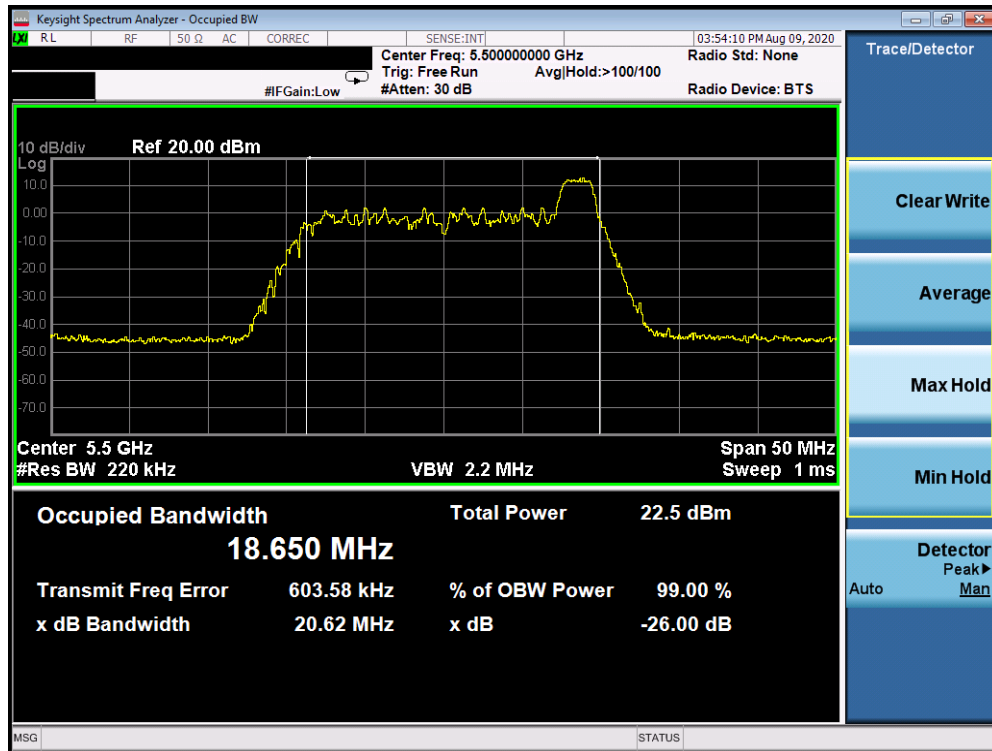
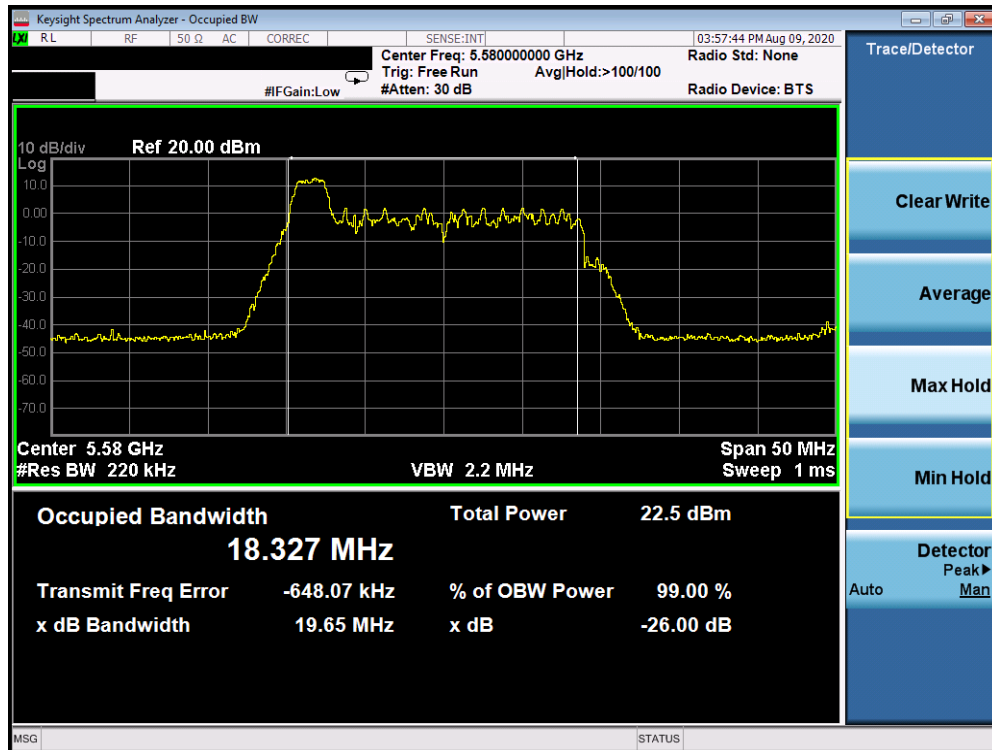


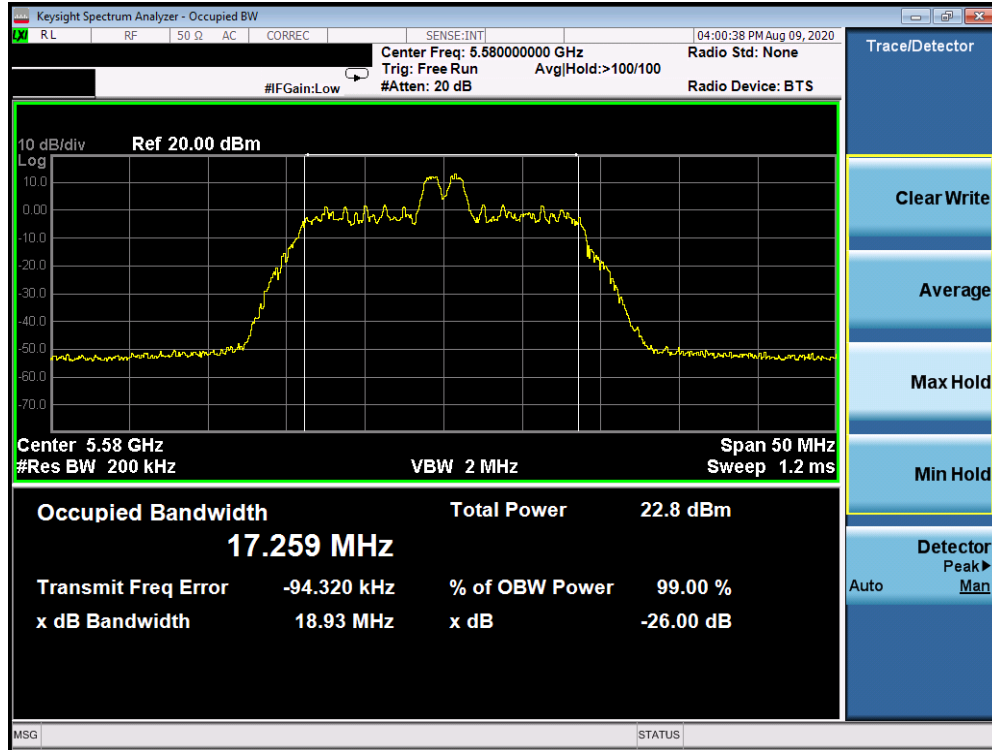


Plot 7-211. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 100)

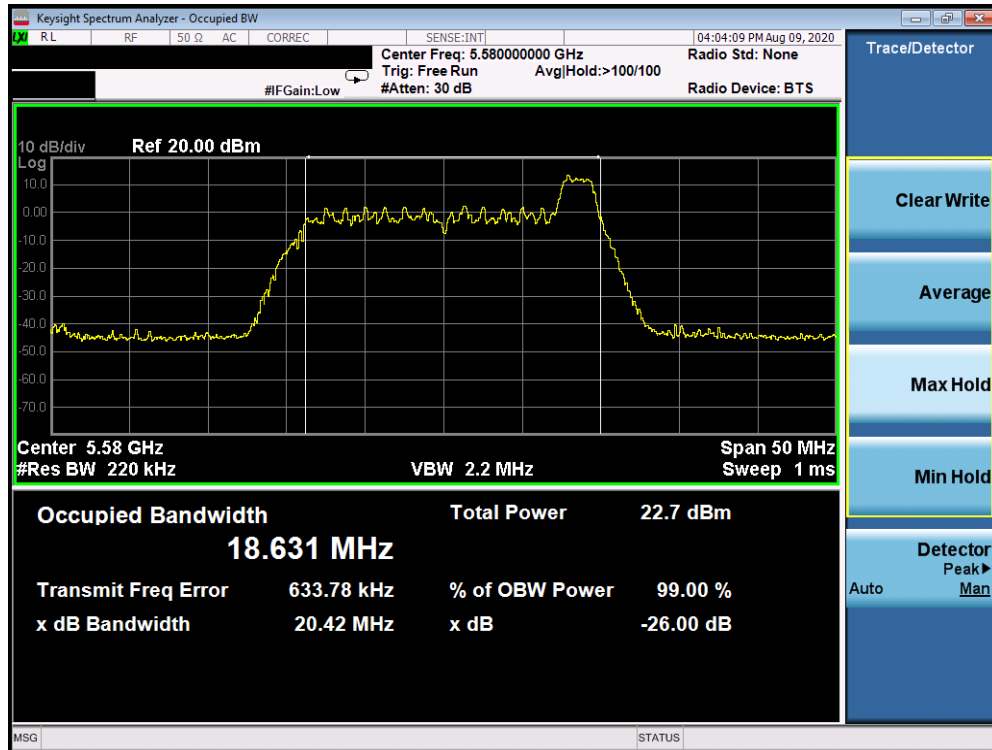


Plot 7-212. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 116)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 127 of 958

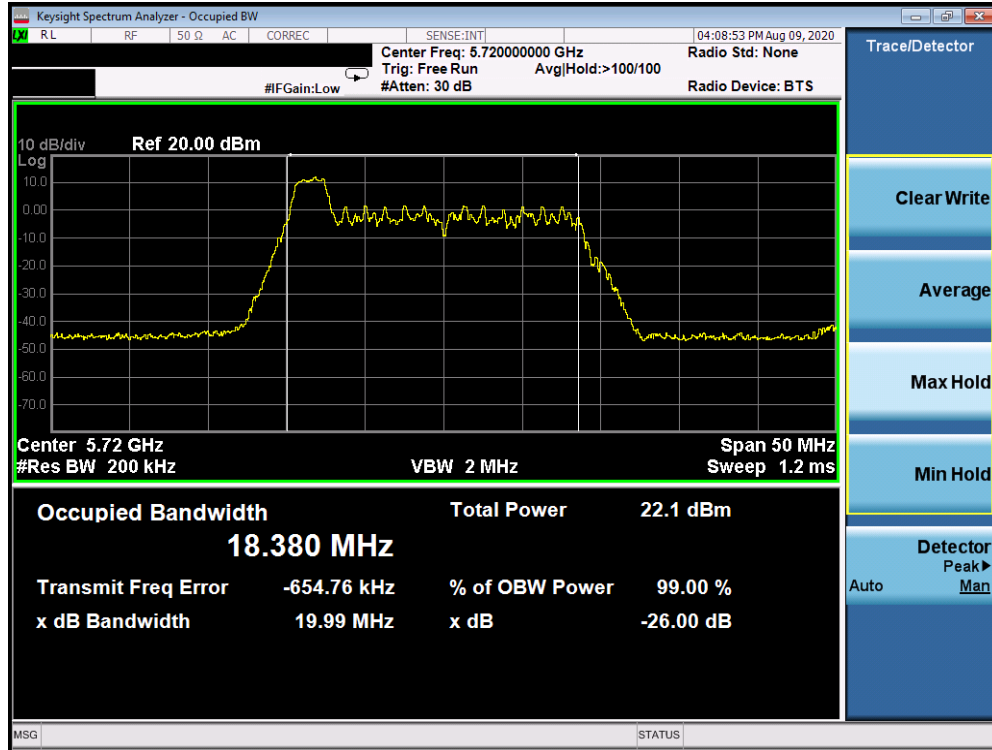


Plot 7-213. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2C) – Ch. 116)

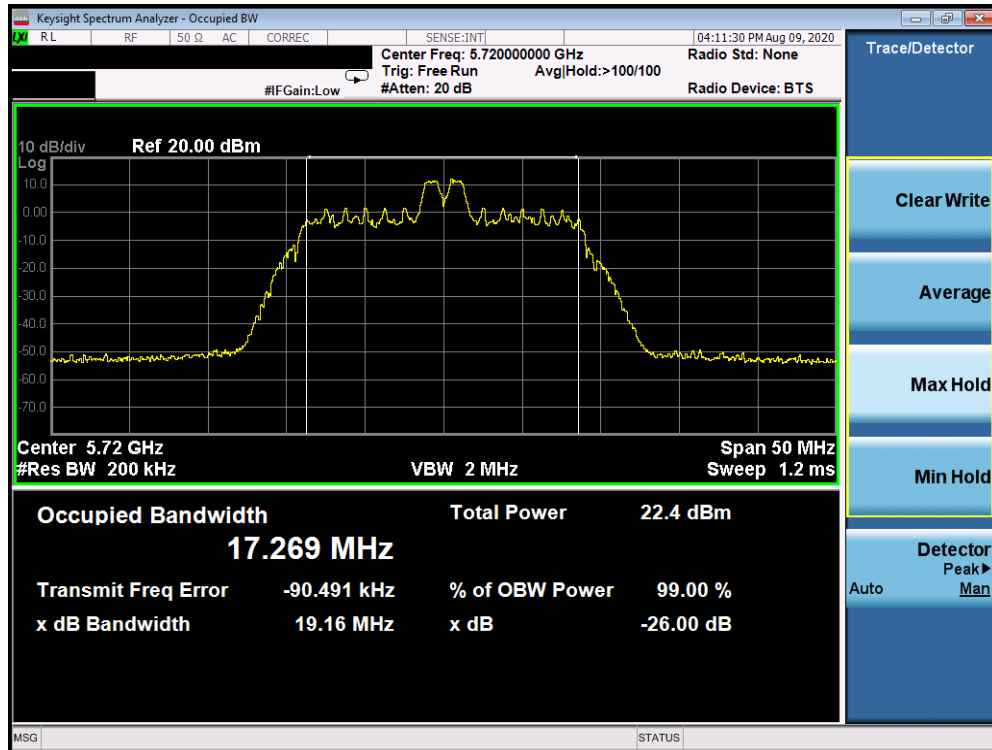


Plot 7-214. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8– RU26 (UNII Band 2C) – Ch. 116)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 128 of 958

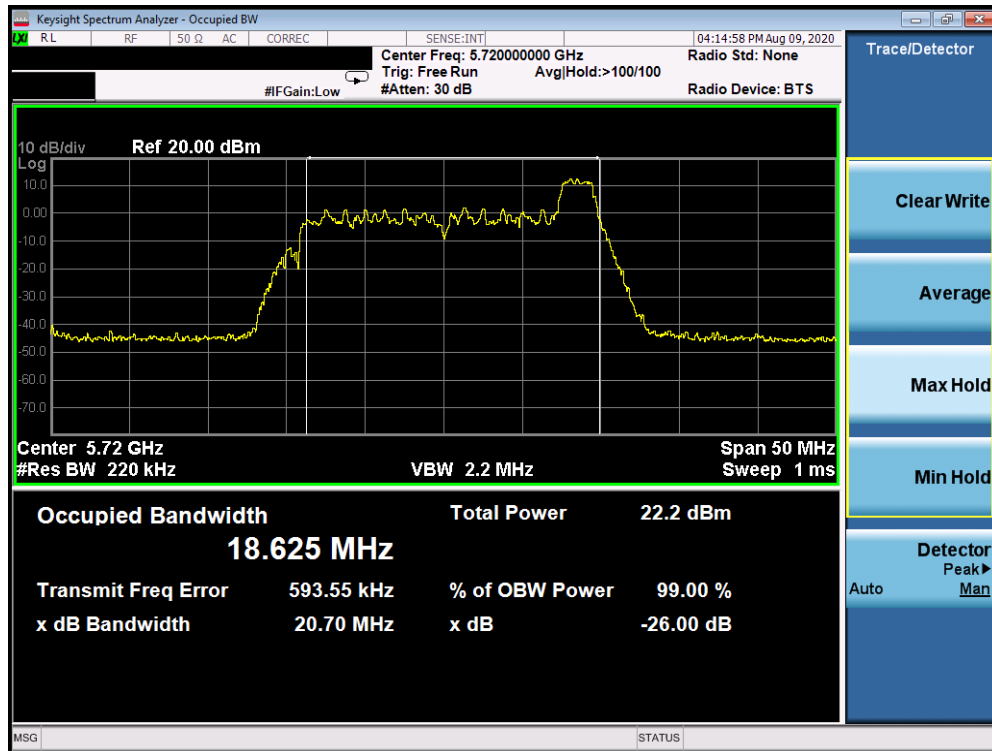


Plot 7-215. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 144)

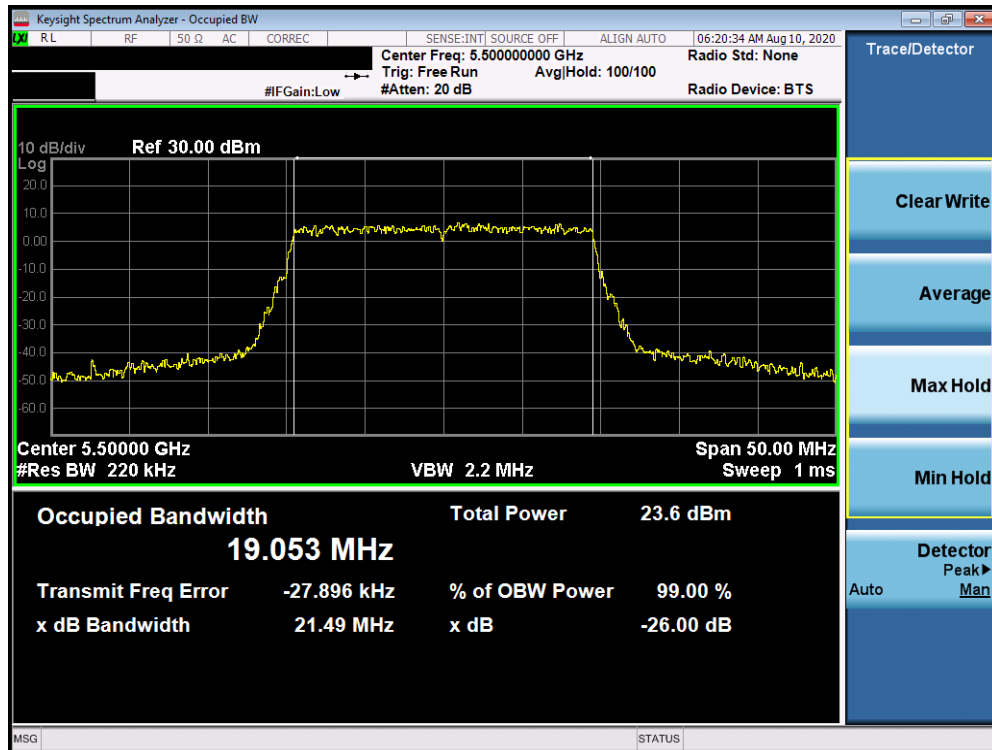


Plot 7-216. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2C) – Ch. 144)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 129 of 958

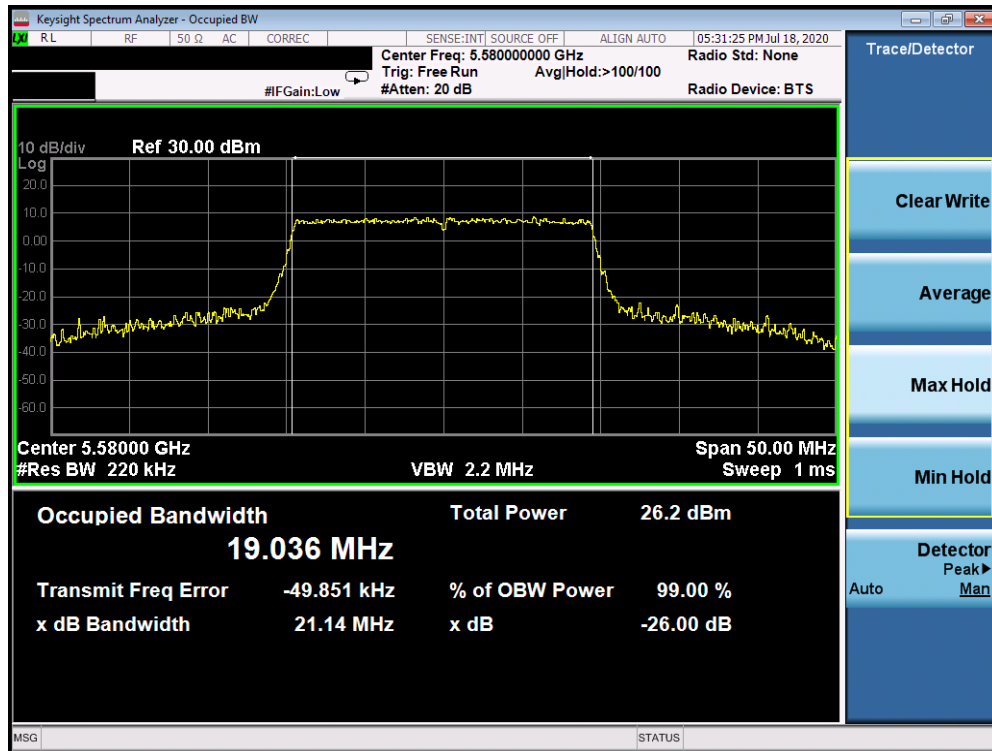


Plot 7-217. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 144)

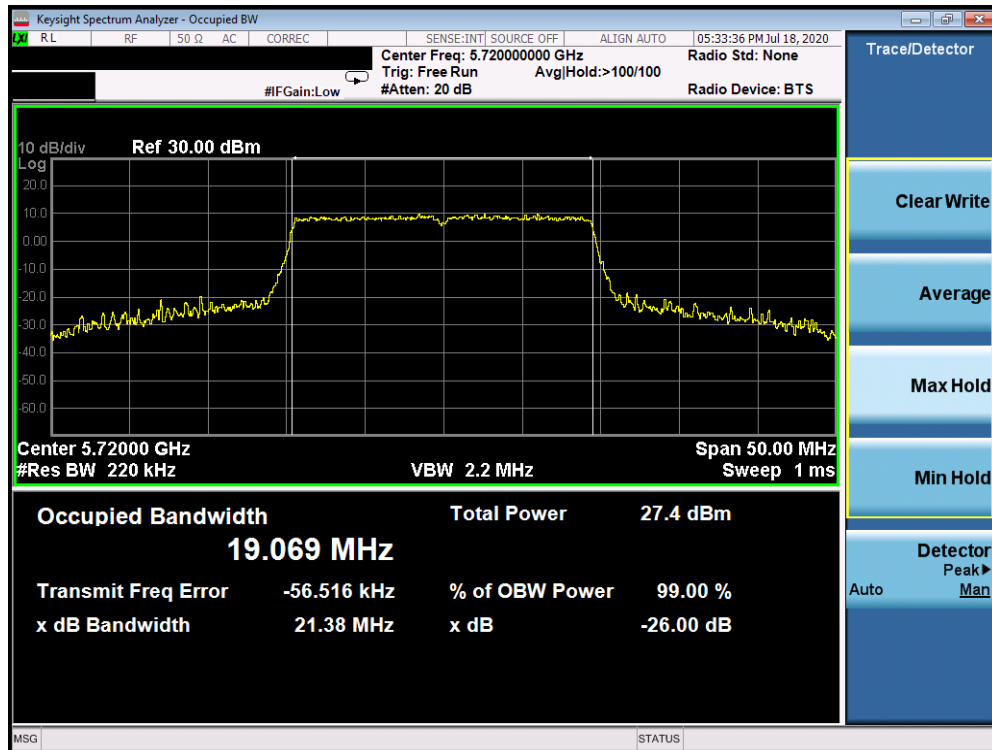


Plot 7-218. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax– RU242 (UNII Band 2C) – Ch. 100)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 130 of 958

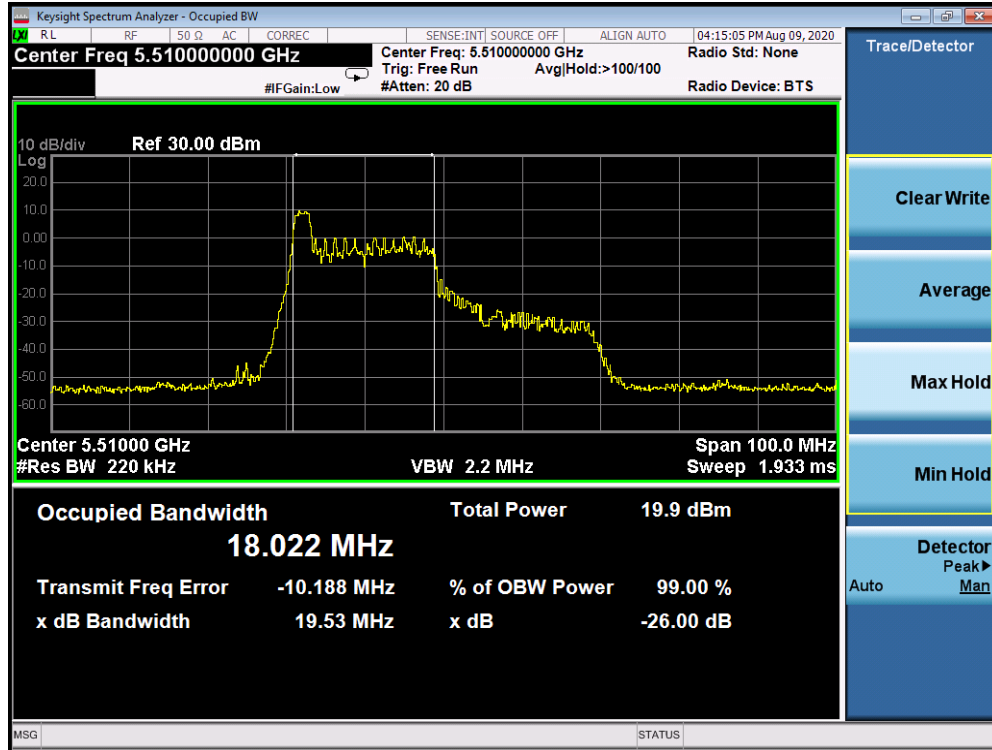


Plot 7-219. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax- RU242 (UNII Band 2C) - Ch. 116)

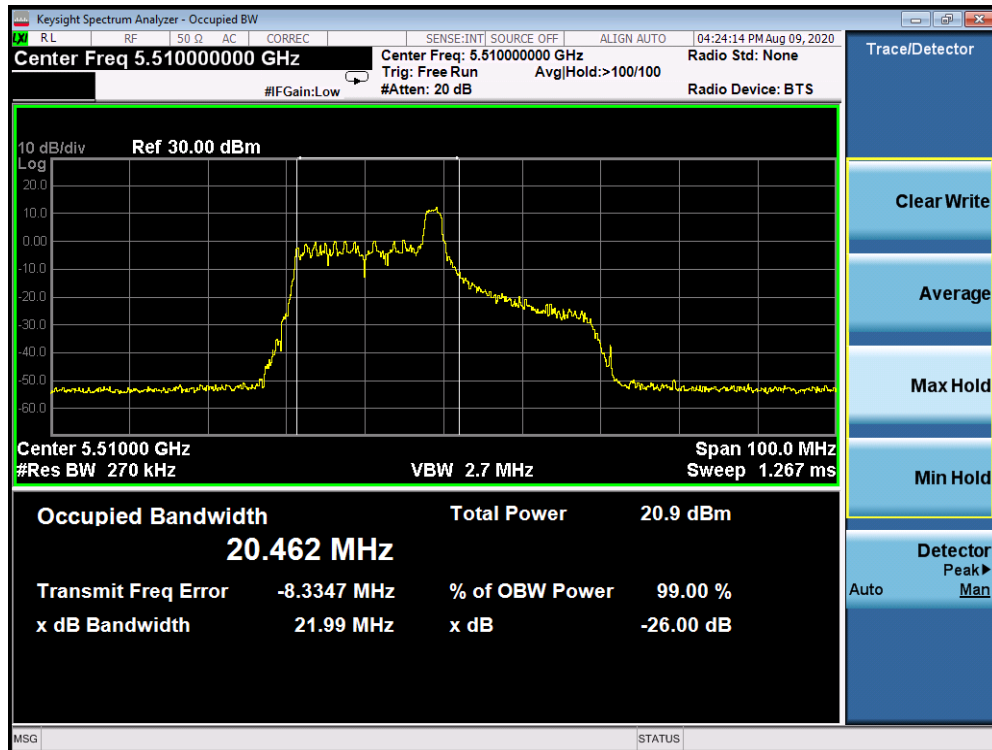


Plot 7-220. 26dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax- RU242 (UNII Band 2C) - Ch. 144)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 131 of 958

