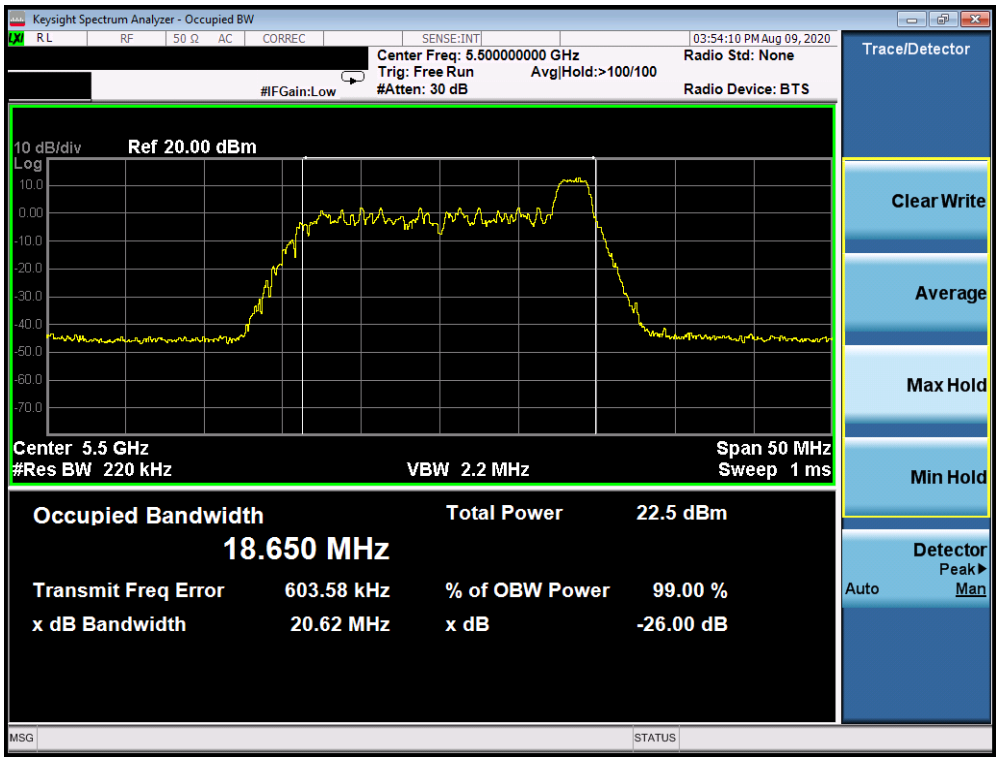
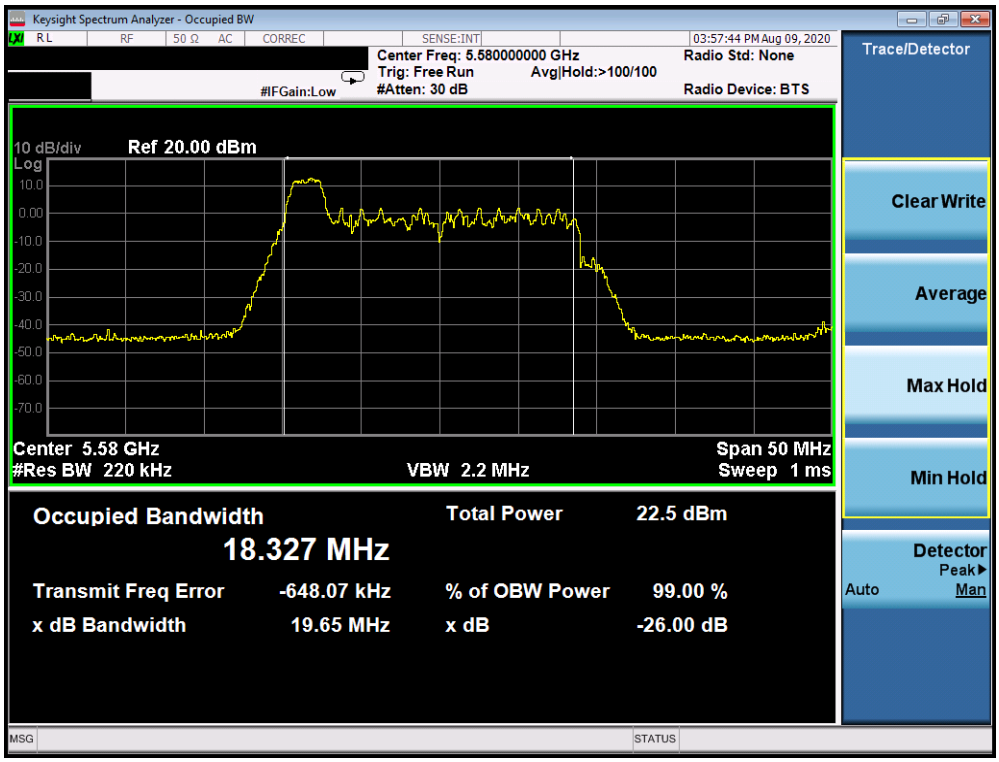
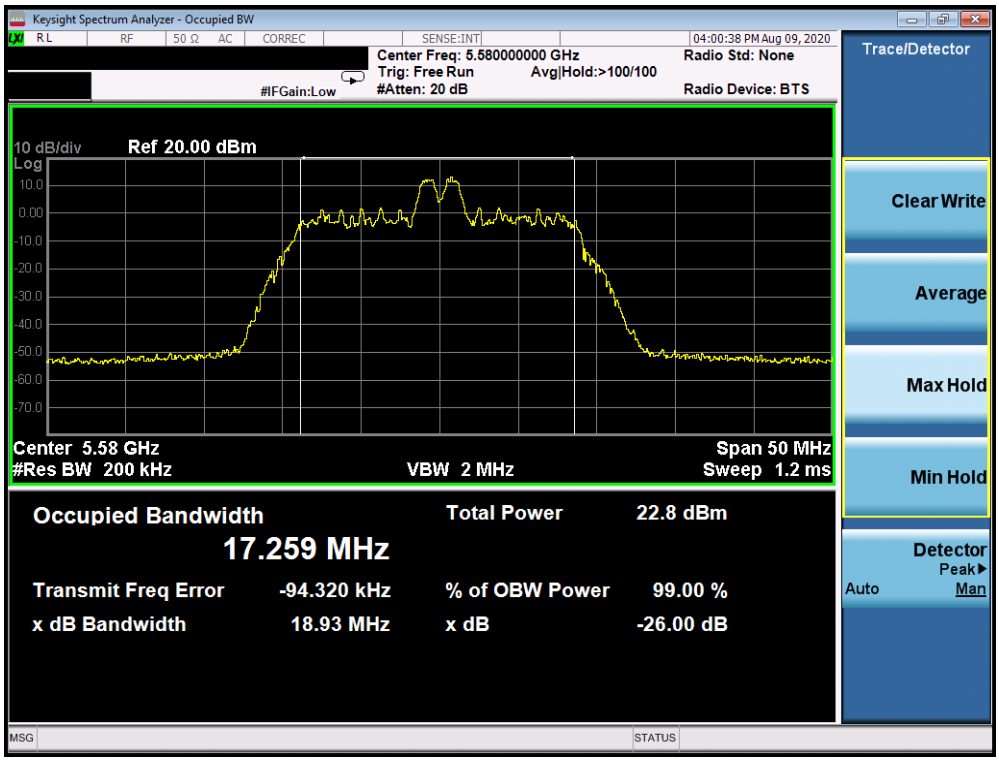


