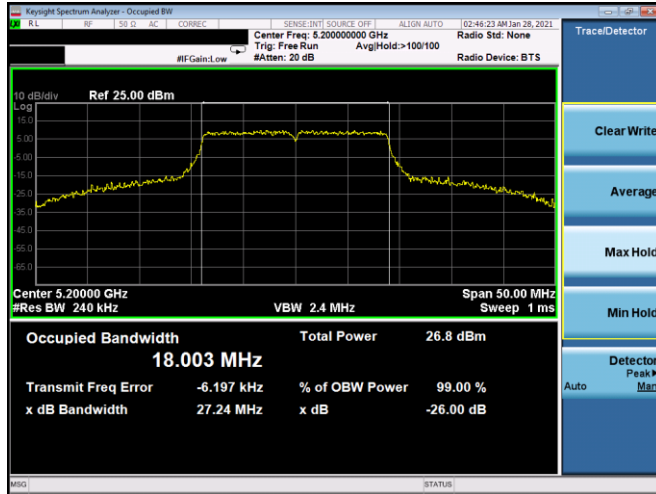
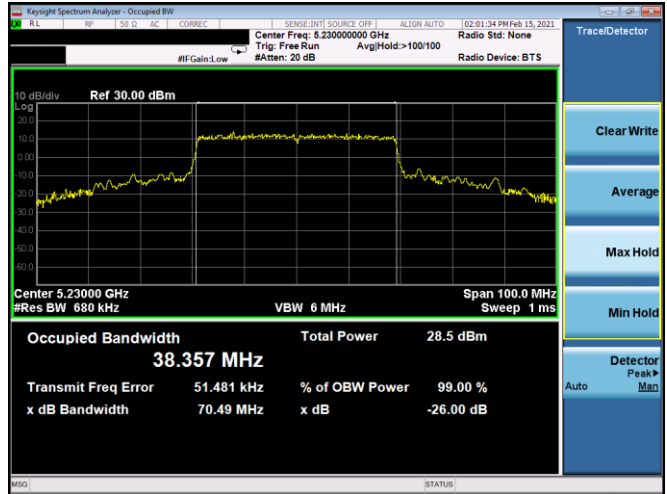
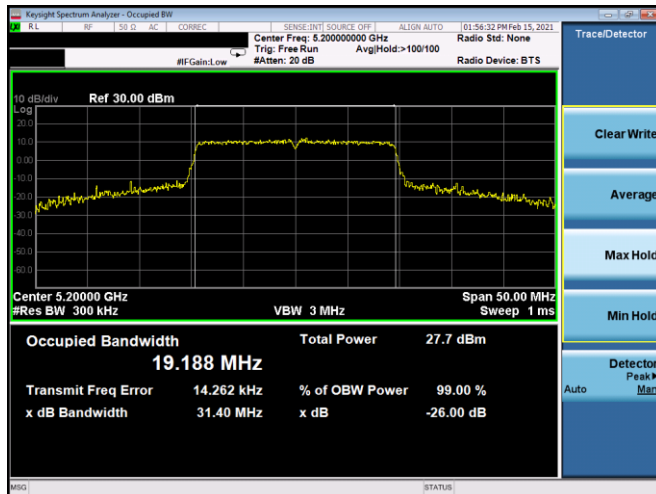




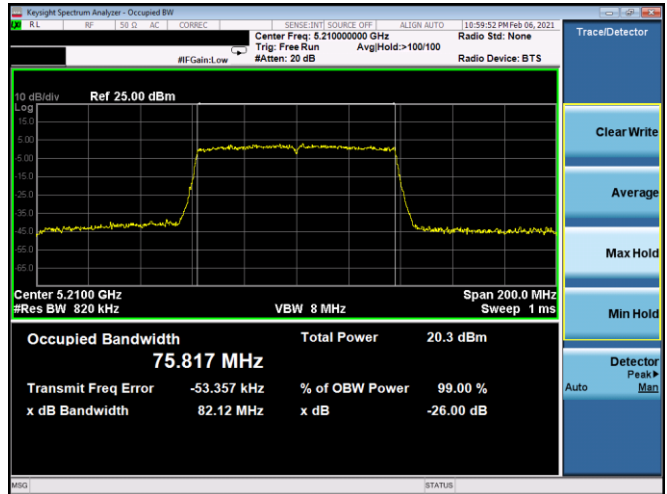
Plot 7-91. 26dB BW & 99% OBW Antenna 4b (20MHz BW 802.11n – Ch. 40, MCS5)



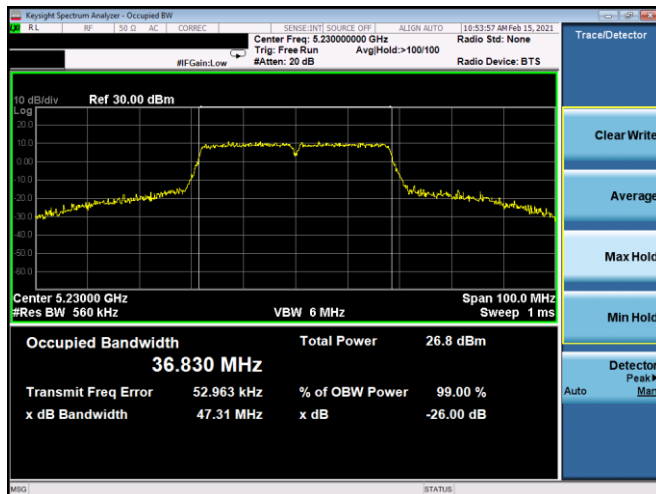
Plot 7-94. 26dB BW & 99% OBW Antenna 4b (40MHz BW 802.11ax(SU) – Ch. 46, MCS11)



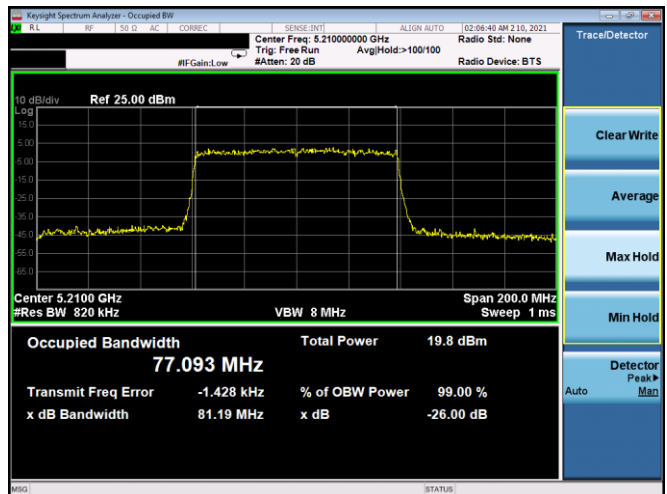
Plot 7-92. 26dB BW & 99% OBW Antenna 4b (20MHz BW 802.11ax(SU) – Ch. 40, MCS11)



Plot 7-95. 26dB BW & 99% OBW Antenna 4b (80MHz BW 802.11ac – Ch. 42, MCS5)

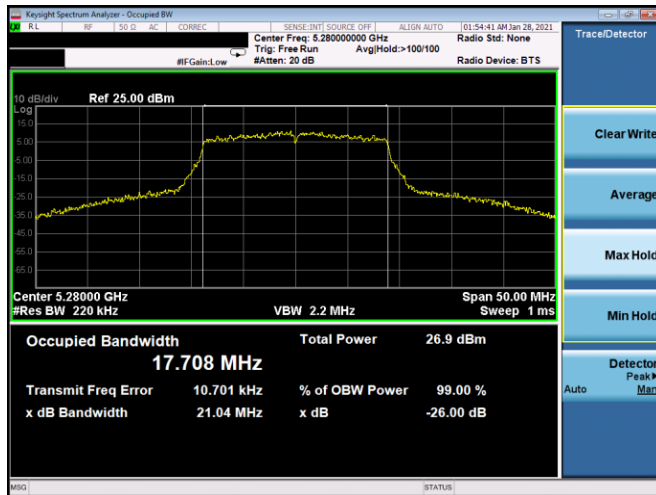


Plot 7-93. 26dB BW & 99% OBW Antenna 4b (40MHz BW 802.11n – Ch. 46, MCS5)

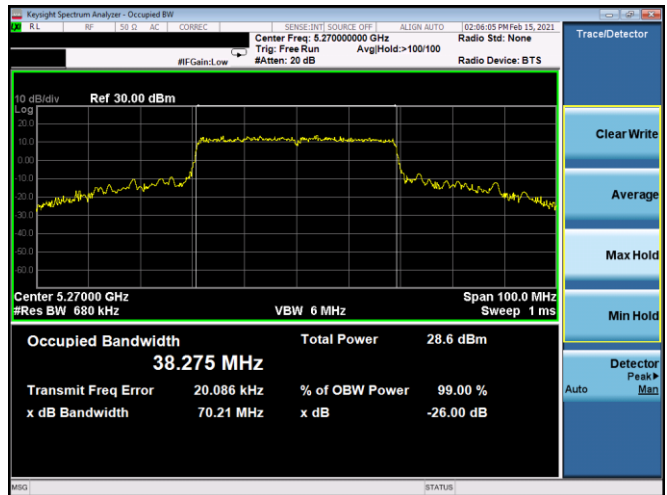


Plot 7-96. 26dB BW & 99% OBW Antenna 4b (80MHz BW 802.11ax(SU) – Ch. 42, MCS11)

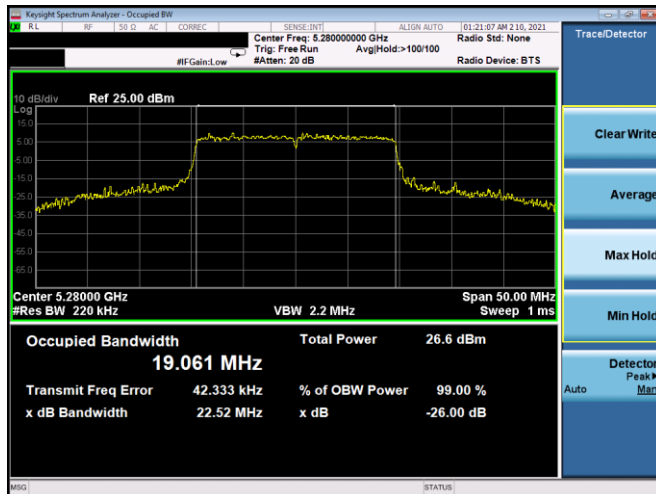
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 40 of 348



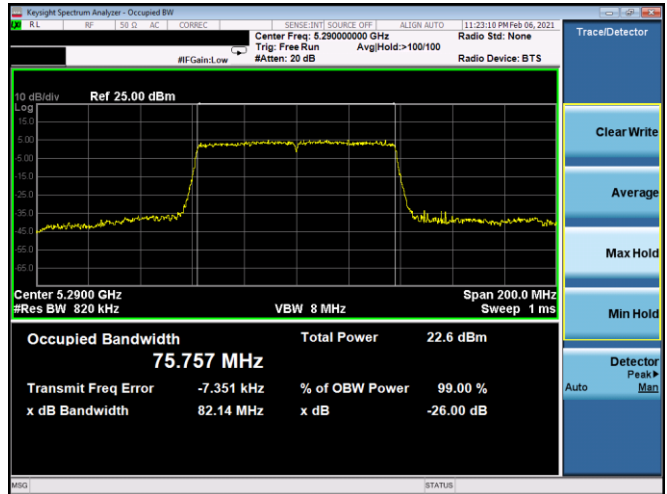
Plot 7-97. 26dB BW & 99% OBW Antenna 4b (20MHz BW 802.11n – Ch. 56, MCS5)



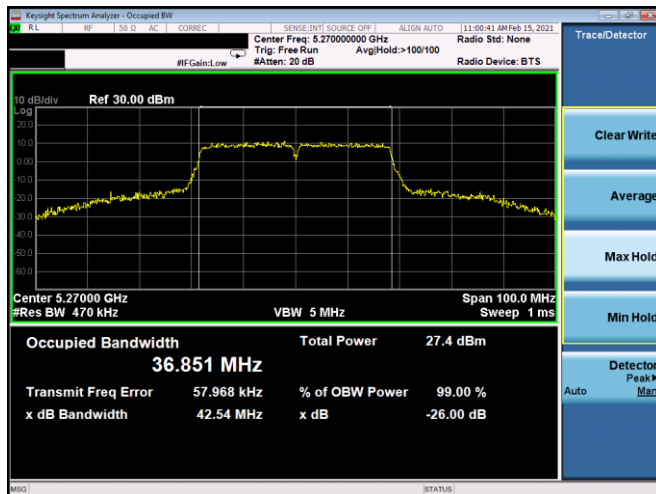
Plot 7-100. 26dB BW & 99% OBW Antenna 4b (40MHz BW 802.11ax(SU) – Ch. 54, MCS11)



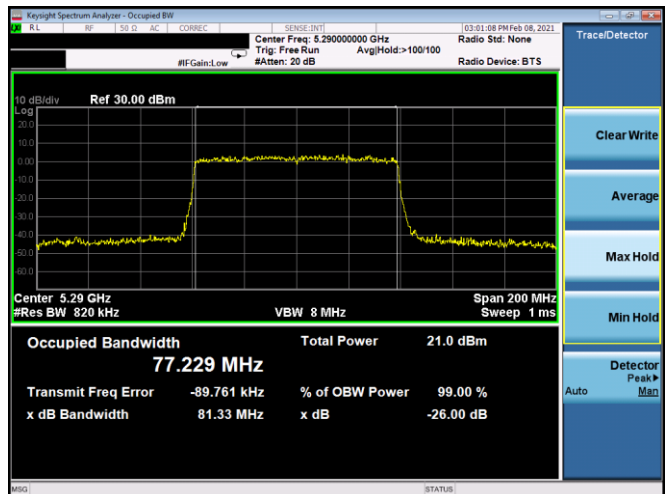
Plot 7-98. 26dB BW & 99% OBW Antenna 4b (20MHz BW 802.11ax(SU) – Ch. 56, MCS11)



