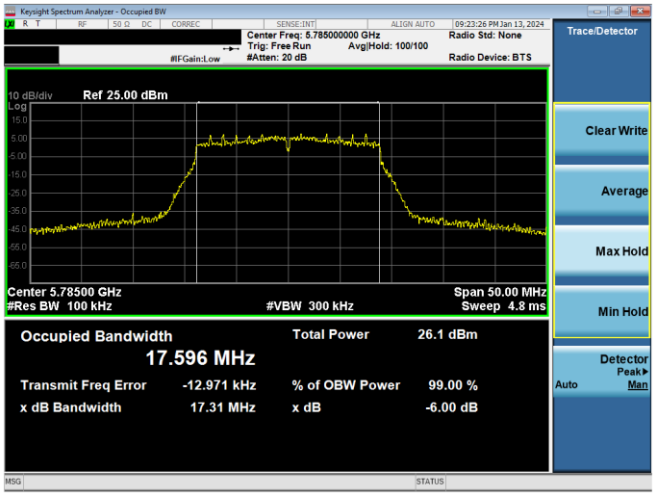
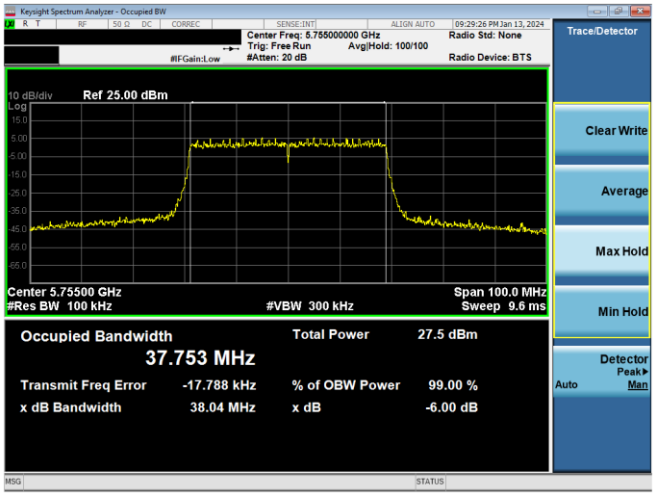
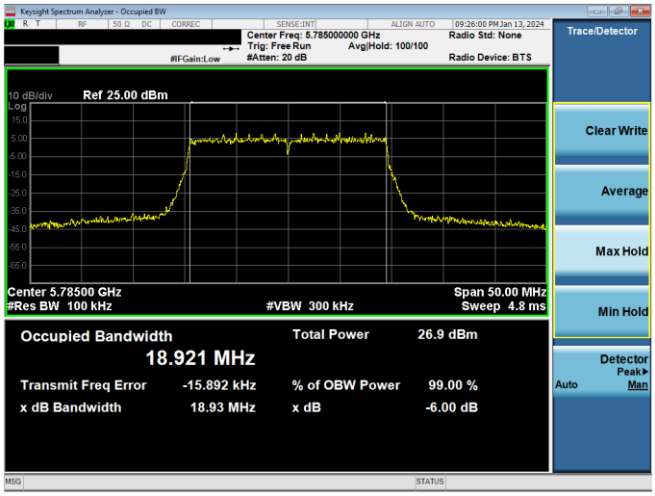


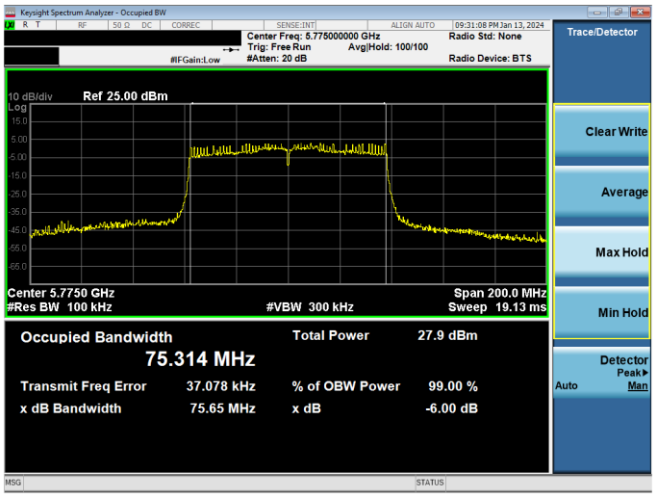
Plot 7-216. 6dB BW & 99% OBW Antenna WF8 (20MHz BW 802.11n – Ch. 157, MCS2)



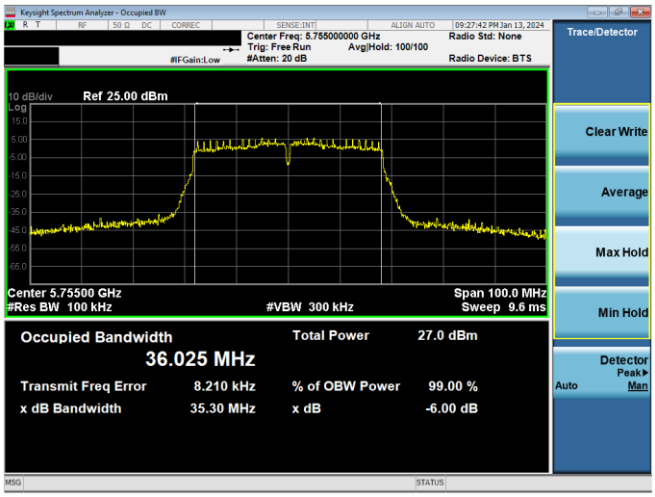
Plot 7-219. 6dB BW & 99% OBW Antenna WF8 (40MHz BW 802.11ax(SU) – Ch. 151, MCS2)



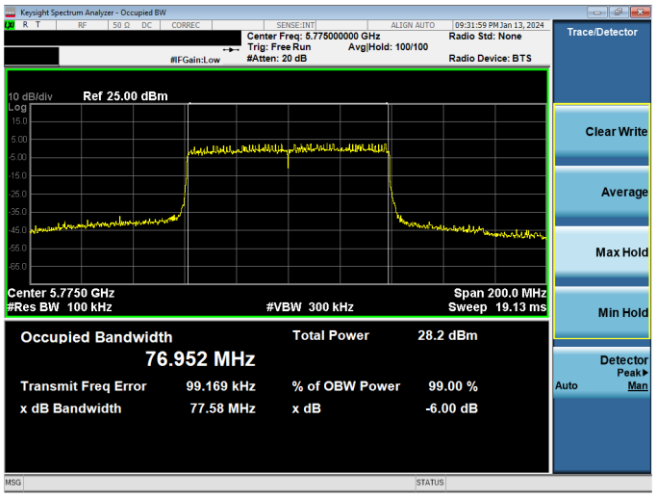
Plot 7-217. 6dB BW & 99% OBW Antenna WF8 (20MHz BW 802.11ax(SU) – Ch. 157, MCS2)



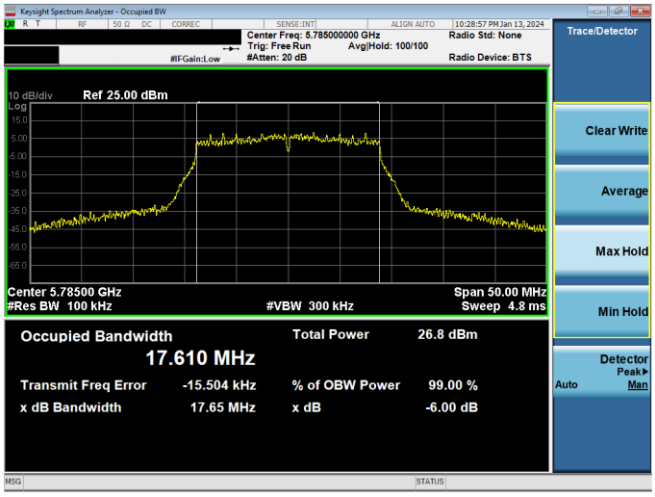
Plot 7-220. 6dB BW & 99% OBW Antenna WF8 (80MHz BW 802.11ac – Ch. 155, MCS2)