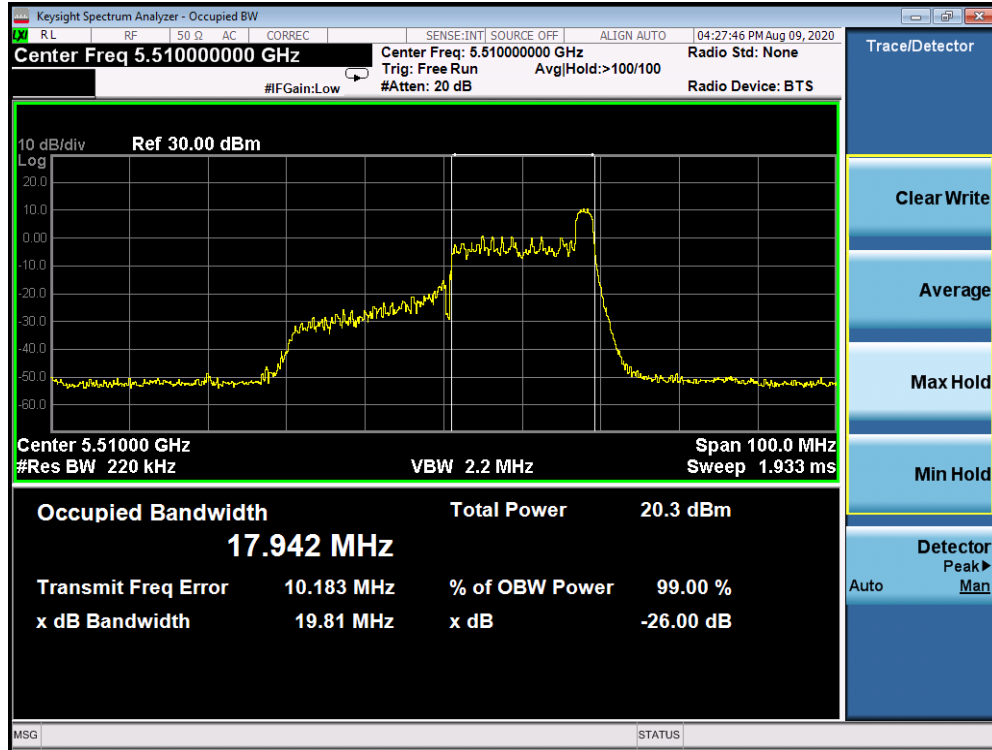


Plot 7-221. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 102)

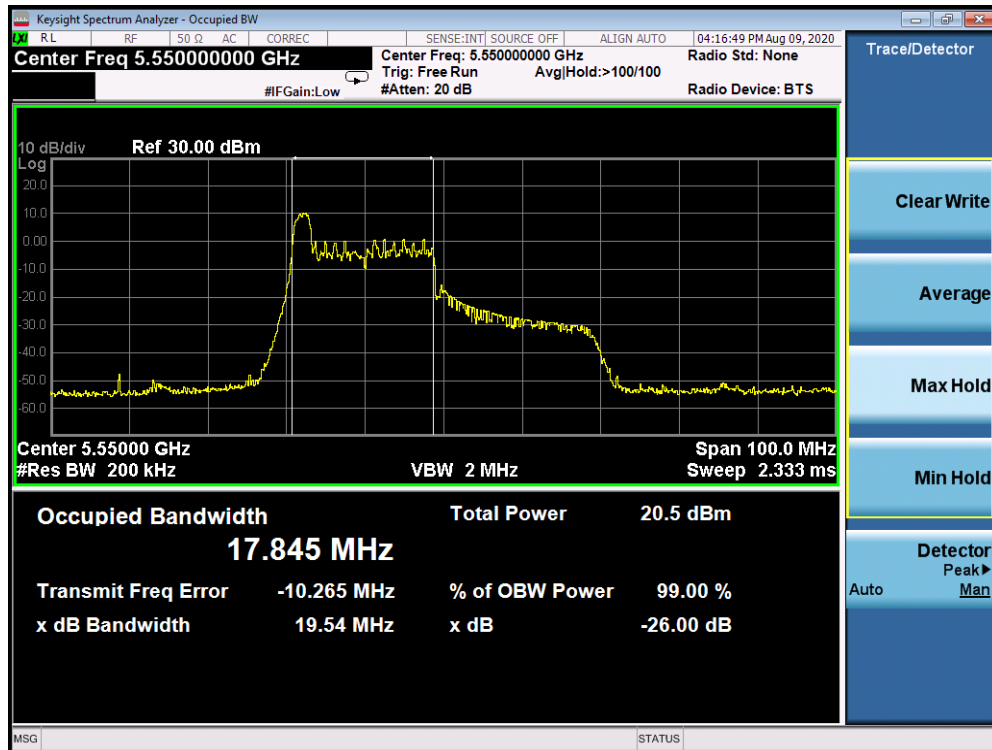


Plot 7-222. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 102)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 132 of 958

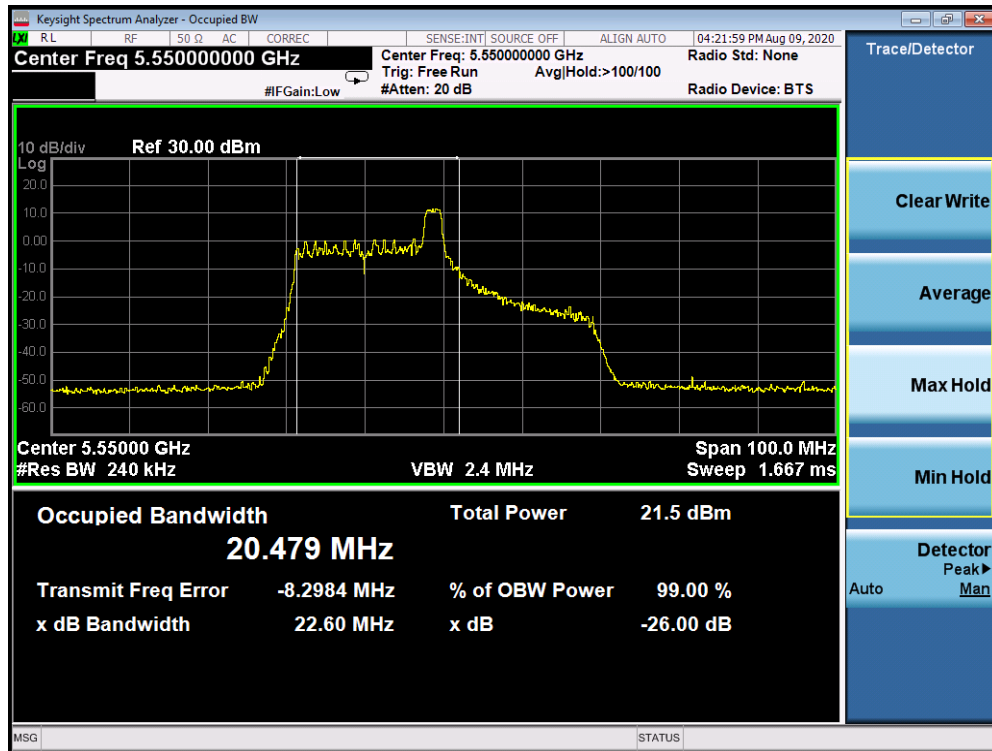


Plot 7-223. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 102)

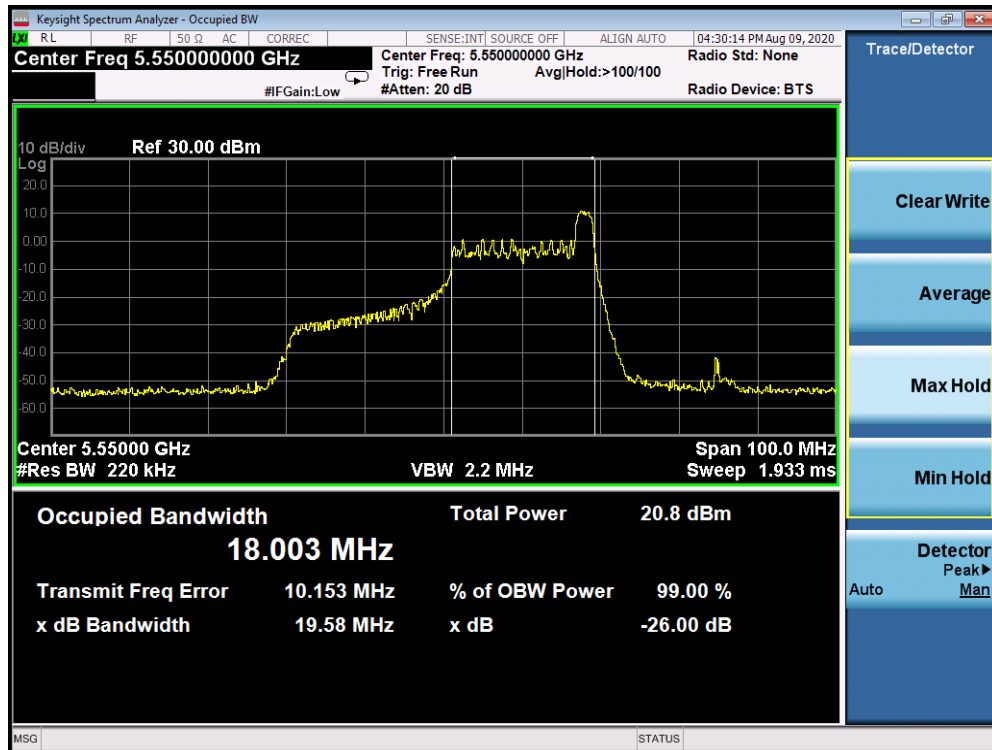


Plot 7-224. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 110)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 133 of 958

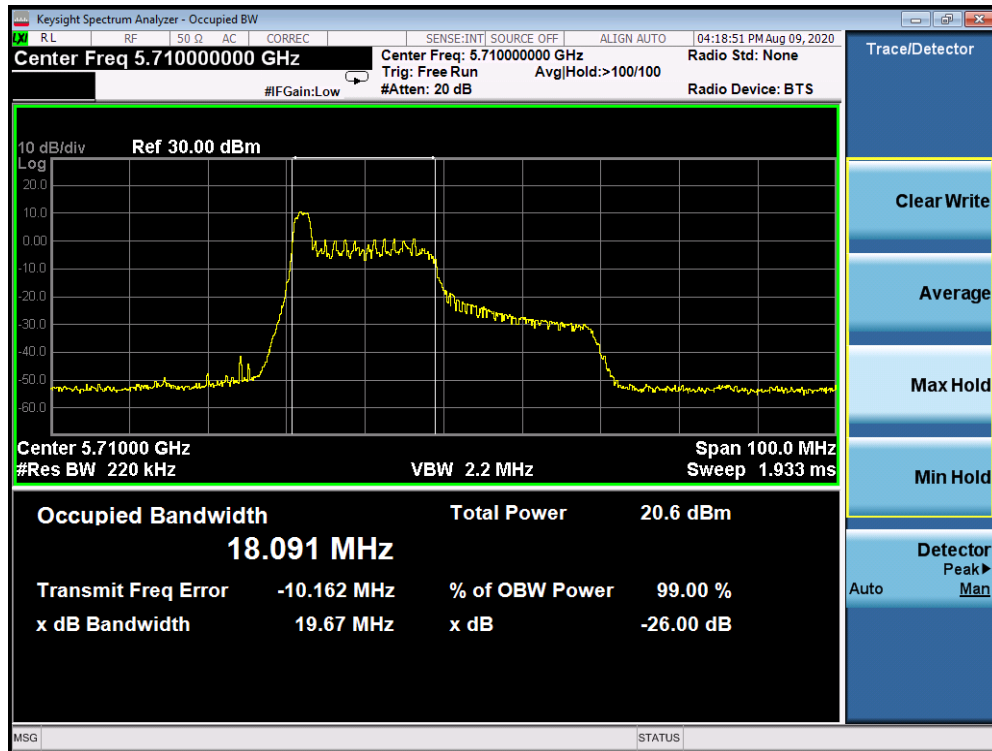


Plot 7-225. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 110)

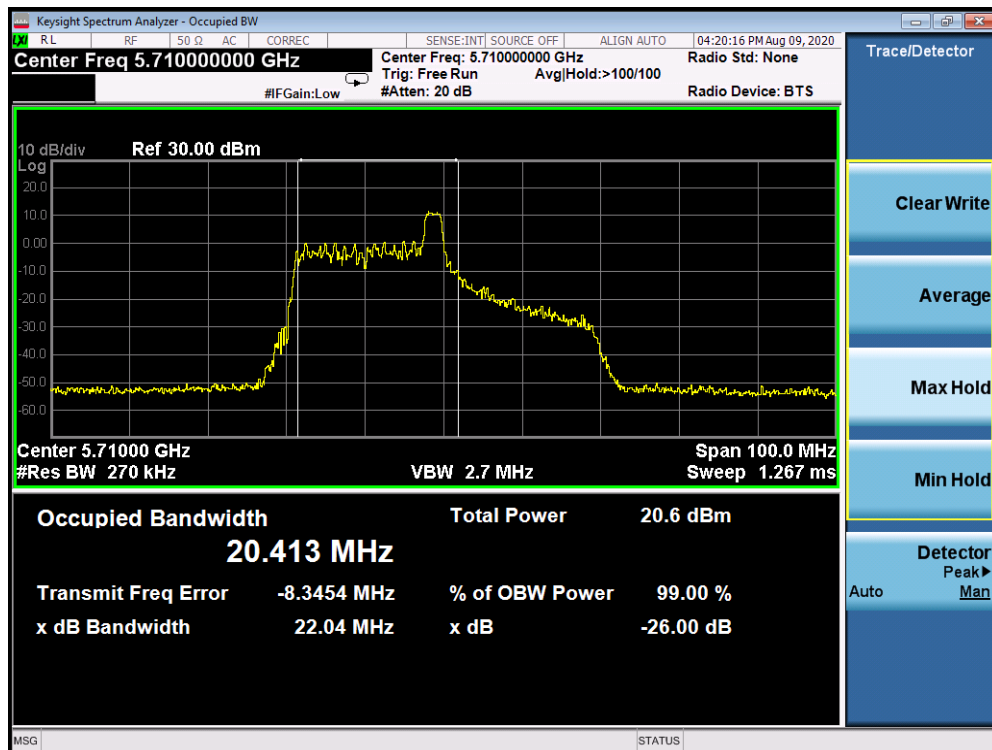


Plot 7-226. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 110)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 134 of 958

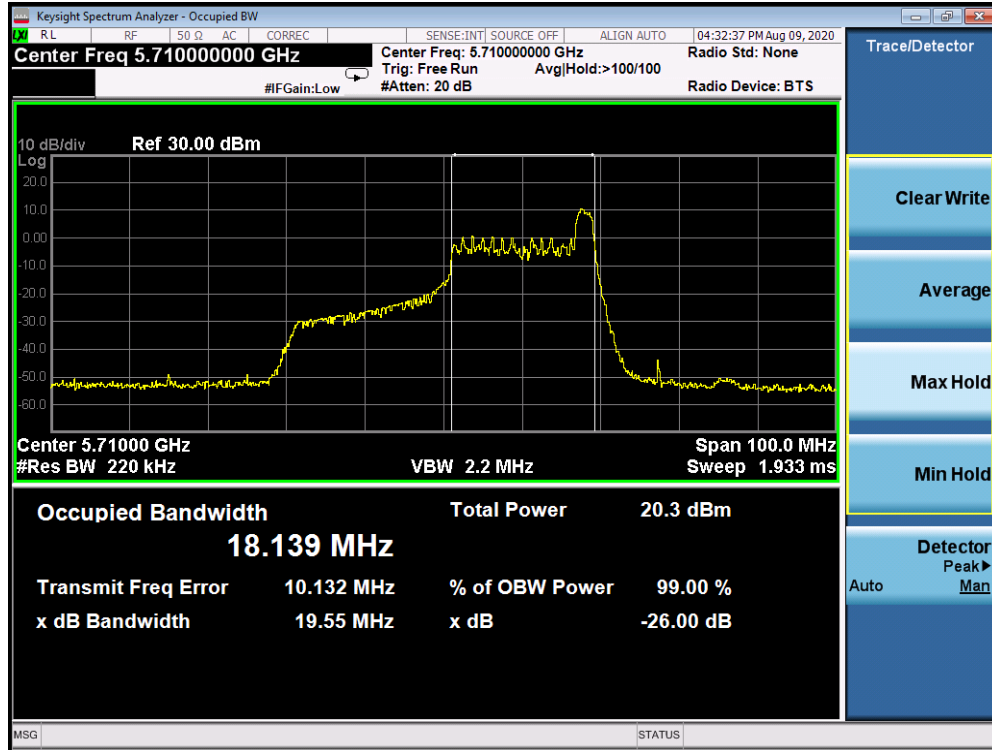


Plot 7-227. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 142)

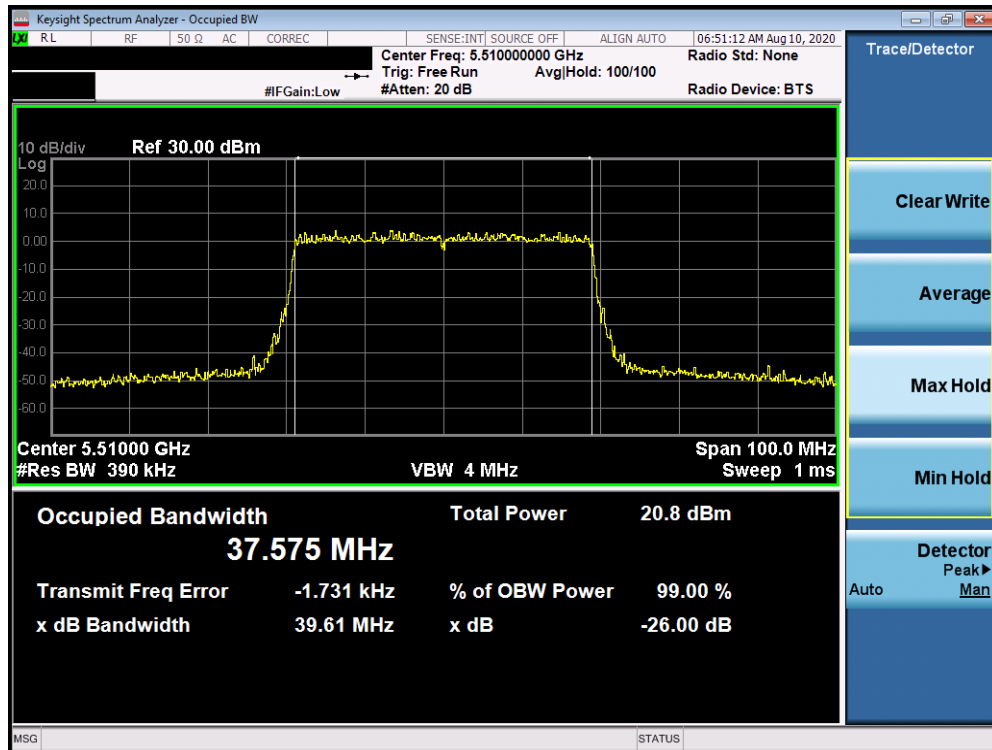


Plot 7-228. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 142)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 135 of 958

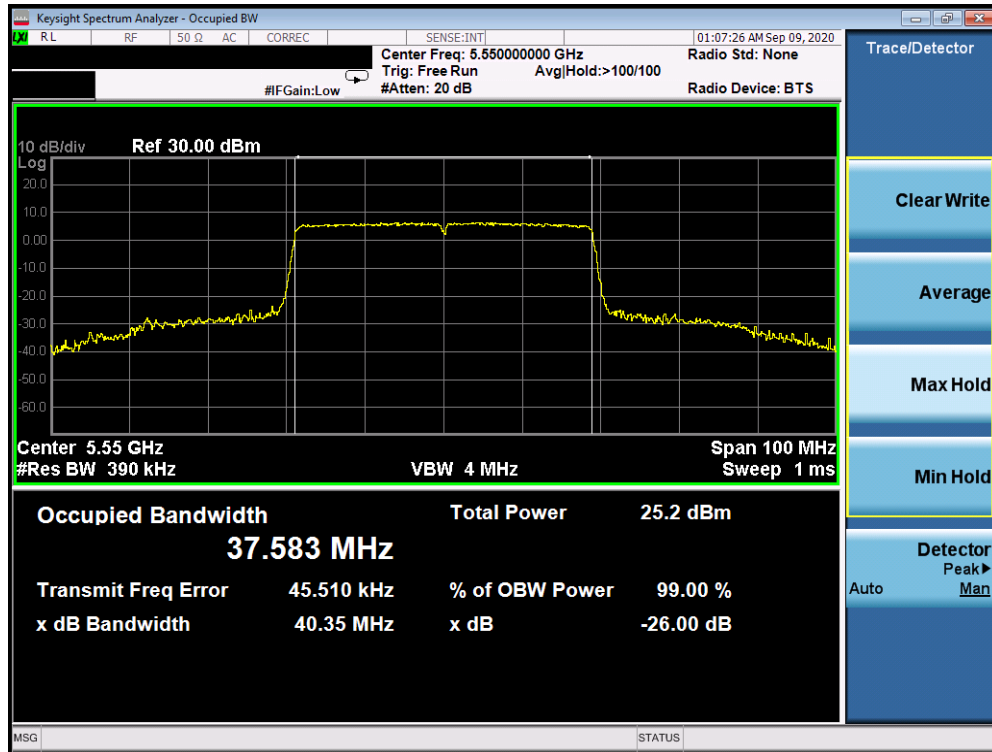


Plot 7-229. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 142)

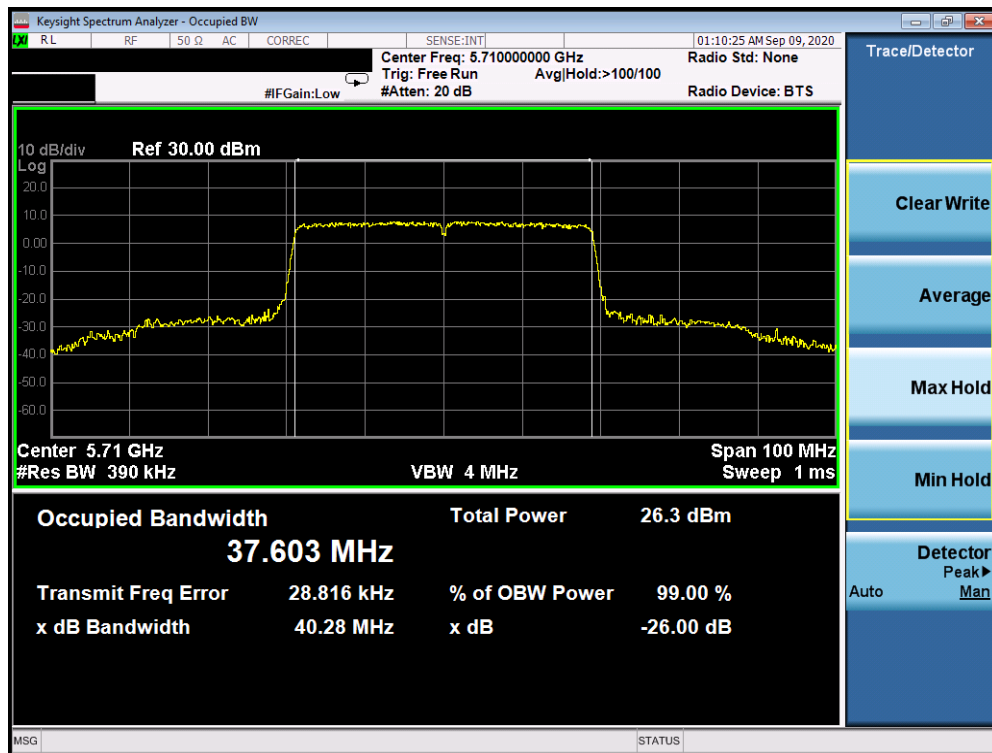


Plot 7-230. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 102)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 136 of 958

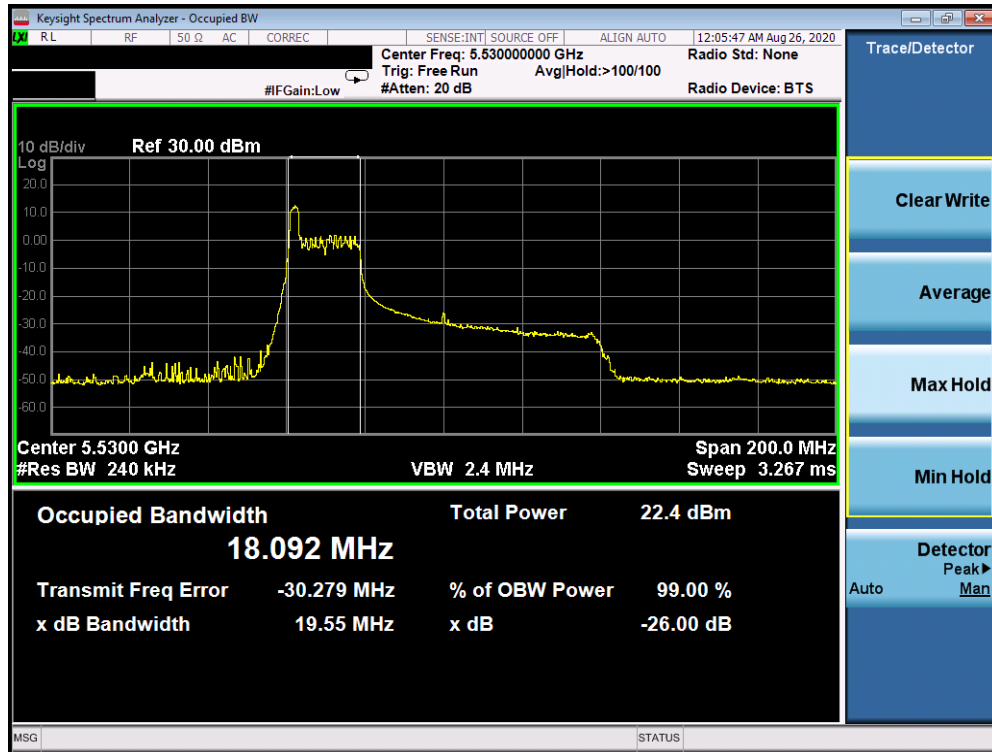


Plot 7-231. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 110)

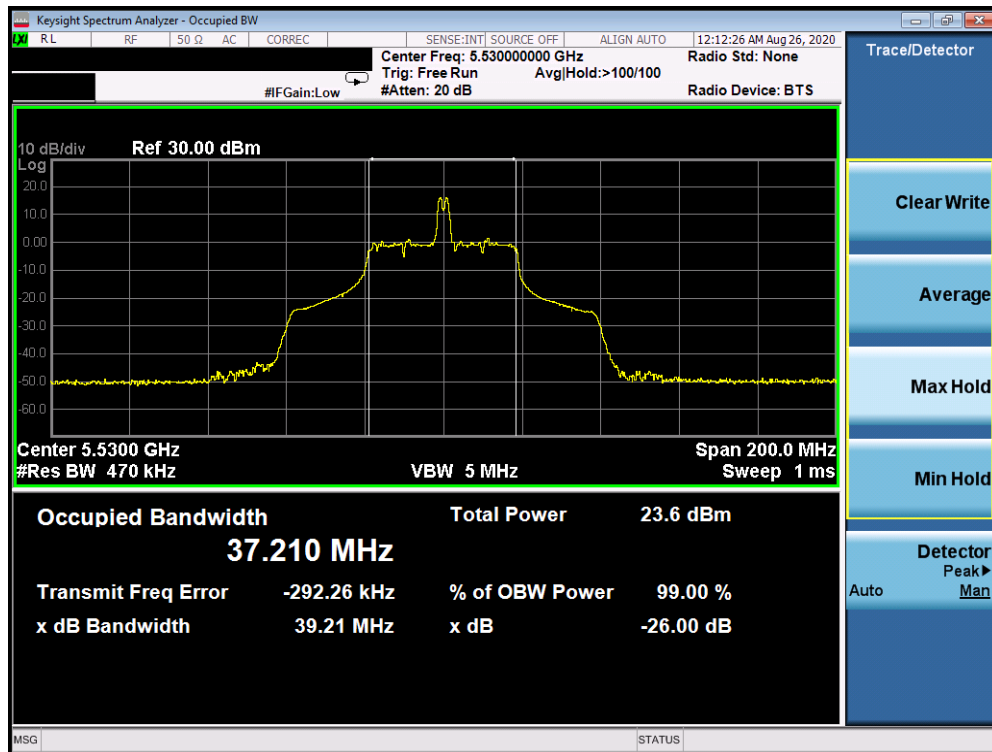


Plot 7-232. 26dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 142)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 137 of 958