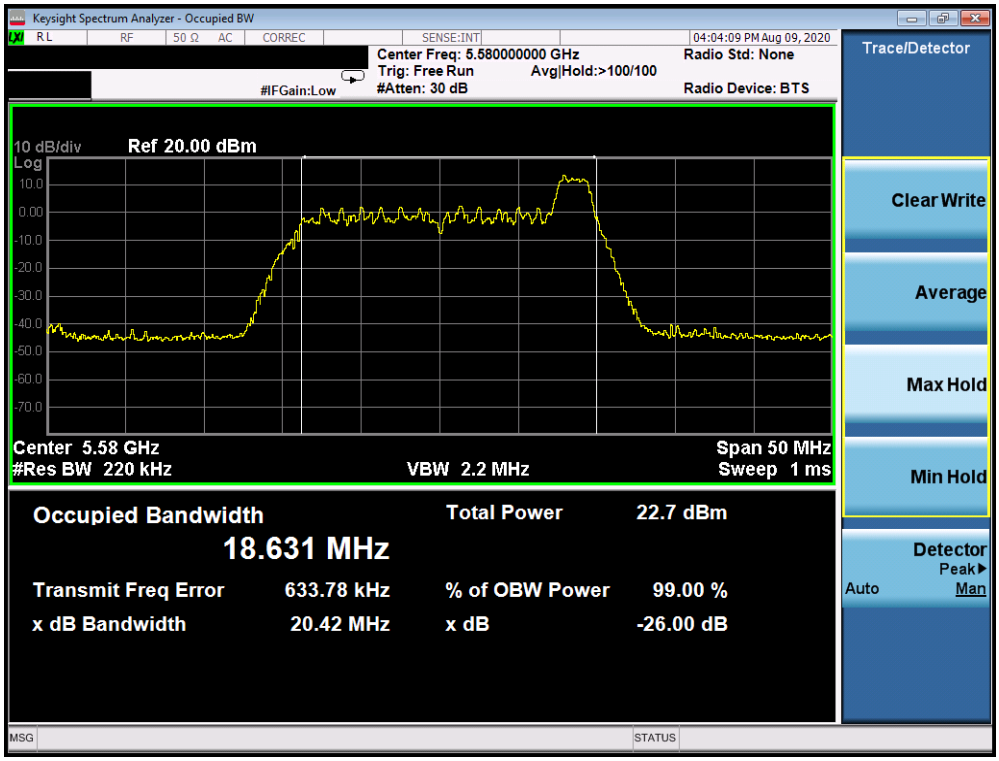

**Plot 7-211. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 100)**



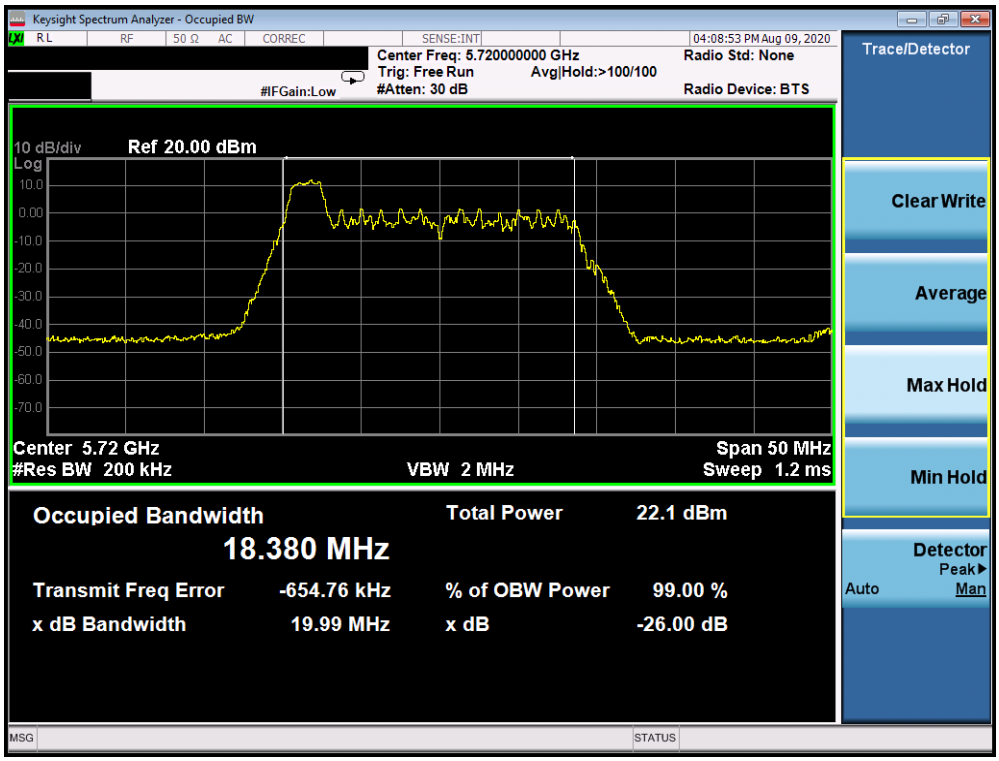

**Plot 7-212. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 116)**



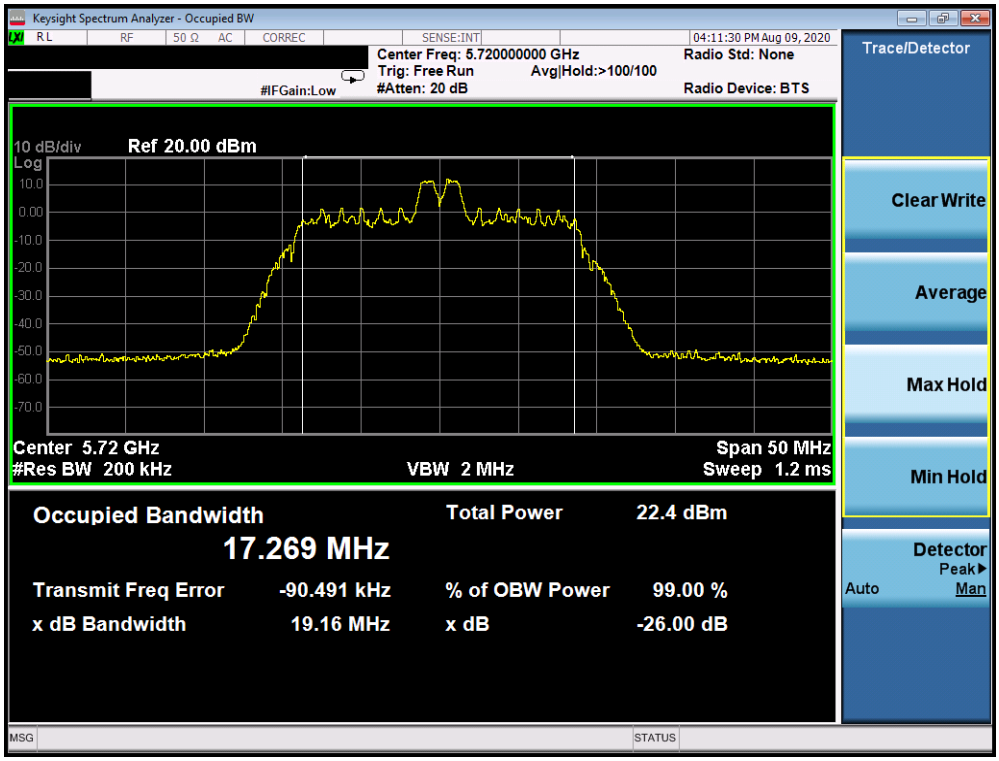

**Plot 7-213. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2C) – Ch. 116)**



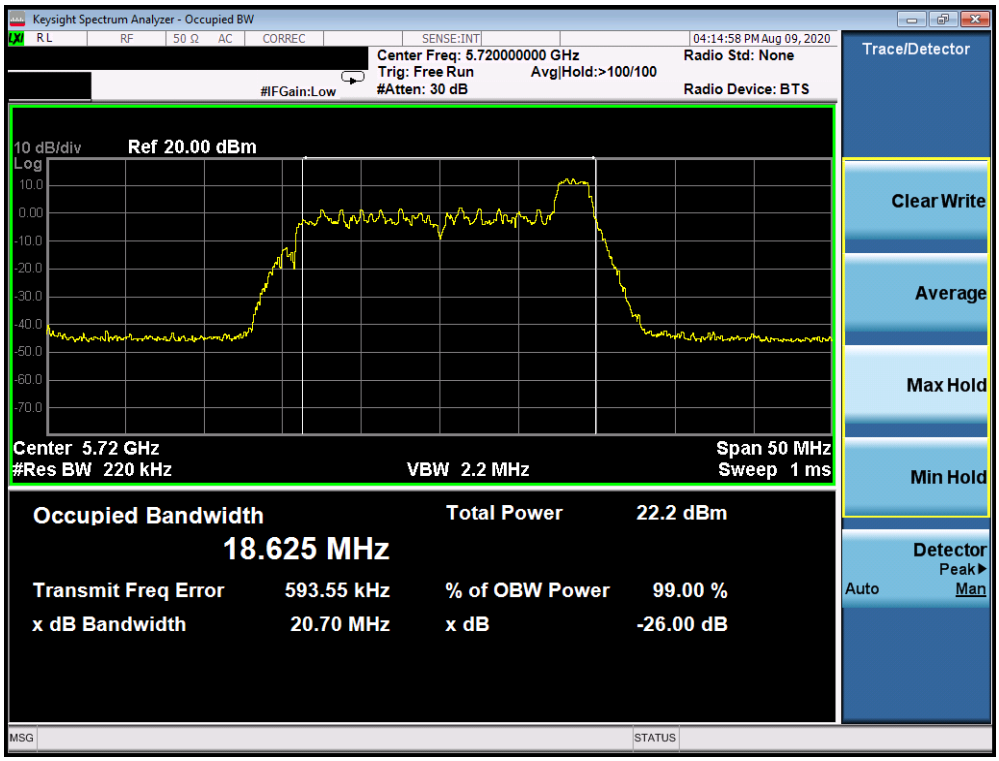

**Plot 7-214. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8– RU26 (UNII Band 2C) – Ch. 116)**



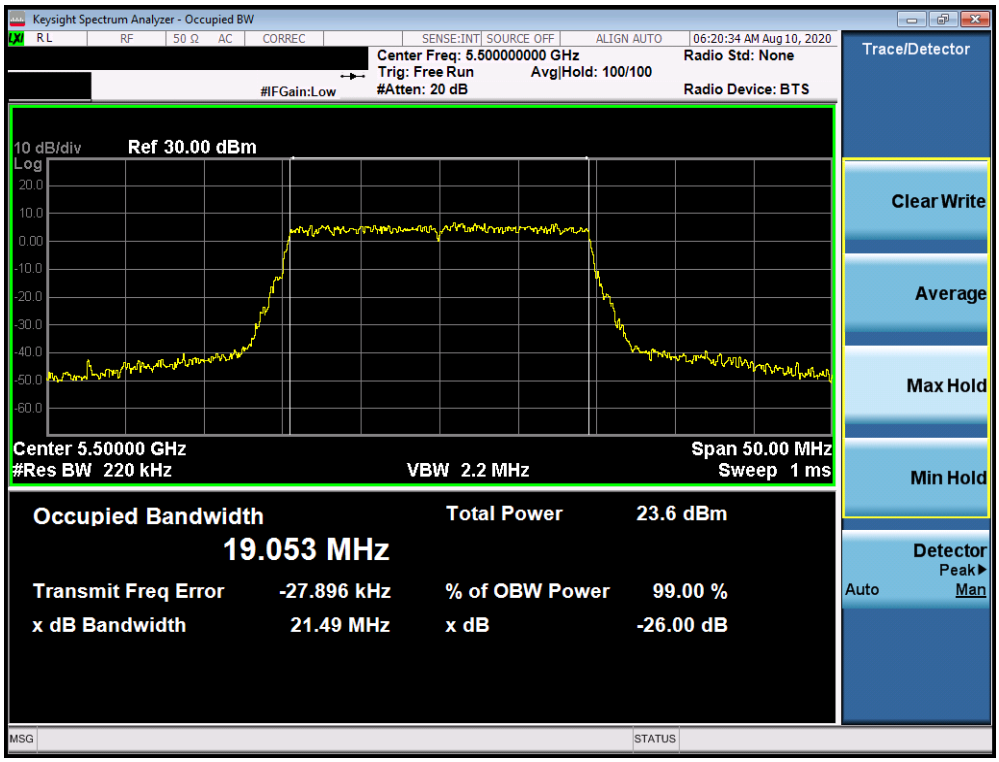

**Plot 7-215. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 144)**



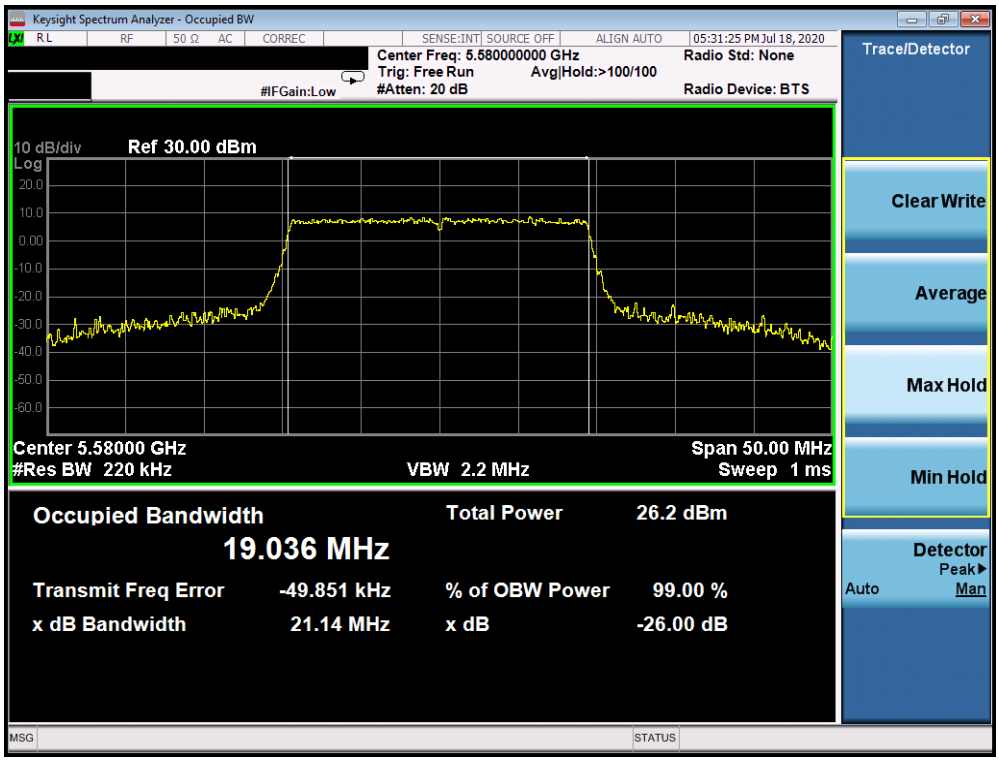

**Plot 7-216. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2C) – Ch. 144)**



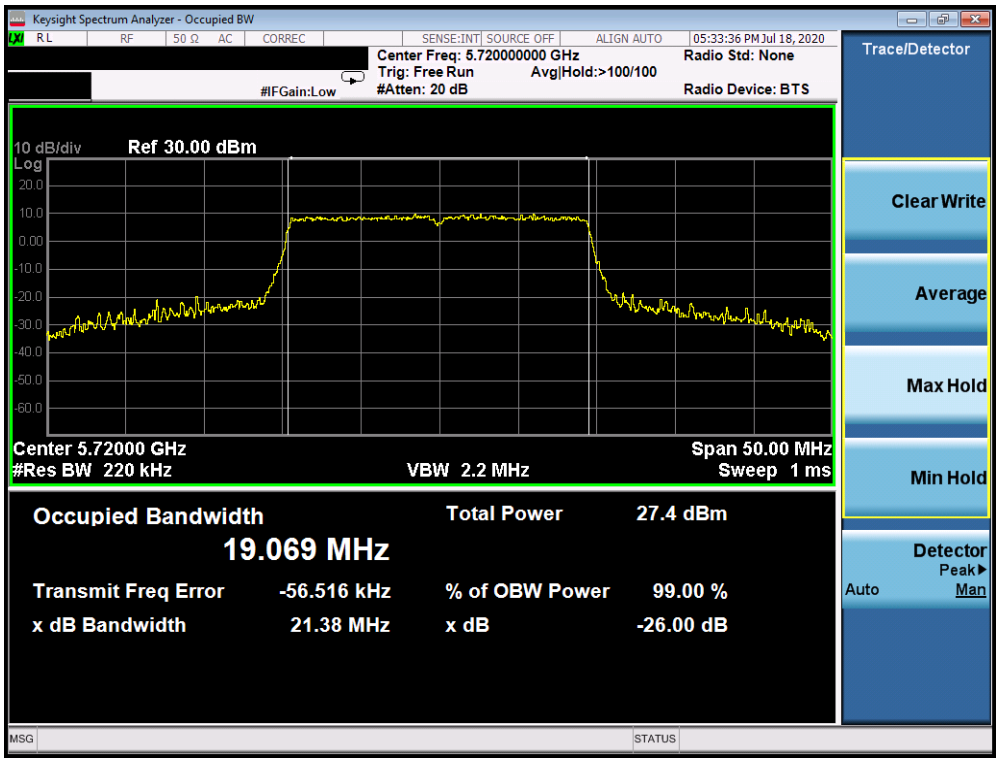

**Plot 7-217. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 144)**



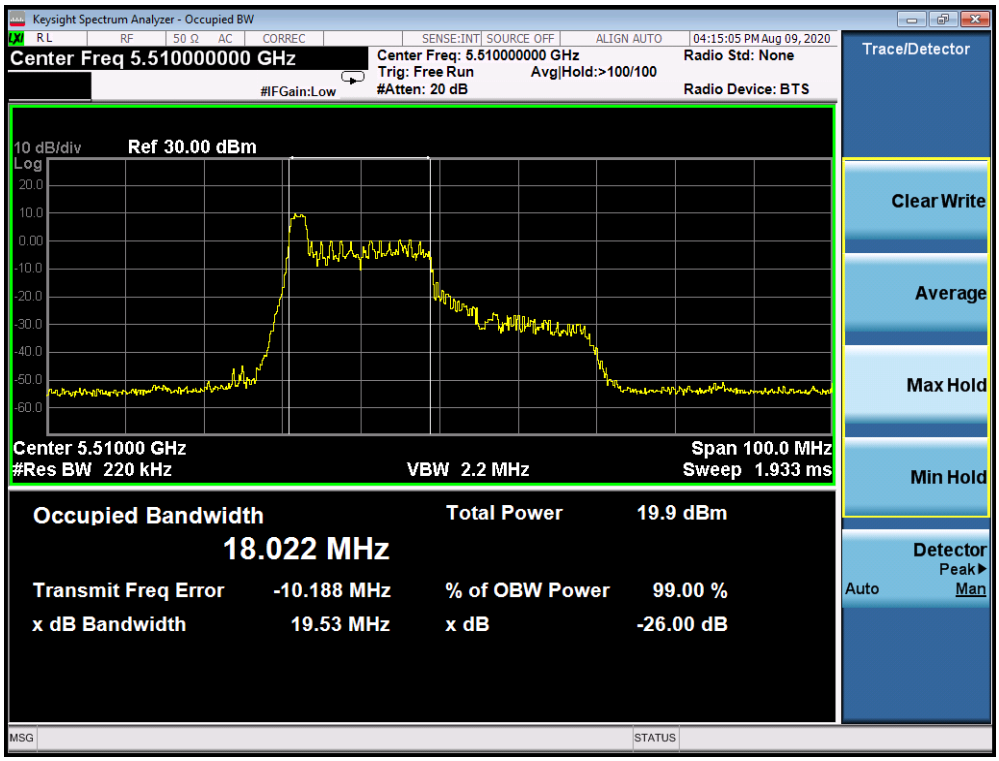

**Plot 7-218. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax– RU242 (UNII Band 2C) – Ch. 100)**



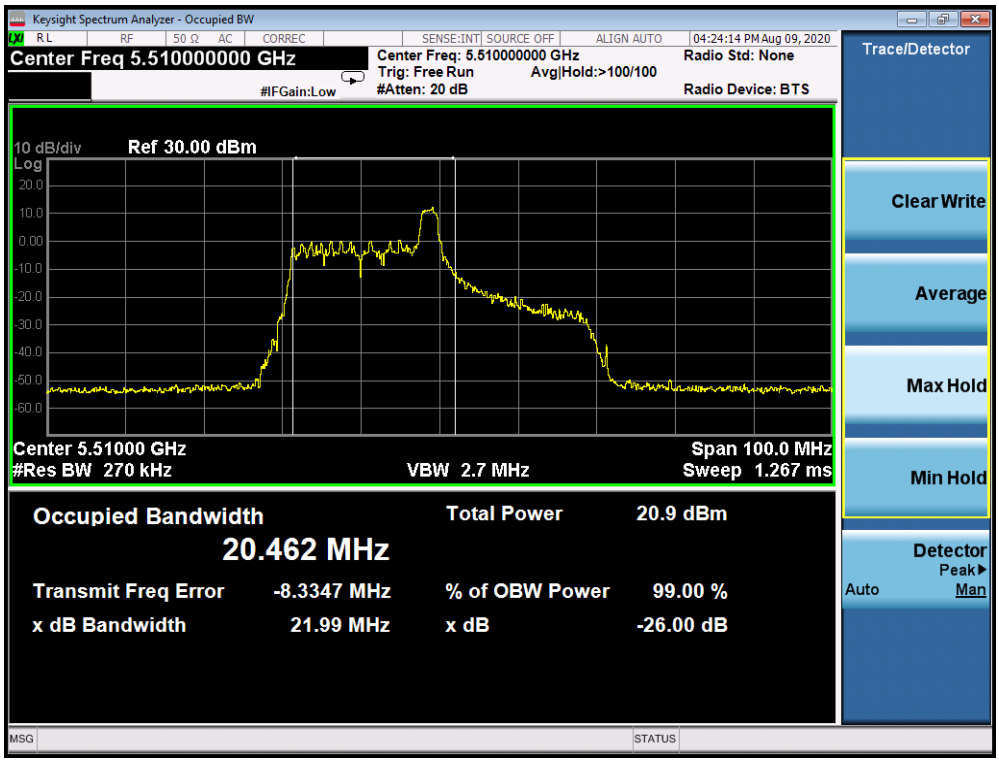

**Plot 7-219. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax– RU242 (UNII Band 2C) – Ch. 116)**



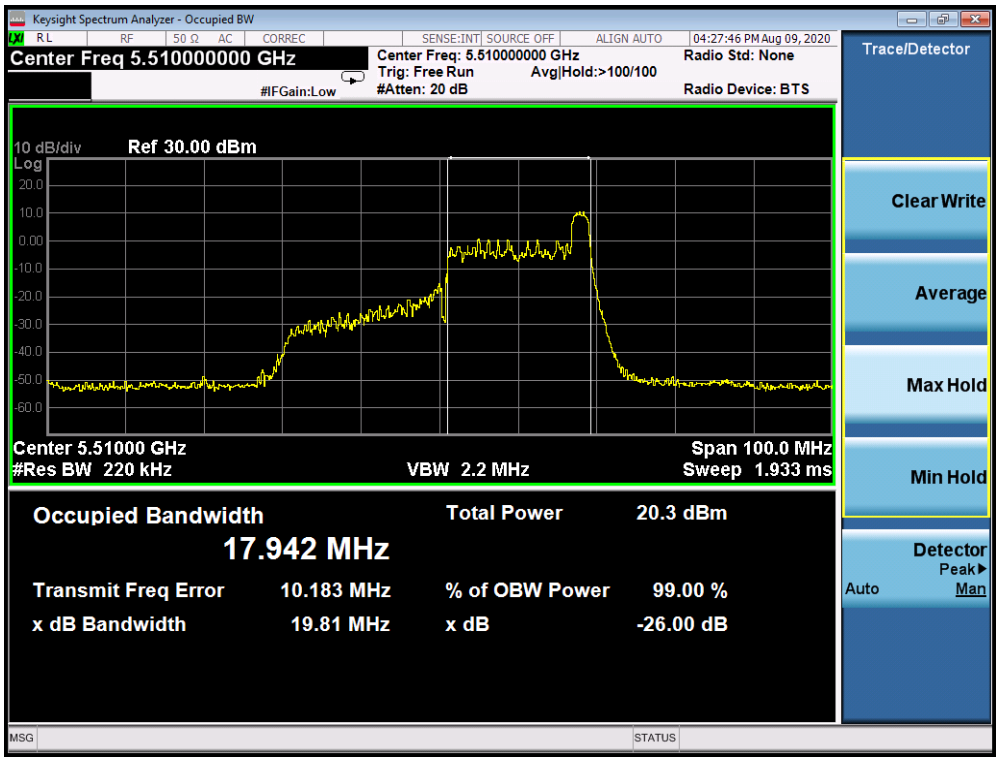

**Plot 7-220. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax– RU242 (UNII Band 2C) – Ch. 144)**



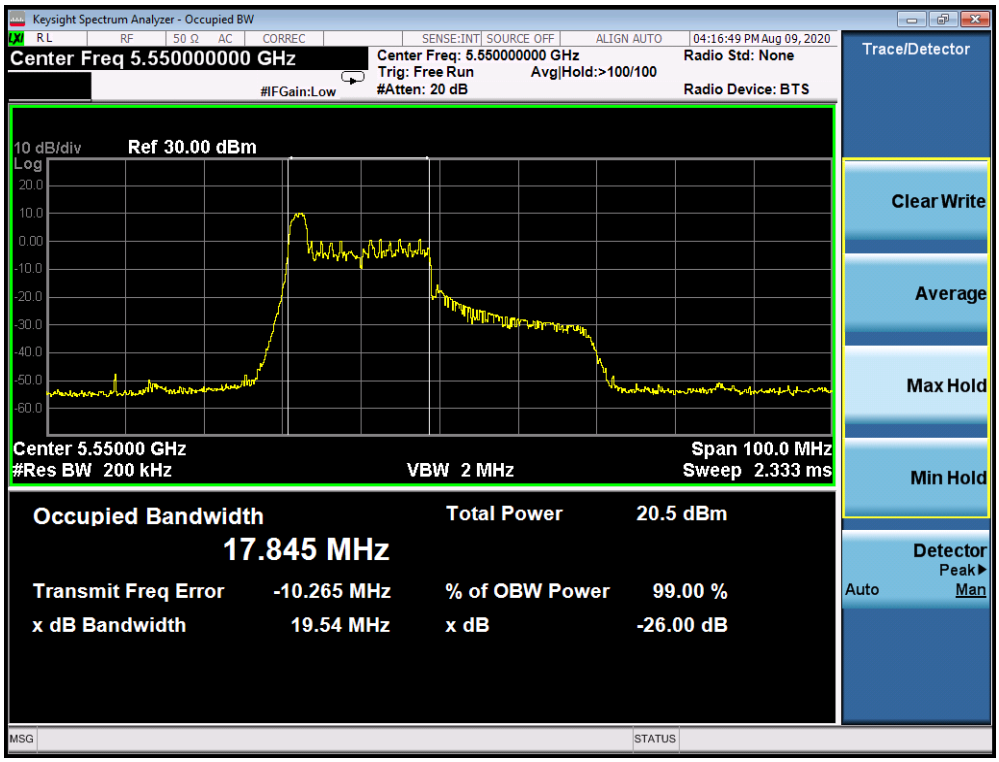

**Plot 7-221. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 102)**



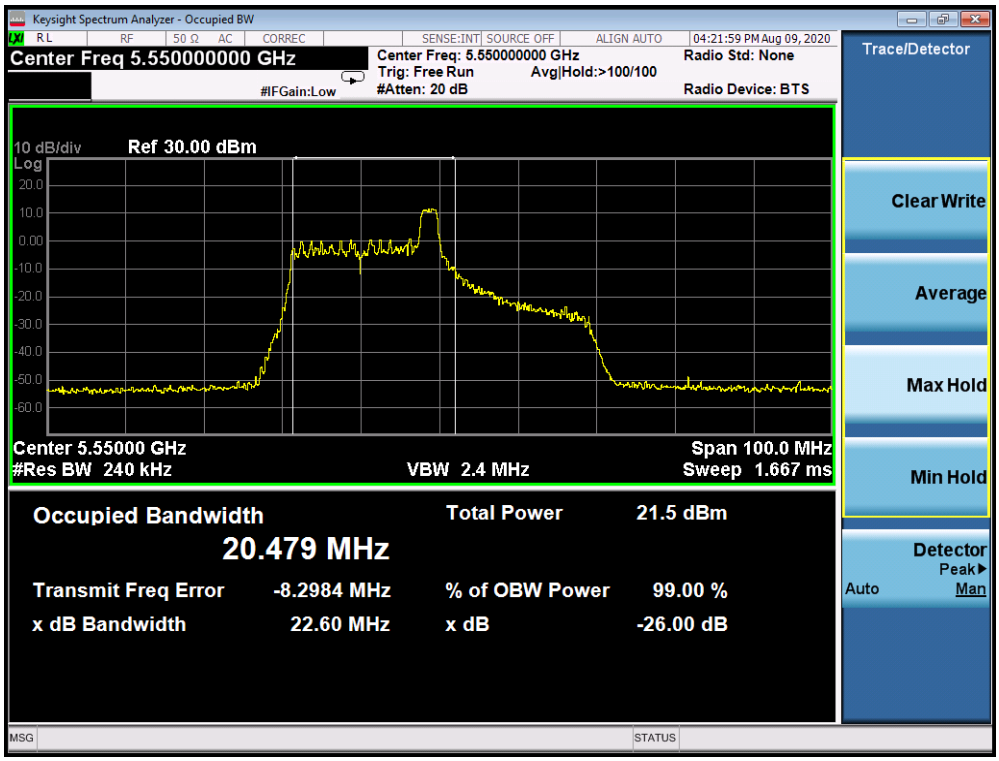

**Plot 7-222. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 102)**



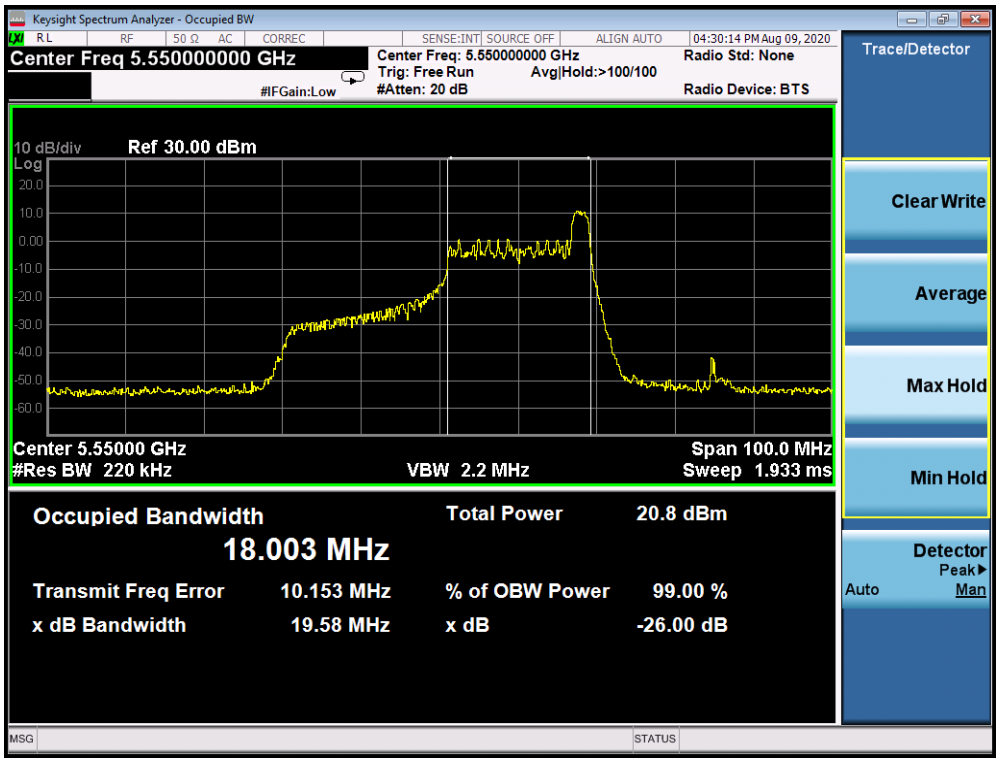

**Plot 7-223. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 102)**



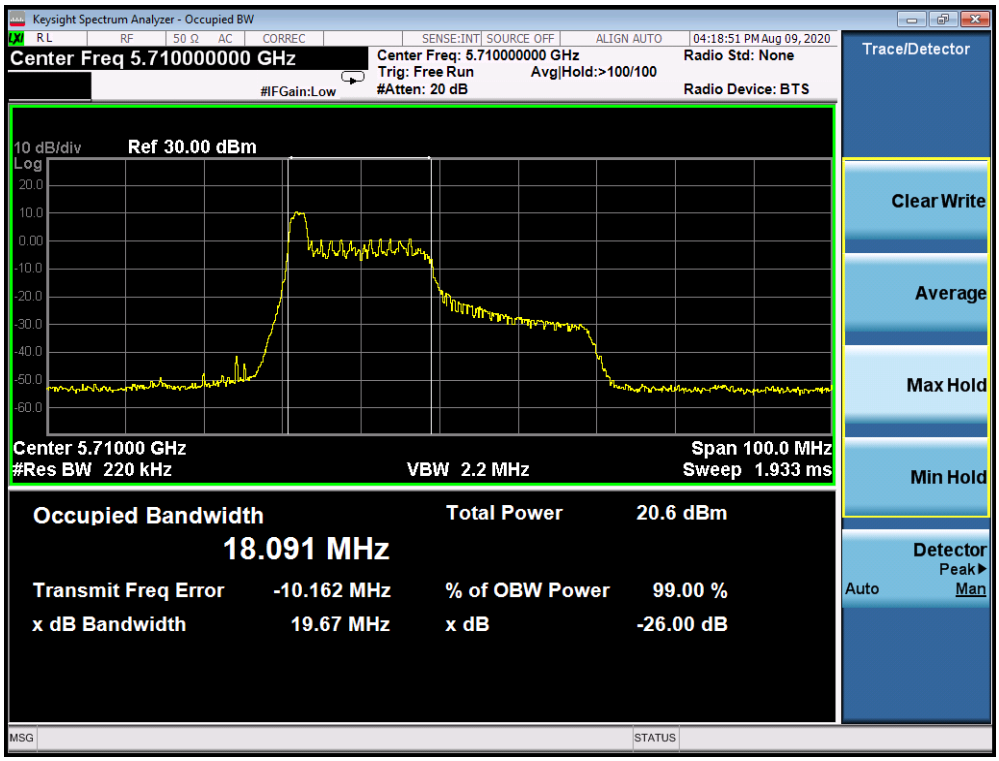

**Plot 7-224. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 110)**



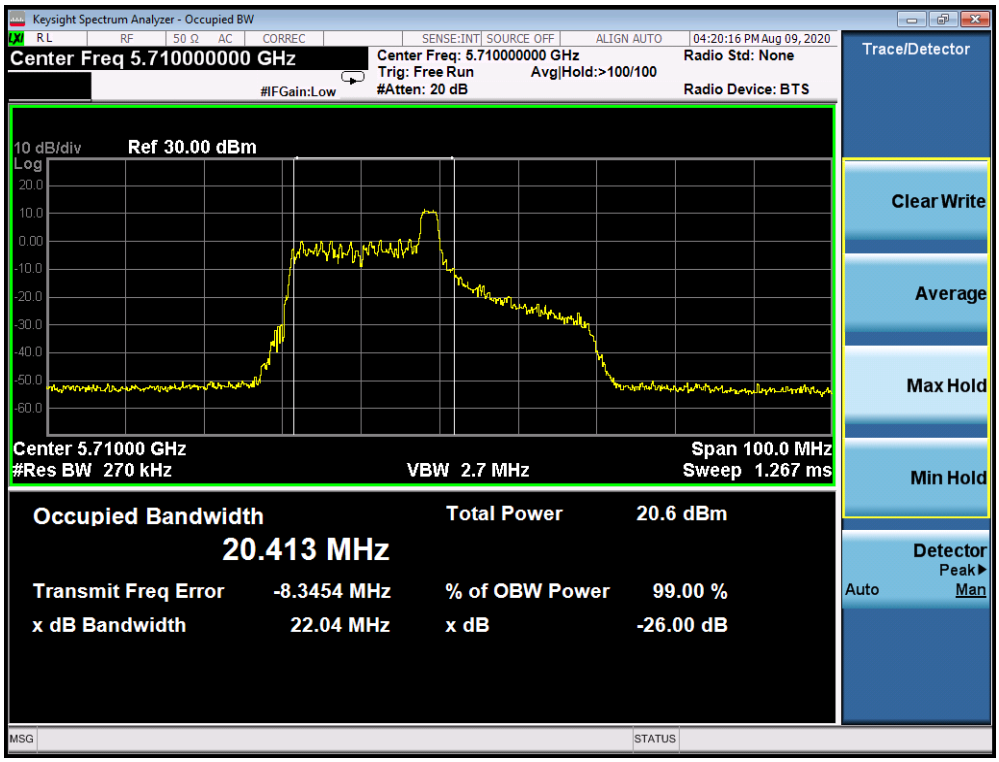

**Plot 7-225. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 110)**



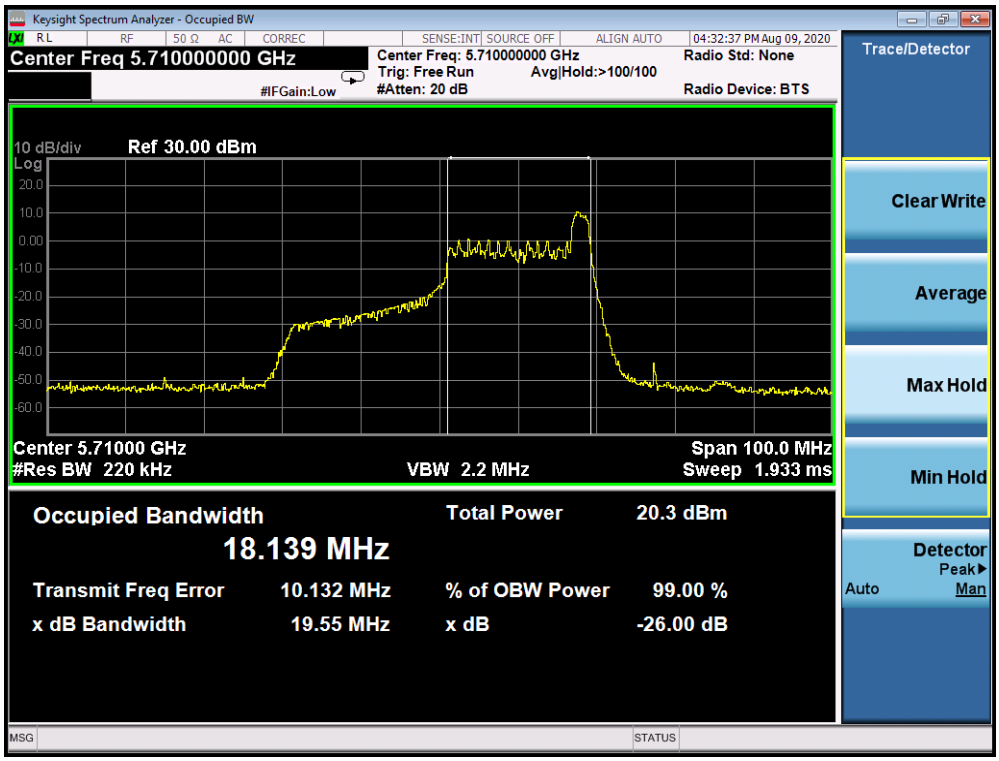

**Plot 7-226. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 110)**



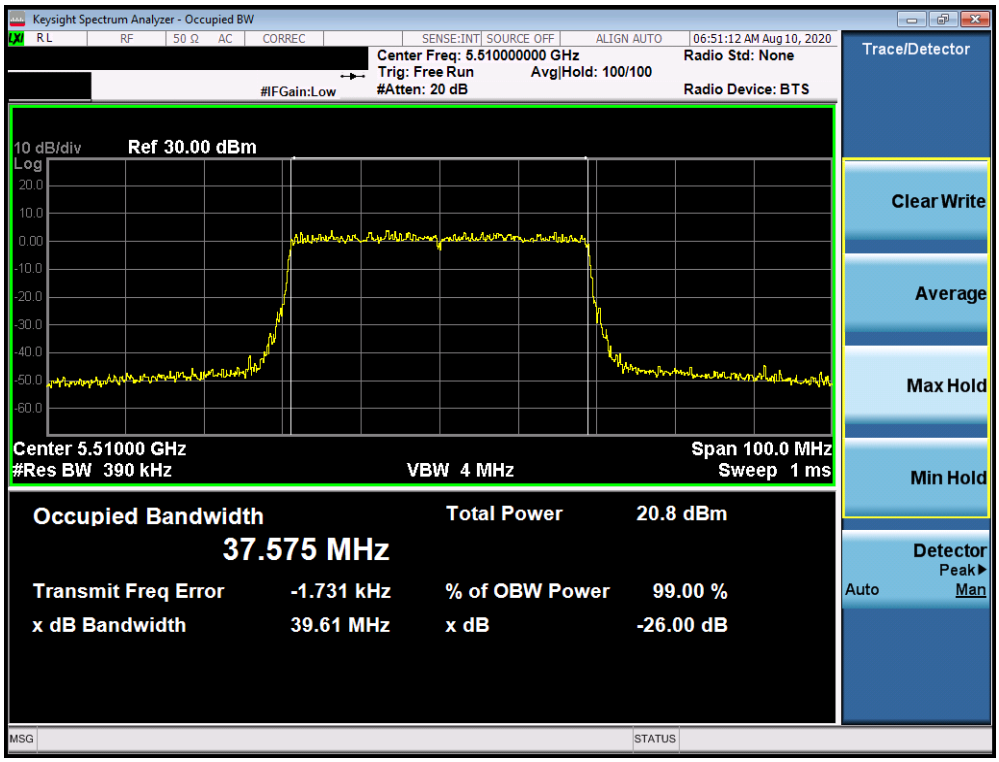

