 54       | 19.92                 | 30.00                       | -10.08                      |

Table 7-38. FCC Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

|                                         |                                                                                                                                  |                            |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                           | EUT Type:<br>Tablet Device | Page 199 of 958                 |

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5190       | 38      | AVG      | 242     | 61       | 13.17                 | 23.98                       | -10.81                      |
|                        |            |         | AVG      | 242     | 62       | 13.50                 | 23.98                       | -10.48                      |
|                        | 5230       | 46      | AVG      | 242     | 61       | 18.73                 | 23.98                       | -5.25                       |
|                        |            |         | AVG      | 242     | 62       | 19.00                 | 23.98                       | -4.98                       |
|                        | 5270       | 54      | AVG      | 242     | 61       | 18.72                 | 23.76                       | -5.04                       |
|                        |            |         | AVG      | 242     | 62       | 18.90                 | 23.76                       | -4.86                       |
|                        | 5310       | 62      | AVG      | 242     | 61       | 13.50                 | 23.76                       | -10.26                      |
|                        |            |         | AVG      | 242     | 62       | 13.50                 | 23.76                       | -10.26                      |
|                        | 5510       | 102     | AVG      | 242     | 61       | 11.91                 | 23.73                       | -11.82                      |
|                        |            |         | AVG      | 242     | 62       | 12.00                 | 23.73                       | -11.73                      |
|                        | 5550       | 110     | AVG      | 242     | 61       | 17.90                 | 23.73                       | -5.83                       |
|                        |            |         | AVG      | 242     | 62       | 18.00                 | 23.73                       | -5.73                       |
|                        | 5590       | 118     | AVG      | 242     | 61       | 18.72                 | 23.73                       | -5.01                       |
|                        |            |         | AVG      | 242     | 62       | 19.00                 | 23.73                       | -4.73                       |
|                        | 5670       | 134     | AVG      | 242     | 61       | 14.84                 | 23.73                       | -8.89                       |
|                        |            |         | AVG      | 242     | 62       | 14.98                 | 23.73                       | -8.75                       |
|                        | 5710       | 142     | AVG      | 106     | 53       | 16.66                 | 23.73                       | -7.07                       |
|                        |            |         | AVG      | 106     | 54       | 17.00                 | 23.73                       | -6.73                       |
|                        |            |         | AVG      | 106     | 56       | 16.61                 | 23.73                       | -7.12                       |
|                        | 5755       | 151     | AVG      | 242     | 61       | 19.32                 | 23.98                       | -4.66                       |
|                        |            |         | AVG      | 242     | 62       | 19.50                 | 23.98                       | -4.48                       |
|                        | 5795       | 159     | AVG      | 242     | 61       | 19.43                 | 23.98                       | -4.55                       |
|                        |            |         | AVG      | 242     | 62       | 19.50                 | 23.98                       | -4.48                       |

Table 7-39. FCC Antenna 2a 40MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5210       | 42      | AVG      | 484     | 65       | 12.21                 | 23.98                       | -11.77                      |
|                        |            |         | AVG      | 484     | 66       | 12.44                 | 23.98                       | -11.54                      |
|                        | 5290       | 58      | AVG      | 484     | 65       | 11.82                 | 23.76                       | -11.94                      |
|                        |            |         | AVG      | 484     | 66       | 11.87                 | 23.76                       | -11.89                      |
|                        | 5530       | 106     | AVG      | 484     | 65       | 11.89                 | 23.73                       | -11.84                      |
|                        |            |         | AVG      | 484     | 66       | 11.96                 | 23.73                       | -11.77                      |
|                        | 5610       | 122     | AVG      | 484     | 65       | 15.94                 | 23.73                       | -7.79                       |
|                        |            |         | AVG      | 484     | 66       | 16.00                 | 23.73                       | -7.73                       |
|                        | 5690       | 138     | AVG      | 106     | 53       | 16.83                 | 23.73                       | -6.90                       |
|                        |            |         | AVG      | 106     | 56       | 17.00                 | 23.73                       | -6.73                       |
|                        |            |         | AVG      | 106     | 60       | 16.61                 | 23.73                       | -7.12                       |
|                        | 5775       | 155     | AVG      | 484     | 65       | 16.90                 | 23.47                       | -6.57                       |
|                        |            |         | AVG      | 484     | 66       | 16.91                 | 23.47                       | -6.56                       |

Table 7-40. FCC Antenna 2a 80MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

|                                         |                                                                                                                                  |                            |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                           | EUT Type:<br>Tablet Device | Page 200 of 958                 |

## ISED Antenna 2a Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5180       | 36      | AVG      | 106     | 53       | 11.69                 | -                           | -                           | 2.60            | 14.29              | 22.77                    | -8.48                |
|                        |            |         | AVG      | 106     | 54       | 11.75                 | -                           | -                           | 2.60            | 14.35              | 22.77                    | -8.42                |
|                        | 5200       | 40      | AVG      | 106     | 53       | 11.71                 | -                           | -                           | 2.60            | 14.31              | 22.77                    | -8.46                |
|                        |            |         | AVG      | 106     | 54       | 11.75                 | -                           | -                           | 2.60            | 14.35              | 22.77                    | -8.42                |
|                        | 5240       | 48      | AVG      | 106     | 53       | 11.53                 | -                           | -                           | 2.60            | 14.13              | 22.77                    | -8.64                |
|                        |            |         | AVG      | 106     | 54       | 11.60                 | -                           | -                           | 2.60            | 14.20              | 22.77                    | -8.57                |
|                        | 5260       | 52      | AVG      | 106     | 53       | 17.00                 | 23.76                       | -6.76                       | 2.90            | 19.90              | 29.76                    | -9.86                |
|                        |            |         | AVG      | 106     | 54       | 16.94                 | 23.76                       | -6.82                       | 2.90            | 19.84              | 29.76                    | -9.92                |
|                        | 5300       | 60      | AVG      | 106     | 53       | 16.90                 | 23.76                       | -6.86                       | 2.90            | 19.80              | 29.76                    | -9.96                |
|                        |            |         | AVG      | 106     | 54       | 17.00                 | 23.76                       | -6.76                       | 2.90            | 19.90              | 29.76                    | -9.86                |
|                        | 5320       | 64      | AVG      | 106     | 53       | 15.44                 | 23.76                       | -8.32                       | 2.90            | 18.34              | 29.76                    | -11.42               |
|                        |            |         | AVG      | 106     | 54       | 15.50                 | 23.76                       | -8.26                       | 2.90            | 18.40              | 29.76                    | -11.36               |
|                        | 5500       | 100     | AVG      | 106     | 53       | 14.43                 | 23.73                       | -9.30                       | 2.60            | 17.03              | 29.73                    | -12.70               |
|                        |            |         | AVG      | 106     | 54       | 14.45                 | 23.73                       | -9.28                       | 2.60            | 17.05              | 29.73                    | -12.68               |
|                        | 5520       | 104     | AVG      | 106     | 53       | 17.00                 | 23.73                       | -6.73                       | 2.60            | 19.60              | 29.73                    | -10.13               |
|                        |            |         | AVG      | 106     | 54       | 16.98                 | 23.73                       | -6.75                       | 2.60            | 19.58              | 29.73                    | -10.15               |
|                        | 5580       | 116     | AVG      | 106     | 53       | 17.00                 | 23.73                       | -6.73                       | 2.60            | 19.60              | 29.73                    | -10.13               |
|                        |            |         | AVG      | 106     | 54       | 16.97                 | 23.73                       | -6.76                       | 2.60            | 19.57              | 29.73                    | -10.16               |
|                        | 5680       | 136     | AVG      | 106     | 53       | 17.00                 | 23.73                       | -6.73                       | 2.60            | 19.60              | 29.73                    | -10.13               |
|                        |            |         | AVG      | 106     | 54       | 16.90                 | 23.73                       | -6.83                       | 2.60            | 19.50              | 29.73                    | -10.23               |
|                        | 5700       | 140     | AVG      | 106     | 53       | 13.00                 | 23.73                       | -10.73                      | 2.60            | 15.60              | 29.73                    | -14.13               |
|                        |            |         | AVG      | 106     | 54       | 12.93                 | 23.73                       | -10.80                      | 2.60            | 15.53              | 29.73                    | -14.20               |
|                        | 5720       | 144     | AVG      | 106     | 53       | 16.96                 | 23.73                       | -6.77                       | 2.60            | 19.56              | 29.73                    | -10.17               |
|                        |            |         | AVG      | 106     | 54       | 16.84                 | 23.73                       | -6.89                       | 2.60            | 19.44              | 29.73                    | -10.29               |
|                        | 5745       | 149     | AVG      | 106     | 53       | 20.00                 | 30.00                       | -10.00                      | 0.90            | 20.90              | -                        | -                    |
|                        |            |         | AVG      | 106     | 54       | 19.90                 | 30.00                       | -10.10                      | 0.90            | 20.80              | -                        | -                    |
|                        | 5785       | 157     | AVG      | 106     | 53       | 20.00                 | 30.00                       | -10.00                      | 0.90            | 20.90              | -                        | -                    |
|                        |            |         | AVG      | 106     | 54       | 19.90                 | 30.00                       | -10.10                      | 0.90            | 20.80              | -                        | -                    |
|                        | 5825       | 165     | AVG      | 106     | 53       | 19.99                 | 30.00                       | -10.01                      | 0.90            | 20.89              | -                        | -                    |
|                        |            |         | AVG      | 106     | 54       | 19.92                 | 30.00                       | -10.08                      | 0.90            | 20.82              | -                        | -                    |