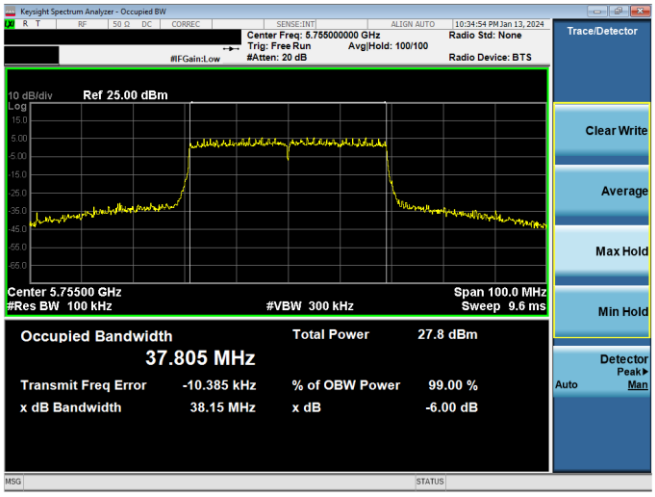
Plot 7-218. 6dB BW & 99% OBW Antenna WF8 (40MHz BW 802.11n – Ch. 151, MCS2)



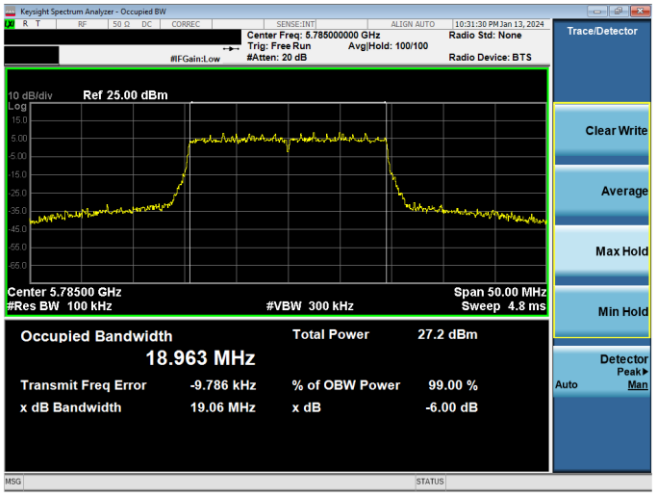
Plot 7-221. 6dB BW & 99% OBW Antenna WF8 (80MHz BW 802.11ax(SU) – Ch. 155, MCS2)



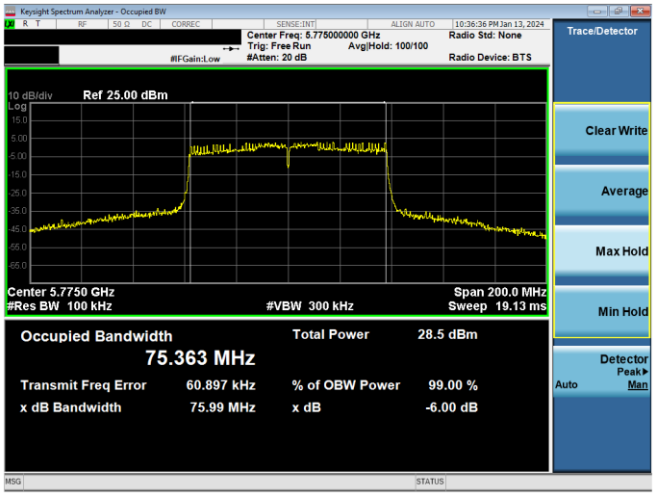
Plot 7-222. 6dB BW & 99% OBW Antenna WF8 (20MHz BW 802.11n – Ch. 157, MCS4)



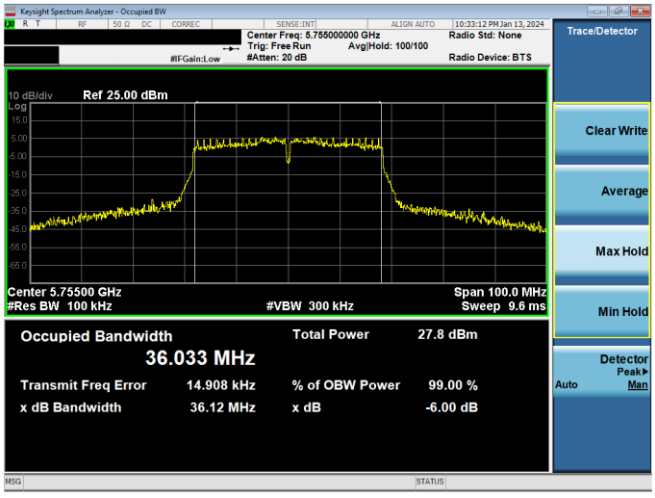
Plot 7-225. 6dB BW & 99% OBW Antenna WF8 (40MHz BW 802.11ax(SU) – Ch. 151, MCS4)



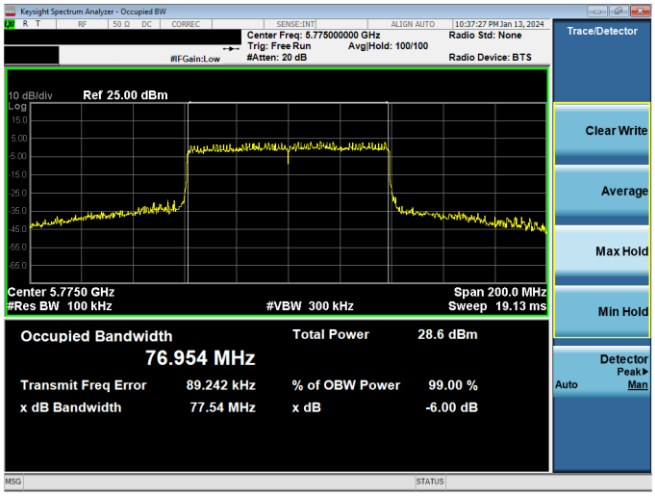
Plot 7-223. 6dB BW & 99% OBW Antenna WF8 (20MHz BW 802.11ax(SU) – Ch. 157, MCS4)



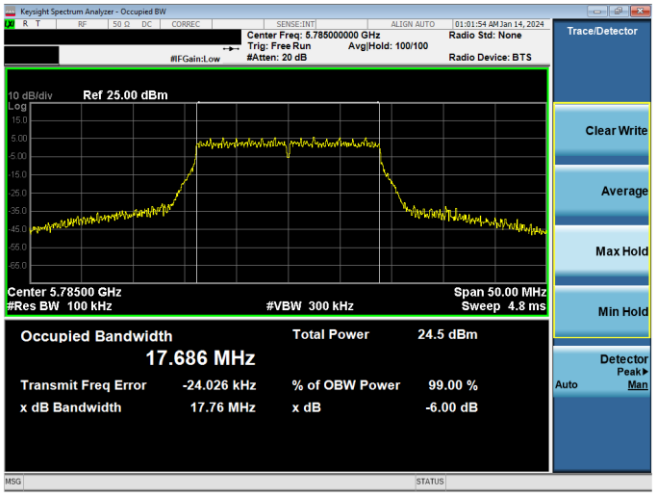
Plot 7-226. 6dB BW & 99% OBW Antenna WF8 (80MHz BW 802.11ac – Ch. 155, MCS4)



Plot 7-224. 6dB BW & 99% OBW Antenna WF8 (40MHz BW 802.11n – Ch. 151, MCS4)

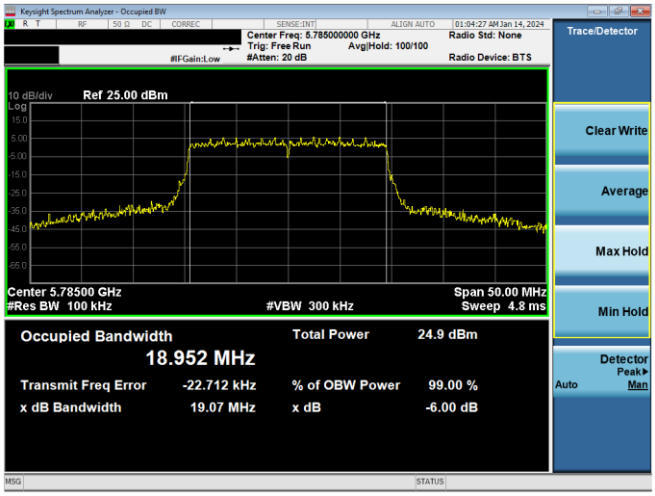


Plot 7-227. 6dB BW & 99% OBW Antenna WF8 (80MHz BW 802.11ax(SU) – Ch. 155, MCS4)