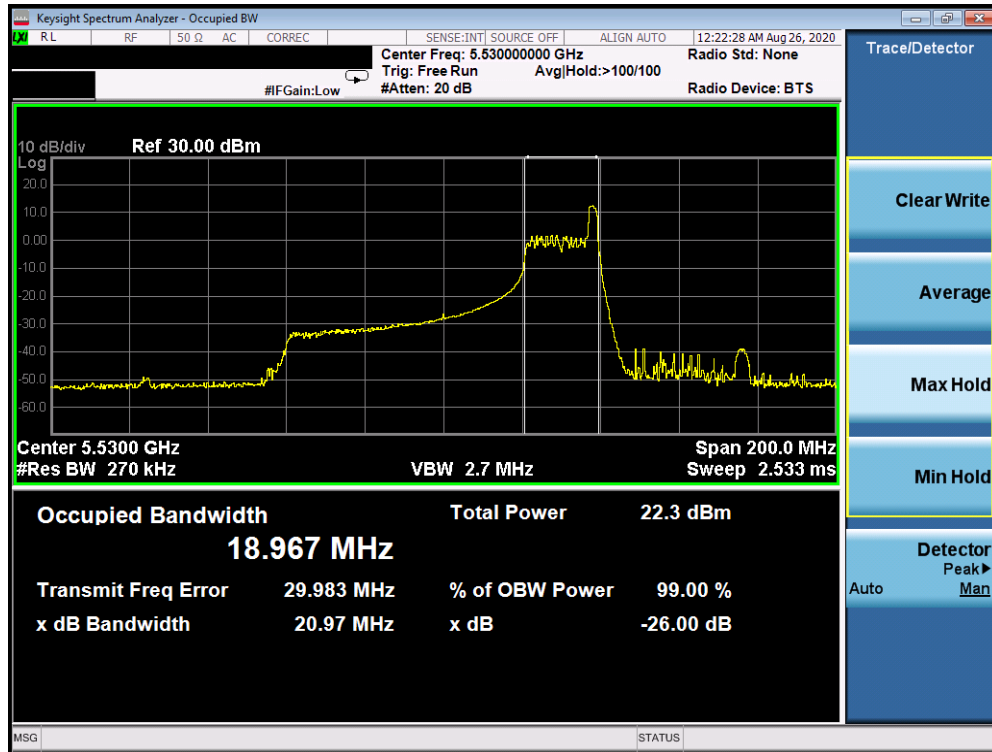


Plot 7-233. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 106)



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

FCC ID: BCGA2324		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 138 of 958

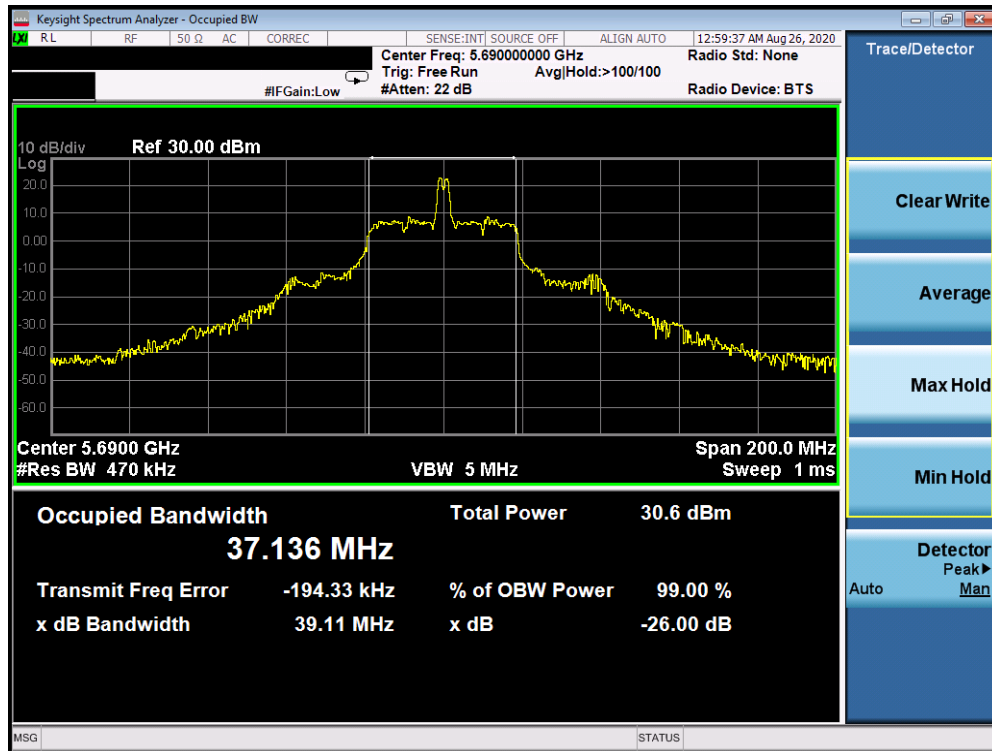


Plot 7-235. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2C) – Ch. 106)

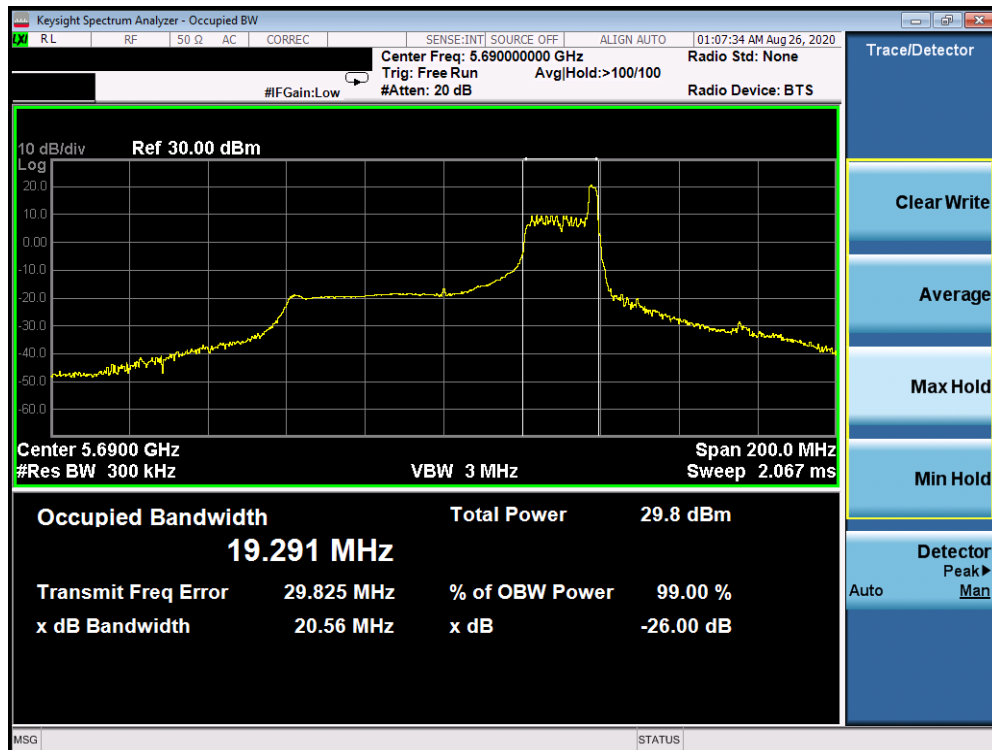


Plot 7-236. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 138)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 139 of 958

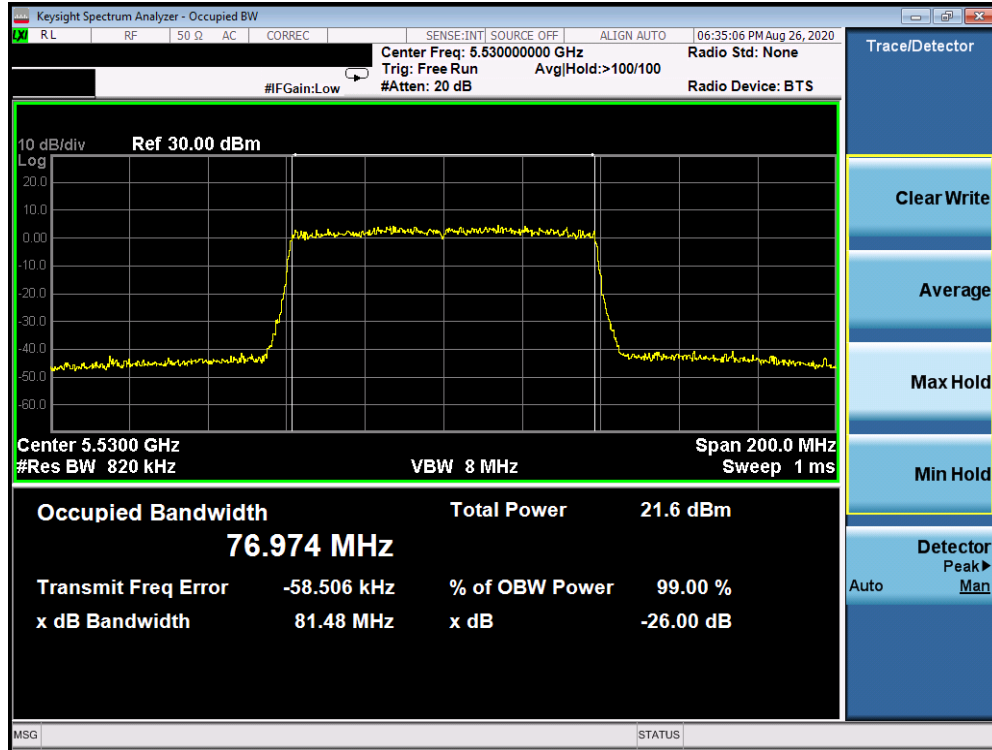


Plot 7-237. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 2C) – Ch. 138)

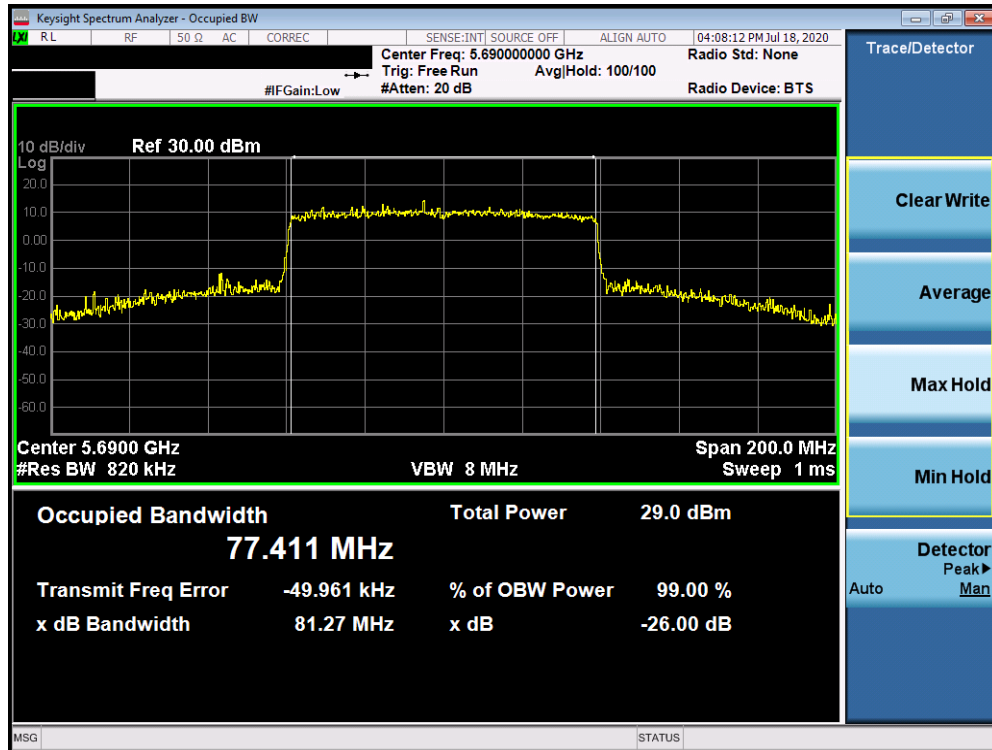


Plot 7-238. 26dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2C) – Ch. 138)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 140 of 958



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



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

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 141 of 958

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

Test Overview and Limit

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

In the 5.725 – 5.850GHz band, the 6dB bandwidth must be ≥ 500 kHz.

Test Procedure Used

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

Test Settings

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

Test Setup

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



Figure 7-2. Test Instrument & Measurement Setup

Test Notes

1. All antenna configurations were investigated and only the worst case is reported
2. All RU's were investigated and only worst case partially-loaded and fully-loaded RU's were reported.

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 142 of 958

Antenna 2b 6dB Bandwidth Measurements

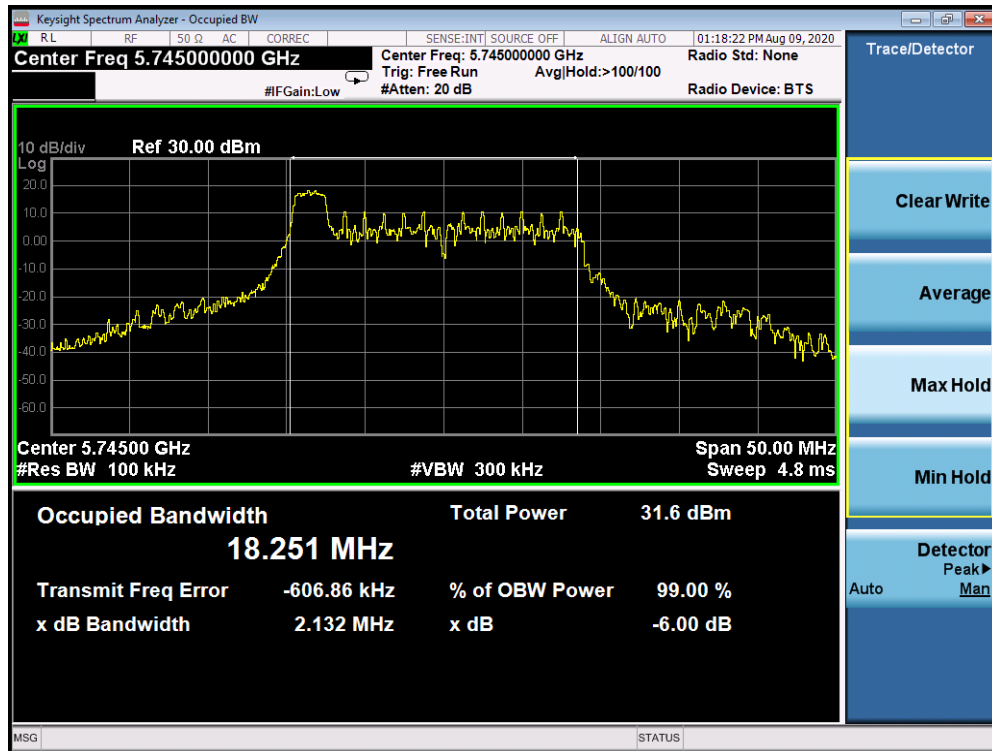
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured 6dB Bandwidth [MHz]
Band 3	5745	149	ax (20MHz)	26	0	135/143.4 (MCS11)	2.13
				26	4	135/143.4 (MCS11)	2.71
				26	8	135/143.4 (MCS11)	2.12
	5785	157	ax (20MHz)	26	0	135/143.4 (MCS11)	2.11
				26	4	135/143.4 (MCS11)	2.70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

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

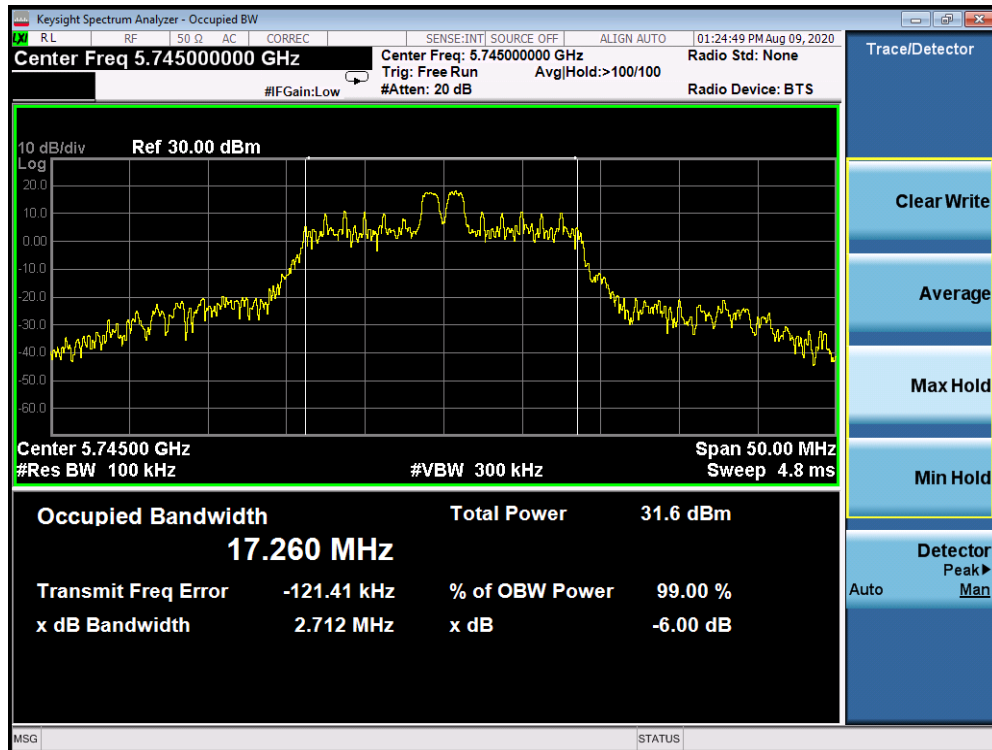
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured 6dB Bandwidth [MHz]
Band 3	5745	149	ax (20MHz)	242	61	135/143.4 (MCS11)	19.06
	5785	157	ax (20MHz)	242	61	135/143.4 (MCS11)	19.09
	5825	165	ax (20MHz)	242	61	135/143.4 (MCS11)	19.07
	5755	151	ax (40MHz)	484	65	271/286.8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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 143 of 958

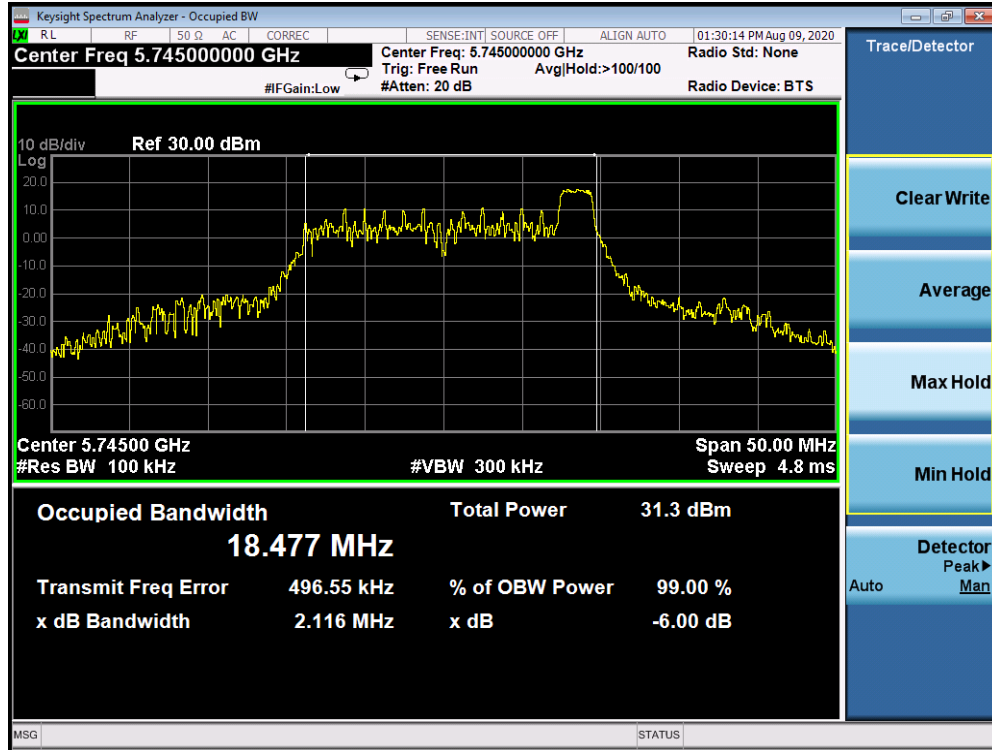


Plot 7-241. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 149)

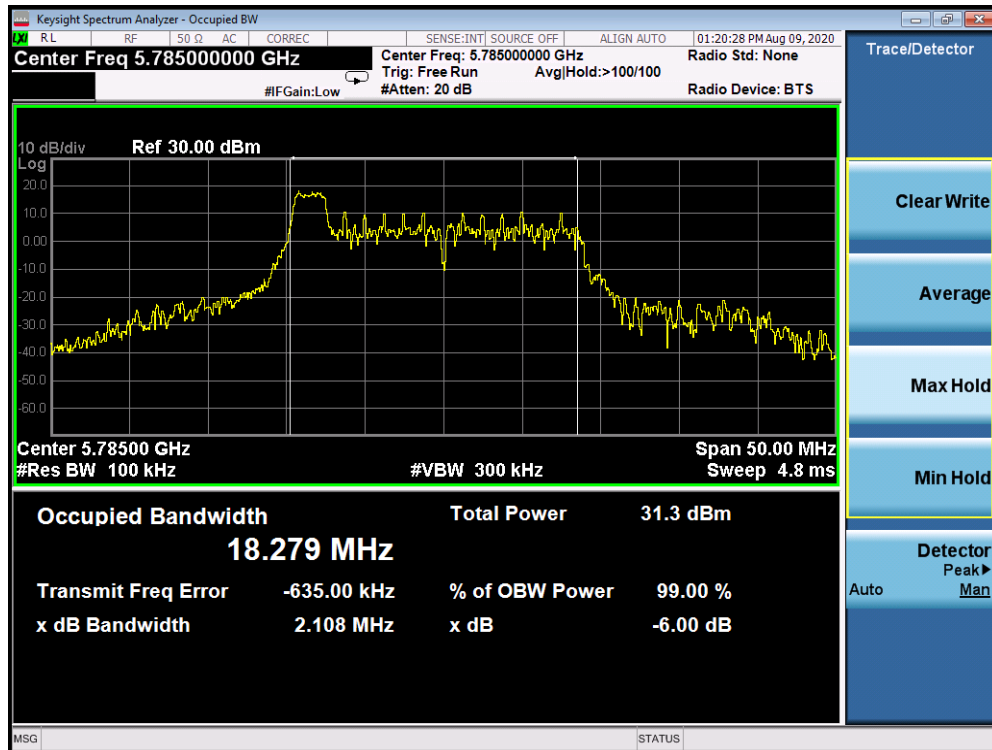


Plot 7-242. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 149)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 144 of 958

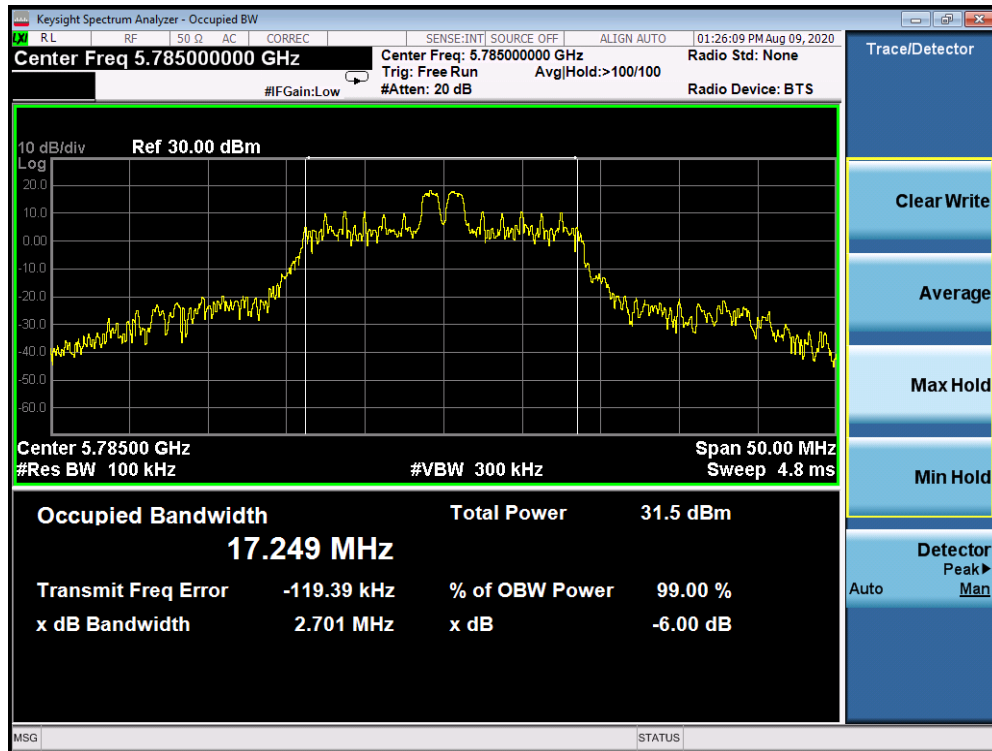


Plot 7-243. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 149)

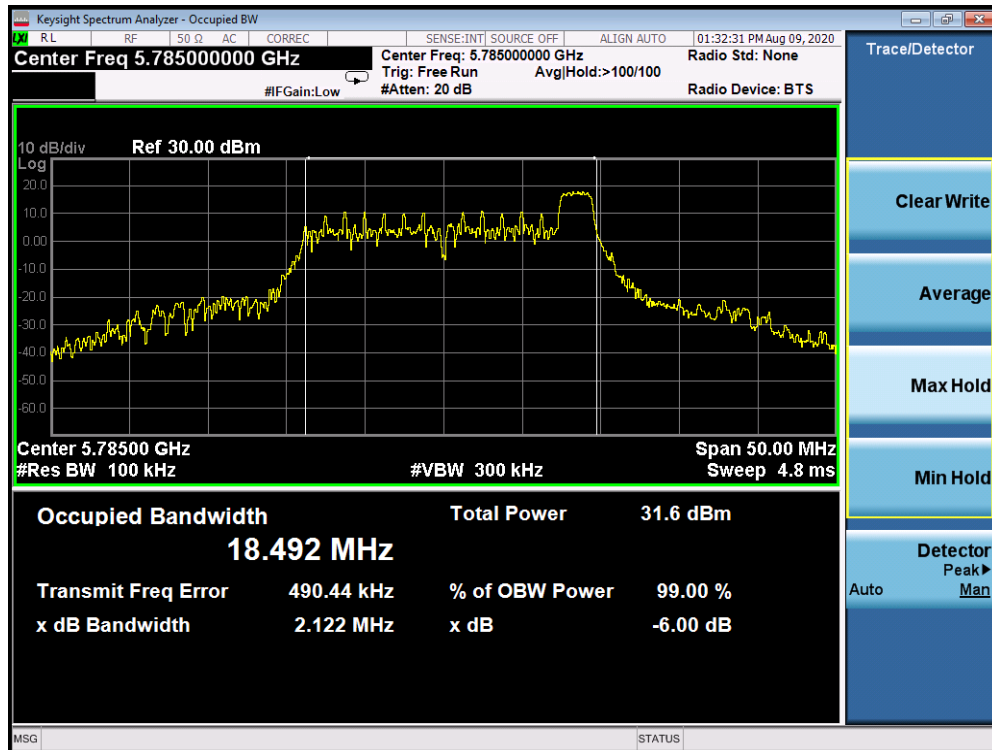


Plot 7-244. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 157)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 145 of 958

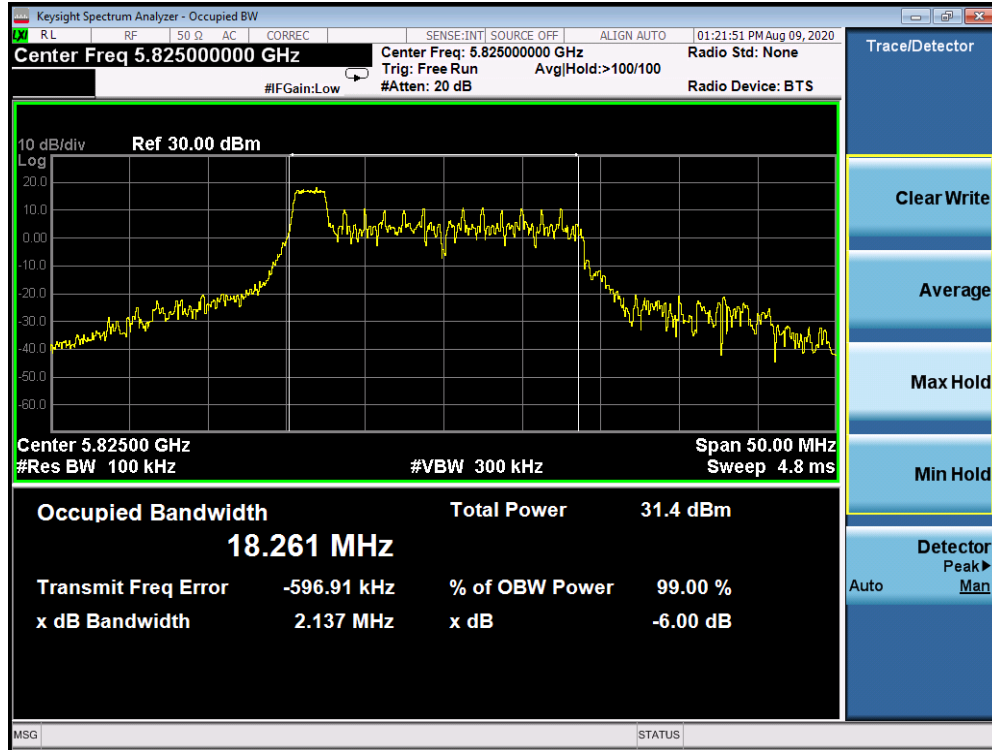


Plot 7-245. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 157)