Table 7-41. ISED Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5190       | 38      | AVG      | 242     | 61       | 13.17                 | -                           | -                           | 2.60            | 15.77              | 22.77                    | -7.00                |
|                        |            |         | AVG      | 242     | 62       | 13.50                 | -                           | -                           | 2.60            | 16.10              | 22.77                    | -6.67                |
|                        | 5230       | 46      | AVG      | 242     | 61       | 13.98                 | -                           | -                           | 2.60            | 16.58              | 22.77                    | -6.19                |
|                        |            |         | AVG      | 242     | 62       | 14.25                 | -                           | -                           | 2.60            | 16.85              | 22.77                    | -5.92                |
|                        | 5270       | 54      | AVG      | 242     | 61       | 18.72                 | 23.76                       | -5.04                       | 2.90            | 21.62              | 29.76                    | -8.14                |
|                        |            |         | AVG      | 242     | 62       | 18.90                 | 23.76                       | -4.86                       | 2.90            | 21.80              | 29.76                    | -7.96                |
|                        | 5310       | 62      | AVG      | 242     | 61       | 13.50                 | 23.76                       | -10.26                      | 2.90            | 16.40              | 29.76                    | -13.36               |
|                        |            |         | AVG      | 242     | 62       | 13.50                 | 23.76                       | -10.26                      | 2.90            | 16.40              | 29.76                    | -13.36               |
|                        | 5510       | 102     | AVG      | 242     | 61       | 11.91                 | 23.73                       | -11.82                      | 2.60            | 14.51              | 29.73                    | -15.22               |
|                        |            |         | AVG      | 242     | 62       | 12.00                 | 23.73                       | -11.73                      | 2.60            | 14.60              | 29.73                    | -15.13               |
|                        | 5550       | 110     | AVG      | 242     | 61       | 17.90                 | 23.73                       | -5.83                       | 2.60            | 20.50              | 29.73                    | -9.23                |
|                        |            |         | AVG      | 242     | 62       | 18.00                 | 23.73                       | -5.73                       | 2.60            | 20.60              | 29.73                    | -9.13                |
|                        | 5670       | 134     | AVG      | 242     | 61       | 14.84                 | 23.73                       | -8.89                       | 2.60            | 17.44              | 29.73                    | -12.29               |
|                        |            |         | AVG      | 242     | 62       | 14.98                 | 23.73                       | -8.75                       | 2.60            | 17.58              | 29.73                    | -12.15               |
|                        | 5710       | 142     | AVG      | 106     | 53       | 16.66                 | 23.73                       | -7.07                       | 2.60            | 19.26              | 29.73                    | -10.47               |
|                        |            |         | AVG      | 106     | 54       | 17.00                 | 23.73                       | -6.73                       | 2.60            | 19.60              | 29.73                    | -10.13               |
|                        |            |         | AVG      | 106     | 56       | 16.61                 | 23.73                       | -7.12                       | 2.60            | 19.21              | 29.73                    | -10.52               |
|                        | 5755       | 151     | AVG      | 242     | 61       | 19.32                 | 23.98                       | -4.66                       | 0.90            | 20.22              | -                        | -                    |
|                        |            |         | AVG      | 242     | 62       | 19.50                 | 23.98                       | -4.48                       | 0.90            | 20.40              | -                        | -                    |
|                        | 5795       | 159     | AVG      | 242     | 61       | 19.43                 | 23.98                       | -4.55                       | 0.90            | 20.33              | -                        | -                    |
|                        |            |         | AVG      | 242     | 62       | 19.50                 | 23.98                       | -4.48                       | 0.90            | 20.40              | -                        | -                    |

Table 7-42. ISED Antenna 2a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

|                                         |                                                                                     |                                       |  |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|--|---------------------------------|
| FCC ID: BCGA2072                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) |  | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                              | EUT Type:<br>Tablet Device            |  | Page 201 of 958                 |

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5210       | 42      | AVG      | 484     | 65       | 12.21                 | -                           | -                           | 2.60            | 14.81              | 22.77                    | -7.96                |
|                        |            |         | AVG      | 484     | 66       | 12.44                 | -                           | -                           | 2.60            | 15.04              | 22.77                    | -7.73                |
|                        | 5290       | 58      | AVG      | 484     | 65       | 11.82                 | 23.76                       | -11.94                      | 2.90            | 14.72              | 29.76                    | -15.04               |
|                        |            |         | AVG      | 484     | 66       | 11.87                 | 23.76                       | -11.89                      | 2.90            | 14.77              | 29.76                    | -14.99               |
|                        | 5530       | 106     | AVG      | 484     | 65       | 11.89                 | 23.73                       | -11.84                      | 2.60            | 14.49              | 29.73                    | -15.24               |
|                        |            |         | AVG      | 484     | 66       | 11.96                 | 23.73                       | -11.77                      | 2.60            | 14.56              | 29.73                    | -15.17               |
|                        | 5690       | 138     | AVG      | 106     | 53       | 16.83                 | 23.73                       | -6.90                       | 2.60            | 19.43              | 29.73                    | -10.30               |
|                        |            |         | AVG      | 106     | 56       | 17.00                 | 23.73                       | -6.73                       | 2.60            | 19.60              | 29.73                    | -10.13               |
|                        |            |         | AVG      | 106     | 60       | 16.61                 | 23.73                       | -7.12                       | 2.60            | 19.21              | 29.73                    | -10.52               |
|                        | 5775       | 155     | AVG      | 484     | 65       | 16.90                 | 23.47                       | -6.57                       | 0.90            | 17.80              | -                        | -                    |
|                        |            |         | AVG      | 484     | 66       | 16.91                 | 23.47                       | -6.56                       | 0.90            | 17.81              | -                        | -                    |

Table 7-43. ISED Antenna 2a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 202 of 958                 |

## FCC Antenna 2a Conducted Output Power Measurements (Fully-loaded RU)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5180       | 36      | AVG      | 242     | 61       | 15.50                 | 23.98                       | -8.48                       |
|                        | 5200       | 40      | AVG      | 242     | 61       | 19.00                 | 23.98                       | -4.98                       |
|                        | 5240       | 48      | AVG      | 242     | 61       | 18.95                 | 23.98                       | -5.03                       |
|                        | 5260       | 52      | AVG      | 242     | 61       | 19.00                 | 23.76                       | -4.76                       |
|                        | 5300       | 60      | AVG      | 242     | 61       | 19.00                 | 23.76                       | -4.76                       |
|                        | 5320       | 64      | AVG      | 242     | 61       | 15.50                 | 23.76                       | -8.26                       |
|                        | 5500       | 100     | AVG      | 242     | 61       | 14.49                 | 23.73                       | -9.24                       |
|                        | 5520       | 104     | AVG      | 242     | 61       | 17.00                 | 23.73                       | -6.73                       |
|                        | 5540       | 108     | AVG      | 242     | 61       | 19.00                 | 23.73                       | -4.73                       |
|                        | 5580       | 116     | AVG      | 242     | 61       | 18.99                 | 23.73                       | -4.74                       |
|                        | 5660       | 132     | AVG      | 242     | 61       | 19.00                 | 23.73                       | -4.73                       |
|                        | 5680       | 136     | AVG      | 242     | 61       | 17.91                 | 23.73                       | -5.82                       |
|                        | 5700       | 140     | AVG      | 242     | 61       | 13.00                 | 23.73                       | -10.73                      |
|                        | 5720       | 144     | AVG      | 242     | 61       | 18.94                 | 23.73                       | -4.79                       |
|                        | 5745       | 149     | AVG      | 242     | 61       | 20.00                 | 30.00                       | -10.00                      |
|                        | 5785       | 157     | AVG      | 242     | 61       | 19.98                 | 30.00                       | -10.02                      |
|                        | 5825       | 165     | AVG      | 242     | 61       | 20.00                 | 30.00                       | -10.00                      |