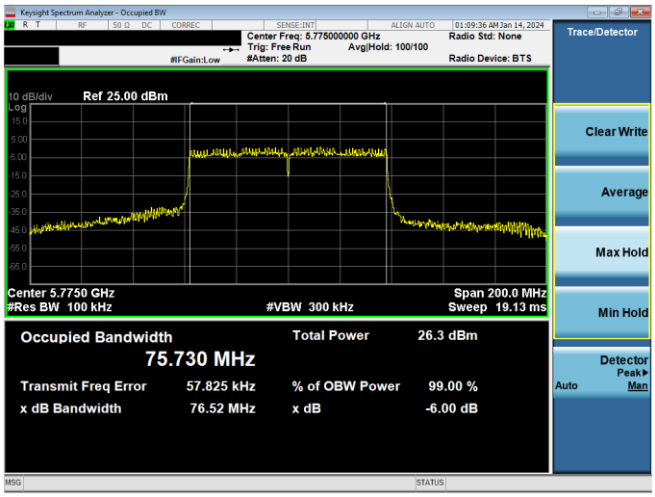


Plot 7-228. 6dB BW & 99% OBW Antenna WF8 (20MHz BW 802.11n – Ch. 157, MCS7)

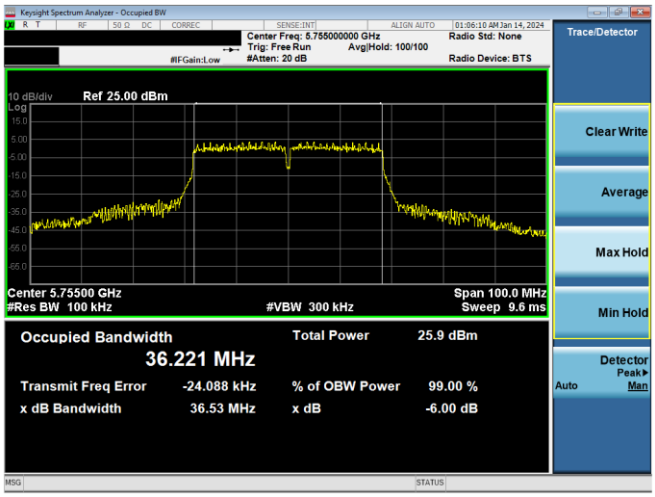
Plot 7-231. 6dB BW & 99% OBW Antenna WF8 (40MHz BW 802.11ax(SU) – Ch. 151, MCS11)



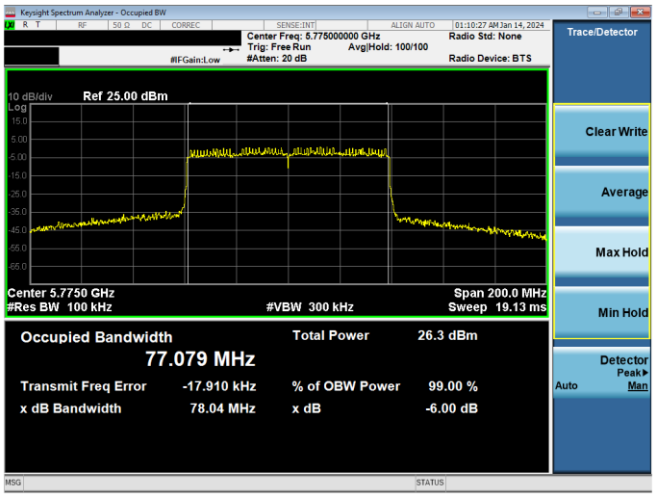
Plot 7-229. 6dB BW & 99% OBW Antenna WF8 (20MHz BW 802.11ax(SU) – Ch. 157, MCS11)



Plot 7-232. 6dB BW & 99% OBW Antenna WF8 (80MHz BW 802.11ac – Ch. 155, MCS9)



Plot 7-230. 6dB BW & 99% OBW Antenna WF8 (40MHz BW 802.11n – Ch. 151, MCS7)



Plot 7-233. 6dB BW & 99% OBW Antenna WF8 (80MHz BW 802.11ax(SU) – Ch. 155, MCS11)

7.3.2 Antenna WF7 6dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	19.5/21.7 (MCS2)	17.62	17.32	0.50	Pass
	5785	157	n (20MHz)	19.5/21.7 (MCS2)	17.62	17.60	0.50	Pass
	5825	165	n (20MHz)	19.5/21.7 (MCS2)	17.61	16.98	0.50	Pass
	5745	149	ax (SU) (20MHz)	24/25.8 (MCS2)	18.93	18.98	0.50	Pass
	5785	157	ax (SU) (20MHz)	24/25.8 (MCS2)	18.94	19.03	0.50	Pass
	5825	165	ax (SU) (20MHz)	24/25.8 (MCS2)	18.94	18.98	0.50	Pass
	5755	151	n (40MHz)	40/40.5 (MCS2)	36.02	35.28	0.50	Pass
	5795	159	n (40MHz)	40/40.5 (MCS2)	36.01	35.72	0.50	Pass
	5755	151	ax (SU) (40MHz)	49/51.6 (MCS2)	37.77	38.09	0.50	Pass
	5795	159	ax (SU) (40MHz)	49/51.6 (MCS2)	37.80	38.08	0.50	Pass
	5775	155	ac (80MHz)	87.8/97.5 (MCS2)	75.16	75.37	0.50	Pass
	5775	155	ax (SU) (80MHz)	102/108.1 (MCS2)	76.89	77.39	0.50	Pass

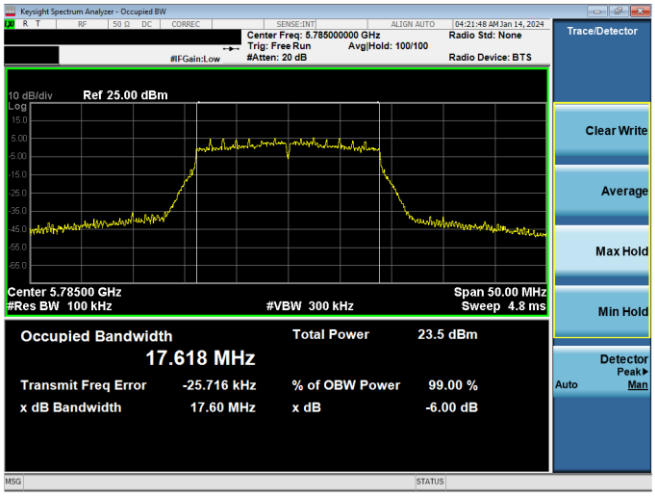
Table 7-17. Conducted Bandwidth Measurements Antenna WF7 (Low Data Rate)

	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	39/43.3 (MCS4)	17.61	17.66	0.50	Pass
	5785	157	n (20MHz)	39/43.3 (MCS4)	17.63	17.69	0.50	Pass
	5825	165	n (20MHz)	39/43.3 (MCS4)	17.63	17.71	0.50	Pass
	5745	149	ax (SU) (20MHz)	49/51.6 (MCS4)	18.93	19.02	0.50	Pass
	5785	157	ax (SU) (20MHz)	49/51.6 (MCS4)	18.95	19.05	0.50	Pass
	5825	165	ax (SU) (20MHz)	49/51.6 (MCS4)	18.94	19.06	0.50	Pass
	5755	151	n (40MHz)	81/90 (MCS4)	36.03	35.87	0.50	Pass
	5795	159	n (40MHz)	81/90 (MCS4)	36.07	36.38	0.50	Pass
	5755	151	ax (SU) (40MHz)	98/103.2 (MCS4)	37.76	38.11	0.50	Pass
	5795	159	ax (SU) (40MHz)	98/103.2 (MCS4)	37.79	38.15	0.50	Pass
	5775	155	ac (80MHz)	175.5/195 (MCS4)	75.30	76.04	0.50	Pass
	5775	155	ax (SU) (80MHz)	204/216.2 (MCS4)	77.09	77.95	0.50	Pass