Plot 7-101. 26dB BW & 99% OBW Antenna 4b (80MHz BW 802.11ac – Ch. 58, MCS5)

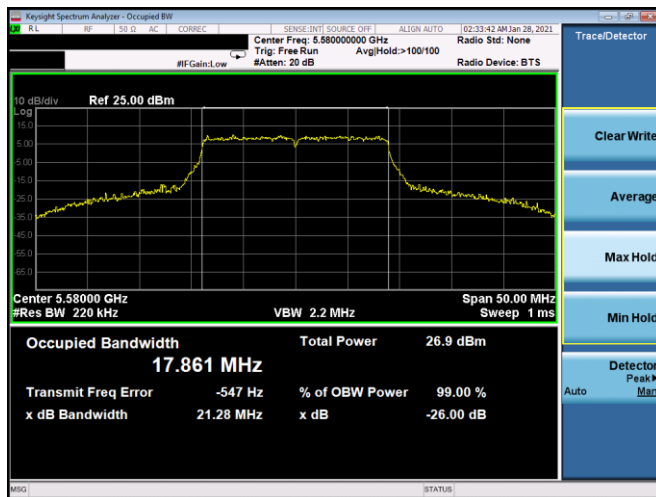


Plot 7-99. 26dB BW & 99% OBW Antenna 4b (40MHz BW 802.11n – Ch. 54, MCS5)

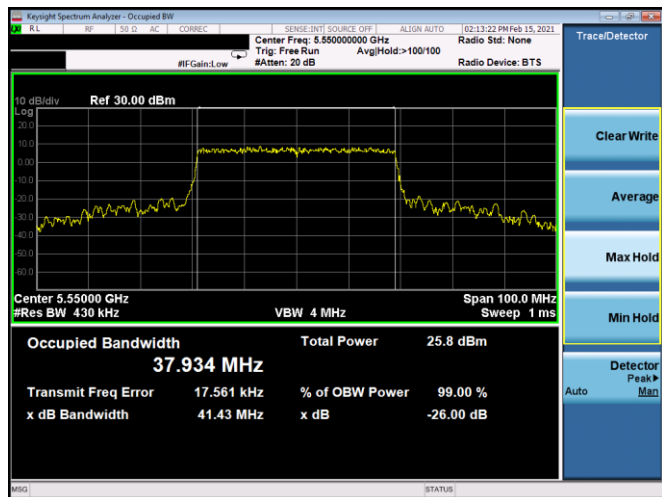


Plot 7-102. 26dB BW & 99% OBW Antenna 4b (80MHz BW 802.11ax(SU) – Ch. 58, MCS11)

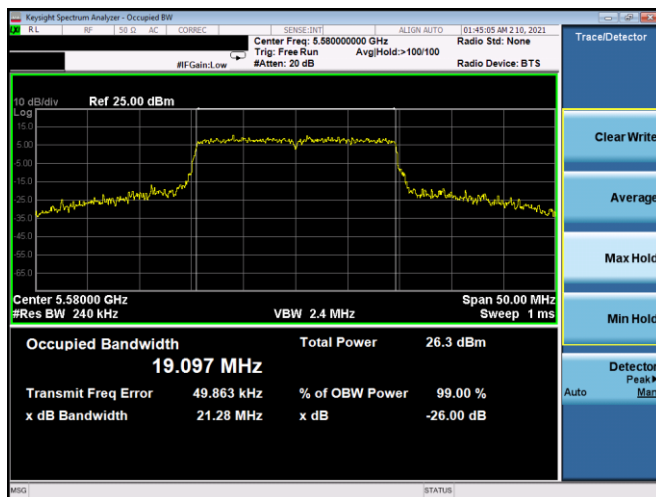
FCC ID: BCGA2379 IC: 579C-A2379		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 41 of 348



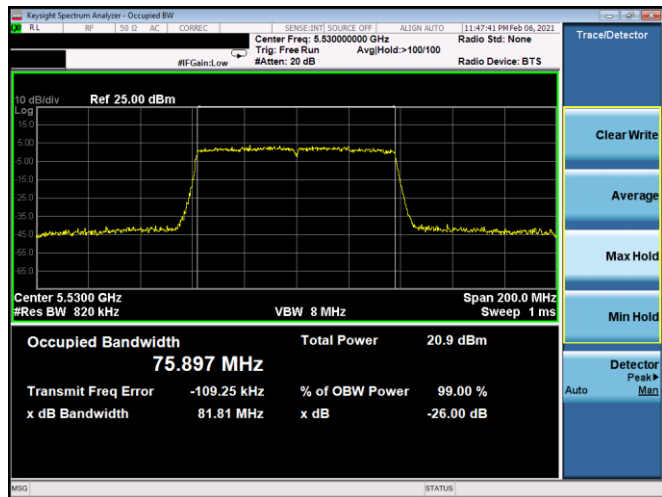
Plot 7-103. 26dB BW & 99% OBW Antenna 4b (20MHz BW 802.11n – Ch. 116, MCS5)



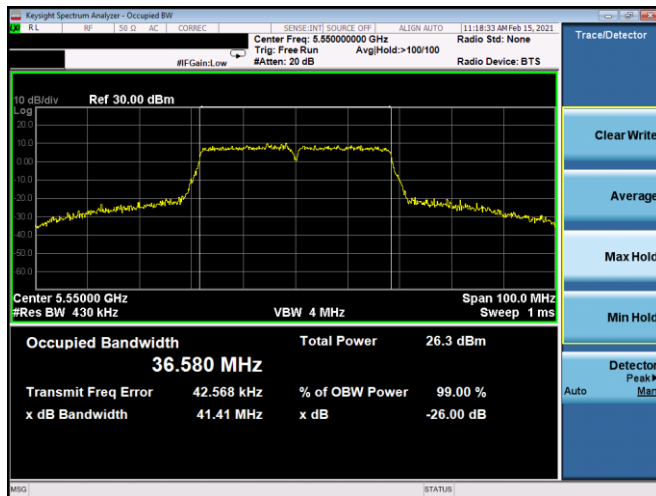
Plot 7-106. 26dB BW & 99% OBW Antenna 4b (40MHz BW 802.11ax(SU) – Ch. 110, MCS11)



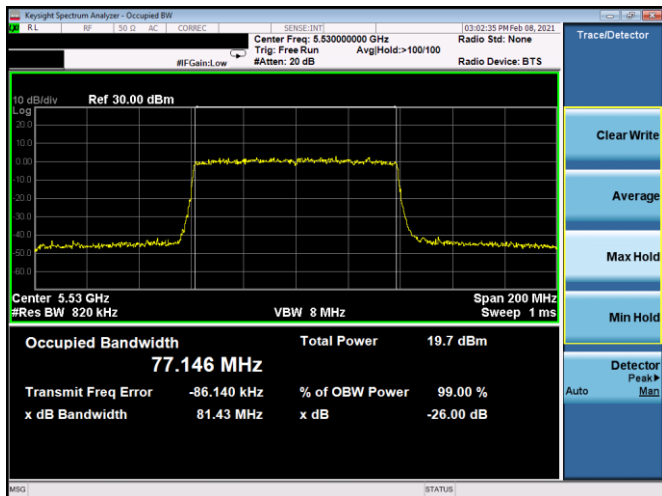
Plot 7-104. 26dB BW & 99% OBW Antenna 4b (20MHz BW 802.11ax(SU) – Ch. 116, MCS11)



Plot 7-107. 26dB BW & 99% OBW Antenna 4b (80MHz BW 802.11ac – Ch. 106, MCS5)



Plot 7-105. 26dB BW & 99% OBW Antenna 4b (40MHz BW 802.11n – Ch. 110, MCS5)



Plot 7-108. 26dB BW & 99% OBW Antenna 4b (80MHz BW 802.11ax(SU) – Ch. 106, MCS11)

FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 42 of 348

7.3 6dB & 99% Bandwidth Measurement – 802.11a/n/ac/ax(SU) §2.1049; §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 and data rates were investigated and only the worst case are reported.
2. The data rates have been classified into three different groups; Low Data Rate, middle rate, and High Data Rate. All three data rate groups of data rate have been investigated and only the worst case data rate per group is reported.
3. Low, mid, and high channels were tested and tabular data has been reported. Only mid channels bandwidths plots have been reported.

FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Antenna 5b 6dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	99% Occupied BW [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	6.5/7.2 (MCS0)	17.61	17.56	0.50	Pass
	5785	157	n (20MHz)	6.5/7.2 (MCS0)	17.62	17.56	0.50	Pass
	5825	165	n (20MHz)	6.5/7.2 (MCS0)	17.62	17.32	0.50	Pass
	5745	149	ax-SU (20MHz)	8/8.6 (MCS0)	19.21	18.94	0.50	Pass
	5785	157	ax-SU (20MHz)	8/8.6 (MCS0)	18.96	18.96	0.50	Pass
	5825	165	ax-SU (20MHz)	8/8.6 (MCS0)	19.35	18.98	0.50	Pass
	5755	151	n (40MHz)	13.5/15 (MCS0)	35.99	35.35	0.50	Pass
	5795	159	n (40MHz)	13.5/15 (MCS0)	36.04	35.79	0.50	Pass
	5755	151	ax-SU (40MHz)	16/17.2 (MCS0)	38.06	38.19	0.50	Pass
	5795	159	ax-SU (40MHz)	16/17.2 (MCS0)	37.86	38.26	0.50	Pass
	5775	155	ac (80MHz)	29.3/32.5 (MCS0)	75.28	75.54	0.50	Pass
	5775	155	ax-SU (80MHz)	34/36.0 (MCS0)	77.03	77.64	0.50	Pass

Table 7-8. Conducted Bandwidth Measurements Antenna 5b (Low Data Rate)

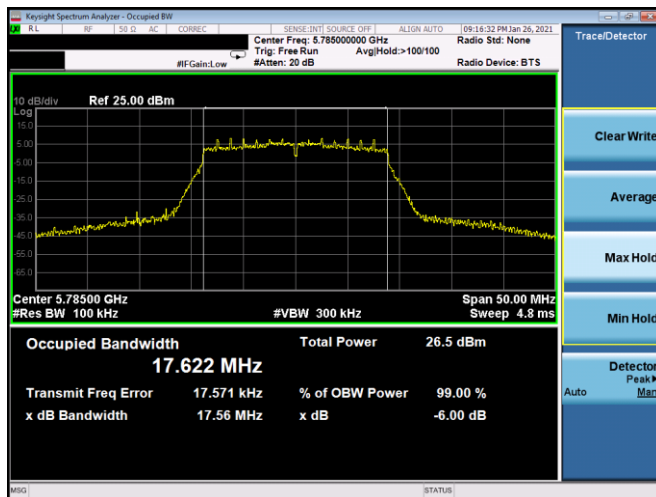
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	99% Occupied BW [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	26/28.9 (MCS3)	17.62	17.67	0.50	Pass
	5785	157	n (20MHz)	26/28.9 (MCS3)	17.63	17.68	0.50	Pass
	5825	165	n (20MHz)	26/28.9 (MCS3)	17.67	17.63	0.50	Pass
	5745	149	ax-SU (20MHz)	33/34.4 (MCS3)	19.05	19.11	0.50	Pass
	5785	157	ax-SU (20MHz)	33/34.4 (MCS3)	18.96	19.08	0.50	Pass
	5825	165	ax-SU (20MHz)	33/34.4 (MCS3)	19.04	19.06	0.50	Pass
	5755	151	n (40MHz)	54/60 (MCS3)	36.07	36.14	0.50	Pass
	5795	159	n (40MHz)	54/60 (MCS3)	36.09	36.38	0.50	Pass
	5755	151	ax-SU (40MHz)	65/68.8 (MCS3)	37.99	38.23	0.50	Pass
	5795	159	ax-SU (40MHz)	65/68.8 (MCS3)	38.13	38.20	0.50	Pass
	5775	155	ac (80MHz)	117/130 (MCS3)	77.05	77.99	0.50	Pass
	5775	155	ax-SU (80MHz)	567/600.5 (MCS3)	76.96	78.08	0.50	Pass

Table 7-9. Conducted Bandwidth Measurements Antenna 5b (Mid Data Rate)

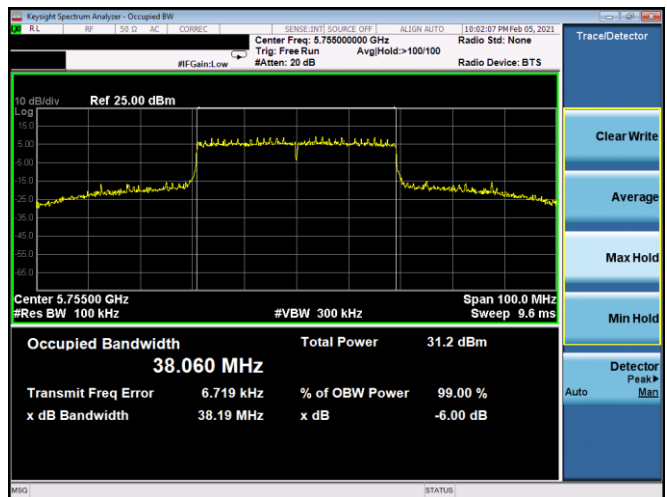
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	99% Occupied BW [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	52/57.8 (MCS5)	17.69	17.74	0.50	Pass
	5785	157	n (20MHz)	52/57.8 (MCS5)	17.69	17.75	0.50	Pass
	5825	165	n (20MHz)	52/57.8 (MCS5)	17.70	17.76	0.50	Pass
	5745	149	ax-SU (20MHz)	135/143.4 (MCS11)	19.03	19.11	0.50	Pass
	5785	157	ax-SU (20MHz)	135/143.4 (MCS11)	19.01	19.14	0.50	Pass
	5825	165	ax-SU (20MHz)	135/143.4 (MCS11)	19.02	19.09	0.50	Pass
	5755	151	n (40MHz)	108/120 (MCS5)	36.26	36.55	0.50	Pass
	5795	159	n (40MHz)	108/120 (MCS5)	36.27	36.54	0.50	Pass
	5755	151	ax-SU (40MHz)	271/286.8 (MCS11)	37.87	38.15	0.50	Pass
	5795	159	ax-SU (40MHz)	271/286.8 (MCS11)	37.92	38.21	0.50	Pass
	5775	155	ac (80MHz)	292.5/325 (MCS5)	75.60	76.18	0.50	Pass
	5775	155	ax-SU (80MHz)	567/600.5 (MCS11)	76.75	77.19	0.50	Pass