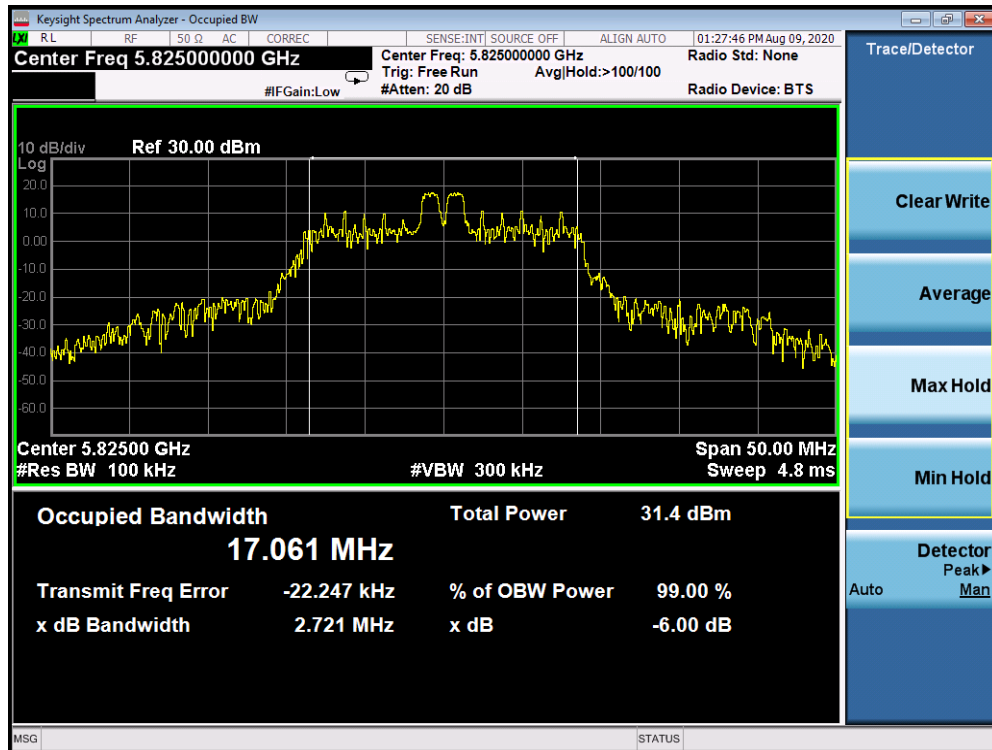


Plot 7-246. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 8– RU26 (UNII Band 3) – Ch. 157)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 146 of 958

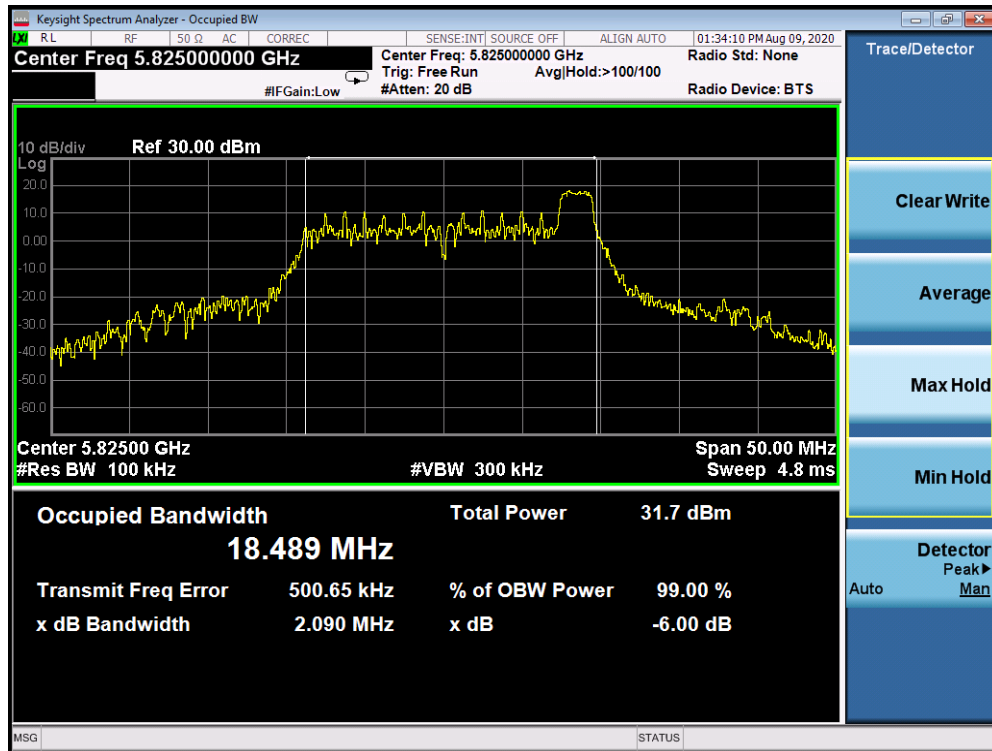


Plot 7-247. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 165)

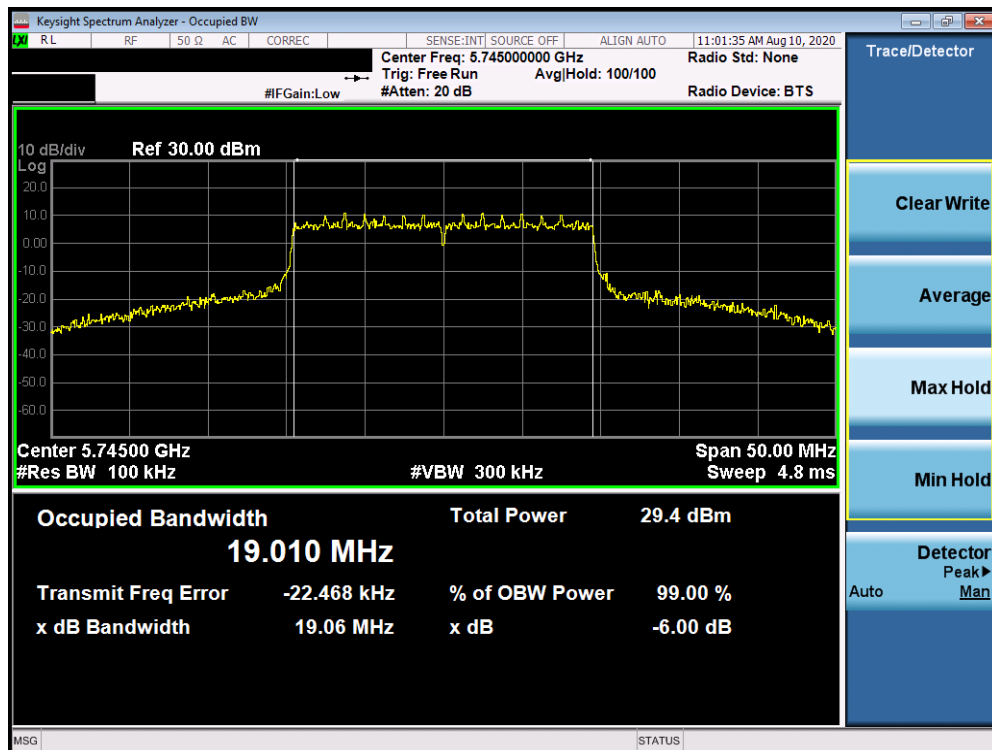


Plot 7-248. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 165)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 147 of 958

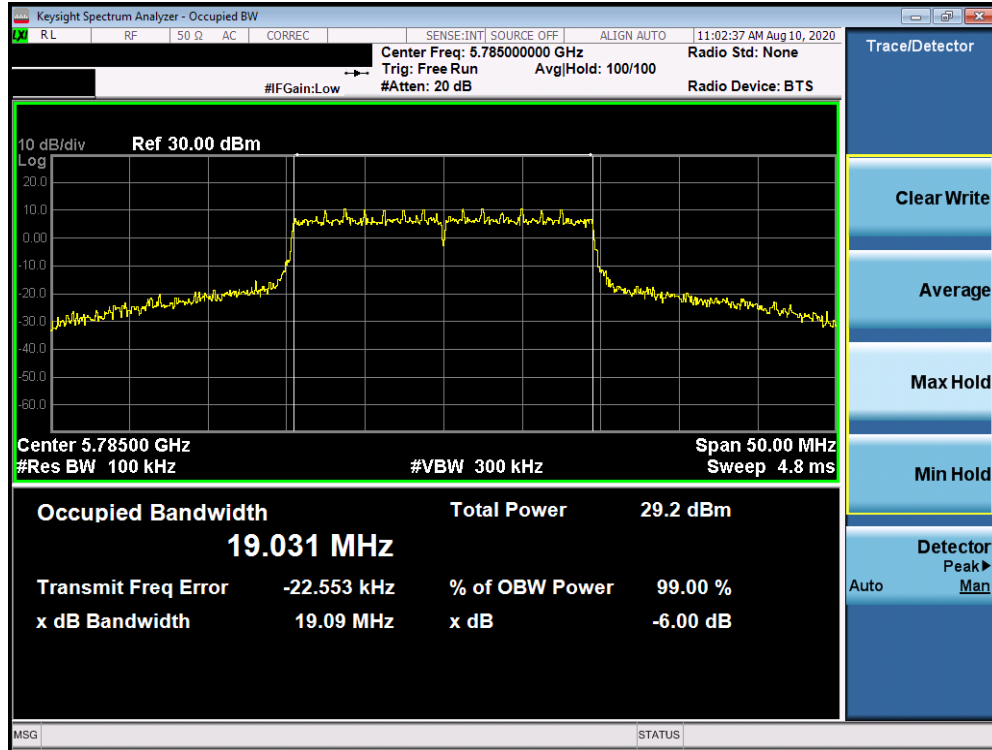


Plot 7-249. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 165)

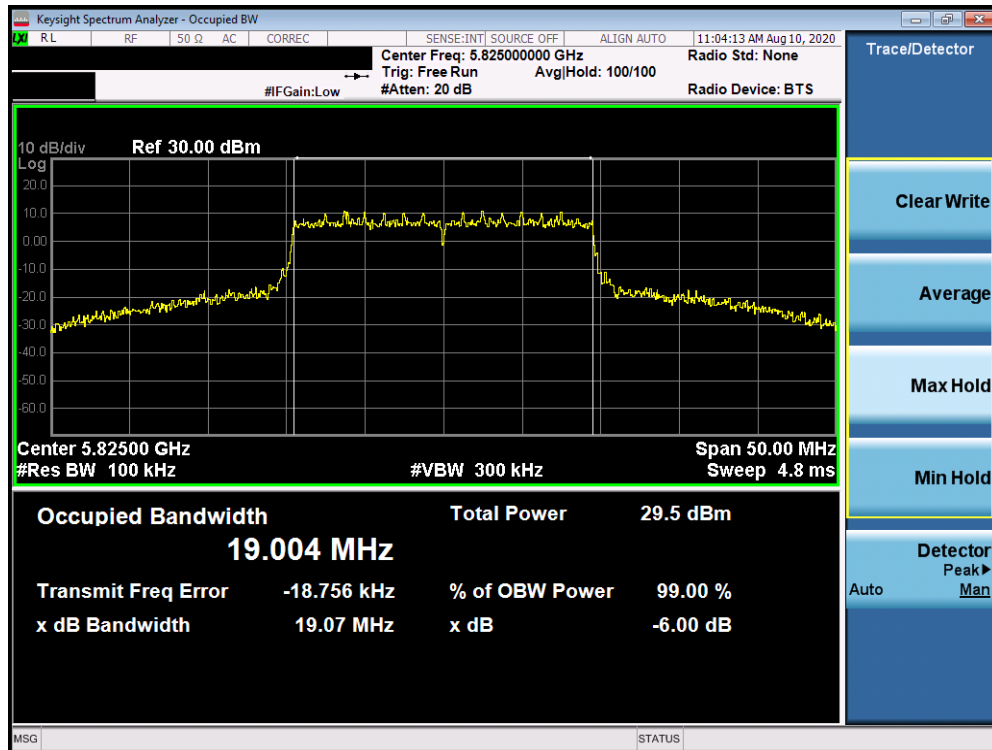


Plot 7-250. 6dB Bandwidth Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 149)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 148 of 958



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



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

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 149 of 958

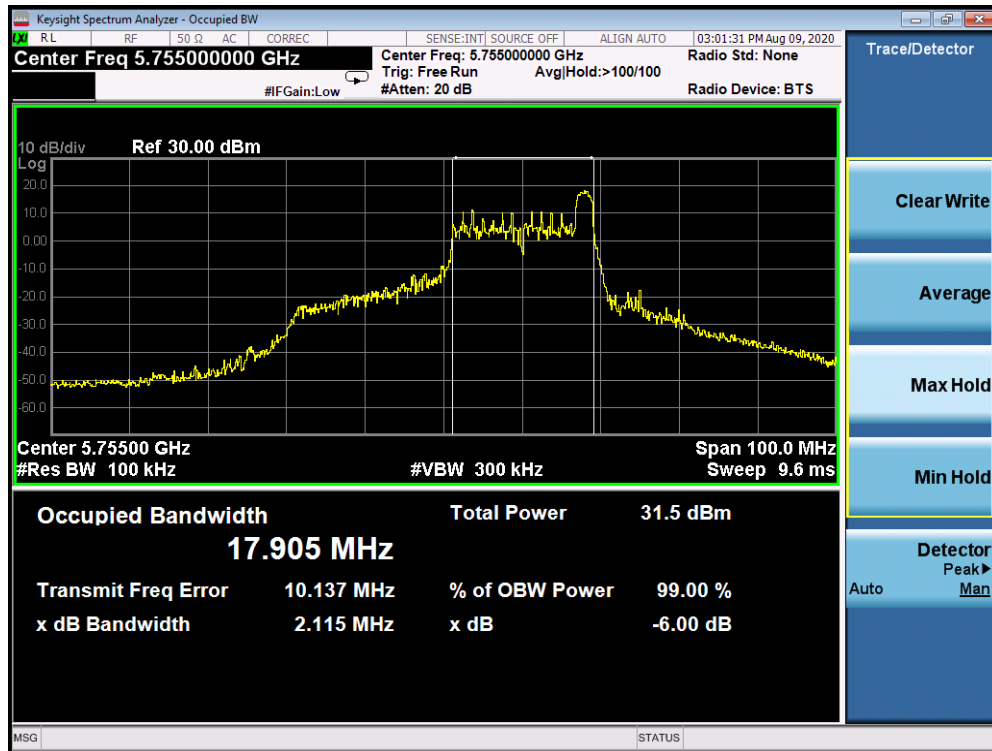


Plot 7-253. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 151)



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

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 150 of 958

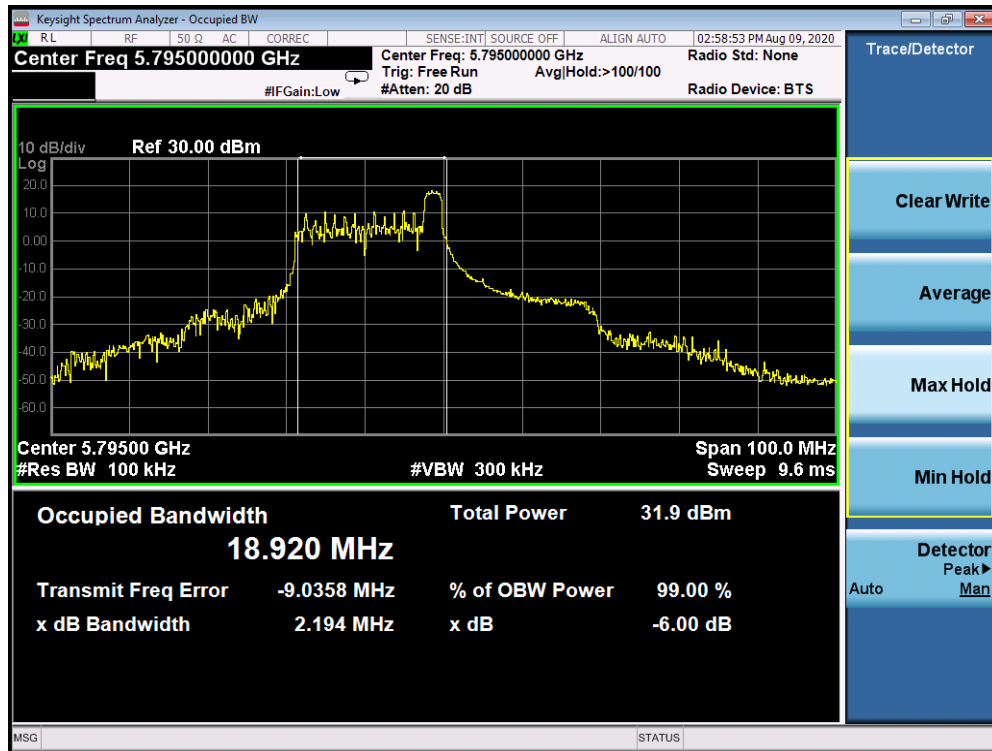


Plot 7-255. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 151)

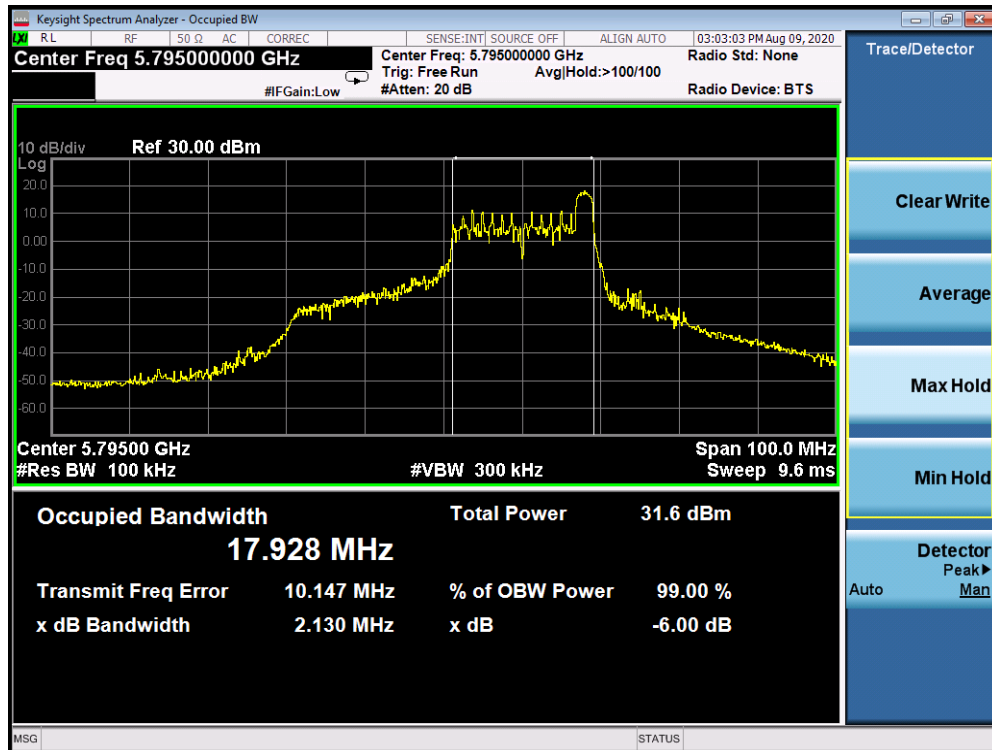


Plot 7-256. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 159)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 151 of 958

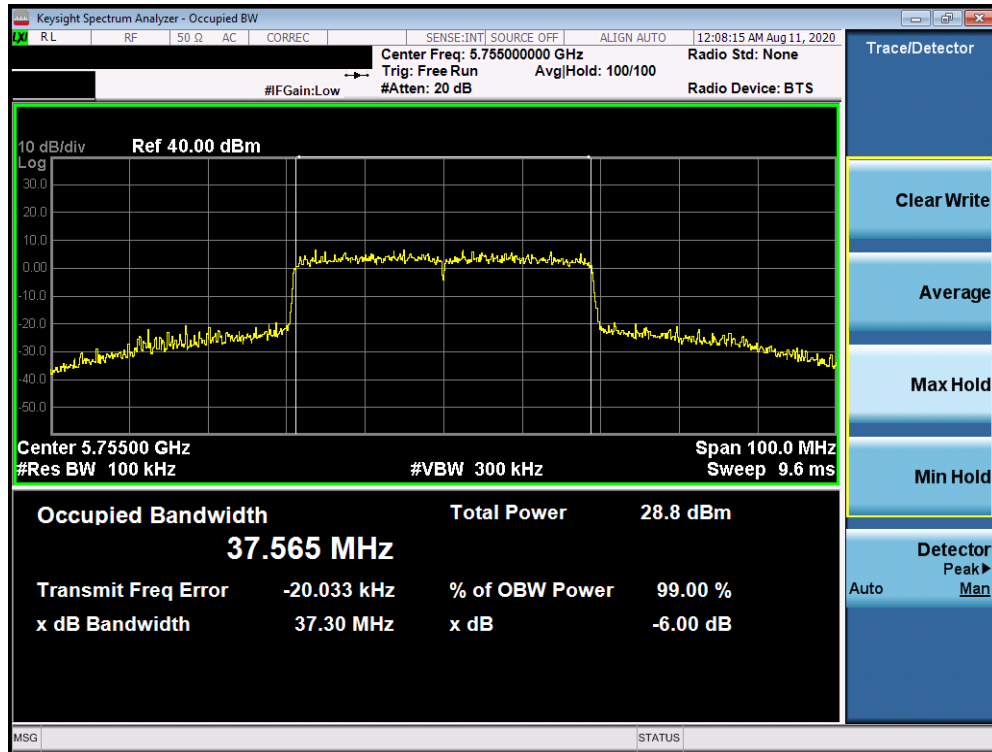


Plot 7-257. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 159)

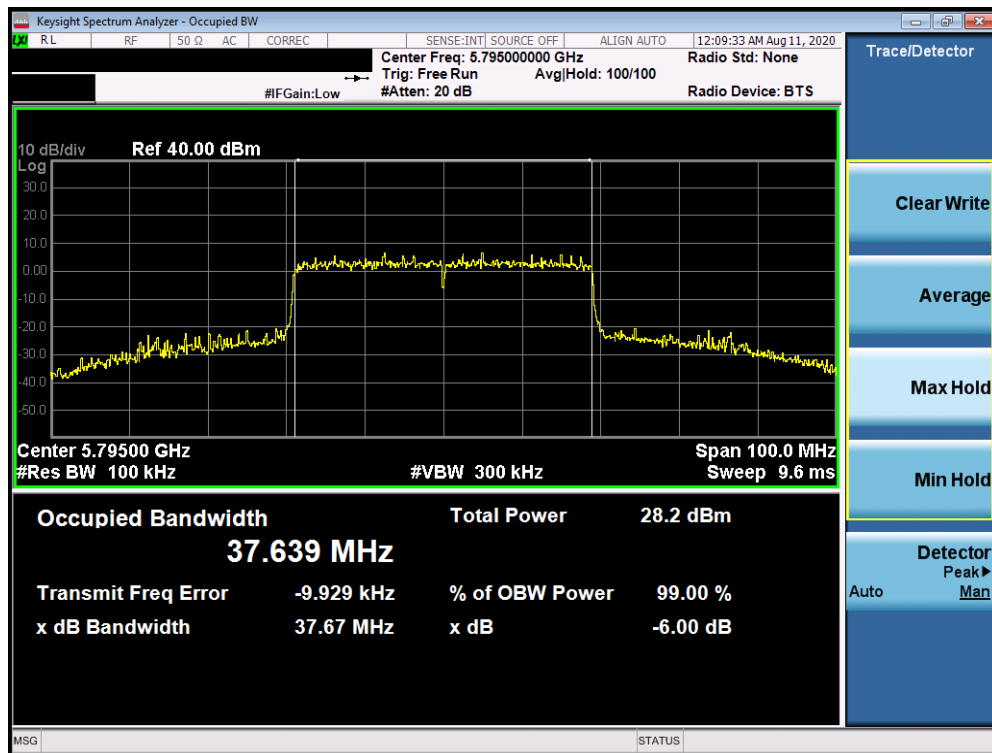


Plot 7-258. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 159)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 152 of 958

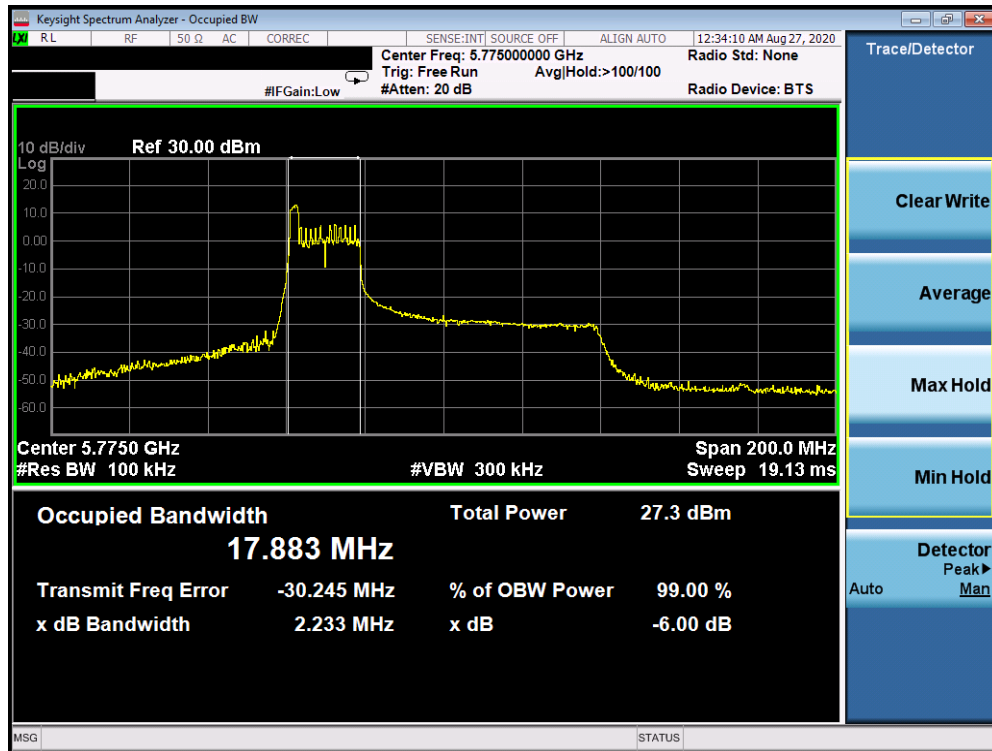


Plot 7-259. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 151)

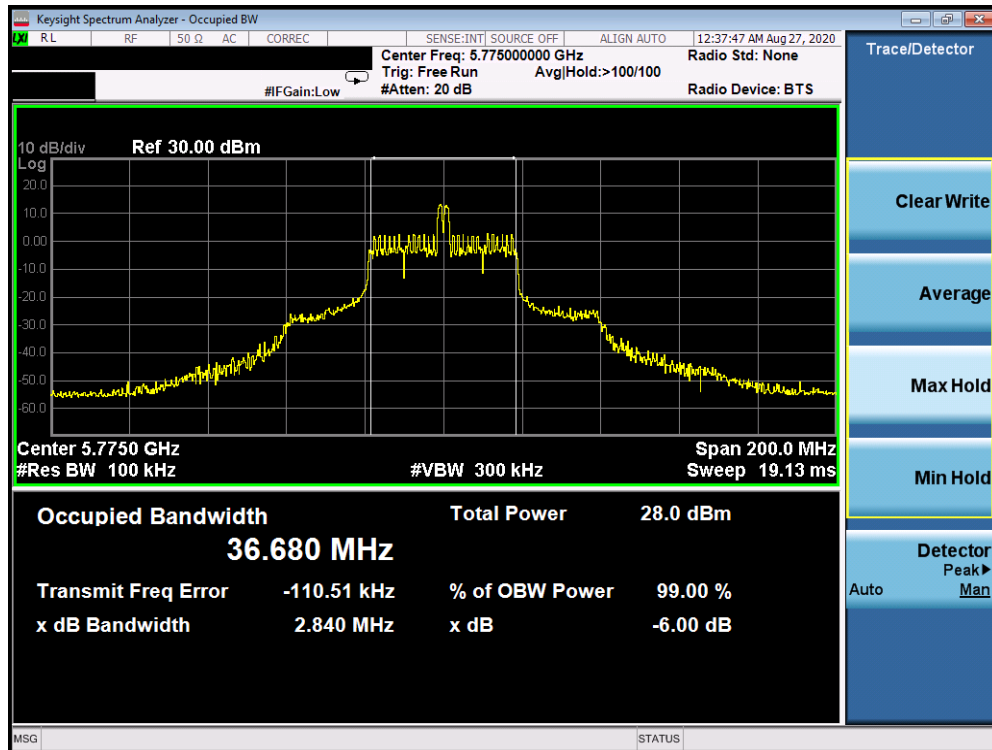


Plot 7-260. 6dB Bandwidth Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 159)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 153 of 958