**Plot 7-227. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 142)**



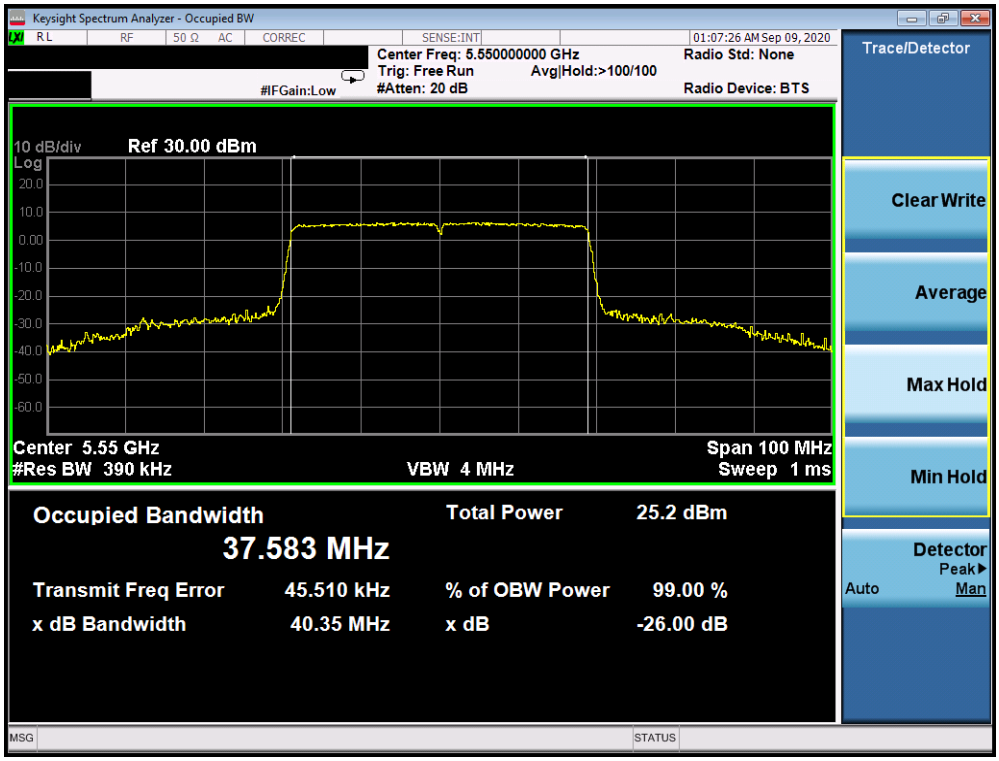

**Plot 7-228. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 142)**



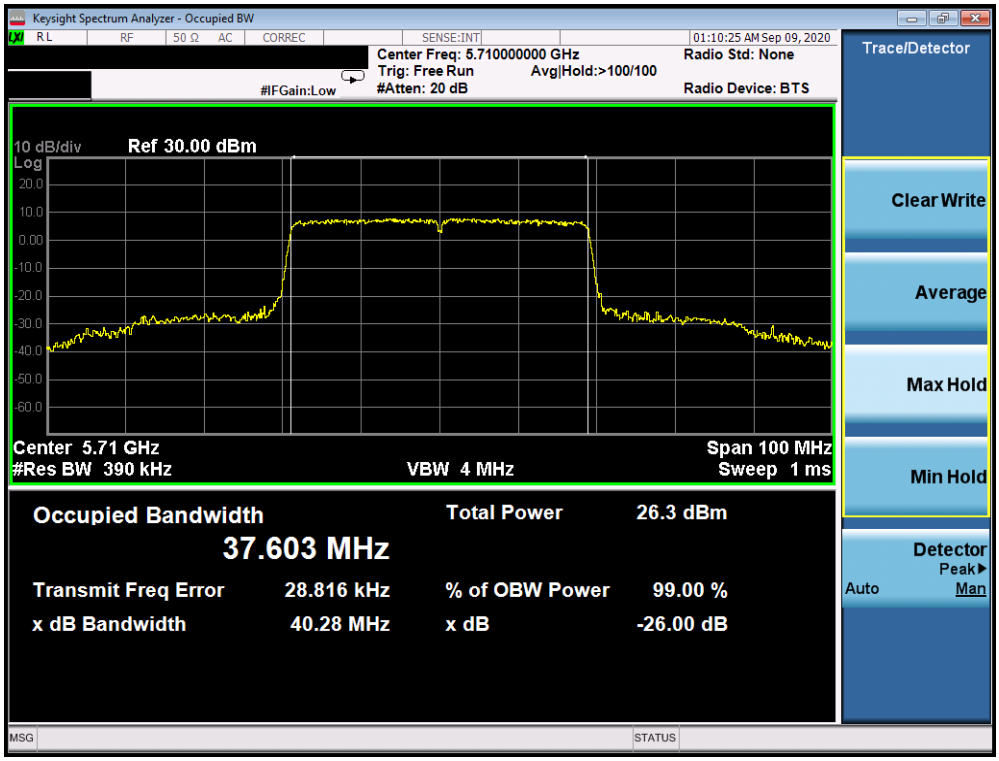

**Plot 7-229. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 142)**



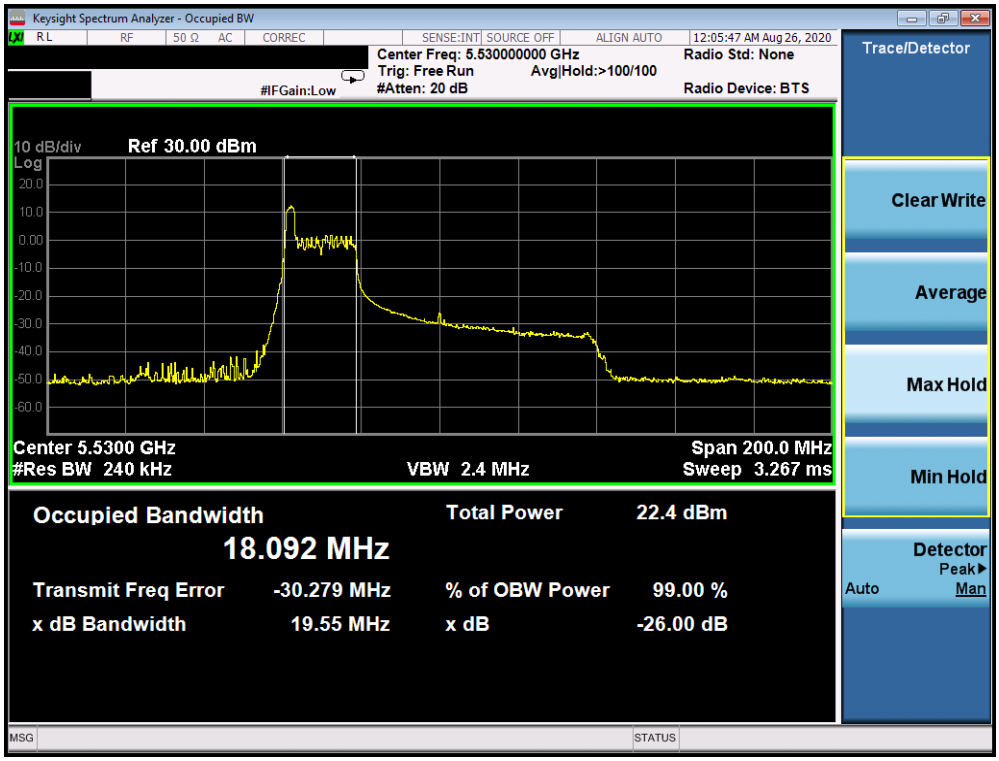

**Plot 7-230. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 102)**



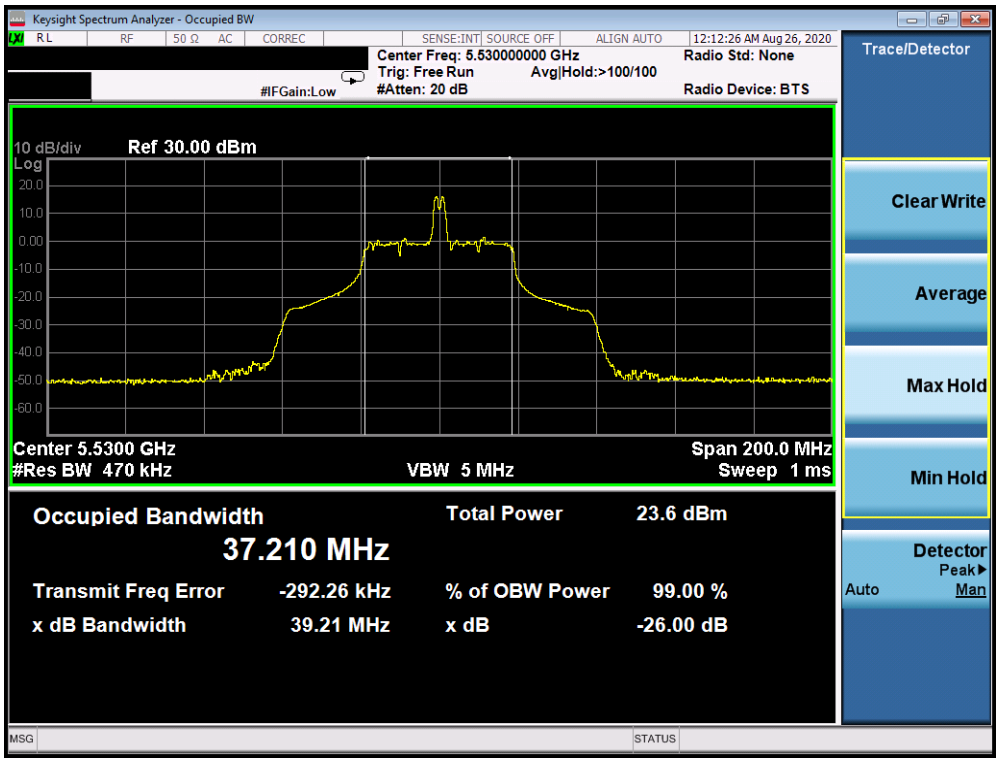

**Plot 7-231. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 110)**



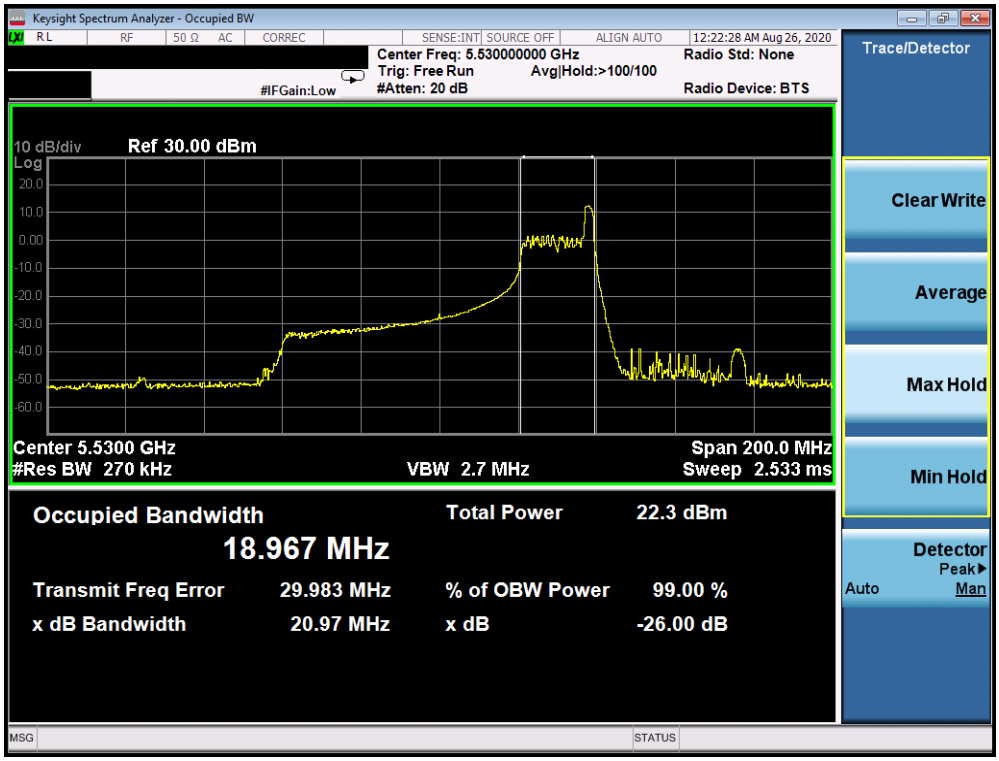

**Plot 7-232. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 142)**



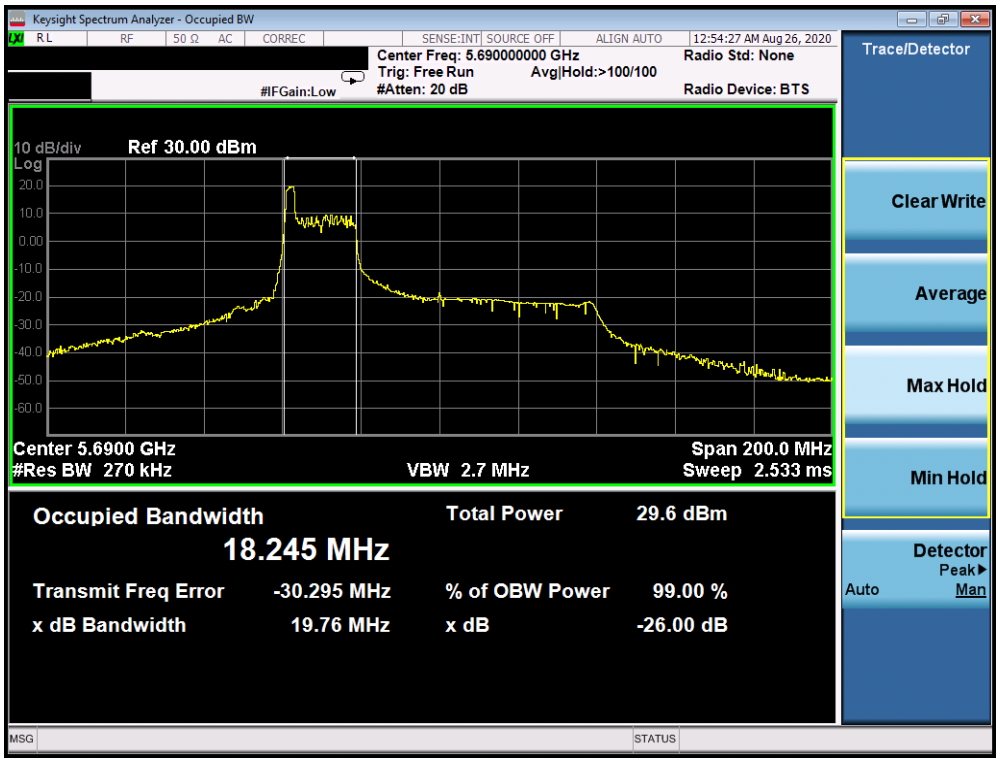

**Plot 7-233. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 106)**



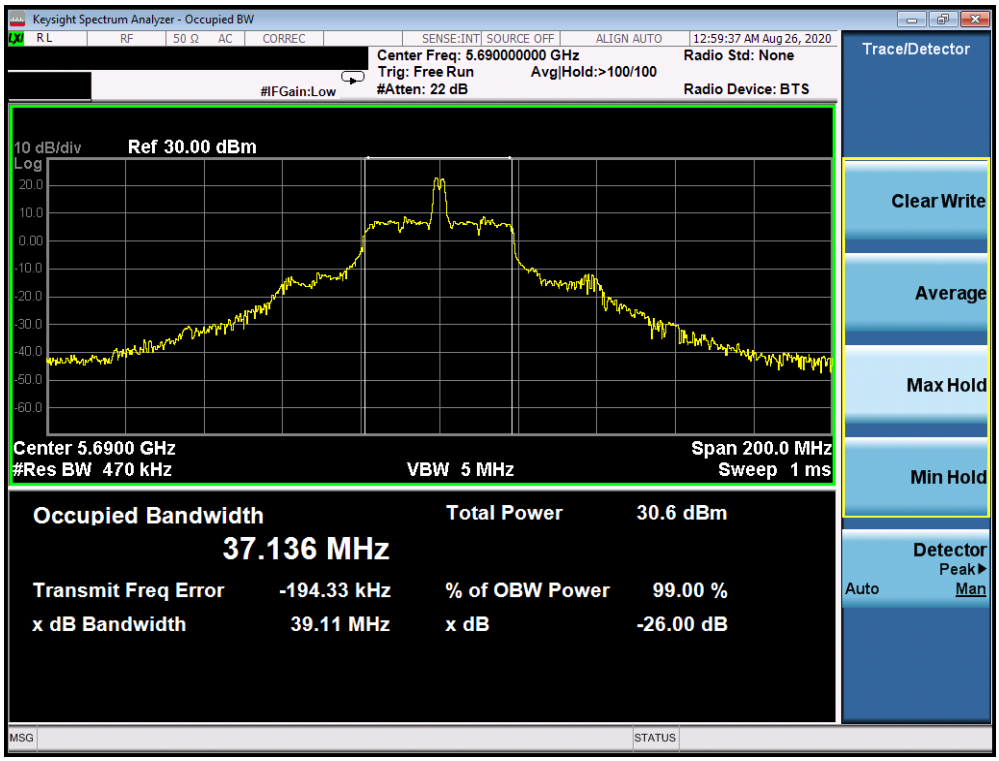

**Plot 7-234. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 2C) – Ch. 106)**



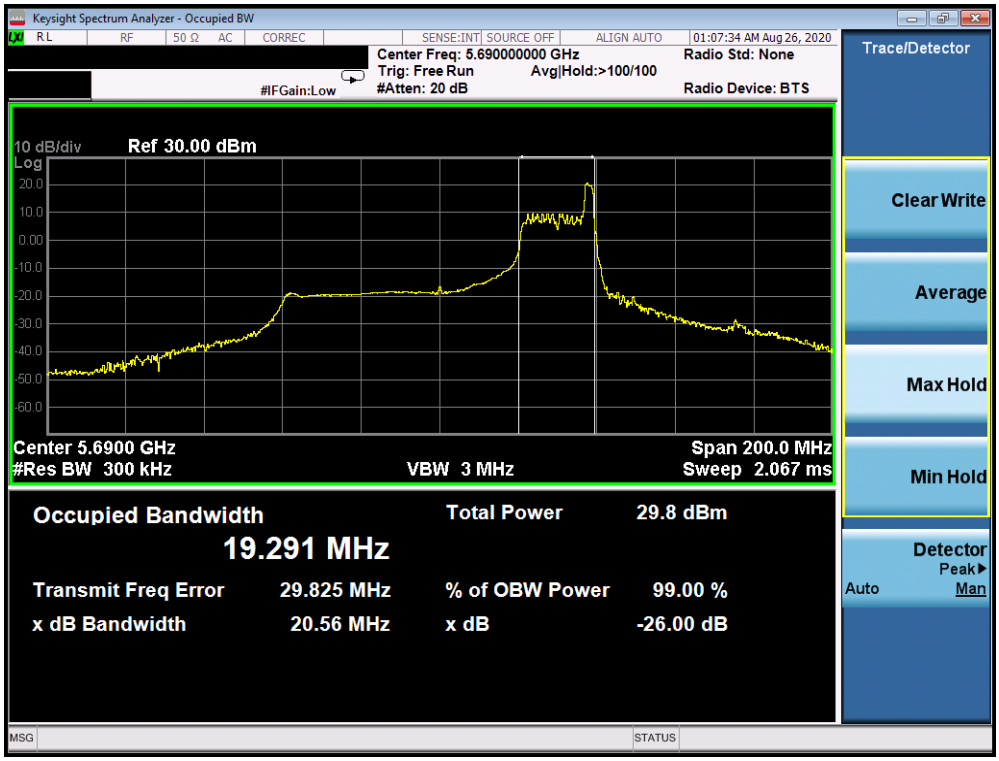

**Plot 7-235. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2C) – Ch. 106)**



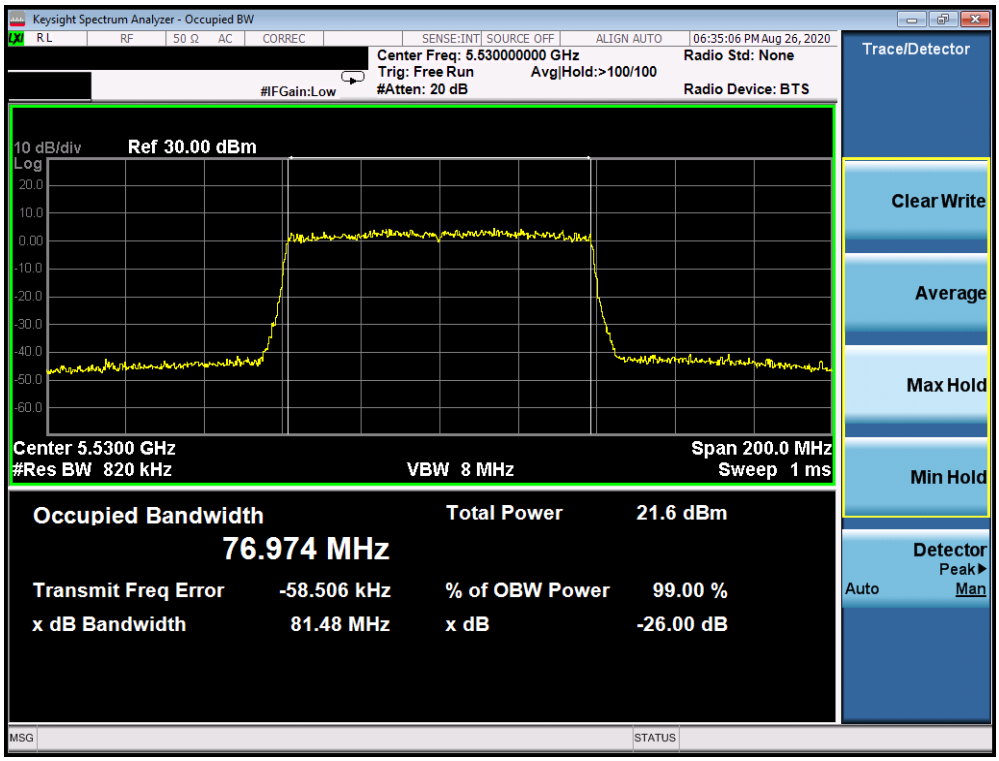

**Plot 7-236. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 138)**



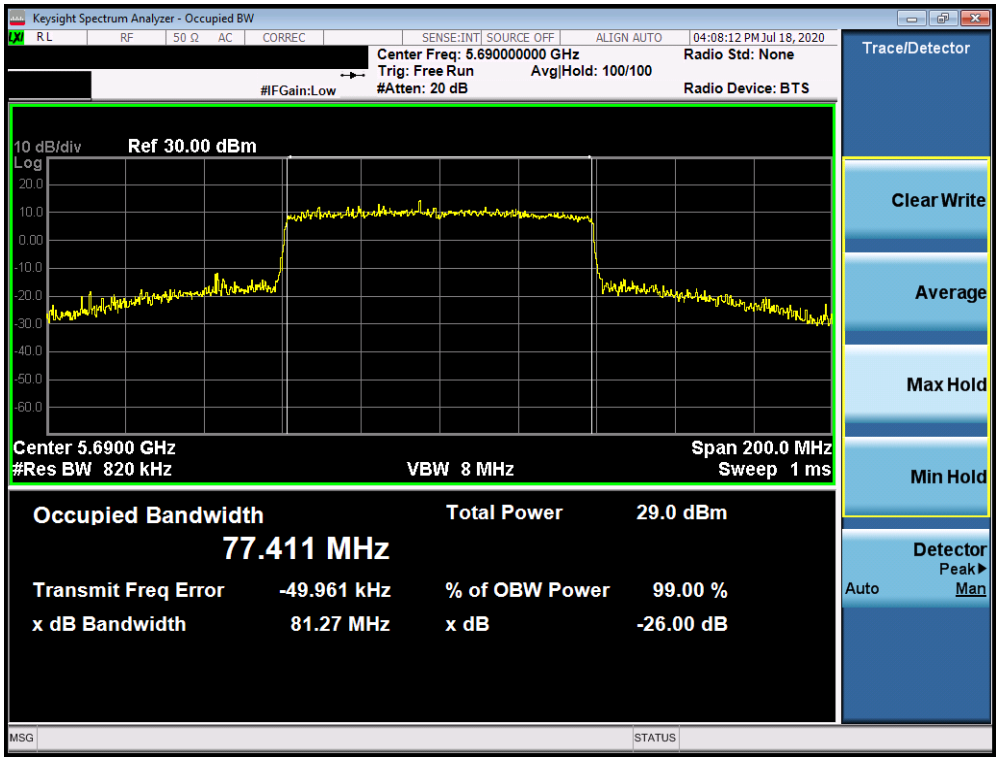

**Plot 7-237. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 2C) – Ch. 138)**




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




**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)**

## 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 ≥ 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 ≥ 3 x 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.

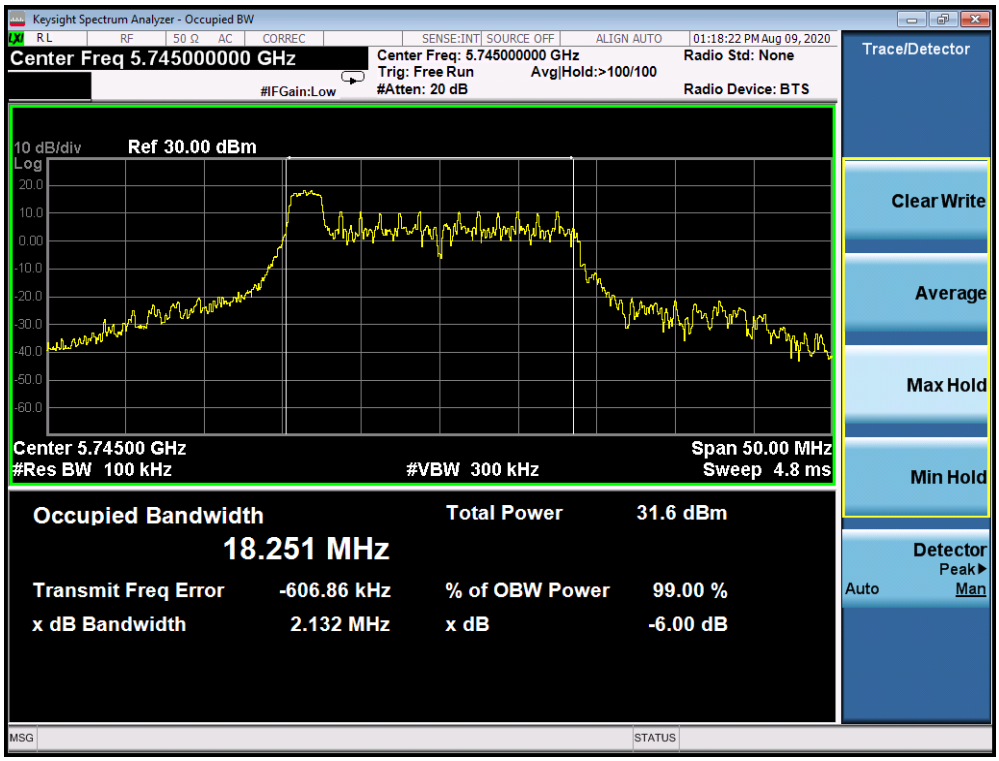
## Antenna 2b 6dB Bandwidth Measurements

| | 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 |

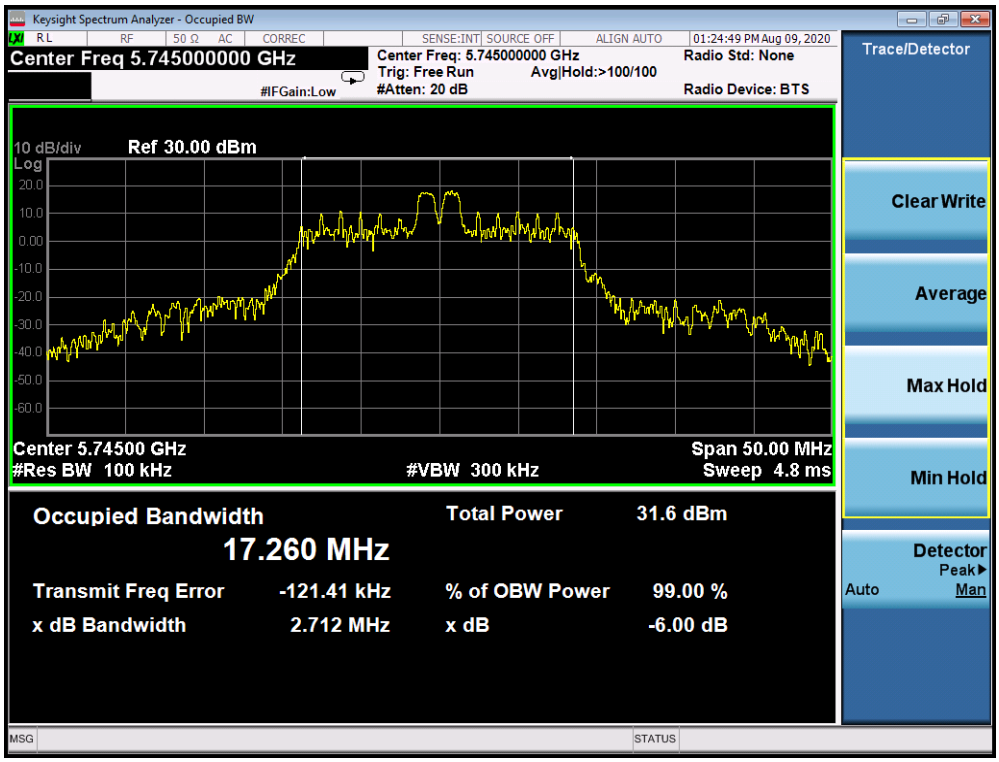
**Table 7-8. Conducted Bandwidth Measurements Antenna 2b (RU26)**

| | 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 |

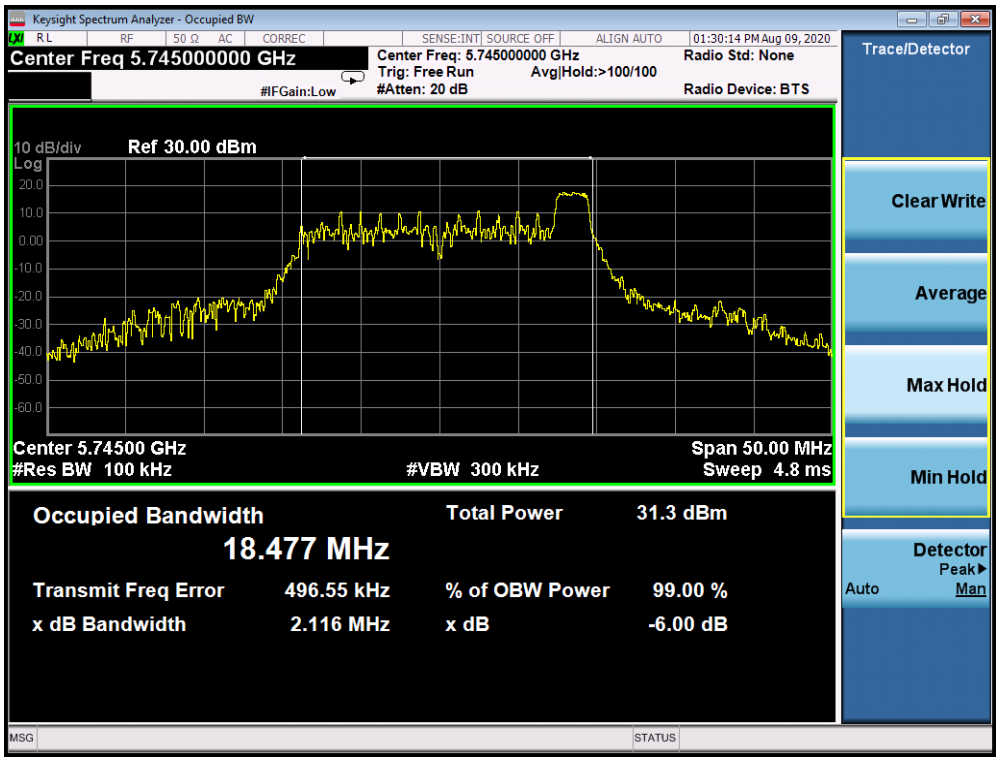
**Table 7-9. Conducted Bandwidth Measurements Antenna 2b (Fully- loaded RU)**