Table 7-10. Conducted Bandwidth Measurements Antenna 5b (High Data Rate)

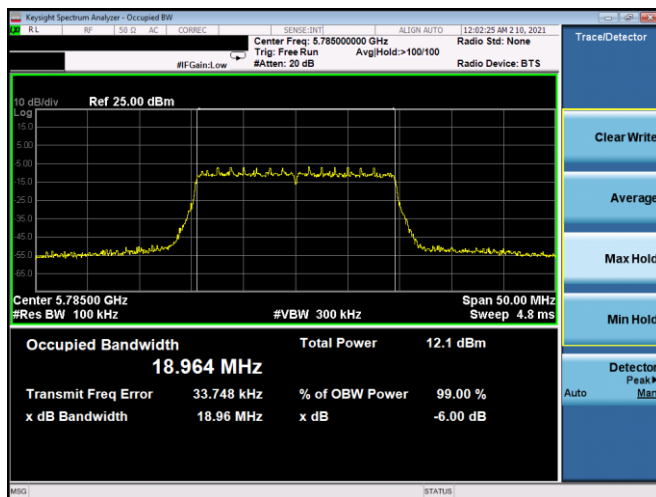
FCC ID: BCGA2379 IC: 579C-A2379	 Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 44 of 348



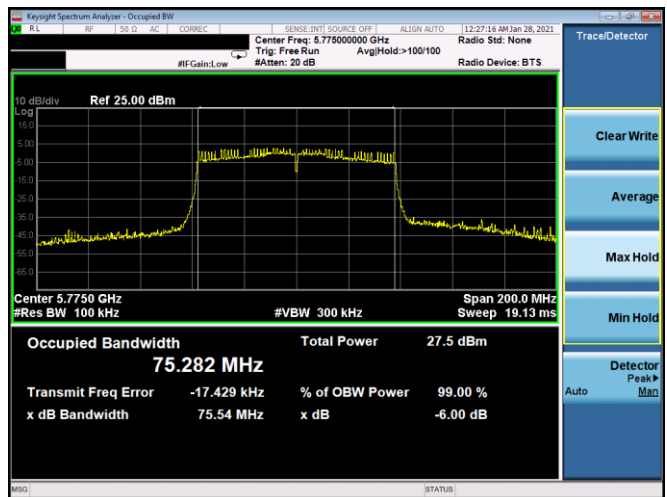
Plot 7-109. 6dB BW & 99% OBW Antenna 5b (20MHz BW 802.11n – Ch. 157, MCS0)



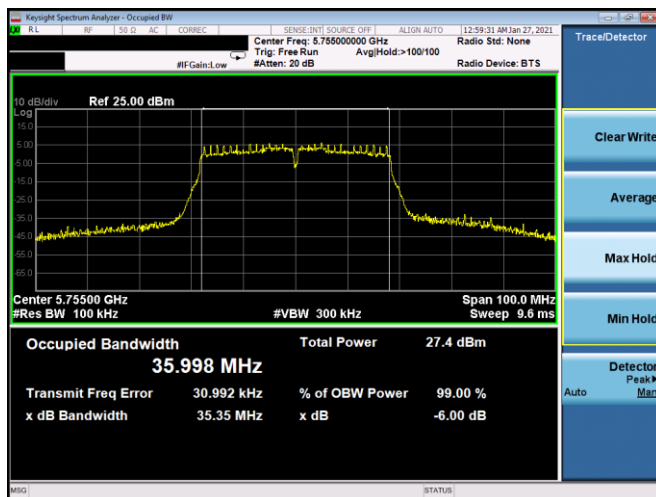
Plot 7-112. 6dB BW & 99% OBW Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 151, MCS0)



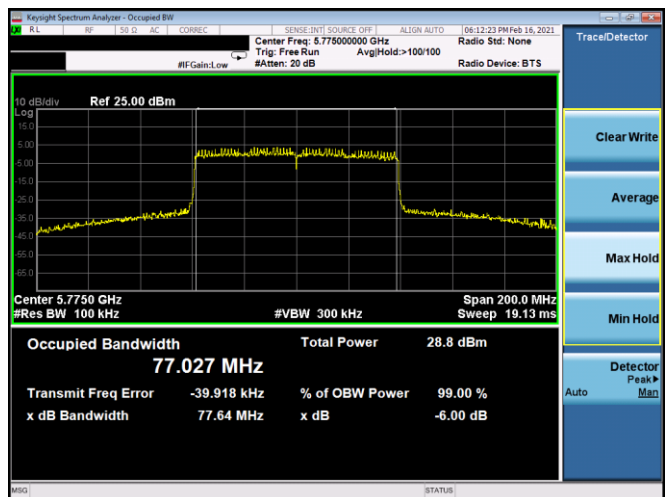
Plot 7-110. 6dB BW & 99% OBW Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 157, MCS0)



Plot 7-113. 6dB BW & 99% OBW Antenna 5b (80MHz BW 802.11ac – Ch. 155, MCS0)

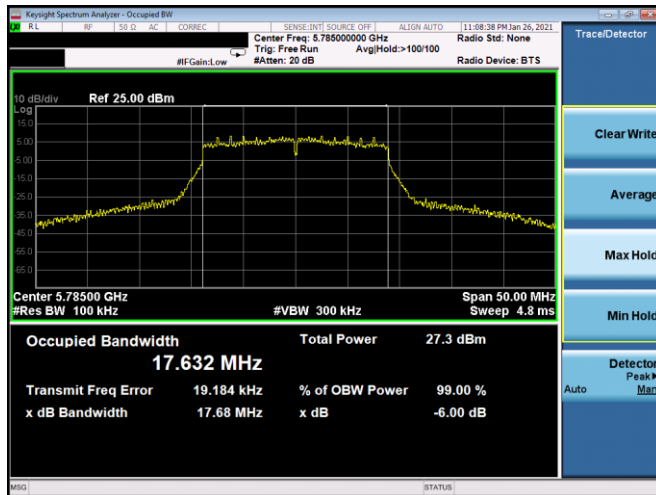


Plot 7-111. 6dB BW & 99% OBW Antenna 5b (40MHz BW 802.11n – Ch. 151, MCS0)

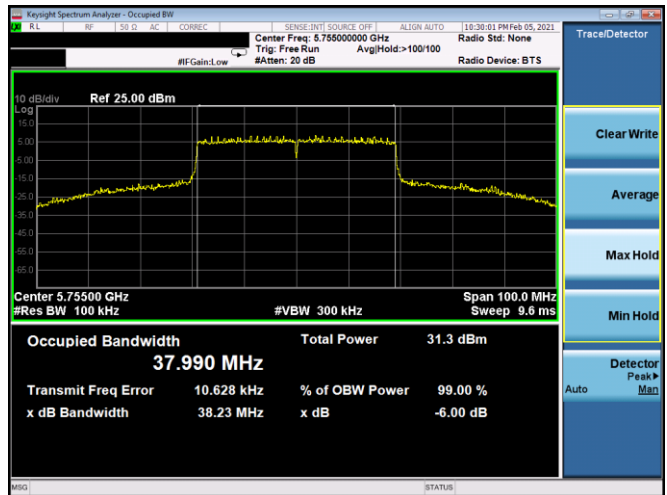


Plot 7-114. 6dB BW & 99% OBW Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 155, MCS0)

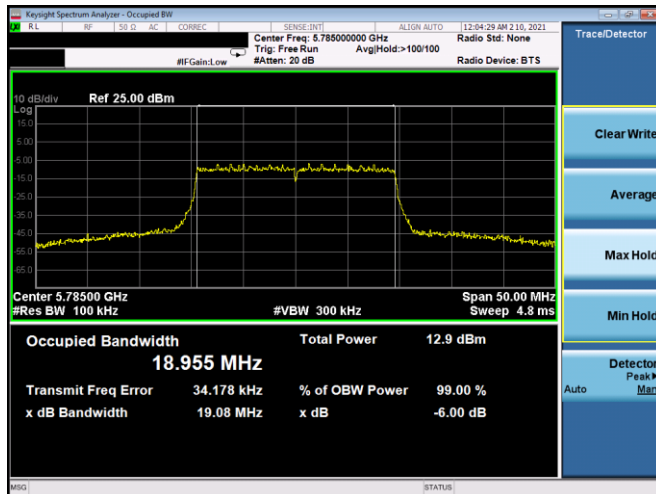
FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device		Page 45 of 348



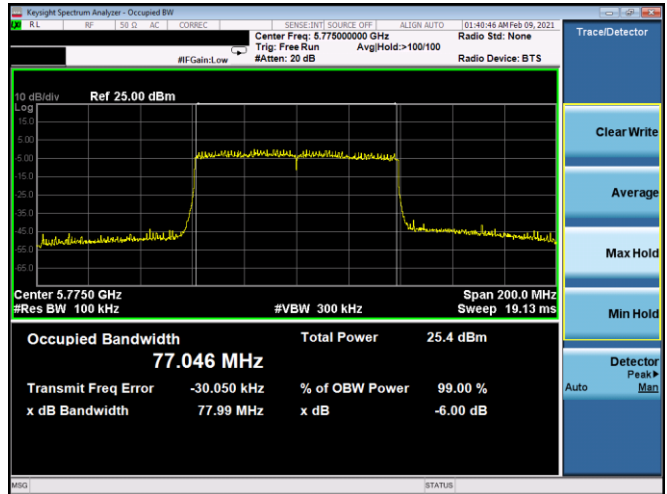
Plot 7-115. 6dB BW & 99% OBW Antenna 5b (20MHz BW 802.11n – Ch. 157, MCS3)



Plot 7-118. 6dB BW & 99% OBW Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 151, MCS3)



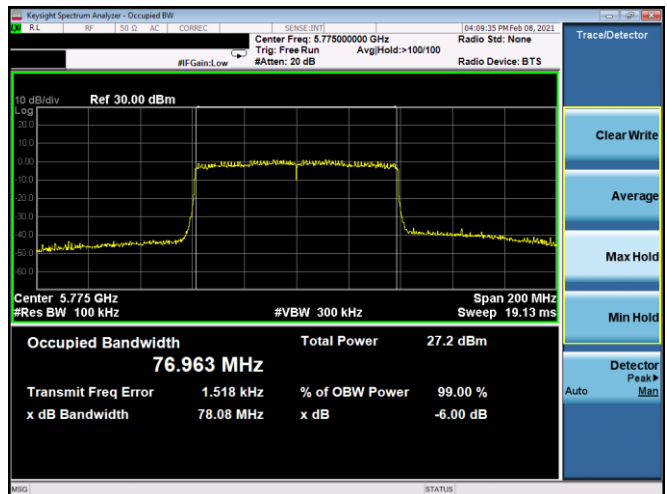
Plot 7-116. 6dB BW & 99% OBW Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 157, MCS3)



Plot 7-119. 6dB BW & 99% OBW Antenna 5b (80MHz BW 802.11ac – Ch. 155, MCS3)

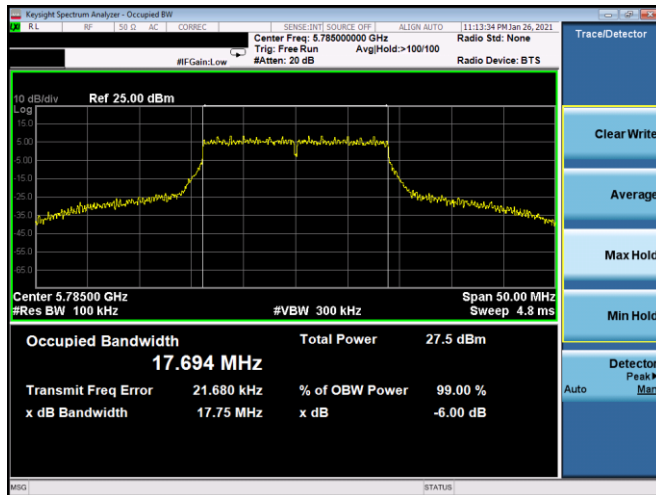


Plot 7-117. 6dB BW & 99% OBW Antenna 5b (40MHz BW 802.11n – Ch. 151, MCS3)

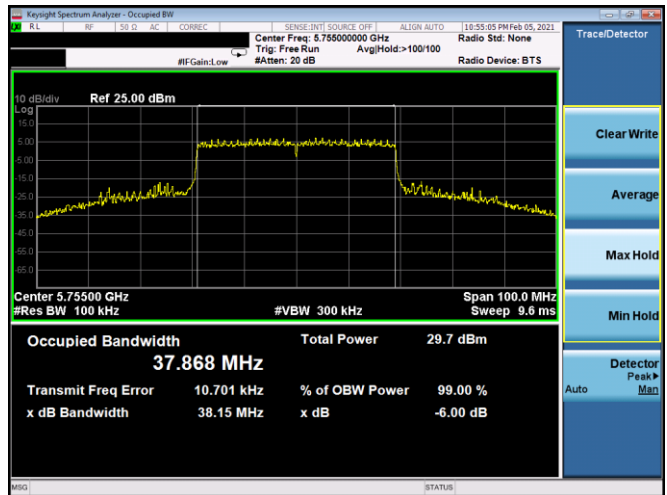


Plot 7-120. 6dB BW & 99% OBW Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 155, MCS3)