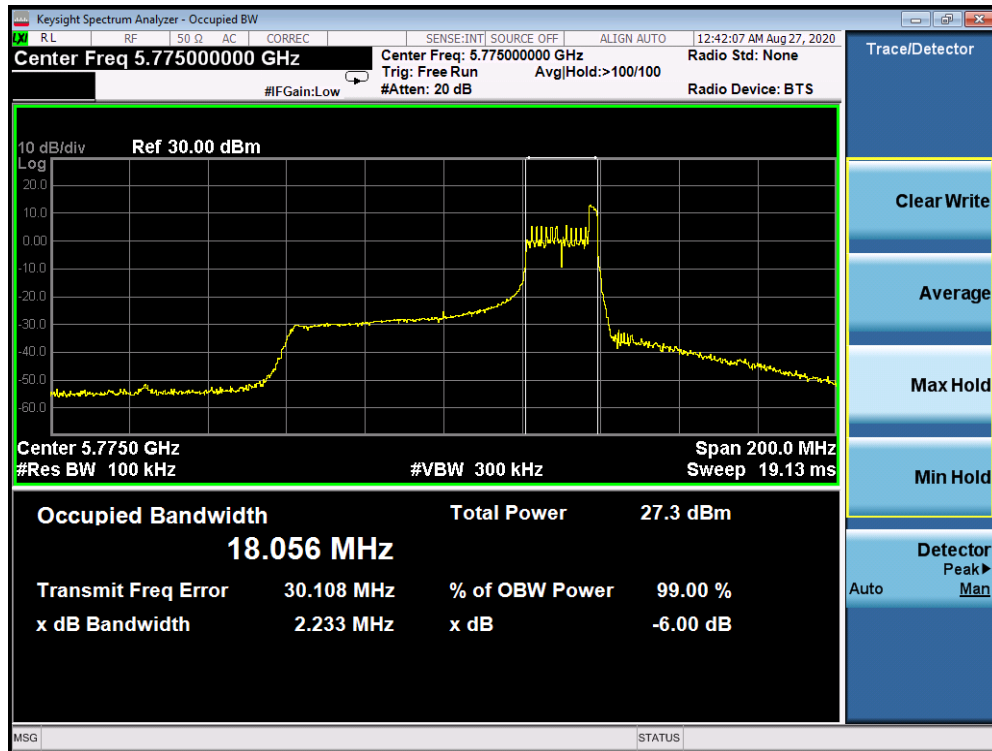


Plot 7-261. 6dB Bandwidth Plot Antenna 2b (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 155)

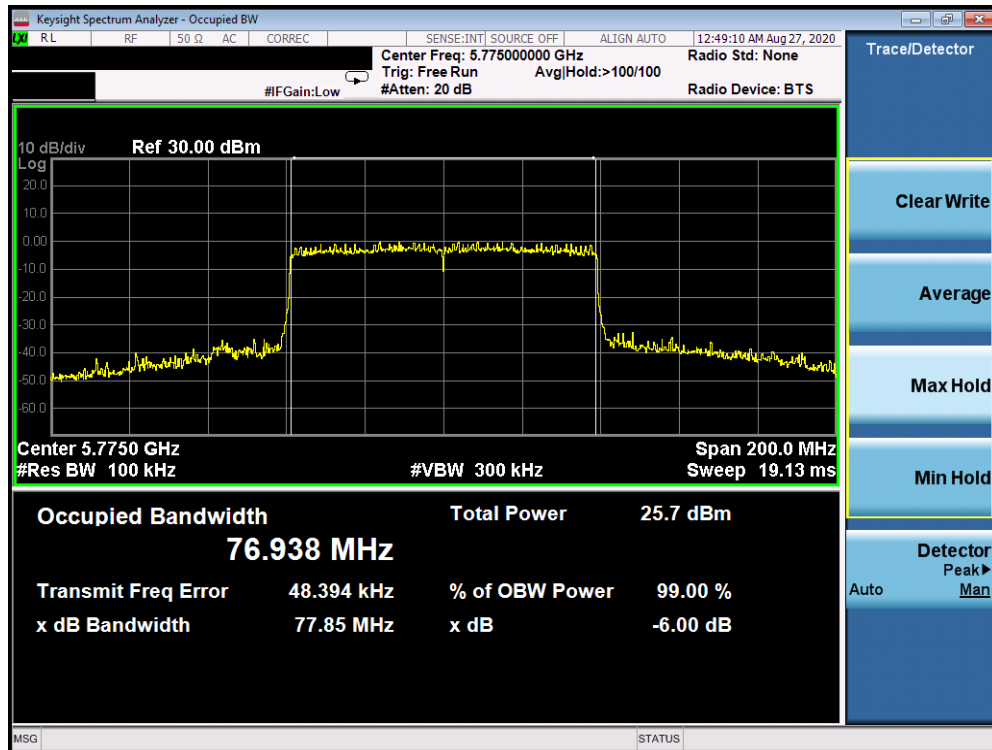


Plot 7-262. 6dB Bandwidth Plot Antenna 2b (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 3) – Ch. 155)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 154 of 958



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



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

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 155 of 958

Antenna 2a 6dB Bandwidth Measurements

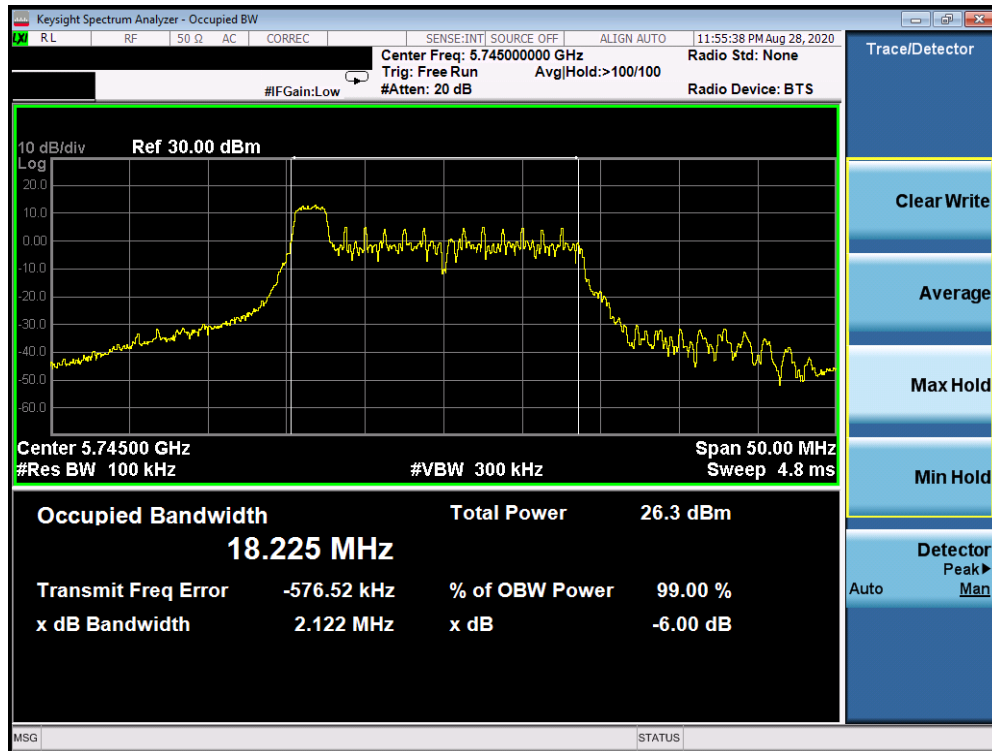
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured 6dB Bandwidth [MHz]
Band 3	5745	149	ax (20MHz)	26	0	135/143.4 (MCS11)	2.12
				26	4	135/143.4 (MCS11)	2.71
				26	8	135/143.4 (MCS11)	2.10
	5785	157	ax (20MHz)	26	0	135/143.4 (MCS11)	2.14
				26	4	135/143.4 (MCS11)	2.70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

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

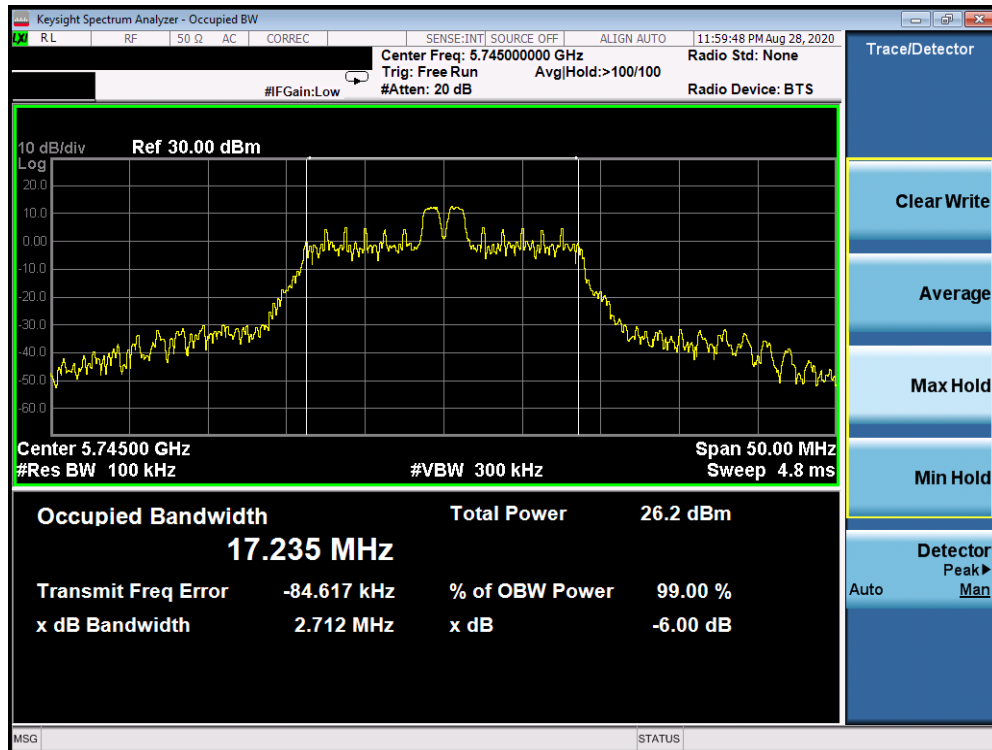
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured 6dB Bandwidth [MHz]
Band 3	5745	149	ax (20MHz)	242	61	135/143.4 (MCS11)	18.96
	5785	157	ax (20MHz)	242	61	135/143.4 (MCS11)	19.10
	5825	165	ax (20MHz)	242	61	135/143.4 (MCS11)	19.13
	5755	151	ax (40MHz)	484	65	271/286.8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

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

FCC ID: BCGA2324	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 156 of 958

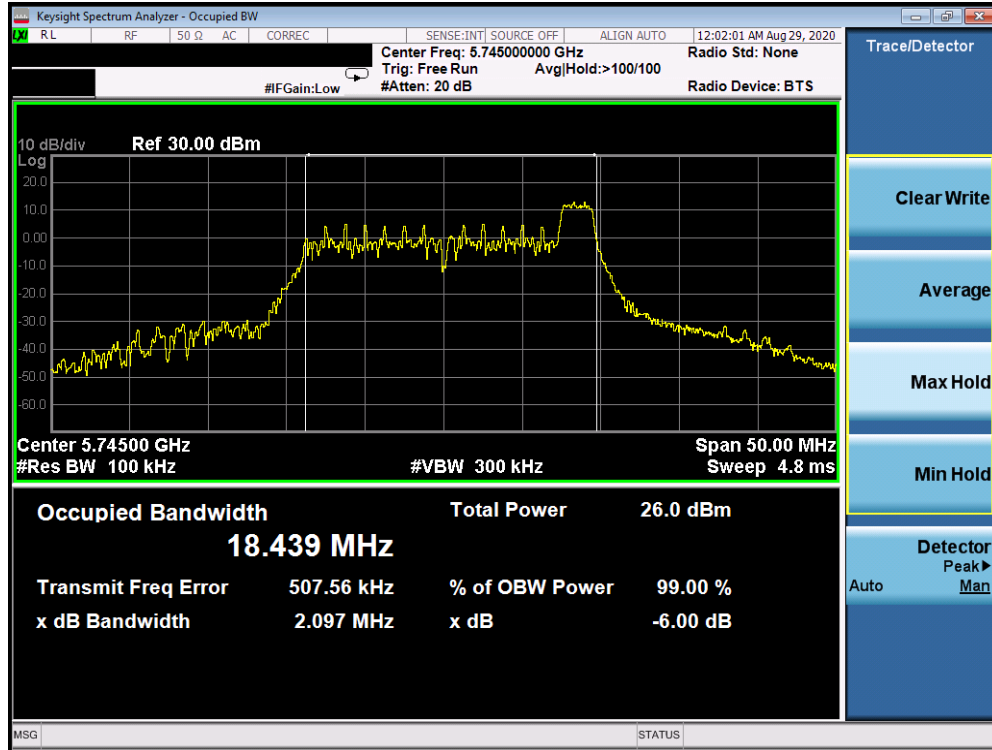


Plot 7-265. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 149)

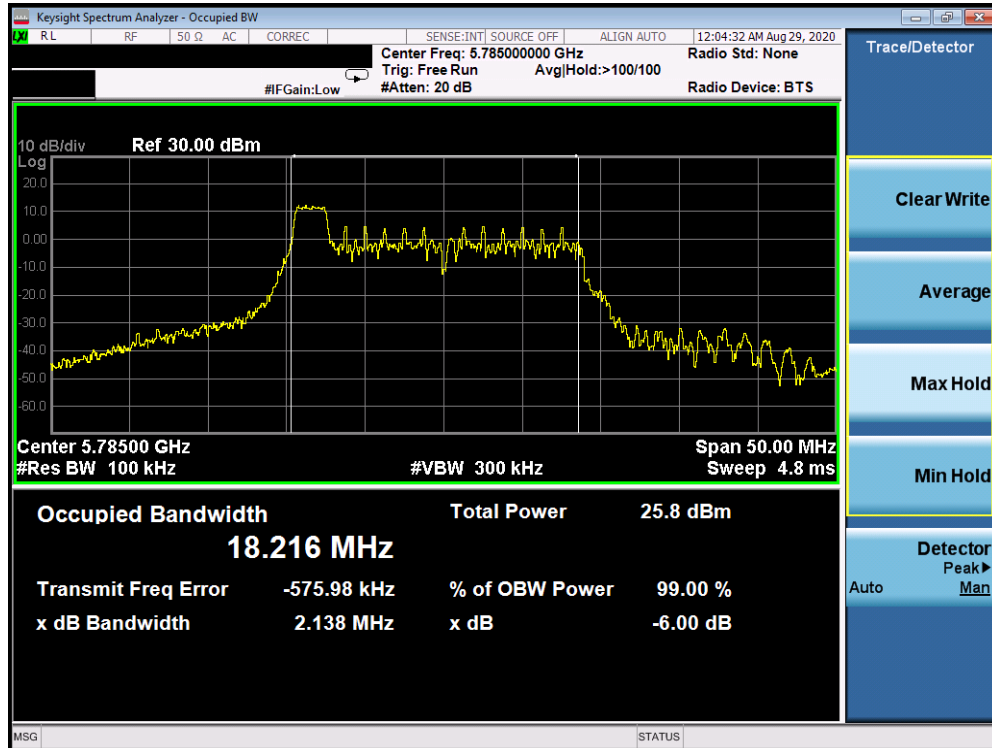


Plot 7-266. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 149)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 157 of 958

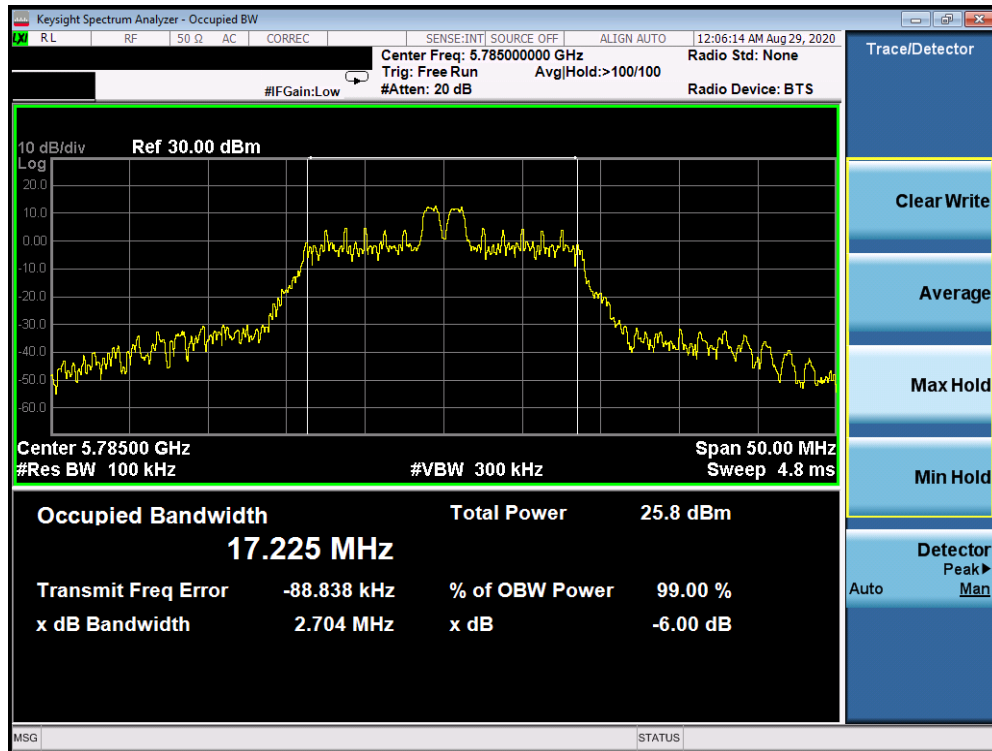


Plot 7-267. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 149)

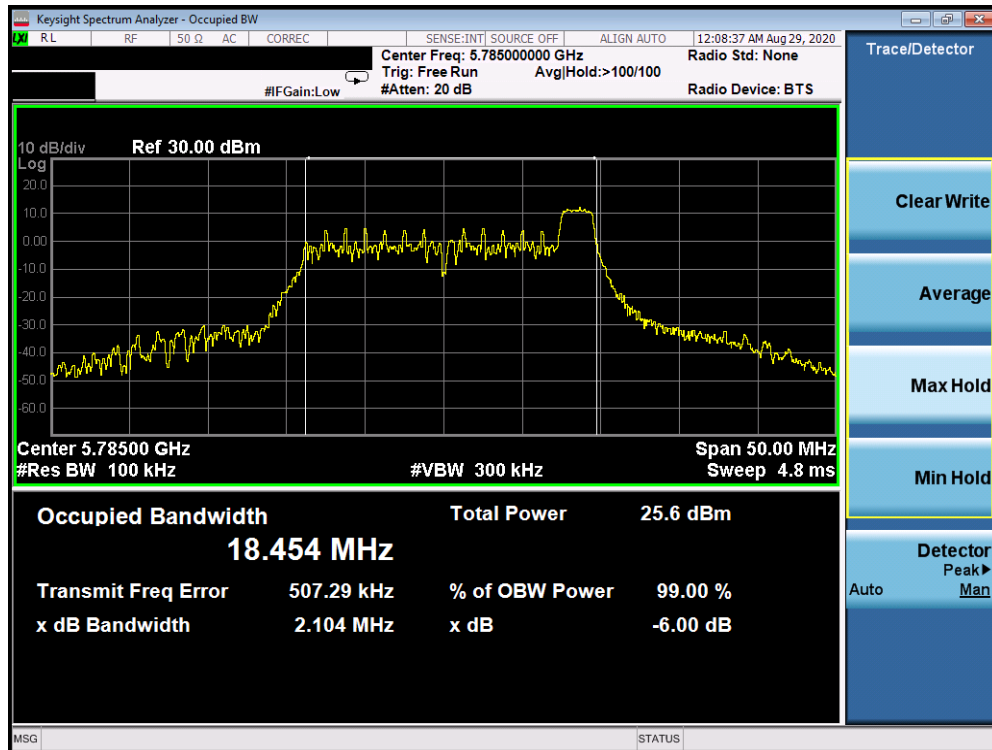


Plot 7-268. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 157)

FCC ID: BCGA2324	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 158 of 958

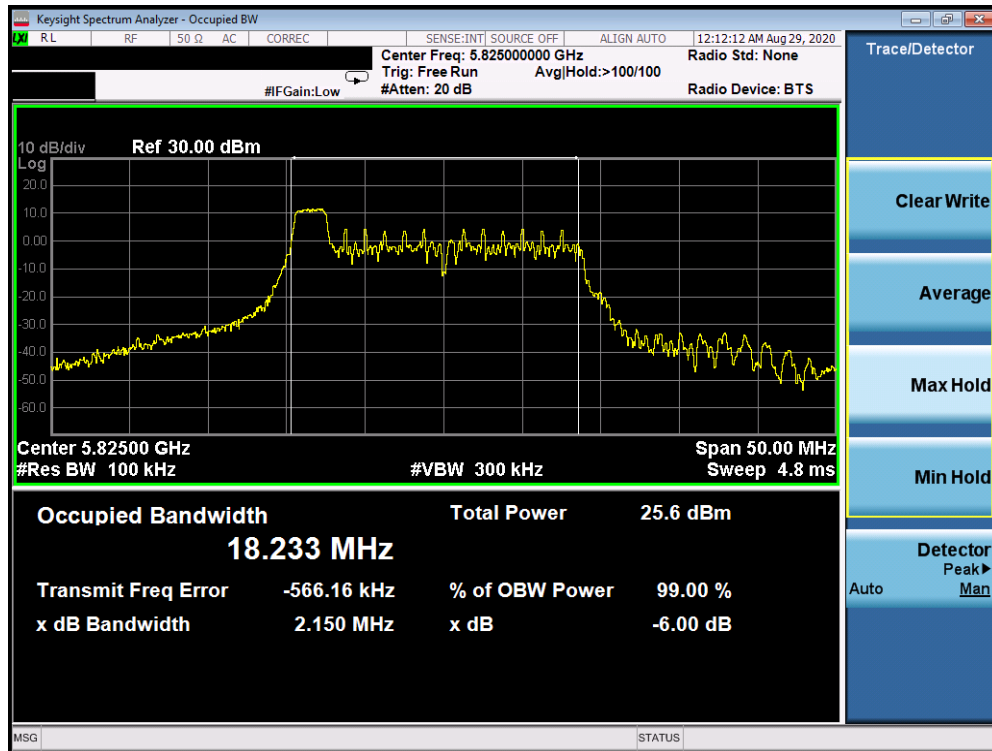


Plot 7-269. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 157)

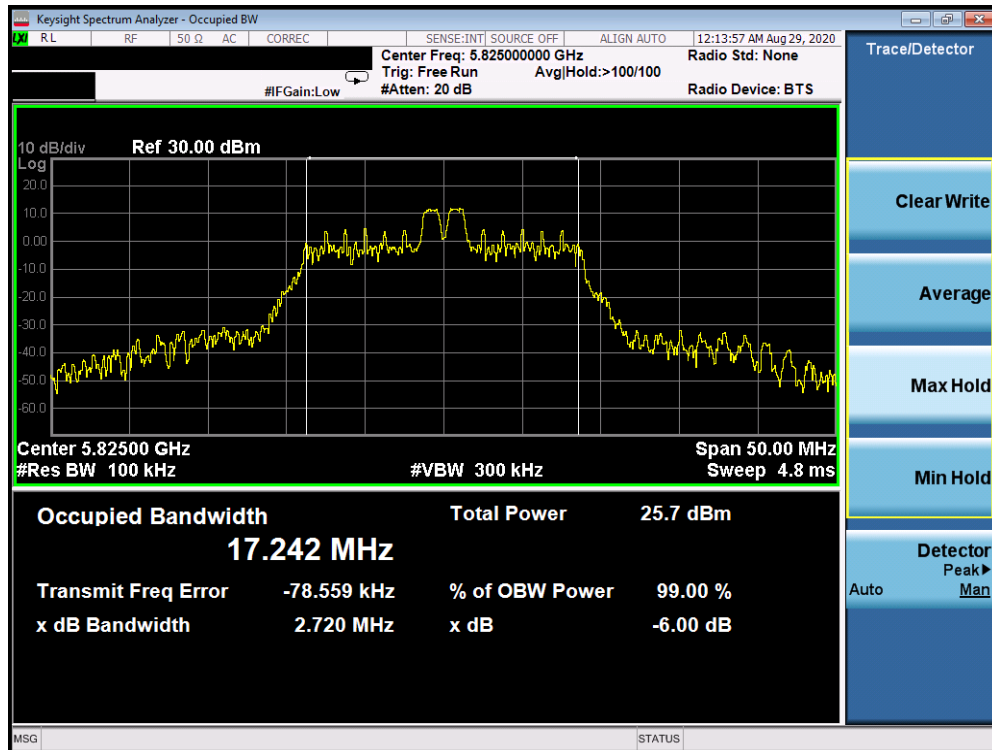


Plot 7-270. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 8– RU26 (UNII Band 3) – Ch. 157)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 159 of 958

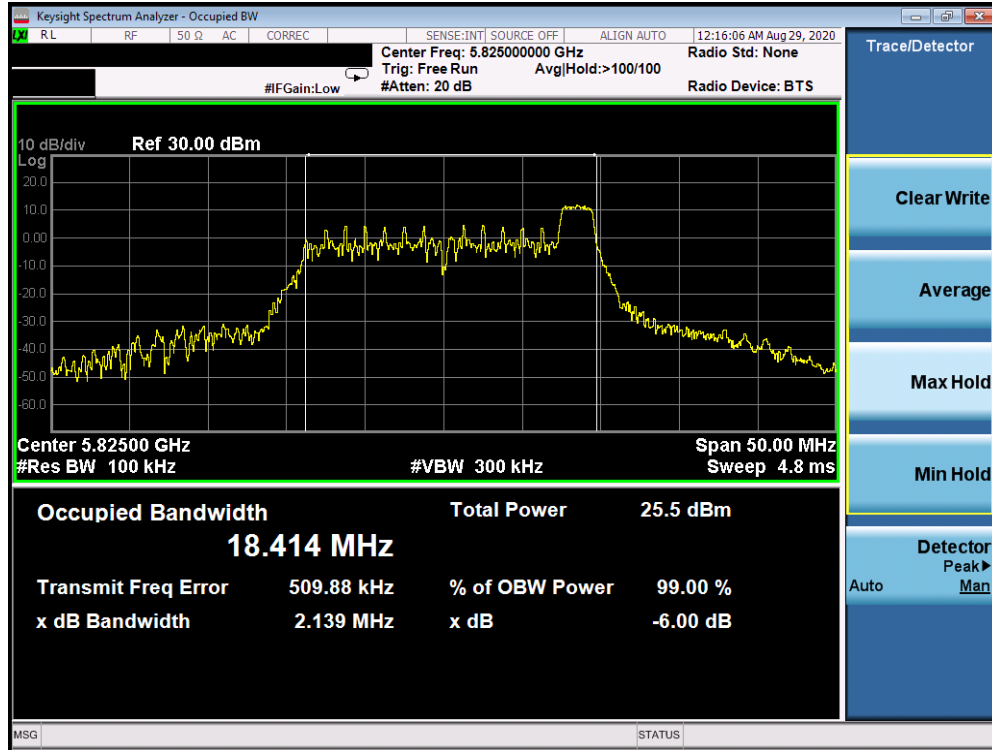


Plot 7-271. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 165)

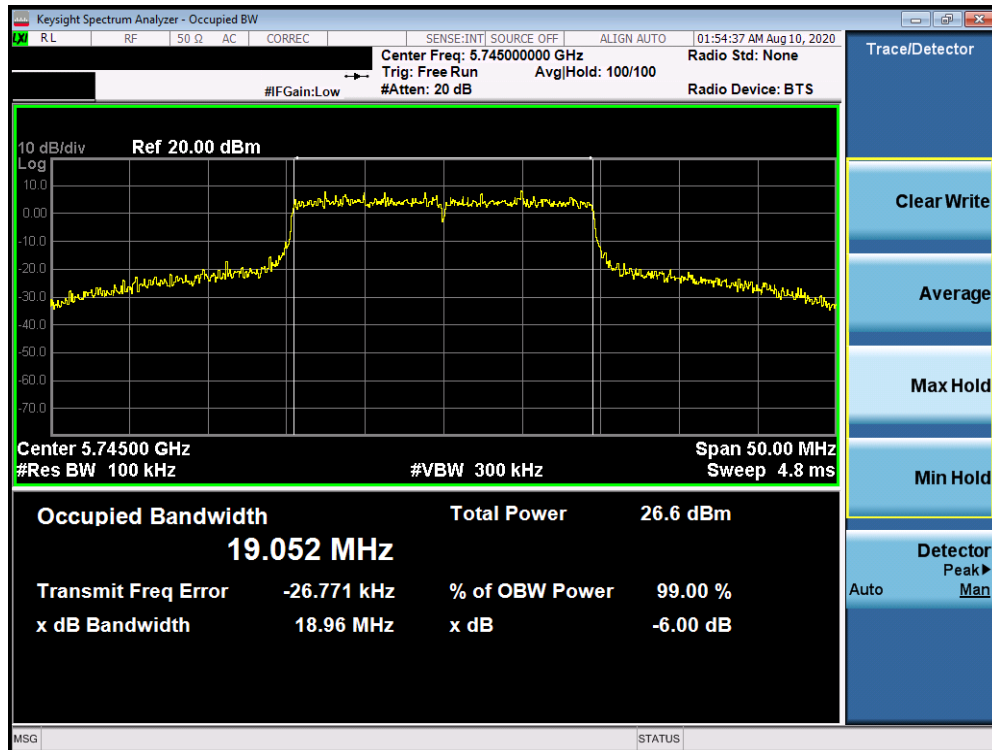


Plot 7-272. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 165)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 160 of 958