Table 7-44. FCC Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5190       | 38      | AVG      | 484     | 65       | 13.50                 | 23.98                       | -10.48                      |
|                        | 5230       | 46      | AVG      | 484     | 65       | 18.79                 | 23.98                       | -5.19                       |
|                        | 5270       | 54      | AVG      | 484     | 65       | 18.93                 | 23.76                       | -4.83                       |
|                        | 5310       | 62      | AVG      | 484     | 65       | 13.39                 | 23.76                       | -10.37                      |
|                        | 5510       | 102     | AVG      | 484     | 65       | 12.00                 | 23.73                       | -11.73                      |
|                        | 5550       | 110     | AVG      | 484     | 65       | 17.92                 | 23.73                       | -5.81                       |
|                        | 5590       | 118     | AVG      | 484     | 65       | 19.88                 | 23.73                       | -3.85                       |
|                        | 5670       | 134     | AVG      | 484     | 65       | 14.89                 | 23.73                       | -8.84                       |
|                        | 5710       | 142     | AVG      | 484     | 65       | 19.88                 | 23.73                       | -3.85                       |
|                        | 5755       | 151     | AVG      | 484     | 65       | 19.31                 | 23.98                       | -4.67                       |
|                        | 5795       | 159     | AVG      | 484     | 65       | 19.47                 | 23.98                       | -4.51                       |

Table 7-45. FCC Antenna 2a 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5210       | 42      | AVG      | 996     | 67       | 12.46                 | 23.98                       | -11.52                      |
|                        | 5290       | 58      | AVG      | 996     | 67       | 11.92                 | 23.76                       | -11.84                      |
|                        | 5530       | 106     | AVG      | 996     | 67       | 11.93                 | 23.73                       | -11.80                      |
|                        | 5610       | 122     | AVG      | 996     | 67       | 15.97                 | 23.73                       | -7.76                       |
|                        | 5690       | 138     | AVG      | 996     | 67       | 20.00                 | 23.73                       | -3.73                       |
|                        | 5775       | 155     | AVG      | 996     | 67       | 16.93                 | 23.47                       | -6.54                       |

Table 7-46. FCC Antenna 2a 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 203 of 958                 |

## ISED Antenna 2a Conducted Output Power Measurements (Fully-loaded RU)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5180       | 36      | AVG      | 242     | 61       | 14.25                 | -                           | -                           | 2.60            | 16.85              | 22.77                    | -5.92                |
|                        | 5200       | 40      | AVG      | 242     | 61       | 14.15                 | -                           | -                           | 2.60            | 16.75              | 22.77                    | -6.02                |
|                        | 5240       | 48      | AVG      | 242     | 61       | 14.25                 | -                           | -                           | 2.60            | 16.85              | 22.77                    | -5.92                |
|                        | 5260       | 52      | AVG      | 242     | 61       | 19.00                 | 23.76                       | -4.76                       | 2.90            | 21.90              | 29.76                    | -7.86                |
|                        | 5300       | 60      | AVG      | 242     | 61       | 19.00                 | 23.76                       | -4.76                       | 2.90            | 21.90              | 29.76                    | -7.86                |
|                        | 5320       | 64      | AVG      | 242     | 61       | 15.50                 | 23.76                       | -8.26                       | 2.90            | 18.40              | 29.76                    | -11.36               |
|                        | 5500       | 100     | AVG      | 242     | 61       | 14.49                 | 23.73                       | -9.24                       | 2.60            | 17.09              | 29.73                    | -12.64               |
|                        | 5520       | 104     | AVG      | 242     | 61       | 17.00                 | 23.73                       | -6.73                       | 2.60            | 19.60              | 29.73                    | -10.13               |
|                        | 5540       | 108     | AVG      | 242     | 61       | 19.00                 | 23.73                       | -4.73                       | 2.60            | 21.60              | 29.73                    | -8.13                |
|                        | 5580       | 116     | AVG      | 242     | 61       | 18.99                 | 23.73                       | -4.74                       | 2.60            | 21.59              | 29.73                    | -8.14                |
|                        | 5660       | 132     | AVG      | 242     | 61       | 19.00                 | 23.73                       | -4.73                       | 2.60            | 21.60              | 29.73                    | -8.13                |
|                        | 5680       | 136     | AVG      | 242     | 61       | 17.91                 | 23.73                       | -5.82                       | 2.60            | 20.51              | 29.73                    | -9.22                |
|                        | 5700       | 140     | AVG      | 242     | 61       | 13.00                 | 23.73                       | -10.73                      | 2.60            | 15.60              | 29.73                    | -14.13               |
|                        | 5720       | 144     | AVG      | 242     | 61       | 18.94                 | 23.73                       | -4.79                       | 2.60            | 21.54              | 29.73                    | -8.19                |
|                        | 5745       | 149     | AVG      | 242     | 61       | 20.00                 | 30.00                       | -10.00                      | 0.90            | 20.90              | -                        | -                    |
|                        | 5785       | 157     | AVG      | 242     | 61       | 19.98                 | 30.00                       | -10.02                      | 0.90            | 20.88              | -                        | -                    |
|                        | 5825       | 165     | AVG      | 242     | 61       | 20.00                 | 30.00                       | -10.00                      | 0.90            | 20.90              | -                        | -                    |

Table 7-47. ISED Antenna 2a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5190       | 38      | AVG      | 484     | 65       | 13.50                 | -                           | -                           | 2.60            | 16.10              | 22.77                    | -6.67                |
|                        | 5230       | 46      | AVG      | 484     | 65       | 16.75                 | -                           | -                           | 2.60            | 19.35              | 22.77                    | -3.42                |
|                        | 5270       | 54      | AVG      | 484     | 65       | 18.93                 | 23.76                       | -4.83                       | 2.90            | 21.83              | 29.76                    | -7.93                |
|                        | 5310       | 62      | AVG      | 484     | 65       | 13.39                 | 23.76                       | -10.37                      | 2.90            | 16.29              | 29.76                    | -13.47               |
|                        | 5510       | 102     | AVG      | 484     | 65       | 12.00                 | 23.73                       | -11.73                      | 2.60            | 14.60              | 29.73                    | -15.13               |
|                        | 5550       | 110     | AVG      | 484     | 65       | 17.92                 | 23.73                       | -5.81                       | 2.60            | 20.52              | 29.73                    | -9.21                |
|                        | 5670       | 134     | AVG      | 484     | 65       | 14.89                 | 23.73                       | -8.84                       | 2.60            | 17.49              | 29.73                    | -12.24               |
|                        | 5710       | 142     | AVG      | 484     | 65       | 19.88                 | 23.73                       | -3.85                       | 2.60            | 22.48              | 29.73                    | -7.25                |
|                        | 5755       | 151     | AVG      | 484     | 65       | 19.31                 | 23.98                       | -4.67                       | 0.90            | 20.21              | -                        | -                    |
|                        | 5795       | 159     | AVG      | 484     | 65       | 19.47                 | 23.98                       | -4.51                       | 0.90            | 20.37              | -                        | -                    |

Table 7-48. ISED Antenna 2a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5210       | 42      | AVG      | 996     | 67       | 12.50                 | -                           | -                           | 2.60            | 15.10              | 22.77                    | -7.67                |
|                        | 5290       | 58      | AVG      | 996     | 67       | 11.92                 | 23.76                       | -11.84                      | 2.90            | 14.82              | 29.76                    | -14.94               |
|                        | 5530       | 106     | AVG      | 996     | 67       | 11.93                 | 23.73                       | -11.80                      | 2.60            | 14.53              | 29.73                    | -15.20               |
|                        | 5690       | 138     | AVG      | 996     | 67       | 20.00                 | 23.73                       | -3.73                       | 2.60            | 22.60              | 29.73                    | -7.13                |
|                        | 5775       | 155     | AVG      | 996     | 67       | 16.93                 | 23.47                       | -6.54                       | 0.90            | 17.83              | -                        | -                    |

Table 7-49. ISED Antenna 2a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

|                                         |                                                                                                                                  |                            |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                           | EUT Type:<br>Tablet Device | Page 204 of 958                 |