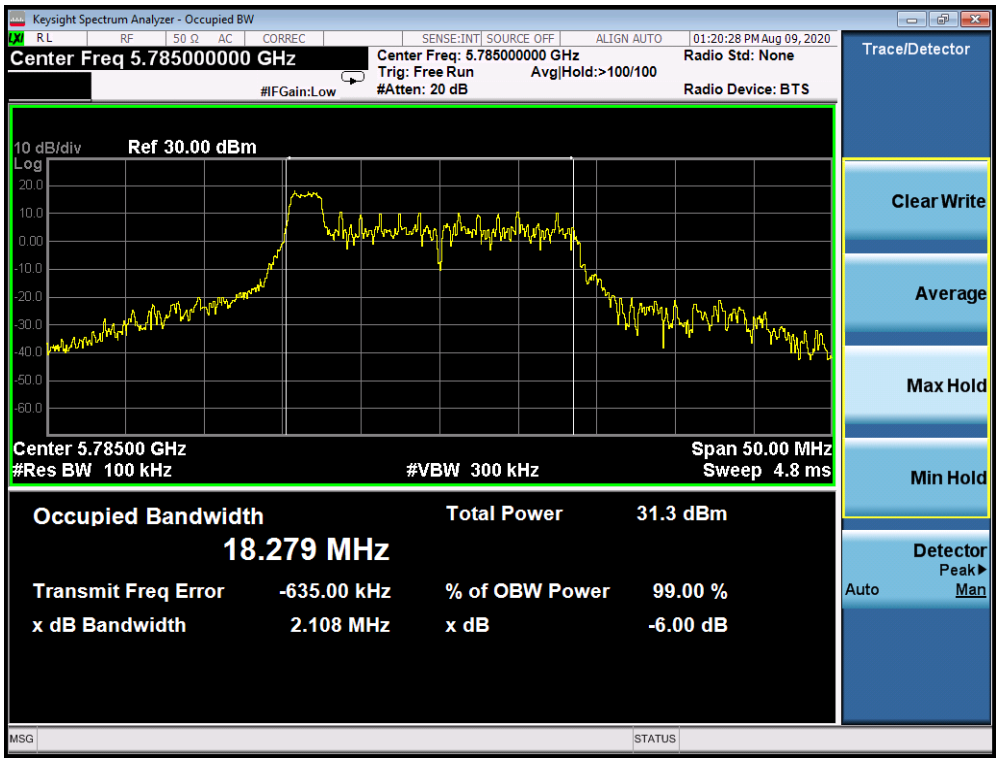

**Plot 7-241. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 149)**



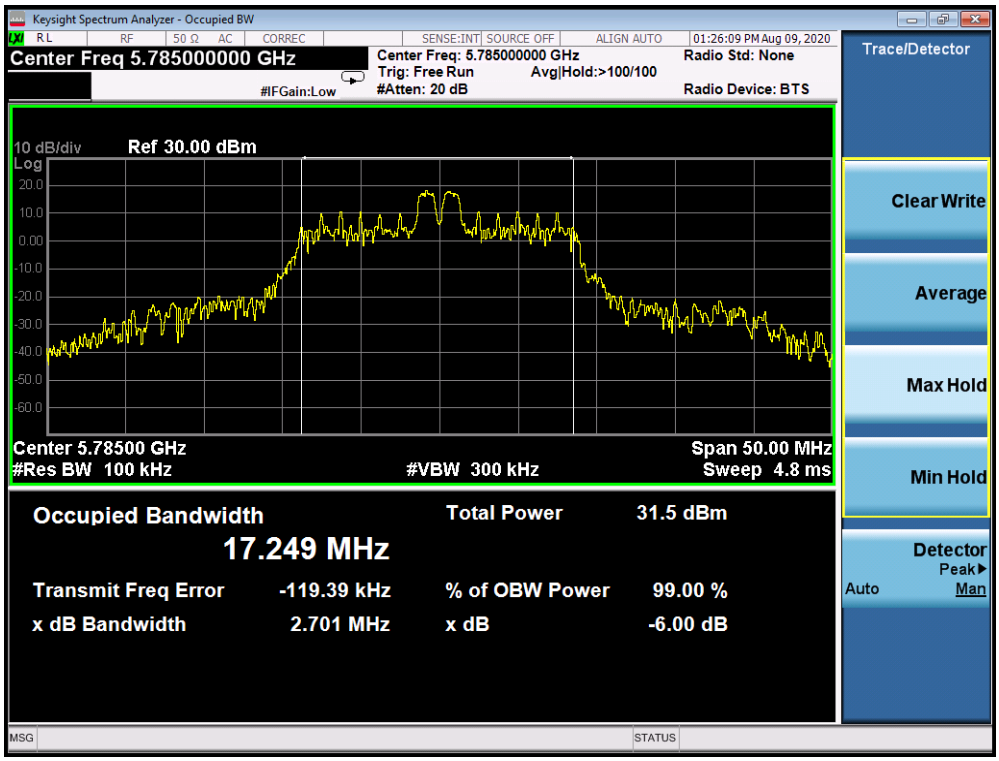

**Plot 7-242. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 149)**



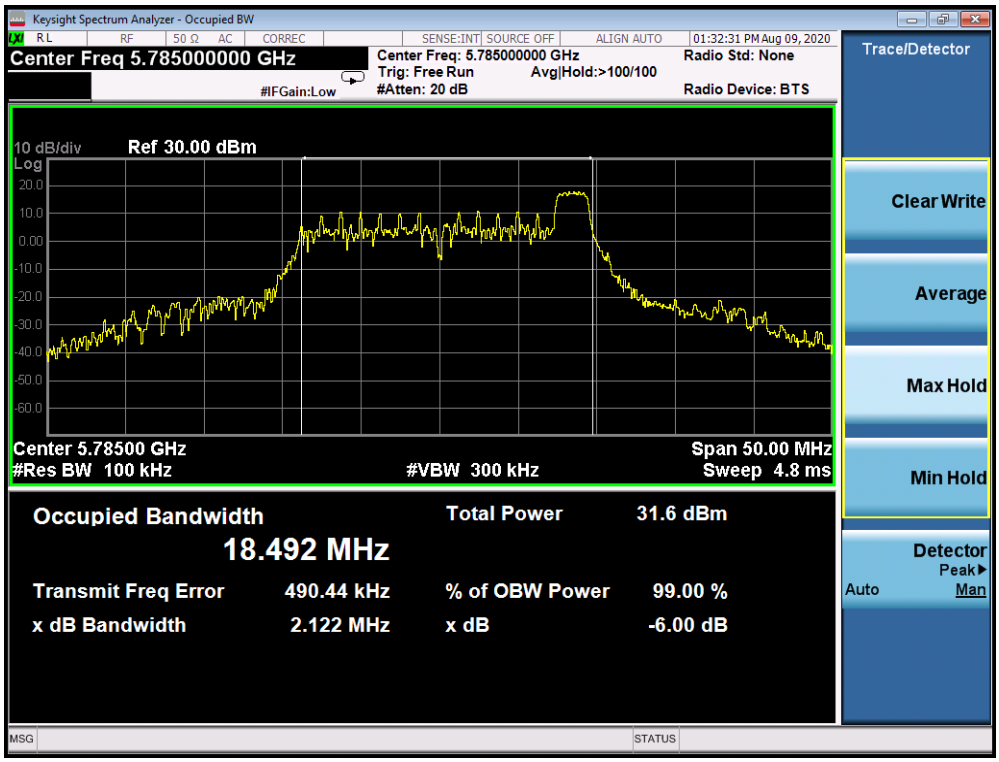

**Plot 7-243. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 149)**



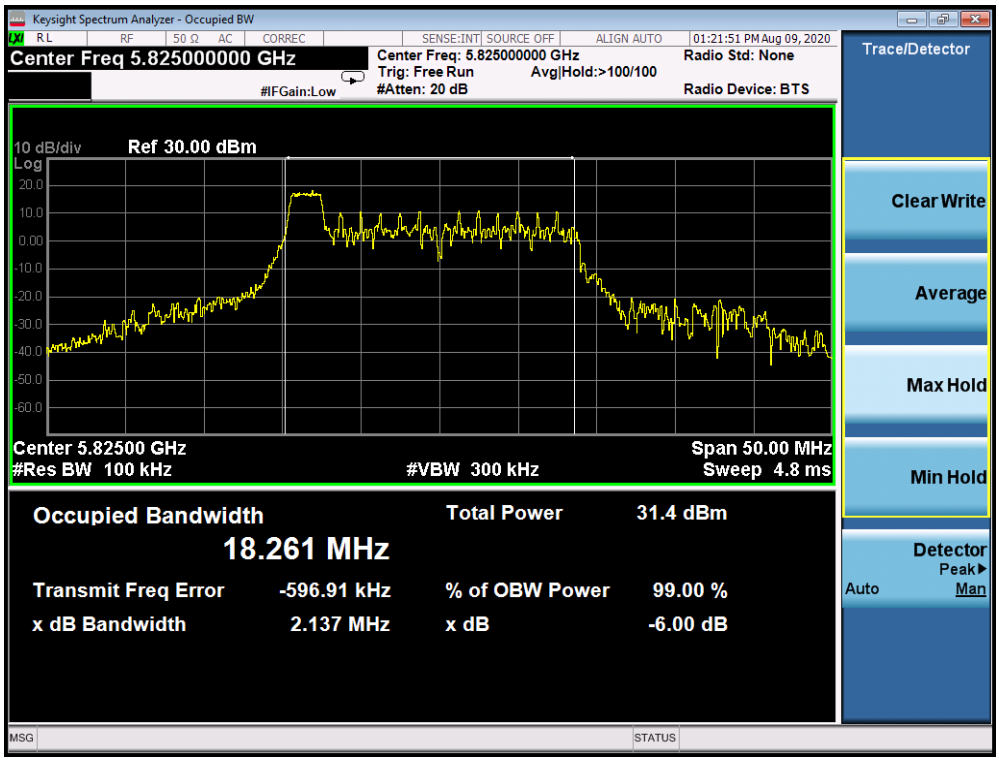

**Plot 7-244. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 157)**



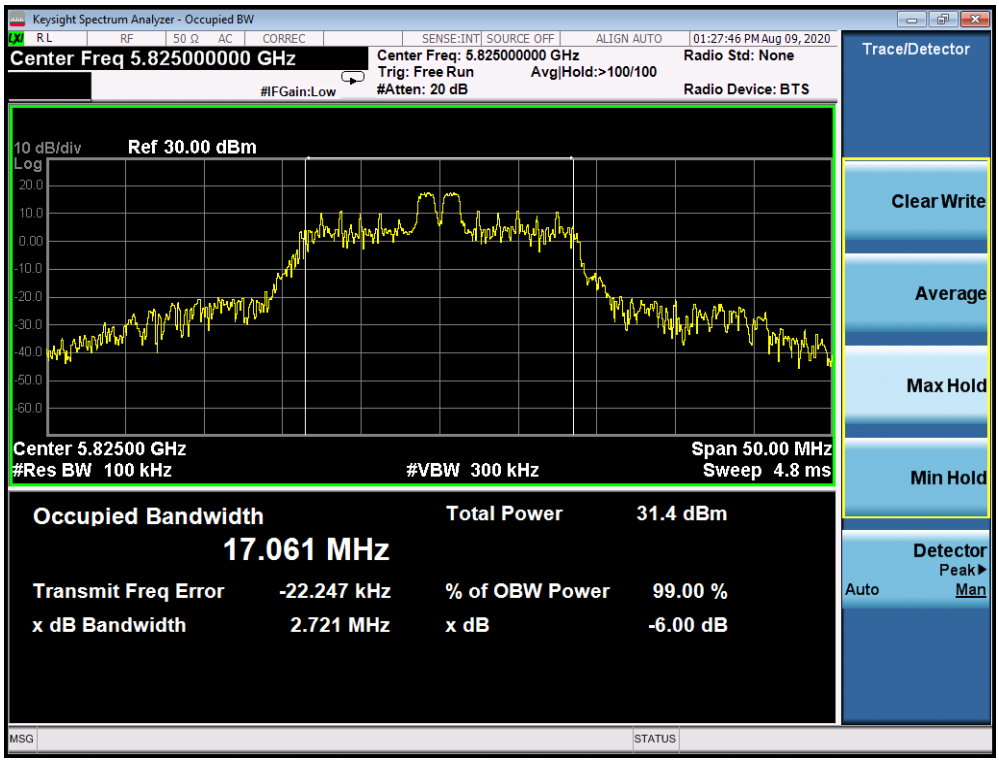

**Plot 7-245. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 157)**



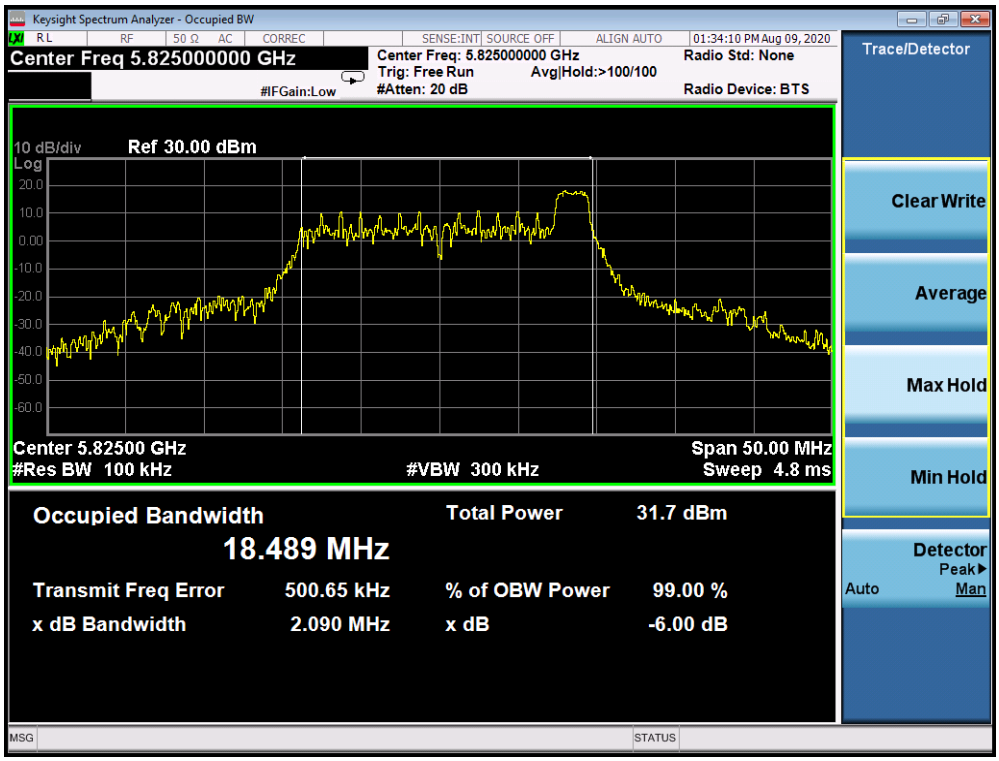

**Plot 7-246. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 8– RU26 (UNII Band 3) – Ch. 157)**



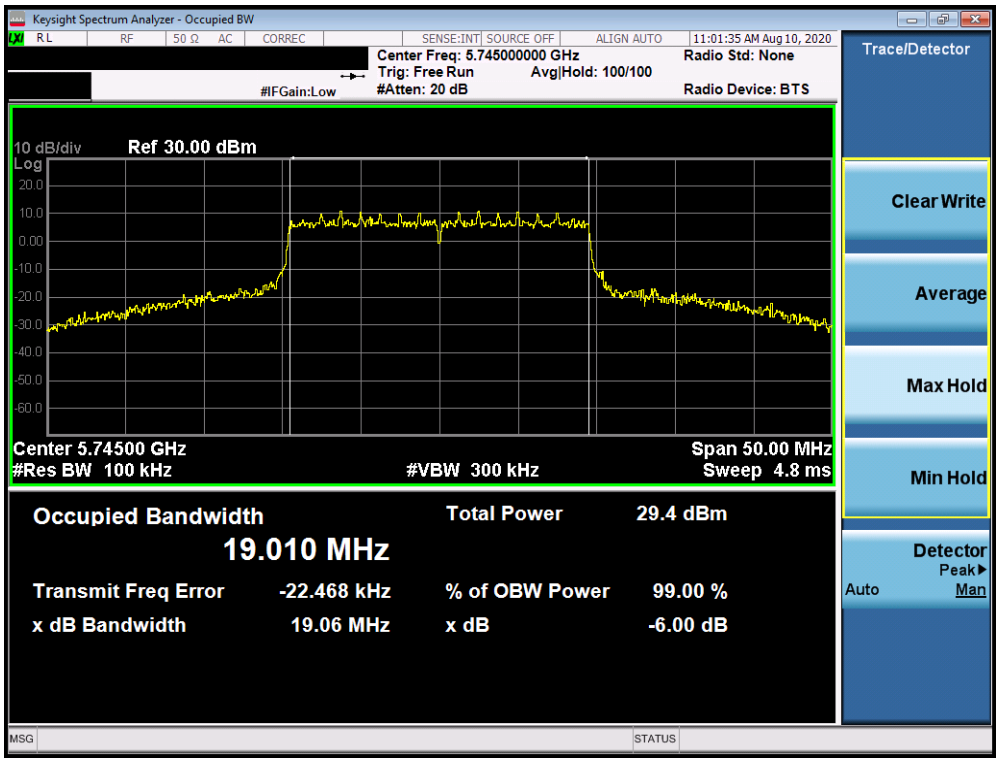

**Plot 7-247. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 165)**



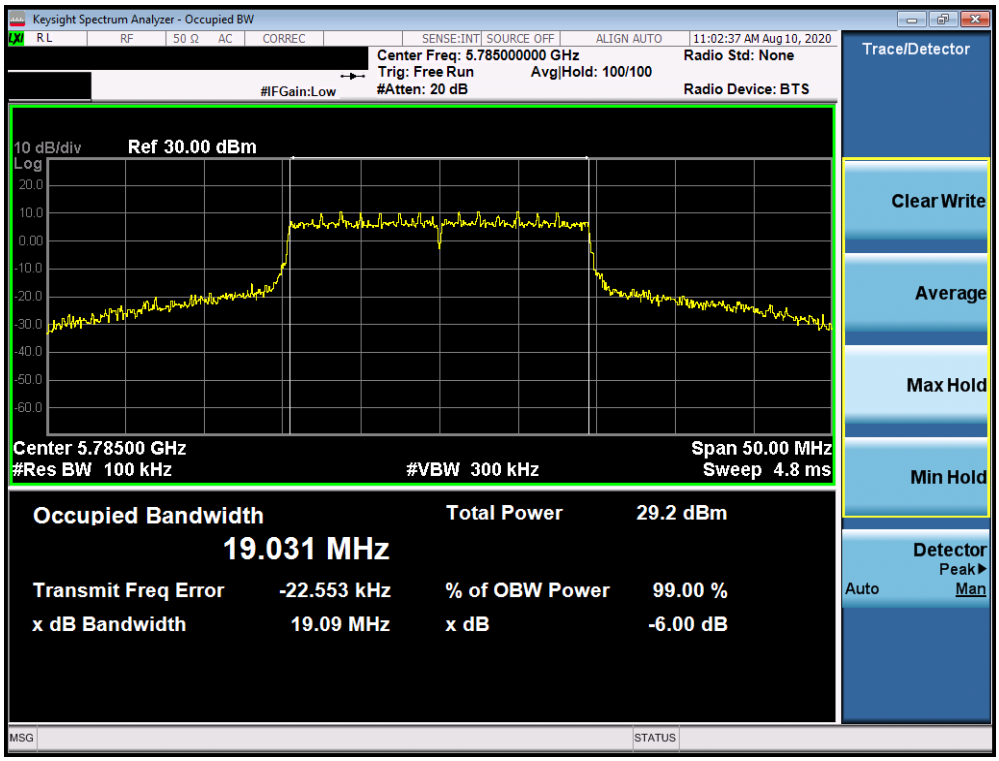

**Plot 7-248. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 165)**



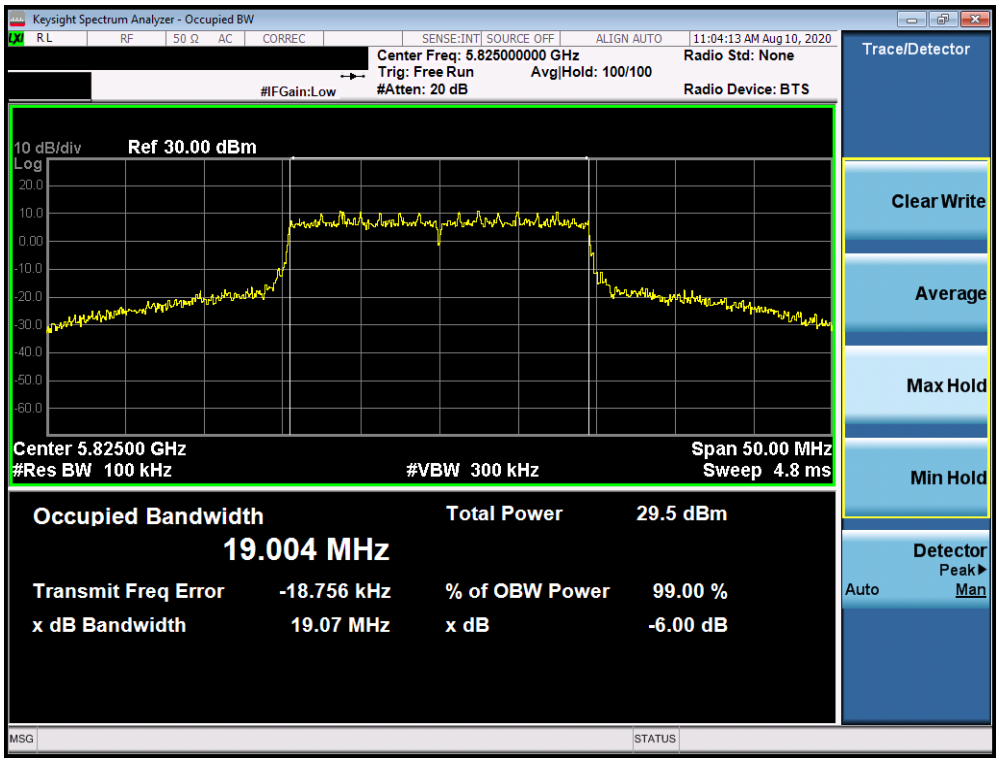

**Plot 7-249. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 165)**




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



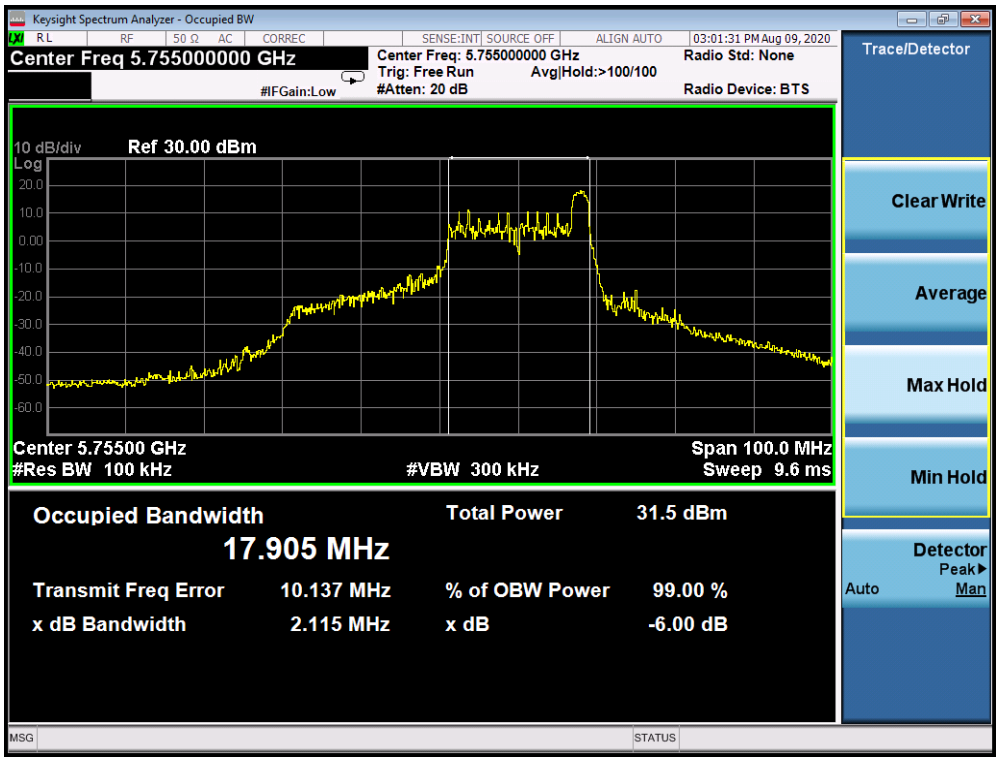

**Plot 7-251. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 157)**




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

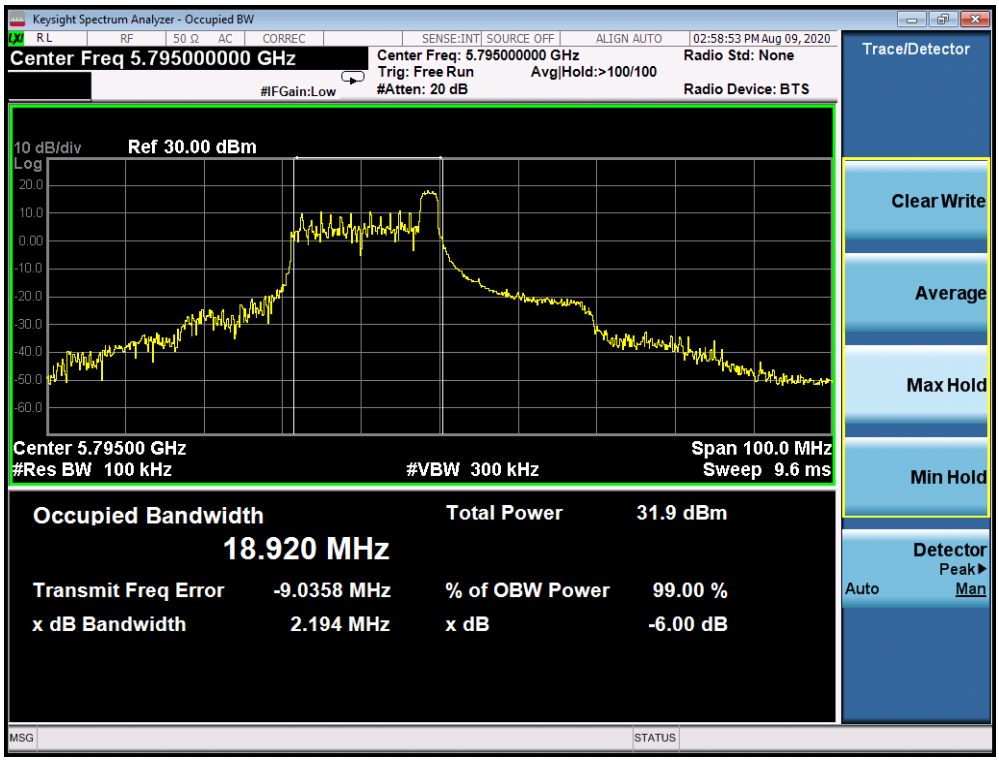

**Plot 7-253. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 151)**


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