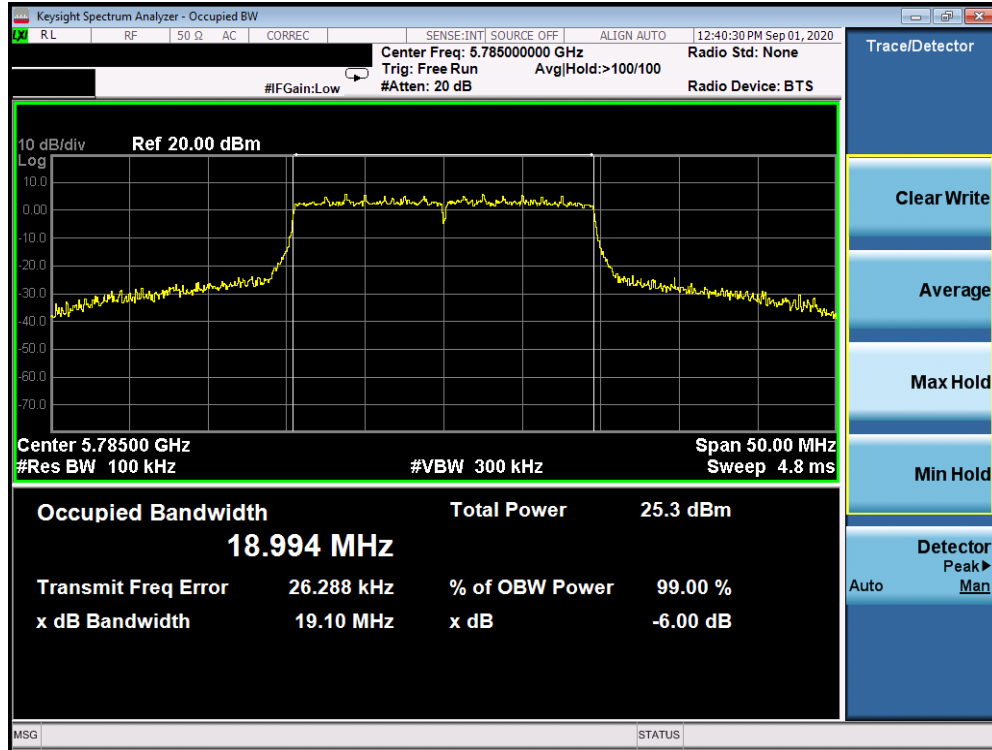


Plot 7-273. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 165)

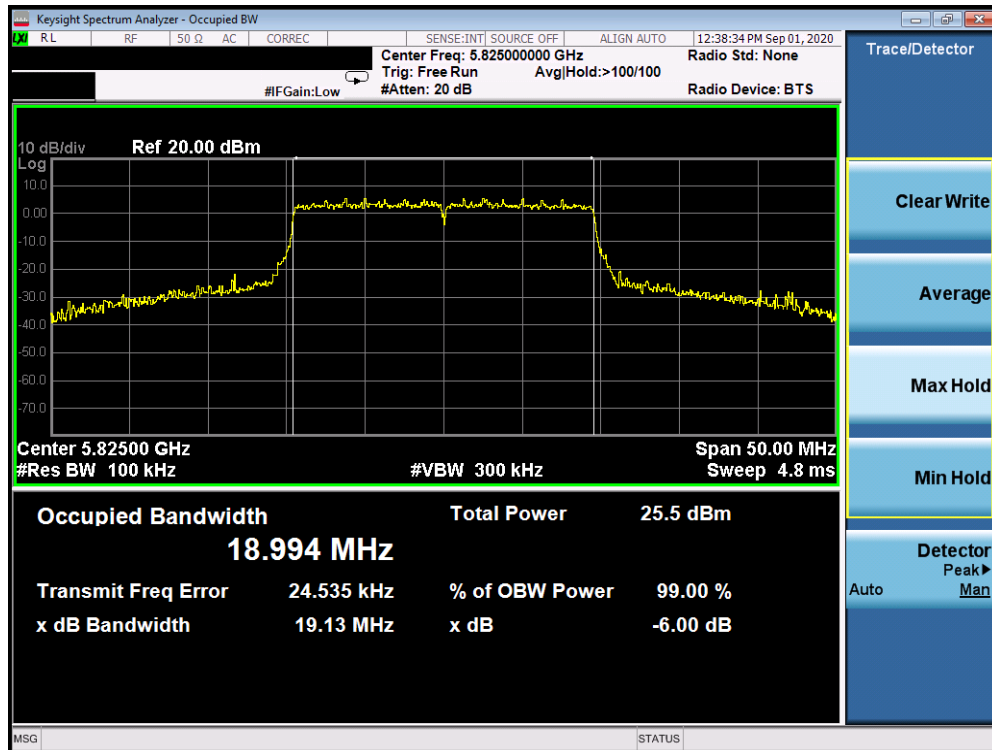


Plot 7-274. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 149)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 161 of 958

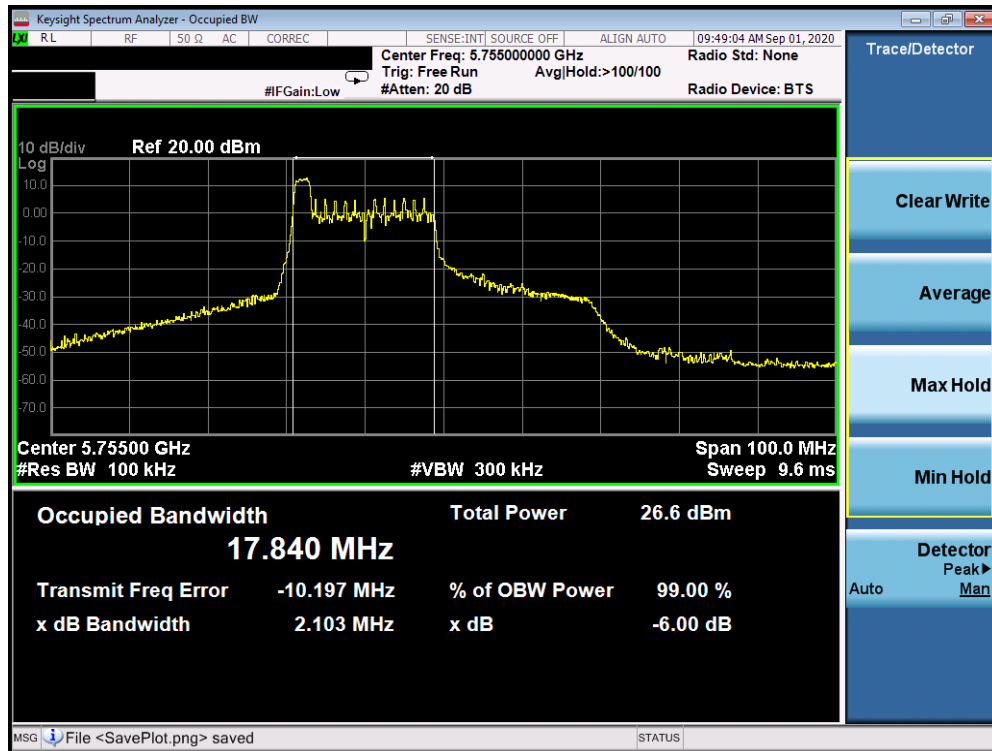


Plot 7-275. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax- RU242 (UNII Band 3) – Ch. 157)

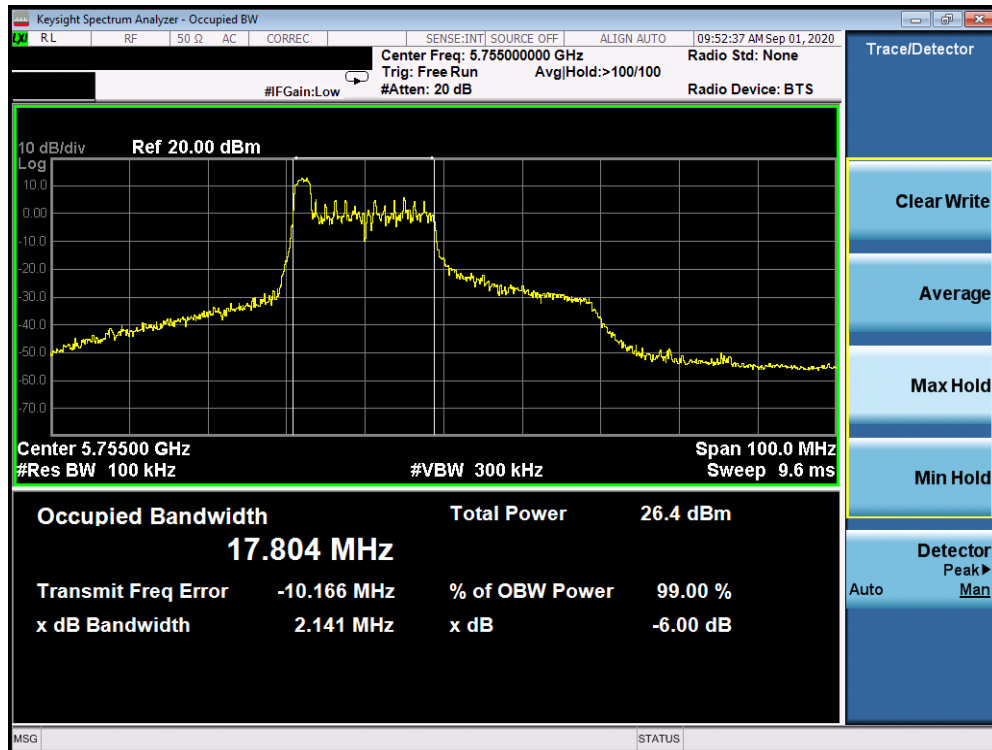


Plot 7-276. 6dB Bandwidth Plot Antenna 2a (20MHz BW 802.11ax- RU242 (UNII Band 3) – Ch. 165)

FCC ID: BCGA2324	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 162 of 958

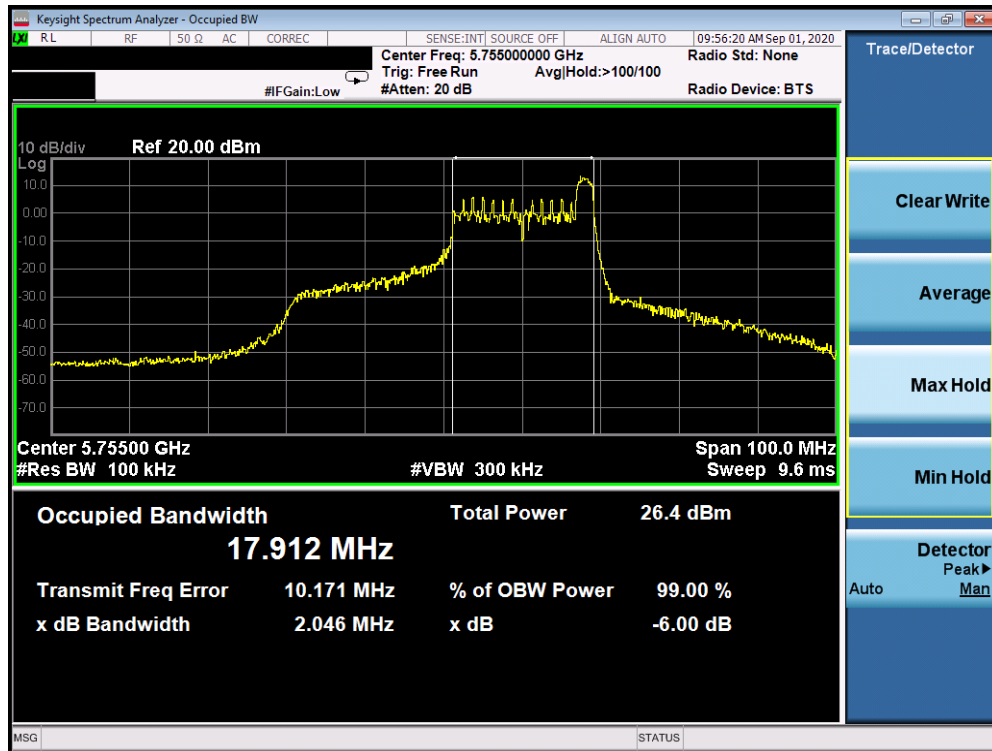


Plot 7-277. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 151)

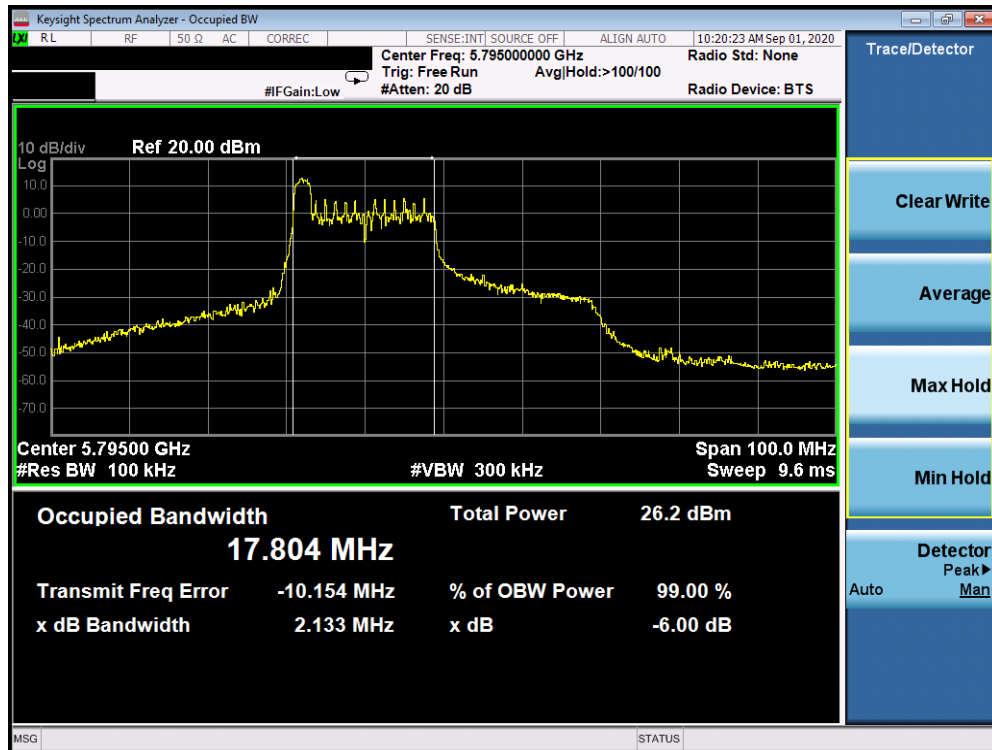


Plot 7-278. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 151)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 163 of 958

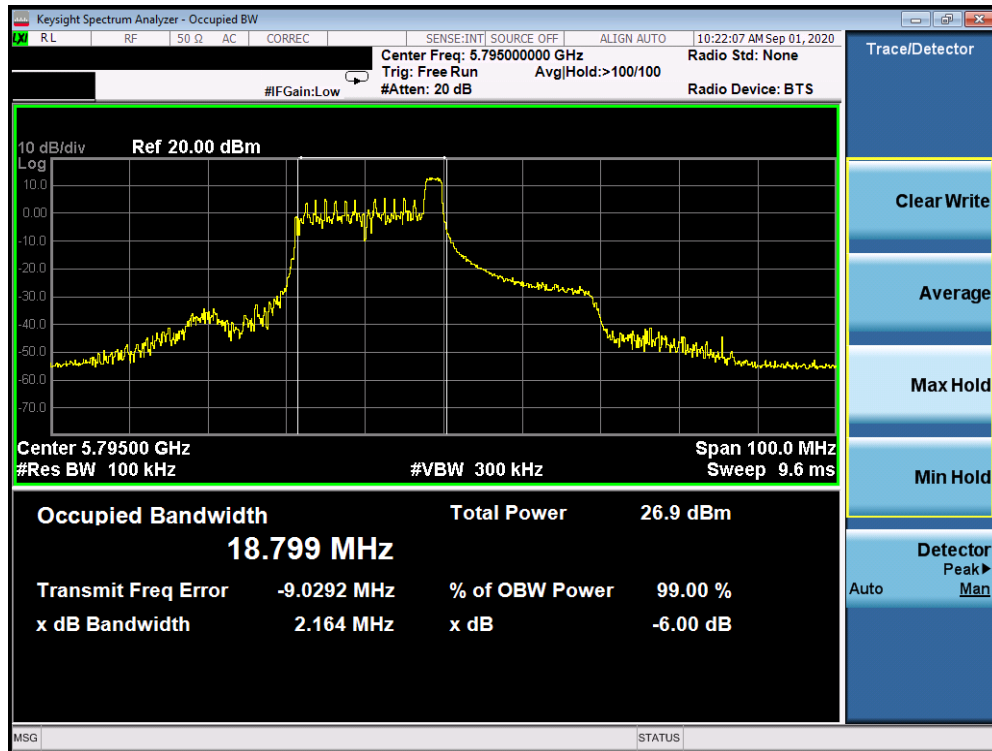


Plot 7-279. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 151)

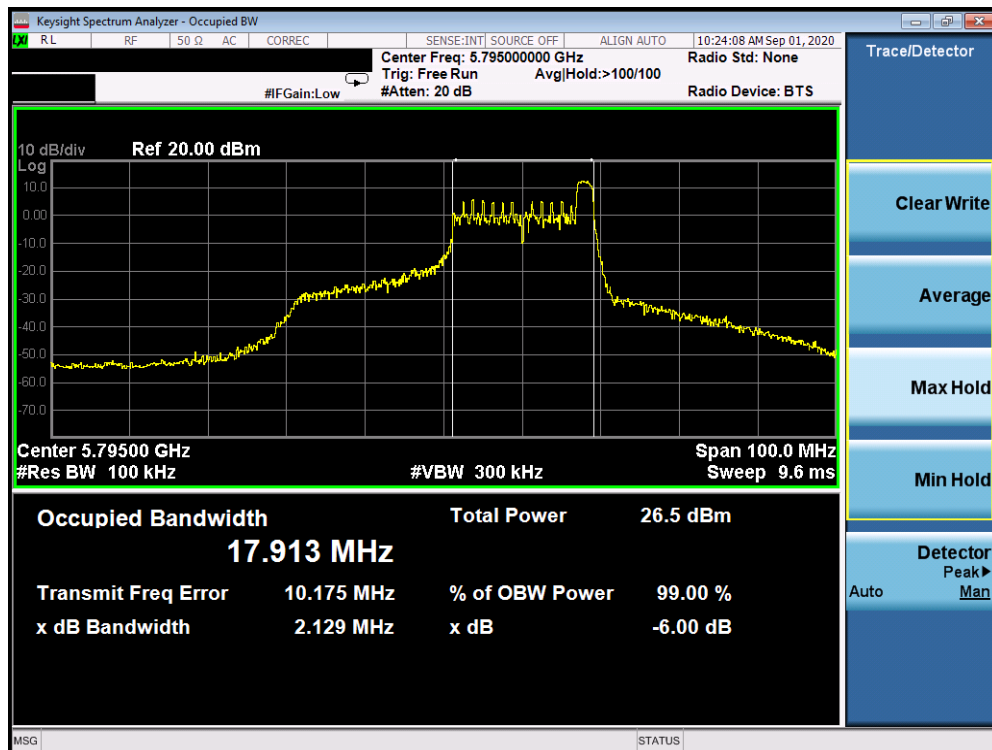


Plot 7-280. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 159)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 164 of 958

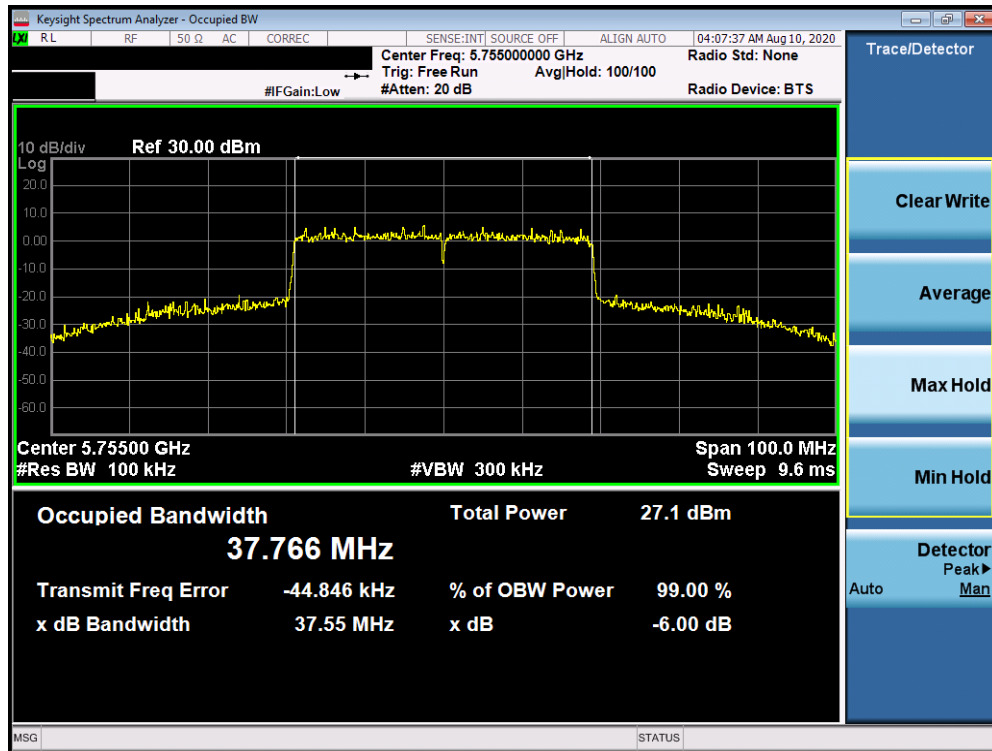


Plot 7-281. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 159)

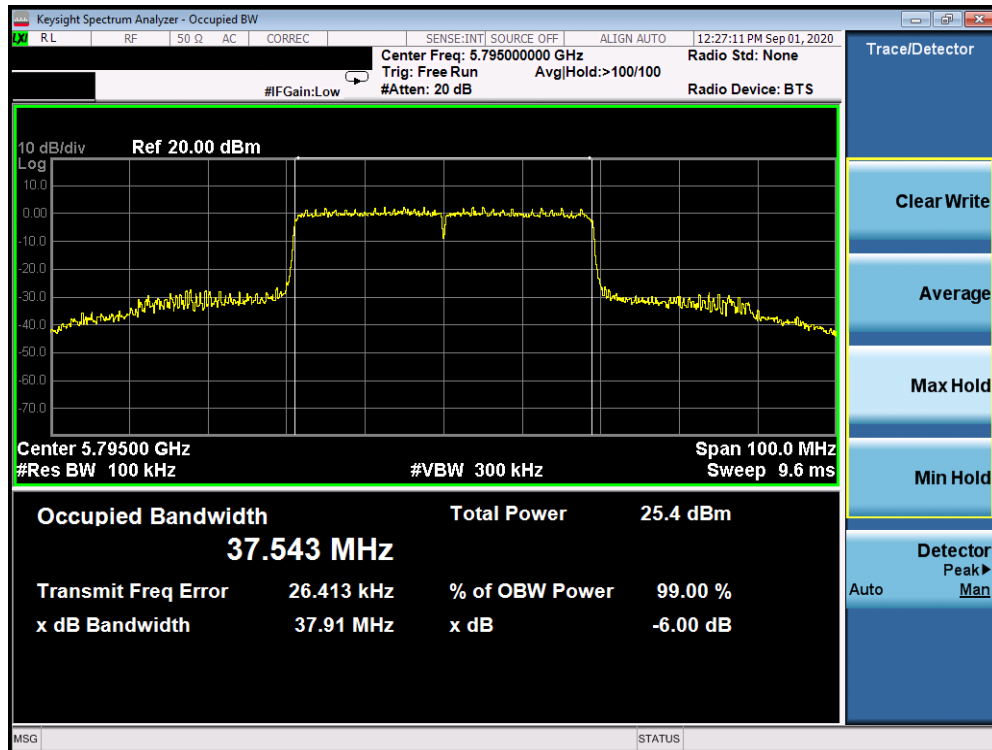


Plot 7-282. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 159)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 165 of 958



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

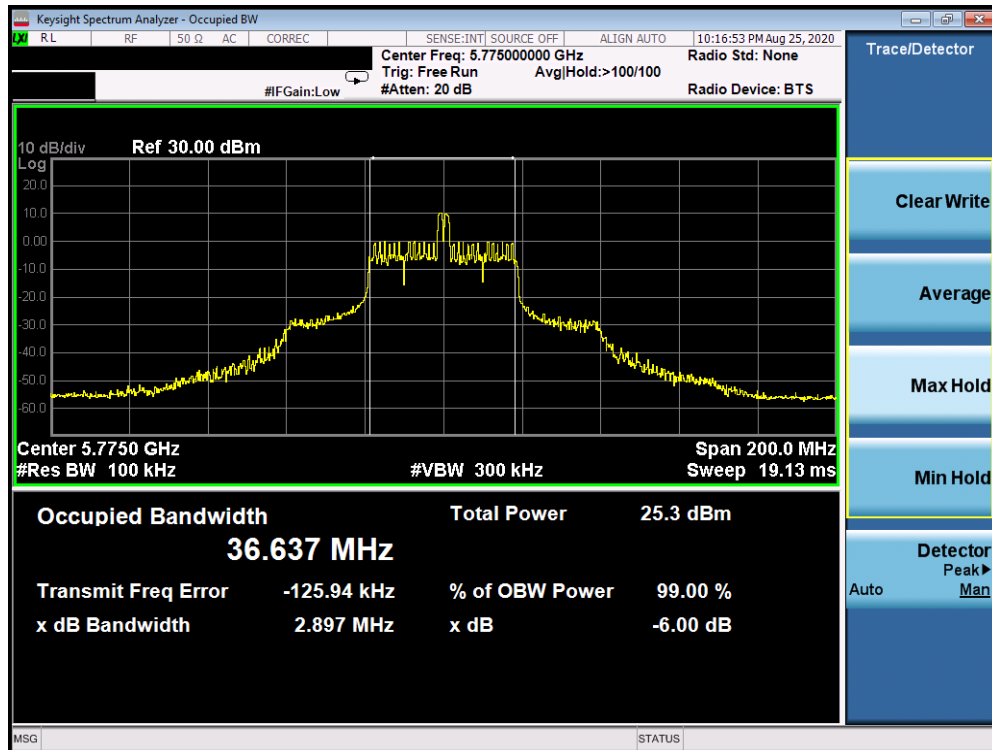


Plot 7-284. 6dB Bandwidth Plot Antenna 2a (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 159)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 166 of 958

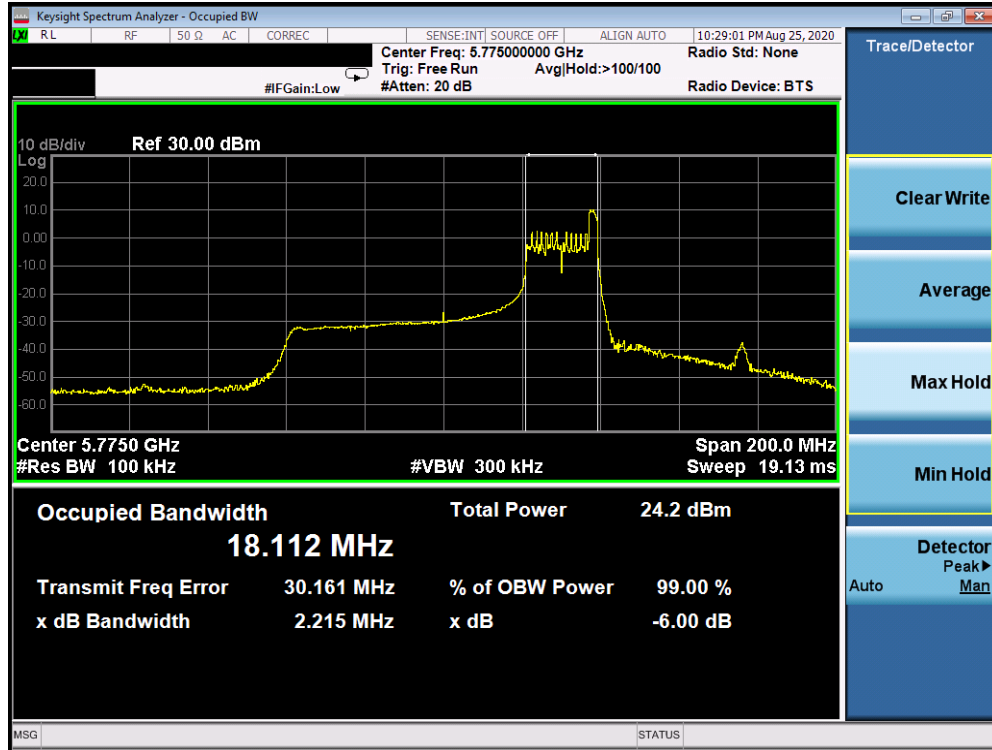


Plot 7-285. 6dB Bandwidth Plot Antenna 2a (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 155)