## FCC Antenna 1b Conducted Output Power Measurements (RU26)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5180       | 36      | AVG      | 26      | 0        | 11.50                 | 23.98                       | -12.48                      |
|                        |            |         | AVG      | 26      | 4        | 11.93                 | 23.98                       | -12.05                      |
|                        |            |         | AVG      | 26      | 8        | 11.60                 | 23.98                       | -12.38                      |
|                        | 5200       | 40      | AVG      | 26      | 0        | 11.52                 | 23.98                       | -12.46                      |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.98                       | -11.98                      |
|                        |            |         | AVG      | 26      | 8        | 11.65                 | 23.98                       | -12.33                      |
|                        | 5240       | 48      | AVG      | 26      | 0        | 11.42                 | 23.98                       | -12.56                      |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.98                       | -11.98                      |
|                        |            |         | AVG      | 26      | 8        | 11.55                 | 23.98                       | -12.43                      |
|                        | 5260       | 52      | AVG      | 26      | 0        | 11.52                 | 23.76                       | -12.24                      |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.76                       | -11.76                      |
|                        |            |         | AVG      | 26      | 8        | 11.62                 | 23.76                       | -12.14                      |
|                        | 5300       | 60      | AVG      | 26      | 0        | 11.50                 | 23.76                       | -12.26                      |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.76                       | -11.76                      |
|                        |            |         | AVG      | 26      | 8        | 11.66                 | 23.76                       | -12.10                      |
|                        | 5320       | 64      | AVG      | 26      | 0        | 11.38                 | 23.76                       | -12.38                      |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.76                       | -11.76                      |
|                        |            |         | AVG      | 26      | 8        | 11.50                 | 23.76                       | -12.26                      |
|                        | 5500       | 100     | AVG      | 26      | 0        | 11.46                 | 23.73                       | -12.27                      |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.73                       | -11.73                      |
|                        |            |         | AVG      | 26      | 8        | 11.52                 | 23.73                       | -12.21                      |
|                        | 5580       | 116     | AVG      | 26      | 0        | 11.63                 | 23.73                       | -12.10                      |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.73                       | -11.73                      |
|                        |            |         | AVG      | 26      | 8        | 11.57                 | 23.73                       | -12.16                      |
|                        | 5720       | 144     | AVG      | 26      | 0        | 11.50                 | 23.73                       | -12.23                      |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.73                       | -11.73                      |
|                        |            |         | AVG      | 26      | 8        | 11.48                 | 23.73                       | -12.25                      |
|                        | 5745       | 149     | AVG      | 26      | 0        | 20.76                 | 30.00                       | -9.24                       |
|                        |            |         | AVG      | 26      | 4        | 21.00                 | 30.00                       | -9.00                       |
|                        |            |         | AVG      | 26      | 8        | 20.74                 | 30.00                       | -9.26                       |
|                        | 5785       | 157     | AVG      | 26      | 0        | 20.65                 | 30.00                       | -9.35                       |
|                        |            |         | AVG      | 26      | 4        | 21.00                 | 30.00                       | -9.00                       |
|                        |            |         | AVG      | 26      | 8        | 20.70                 | 30.00                       | -9.30                       |
|                        | 5825       | 165     | AVG      | 26      | 0        | 20.71                 | 30.00                       | -9.29                       |
|                        |            |         | AVG      | 26      | 4        | 21.00                 | 30.00                       | -9.00                       |
|                        |            |         | AVG      | 26      | 8        | 20.64                 | 30.00                       | -9.36                       |

Table 7-50. FCC Antenna 1b 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                              | EUT Type:<br>Tablet Device            | Page 205 of 958                 |

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5190       | 38      | AVG      | 26      | 0        | 11.00                 | 23.98                       | -12.98                      |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.98                       | -11.98                      |
|                        |            |         | AVG      | 26      | 17       | 11.30                 | 23.98                       | -12.68                      |
|                        | 5230       | 46      | AVG      | 26      | 0        | 10.84                 | 23.98                       | -13.14                      |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.98                       | -11.98                      |
|                        |            |         | AVG      | 26      | 17       | 11.12                 | 23.98                       | -12.86                      |
|                        | 5270       | 54      | AVG      | 26      | 0        | 10.81                 | 23.76                       | -12.95                      |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.76                       | -11.76                      |
|                        |            |         | AVG      | 26      | 17       | 11.09                 | 23.76                       | -12.67                      |
|                        | 5310       | 62      | AVG      | 26      | 0        | 11.07                 | 23.76                       | -12.69                      |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.76                       | -11.76                      |
|                        |            |         | AVG      | 26      | 17       | 11.15                 | 23.76                       | -12.61                      |
|                        | 5510       | 102     | AVG      | 26      | 0        | 10.75                 | 23.73                       | -12.98                      |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.73                       | -11.73                      |
|                        |            |         | AVG      | 26      | 17       | 10.74                 | 23.73                       | -12.99                      |
|                        | 5550       | 110     | AVG      | 26      | 0        | 10.91                 | 23.73                       | -12.82                      |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.73                       | -11.73                      |
|                        |            |         | AVG      | 26      | 17       | 11.05                 | 23.73                       | -12.68                      |
|                        | 5710       | 142     | AVG      | 26      | 0        | 11.13                 | 23.73                       | -12.60                      |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.73                       | -11.73                      |
|                        |            |         | AVG      | 26      | 17       | 11.21                 | 23.73                       | -12.52                      |
|                        | 5755       | 151     | AVG      | 26      | 0        | 19.70                 | 23.98                       | -4.28                       |
|                        |            |         | AVG      | 26      | 8        | 20.50                 | 23.98                       | -3.48                       |
|                        |            |         | AVG      | 26      | 17       | 19.84                 | 23.98                       | -4.14                       |
|                        | 5795       | 159     | AVG      | 26      | 0        | 19.83                 | 23.98                       | -4.15                       |
|                        |            |         | AVG      | 26      | 8        | 20.50                 | 23.98                       | -3.48                       |
|                        |            |         | AVG      | 26      | 17       | 19.90                 | 23.98                       | -4.08                       |

Table 7-51. FCC Antenna 1b 40MHz BW (UNII) Maximum Conducted Output Power (RU26)

|                                         |                                                                                                                                  |                            |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                           | EUT Type:<br>Tablet Device | Page 206 of 958                 |

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5210       | 42      | AVG      | 26      | 0        | 10.26                 | 23.98                       | -13.72                      |
|                        |            |         | AVG      | 26      | 18       | 11.00                 | 23.98                       | -12.98                      |
|                        |            |         | AVG      | 26      | 36       | 10.24                 | 23.98                       | -13.74                      |
|                        | 5290       | 58      | AVG      | 26      | 0        | 9.54                  | 23.76                       | -14.22                      |
|                        |            |         | AVG      | 26      | 18       | 10.48                 | 23.76                       | -13.28                      |
|                        |            |         | AVG      | 26      | 36       | 9.60                  | 23.76                       | -14.16                      |
|                        | 5530       | 106     | AVG      | 26      | 0        | 9.62                  | 23.73                       | -14.11                      |
|                        |            |         | AVG      | 26      | 18       | 10.46                 | 23.73                       | -13.27                      |
|                        |            |         | AVG      | 26      | 36       | 9.53                  | 23.73                       | -14.20                      |
|                        | 5610       | 122     | AVG      | 26      | 0        | 10.82                 | 23.73                       | -12.91                      |
|                        |            |         | AVG      | 26      | 18       | 12.00                 | 23.73                       | -11.73                      |
|                        |            |         | AVG      | 26      | 36       | 10.73                 | 23.73                       | -13.00                      |
|                        | 5690       | 138     | AVG      | 26      | 0        | 11.01                 | 23.73                       | -12.72                      |
|                        |            |         | AVG      | 26      | 18       | 12.00                 | 23.73                       | -11.73                      |
|                        |            |         | AVG      | 26      | 36       | 11.16                 | 23.73                       | -12.57                      |
|                        | 5775       | 155     | AVG      | 26      | 0        | 17.04                 | 23.47                       | -6.43                       |
|                        |            |         | AVG      | 26      | 18       | 18.00                 | 23.47                       | -5.47                       |
|                        |            |         | AVG      | 26      | 36       | 17.25                 | 23.47                       | -6.22                       |

Table 7-52. FCC Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power (RU26)

|                                         |                                                                                                                                  |                            |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                           | EUT Type:<br>Tablet Device | Page 207 of 958                 |