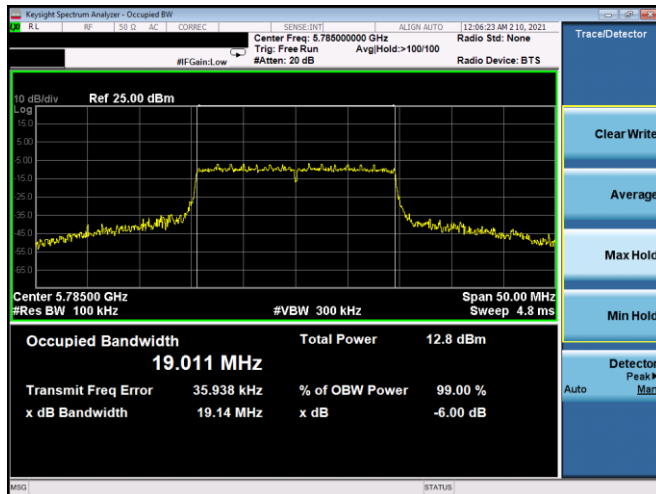
FCC ID: BCGA2379 IC: 579C-A2379			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device		Page 46 of 348



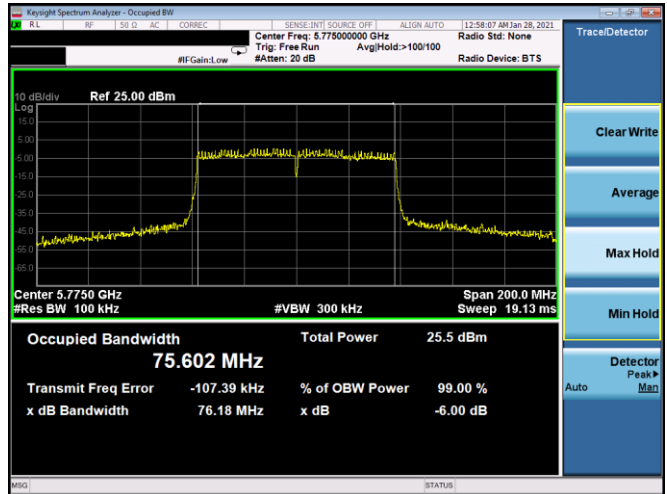
Plot 7-121. 6dB BW & 99% OBW Antenna 5b (20MHz BW 802.11n – Ch. 157, MCS5)



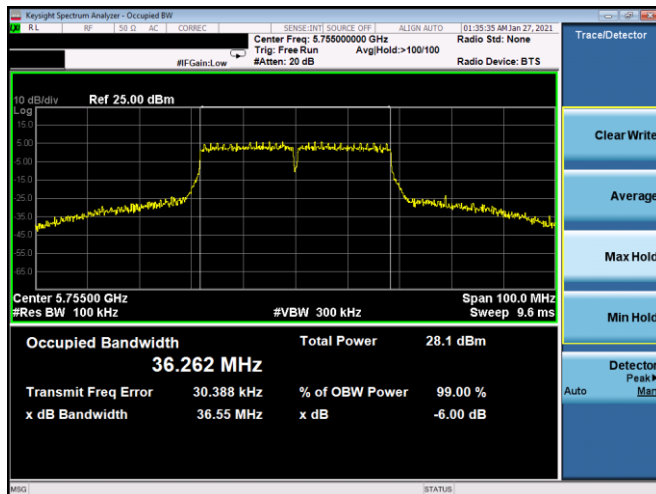
Plot 7-124. 6dB BW & 99% OBW Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 151, MCS11)



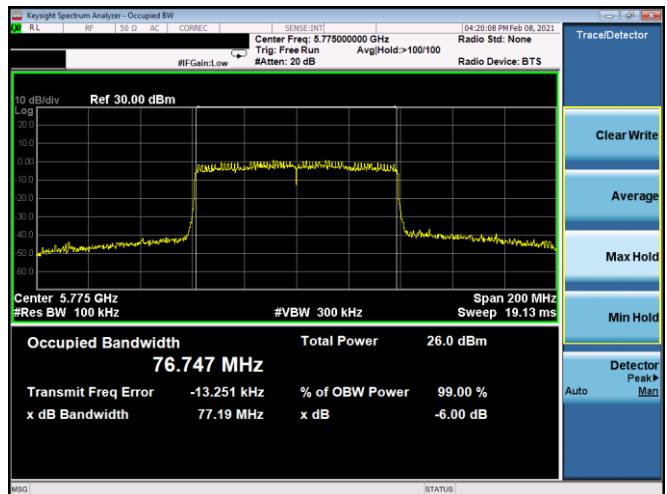
Plot 7-122. 6dB BW & 99% OBW Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 157, MCS11)



Plot 7-125. 6dB BW & 99% OBW Antenna 5b (80MHz BW 802.11ac – Ch. 155, MCS5)



Plot 7-123. 6dB BW & 99% OBW Antenna 5b (40MHz BW 802.11n – Ch. 151, MCS5)



Plot 7-126. 6dB BW & 99% OBW Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 155, MCS11)

FCC ID: BCGA2379 IC: 579C-A2379		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021		Page 47 of 348

Antenna 4b 6dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	99% Occupied BW [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	6.5/7.2 (MCS0)	17.62	17.29	0.50	Pass
	5785	157	n (20MHz)	6.5/7.2 (MCS0)	17.63	17.29	0.50	Pass
	5825	165	n (20MHz)	6.5/7.2 (MCS0)	17.63	17.52	0.50	Pass
	5745	149	ax-SU (20MHz)	8/8.6 (MCS0)	19.62	18.99	0.50	Pass
	5785	157	ax-SU (20MHz)	8/8.6 (MCS0)	18.99	18.99	0.50	Pass
	5825	165	ax-SU (20MHz)	8/8.6 (MCS0)	18.98	19.05	0.50	Pass
	5755	151	n (40MHz)	13.5/15 (MCS0)	36.02	35.58	0.50	Pass
	5795	159	n (40MHz)	13.5/15 (MCS0)	36.09	35.61	0.50	Pass
	5755	151	ax-SU (40MHz)	16/17.2 (MCS0)	37.88	38.18	0.50	Pass
	5795	159	ax-SU (40MHz)	16/17.2 (MCS0)	37.87	38.22	0.50	Pass
	5775	155	ac (80MHz)	29.3/32.5 (MCS0)	75.31	75.55	0.50	Pass
	5775	155	ax-SU (80MHz)	34/36.0 (MCS0)	76.97	77.65	0.50	Pass

Table 7-11. Conducted Bandwidth Measurements Antenna 4b (Low Data Rate)

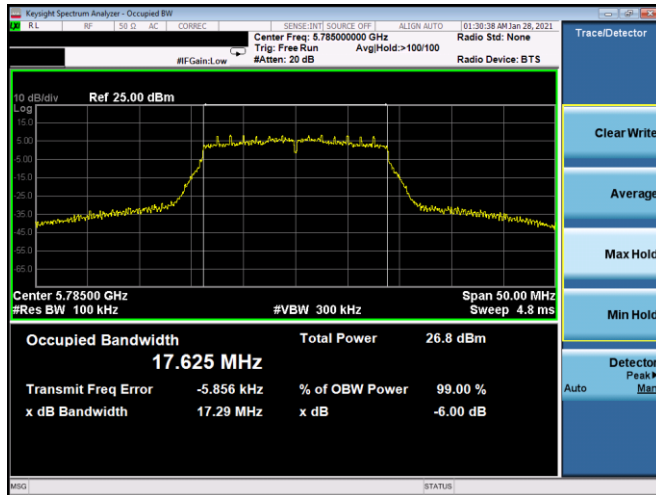
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	99% Occupied BW [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	26/28.9 (MCS3)	17.65	17.70	0.50	Pass
	5785	157	n (20MHz)	26/28.9 (MCS3)	17.64	17.68	0.50	Pass
	5825	165	n (20MHz)	26/28.9 (MCS3)	17.65	17.70	0.50	Pass
	5745	149	ax-SU (20MHz)	33/34.4 (MCS3)	19.06	18.98	0.50	Pass
	5785	157	ax-SU (20MHz)	33/34.4 (MCS3)	18.96	19.03	0.50	Pass
	5825	165	ax-SU (20MHz)	33/34.4 (MCS3)	19.10	18.99	0.50	Pass
	5755	151	n (40MHz)	54/60 (MCS3)	36.10	36.04	0.50	Pass
	5795	159	n (40MHz)	54/60 (MCS3)	36.11	36.04	0.50	Pass
	5755	151	ax-SU (40MHz)	65/68.8 (MCS3)	38.13	38.17	0.50	Pass
	5795	159	ax-SU (40MHz)	65/68.8 (MCS3)	38.93	38.18	0.50	Pass
	5775	155	ac (80MHz)	117/130 (MCS3)	75.31	75.77	0.50	Pass
	5775	155	ax-SU (80MHz)	567/600.5 (MCS3)	76.88	77.41	0.50	Pass

Table 7-12. Conducted Bandwidth Measurements Antenna 4b (Mid Data Rate)

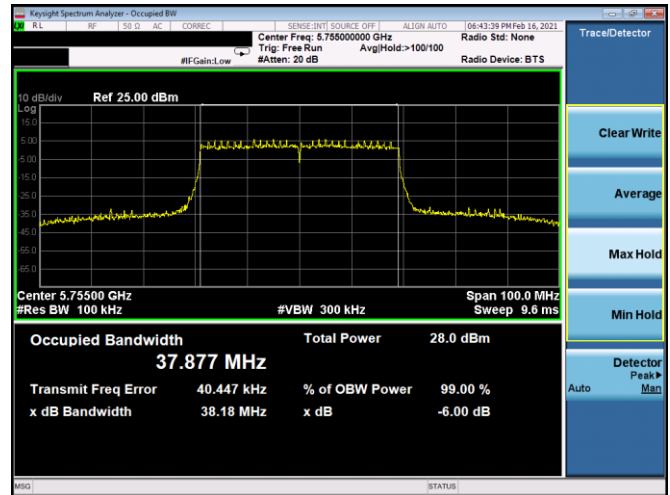
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [Mbps]	99% Occupied BW [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	n (20MHz)	17.72	17.76	0.50	Pass
	5785	157	n (20MHz)	n (20MHz)	17.73	17.74	0.50	Pass
	5825	165	n (20MHz)	n (20MHz)	17.73	17.77	0.50	Pass
	5745	149	ax (20MHz)	ax-SU (20MHz)	19.01	19.06	0.50	Pass
	5785	157	ax (20MHz)	ax-SU (20MHz)	19.00	19.09	0.50	Pass
	5825	165	ax (20MHz)	ax-SU (20MHz)	19.02	19.06	0.50	Pass
	5755	151	n (40MHz)	n (40MHz)	36.29	36.52	0.50	Pass
	5795	159	n (40MHz)	n (40MHz)	36.31	36.54	0.50	Pass
	5755	151	ax (40MHz)	ax-SU (40MHz)	37.95	38.18	0.50	Pass
	5795	159	ax (40MHz)	ax-SU (40MHz)	37.98	38.19	0.50	Pass
	5775	155	ac (80MHz)	ac (80MHz)	75.63	76.50	0.50	Pass
	5775	155	ax (80MHz)	ax-SU (80MHz)	76.85	77.09	0.50	Pass

Table 7-13. Conducted Bandwidth Measurements Antenna 4b (High Data Rate)

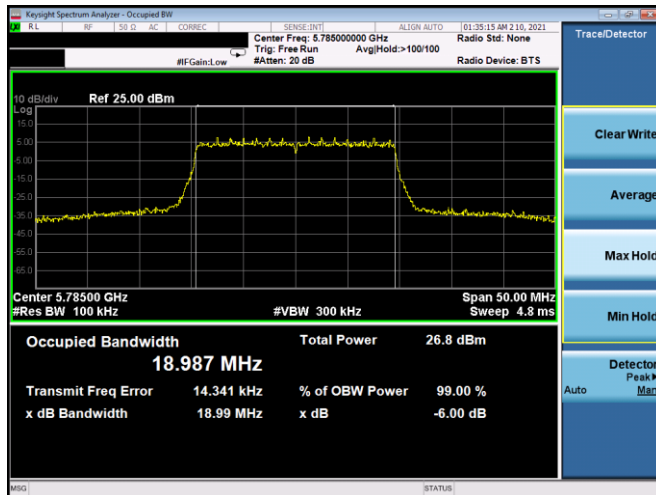
FCC ID: BCGA2379 IC: 579C-A2379	 Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 48 of 348



Plot 7-127. 6dB BW & 99% OBW Antenna 4b (20MHz BW 802.11n – Ch. 157, MCS0)