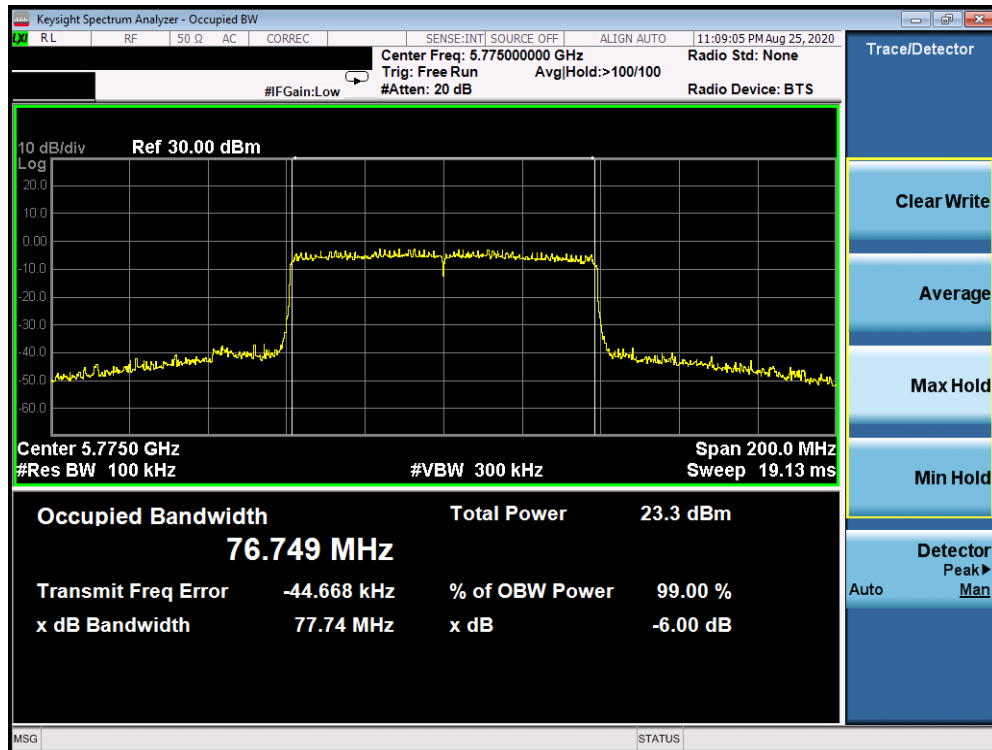


Plot 7-286. 6dB Bandwidth Plot Antenna 2a (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 3) – Ch. 155)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 167 of 958



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



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

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 168 of 958

Antenna 1b 6dB Bandwidth Measurements

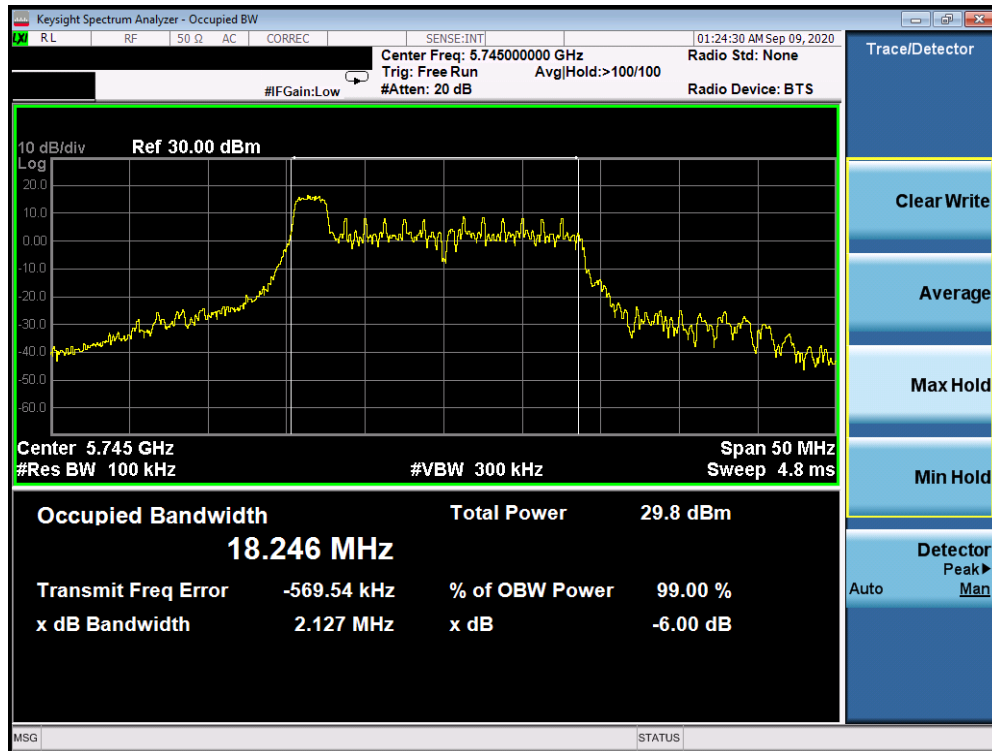
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured 6dB Bandwidth [MHz]
Band 3	5745	149	ax (20MHz)	26	0	135/143.4 (MCS11)	2.13
				26	4	135/143.4 (MCS11)	2.72
				26	8	135/143.4 (MCS11)	2.12
	5785	157	ax (20MHz)	26	0	135/143.4 (MCS11)	2.13
				26	4	135/143.4 (MCS11)	2.72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

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

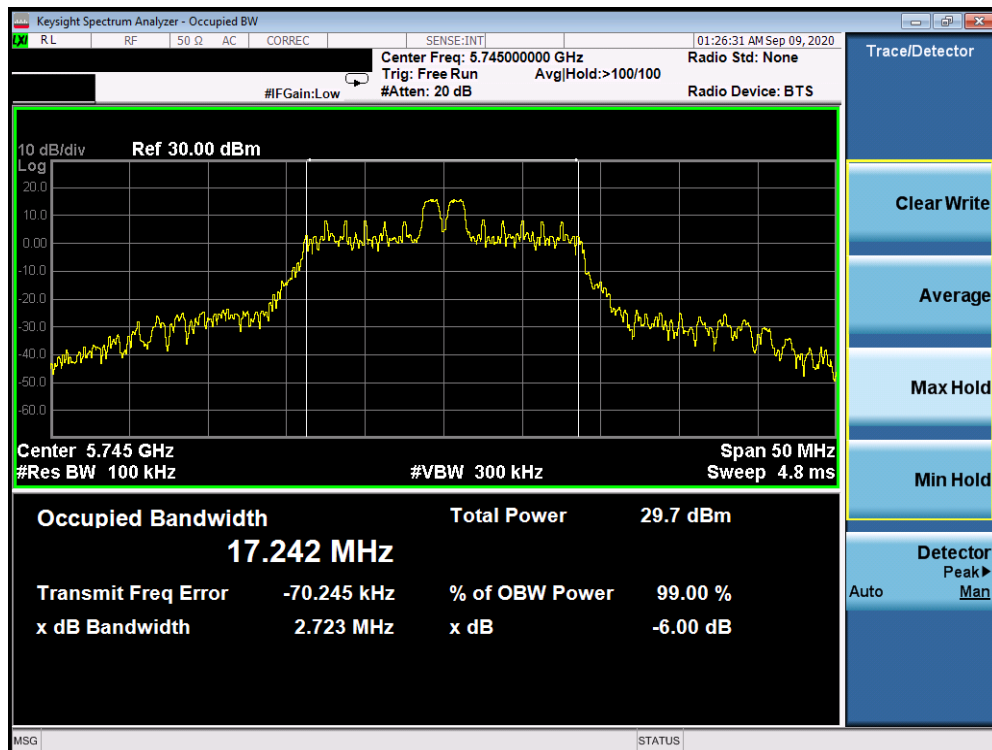
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured 6dB Bandwidth [MHz]
Band 3	5745	149	ax (20MHz)	242	61	135/143.4 (MCS11)	18.92
	5785	157	ax (20MHz)	242	61	135/143.4 (MCS11)	19.09
	5825	165	ax (20MHz)	242	61	135/143.4 (MCS11)	19.01
	5755	151	ax (40MHz)	484	65	271/286.8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

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

FCC ID: BCGA2324	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 169 of 958

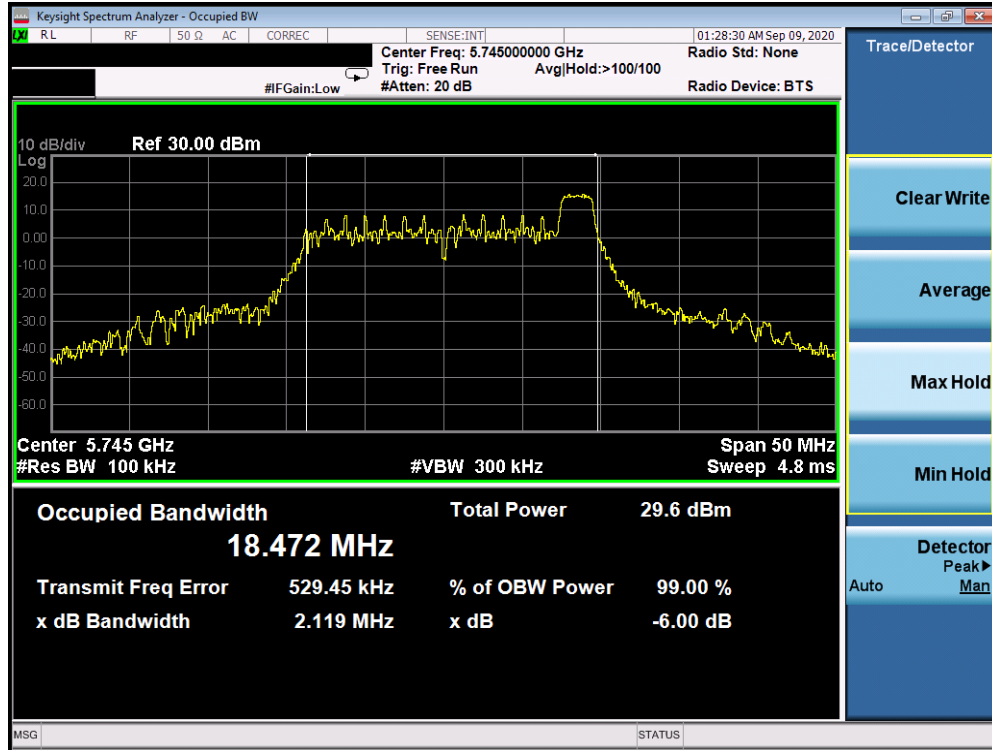


Plot 7-289. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 149)

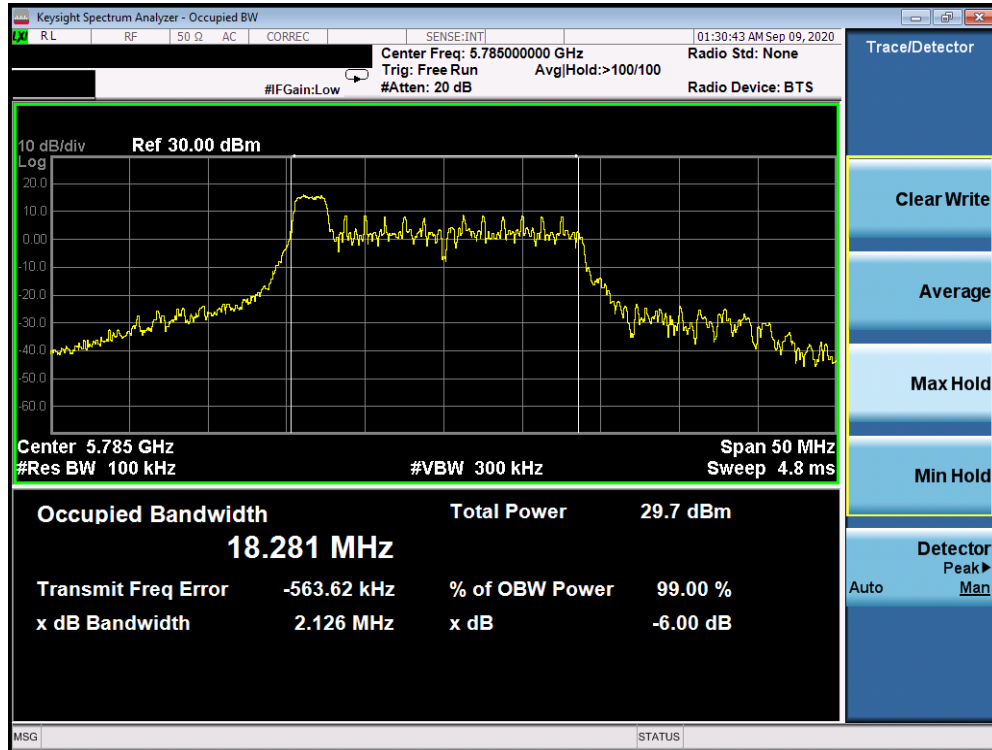


Plot 7-290. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 149)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 170 of 958

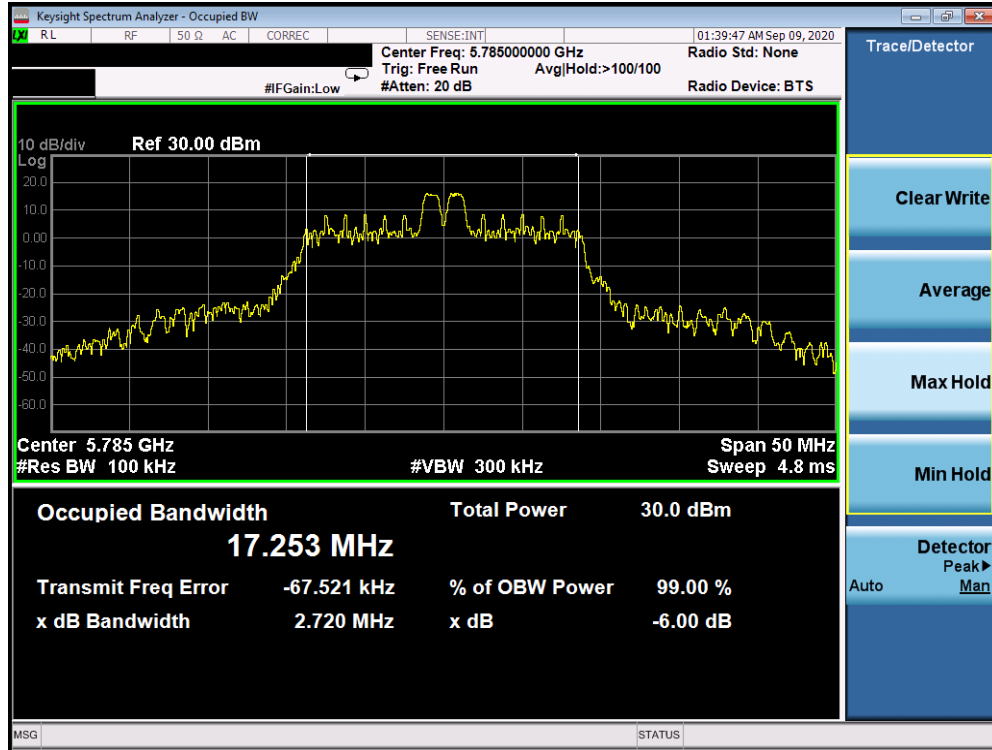


Plot 7-291. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 149)

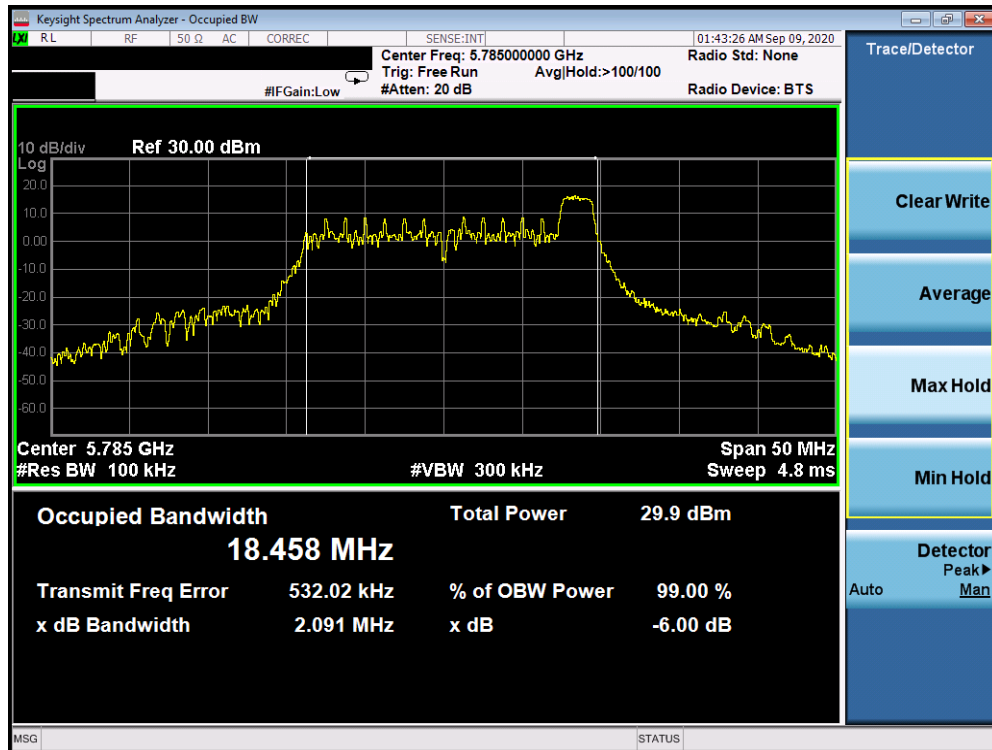


Plot 7-292. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 157)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 171 of 958

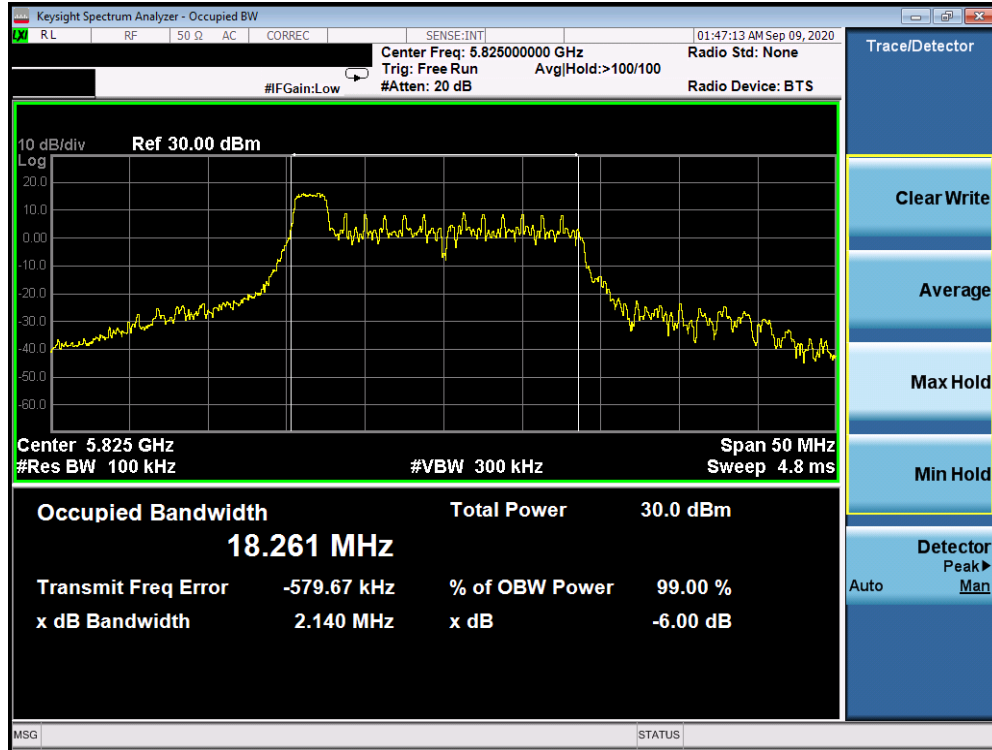


Plot 7-293. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 157)

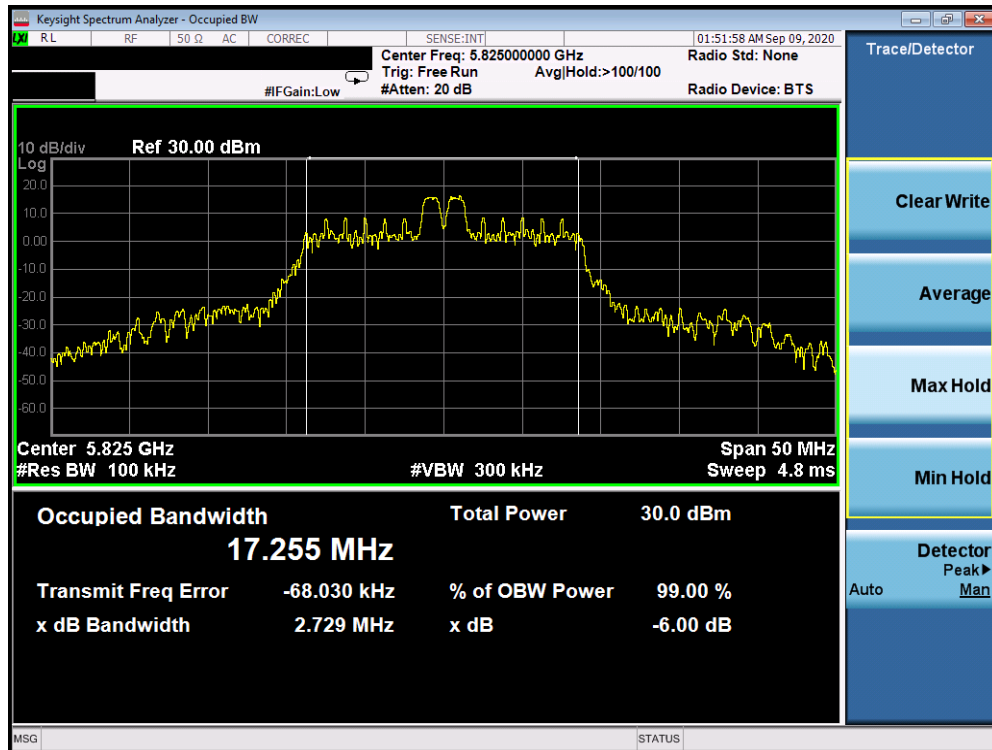


Plot 7-294. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8– RU26 (UNII Band 3) – Ch. 157)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 172 of 958

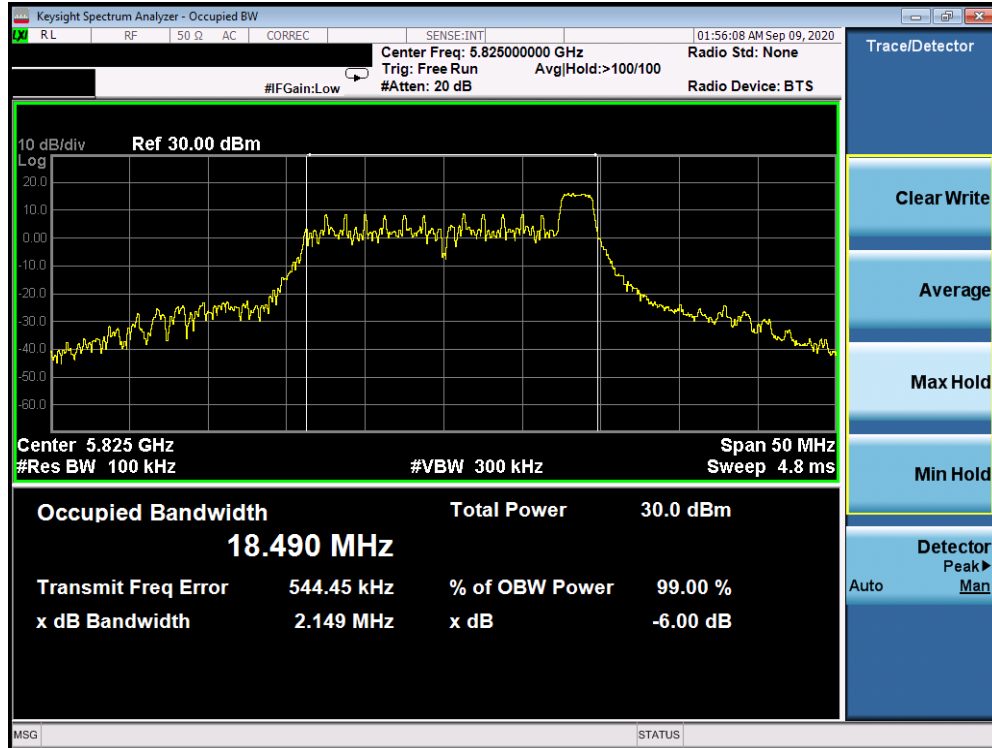


Plot 7-295. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 165)21

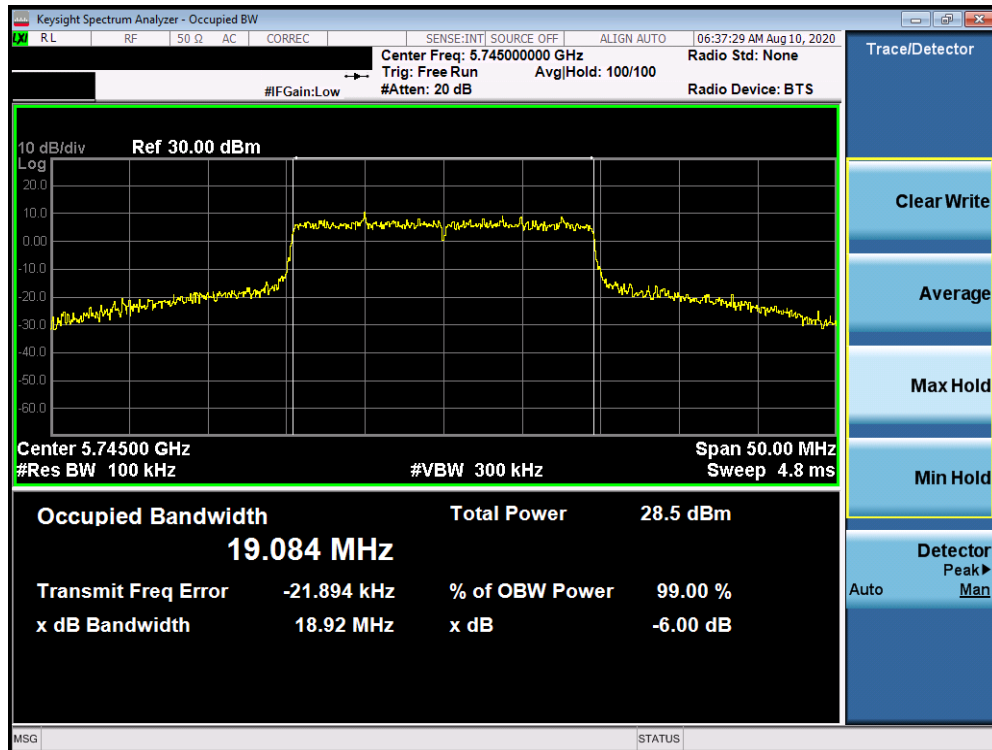


Plot 7-296. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 165)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 173 of 958

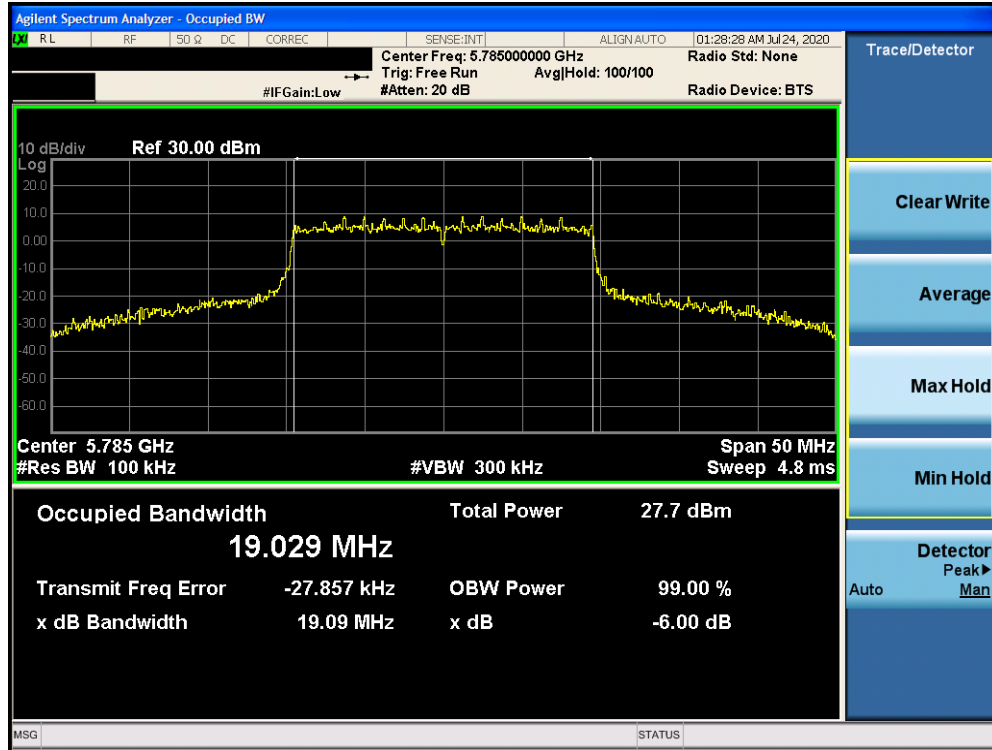


Plot 7-297. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 165)