## ISED Antenna 1b Conducted Output Power Measurements (RU26)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        |            |         |          |         |          |                       |                             |                             |                 |                    |                          |                      |
|                        | 5180       | 36      | AVG      | 26      | 0        | 6.13                  | -                           | -                           | -1.10           | 5.03               | 22.77                    | -17.74               |
|                        |            |         | AVG      | 26      | 4        | 6.64                  | -                           | -                           | -1.10           | 5.54               | 22.77                    | -17.23               |
|                        |            |         | AVG      | 26      | 8        | 6.26                  | -                           | -                           | -1.10           | 5.16               | 22.77                    | -17.61               |
|                        | 5200       | 40      | AVG      | 26      | 0        | 6.40                  | -                           | -                           | -1.10           | 5.30               | 22.77                    | -17.47               |
|                        |            |         | AVG      | 26      | 4        | 6.75                  | -                           | -                           | -1.10           | 5.65               | 22.77                    | -17.12               |
|                        |            |         | AVG      | 26      | 8        | 6.43                  | -                           | -                           | -1.10           | 5.33               | 22.77                    | -17.44               |
|                        | 5240       | 48      | AVG      | 26      | 0        | 6.17                  | -                           | -                           | -1.10           | 5.07               | 22.77                    | -17.70               |
|                        |            |         | AVG      | 26      | 4        | 6.75                  | -                           | -                           | -1.10           | 5.65               | 22.77                    | -17.12               |
|                        |            |         | AVG      | 26      | 8        | 6.28                  | -                           | -                           | -1.10           | 5.18               | 22.77                    | -17.59               |
|                        | 5260       | 52      | AVG      | 26      | 0        | 11.52                 | 23.76                       | -12.24                      | -1.20           | 10.32              | 29.76                    | -19.44               |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.76                       | -11.76                      | -1.20           | 10.80              | 29.76                    | -18.96               |
|                        |            |         | AVG      | 26      | 8        | 11.62                 | 23.76                       | -12.14                      | -1.20           | 10.42              | 29.76                    | -19.34               |
|                        | 5300       | 60      | AVG      | 26      | 0        | 11.50                 | 23.76                       | -12.26                      | -1.20           | 10.30              | 29.76                    | -19.46               |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.76                       | -11.76                      | -1.20           | 10.80              | 29.76                    | -18.96               |
|                        |            |         | AVG      | 26      | 8        | 11.66                 | 23.76                       | -12.10                      | -1.20           | 10.46              | 29.76                    | -19.30               |
|                        | 5320       | 64      | AVG      | 26      | 0        | 11.38                 | 23.76                       | -12.38                      | -1.20           | 10.18              | 29.76                    | -19.58               |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.76                       | -11.76                      | -1.20           | 10.80              | 29.76                    | -18.96               |
|                        |            |         | AVG      | 26      | 8        | 11.50                 | 23.76                       | -12.26                      | -1.20           | 10.30              | 29.76                    | -19.46               |
|                        | 5500       | 100     | AVG      | 26      | 0        | 11.46                 | 23.73                       | -12.27                      | -0.50           | 10.96              | 29.73                    | -18.77               |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.73                       | -11.73                      | -0.50           | 11.50              | 29.73                    | -18.23               |
|                        |            |         | AVG      | 26      | 8        | 11.52                 | 23.73                       | -12.21                      | -0.50           | 11.02              | 29.73                    | -18.71               |
|                        | 5580       | 116     | AVG      | 26      | 0        | 11.63                 | 23.73                       | -12.10                      | -0.50           | 11.13              | 29.73                    | -18.60               |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.73                       | -11.73                      | -0.50           | 11.50              | 29.73                    | -18.23               |
|                        |            |         | AVG      | 26      | 8        | 11.57                 | 23.73                       | -12.16                      | -0.50           | 11.07              | 29.73                    | -18.66               |
|                        | 5720       | 144     | AVG      | 26      | 0        | 11.50                 | 23.73                       | -12.23                      | -0.50           | 11.00              | 29.73                    | -18.73               |
|                        |            |         | AVG      | 26      | 4        | 12.00                 | 23.73                       | -11.73                      | -0.50           | 11.50              | 29.73                    | -18.23               |
|                        |            |         | AVG      | 26      | 8        | 11.48                 | 23.73                       | -12.25                      | -0.50           | 10.98              | 29.73                    | -18.75               |
|                        | 5745       | 149     | AVG      | 26      | 0        | 20.76                 | 30.00                       | -9.24                       | -0.80           | 19.96              | -                        | -                    |
|                        |            |         | AVG      | 26      | 4        | 21.00                 | 30.00                       | -9.00                       | -0.80           | 20.20              | -                        | -                    |
|                        |            |         | AVG      | 26      | 8        | 20.74                 | 30.00                       | -9.26                       | -0.80           | 19.94              | -                        | -                    |
|                        | 5785       | 157     | AVG      | 26      | 0        | 20.65                 | 30.00                       | -9.35                       | -0.80           | 19.85              | -                        | -                    |
|                        |            |         | AVG      | 26      | 4        | 21.00                 | 30.00                       | -9.00                       | -0.80           | 20.20              | -                        | -                    |
|                        |            |         | AVG      | 26      | 8        | 20.70                 | 30.00                       | -9.30                       | -0.80           | 19.90              | -                        | -                    |
|                        | 5825       | 165     | AVG      | 26      | 0        | 20.71                 | 30.00                       | -9.29                       | -0.80           | 19.91              | -                        | -                    |
|                        |            |         | AVG      | 26      | 4        | 21.00                 | 30.00                       | -9.00                       | -0.80           | 20.20              | -                        | -                    |
|                        |            |         | AVG      | 26      | 8        | 20.64                 | 30.00                       | -9.36                       | -0.80           | 19.84              | -                        | -                    |

Table 7-53. ISED Antenna 1b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

|                                         |                                                                                                                                  |                            |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                           | EUT Type:<br>Tablet Device | Page 208 of 958                 |

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5190       | 38      | AVG      | 26      | 0        | 5.58                  | -                           | -                           | -1.10           | 4.48               | 22.77                    | -18.29               |
|                        |            |         | AVG      | 26      | 8        | 6.75                  | -                           | -                           | -1.10           | 5.65               | 22.77                    | -17.12               |
|                        |            |         | AVG      | 26      | 17       | 5.89                  | -                           | -                           | -1.10           | 4.79               | 22.77                    | -17.98               |
|                        | 5230       | 46      | AVG      | 26      | 0        | 5.43                  | -                           | -                           | -1.10           | 4.33               | 22.77                    | -18.44               |
|                        |            |         | AVG      | 26      | 8        | 6.63                  | -                           | -                           | -1.10           | 5.53               | 22.77                    | -17.24               |
|                        |            |         | AVG      | 26      | 17       | 5.67                  | -                           | -                           | -1.10           | 4.57               | 22.77                    | -18.20               |
|                        | 5270       | 54      | AVG      | 26      | 0        | 10.81                 | 23.76                       | -12.95                      | -1.20           | 9.61               | 29.76                    | -20.15               |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.76                       | -11.76                      | -1.20           | 10.80              | 29.76                    | -18.96               |
|                        |            |         | AVG      | 26      | 17       | 11.09                 | 23.76                       | -12.67                      | -1.20           | 9.89               | 29.76                    | -19.87               |
|                        | 5310       | 62      | AVG      | 26      | 0        | 11.07                 | 23.76                       | -12.69                      | -1.20           | 9.87               | 29.76                    | -19.89               |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.76                       | -11.76                      | -1.20           | 10.80              | 29.76                    | -18.96               |
|                        |            |         | AVG      | 26      | 17       | 11.15                 | 23.76                       | -12.61                      | -1.20           | 9.95               | 29.76                    | -19.81               |
|                        | 5510       | 102     | AVG      | 26      | 0        | 10.75                 | 23.73                       | -12.98                      | -0.50           | 10.25              | 29.73                    | -19.48               |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.73                       | -11.73                      | -0.50           | 11.50              | 29.73                    | -18.23               |
|                        |            |         | AVG      | 26      | 17       | 10.74                 | 23.73                       | -12.99                      | -0.50           | 10.24              | 29.73                    | -19.49               |
|                        | 5550       | 110     | AVG      | 26      | 0        | 10.91                 | 23.73                       | -12.82                      | -0.50           | 10.41              | 29.73                    | -19.32               |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.73                       | -11.73                      | -0.50           | 11.50              | 29.73                    | -18.23               |
|                        |            |         | AVG      | 26      | 17       | 11.05                 | 23.73                       | -12.68                      | -0.50           | 10.55              | 29.73                    | -19.18               |
|                        | 5710       | 142     | AVG      | 26      | 0        | 11.13                 | 23.73                       | -12.60                      | -0.50           | 10.63              | 29.73                    | -19.10               |
|                        |            |         | AVG      | 26      | 8        | 12.00                 | 23.73                       | -11.73                      | -0.50           | 11.50              | 29.73                    | -18.23               |
|                        |            |         | AVG      | 26      | 17       | 11.21                 | 23.73                       | -12.52                      | -0.50           | 10.71              | 29.73                    | -19.02               |
|                        | 5755       | 151     | AVG      | 26      | 0        | 19.70                 | 23.98                       | -4.28                       | -0.80           | 18.90              | -                        | -                    |
|                        |            |         | AVG      | 26      | 8        | 20.50                 | 23.98                       | -3.48                       | -0.80           | 19.70              | -                        | -                    |
|                        |            |         | AVG      | 26      | 17       | 19.84                 | 23.98                       | -4.14                       | -0.80           | 19.04              | -                        | -                    |
|                        | 5795       | 159     | AVG      | 26      | 0        | 19.83                 | 23.98                       | -4.15                       | -0.80           | 19.03              | -                        | -                    |
|                        |            |         | AVG      | 26      | 8        | 20.50                 | 23.98                       | -3.48                       | -0.80           | 19.70              | -                        | -                    |
|                        |            |         | AVG      | 26      | 17       | 19.90                 | 23.98                       | -4.08                       | -0.80           | 19.10              | -                        | -                    |