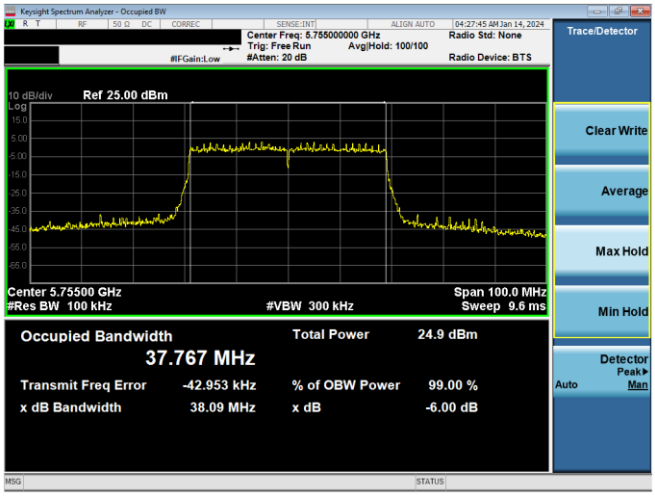
Table 7-18. Conducted Bandwidth Measurements Antenna WF7 (Mid Data Rate)

	Frequency [MHz]	Channel	802.11 MODE	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	n (20MHz)	65/72.2 (MCS7)	17.69	17.76	0.50	Pass
	5785	157	n (20MHz)	65/72.2 (MCS7)	17.68	17.74	0.50	Pass
	5825	165	n (20MHz)	65/72.2 (MCS7)	17.67	17.75	0.50	Pass
	5745	149	ax (SU) (20MHz)	135/143.4 (MCS11)	18.95	19.06	0.50	Pass
	5785	157	ax (SU) (20MHz)	135/143.4 (MCS11)	18.98	19.10	0.50	Pass
	5825	165	ax (SU) (20MHz)	135/143.4 (MCS11)	18.97	19.12	0.50	Pass
	5755	151	n (40MHz)	135/150 (MCS7)	36.23	36.47	0.50	Pass
	5795	159	n (40MHz)	135/150 (MCS7)	36.26	36.53	0.50	Pass
	5755	151	ax (SU) (40MHz)	271/286 (MCS11)	37.78	38.13	0.50	Pass
	5795	159	ax (SU) (40MHz)	271/286 (MCS11)	37.80	38.17	0.50	Pass
	5775	155	ac (80MHz)	390/433.3 (MCS9)	75.67	76.54	0.50	Pass
	5775	155	ax (SU) (80MHz)	567/600.5 (MCS11)	76.97	77.72	0.50	Pass

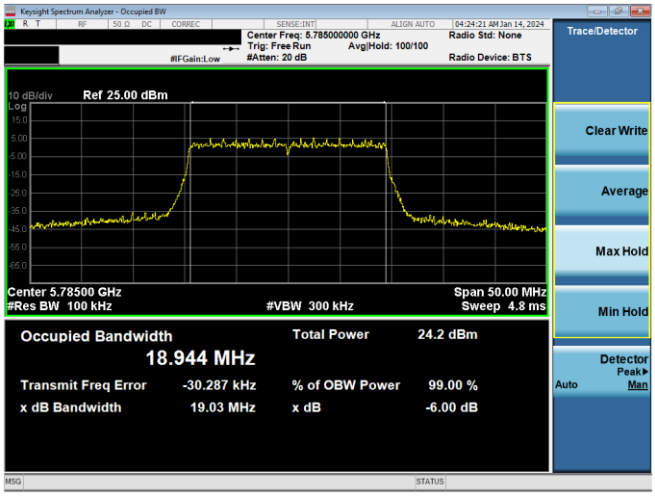
Table 7-19. Conducted Bandwidth Measurements Antenna WF7 (High Data Rate)



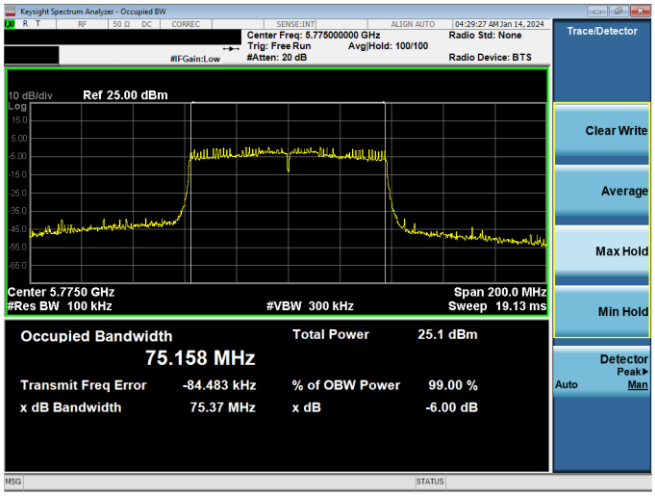
Plot 7-234. 6dB BW & 99% OBW Antenna WF7 (20MHz BW 802.11n – Ch. 157, MCS2)



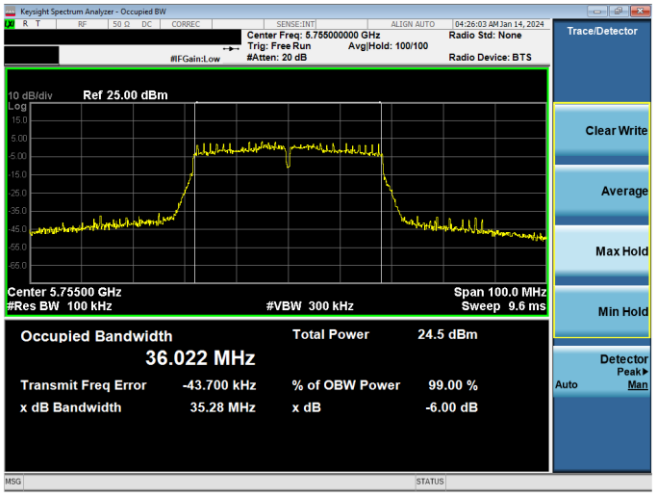
Plot 7-237. 6dB BW & 99% OBW Antenna WF7 (40MHz BW 802.11ax(SU) – Ch. 151, MCS2)



Plot 7-235. 6dB BW & 99% OBW Antenna WF7 (20MHz BW 802.11ax(SU) – Ch. 157, MCS2)

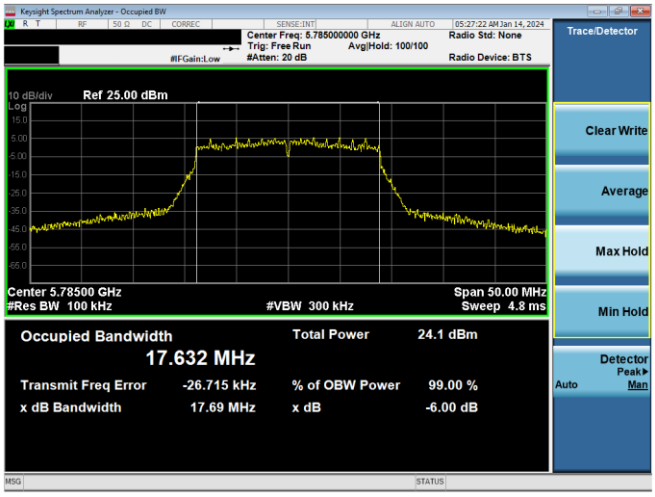


Plot 7-238. 6dB BW & 99% OBW Antenna WF7 (80MHz BW 802.11ac – Ch. 155, MCS2)

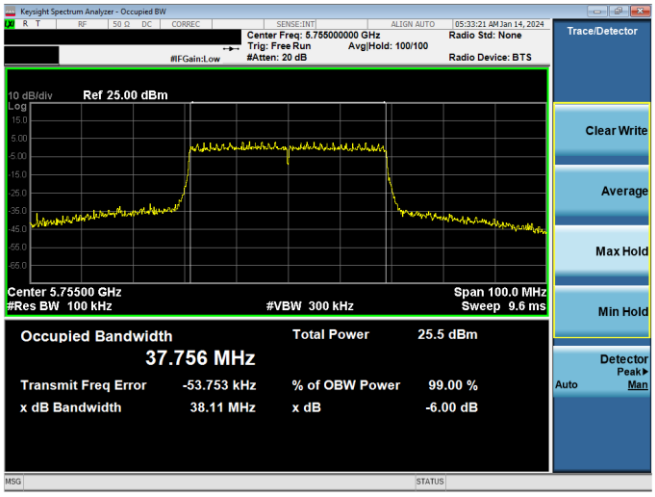


Plot 7-236. 6dB BW & 99% OBW Antenna WF7 (40MHz BW 802.11n – Ch. 151, MCS2)