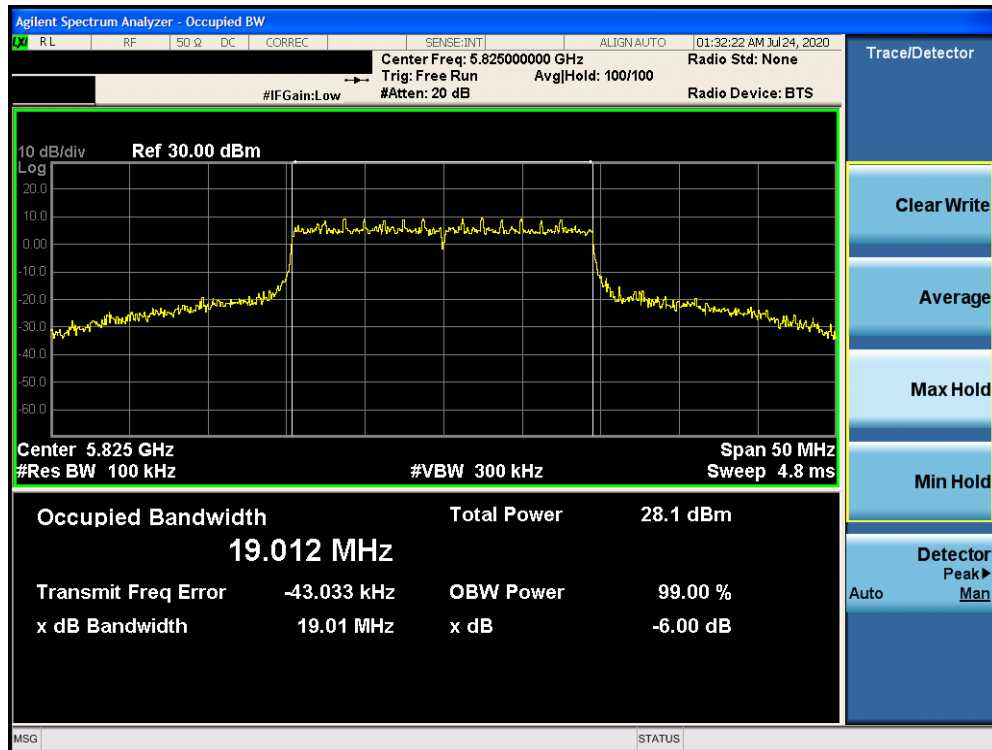


Plot 7-298. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 149)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 174 of 958

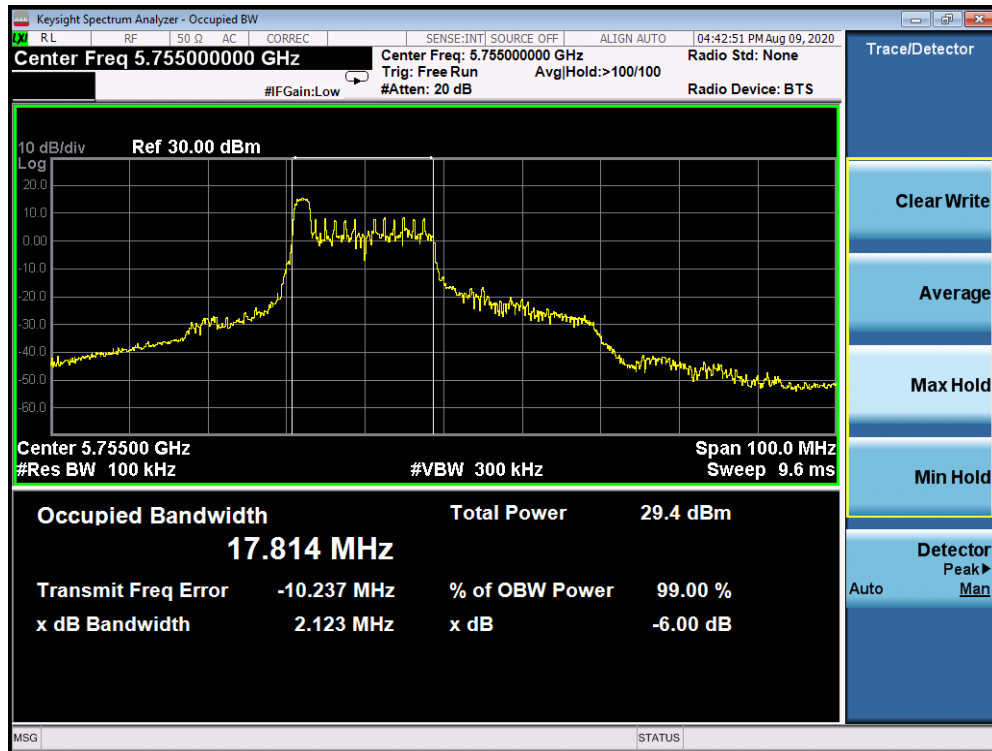


Plot 7-299. 6dB Bandwidth Plot Antenna 1b (20MHz BW 802.11ax- RU242 (UNII Band 3) – Ch. 157)



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

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 175 of 958

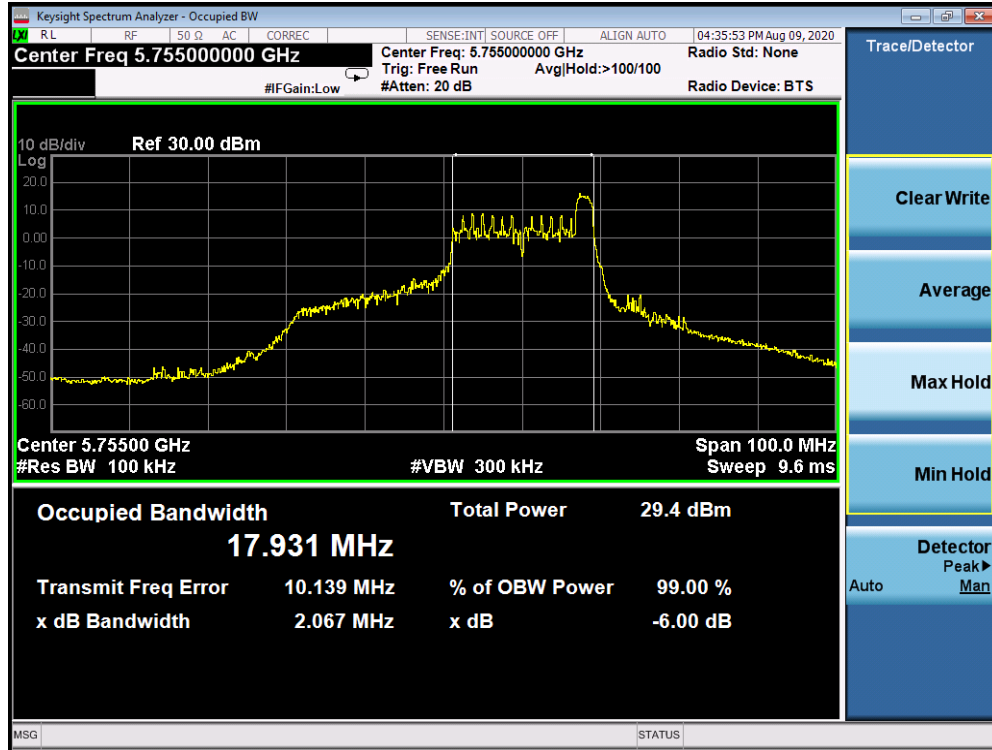


Plot 7-301. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 151)

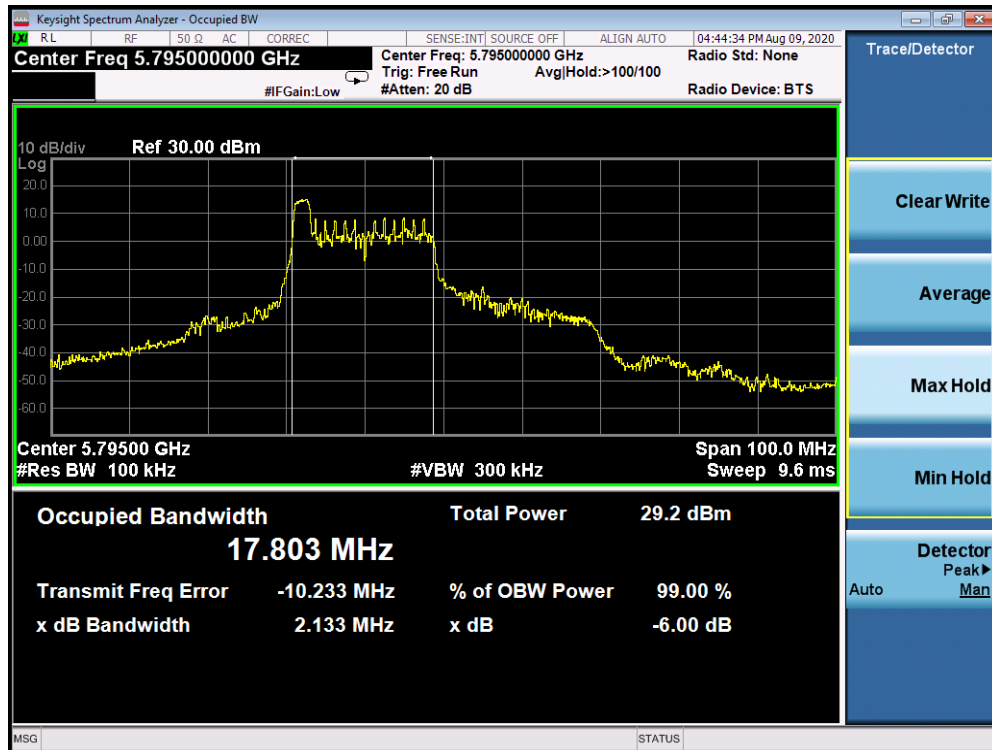


Plot 7-302. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 151)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 176 of 958



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

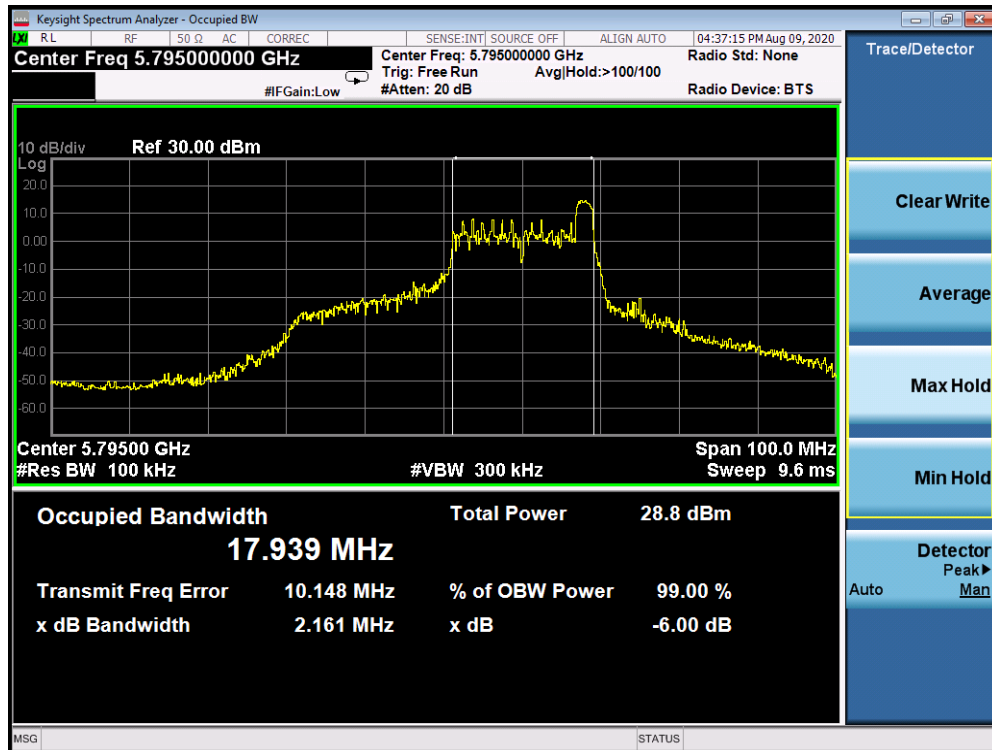


Plot 7-304. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 159)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 177 of 958

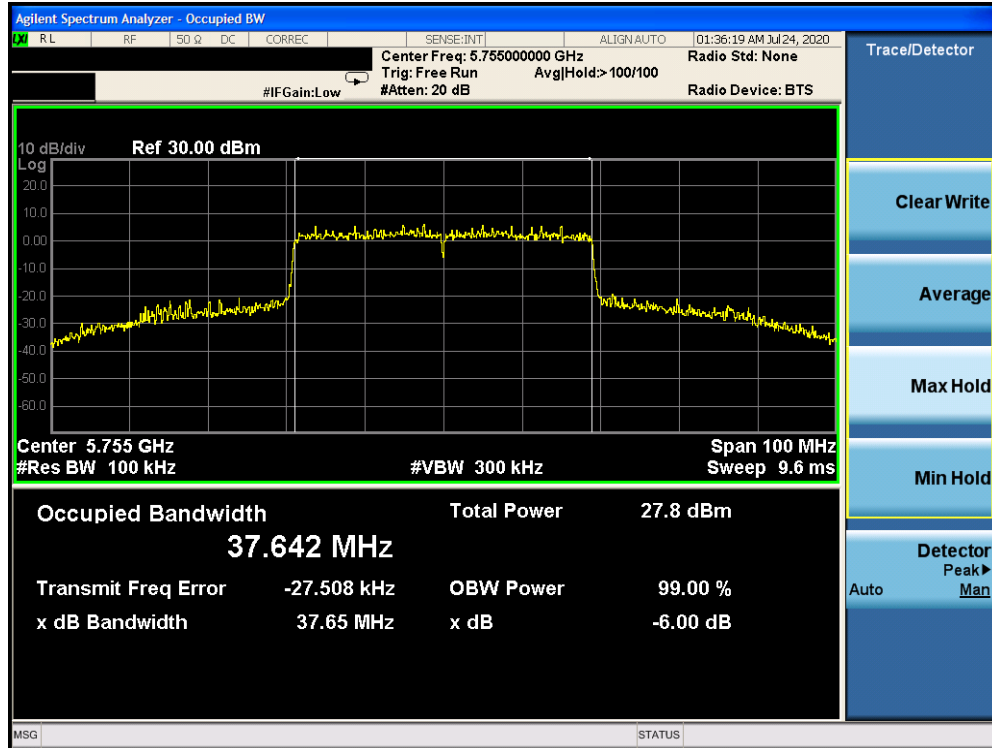


Plot 7-305. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 159)

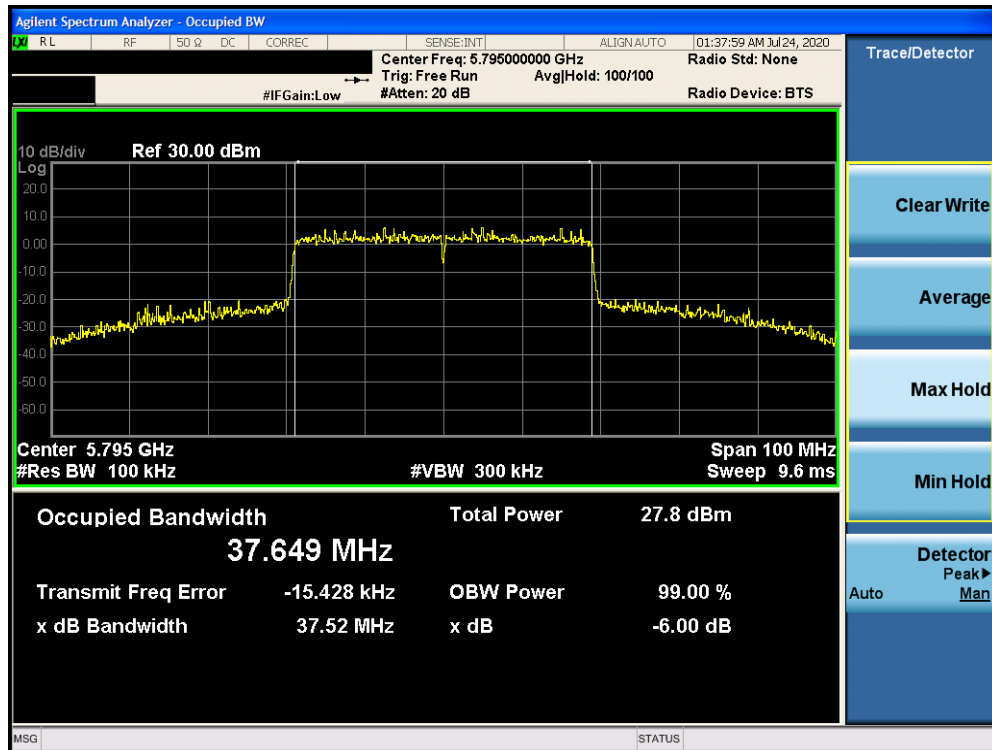


Plot 7-306. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 159)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 178 of 958

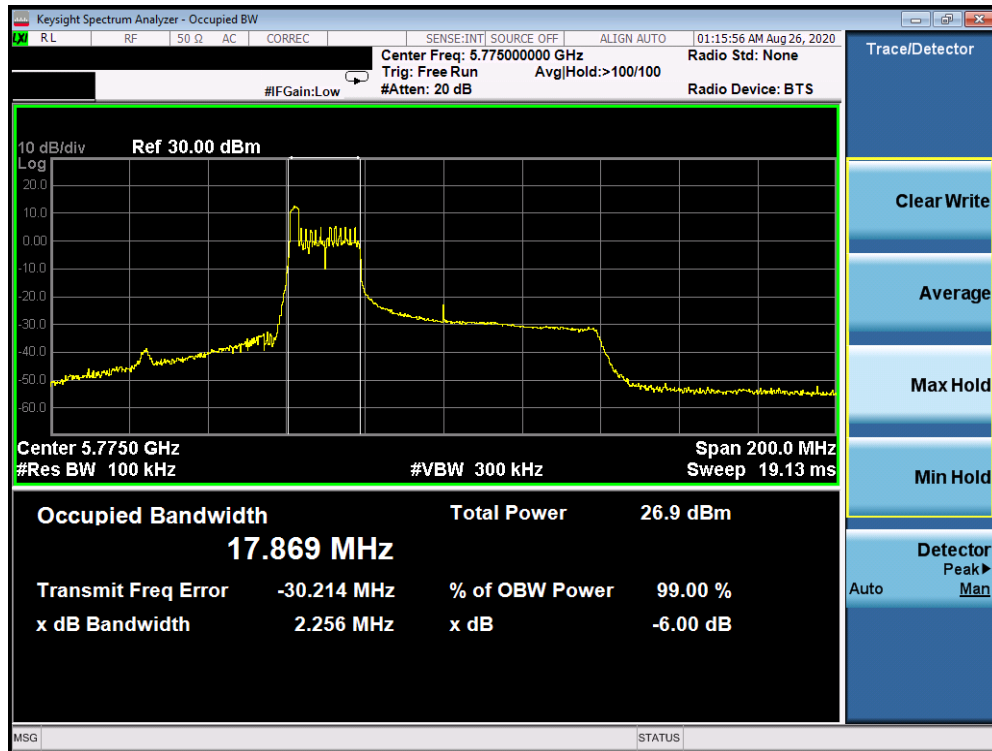


Plot 7-307. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 151)

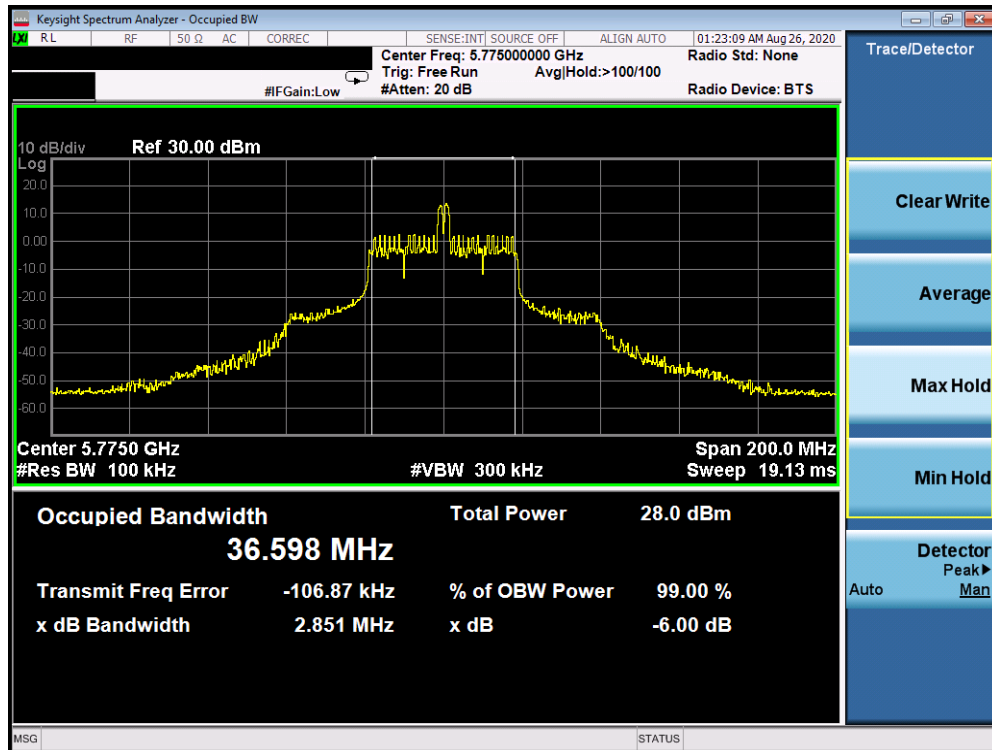


Plot 7-308. 6dB Bandwidth Plot Antenna 1b (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 159)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 179 of 958

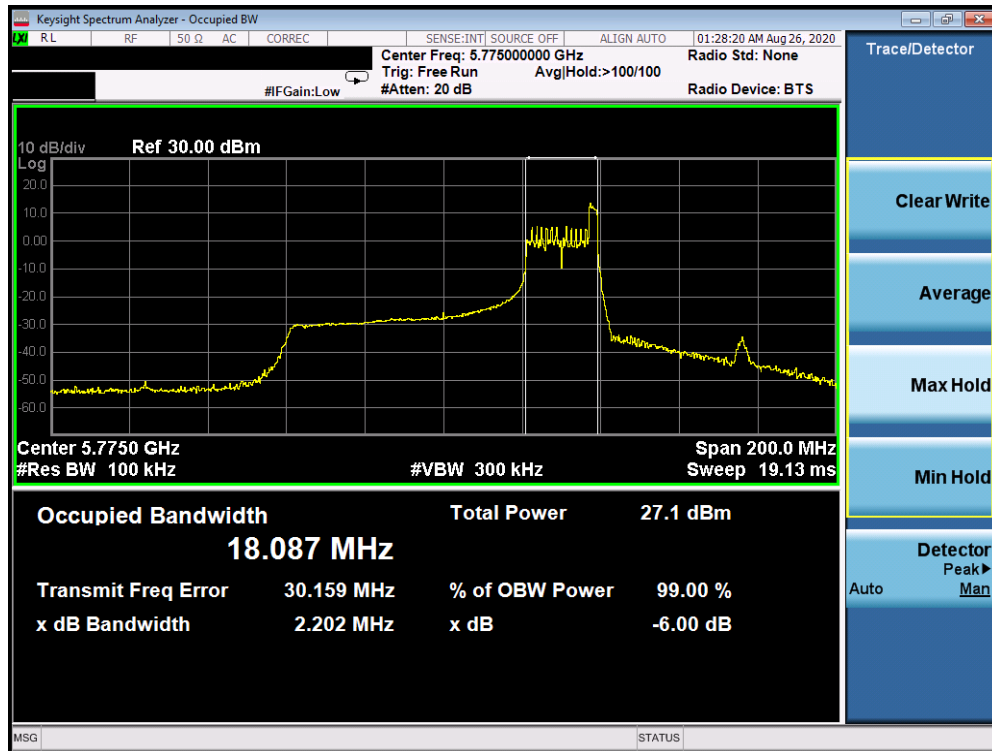


Plot 7-309. 6dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 155)

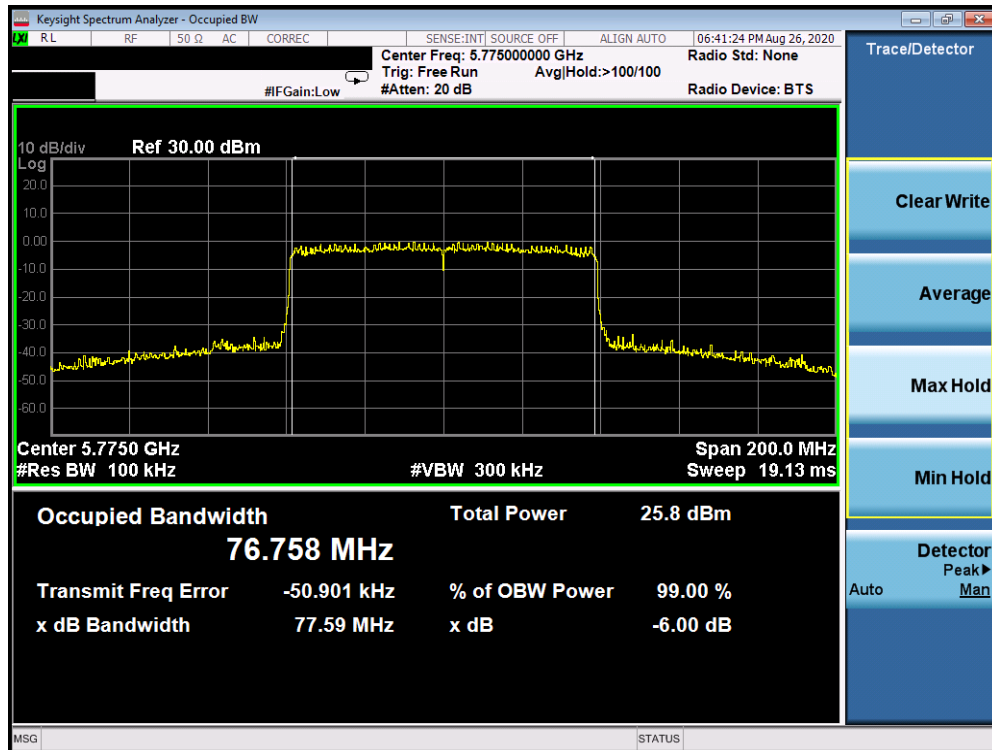


Plot 7-310. 6dB Bandwidth Plot Antenna 1b (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 3) – Ch. 155)

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 180 of 958



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



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

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 181 of 958

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

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

Test Overview and Limits

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

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

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

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

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

Test Procedure Used

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

Test Settings

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

Test Setup

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



Figure 7-3. Test Instrument & Measurement Setup

Test Notes

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

FCC ID: BCGA2324	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 182 of 958

FCC Antenna 2b Conducted Output Power Measurements (RU26)

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

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

FCC ID: BCGA2324	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 183 of 958

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 184 of 958

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 185 of 958

ISED Antenna 2b Conducted Output Power Measurements (RU26)

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

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

FCC ID: BCGA2324	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 186 of 958

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

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

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

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

FCC ID: BCGA2324	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 187 of 958

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

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 188 of 958

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

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

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

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

FCC ID: BCGA2324		MEASUREMENT REPORT (CERTIFICATION)					Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device					Page 189 of 958

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

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

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

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

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

FCC ID: BCGA2324		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 190 of 958

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 191 of 958

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

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

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

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

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

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 192 of 958

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

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

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

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

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

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 193 of 958

FCC Antenna 2a Conducted Output Power Measurements (RU26)

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

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

FCC ID: BCGA2324		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 194 of 958

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 195 of 958

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 196 of 958

ISED Antenna 2a Conducted Output Power Measurements (RU26)

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 197 of 958

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

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

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 198 of 958

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

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 199 of 958

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

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

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 200 of 958

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

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

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

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

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

FCC ID: BCGA2324		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device		Page 201 of 958

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

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

FCC ID: BCGA2324	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 202 of 958

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

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

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

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

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

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 203 of 958

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

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

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

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

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

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 204 of 958

FCC Antenna 1b Conducted Output Power Measurements (RU26)

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

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

FCC ID: BCGA2324		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 205 of 958

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 206 of 958

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 207 of 958

ISED Antenna 1b Conducted Output Power Measurements (RU26)

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 208 of 958

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

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

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

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

FCC ID: BCGA2324	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 209 of 958

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

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 210 of 958

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

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

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

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

FCC ID: BCGA2324	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 211 of 958

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

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

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

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

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

FCC ID: BCGA2324		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 212 of 958

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

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

FCC ID: BCGA2324	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270029-13-R1.BCG	Test Dates: 07/16/2020 - 09/09/2020	EUT Type: Tablet Device	Page 213 of 958