Table 7-54. ISED Antenna 1b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5210       | 42      | AVG      | 26      | 0        | 5.68                  | -                           | -                           | -1.10           | 4.58               | 22.77                    | -18.19               |
|                        |            |         | AVG      | 26      | 18       | 6.72                  | -                           | -                           | -1.10           | 5.62               | 22.77                    | -17.15               |
|                        |            |         | AVG      | 26      | 36       | 5.70                  | -                           | -                           | -1.10           | 4.60               | 22.77                    | -18.17               |
|                        | 5290       | 58      | AVG      | 26      | 0        | 9.54                  | 23.76                       | -14.22                      | -1.20           | 8.34               | 29.76                    | -21.42               |
|                        |            |         | AVG      | 26      | 18       | 10.48                 | 23.76                       | -13.28                      | -1.20           | 9.28               | 29.76                    | -20.48               |
|                        |            |         | AVG      | 26      | 36       | 9.60                  | 23.76                       | -14.16                      | -1.20           | 8.40               | 29.76                    | -21.36               |
|                        | 5530       | 106     | AVG      | 26      | 0        | 9.62                  | 23.73                       | -14.11                      | -0.50           | 9.12               | 29.73                    | -20.61               |
|                        |            |         | AVG      | 26      | 18       | 10.46                 | 23.73                       | -13.27                      | -0.50           | 9.96               | 29.73                    | -19.77               |
|                        |            |         | AVG      | 26      | 36       | 9.53                  | 23.73                       | -14.20                      | -0.50           | 9.03               | 29.73                    | -20.70               |
|                        | 5690       | 138     | AVG      | 26      | 0        | 11.01                 | 23.73                       | -12.72                      | -0.50           | 10.51              | 29.73                    | -19.22               |
|                        |            |         | AVG      | 26      | 18       | 12.00                 | 23.73                       | -11.73                      | -0.50           | 11.50              | 29.73                    | -18.23               |
|                        |            |         | AVG      | 26      | 36       | 11.16                 | 23.73                       | -12.57                      | -0.50           | 10.66              | 29.73                    | -19.07               |
|                        | 5775       | 155     | AVG      | 26      | 0        | 17.04                 | 23.47                       | -6.43                       | -0.80           | 16.24              | -                        | -                    |
|                        |            |         | AVG      | 26      | 18       | 18.00                 | 23.47                       | -5.47                       | -0.80           | 17.20              | -                        | -                    |
|                        |            |         | AVG      | 26      | 36       | 17.25                 | 23.47                       | -6.22                       | -0.80           | 16.45              | -                        | -                    |

Table 7-55. ISED Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

|                                         |                                                                                                                                  |                            |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                           | EUT Type:<br>Tablet Device | Page 209 of 958                 |

### FCC Antenna 1b Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5180       | 36      | AVG      | 106     | 53       | 16.38                 | 23.98                       | -7.60                       |
|                        |            |         | AVG      | 106     | 54       | 16.50                 | 23.98                       | -7.48                       |
|                        | 5200       | 40      | AVG      | 106     | 53       | 17.85                 | 23.98                       | -6.13                       |
|                        |            |         | AVG      | 106     | 54       | 17.97                 | 23.98                       | -6.01                       |
|                        | 5240       | 48      | AVG      | 106     | 53       | 18.00                 | 23.98                       | -5.98                       |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.98                       | -5.98                       |
|                        | 5260       | 52      | AVG      | 106     | 53       | 18.00                 | 23.76                       | -5.76                       |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.76                       | -5.76                       |
|                        | 5300       | 60      | AVG      | 106     | 53       | 18.00                 | 23.76                       | -5.76                       |
|                        |            |         | AVG      | 106     | 54       | 17.96                 | 23.76                       | -5.80                       |
|                        | 5320       | 64      | AVG      | 106     | 53       | 16.42                 | 23.76                       | -7.34                       |
|                        |            |         | AVG      | 106     | 54       | 16.50                 | 23.76                       | -7.26                       |
|                        | 5500       | 100     | AVG      | 106     | 53       | 15.37                 | 23.73                       | -8.36                       |
|                        |            |         | AVG      | 106     | 54       | 15.45                 | 23.73                       | -8.28                       |
|                        | 5520       | 104     | AVG      | 106     | 53       | 18.00                 | 23.73                       | -5.73                       |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.73                       | -5.73                       |
|                        | 5580       | 116     | AVG      | 106     | 53       | 17.86                 | 23.73                       | -5.87                       |
|                        |            |         | AVG      | 106     | 54       | 17.94                 | 23.73                       | -5.79                       |
|                        | 5680       | 136     | AVG      | 106     | 53       | 18.00                 | 23.73                       | -5.73                       |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.73                       | -5.73                       |
|                        | 5700       | 140     | AVG      | 106     | 53       | 14.00                 | 23.73                       | -9.73                       |
|                        |            |         | AVG      | 106     | 54       | 14.00                 | 23.73                       | -9.73                       |
|                        | 5720       | 144     | AVG      | 106     | 53       | 18.00                 | 23.73                       | -5.73                       |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.73                       | -5.73                       |
|                        | 5745       | 149     | AVG      | 106     | 53       | 20.95                 | 30.00                       | -9.05                       |
|                        |            |         | AVG      | 106     | 54       | 20.93                 | 30.00                       | -9.07                       |
|                        | 5785       | 157     | AVG      | 106     | 53       | 20.96                 | 30.00                       | -9.04                       |
|                        |            |         | AVG      | 106     | 54       | 21.00                 | 30.00                       | -9.00                       |
|                        | 5825       | 165     | AVG      | 106     | 53       | 20.98                 | 30.00                       | -9.02                       |
|                        |            |         | AVG      | 106     | 54       | 20.94                 | 30.00                       | -9.06                       |

Table 7-56. FCC Antenna 1b 20MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

|                                         |                                                                                                                                  |                            |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                           | EUT Type:<br>Tablet Device | Page 210 of 958                 |

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5190       | 38      | AVG      | 242     | 61       | 14.40                 | 23.98                       | -9.58                       |
|                        |            |         | AVG      | 242     | 62       | 14.50                 | 23.98                       | -9.48                       |
|                        | 5230       | 46      | AVG      | 242     | 61       | 19.87                 | 23.98                       | -4.11                       |
|                        |            |         | AVG      | 242     | 62       | 20.00                 | 23.98                       | -3.98                       |
|                        | 5270       | 54      | AVG      | 242     | 61       | 19.85                 | 23.76                       | -3.91                       |
|                        |            |         | AVG      | 242     | 62       | 20.00                 | 23.76                       | -3.76                       |
|                        | 5310       | 62      | AVG      | 242     | 61       | 14.34                 | 23.76                       | -9.42                       |
|                        |            |         | AVG      | 242     | 62       | 14.44                 | 23.76                       | -9.32                       |
|                        | 5510       | 102     | AVG      | 242     | 61       | 12.87                 | 23.73                       | -10.86                      |
|                        |            |         | AVG      | 242     | 62       | 13.00                 | 23.73                       | -10.73                      |
|                        | 5550       | 110     | AVG      | 242     | 61       | 18.94                 | 23.73                       | -4.79                       |
|                        |            |         | AVG      | 242     | 62       | 19.00                 | 23.73                       | -4.73                       |
|                        | 5590       | 118     | AVG      | 242     | 61       | 19.93                 | 23.73                       | -3.80                       |
|                        |            |         | AVG      | 242     | 62       | 20.00                 | 23.73                       | -3.73                       |
|                        | 5670       | 134     | AVG      | 242     | 61       | 15.89                 | 23.73                       | -7.84                       |
|                        |            |         | AVG      | 242     | 62       | 16.00                 | 23.73                       | -7.73                       |
|                        | 5710       | 142     | AVG      | 106     | 53       | 17.52                 | 23.73                       | -6.21                       |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.73                       | -5.73                       |
|                        |            |         | AVG      | 106     | 56       | 17.74                 | 23.73                       | -5.99                       |
|                        | 5755       | 151     | AVG      | 242     | 61       | 20.22                 | 23.98                       | -3.76                       |
|                        |            |         | AVG      | 242     | 62       | 20.46                 | 23.98                       | -3.52                       |
|                        | 5795       | 159     | AVG      | 242     | 61       | 20.47                 | 23.98                       | -3.51                       |
|                        |            |         | AVG      | 242     | 62       | 20.50                 | 23.98                       | -3.48                       |