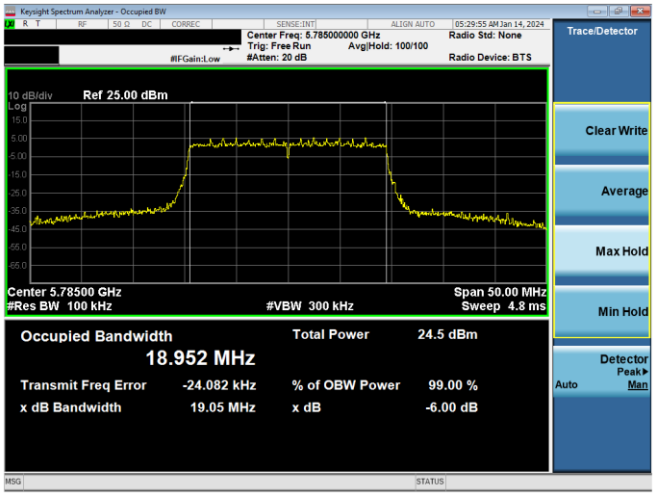
Plot 7-239. 6dB BW & 99% OBW Antenna WF7 (80MHz BW 802.11ax(SU) – Ch. 155, MCS2)



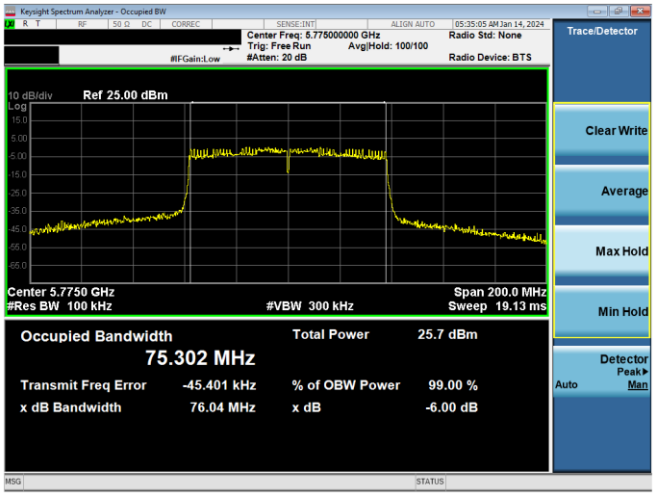
Plot 7-240. 6dB BW & 99% OBW Antenna WF7 (20MHz BW 802.11n – Ch. 157, MCS4)



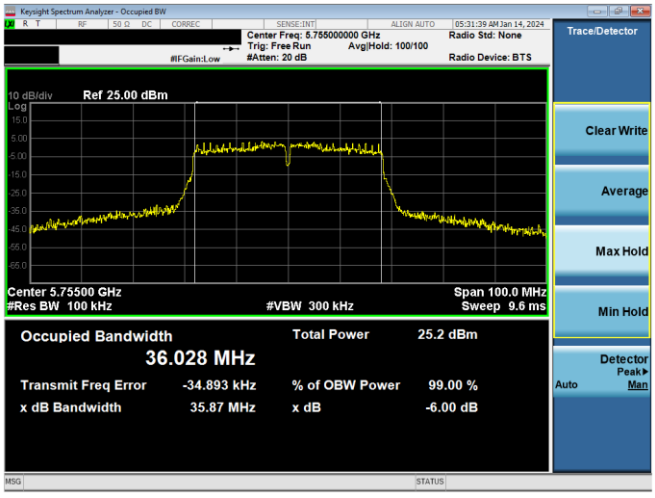
Plot 7-243. 6dB BW & 99% OBW Antenna WF7 (40MHz BW 802.11ax(SU) – Ch. 151, MCS4)



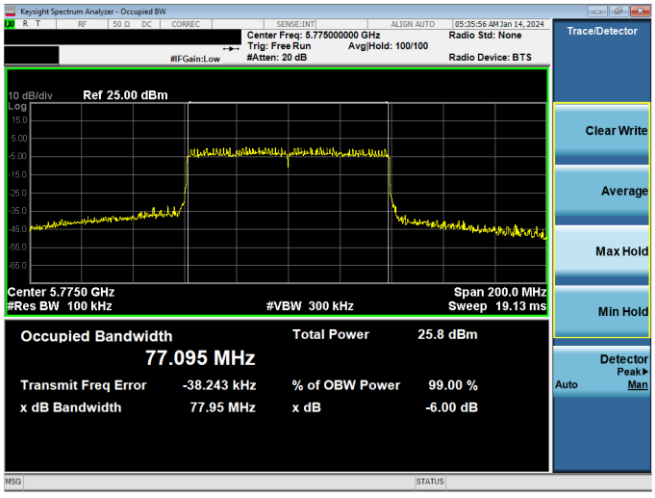
Plot 7-241. 6dB BW & 99% OBW Antenna WF7 (20MHz BW 802.11ax(SU) – Ch. 157, MCS4)



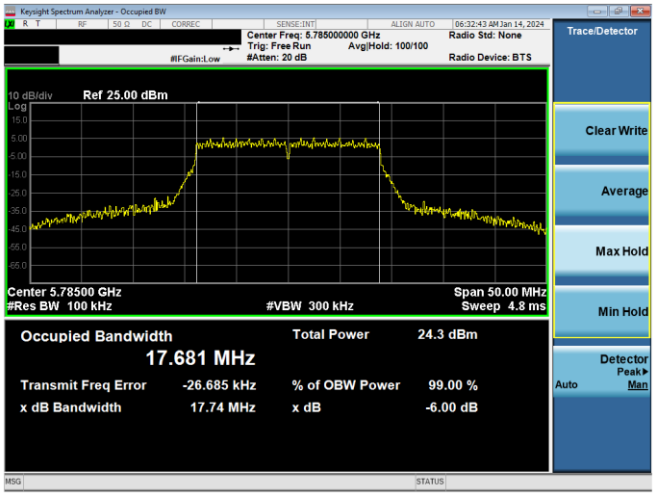
Plot 7-244. 6dB BW & 99% OBW Antenna WF7 (80MHz BW 802.11ac – Ch. 155, MCS4)



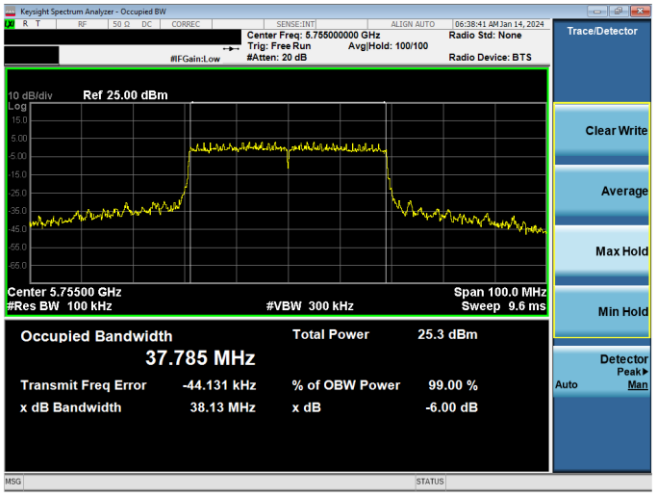
Plot 7-242. 6dB BW & 99% OBW Antenna WF7 (40MHz BW 802.11n – Ch. 151, MCS4)