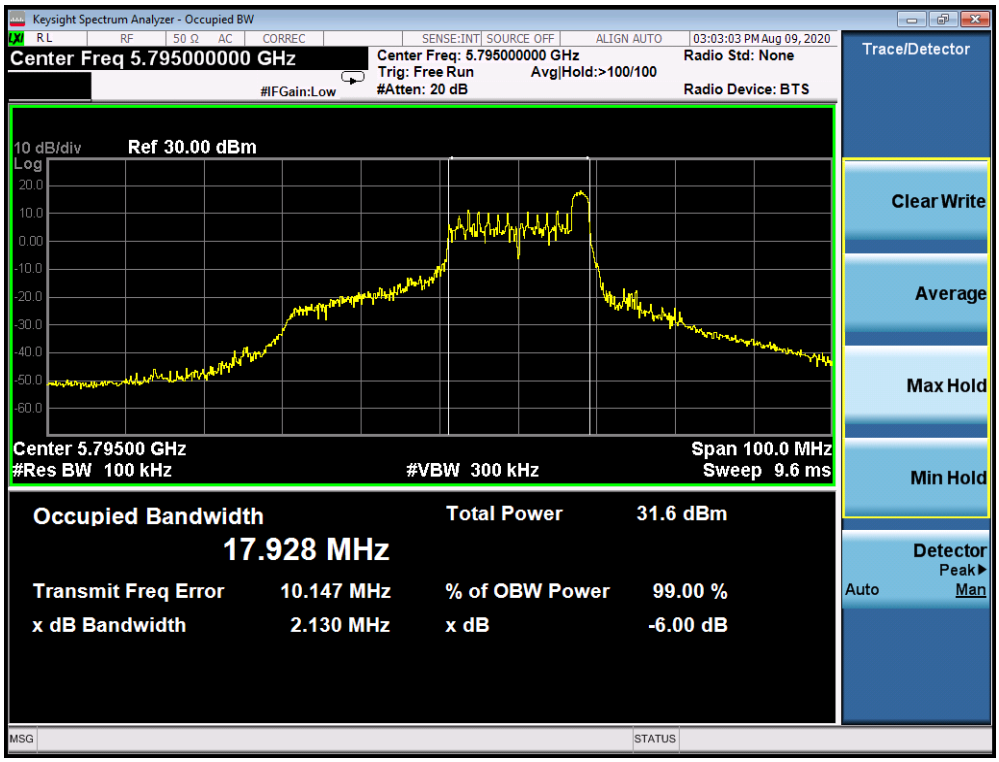



**Plot 7-255. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 151)**

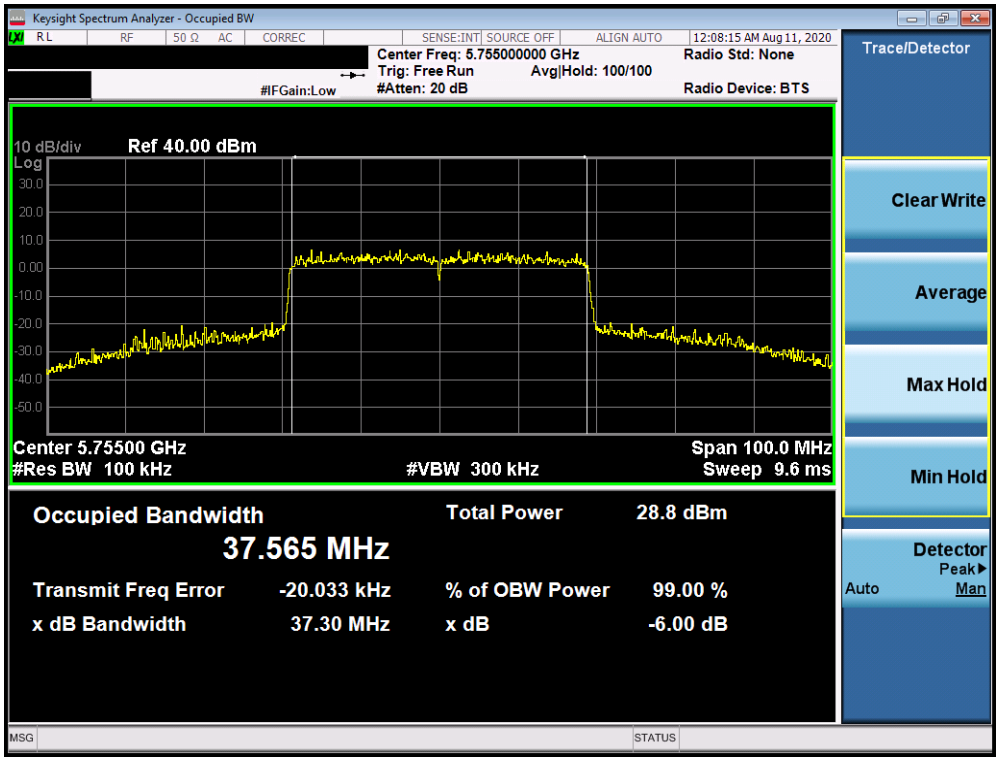

**Plot 7-256. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 159)**



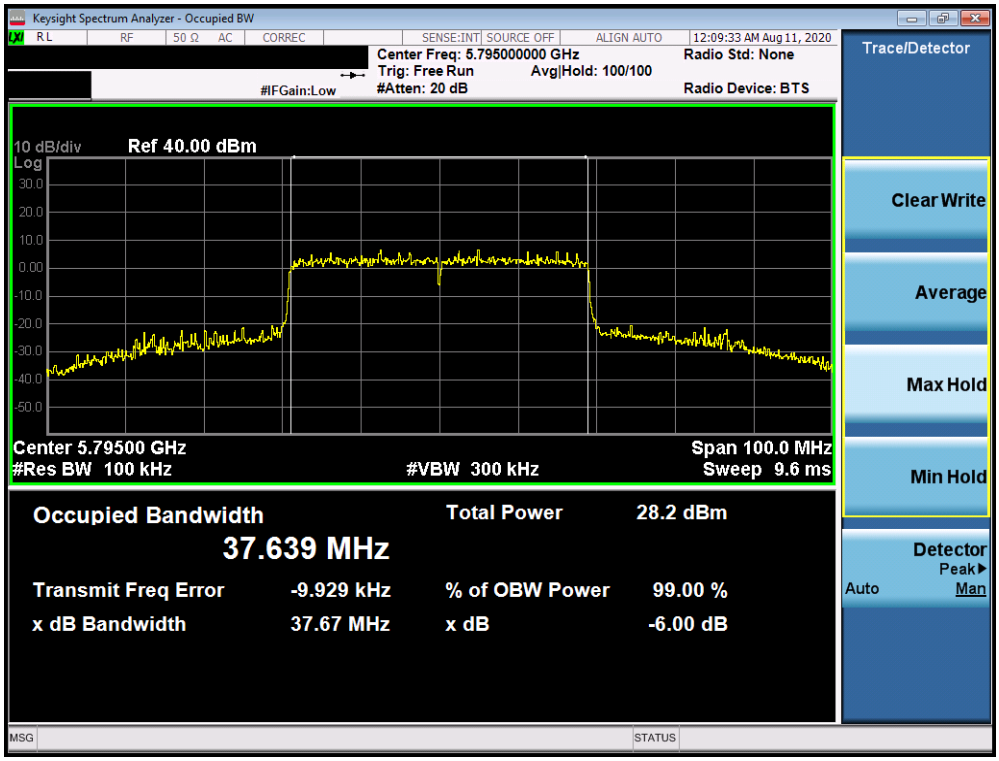

**Plot 7-257. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 159)**



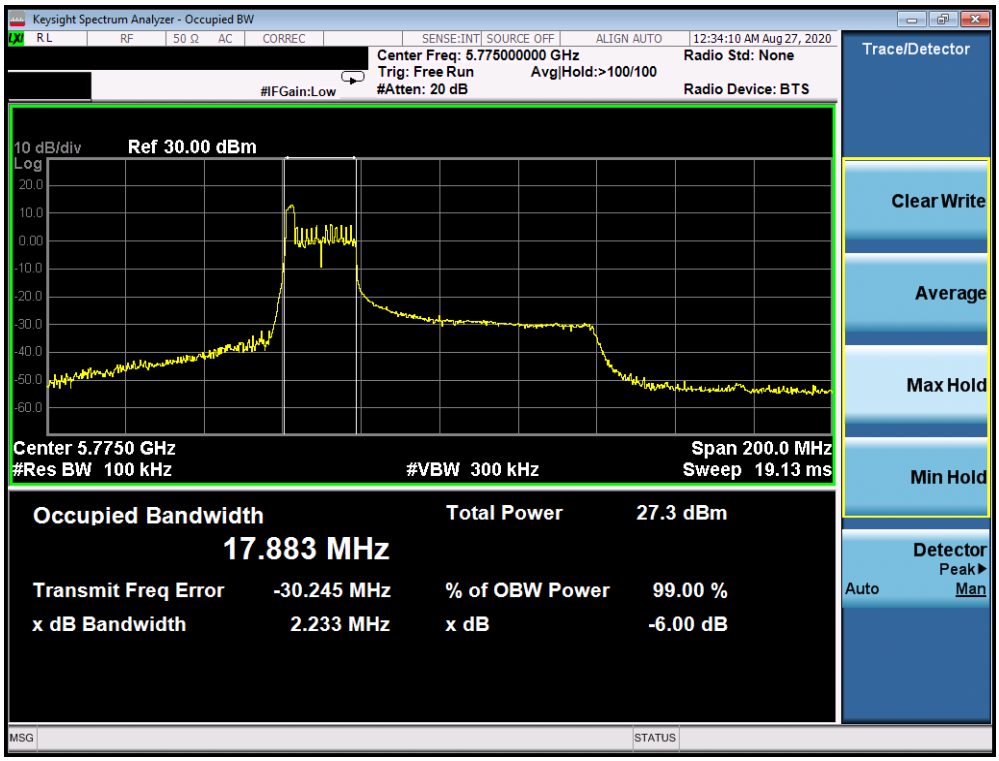

**Plot 7-258. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 159)**



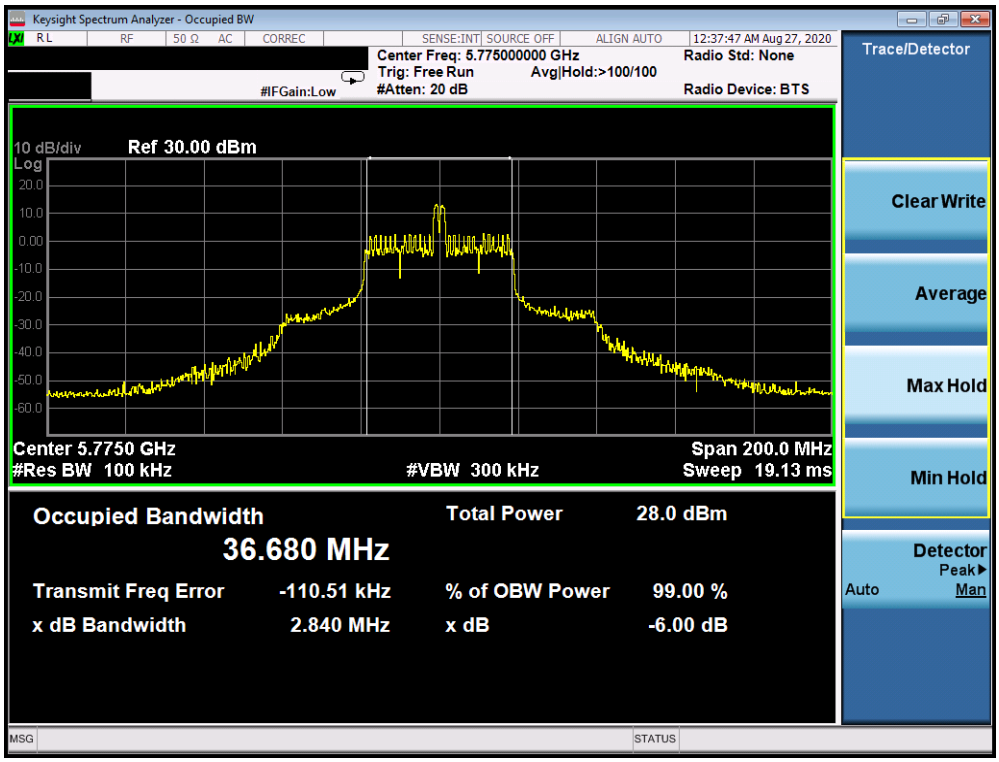

**Plot 7-259. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 151)**



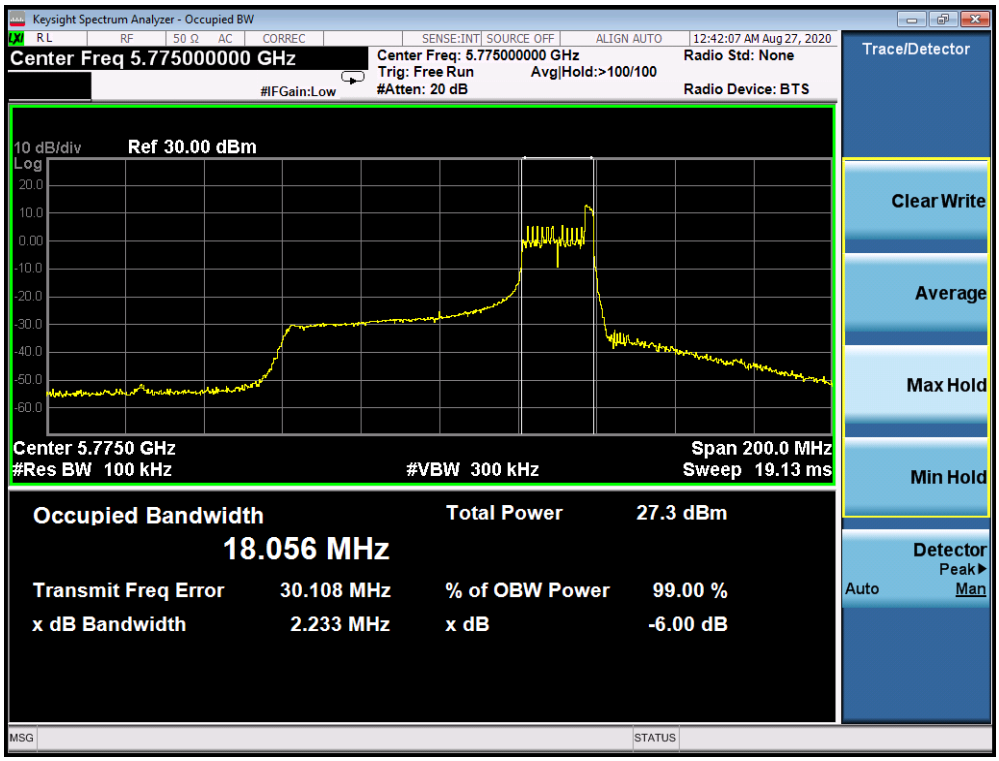

**Plot 7-260. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 159)**



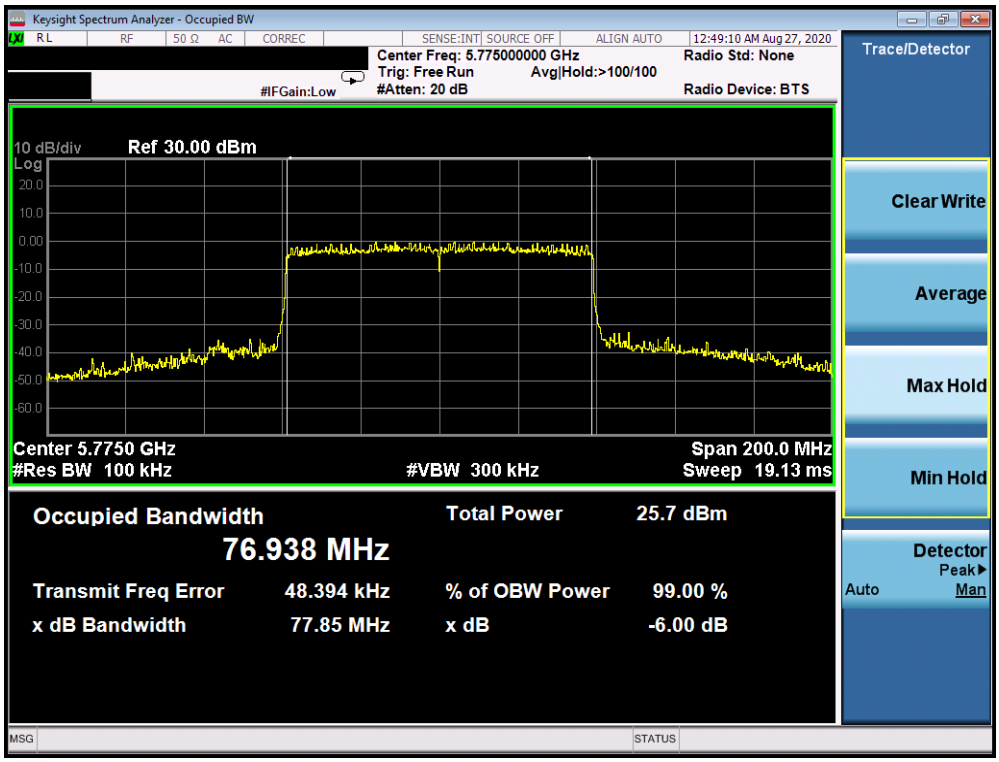

**Plot 7-261. 6dB Bandwidth Plot Antenna 2b (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 155)**




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




**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)**

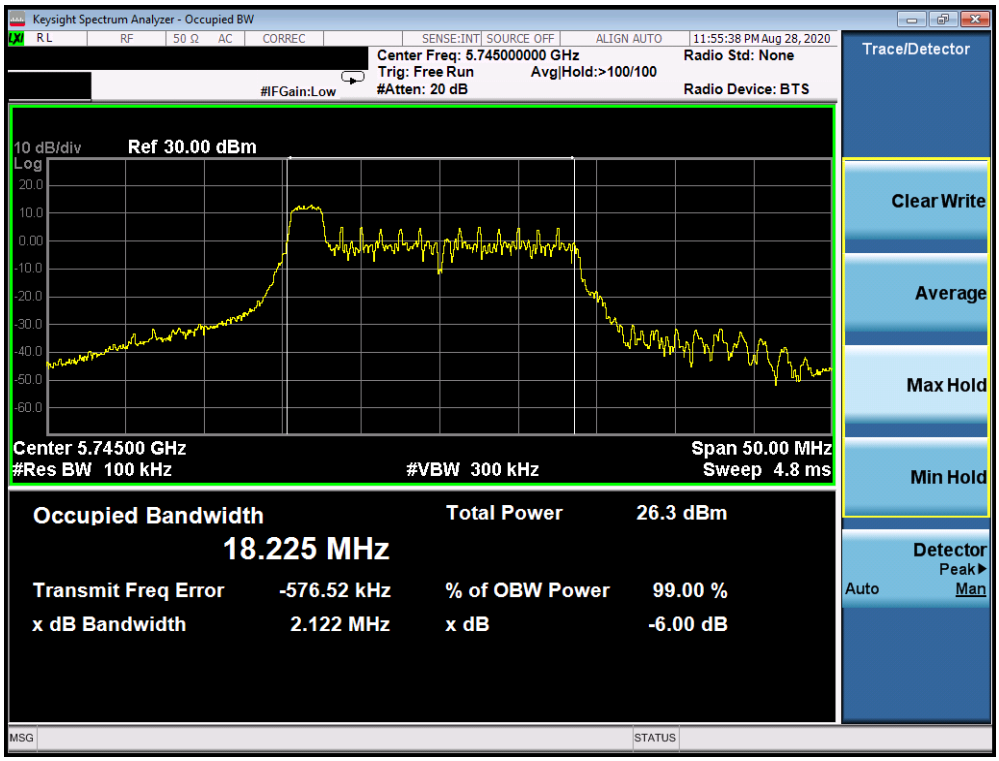
## Antenna 2a 6dB Bandwidth Measurements

| | 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 |

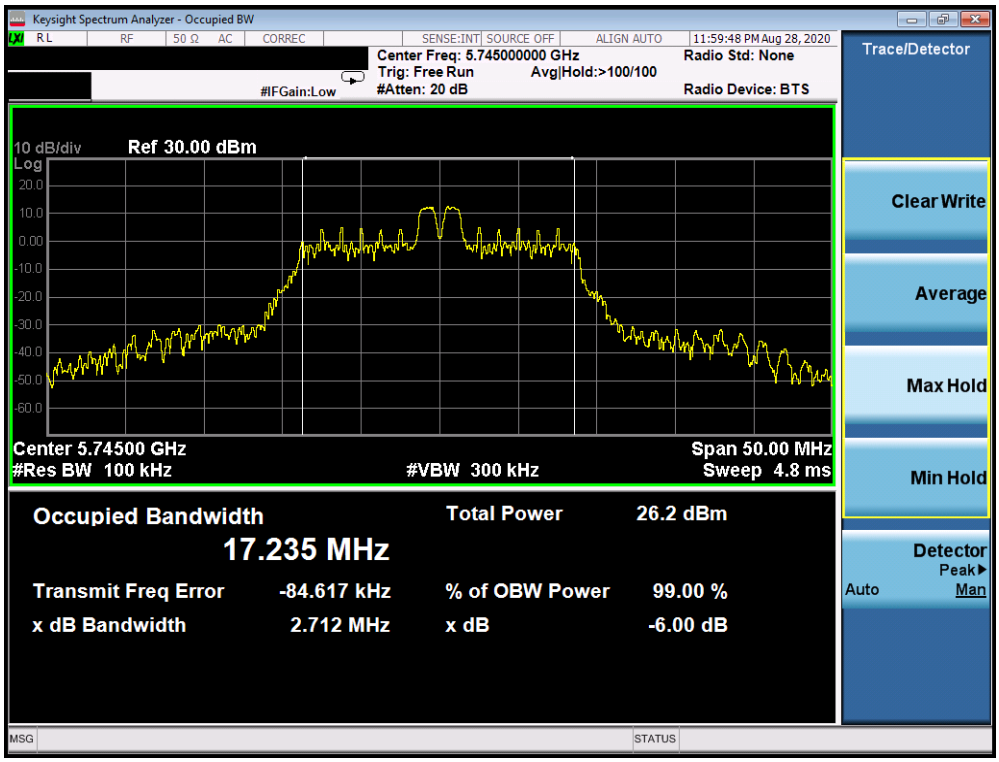
**Table 7-10. Conducted Bandwidth Measurements Antenna 2a (RU26)**

| | 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 |

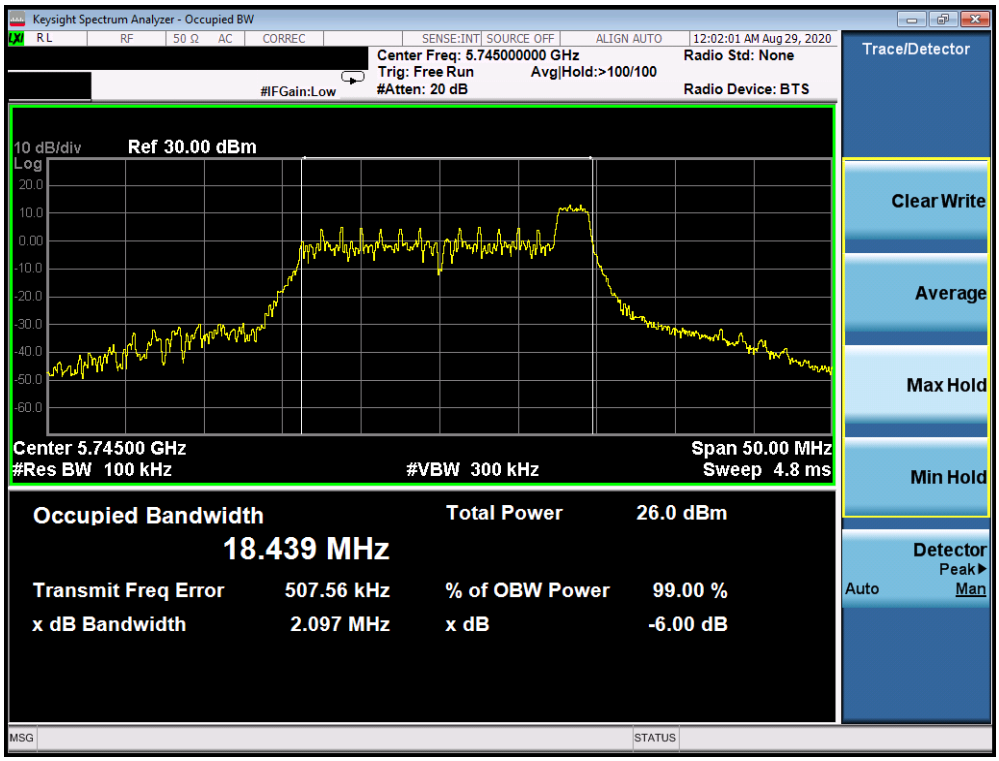
**Table 7-11. Conducted Bandwidth Measurements Antenna 2a (Fully-loaded RU)**