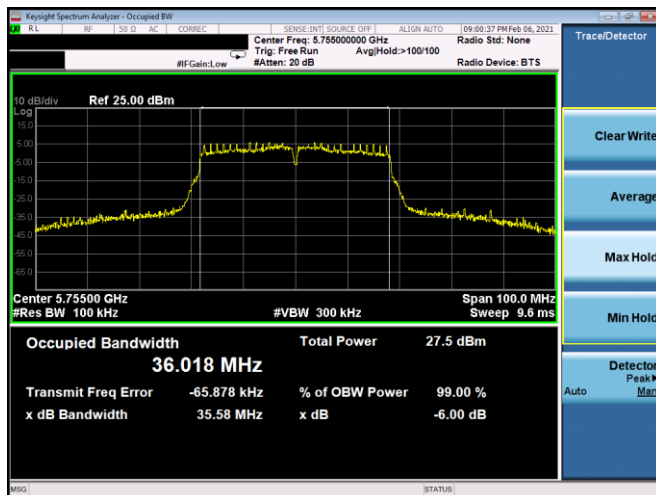
Plot 7-130. 6dB BW & 99% OBW Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 151, MCS0)



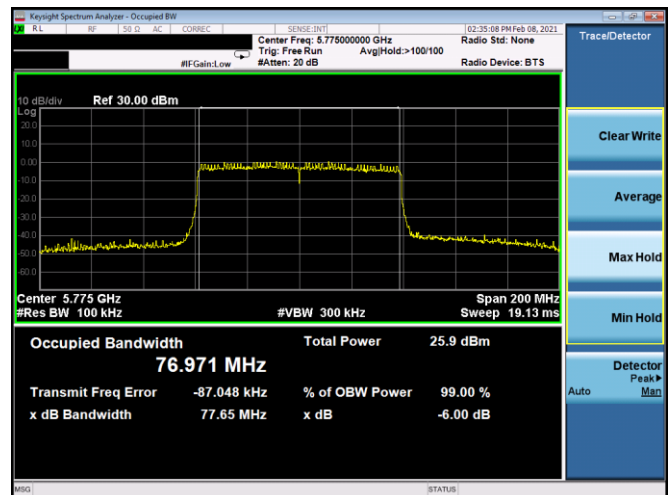
Plot 7-128. 6dB BW & 99% OBW Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 157, MCS0)



Plot 7-131. 6dB BW & 99% OBW Antenna 4b (80MHz BW 802.11ac – Ch. 155, MCS0)

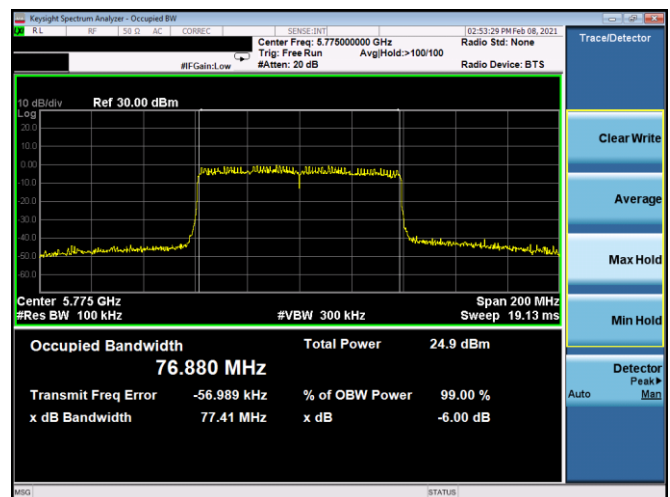
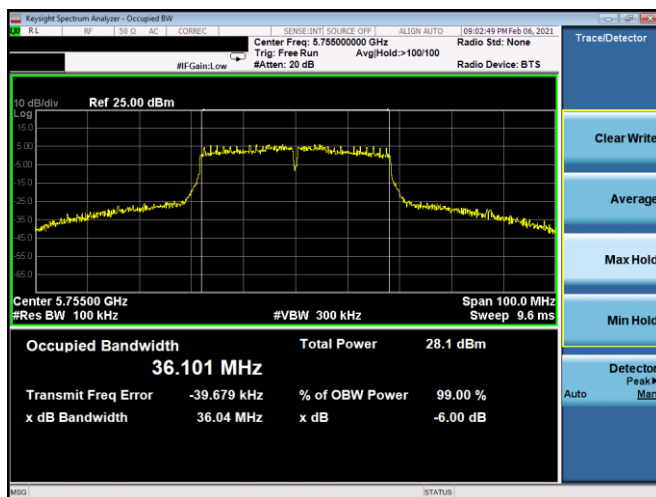
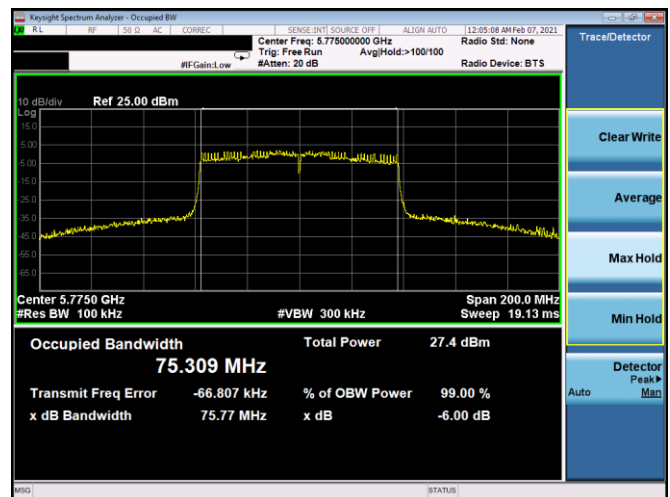
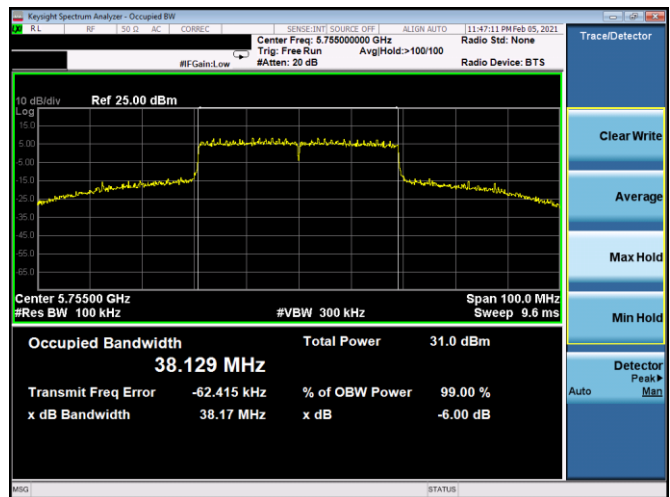
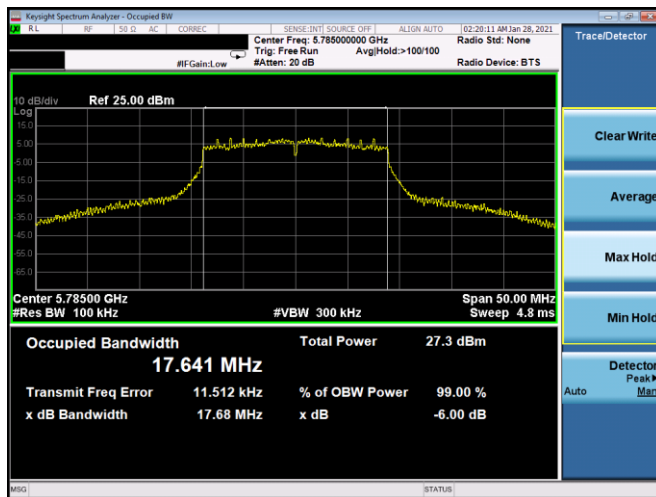


Plot 7-129. 6dB BW & 99% OBW Antenna 4b (40MHz BW 802.11n – Ch. 151, MCS0)

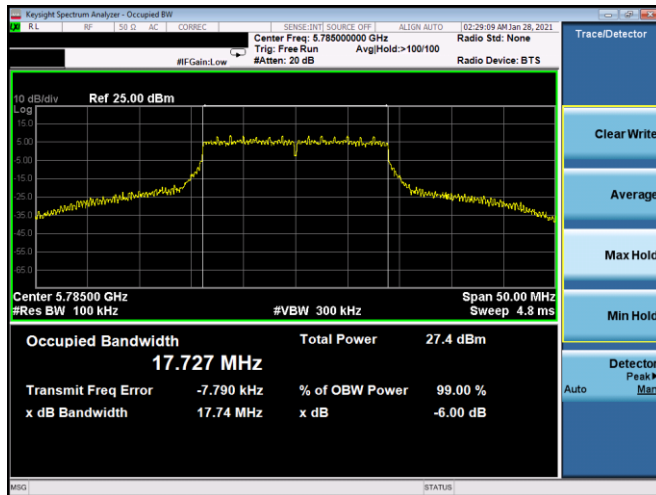


Plot 7-132. 6dB BW & 99% OBW Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 155, MCS0)

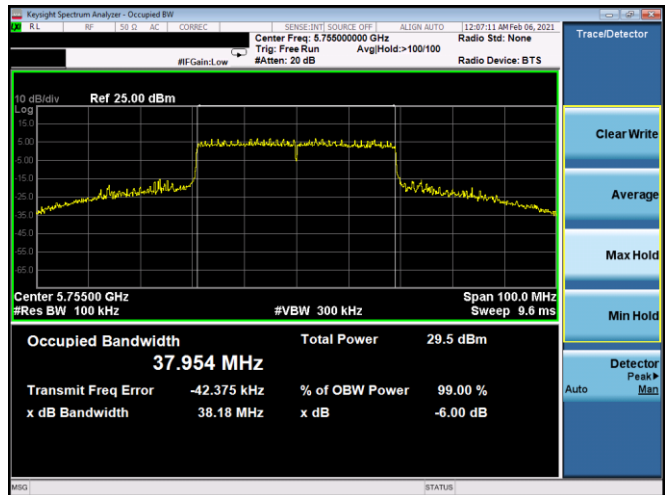
FCC ID: BCGA2379 IC: 579C-A2379			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device		Page 49 of 348



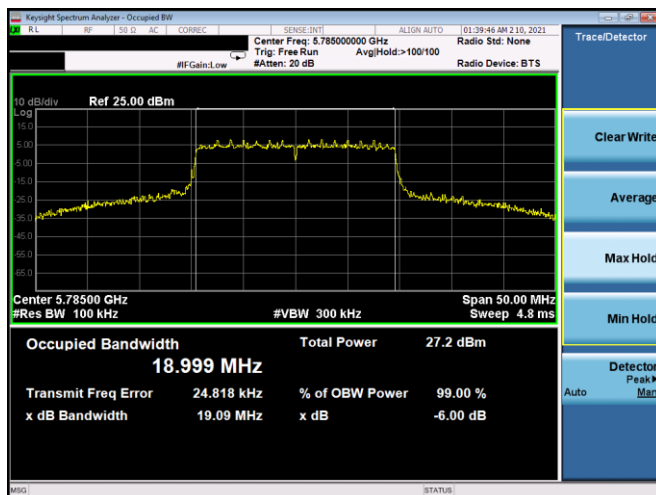
FCC ID: BCGA2379 IC: 579C-A2379			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device		Page 50 of 348



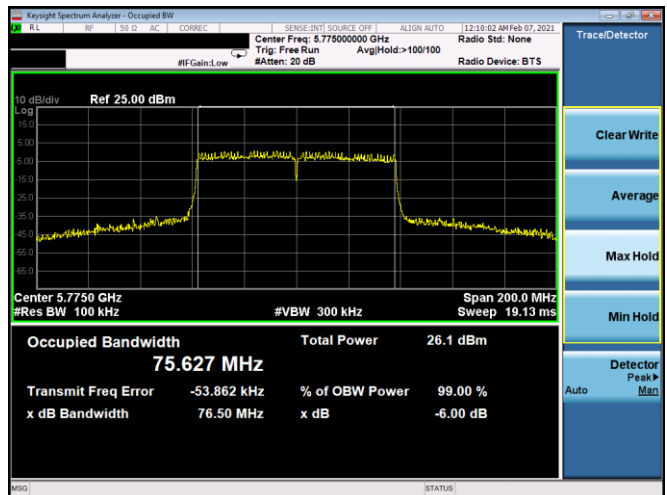
Plot 7-139. 6dB BW & 99% OBW Antenna 4b (20MHz BW 802.11n – Ch. 157, MCS5)



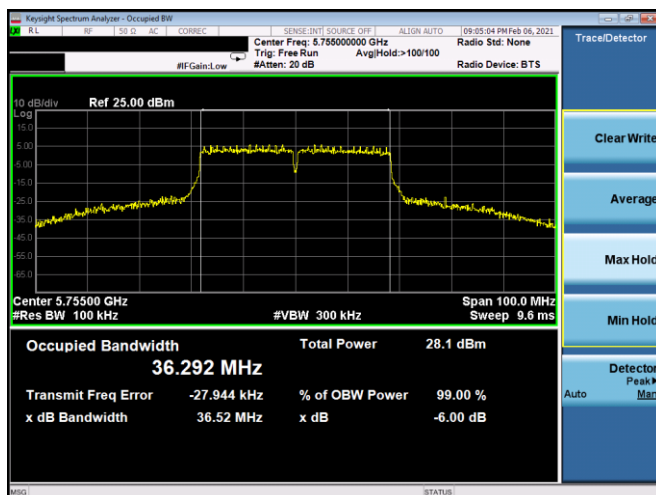
Plot 7-142. 6dB BW & 99% OBW Antenna 5b (40MHz BW 802.11ax(SU) – Ch. 151, MCS11)



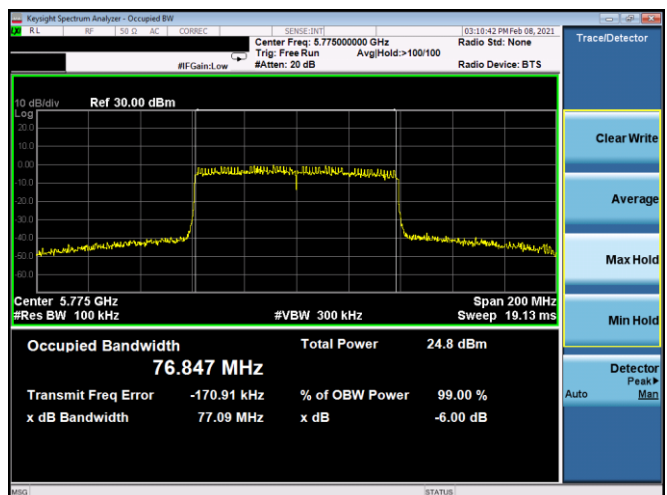
Plot 7-140. 6dB BW & 99% OBW Antenna 5b (20MHz BW 802.11ax(SU) – Ch. 157, MCS11)



Plot 7-143. 6dB BW & 99% OBW Antenna 4b (80MHz BW 802.11ac – Ch. 155, MCS5)



Plot 7-141. 6dB BW & 99% OBW Antenna 4b (40MHz BW 802.11n – Ch. 151, MCS5)



Plot 7-144. 6dB BW & 99% OBW Antenna 5b (80MHz BW 802.11ax(SU) – Ch. 155, MCS11)

FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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7.4 Conducted Output Power and Max EIRP Measurement – 802.11a/n/ac/ax(SU) §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 $11 \text{ dBm} + 10 \log_{10}(26 \text{ dB BW}) = 11 \text{ dBm} + 10 \log_{10}(20.76) = 24.17 \text{ dBm}$. 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 $11 \text{ dBm} + 10 \log_{10}(26 \text{ dB BW}) = 11 \text{ dBm} + 10 \log_{10}(20.82) = 24.18 \text{ dBm}$. 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

- 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.