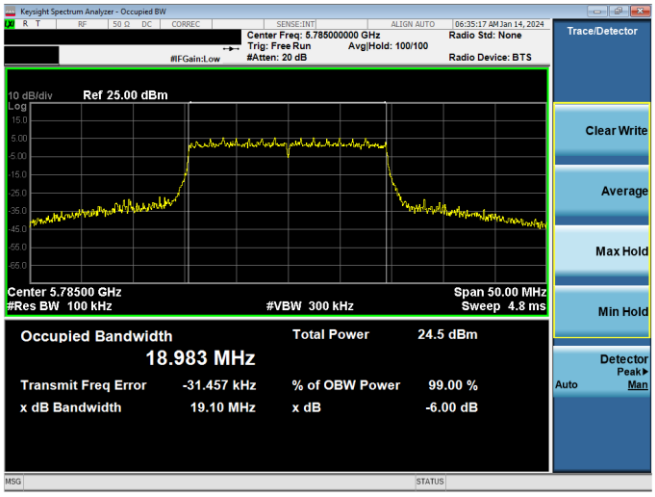
Plot 7-245. 6dB BW & 99% OBW Antenna WF7 (80MHz BW 802.11ax(SU) – Ch. 155, MCS4)



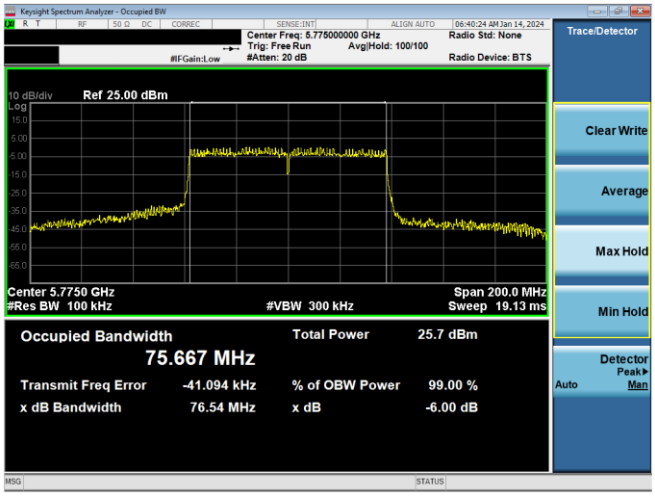
Plot 7-246. 6dB BW & 99% OBW Antenna WF7 (20MHz BW 802.11n – Ch. 157, MCS7)



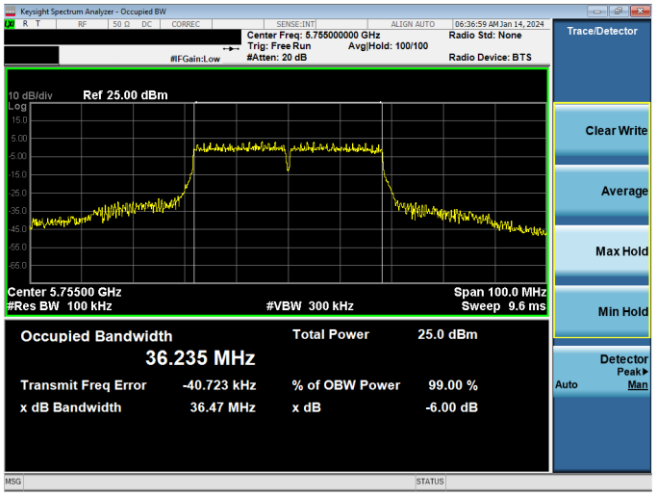
Plot 7-249. 6dB BW & 99% OBW Antenna WF7 (40MHz BW 802.11ax(SU) – Ch. 151, MCS11)



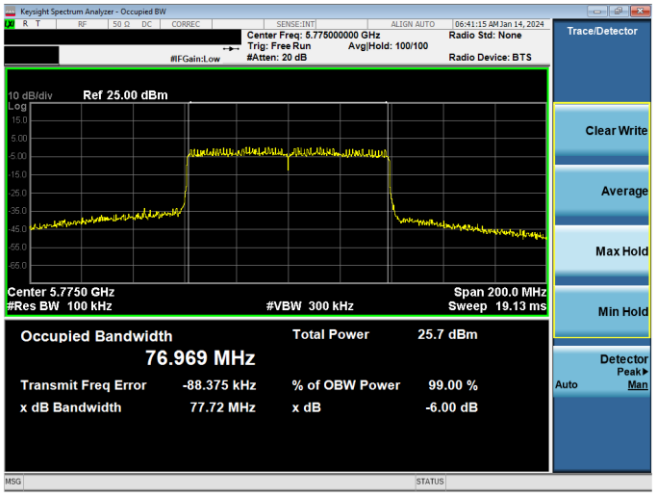
Plot 7-247. 6dB BW & 99% OBW Antenna WF7 (20MHz BW 802.11ax(SU) – Ch. 157, MCS11)



Plot 7-250. 6dB BW & 99% OBW Antenna WF7 (80MHz BW 802.11ac – Ch. 155, MCS9)



Plot 7-248. 6dB BW & 99% OBW Antenna WF7 (40MHz BW 802.11n – Ch. 151, MCS7)



Plot 7-251. 6dB BW & 99% OBW Antenna WF7 (80MHz BW 802.11ax(SU) – Ch. 155, MCS11)

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 ISED RSS-247 and 26dB BW is per FCC 15.407.

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

In the 5.25 – 5.35GHz band, the maximum permissible conducted output power is the lesser of 250mW (23.98dBm) or 11 dBm + 10$\log_{10}$(26dB BW) = 11 dBm + 10$\log_{10}$(20.52) = 24.12dBm. The maximum e.i.r.p. shall not exceed the lesser of 1.0 W or 17 + 10 $\log_{10}$B, dBm.

In the 5.47 – 5.725GHz band, the maximum permissible conducted output power is the lesser of 250mW (23.98dBm) or 11 dBm + 10$\log_{10}$(26dB BW) = 11 dBm + 10$\log_{10}$(20.46) = 24.11 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.

7.4.1 FCC Antenna WF5b Conducted Output Power Measurements

	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
5GHz (20MHz Bandwidth)	5180	36	AVG	18.43	18.50	17.64	23.98	-5.48
	5200	40	AVG	19.68	19.69	19.87	23.98	-4.29
	5240	48	AVG	19.73	19.47	19.71	23.98	-4.25
	5260	52	AVG	19.94	19.64	19.81	23.98	-4.04
	5300	60	AVG	19.96	19.60	19.78	23.98	-4.02
	5320	64	AVG	18.46	18.50	18.00	23.98	-5.48
	5500	100	AVG	17.81	18.00	17.50	23.98	-5.98
	5520	104	AVG	17.97	19.88	19.35	23.98	-4.10
	5540	108	AVG	19.92	19.87	19.80	23.98	-4.06
	5580	116	AVG	19.93	19.81	19.83	23.98	-4.05
	5680	136	AVG	19.96	19.98	19.73	23.98	-4.00
	5700	140	AVG	17.00	16.94	15.00	23.98	-6.98
	5720	144	AVG	19.87	19.78	19.86	23.98	-4.11
	5745	149	AVG	19.83	19.62	19.78	30.00	-10.17
	5785	157	AVG	20.00	19.82	20.00	30.00	-10.00
	5825	165	AVG	20.00	19.74	19.77	30.00	-10.00

Table 7-20. FCC Antenna WF5b 20MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
5GHz (20MHz Bandwidth)	5180	36	AVG	17.00	16.98	17.45	23.98	-6.98
	5200	40	AVG	19.88	19.92	19.75	23.98	-4.06
	5240	48	AVG	19.94	19.82	19.75	23.98	-4.04
	5260	52	AVG	19.80	19.83	19.91	23.98	-4.15
	5300	60	AVG	19.84	19.82	19.94	23.98	-4.14
	5320	64	AVG	18.00	17.99	17.42	23.98	-5.98
	5500	100	AVG	16.84	16.90	17.34	23.98	-7.08
	5520	104	AVG	19.82	19.77	18.92	23.98	-4.16
	5540	108	AVG	19.92	19.97	19.83	23.98	-4.01
	5580	116	AVG	19.89	19.95	19.87	23.98	-4.03
	5660	132	AVG	19.97	19.90	19.87	23.98	-4.01
	5680	136	AVG	19.82	19.81	19.44	23.98	-4.16
	5700	140	AVG	15.40	15.45	14.88	23.98	-8.53
	5720	144	AVG	20.00	19.66	20.00	23.98	-3.98
	5745	149	AVG	19.84	19.69	19.90	30.00	-10.16
	5785	157	AVG	19.86	19.95	20.00	30.00	-10.06
	5825	165	AVG	19.81	19.84	19.75	30.00	-10.16