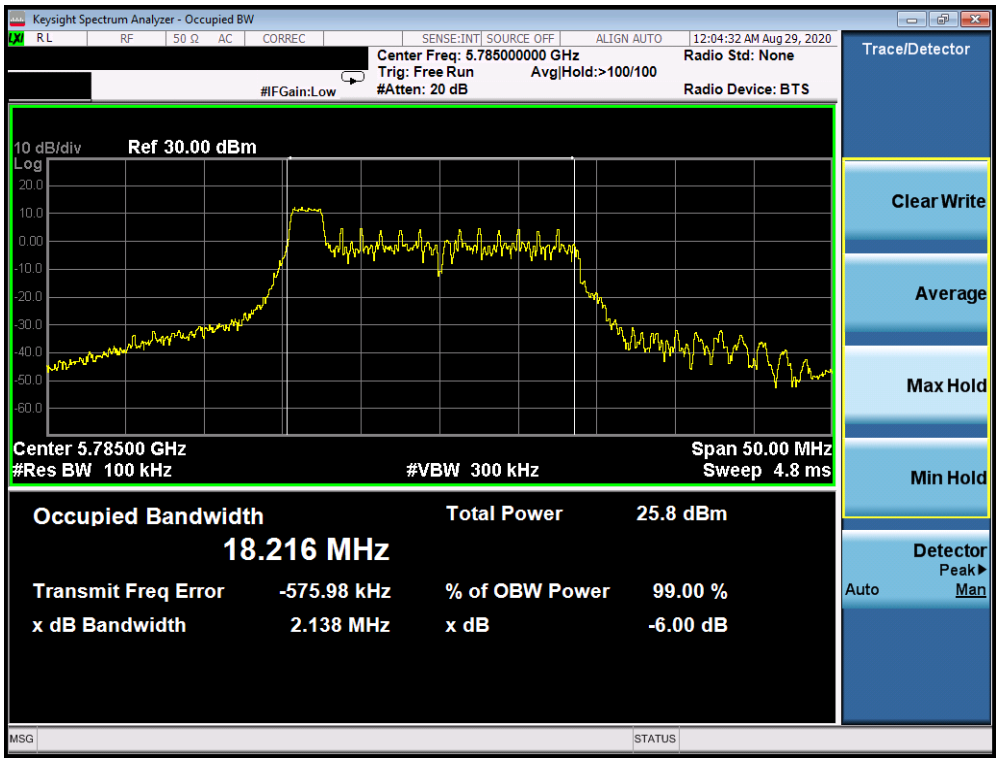

**Plot 7-265. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 149)**



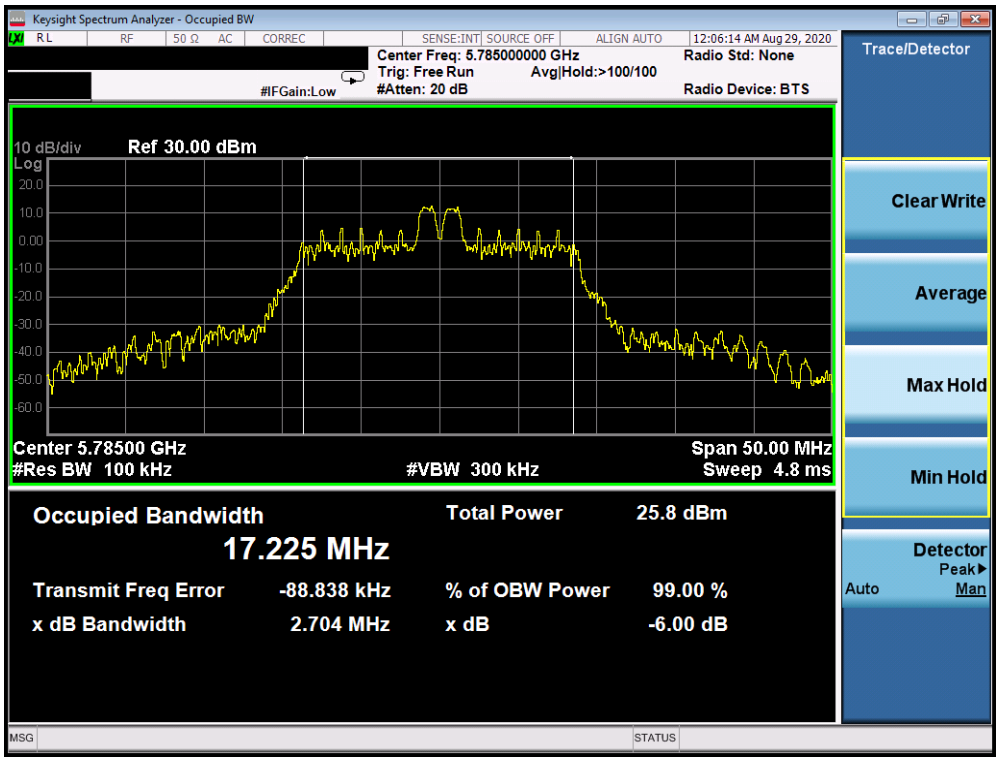

**Plot 7-266. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 149)**



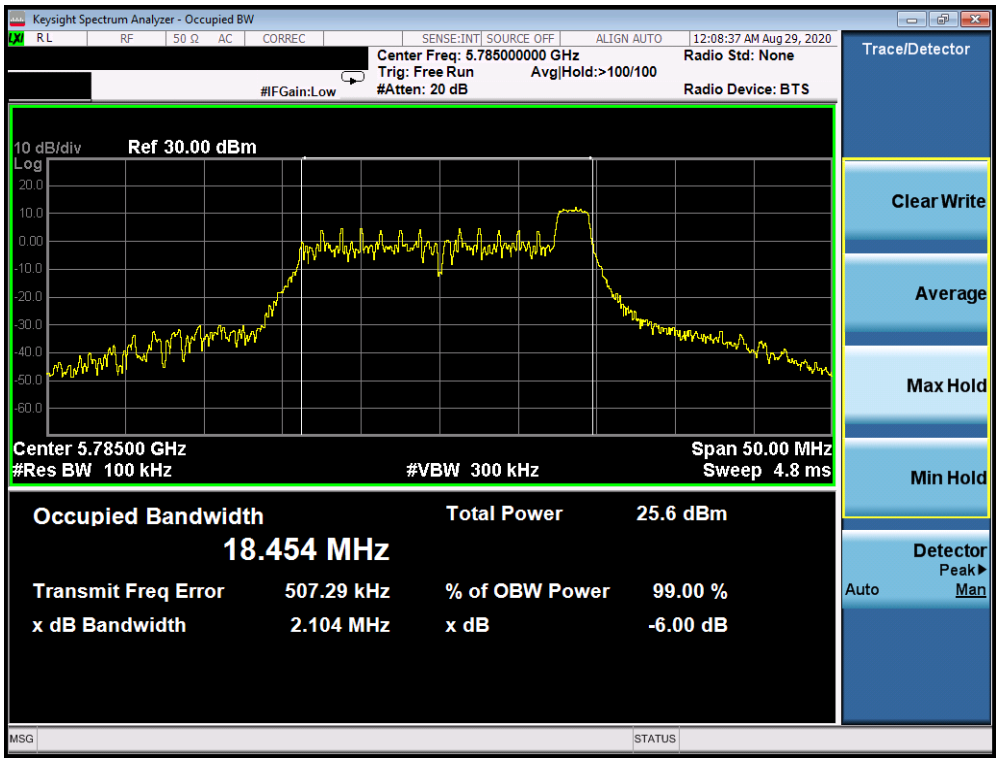

**Plot 7-267. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 149)**



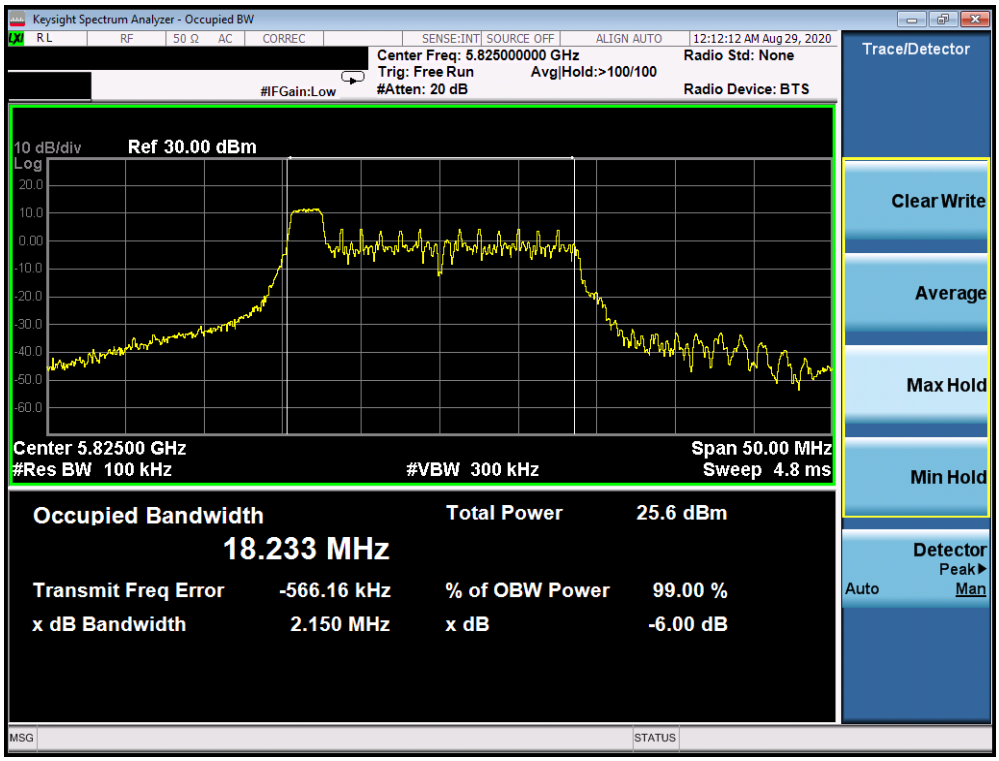

**Plot 7-268. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 157)**



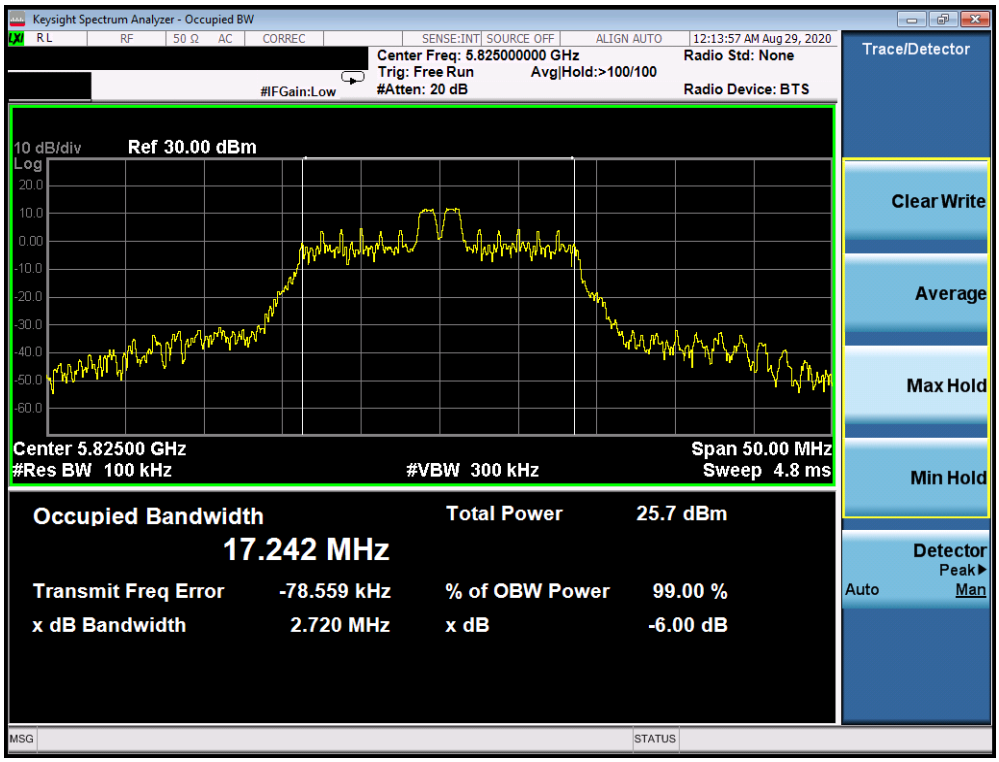

**Plot 7-269. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 157)**



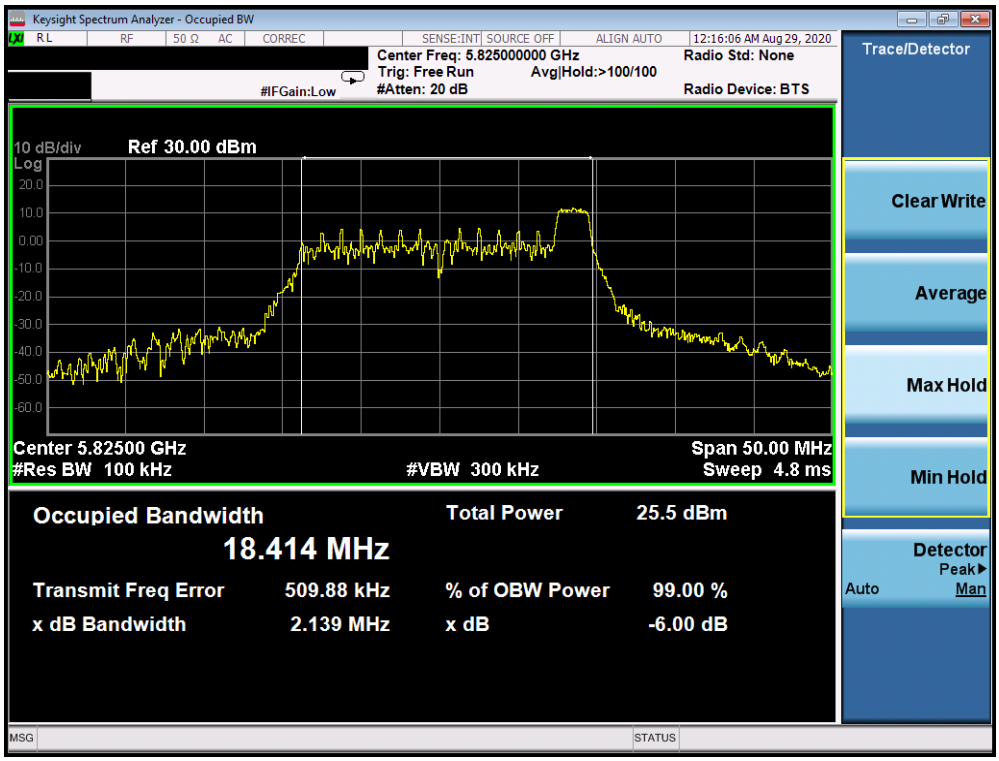

**Plot 7-270. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 8– RU26 (UNII Band 3) – Ch. 157)**



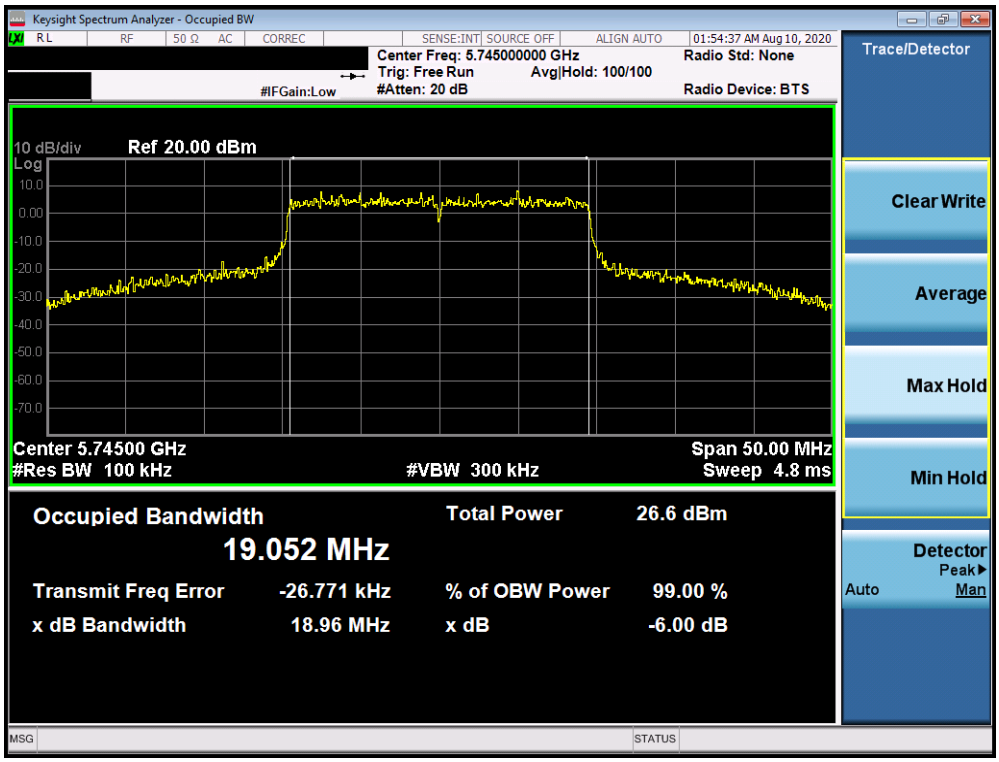

**Plot 7-271. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 165)**



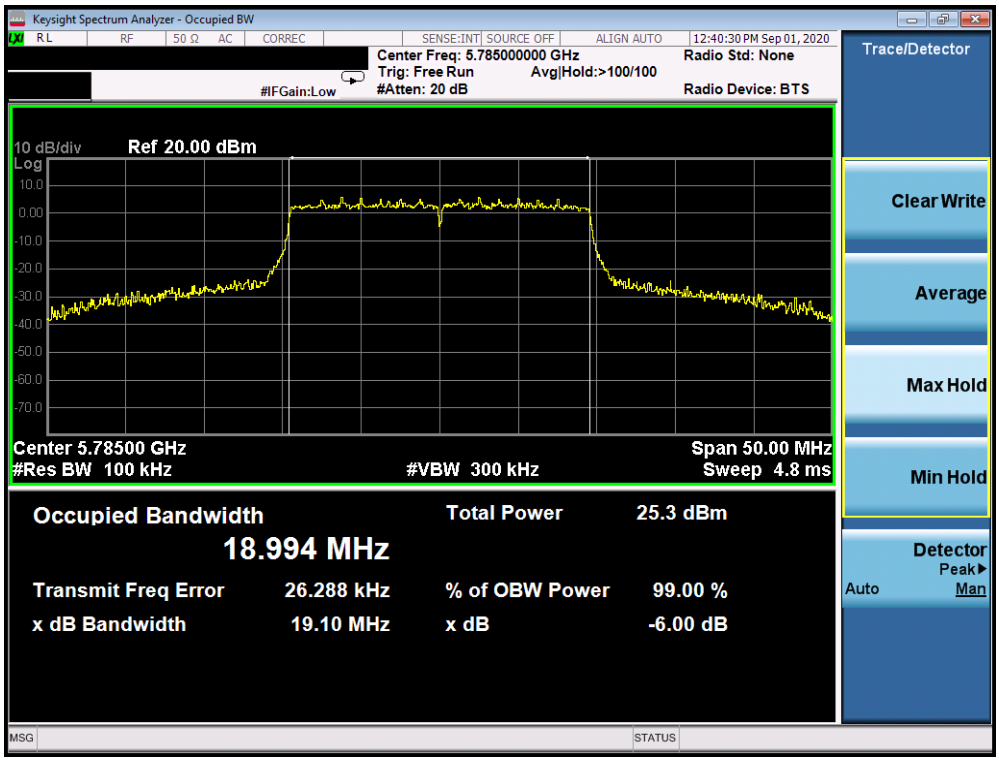

**Plot 7-272. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 165)**



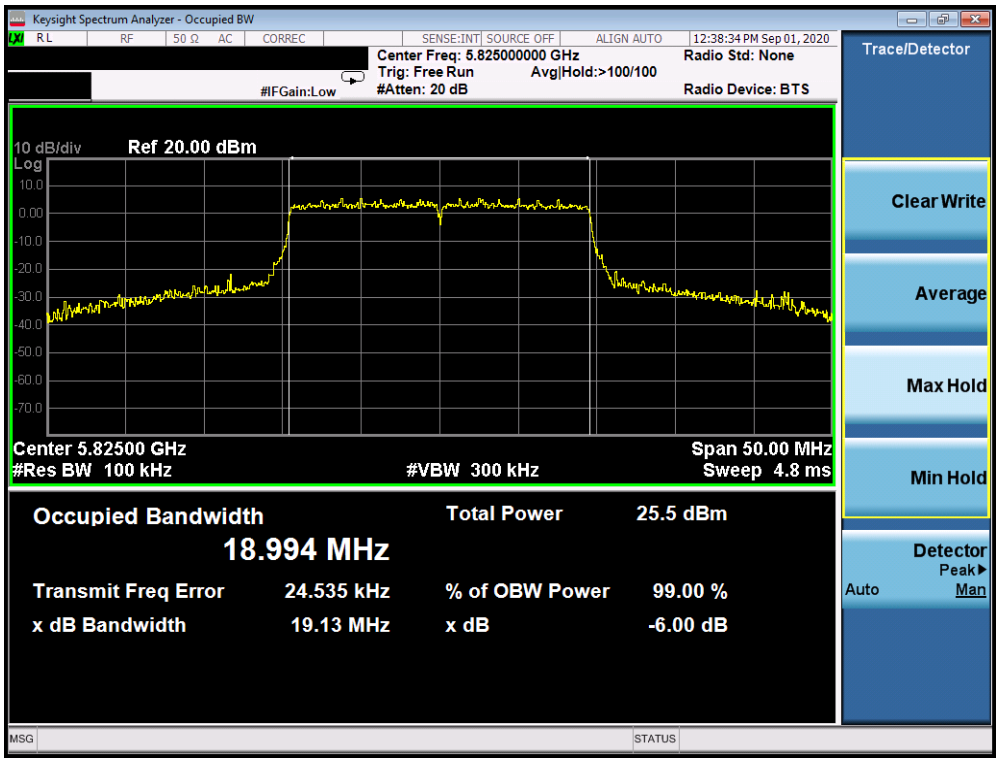

**Plot 7-273. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 165)**



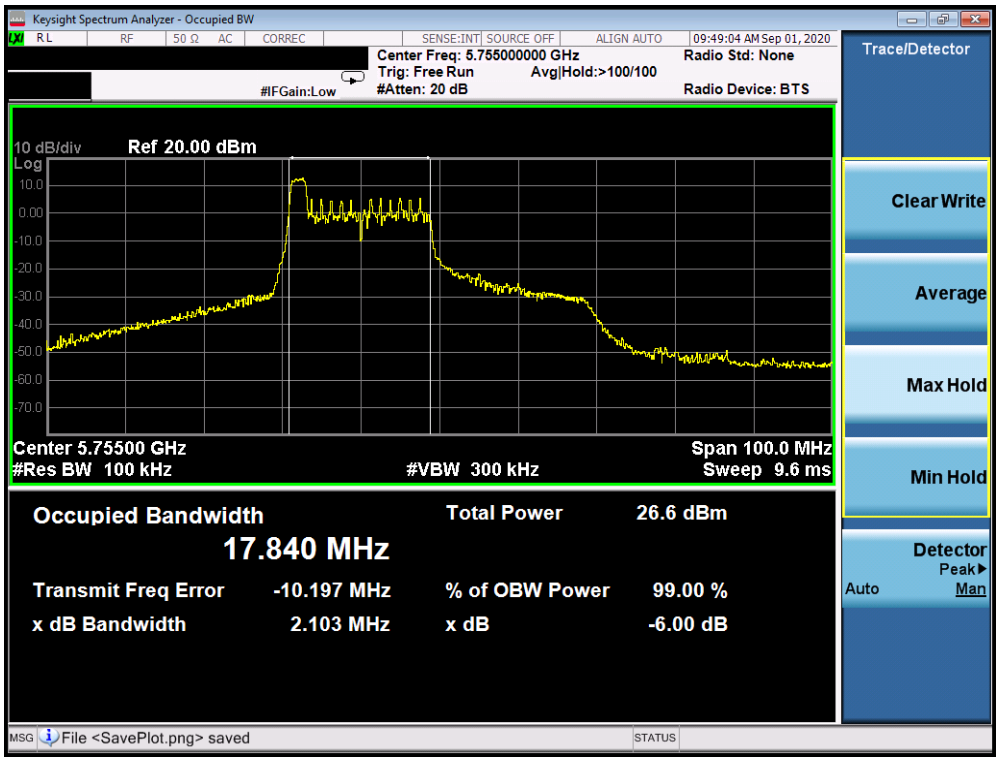

**Plot 7-274. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 149)**




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

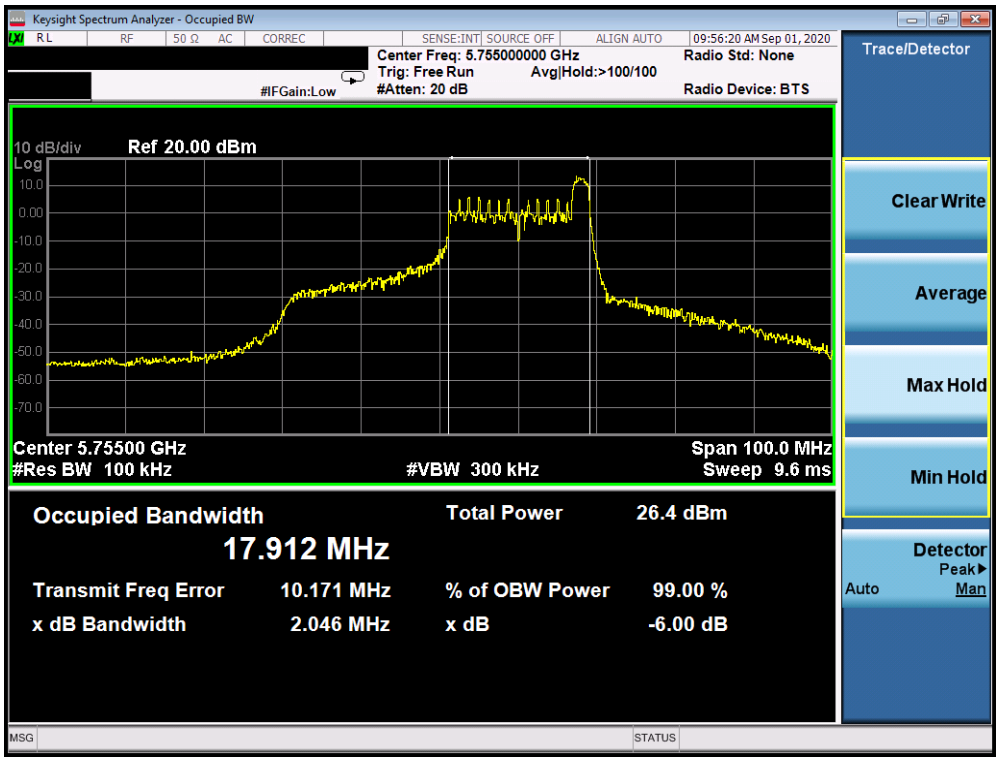



**Plot 7-276. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 165)**

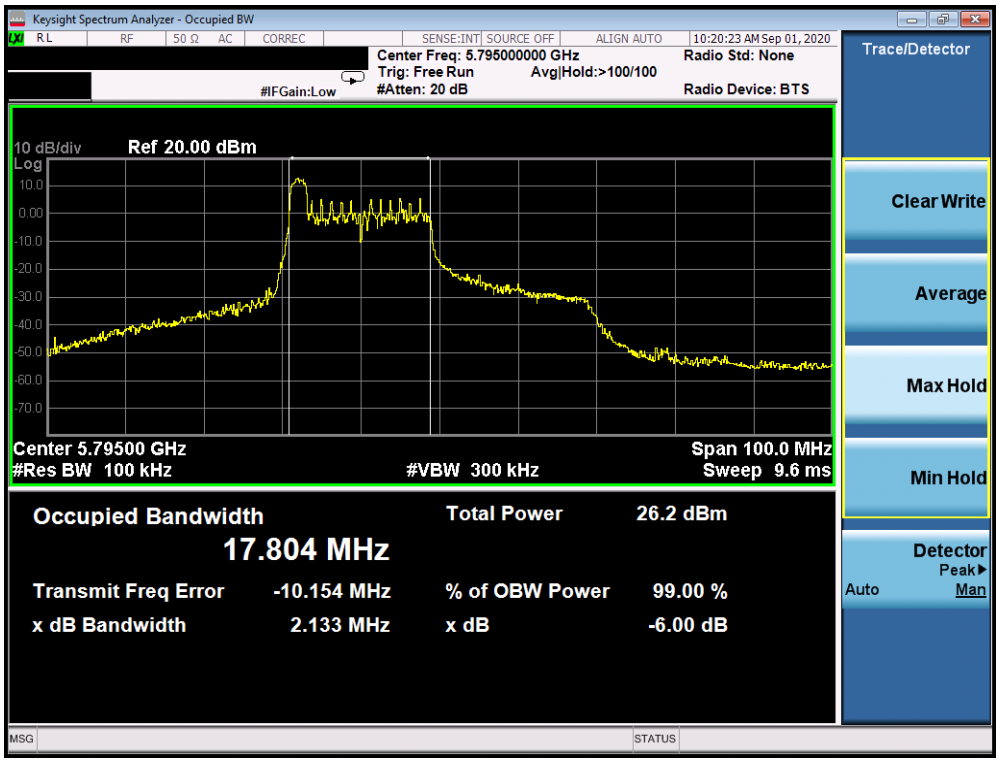



**Plot 7-277. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 151)**

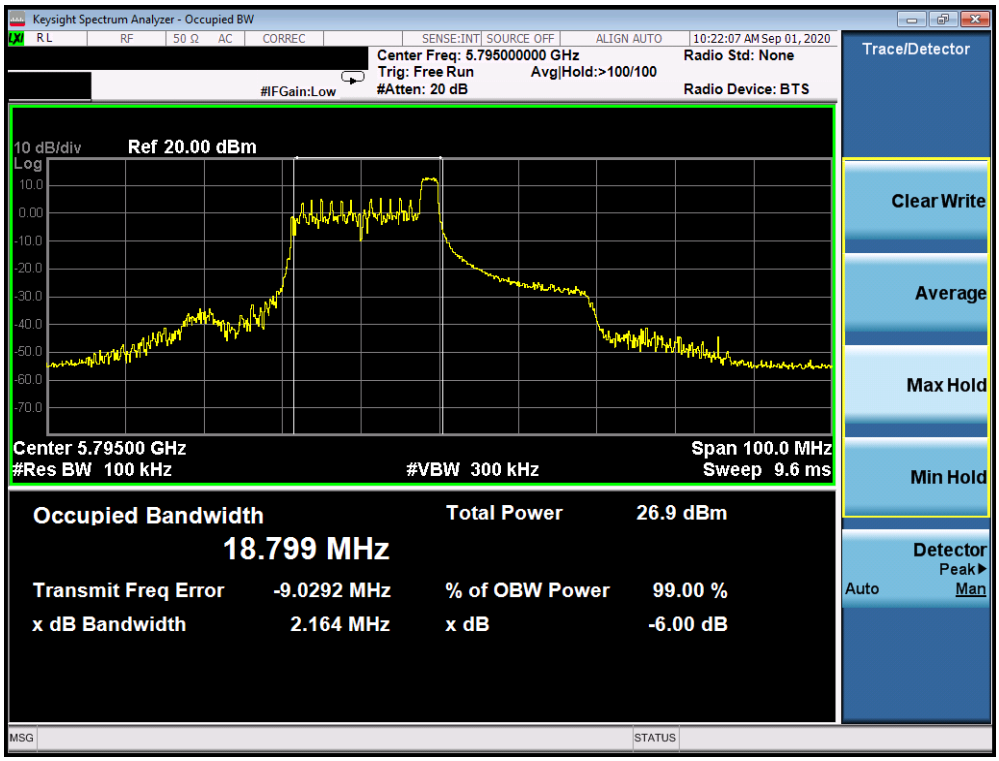