FCC ID: BCGA2379 IC: 579C-A2379	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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7.4.1 FCC Antenna 5b Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax(SU)		
	5180	36	AVG	17.97	17.88	15.93	23.98	-6.01
	5200	40	AVG	19.50	19.43	19.42	23.98	-4.48
	5240	48	AVG	19.35	19.50	19.46	23.98	-4.48
	5260	52	AVG	19.31	19.38	19.43	23.98	-4.60
	5300	60	AVG	19.46	19.45	19.47	23.98	-4.52
	5320	64	AVG	19.50	19.46	17.87	23.98	-4.48
	5500	100	AVG	19.47	19.50	16.98	23.98	-4.48
	5520	104	AVG	19.49	19.50	19.48	23.98	-4.48
	5580	116	AVG	19.50	19.50	19.36	23.98	-4.48
	5660	132	AVG	19.50	19.47	19.39	23.98	-4.48
	5680	136	AVG	19.50	19.50	17.99	23.98	-4.48
	5700	140	AVG	17.99	17.97	14.43	23.98	-5.99
	5720	144	AVG	19.50	19.48	19.39	23.98	-4.48
	5745	149	AVG	19.46	19.32	19.42	30.00	-10.54
	5785	157	AVG	19.45	19.32	19.45	30.00	-10.55
	5825	165	AVG	19.38	19.44	19.42	30.00	-10.56

Table 7-14. FCC Antenna 5b 20MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax(SU)		
	5180	36	AVG	16.92	17.00	14.80	23.98	-6.98
	5200	40	AVG	19.50	19.50	19.50	23.98	-4.48
	5240	48	AVG	19.35	19.43	19.48	23.98	-4.55
	5260	52	AVG	19.50	19.43	19.38	23.98	-4.48
	5300	60	AVG	19.50	19.41	19.45	23.98	-4.48
	5320	64	AVG	18.88	18.85	16.80	23.98	-5.10
	5500	100	AVG	17.44	17.40	15.48	23.98	-6.54
	5520	104	AVG	19.43	19.47	19.50	23.98	-4.51
	5580	116	AVG	19.40	19.46	19.45	23.98	-4.52
	5660	132	AVG	19.37	19.38	19.50	23.98	-4.60
	5680	136	AVG	19.50	19.50	16.92	23.98	-4.48
	5700	140	AVG	16.00	15.89	13.50	23.98	-7.98
	5720	144	AVG	19.44	19.42	19.40	23.98	-4.54
	5745	149	AVG	19.36	19.49	19.40	30.00	-10.51
	5785	157	AVG	19.49	19.44	19.50	30.00	-10.51
	5825	165	AVG	19.50	19.40	19.37	30.00	-10.50

Table 7-15. FCC Antenna 5b 20MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

FCC ID: BCGA2379 IC: 579C-A2379		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax(SU)		
	5180	36	AVG	15.94	15.80	14.90	23.98	-8.04
	5200	40	AVG	19.50	19.23	19.50	23.98	-4.48
	5240	48	AVG	19.43	19.34	19.39	23.98	-4.55
	5260	52	AVG	19.42	19.33	19.47	23.98	-4.56
	5300	60	AVG	19.37	19.29	19.50	23.98	-4.61
	5320	64	AVG	17.86	17.91	16.50	23.98	-6.07
	5500	100	AVG	15.98	15.82	14.92	23.98	-8.00
	5520	104	AVG	19.48	19.32	18.50	23.98	-4.50
	5540	108	AVG	19.48	19.40	19.42	23.98	-4.50
	5580	116	AVG	19.50	19.24	19.50	23.98	-4.48
	5660	132	AVG	19.50	19.34	19.48	23.98	-4.48
	5680	136	AVG	18.00	17.80	17.00	23.98	-5.98
	5700	140	AVG	14.77	14.74	13.50	23.98	-9.21
	5720	144	AVG	19.42	19.35	19.50	23.98	-4.56
	5745	149	AVG	19.50	19.42	19.50	30.00	-10.50
	5785	157	AVG	19.41	19.44	19.50	30.00	-10.56
	5825	165	AVG	19.50	19.38	19.50	30.00	-10.50

Table 7-16. FCC Antenna 5b 20MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax(SU)		
	5190	38	AVG	14.92	14.50	23.98	-9.06
	5230	46	AVG	19.40	19.33	23.98	-4.58
	5270	54	AVG	19.50	19.50	23.98	-4.48
	5310	62	AVG	16.00	14.92	23.98	-7.98
	5510	102	AVG	15.00	14.47	23.98	-8.98
	5550	110	AVG	19.43	19.50	23.98	-4.55
	5630	126	AVG	19.32	19.36	23.98	-4.66
	5670	134	AVG	16.98	17.00	23.98	-7.00
	5710	142	AVG	19.48	19.50	23.98	-4.50
	5755	151	AVG	19.35	19.49	30.00	-10.65
	5795	159	AVG	19.50	19.44	30.00	-10.50

Table 7-17. FCC Antenna 5b 40MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

FCC ID: BCGA2379 IC: 579C-A2379		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 54 of 348

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax(SU)		
	5190	38	AVG	14.43	13.79	23.98	-9.55
	5230	46	AVG	19.48	19.37	23.98	-4.50
	5270	54	AVG	19.50	19.43	23.98	-4.48
	5310	62	AVG	14.97	14.43	23.98	-9.01
	5510	102	AVG	14.40	13.93	23.98	-9.58
	5550	110	AVG	19.40	18.40	23.98	-4.58
	5590	118	AVG	19.37	19.38	23.98	-4.61
	5630	126	AVG	19.41	18.92	23.98	-4.57
	5670	134	AVG	16.00	15.85	23.98	-7.98
	5710	142	AVG	19.50	19.43	23.98	-4.48
	5755	151	AVG	19.35	19.41	30.00	-10.65
	5795	159	AVG	19.50	19.42	30.00	-10.50

Table 7-18. FCC Antenna 5b 40MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax(SU)		
	5190	38	AVG	13.50	12.93	23.98	-10.48
	5230	46	AVG	19.44	19.46	23.98	-4.54
	5270	54	AVG	19.47	19.47	23.98	-4.51
	5310	62	AVG	14.50	13.40	23.98	-9.48
	5510	102	AVG	12.82	13.00	23.98	-11.16
	5550	110	AVG	18.80	17.98	23.98	-5.18
	5590	118	AVG	19.30	19.47	23.98	-4.68
	5630	126	AVG	19.38	17.84	23.98	-4.60
	5670	134	AVG	14.94	15.00	23.98	-9.04
	5710	142	AVG	19.41	19.34	23.98	-4.57
	5755	151	AVG	19.44	19.44	30.00	-10.56
	5795	159	AVG	19.50	19.50	30.00	-10.50

Table 7-19. FCC Antenna 5b 40MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2379 IC: 579C-A2379	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax(SU)		
	5210	42	AVG	12.40	12.30	23.98	-11.58
	5290	58	AVG	14.84	14.83	23.98	-9.14
	5530	106	AVG	15.50	15.38	23.98	-8.48
	5610	122	AVG	17.92	17.83	23.98	-6.06
	5690	138	AVG	19.47	19.45	23.98	-4.51
	5775	155	AVG	18.88	17.84	30.00	-11.12

Table 7-20. FCC Antenna 5b 80MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax(SU)		
	5210	42	AVG	12.35	11.85	23.98	-11.63
	5290	58	AVG	14.00	14.00	23.98	-9.98
	5530	106	AVG	14.50	13.97	23.98	-9.48
	5610	122	AVG	17.38	16.17	23.98	-6.60
	5690	138	AVG	19.41	19.50	23.98	-4.57
	5775	155	AVG	18.50	17.44	30.00	-11.50

Table 7-21. FCC Antenna 5b 80MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax(SU)		
	5210	42	AVG	11.38	11.50	23.98	-12.60
	5290	58	AVG	13.50	13.39	23.98	-10.48
	5530	106	AVG	13.31	12.50	23.98	-10.67
	5610	122	AVG	15.81	15.83	23.98	-8.17
	5690	138	AVG	19.44	19.50	23.98	-4.54
	5775	155	AVG	16.87	17.00	30.00	-13.13

Table 7-22. FCC Antenna 5b 80MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2379 IC: 579C-A2379	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 56 of 348

7.4.2 ISED Antenna 5b Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode			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]
				802.11a	802.11n	802.11ax(SU)						
	5180	36	AVG	14.12	14.25	14.21	-	-	4.70	18.95	23.01	-4.06
	5200	40	AVG	14.14	14.23	14.16	-	-	4.70	18.93	23.01	-4.08
	5240	48	AVG	14.18	14.19	14.16	-	-	4.70	18.89	23.01	-4.12
	5260	52	AVG	19.31	19.38	19.43	23.98	-4.60	4.90	24.28	30.00	-5.72
	5300	60	AVG	19.46	19.45	19.47	23.98	-4.52	4.90	24.36	30.00	-5.64
	5320	64	AVG	19.50	19.46	17.87	23.98	-4.48	4.90	24.40	30.00	-5.60
	5500	100	AVG	19.47	19.50	16.98	23.98	-4.48	5.10	24.60	30.00	-5.40
	5520	104	AVG	19.49	19.50	19.48	23.98	-4.48	5.10	24.60	30.00	-5.40
	5580	116	AVG	19.50	19.50	19.36	23.98	-4.48	5.10	24.60	30.00	-5.40
	5660	132	AVG	19.50	19.47	19.39	23.98	-4.48	5.10	24.60	30.00	-5.40
	5680	136	AVG	19.50	19.50	17.99	23.98	-4.48	5.10	24.60	30.00	-5.40
	5700	140	AVG	17.99	17.97	14.43	23.98	-5.99	5.10	23.09	30.00	-6.91
	5720	144	AVG	19.50	19.48	19.39	23.98	-4.48	5.10	24.60	30.00	-5.40
	5745	149	AVG	19.46	19.32	19.42	30.00	-10.54	5.10	24.56	-	-
	5785	157	AVG	19.45	19.32	19.45	30.00	-10.55	5.10	24.55	-	-
	5825	165	AVG	19.38	19.44	19.42	30.00	-10.56	5.10	24.54	-	-

Table 7-23. ISED Antenna 5b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode			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]
				802.11a	802.11n	802.11ax(SU)						
	5180	36	AVG	14.24	14.02	14.25	-	-	4.70	18.94	23.01	-4.07
	5200	40	AVG	14.25	14.12	14.19	-	-	4.70	18.95	23.01	-4.06
	5240	48	AVG	14.18	14.24	14.24	-	-	4.70	18.94	23.01	-4.07
	5260	52	AVG	19.50	19.43	19.38	23.98	-4.48	4.90	24.40	30.00	-5.60
	5300	60	AVG	19.50	19.41	19.45	23.98	-4.48	4.90	24.40	30.00	-5.60
	5320	64	AVG	18.88	18.85	16.80	23.98	-5.10	4.90	23.78	30.00	-6.22
	5500	100	AVG	17.44	17.40	15.48	23.98	-6.54	5.10	22.54	30.00	-7.46
	5520	104	AVG	19.43	19.47	19.50	23.98	-4.51	5.10	24.57	30.00	-5.43
	5580	116	AVG	19.40	19.46	19.45	23.98	-4.52	5.10	24.56	30.00	-5.44
	5660	132	AVG	19.37	19.38	19.50	23.98	-4.60	5.10	24.48	30.00	-5.52
	5680	136	AVG	19.50	19.50	16.92	23.98	-4.48	5.10	24.60	30.00	-5.40
	5700	140	AVG	16.00	15.89	13.50	23.98	-7.98	5.10	21.10	30.00	-8.90
	5720	144	AVG	19.44	19.42	19.40	23.98	-4.54	5.10	24.54	30.00	-5.46
	5745	149	AVG	19.36	19.49	19.40	30.00	-10.51	5.10	24.59	-	-
	5785	157	AVG	19.49	19.44	19.50	30.00	-10.51	5.10	24.59	-	-
	5825	165	AVG	19.50	19.40	19.37	30.00	-10.50	5.10	24.60	-	-