Table 7-57. FCC Antenna 1b 40MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5210       | 42      | AVG      | 484     | 65       | 13.50                 | 23.98                       | -10.48                      |
|                        |            |         | AVG      | 484     | 66       | 13.50                 | 23.98                       | -10.48                      |
|                        | 5290       | 58      | AVG      | 484     | 65       | 12.88                 | 23.76                       | -10.88                      |
|                        |            |         | AVG      | 484     | 66       | 13.00                 | 23.76                       | -10.76                      |
|                        | 5530       | 106     | AVG      | 484     | 65       | 12.86                 | 23.73                       | -10.87                      |
|                        |            |         | AVG      | 484     | 66       | 12.90                 | 23.73                       | -10.83                      |
|                        | 5610       | 122     | AVG      | 484     | 65       | 16.83                 | 23.73                       | -6.90                       |
|                        |            |         | AVG      | 484     | 66       | 17.00                 | 23.73                       | -6.73                       |
|                        | 5690       | 138     | AVG      | 106     | 53       | 17.53                 | 23.73                       | -6.20                       |
|                        |            |         | AVG      | 106     | 56       | 17.94                 | 23.73                       | -5.79                       |
|                        |            |         | AVG      | 106     | 60       | 17.76                 | 23.73                       | -5.97                       |
|                        | 5775       | 155     | AVG      | 484     | 65       | 17.83                 | 23.47                       | -5.64                       |
|                        |            |         | AVG      | 484     | 66       | 18.00                 | 23.47                       | -5.47                       |

Table 7-58. FCC Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

|                                         |                                                                                                                                  |                            |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                           | EUT Type:<br>Tablet Device | Page 211 of 958                 |

### ISED Antenna 1b Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5180       | 36      | AVG      | 106     | 53       | 12.40                 | -                           | -                           | -1.10           | 11.30              | 22.77                    | -11.47               |
|                        |            |         | AVG      | 106     | 54       | 12.47                 | -                           | -                           | -1.10           | 11.37              | 22.77                    | -11.40               |
|                        | 5200       | 40      | AVG      | 106     | 53       | 12.56                 | -                           | -                           | -1.10           | 11.46              | 22.77                    | -11.31               |
|                        |            |         | AVG      | 106     | 54       | 12.67                 | -                           | -                           | -1.10           | 11.57              | 22.77                    | -11.20               |
|                        | 5240       | 48      | AVG      | 106     | 53       | 12.66                 | -                           | -                           | -1.10           | 11.56              | 22.77                    | -11.21               |
|                        |            |         | AVG      | 106     | 54       | 12.75                 | -                           | -                           | -1.10           | 11.65              | 22.77                    | -11.12               |
|                        | 5260       | 52      | AVG      | 106     | 53       | 18.00                 | 23.76                       | -5.76                       | -1.20           | 16.80              | 29.76                    | -12.96               |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.76                       | -5.76                       | -1.20           | 16.80              | 29.76                    | -12.96               |
|                        | 5300       | 60      | AVG      | 106     | 53       | 18.00                 | 23.76                       | -5.76                       | -1.20           | 16.80              | 29.76                    | -12.96               |
|                        |            |         | AVG      | 106     | 54       | 17.96                 | 23.76                       | -5.80                       | -1.20           | 16.76              | 29.76                    | -13.00               |
|                        | 5320       | 64      | AVG      | 106     | 53       | 16.42                 | 23.76                       | -7.34                       | -1.20           | 15.22              | 29.76                    | -14.54               |
|                        |            |         | AVG      | 106     | 54       | 16.50                 | 23.76                       | -7.26                       | -1.20           | 15.30              | 29.76                    | -14.46               |
|                        | 5500       | 100     | AVG      | 106     | 53       | 15.37                 | 23.73                       | -8.36                       | -0.50           | 14.87              | 29.73                    | -14.86               |
|                        |            |         | AVG      | 106     | 54       | 15.45                 | 23.73                       | -8.28                       | -0.50           | 14.95              | 29.73                    | -14.78               |
|                        | 5520       | 104     | AVG      | 106     | 53       | 18.00                 | 23.73                       | -5.73                       | -0.50           | 17.50              | 29.73                    | -12.23               |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.73                       | -5.73                       | -0.50           | 17.50              | 29.73                    | -12.23               |
|                        | 5580       | 116     | AVG      | 106     | 53       | 17.86                 | 23.73                       | -5.87                       | -0.50           | 17.36              | 29.73                    | -12.37               |
|                        |            |         | AVG      | 106     | 54       | 17.94                 | 23.73                       | -5.79                       | -0.50           | 17.44              | 29.73                    | -12.29               |
|                        | 5680       | 136     | AVG      | 106     | 53       | 18.00                 | 23.73                       | -5.73                       | -0.50           | 17.50              | 29.73                    | -12.23               |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.73                       | -5.73                       | -0.50           | 17.50              | 29.73                    | -12.23               |
|                        | 5700       | 140     | AVG      | 106     | 53       | 14.00                 | 23.73                       | -9.73                       | -0.50           | 13.50              | 29.73                    | -16.23               |
|                        |            |         | AVG      | 106     | 54       | 14.00                 | 23.73                       | -9.73                       | -0.50           | 13.50              | 29.73                    | -16.23               |
|                        | 5720       | 144     | AVG      | 106     | 53       | 18.00                 | 23.73                       | -5.73                       | -0.50           | 17.50              | 29.73                    | -12.23               |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.73                       | -5.73                       | -0.50           | 17.50              | 29.73                    | -12.23               |
|                        | 5745       | 149     | AVG      | 106     | 53       | 20.95                 | 30.00                       | -9.05                       | -0.80           | 20.15              | -                        | -                    |
|                        |            |         | AVG      | 106     | 54       | 20.93                 | 30.00                       | -9.07                       | -0.80           | 20.13              | -                        | -                    |
|                        | 5785       | 157     | AVG      | 106     | 53       | 20.96                 | 30.00                       | -9.04                       | -0.80           | 20.16              | -                        | -                    |
|                        |            |         | AVG      | 106     | 54       | 21.00                 | 30.00                       | -9.00                       | -0.80           | 20.20              | -                        | -                    |
|                        | 5825       | 165     | AVG      | 106     | 53       | 20.98                 | 30.00                       | -9.02                       | -0.80           | 20.18              | -                        | -                    |
|                        |            |         | AVG      | 106     | 54       | 20.94                 | 30.00                       | -9.06                       | -0.80           | 20.14              | -                        | -                    |

Table 7-59. ISED Antenna 1b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5190       | 38      | AVG      | 242     | 61       | 14.40                 | -                           | -                           | -1.10           | 13.30              | 22.77                    | -9.47                |
|                        |            |         | AVG      | 242     | 62       | 14.50                 | -                           | -                           | -1.10           | 13.40              | 22.77                    | -9.37                |
|                        | 5230       | 46      | AVG      | 242     | 61       | 15.12                 | -                           | -                           | -1.10           | 14.02              | 22.77                    | -8.75                |
|                        |            |         | AVG      | 242     | 62       | 15.25                 | -                           | -                           | -1.10           | 14.15              | 22.77                    | -8.62                |
|                        | 5270       | 54      | AVG      | 242     | 61       | 19.85                 | 23.76                       | -3.91                       | -1.20           | 18.65              | 29.76                    | -11.11               |
|                        |            |         | AVG      | 242     | 62       | 20.00                 | 23.76                       | -3.76                       | -1.20           | 18.80              | 29.76                    | -10.96               |
|                        | 5310       | 62      | AVG      | 242     | 61       | 14.34                 | 23.76                       | -9.42                       | -1.20           | 13.14              | 29.76                    | -16.62               |
|                        |            |         | AVG      | 242     | 62       | 14.44                 | 23.76                       | -9.32                       | -1.20           | 13.24              | 29.76                    | -16.52               |
|                        | 5510       | 102     | AVG      | 242     | 61       | 12.87                 | 23.73                       | -10.86                      | -0.50           | 12.37              | 29.73                    | -17.36               |
|                        |            |         | AVG      | 242     | 62       | 13.00                 | 23.73                       | -10.73                      | -0.50           | 12.50              | 29.73                    | -17.23               |
|                        | 5550       | 110     | AVG      | 242     | 61       | 18.94                 | 23.73                       | -4.79                       | -0.50           | 18.44              | 29.73                    | -11.29               |
|                        |            |         | AVG      | 242     | 62       | 19.00                 | 23.73                       | -4.73                       | -0.50           | 18.50              | 29.73                    | -11.23               |
|                        | 5670       | 134     | AVG      | 242     | 61       | 15.89                 | 23.73                       | -7.84                       | -0.50           | 15.39              | 29.73                    | -14.34               |
|                        |            |         | AVG      | 242     | 62       | 16.00                 | 23.73                       | -7.73                       | -0.50           | 15.50              | 29.73                    | -14.23               |
|                        | 5710       | 142     | AVG      | 106     | 53       | 17.52                 | 23.73                       | -6.21                       | -0.50           | 17.02              | 29.73                    | -12.71               |
|                        |            |         | AVG      | 106     | 54       | 18.00                 | 23.73                       | -5.73                       | -0.50           | 17.50              | 29.73                    | -12.23               |
|                        |            |         | AVG      | 106     | 56       | 17.74                 | 23.73                       | -5.99                       | -0.50           | 17.24              | 29.73                    | -12.49               |
|                        | 5755       | 151     | AVG      | 242     | 61       | 20.22                 | 23.98                       | -3.76                       | -0.80           | 19.42              | -                        | -                    |
|                        |            |         | AVG      | 242     | 62       | 20.46                 | 23.98                       | -3.52                       | -0.80           | 19.66              | -                        | -                    |
|                        | 5795       | 159     | AVG      | 242     | 61       | 20.47                 | 23.98                       | -3.51                       | -0.80           | 19.67              | -                        | -                    |
|                        |            |         | AVG      | 242     | 62       | 20.50                 | 23.98                       | -3.48                       | -0.80           | 19.70              | -                        | -                    |