**Plot 7-278. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 151)**



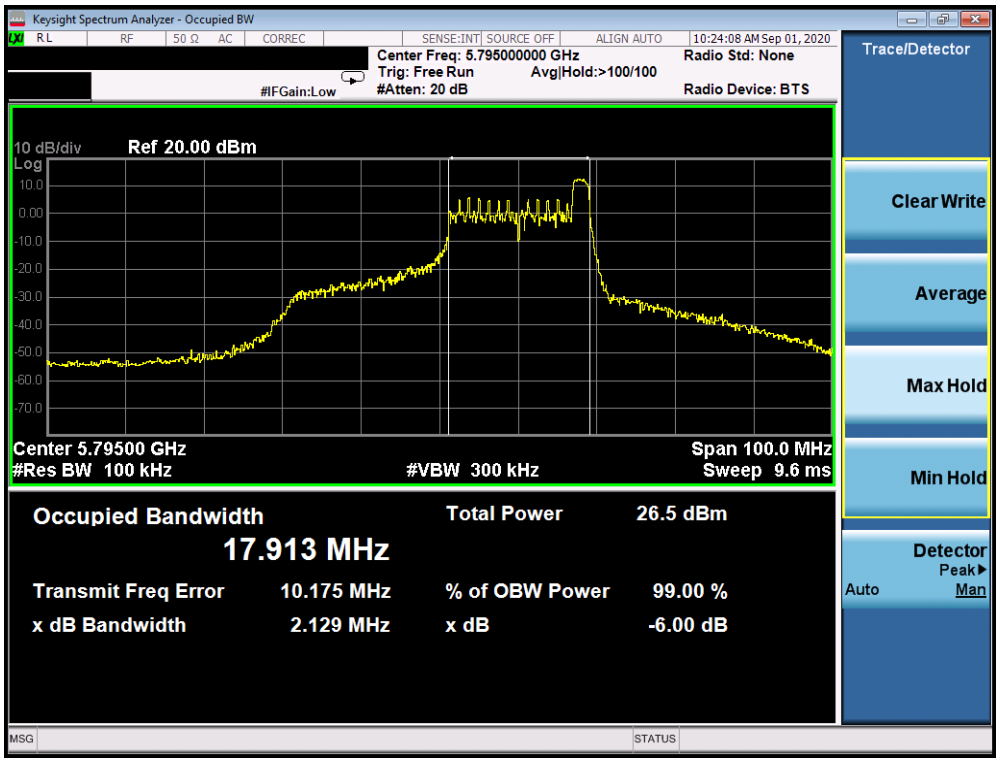

**Plot 7-279. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 151)**



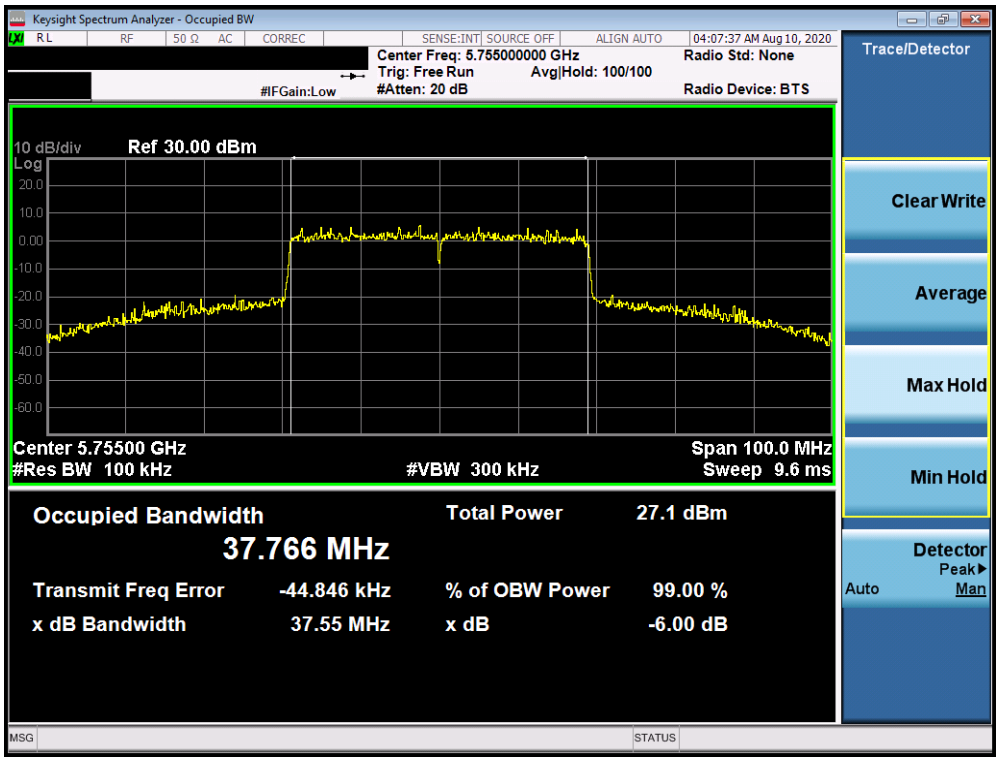

**Plot 7-280. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 159)**



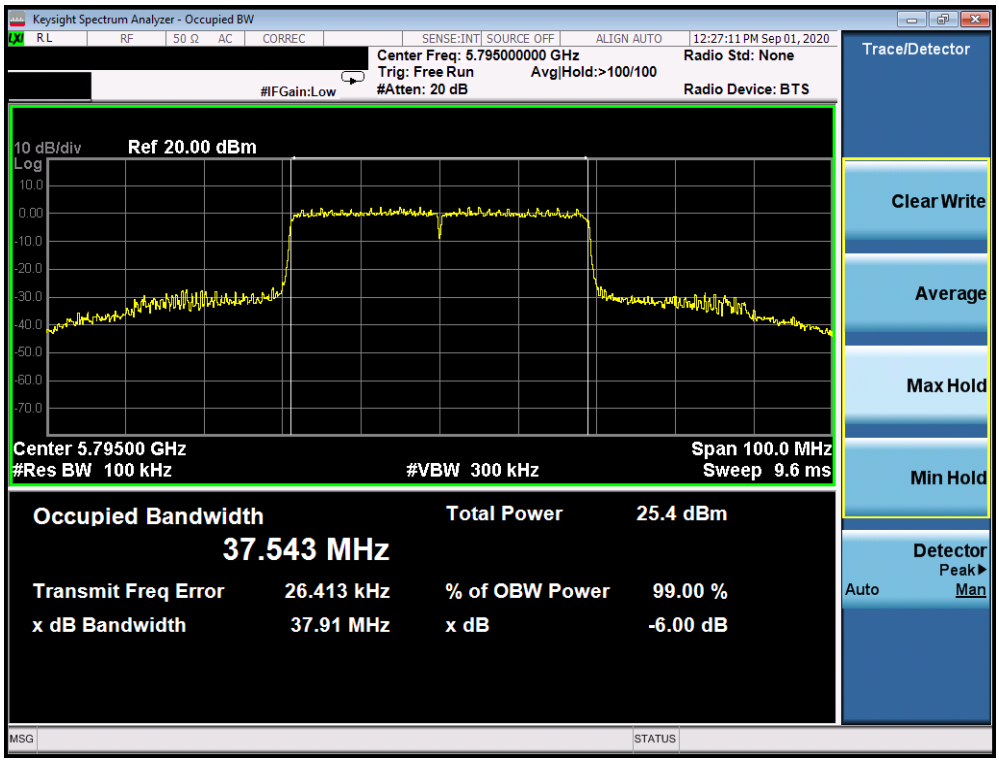

**Plot 7-281. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 159)**



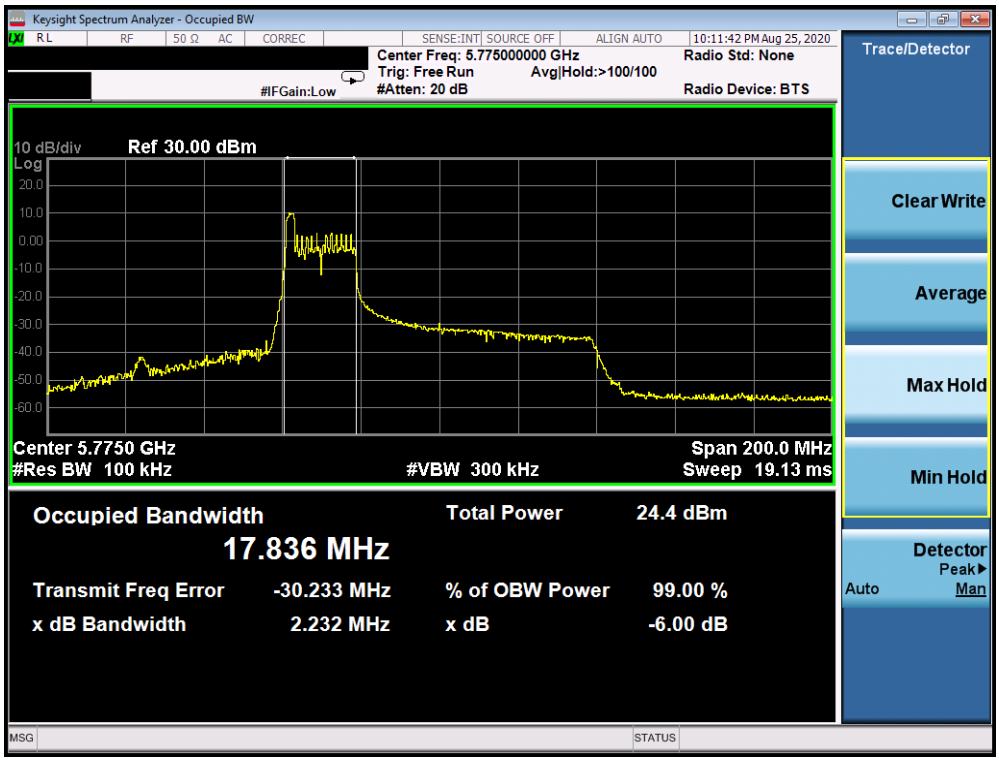

**Plot 7-282. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 159)**



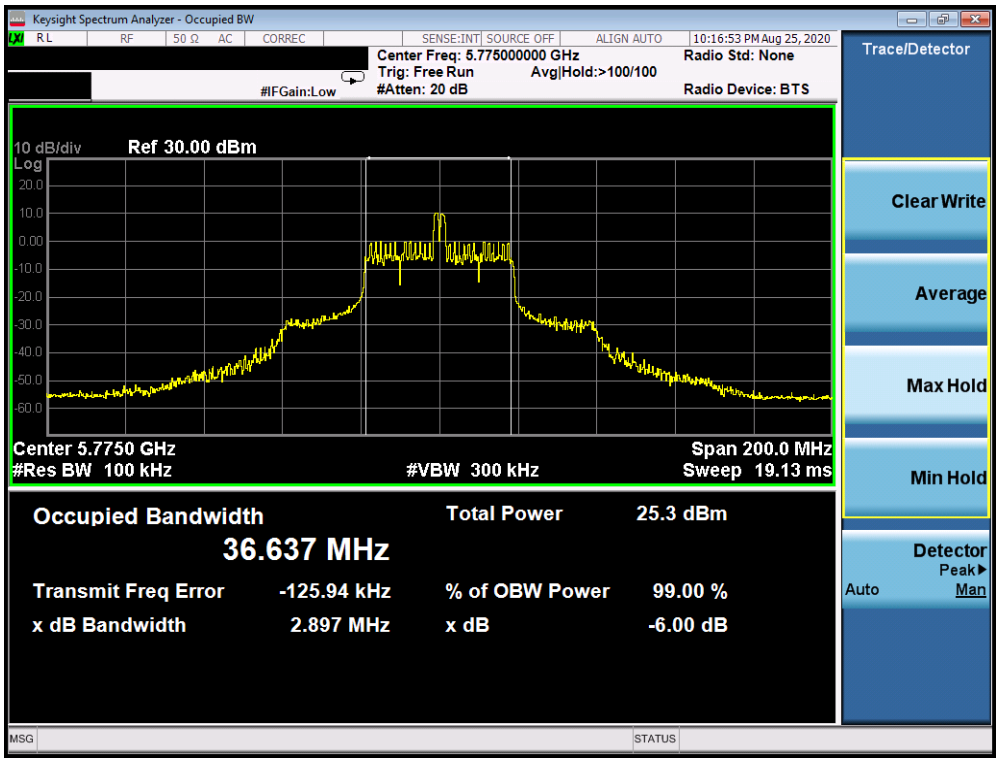

**Plot 7-283. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 151)**



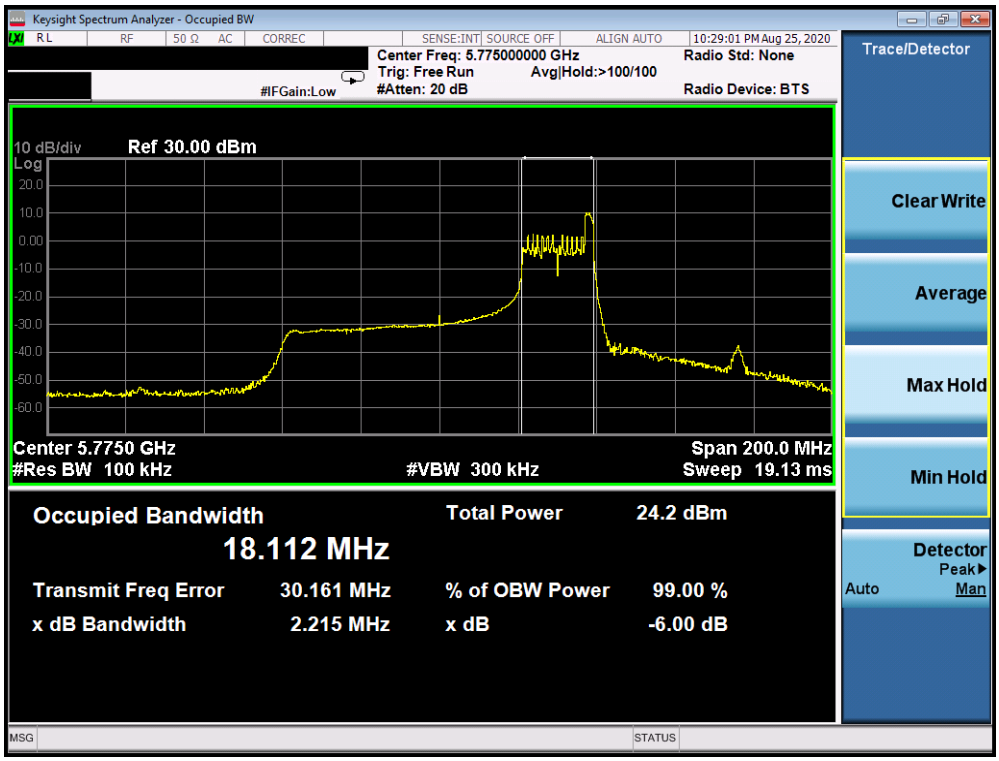

**Plot 7-284. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 159)**



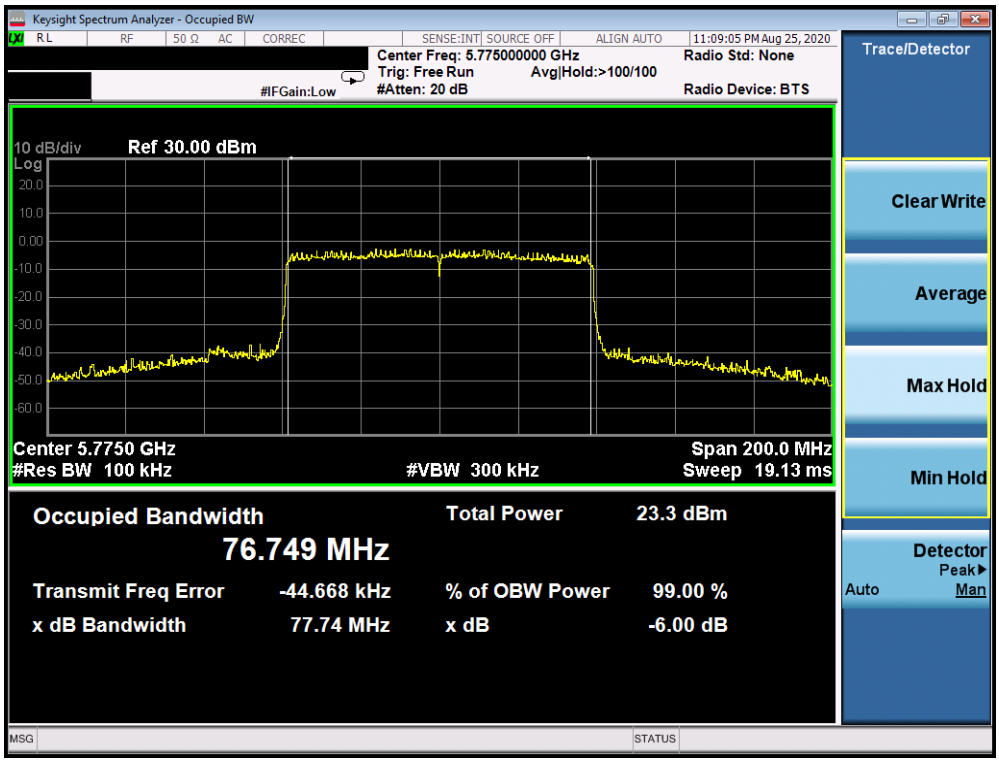

**Plot 7-285. 6dB Bandwidth Plot Antenna 2a (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 155)**




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




**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)**

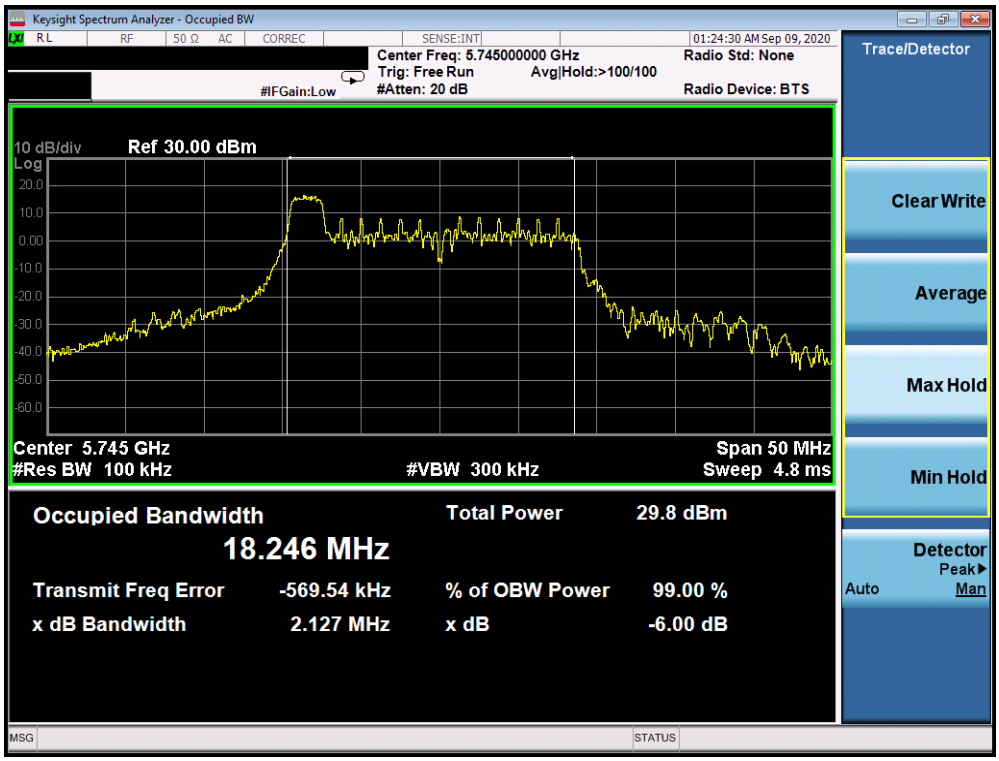
## Antenna 1b 6dB Bandwidth Measurements

| | 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 |

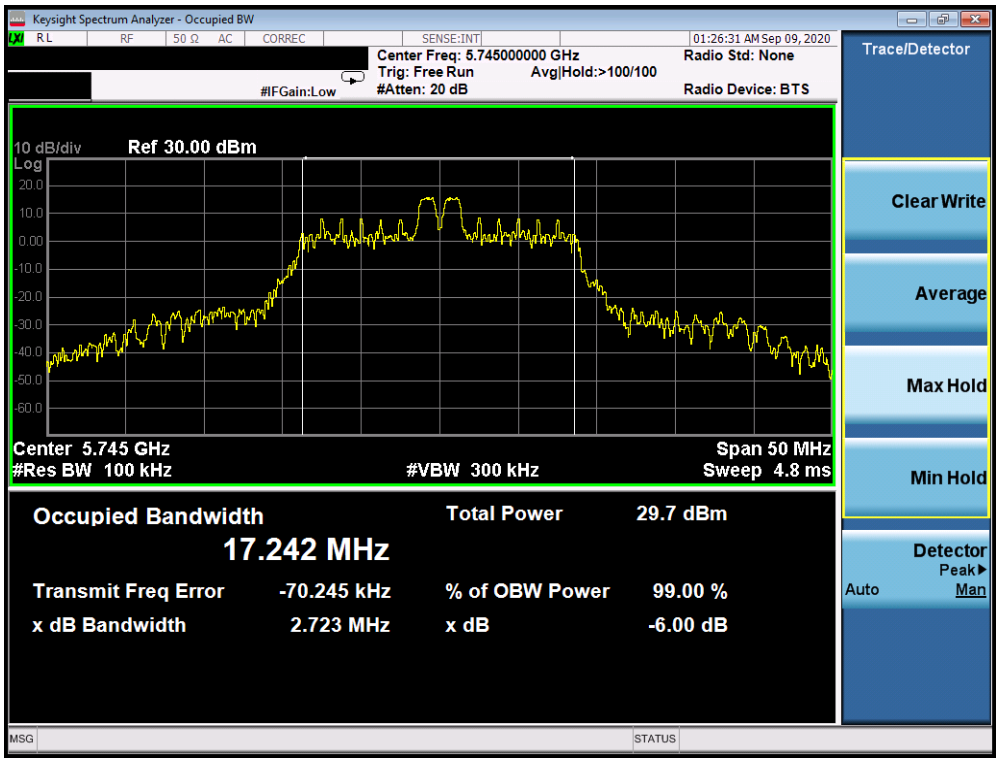
**Table 7-12. Conducted Bandwidth Measurements Antenna 1b (RU26)**

| | 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 |

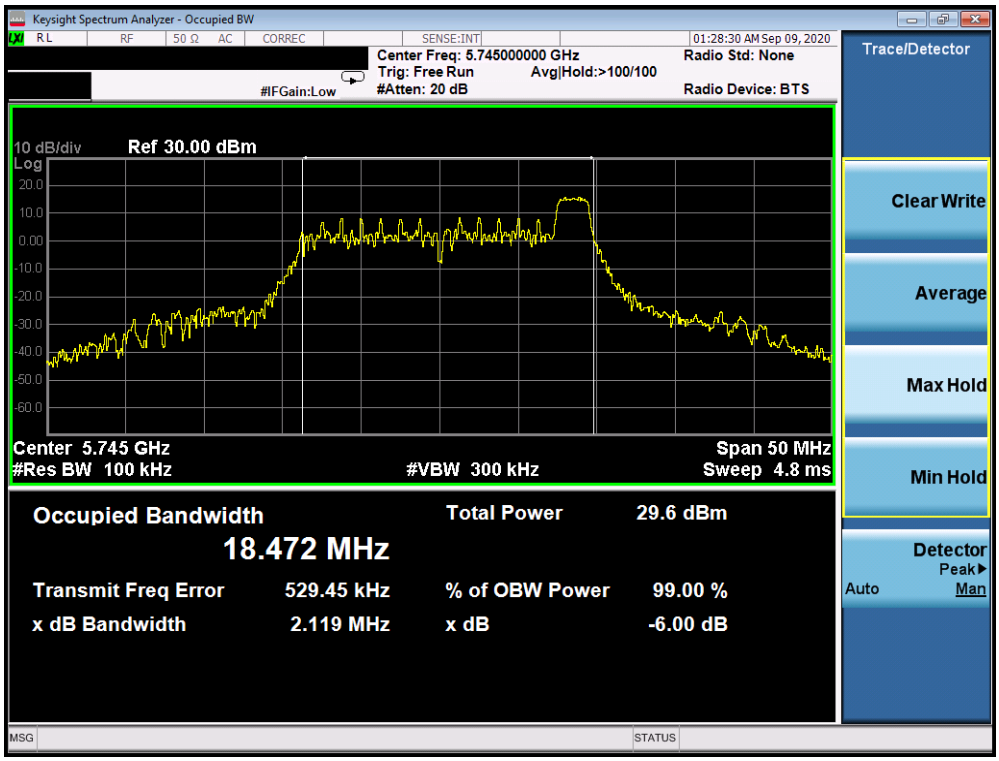
**Table 7-13. Conducted Bandwidth Measurements Antenna 1b (Fully-loaded RU)**