Table 7-24. ISED Antenna 5b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

FCC ID: BCGA2379 IC: 579C-A2379		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode			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]
				802.11a	802.11n	802.11ax(SU)						
	5180	36	AVG	14.24	14.25	14.16	-	-	4.70	18.95	23.01	-4.06
	5200	40	AVG	14.18	14.04	14.15	-	-	4.70	18.88	23.01	-4.13
	5240	48	AVG	14.23	14.19	14.17	-	-	4.70	18.93	23.01	-4.08
	5260	52	AVG	19.42	19.33	19.47	23.98	-4.56	4.90	24.32	30.00	-5.68
	5300	60	AVG	19.37	19.29	19.50	23.98	-4.61	4.90	24.27	30.00	-5.73
	5320	64	AVG	17.86	17.91	16.50	23.98	-6.07	4.90	22.81	30.00	-7.19
	5500	100	AVG	15.98	15.82	14.92	23.98	-8.00	5.10	21.08	30.00	-8.92
	5520	104	AVG	19.48	19.32	18.50	23.98	-4.50	5.10	24.58	30.00	-5.42
	5540	108	AVG	19.48	19.40	19.42	23.98	-4.50	5.10	24.58	30.00	-5.42
	5580	116	AVG	19.50	19.24	19.50	23.98	-4.48	5.10	24.60	30.00	-5.40
	5660	132	AVG	19.50	19.34	19.48	23.98	-4.48	5.10	24.60	30.00	-5.40
	5680	136	AVG	18.00	17.80	17.00	23.98	-5.98	5.10	23.10	30.00	-6.90
	5700	140	AVG	14.77	14.74	13.50	23.98	-9.21	5.10	19.87	30.00	-10.13
	5720	144	AVG	19.42	19.35	19.50	23.98	-4.56	5.10	24.52	30.00	-5.48
	5745	149	AVG	19.50	19.42	19.50	30.00	-10.50	5.10	24.60	-	-
	5785	157	AVG	19.41	19.44	19.50	30.00	-10.56	5.10	24.54	-	-
	5825	165	AVG	19.50	19.38	19.50	30.00	-10.50	5.10	24.60	-	-

Table 7-25. ISED Antenna 5b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		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]
				802.11n	802.11ax(SU)						
	5190	38	AVG	14.91	14.22	-	-	4.70	19.61	23.01	-3.40
	5230	46	AVG	17.01	17.11	-	-	4.70	21.71	23.01	-1.30
	5270	54	AVG	19.50	19.50	23.98	-4.48	4.90	24.40	30.00	-5.60
	5310	62	AVG	16.00	14.92	23.98	-7.98	4.90	20.90	30.00	-9.10
	5510	102	AVG	15.00	14.47	23.98	-8.98	5.10	20.10	30.00	-9.90
	5550	110	AVG	19.43	19.50	23.98	-4.55	5.10	24.53	30.00	-5.47
	5630	126	AVG	19.32	19.36	23.98	-4.66	5.10	24.42	30.00	-5.58
	5670	134	AVG	16.98	17.00	23.98	-7.00	5.10	22.08	30.00	-7.92
	5710	142	AVG	19.48	19.50	23.98	-4.50	5.10	24.58	30.00	-5.42
	5755	151	AVG	19.35	19.49	30.00	-10.65	5.10	24.45	-	-
	5795	159	AVG	19.50	19.44	30.00	-10.50	5.10	24.60	-	-

Table 7-26. ISED Antenna 5b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		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]
				802.11n	802.11ax(SU)						
	5190	38	AVG	14.47	13.82	-	-	4.70	19.17	23.01	-3.84
	5230	46	AVG	17.07	17.13	-	-	4.70	21.77	23.01	-1.24
	5270	54	AVG	19.50	19.43	23.98	-4.48	4.90	24.40	30.00	-5.60
	5310	62	AVG	14.97	14.43	23.98	-9.01	4.90	19.87	30.00	-10.13
	5510	102	AVG	14.40	13.93	23.98	-9.58	5.10	19.50	30.00	-10.50
	5550	110	AVG	19.40	18.40	23.98	-4.58	5.10	24.50	30.00	-5.50
	5630	126	AVG	19.41	18.92	23.98	-4.57	5.10	24.51	30.00	-5.49
	5670	134	AVG	16.00	15.85	23.98	-7.98	5.10	21.10	30.00	-8.90
	5710	142	AVG	19.50	19.43	23.98	-4.48	5.10	24.60	30.00	-5.40
	5755	151	AVG	19.35	19.41	30.00	-10.65	5.10	24.45	-	-
	5795	159	AVG	19.50	19.42	30.00	-10.50	5.10	24.60	-	-

Table 7-27. ISED Antenna 5b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

FCC ID: BCGA2379 IC: 579C-A2379		 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		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]
				802.11n	802.11ax(SU)						
	5190	38	AVG	13.42	12.90	-	-	4.70	18.12	23.01	-4.89
	5230	46	AVG	17.18	17.17	-	-	4.70	21.88	23.01	-1.13
	5270	54	AVG	19.47	19.47	23.98	-4.51	4.90	24.37	30.00	-5.63
	5310	62	AVG	14.50	13.40	23.98	-9.48	4.90	19.40	30.00	-10.60
	5510	102	AVG	12.82	13.00	23.98	-11.16	5.10	17.92	30.00	-12.08
	5550	110	AVG	18.80	17.98	23.98	-5.18	5.10	23.90	30.00	-6.10
	5630	126	AVG	19.38	17.84	23.98	-4.60	5.10	24.48	30.00	-5.52
	5670	134	AVG	14.94	15.00	23.98	-9.04	5.10	20.04	30.00	-9.96
	5710	142	AVG	19.41	19.34	23.98	-4.57	5.10	24.51	30.00	-5.49
	5755	151	AVG	19.44	19.44	30.00	-10.56	5.10	24.54	-	-
	5795	159	AVG	19.50	19.50	30.00	-10.50	5.10	24.60	-	-

Table 7-28. ISED Antenna 5b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		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]
				802.11ac	802.11ax(SU)						
	5210	42	AVG	12.38	12.40	-	-	4.70	17.08	23.01	-5.93
	5290	58	AVG	14.84	14.83	23.98	-9.14	4.90	19.74	30.00	-10.26
	5530	106	AVG	15.50	15.38	23.98	-8.48	5.10	20.60	30.00	-9.40
	5690	138	AVG	19.47	19.45	23.98	-4.51	5.10	24.57	30.00	-5.43
	5775	155	AVG	18.88	17.84	30.00	-11.12	5.10	23.98	-	-

Table 7-29. ISED Antenna 5b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		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]
				802.11ac	802.11ax(SU)						
	5210	42	AVG	12.35	11.76	-	-	4.70	17.05	23.01	-5.96
	5290	58	AVG	14.00	14.00	23.98	-9.98	4.90	18.90	30.00	-11.10
	5530	106	AVG	14.50	13.97	23.98	-9.48	5.10	19.60	30.00	-10.40
	5690	138	AVG	19.41	19.50	23.98	-4.57	5.10	24.51	30.00	-5.49
	5775	155	AVG	18.50	17.44	30.00	-11.50	5.10	23.60	-	-

Table 7-30. ISED Antenna 5b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		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]
				802.11ac	802.11ax(SU)						
	5210	42	AVG	11.31	11.42	-	-	4.70	16.01	23.01	-7.00
	5290	58	AVG	13.50	13.39	23.98	-10.48	4.90	18.40	30.00	-11.60
	5530	106	AVG	13.31	12.50	23.98	-10.67	5.10	18.41	30.00	-11.59
	5690	138	AVG	19.44	19.50	23.98	-4.54	5.10	24.54	30.00	-5.46
	5775	155	AVG	16.87	17.00	30.00	-13.13	5.10	21.97	-	-

Table 7-31. ISED Antenna 5b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

FCC ID: BCGA2379 IC: 579C-A2379	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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7.4.3 FCC Antenna 4b Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax(SU)		
	5180	36	AVG	17.98	17.84	16.00	23.98	-6.00
	5200	40	AVG	19.50	19.46	19.34	23.98	-4.48
	5240	48	AVG	19.50	19.50	19.42	23.98	-4.48
	5260	52	AVG	19.49	19.42	19.38	23.98	-4.49
	5300	60	AVG	19.42	19.50	19.43	23.98	-4.48
	5320	64	AVG	19.50	19.50	17.79	23.98	-4.48
	5500	100	AVG	19.50	19.43	16.94	23.98	-4.48
	5520	104	AVG	19.50	19.45	19.44	23.98	-4.48
	5580	116	AVG	19.50	19.47	19.50	23.98	-4.48
	5660	132	AVG	19.50	19.39	19.40	23.98	-4.48
	5680	136	AVG	19.50	19.50	17.85	23.98	-4.48
	5700	140	AVG	18.00	17.99	14.50	23.98	-5.98
	5720	144	AVG	19.50	19.50	19.43	23.98	-4.48
	5745	149	AVG	19.50	19.50	19.40	30.00	-10.50
	5785	157	AVG	19.50	19.50	19.39	30.00	-10.50
	5825	165	AVG	19.50	19.50	19.43	30.00	-10.50

Table 7-32. FCC Antenna 4b 20MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax(SU)		
	5180	36	AVG	16.90	16.93	14.99	23.98	-7.05
	5200	40	AVG	19.39	19.30	19.41	23.98	-4.59
	5240	48	AVG	19.44	19.50	19.44	23.98	-4.48
	5260	52	AVG	19.47	19.50	19.48	23.98	-4.48
	5300	60	AVG	19.39	19.43	19.32	23.98	-4.55
	5320	64	AVG	18.94	19.00	17.00	23.98	-4.98
	5500	100	AVG	17.33	17.40	15.32	23.98	-6.58
	5520	104	AVG	19.43	19.40	19.38	23.98	-4.55
	5580	116	AVG	19.50	19.41	19.47	23.98	-4.48
	5660	132	AVG	19.48	19.50	19.50	23.98	-4.48
	5680	136	AVG	19.47	19.44	16.82	23.98	-4.51
	5700	140	AVG	15.86	15.98	13.32	23.98	-8.00
	5720	144	AVG	19.45	19.42	19.46	23.98	-4.53
	5745	149	AVG	19.37	19.40	19.44	30.00	-10.60
	5785	157	AVG	19.50	19.50	19.37	30.00	-10.50
	5825	165	AVG	19.47	19.38	19.33	30.00	-10.53

Table 7-33. FCC Antenna 4b 20MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

FCC ID: BCGA2379 IC: 579C-A2379		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax(SU)		
	5180	36	AVG	15.87	15.96	14.95	23.98	-8.02
	5200	40	AVG	19.42	19.30	19.50	23.98	-4.56
	5240	48	AVG	19.41	19.39	19.50	23.98	-4.57
	5260	52	AVG	19.50	19.35	19.45	23.98	-4.48
	5300	60	AVG	19.39	19.41	19.41	23.98	-4.57
	5320	64	AVG	18.00	18.00	16.38	23.98	-5.98
	5500	100	AVG	16.00	15.70	14.92	23.98	-7.98
	5520	104	AVG	19.50	19.37	18.48	23.98	-4.48
	5540	108	AVG	19.50	19.42	19.50	23.98	-4.48
	5580	116	AVG	19.47	19.40	19.45	23.98	-4.51
	5660	132	AVG	19.40	19.40	19.50	23.98	-4.58
	5680	136	AVG	17.89	17.85	17.00	23.98	-6.09
	5700	140	AVG	15.00	15.00	13.50	23.98	-8.98
	5720	144	AVG	19.50	19.32	19.50	23.98	-4.48
	5745	149	AVG	19.37	19.40	19.38	30.00	-10.60
	5785	157	AVG	19.50	19.36	19.50	30.00	-10.50
	5825	165	AVG	19.50	19.37	19.49	30.00	-10.50

Table 7-34. FCC Antenna 4b 20MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax(SU)		
	5190	38	AVG	15.00	14.47	23.98	-8.98
	5230	46	AVG	19.46	19.50	23.98	-4.52
	5270	54	AVG	19.50	19.39	23.98	-4.48
	5310	62	AVG	15.99	15.00	23.98	-7.99
	5510	102	AVG	14.95	14.45	23.98	-9.03
	5550	110	AVG	19.50	19.50	23.98	-4.48
	5630	126	AVG	19.27	19.36	23.98	-4.71
	5670	134	AVG	17.00	16.89	23.98	-6.98
	5710	142	AVG	19.50	19.48	23.98	-4.48
	5755	151	AVG	19.50	19.47	30.00	-10.50
	5795	159	AVG	19.42	19.50	30.00	-10.58

Table 7-35. FCC Antenna 4b 40MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

FCC ID: BCGA2379 IC: 579C-A2379		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax(SU)		
	5190	38	AVG	14.41	13.90	23.98	-9.57
	5230	46	AVG	19.50	19.48	23.98	-4.48
	5270	54	AVG	19.46	19.49	23.98	-4.52
	5310	62	AVG	15.00	14.35	23.98	-8.98
	5510	102	AVG	14.30	13.92	23.98	-9.68
	5550	110	AVG	19.47	18.50	23.98	-4.51
	5590	118	AVG	19.22	19.21	23.98	-4.76
	5630	126	AVG	19.33	18.94	23.98	-4.65
	5670	134	AVG	15.86	15.94	23.98	-8.12
	5710	142	AVG	19.36	19.42	23.98	-4.62
	5755	151	AVG	19.43	19.40	30.00	-10.57
	5795	159	AVG	19.50	19.50	30.00	-10.50