Table 7-60. ISED Antenna 1b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

|                                         |                                                                                     |                                       |                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                              | EUT Type:<br>Tablet Device            | Page 212 of 958                 |

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | Max e.i.r.p. [dBm] | Max e.i.r.p. Limit [dBm] | e.i.r.p. Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|-----------------|--------------------|--------------------------|----------------------|
|                        | 5210       | 42      | AVG      | 484     | 65       | 13.50                 | -                           | -                           | -1.10           | 12.40              | 22.77                    | -10.37               |
|                        |            |         | AVG      | 484     | 66       | 13.50                 | -                           | -                           | -1.10           | 12.40              | 22.77                    | -10.37               |
|                        | 5290       | 58      | AVG      | 484     | 65       | 12.88                 | 23.76                       | -10.88                      | -1.20           | 11.68              | 29.76                    | -18.08               |
|                        |            |         | AVG      | 484     | 66       | 13.00                 | 23.76                       | -10.76                      | -1.20           | 11.80              | 29.76                    | -17.96               |
|                        | 5530       | 106     | AVG      | 484     | 65       | 12.86                 | 23.73                       | -10.87                      | -0.50           | 12.36              | 29.73                    | -17.37               |
|                        |            |         | AVG      | 484     | 66       | 12.90                 | 23.73                       | -10.83                      | -0.50           | 12.40              | 29.73                    | -17.33               |
|                        | 5690       | 138     | AVG      | 106     | 53       | 17.53                 | 23.73                       | -6.20                       | -0.50           | 17.03              | 29.73                    | -12.70               |
|                        |            |         | AVG      | 106     | 56       | 17.94                 | 23.73                       | -5.79                       | -0.50           | 17.44              | 29.73                    | -12.29               |
|                        |            |         | AVG      | 106     | 60       | 17.76                 | 23.73                       | -5.97                       | -0.50           | 17.26              | 29.73                    | -12.47               |
|                        | 5775       | 155     | AVG      | 484     | 65       | 17.83                 | 23.47                       | -5.64                       | -0.80           | 17.03              | -                        | -                    |
|                        |            |         | AVG      | 484     | 66       | 18.00                 | 23.47                       | -5.47                       | -0.80           | 17.20              | -                        | -                    |

Table 7-61. ISED Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

|                                         |                                                                                                                                                                                                              |                                       |                                 |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>PCTEST</b><br>Proud to be part of  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                                                                                                       | EUT Type:<br>Tablet Device            | Page 213 of 958                 |

## FCC Antenna 1b Conducted Output Power Measurements (Fully-loaded RU)

| 5GHz (20MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5180       | 36      | AVG      | 242     | 61       | 16.50                 | 23.98                       | -7.48                       |
|                        | 5200       | 40      | AVG      | 242     | 61       | 20.00                 | 23.98                       | -3.98                       |
|                        | 5240       | 48      | AVG      | 242     | 61       | 20.00                 | 23.98                       | -3.98                       |
|                        | 5260       | 52      | AVG      | 242     | 61       | 20.00                 | 23.76                       | -3.76                       |
|                        | 5300       | 60      | AVG      | 242     | 61       | 20.00                 | 23.76                       | -3.76                       |
|                        | 5320       | 64      | AVG      | 242     | 61       | 16.50                 | 23.76                       | -7.26                       |
|                        | 5500       | 100     | AVG      | 242     | 61       | 15.50                 | 23.73                       | -8.23                       |
|                        | 5520       | 104     | AVG      | 242     | 61       | 18.45                 | 23.73                       | -5.28                       |
|                        | 5540       | 108     | AVG      | 242     | 61       | 19.96                 | 23.73                       | -3.77                       |
|                        | 5580       | 116     | AVG      | 242     | 61       | 19.93                 | 23.73                       | -3.80                       |
|                        | 5660       | 132     | AVG      | 242     | 61       | 20.00                 | 23.73                       | -3.73                       |
|                        | 5680       | 136     | AVG      | 242     | 61       | 19.00                 | 23.73                       | -4.73                       |
|                        | 5700       | 140     | AVG      | 242     | 61       | 14.00                 | 23.73                       | -9.73                       |
|                        | 5720       | 144     | AVG      | 242     | 61       | 20.00                 | 23.73                       | -3.73                       |
|                        | 5745       | 149     | AVG      | 242     | 61       | 21.00                 | 30.00                       | -9.00                       |
|                        | 5785       | 157     | AVG      | 242     | 61       | 21.00                 | 30.00                       | -9.00                       |
|                        | 5825       | 165     | AVG      | 242     | 61       | 21.00                 | 30.00                       | -9.00                       |

Table 7-62. FCC Antenna 1b 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

| 5GHz (40MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5190       | 38      | AVG      | 484     | 65       | 14.48                 | 23.98                       | -9.50                       |
|                        | 5230       | 46      | AVG      | 484     | 65       | 20.00                 | 23.98                       | -3.98                       |
|                        | 5270       | 54      | AVG      | 484     | 65       | 20.00                 | 23.76                       | -3.76                       |
|                        | 5310       | 62      | AVG      | 484     | 65       | 14.48                 | 23.76                       | -9.28                       |
|                        | 5510       | 102     | AVG      | 484     | 65       | 13.00                 | 23.73                       | -10.73                      |
|                        | 5550       | 110     | AVG      | 484     | 65       | 18.94                 | 23.73                       | -4.79                       |
|                        | 5590       | 118     | AVG      | 484     | 65       | 21.00                 | 23.73                       | -2.73                       |
|                        | 5670       | 134     | AVG      | 484     | 65       | 15.92                 | 23.73                       | -7.81                       |
|                        | 5710       | 142     | AVG      | 484     | 65       | 21.00                 | 23.73                       | -2.73                       |
|                        | 5755       | 151     | AVG      | 484     | 65       | 20.46                 | 23.98                       | -3.52                       |
|                        | 5795       | 159     | AVG      | 484     | 65       | 20.50                 | 23.98                       | -3.48                       |

Table 7-63. FCC Antenna 1b 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

| 5GHz (80MHz Bandwidth) | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|------------------------|------------|---------|----------|---------|----------|-----------------------|-----------------------------|-----------------------------|
|                        | 5210       | 42      | AVG      | 996     | 67       | 13.50                 | 23.98                       | -10.48                      |
|                        | 5290       | 58      | AVG      | 996     | 67       | 13.00                 | 23.76                       | -10.76                      |
|                        | 5530       | 106     | AVG      | 996     | 67       | 13.00                 | 23.73                       | -10.73                      |
|                        | 5610       | 122     | AVG      | 996     | 67       | 17.00                 | 23.73                       | -6.73                       |
|                        | 5690       | 138     | AVG      | 996     | 67       | 21.00                 | 23.73                       | -2.73                       |
|                        | 5775       | 155     | AVG      | 996     | 67       | 17.92                 | 23.47                       | -5.55                       |

Table 7-64. FCC Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

|                                         |                                                                                                                                  |                            |                                 |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| FCC ID: BCGA2072                        |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                            | Approved by:<br>Quality Manager |
| Test Report S/N:<br>1C2004270030-13.BCG | Test Dates:<br>07/16/2020 - 09/08/2020                                                                                           | EUT Type:<br>Tablet Device | Page 214 of 958                 |