Table 7-21. FCC Antenna WF5b 20MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
	5180	36	AVG	16.45	16.40	16.50	23.98	-7.53
	5200	40	AVG	19.90	19.70	19.72	23.98	-4.08
	5240	48	AVG	19.78	19.85	19.51	23.98	-4.13
	5260	52	AVG	19.90	19.88	19.68	23.98	-4.08
	5300	60	AVG	19.96	19.77	19.73	23.98	-4.02
	5320	64	AVG	17.50	17.42	16.32	23.98	-6.48
	5500	100	AVG	15.28	15.50	14.79	23.98	-8.48
	5520	104	AVG	19.42	19.48	17.88	23.98	-4.50
	5540	108	AVG	19.93	19.82	19.71	23.98	-4.05
	5580	116	AVG	19.85	19.80	19.83	23.98	-4.13
	5660	132	AVG	19.81	20.00	19.77	23.98	-3.98
	5680	136	AVG	18.50	18.47	18.00	23.98	-5.48
	5700	140	AVG	14.44	14.35	14.00	23.98	-9.54
	5720	144	AVG	19.98	19.88	19.68	23.98	-4.00
	5745	149	AVG	19.92	19.92	19.68	30.00	-10.08
	5785	157	AVG	19.82	19.85	19.85	30.00	-10.15
	5825	165	AVG	19.93	19.88	19.77	30.00	-10.07

Table 7-22. FCC Antenna WF5b 20MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
	5190	38	AVG	15.15	14.95	23.98	-8.83
	5230	46	AVG	19.86	19.94	23.98	-4.12
	5270	54	AVG	19.87	19.94	23.98	-4.11
	5310	62	AVG	15.85	15.50	23.98	-8.13
	5510	102	AVG	15.29	14.39	23.98	-8.69
	5550	110	AVG	19.88	18.65	23.98	-4.10
	5590	118	AVG	19.91	19.87	23.98	-4.07
	5630	126	AVG	19.93	19.88	23.98	-4.05
	5670	134	AVG	18.29	17.85	23.98	-5.69
	5710	142	AVG	19.88	19.77	23.98	-4.10
	5755	151	AVG	19.93	19.81	30.00	-10.07
	5795	159	AVG	19.79	19.90	30.00	-10.21

Table 7-23. FCC Antenna WF5b 40MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
	5190	38	AVG	15.00	14.25	23.98	-8.98
	5230	46	AVG	19.88	19.75	23.98	-4.10
	5270	54	AVG	19.89	19.77	23.98	-4.09
	5310	62	AVG	15.49	15.00	23.98	-8.49
	5510	102	AVG	15.00	13.50	23.98	-8.98
	5550	110	AVG	19.00	17.98	23.98	-4.98
	5590	118	AVG	20.00	19.75	23.98	-3.98
	5630	126	AVG	19.84	20.00	23.98	-4.14
	5670	134	AVG	17.26	17.42	23.98	-6.72
	5710	142	AVG	19.92	19.87	23.98	-4.06
	5755	151	AVG	19.96	19.85	30.00	-10.04
	5795	159	AVG	19.84	19.78	30.00	-10.16

Table 7-24. FCC Antenna WF5b 40MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
	5190	38	AVG	14.00	13.62	23.98	-9.98
	5230	46	AVG	19.92	19.47	23.98	-4.06
	5270	54	AVG	19.85	19.77	23.98	-4.13
	5310	62	AVG	14.85	14.32	23.98	-9.13
	5510	102	AVG	12.36	12.35	23.98	-11.62
	5550	110	AVG	18.00	17.92	23.98	-5.98
	5590	118	AVG	19.75	19.89	23.98	-4.23
	5630	126	AVG	19.81	19.82	23.98	-4.17
	5670	134	AVG	15.48	15.50	23.98	-8.50
	5710	142	AVG	19.73	19.76	23.98	-4.25
	5755	151	AVG	19.48	19.50	30.00	-10.52
	5795	159	AVG	19.65	19.70	30.00	-10.35

Table 7-25. FCC Antenna WF5b 40MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	14.31	13.97	23.98	-9.67
	5290	58	AVG	15.93	14.40	23.98	-8.05
	5530	106	AVG	14.00	13.00	23.98	-9.98
	5610	122	AVG	18.44	17.83	23.98	-5.54
	5690	138	AVG	19.92	19.90	23.98	-4.06
	5775	155	AVG	18.65	17.92	30.00	-11.35

Table 7-26. FCC Antenna WF5b 80MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	13.50	13.50	23.98	-10.48
	5290	58	AVG	14.84	13.89	23.98	-9.14
	5530	106	AVG	13.77	13.00	23.98	-10.21
	5610	122	AVG	17.99	16.86	23.98	-5.99
	5690	138	AVG	19.90	19.94	23.98	-4.08
	5775	155	AVG	18.22	16.92	30.00	-11.78

Table 7-27. FCC Antenna WF5b 80MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	12.97	12.85	23.98	-11.01
	5290	58	AVG	14.48	13.35	23.98	-9.50
	5530	106	AVG	12.50	12.00	23.98	-11.48
	5610	122	AVG	16.92	16.50	23.98	-7.06
	5690	138	AVG	19.88	19.92	23.98	-4.10
	5775	155	AVG	17.20	16.72	30.00	-12.80

Table 7-28. FCC Antenna WF5b 80MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	12.49	12.42	23.98	-11.49
	5570	114	AVG	11.85	11.98	30.00	-18.15

Table 7-29. FCC Antenna WF5b 160MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	12.00	11.93	23.98	-11.98
	5570	114	AVG	10.77	10.91	30.00	-19.23

Table 7-30. FCC Antenna WF5b 160MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	11.41	11.44	23.98	-12.57
	5570	114	AVG	10.5	9.96	30.00	-19.50

Table 7-31. FCC Antenna WF5b 160MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

7.4.2 ISED Antenna WF5b Conducted Output Power Measurements

	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
5GHz (20MHz Bandwidth)	5180	36	AVG	16.61	16.75	16.64	-	-	1.50	18.25	23.01	-4.76
	5200	40	AVG	16.61	16.75	16.75	-	-	1.50	18.25	23.01	-4.76
	5240	48	AVG	16.73	16.75	16.75	-	-	1.50	18.25	23.01	-4.76
	5260	52	AVG	19.94	19.64	19.81	23.98	-4.04	1.80	21.74	30.00	-8.26
	5300	60	AVG	19.96	19.60	19.78	23.98	-4.02	1.80	21.76	30.00	-8.24
	5320	64	AVG	18.46	18.50	18.00	23.98	-5.48	1.80	20.30	30.00	-9.70
	5500	100	AVG	17.81	18.00	17.50	23.98	-5.98	1.90	19.90	30.00	-10.10
	5520	104	AVG	17.97	19.88	19.35	23.98	-4.10	1.90	21.78	30.00	-8.22
	5540	108	AVG	19.92	19.87	19.80	23.98	-4.06	1.90	21.82	30.00	-8.18
	5580	116	AVG	19.93	19.81	19.83	23.98	-4.05	1.90	21.83	30.00	-8.17
	5680	136	AVG	19.96	19.98	19.73	23.98	-4.00	1.90	21.88	30.00	-8.12
	5700	140	AVG	17.00	16.94	15.00	23.98	-6.98	1.90	18.90	30.00	-11.10
	5720	144	AVG	19.87	19.78	19.86	23.98	-4.11	1.90	21.77	30.00	-8.24
	5745	149	AVG	19.83	19.62	19.78	30.00	-10.17	2.00	21.83	-	-
	5785	157	AVG	20.00	19.82	20.00	30.00	-10.00	2.00	22.00	-	-
	5825	165	AVG	20.00	19.74	19.77	30.00	-10.00	2.00	22.00	-	-