Table 7-36. FCC Antenna 4b 40MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax(SU)		
	5190	38	AVG	13.49	13.00	23.98	-10.49
	5230	46	AVG	19.45	19.46	23.98	-4.53
	5270	54	AVG	19.40	19.50	23.98	-4.58
	5310	62	AVG	14.28	13.50	23.98	-9.70
	5510	102	AVG	12.98	12.84	23.98	-11.00
	5550	110	AVG	18.80	17.78	23.98	-5.18
	5590	118	AVG	19.21	19.29	23.98	-4.77
	5630	126	AVG	19.39	17.81	23.98	-4.59
	5670	134	AVG	14.80	14.99	23.98	-9.18
	5710	142	AVG	19.48	19.44	23.98	-4.50
	5755	151	AVG	19.37	19.49	30.00	-10.63
	5795	159	AVG	19.35	19.40	30.00	-10.65

Table 7-37. FCC Antenna 4b 40MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2379 IC: 579C-A2379	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2101020005-15-R1.BCG	Test Dates: 12/12/2020 - 03/2/2021	EUT Type: Tablet Device	Page 62 of 348

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax(SU)		
	5210	42	AVG	12.5	12.40	23.98	-11.48
	5290	58	AVG	14.93	15.00	23.98	-9.05
	5530	106	AVG	15.42	15.37	23.98	-8.56
	5610	122	AVG	17.93	17.83	23.98	-6.05
	5690	138	AVG	19.50	19.50	23.98	-4.48
	5775	155	AVG	18.79	17.85	30.00	-11.21

Table 7-38. FCC Antenna 4b 80MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax(SU)		
	5210	42	AVG	12.5	12.00	23.98	-11.48
	5290	58	AVG	13.92	14.00	23.98	-10.06
	5530	106	AVG	14.40	13.97	23.98	-9.58
	5610	122	AVG	17.27	16.26	23.98	-6.71
	5690	138	AVG	19.46	19.46	23.98	-4.52
	5775	155	AVG	18.40	17.42	30.00	-11.60

Table 7-39. FCC Antenna 4b 80MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax(SU)		
	5210	42	AVG	11.37	11.50	23.98	-12.61
	5290	58	AVG	13.36	13.45	23.98	-10.62
	5530	106	AVG	13.27	12.50	23.98	-10.71
	5610	122	AVG	15.75	15.81	23.98	-8.23
	5690	138	AVG	19.40	19.35	23.98	-4.58
	5775	155	AVG	16.94	16.88	30.00	-13.06

Table 7-40. FCC Antenna 4b 80MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

FCC ID: BCGA2379 IC: 579C-A2379	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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7.4.4 ISED Antenna 4b Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode			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]
				802.11a	802.11n	802.11ax(SU)						
	5180	36	AVG	14.14	14.22	14.13	-	-	0.60	14.82	23.01	-8.19
	5200	40	AVG	14.18	14.08	14.18	-	-	0.60	14.78	23.01	-8.23
	5240	48	AVG	14.21	14.14	14.04	-	-	0.60	14.81	23.01	-8.20
	5260	52	AVG	19.49	19.42	19.38	23.98	-4.49	-0.60	18.89	30.00	-11.11
	5300	60	AVG	19.42	19.50	19.43	23.98	-4.48	-0.60	18.90	30.00	-11.10
	5320	64	AVG	19.50	19.50	17.79	23.98	-4.48	-0.60	18.90	30.00	-11.10
	5500	100	AVG	19.50	19.43	16.94	23.98	-4.48	-1.40	18.10	30.00	-11.90
	5520	104	AVG	19.50	19.45	19.44	23.98	-4.48	-1.40	18.10	30.00	-11.90
	5580	116	AVG	19.50	19.47	19.50	23.98	-4.48	-1.40	18.10	30.00	-11.90
	5660	132	AVG	19.50	19.39	19.40	23.98	-4.48	-1.40	18.10	30.00	-11.90
	5680	136	AVG	19.50	19.50	17.85	23.98	-4.48	-1.40	18.10	30.00	-11.90
	5700	140	AVG	18.00	17.99	14.50	23.98	-5.98	-1.40	16.60	30.00	-13.40
	5720	144	AVG	19.50	19.50	19.43	23.98	-4.48	-1.40	18.10	30.00	-11.90
	5745	149	AVG	19.50	19.50	19.40	30.00	-10.50	0.40	19.90	-	-
	5785	157	AVG	19.50	19.50	19.39	30.00	-10.50	0.40	19.90	-	-
	5825	165	AVG	19.50	19.50	19.43	30.00	-10.50	0.40	19.90	-	-

Table 7-41. ISED Antenna 4b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode			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]
				802.11a	802.11n	802.11ax(SU)						
	5180	36	AVG	14.19	14.07	14.08	-	-	0.60	14.79	23.01	-8.22
	5200	40	AVG	14.23	14.02	14.08	-	-	0.60	14.83	23.01	-8.18
	5240	48	AVG	14.25	14.11	14.19	-	-	0.60	14.85	23.01	-8.16
	5260	52	AVG	19.47	19.50	19.48	23.98	-4.48	-0.60	18.90	30.00	-11.10
	5300	60	AVG	19.39	19.43	19.32	23.98	-4.55	-0.60	18.83	30.00	-11.17
	5320	64	AVG	18.94	19.00	17.00	23.98	-4.98	-0.60	18.40	30.00	-11.60
	5500	100	AVG	17.33	17.40	15.32	23.98	-6.58	-1.40	16.00	30.00	-14.00
	5520	104	AVG	19.43	19.40	19.38	23.98	-4.55	-1.40	18.03	30.00	-11.97
	5580	116	AVG	19.50	19.41	19.47	23.98	-4.48	-1.40	18.10	30.00	-11.90
	5660	132	AVG	19.48	19.50	19.50	23.98	-4.48	-1.40	18.10	30.00	-11.90
	5680	136	AVG	19.47	19.44	16.82	23.98	-4.51	-1.40	18.07	30.00	-11.93
	5700	140	AVG	15.86	15.98	13.32	23.98	-8.00	-1.40	14.58	30.00	-15.42
	5720	144	AVG	19.45	19.42	19.46	23.98	-4.53	-1.40	18.05	30.00	-11.95
	5745	149	AVG	19.37	19.40	19.44	30.00	-10.60	0.40	19.80	-	-
	5785	157	AVG	19.50	19.50	19.37	30.00	-10.50	0.40	19.90	-	-
	5825	165	AVG	19.47	19.38	19.33	30.00	-10.53	0.40	19.87	-	-

Table 7-42. ISED Antenna 4b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

FCC ID: BCGA2379 IC: 579C-A2379		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode			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]
				802.11a	802.11n	802.11ax(SU)						
	5180	36	AVG	14.25	14.22	14.13	-	-	0.60	14.85	23.01	-8.16
	5200	40	AVG	14.20	14.08	14.18	-	-	0.60	14.80	23.01	-8.21
	5240	48	AVG	14.22	14.14	14.04	-	-	0.60	14.82	23.01	-8.19
	5260	52	AVG	19.50	19.35	19.45	23.98	-4.48	-0.60	18.90	30.00	-11.10
	5300	60	AVG	19.39	19.41	19.41	23.98	-4.57	-0.60	18.81	30.00	-11.19
	5320	64	AVG	18.00	18.00	16.38	23.98	-5.98	-0.60	17.40	30.00	-12.60
	5500	100	AVG	16.00	15.70	14.92	23.98	-7.98	-1.40	14.60	30.00	-15.40
	5520	104	AVG	19.50	19.37	18.48	23.98	-4.48	-1.40	18.10	30.00	-11.90
	5540	108	AVG	19.50	19.42	19.50	23.98	-4.48	-1.40	18.10	30.00	-11.90
	5580	116	AVG	19.47	19.40	19.45	23.98	-4.51	-1.40	18.07	30.00	-11.93
	5660	132	AVG	19.40	19.40	19.50	23.98	-4.58	-1.40	18.00	30.00	-12.00
	5680	136	AVG	17.89	17.85	17.00	23.98	-6.09	-1.40	16.49	30.00	-13.51
	5700	140	AVG	15.00	15.00	13.50	23.98	-8.98	-1.40	13.60	30.00	-16.40
	5720	144	AVG	19.50	19.32	19.50	23.98	-4.48	-1.40	18.10	30.00	-11.90
	5745	149	AVG	19.37	19.40	19.38	30.00	-10.60	0.40	19.80	-	-
	5785	157	AVG	19.50	19.36	19.50	30.00	-10.50	0.40	19.90	-	-
	5825	165	AVG	19.50	19.37	19.49	30.00	-10.50	0.40	19.90	-	-

Table 7-43. ISED Antenna 4b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		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]
				802.11n	802.11ax(SU)						
	5190	38	AVG	14.92	14.46	-	-	0.60	15.52	23.01	-7.49
	5230	46	AVG	17.13	17.22	-	-	0.60	17.73	23.01	-5.28
	5270	54	AVG	19.50	19.39	23.98	-4.48	-0.60	18.90	30.00	-11.10
	5310	62	AVG	15.99	15.00	23.98	-7.99	-0.60	15.39	30.00	-14.61
	5510	102	AVG	14.95	14.45	23.98	-9.03	-1.40	13.55	30.00	-16.45
	5550	110	AVG	19.50	19.50	23.98	-4.48	-1.40	18.10	30.00	-11.90
	5670	134	AVG	17.00	16.89	23.98	-6.98	-1.40	15.60	30.00	-14.40
	5710	142	AVG	19.50	19.48	23.98	-4.48	-1.40	18.10	30.00	-11.90
	5755	151	AVG	19.50	19.47	30.00	-10.50	0.40	19.90	-	-
	5795	159	AVG	19.42	19.50	30.00	-10.58	0.40	19.82	-	-

Table 7-44. ISED Antenna 4b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		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]
				802.11n	802.11ax(SU)						
	5190	38	AVG	14.42	13.76	-	-	0.60	15.02	23.01	-7.99
	5230	46	AVG	17.10	17.16	-	-	0.60	17.70	23.01	-5.31
	5270	54	AVG	19.46	19.49	23.98	-4.52	-0.60	18.86	30.00	-11.14
	5310	62	AVG	15.00	14.35	23.98	-8.98	-0.60	14.40	30.00	-15.60
	5510	102	AVG	14.30	13.92	23.98	-9.68	-1.40	12.90	30.00	-17.10
	5550	110	AVG	19.47	18.50	23.98	-4.51	-1.40	18.07	30.00	-11.93
	5670	134	AVG	15.86	15.94	23.98	-8.12	-1.40	14.46	30.00	-15.54
	5710	142	AVG	19.36	19.42	23.98	-4.62	-1.40	17.96	30.00	-12.04
	5755	151	AVG	19.43	19.40	30.00	-10.57	0.40	19.83	-	-
	5795	159	AVG	19.50	19.50	30.00	-10.50	0.40	19.90	-	-

Table 7-45. ISED Antenna 4b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

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5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		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]
				802.11n	802.11ax(SU)						
	5190	38	AVG	13.50	12.86	-	-	0.60	14.10	23.01	-8.91
	5230	46	AVG	17.15	17.23	-	-	0.60	17.75	23.01	-5.26
	5270	54	AVG	19.40	19.50	23.98	-4.58	-0.60	18.80	30.00	-11.20
	5310	62	AVG	14.28	13.50	23.98	-9.70	-0.60	13.68	30.00	-16.32
	5510	102	AVG	12.98	12.84	23.98	-11.00	-1.40	11.58	30.00	-18.42
	5550	110	AVG	18.80	17.78	23.98	-5.18	-1.40	17.40	30.00	-12.60
	5670	134	AVG	14.80	14.99	23.98	-9.18	-1.40	13.40	30.00	-16.60
	5710	142	AVG	19.48	19.44	23.98	-4.50	-1.40	18.08	30.00	-11.92
	5755	151	AVG	19.37	19.49	30.00	-10.63	0.40	19.77	-	-
	5795	159	AVG	19.35	19.40	30.00	-10.65	0.40	19.75	-	-

Table 7-46. ISED Antenna 4b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		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]
				802.11ac	802.11ax(SU)						
	5210	42	AVG	12.33	12.41	-	-	0.60	12.93	23.01	-10.08
	5290	58	AVG	14.93	15.00	23.98	-9.05	-0.60	14.33	30.00	-15.67
	5530	106	AVG	15.42	15.37	23.98	-8.56	-1.40	14.02	30.00	-15.98
	5690	138	AVG	19.50	19.50	23.98	-4.48	-1.40	18.10	30.00	-11.90
	5775	155	AVG	18.79	17.85	30.00	-11.21	0.40	19.19	-	-

Table 7-47. ISED Antenna 4b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		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]
				802.11ac	802.11ax(SU)						
	5210	42	AVG	12.27	11.78	-	-	0.60	12.87	23.01	-10.14
	5290	58	AVG	13.92	14.00	23.98	-10.06	-0.60	13.32	30.00	-16.68
	5530	106	AVG	14.40	13.97	23.98	-9.58	-1.40	13.00	30.00	-17.00
	5690	138	AVG	19.46	19.46	23.98	-4.52	-1.40	18.06	30.00	-11.94
	5775	155	AVG	18.40	17.42	30.00	-11.60	0.40	18.80	-	-

Table 7-48. ISED Antenna 4b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	IEEE Transmission Mode		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]
				802.11ac	802.11ax(SU)						
	5210	42	AVG	11.31	11.48	-	-	0.60	11.91	23.01	-11.10
	5290	58	AVG	13.36	13.45	23.98	-10.62	-0.60	12.76	30.00	-17.24
	5530	106	AVG	13.27	12.50	23.98	-10.71	-1.40	11.87	30.00	-18.13
	5690	138	AVG	19.40	19.35	23.98	-4.58	-1.40	18.00	30.00	-12.00
	5775	155	AVG	16.94	16.88	30.00	-13.06	0.40	17.34	-	-

Table 7-49. ISED Antenna 4b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

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