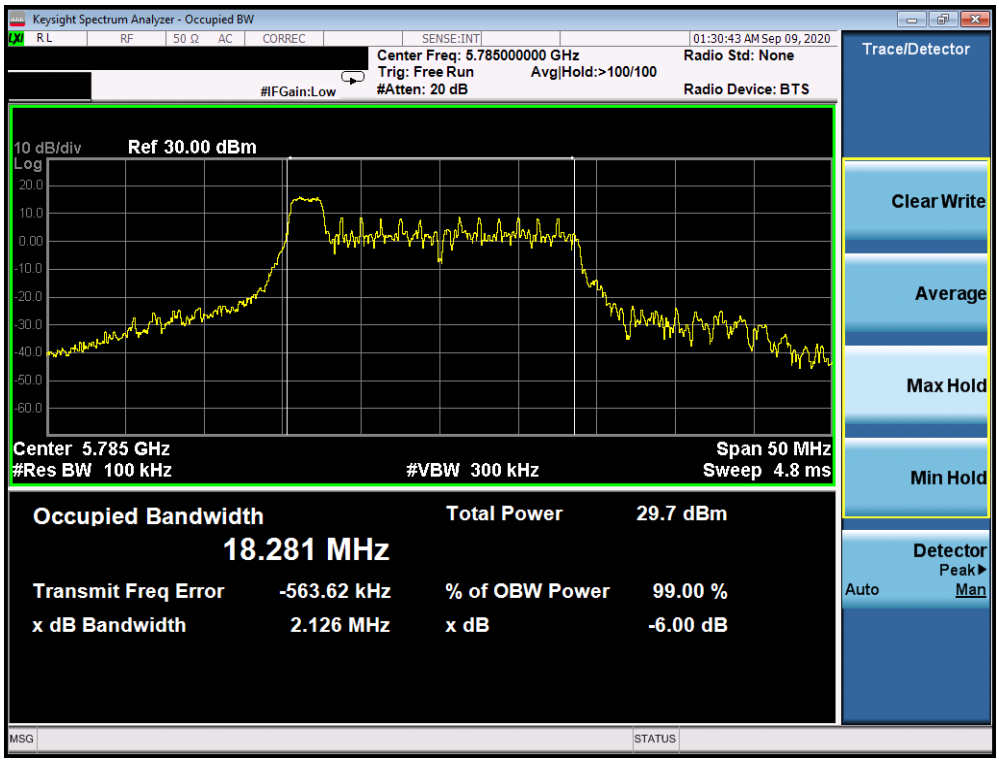

**Plot 7-289. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 149)**



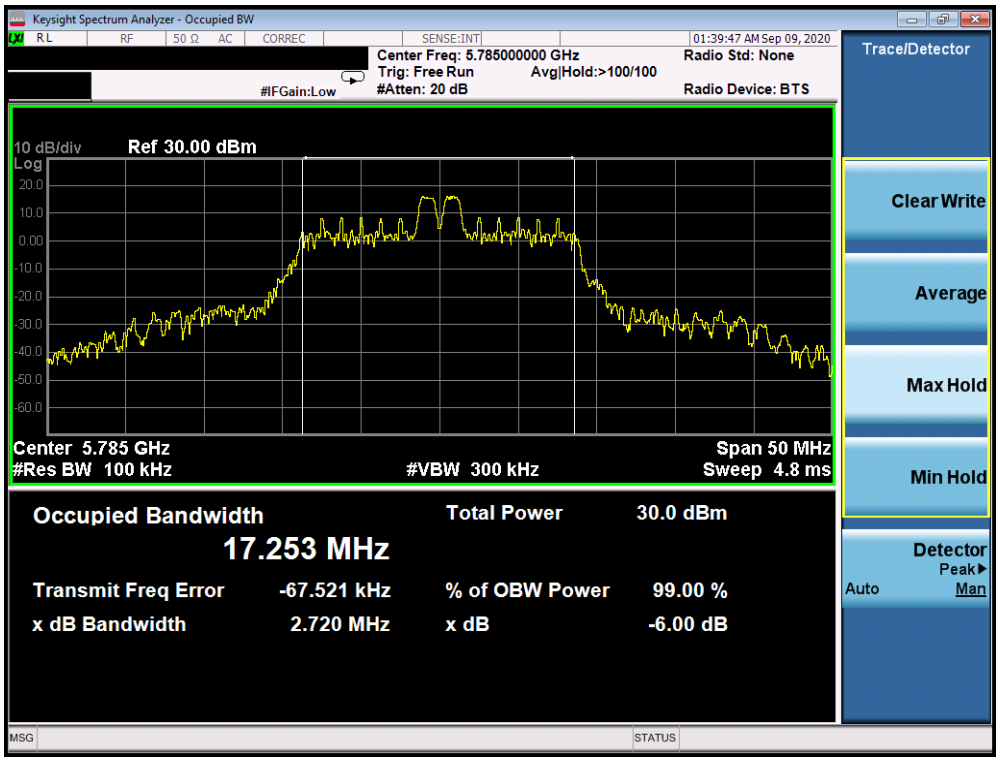

**Plot 7-290. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 149)**



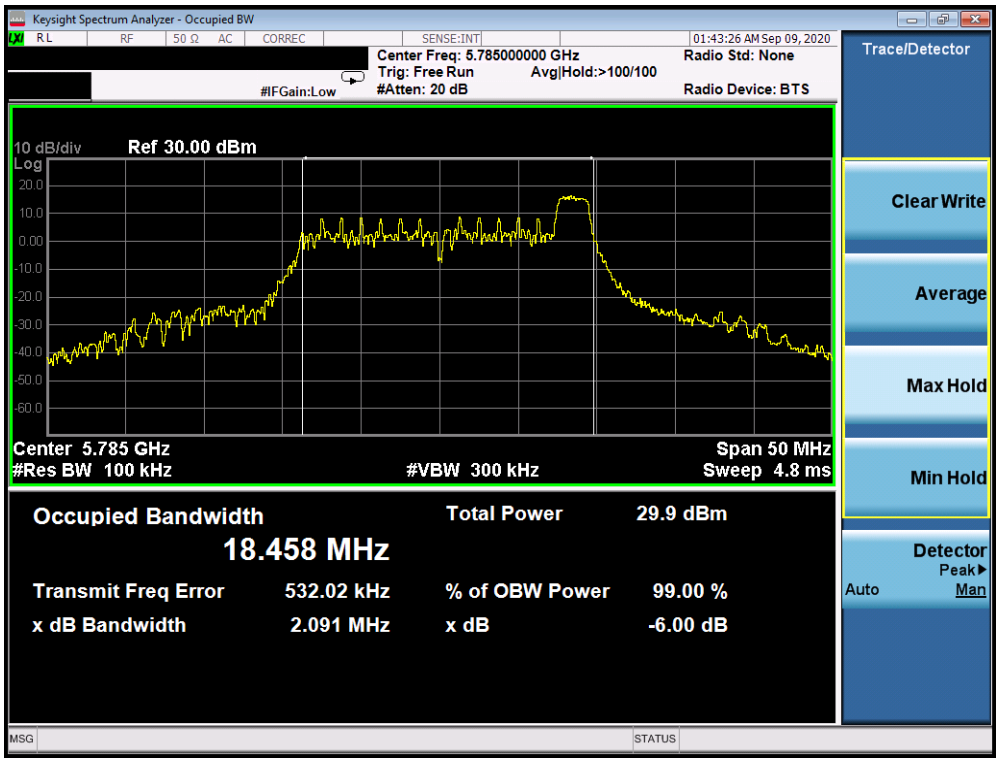

**Plot 7-291. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 149)**



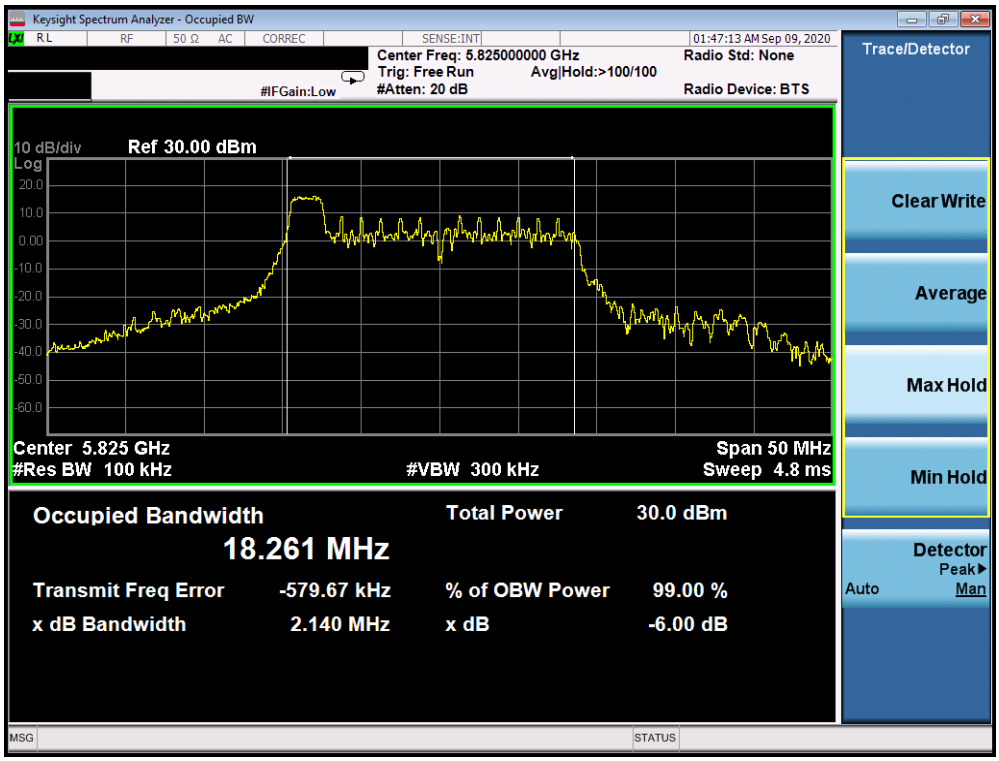

**Plot 7-292. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 157)**



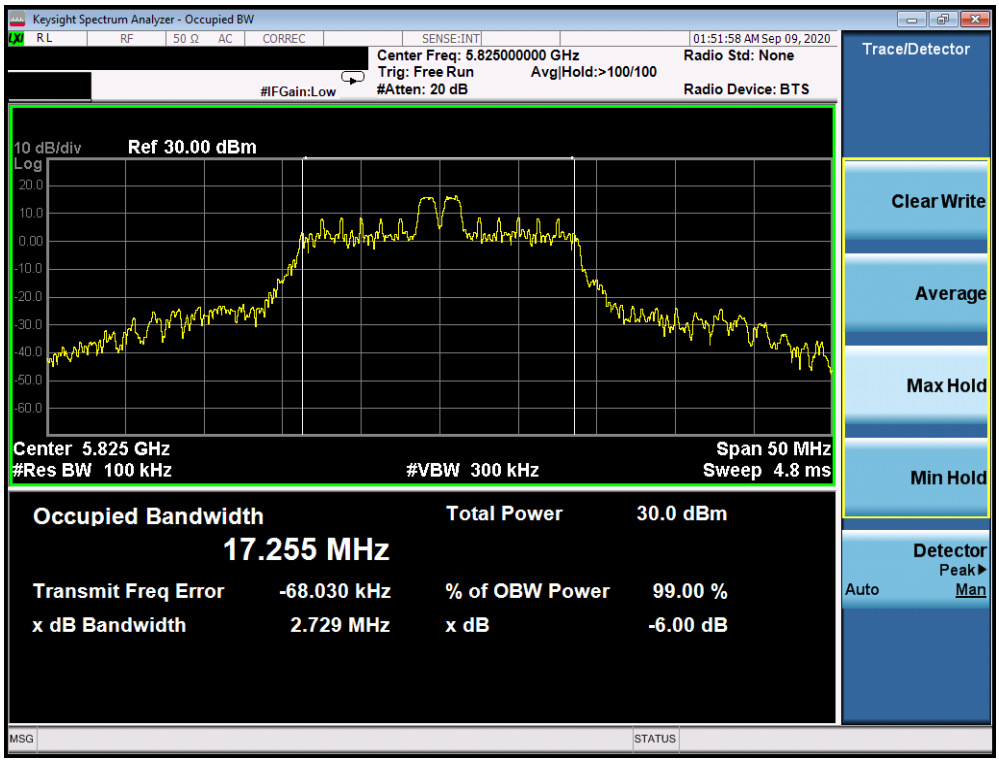

**Plot 7-293. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 157)**



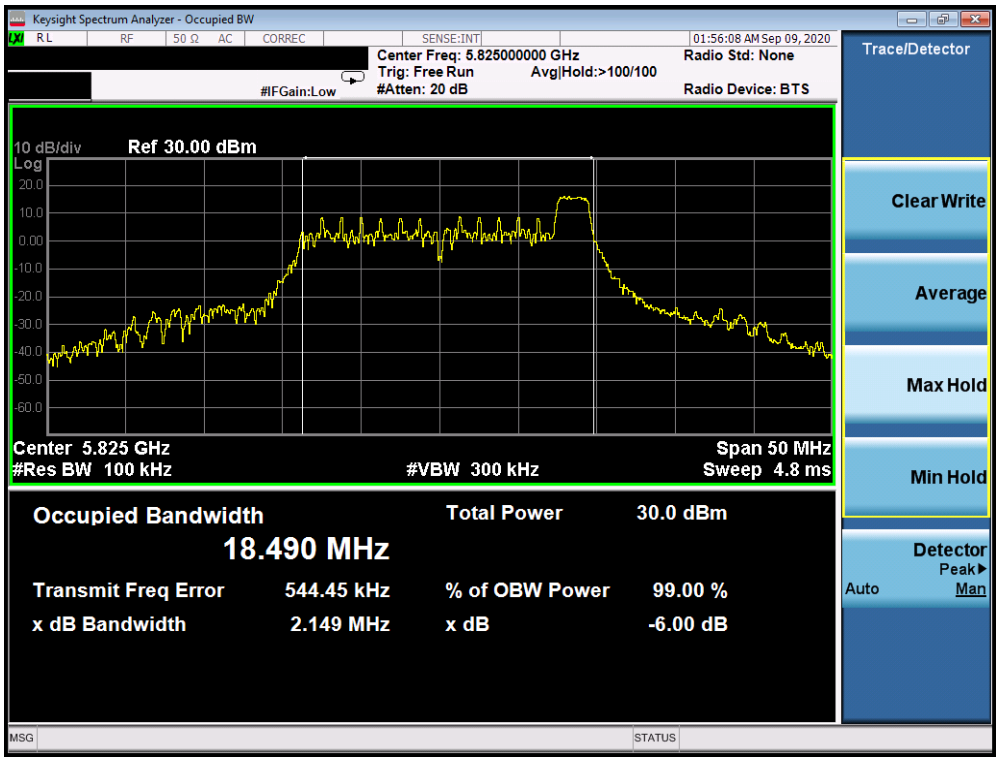

**Plot 7-294. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8– RU26 (UNII Band 3) – Ch. 157)**



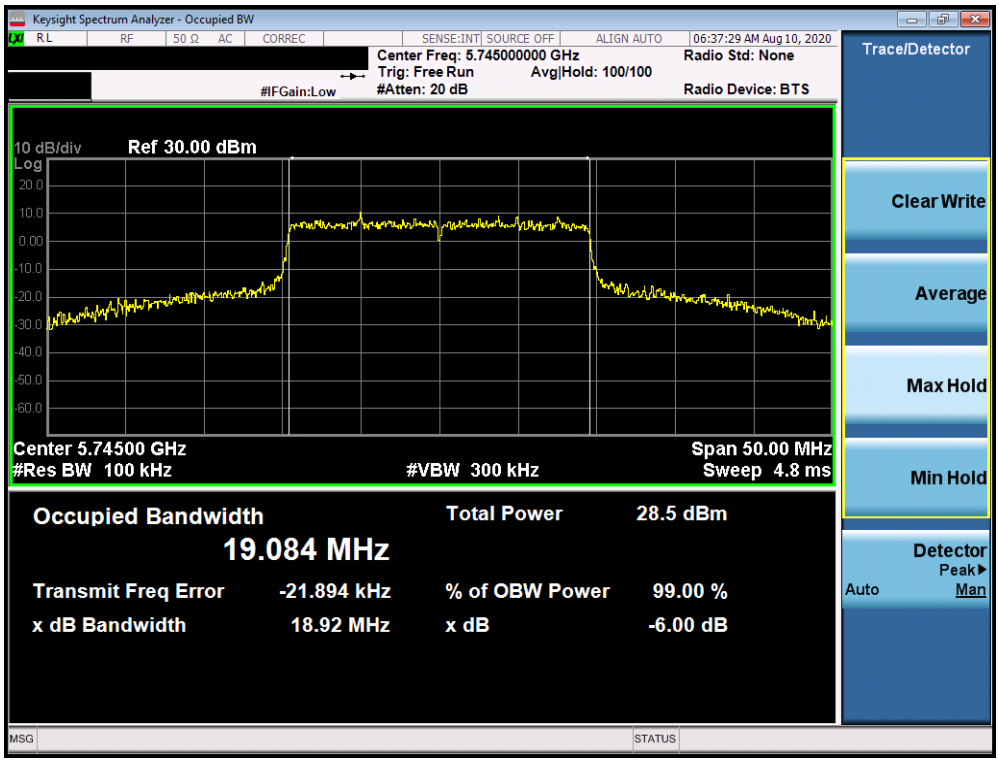

**Plot 7-295. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 165)21**



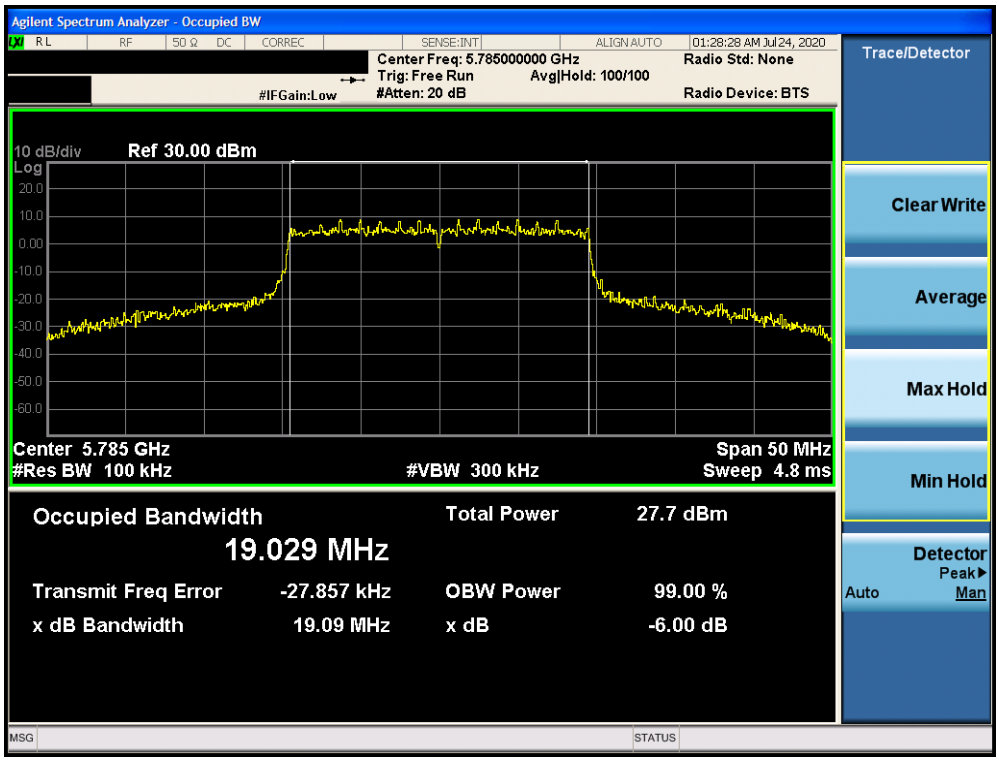

**Plot 7-296. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 165)**



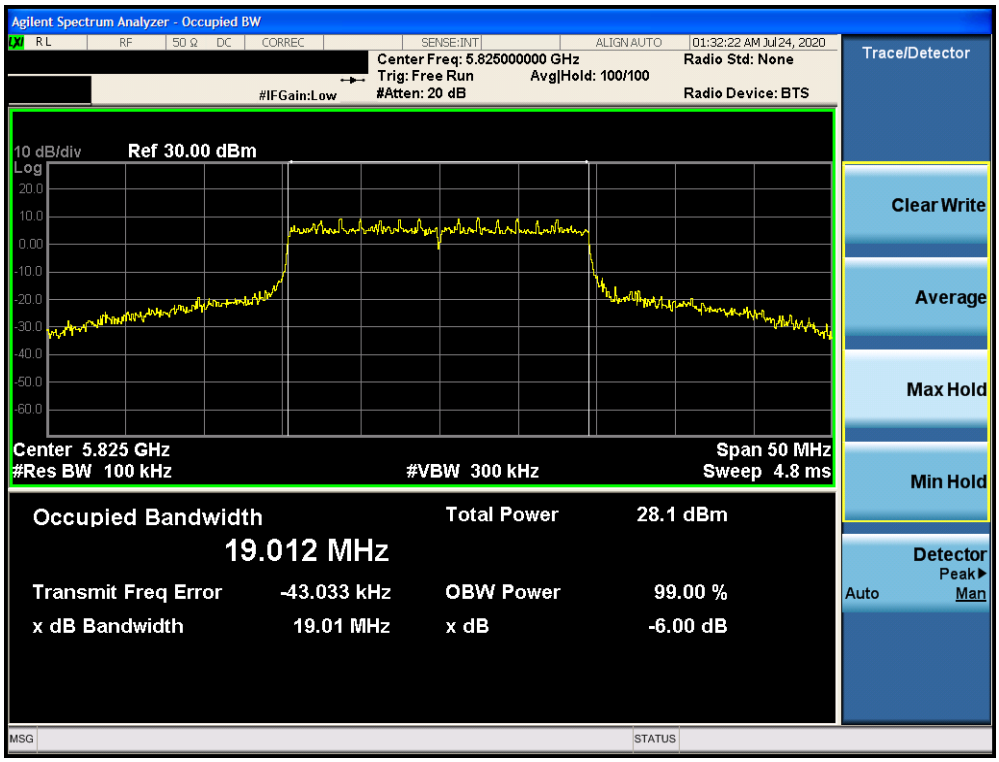

**Plot 7-297. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 165)**




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



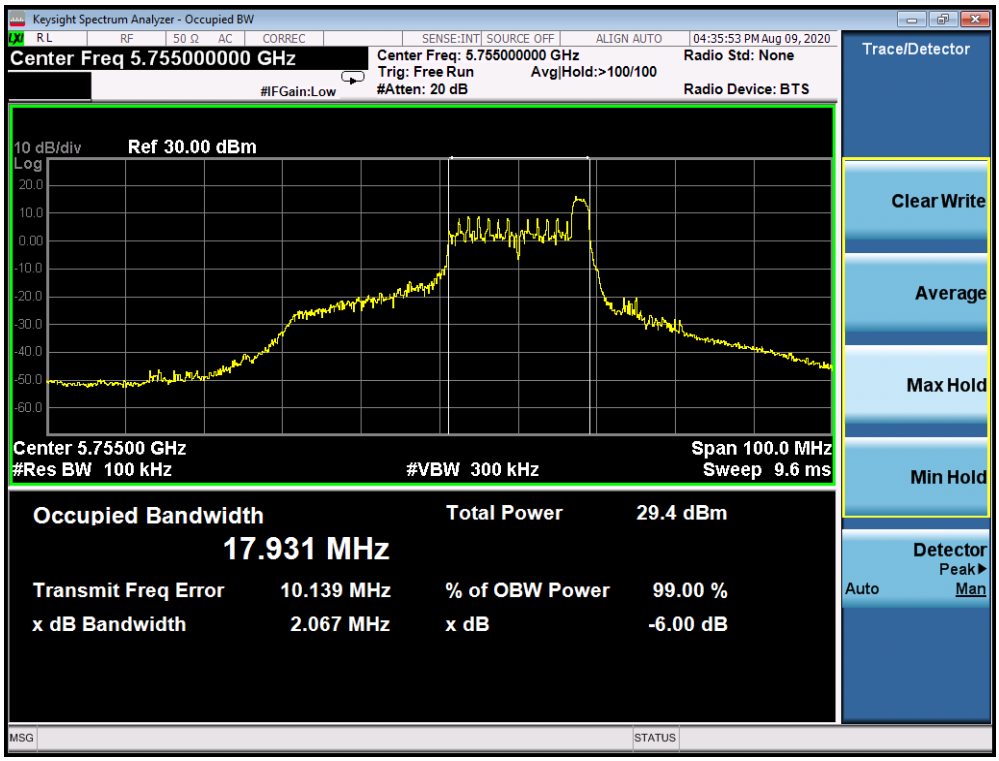

**Plot 7-299. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 157)**




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


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

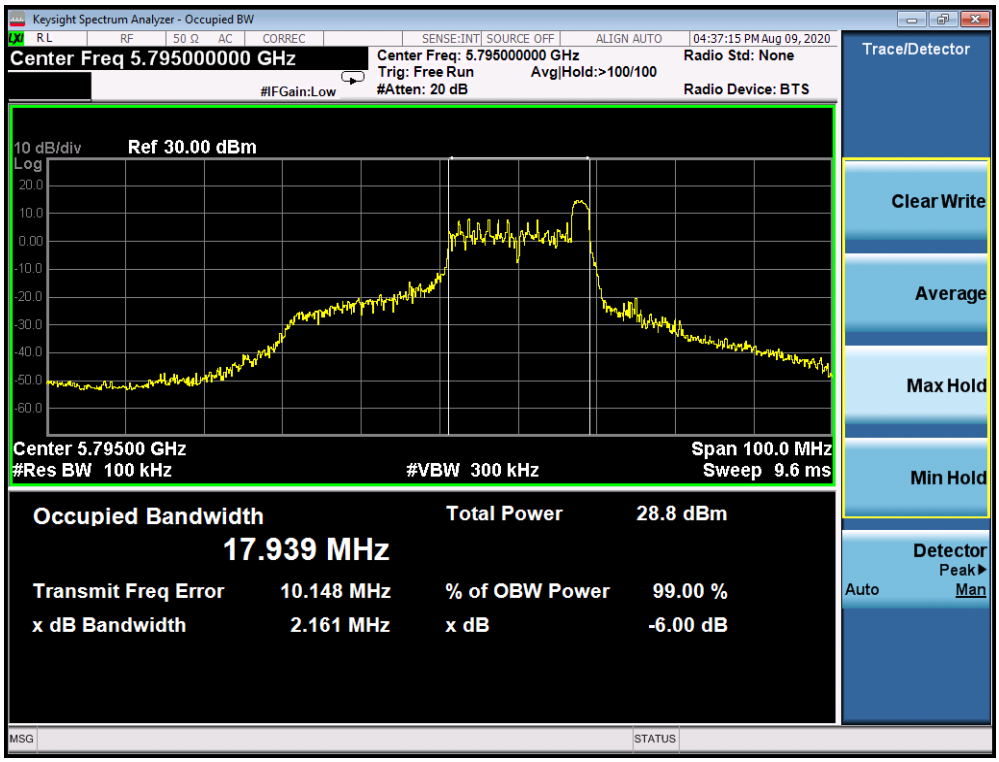

**Plot 7-302. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 151)**




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

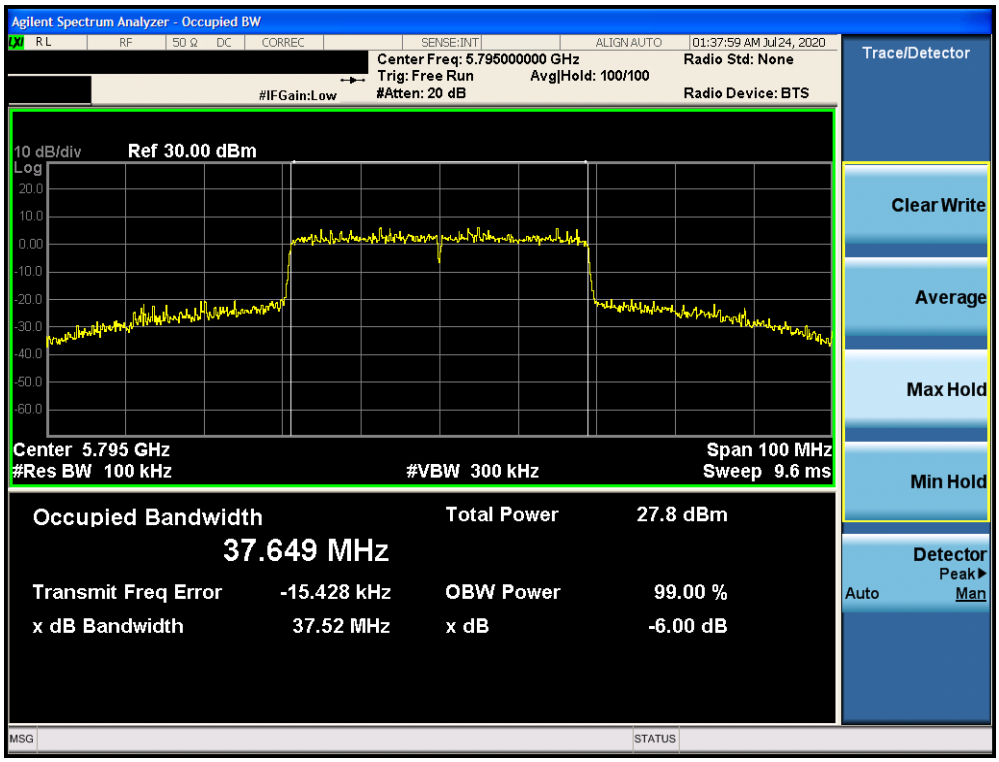

**Plot 7-304. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 159)**


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

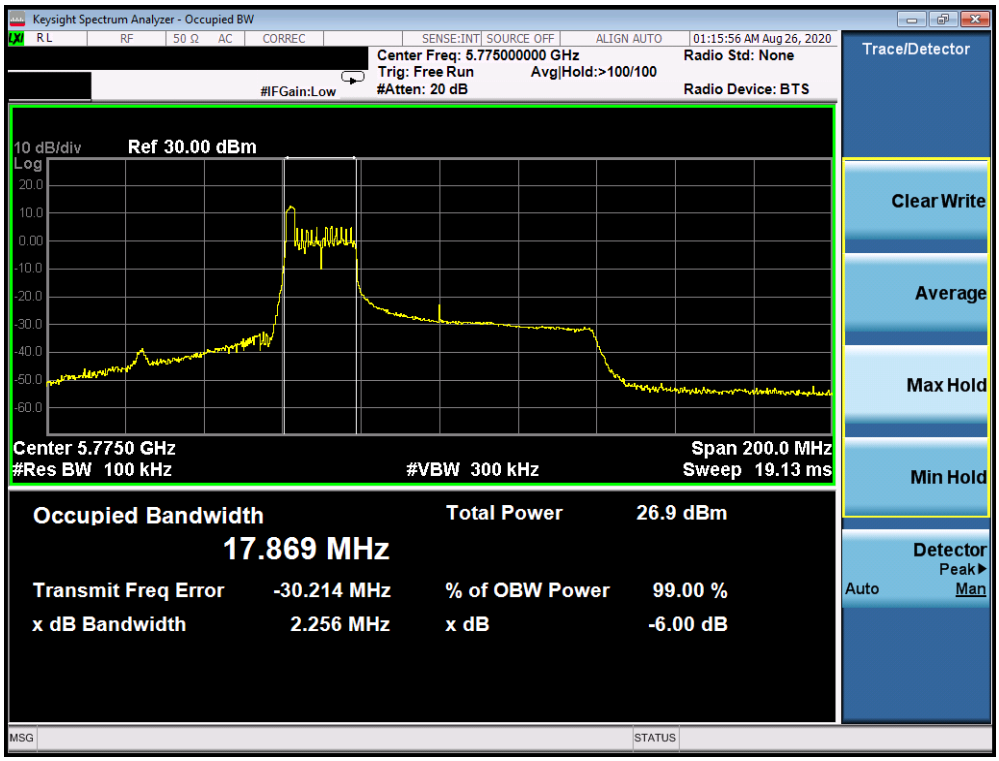



**Plot 7-306. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 159)**

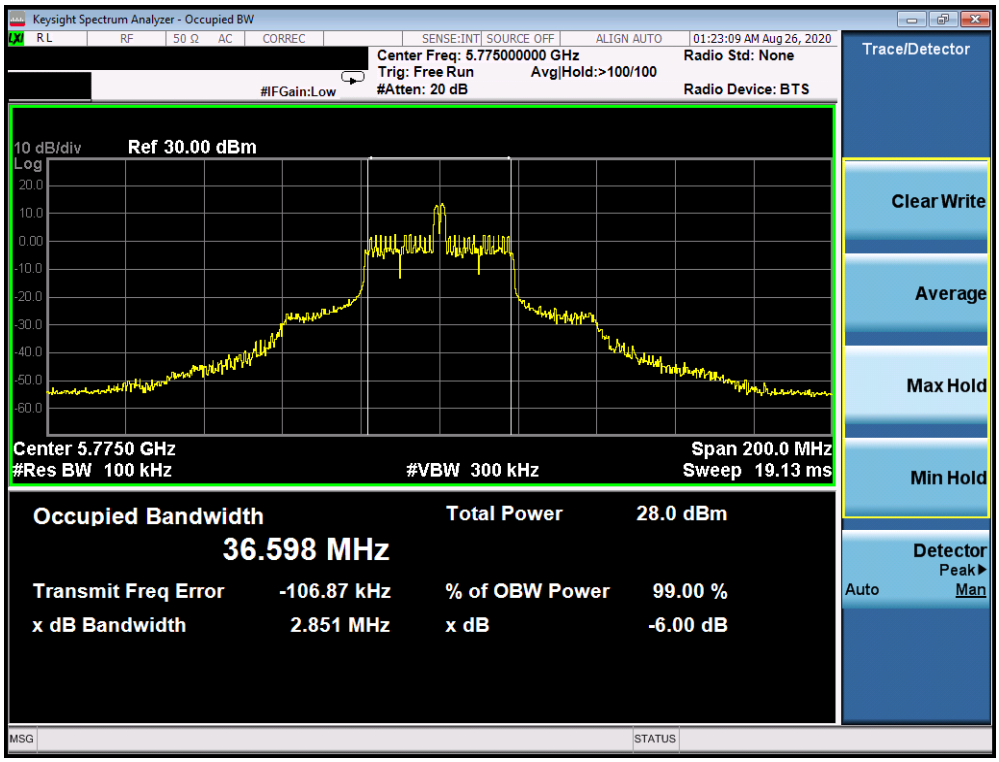

**Plot 7-307. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 151)**



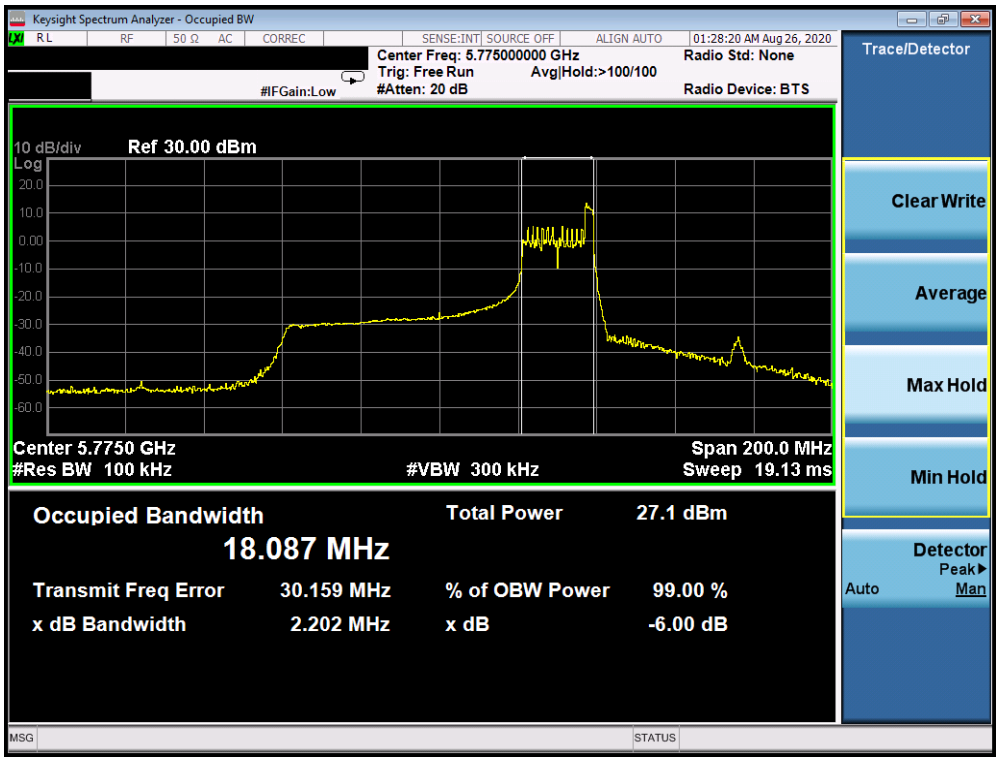

**Plot 7-308. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 159)**




**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)**




**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)**

## 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 ISED 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 dBm + 10$\log_{10}$(26dB BW) = 11 dBm + 10$\log_{10}$(18.90) = 23.76dBm. 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 dBm + 10$\log_{10}$(26dB BW) = 11 dBm + 10$\log_{10}$(18.73) = 23.73dBm. 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.

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

| | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|---|---|---|---|---|---|---|---|---|
| 5GHz (20MHz Bandwidth) | 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)**

| | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|---|---|---|---|---|---|---|---|---|
| 5GHz (40MHz Bandwidth) | 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)**

| | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|---|---|---|---|---|---|---|---|---|
| 5GHz (80MHz Bandwidth) | 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)**

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

| | 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] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5GHz (20MHz Bandwidth) | 5180 | 36 | AVG | 26 | 0 | 6.08 | - | - | -0.20 | 5.88 | 22.77 | -16.89 |
| | | | 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)**

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

| | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|---|---|---|---|---|---|---|---|---|
| 5GHz (20MHz Bandwidth) | 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)**

| 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)**

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

| | 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] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5GHz (20MHz Bandwidth) | 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)**

| | 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] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5GHz (40MHz Bandwidth) | 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)**

| 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 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)**

# 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 Antenna 2a Conducted Output Power Measurements (RU26)

| | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|---|---|---|---|---|---|---|---|---|
| 5GHz (20MHz Bandwidth) | 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)**

| | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|---|---|---|---|---|---|---|---|---|
| 5GHz (40MHz Bandwidth) | 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)**

| | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|---|---|---|---|---|---|---|---|---|
| 5GHz (80MHz Bandwidth) | 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)**

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

| | 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] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5GHz (20MHz Bandwidth) | 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)**

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

| | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|---|---|---|---|---|---|---|---|---|
| 5GHz (20MHz Bandwidth) | 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)**

| 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)**

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

| | 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] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5GHz (20MHz Bandwidth) | 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)**

| | 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] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5GHz (40MHz Bandwidth) | 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)**

| 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 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)**

# 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 Antenna 1b Conducted Output Power Measurements (RU26)

| | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|---|---|---|---|---|---|---|---|---|
| 5GHz (20MHz Bandwidth) | 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)**

| | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|---|---|---|---|---|---|---|---|---|
| 5GHz (40MHz Bandwidth) | 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)**

| | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|---|---|---|---|---|---|---|---|---|
| 5GHz (80MHz Bandwidth) | 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)**

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

| | 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] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5GHz (20MHz Bandwidth) | 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)**

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

| | Freq [MHz] | Channel | Detector | RU Size | RU Index | Conducted Power [dBm] | Conducted Power Limit [dBm] | Conducted Power Margin [dB] |
|---|---|---|---|---|---|---|---|---|
| 5GHz (20MHz Bandwidth) | 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)**

| 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)**

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

| | 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] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5GHz (20MHz Bandwidth) | 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)**

| | 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] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5GHz (40MHz Bandwidth) | 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)**

| 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)**