Table 7-32. ISED Antenna WF5b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
5GHz (20MHz Bandwidth)	5180	36	AVG	16.72	16.75	16.62	-	-	1.50	18.25	23.01	-4.76
	5200	40	AVG	16.75	16.74	16.75	-	-	1.50	18.25	23.01	-4.76
	5240	48	AVG	16.62	16.75	16.24	-	-	1.50	18.25	23.01	-4.76
	5260	52	AVG	19.80	19.83	19.91	23.98	-4.15	1.80	21.63	30.00	-8.37
	5300	60	AVG	19.84	19.82	19.94	23.98	-4.14	1.80	21.64	30.00	-8.36
	5320	64	AVG	18.00	17.99	17.42	23.98	-5.98	1.80	19.80	30.00	-10.20
	5500	100	AVG	16.84	16.90	17.34	23.98	-7.08	1.90	18.80	30.00	-11.20
	5520	104	AVG	19.82	19.77	18.92	23.98	-4.16	1.90	21.72	30.00	-8.28
	5540	108	AVG	19.92	19.97	19.83	23.98	-4.01	1.90	21.87	30.00	-8.13
	5580	116	AVG	19.89	19.95	19.87	23.98	-4.03	1.90	21.85	30.00	-8.15
	5660	132	AVG	19.97	19.90	19.87	23.98	-4.01	1.90	21.87	30.00	-8.13
	5680	136	AVG	19.82	19.81	19.44	23.98	-4.16	1.90	21.72	30.00	-8.28
	5700	140	AVG	15.40	15.45	14.88	23.98	-8.53	1.90	17.35	30.00	-12.65
	5720	144	AVG	20.00	19.66	20.00	23.98	-3.98	1.90	21.90	30.00	-8.10
	5745	149	AVG	19.84	19.69	19.90	30.00	-10.16	2.00	21.84	-	-
	5785	157	AVG	19.86	19.95	20.00	30.00	-10.06	2.00	21.95	-	-
	5825	165	AVG	19.81	19.84	19.75	30.00	-10.16	2.00	21.84	-	-

Table 7-33. ISED Antenna WF5b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
	5180	36	AVG	16.75	16.61	16.50	-	-	1.50	18.25	23.01	-4.76
	5200	40	AVG	16.63	16.75	16.75	-	-	1.50	18.25	23.01	-4.76
	5240	48	AVG	16.75	16.75	16.68	-	-	1.50	18.25	23.01	-4.76
	5260	52	AVG	19.90	19.88	19.68	23.98	-4.08	1.80	21.70	30.00	-8.30
	5300	60	AVG	19.96	19.77	19.73	23.98	-4.02	1.80	21.76	30.00	-8.24
	5320	64	AVG	17.50	17.42	16.32	23.98	-6.48	1.80	19.30	30.00	-10.70
	5500	100	AVG	15.28	15.50	14.79	23.98	-8.48	1.90	17.40	30.00	-12.60
	5520	104	AVG	19.42	19.48	17.88	23.98	-4.50	1.90	21.38	30.00	-8.62
	5540	108	AVG	19.93	19.82	19.71	23.98	-4.05	1.90	21.83	30.00	-8.18
	5580	116	AVG	19.85	19.80	19.83	23.98	-4.13	1.90	21.75	30.00	-8.25
	5660	132	AVG	19.81	20.00	19.77	23.98	-3.98	1.90	21.90	30.00	-8.10
	5680	136	AVG	18.50	18.47	18.00	23.98	-5.48	1.90	20.40	30.00	-9.60
	5700	140	AVG	14.44	14.35	14.00	23.98	-9.54	1.90	16.34	30.00	-13.66
	5720	144	AVG	19.98	19.88	19.68	23.98	-4.00	1.90	21.88	30.00	-8.13
	5745	149	AVG	19.92	19.92	19.68	30.00	-10.08	2.00	21.92	-	-
	5785	157	AVG	19.82	19.85	19.85	30.00	-10.15	2.00	21.85	-	-
	5825	165	AVG	19.93	19.88	19.77	30.00	-10.07	2.00	21.93	-	-

Table 7-34. ISED Antenna WF5b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
	5190	38	AVG	15.14	14.80	-	-	1.50	16.64	23.01	-6.37
	5230	46	AVG	19.25	19.25	-	-	1.50	20.75	23.01	-2.26
	5270	54	AVG	19.87	19.94	23.98	-4.11	1.80	21.67	30.00	-8.33
	5310	62	AVG	15.85	15.50	23.98	-8.13	1.80	17.65	30.00	-12.35
	5510	102	AVG	15.29	14.39	23.98	-8.69	1.90	17.19	30.00	-12.81
	5550	110	AVG	19.88	18.65	23.98	-4.10	1.90	21.78	30.00	-8.22
	5670	134	AVG	18.29	17.85	23.98	-5.69	1.90	20.19	30.00	-9.81
	5710	142	AVG	19.88	19.77	23.98	-4.10	1.90	21.78	30.00	-8.22
	5755	151	AVG	19.93	19.81	30.00	-10.07	2.00	21.93	-	-
	5795	159	AVG	19.79	19.90	30.00	-10.21	2.00	21.79	-	-

Table 7-35. ISED Antenna WF5b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
	5190	38	AVG	14.87	14.11	-	-	1.50	16.37	23.01	-6.65
	5230	46	AVG	19.25	19.22	-	-	1.50	20.75	23.01	-2.26
	5270	54	AVG	19.89	19.77	23.98	-4.09	1.80	21.69	30.00	-8.31
	5310	62	AVG	15.49	15.00	23.98	-8.49	1.80	17.29	30.00	-12.71
	5510	102	AVG	15.00	13.50	23.98	-8.98	1.90	16.90	30.00	-13.10
	5550	110	AVG	19.00	17.98	23.98	-4.98	1.90	20.90	30.00	-9.10
	5590	118	AVG	20.00	19.75	23.98	-3.98	1.90	21.90	30.00	-8.10
	5670	134	AVG	17.26	17.42	23.98	-6.72	1.90	19.16	30.00	-10.85
	5710	142	AVG	19.92	19.87	23.98	-4.06	1.90	21.82	30.00	-8.18
	5755	151	AVG	19.96	19.85	30.00	-10.04	2.00	21.96	-	-
	5795	159	AVG	19.84	19.78	30.00	-10.16	2.00	21.84	-	-

Table 7-36. ISED Antenna WF5b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
	5190	38	AVG	13.95	13.75	-	-	1.50	15.45	23.01	-7.56
	5230	46	AVG	19.10	19.20	-	-	1.50	20.60	23.01	-2.41
	5270	54	AVG	19.85	19.77	23.98	-4.13	1.80	21.65	30.00	-8.35
	5310	62	AVG	14.85	14.32	23.98	-9.13	1.80	16.65	30.00	-13.35
	5510	102	AVG	12.36	12.35	23.98	-11.62	1.90	14.26	30.00	-15.74
	5550	110	AVG	18.00	17.92	23.98	-5.98	1.90	19.90	30.00	-10.10
	5590	118	AVG	19.75	19.89	23.98	-4.23	1.90	21.65	30.00	-8.36
	5670	134	AVG	15.48	15.50	23.98	-8.50	1.90	17.38	30.00	-12.62
	5710	142	AVG	19.73	19.76	23.98	-4.25	1.90	21.63	30.00	-8.37
	5755	151	AVG	19.48	19.50	30.00	-10.52	2.00	21.48	-	-
	5795	159	AVG	19.65	19.70	30.00	-10.35	2.00	21.65	-	-

Table 7-37. ISED Antenna WF5b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5210	42	AVG	14.38	13.77	-	-	1.50	15.88	23.01	-7.13
	5290	58	AVG	15.93	14.40	23.98	-8.05	1.80	17.73	30.00	-12.27
	5530	106	AVG	14.00	13.00	23.98	-9.98	1.90	15.90	30.00	-14.10
	5690	138	AVG	19.92	19.90	23.98	-4.06	1.90	21.82	30.00	-8.18
	5775	155	AVG	18.65	17.92	30.00	-11.35	2.00	20.65	-	-

Table 7-38. ISED Antenna WF5b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5210	42	AVG	13.27	13.33	-	-	1.50	14.77	23.01	-8.24
	5290	58	AVG	14.84	13.89	23.98	-9.14	1.80	16.64	30.00	-13.36
	5530	106	AVG	13.77	13.00	23.98	-10.21	1.90	15.67	30.00	-14.33
	5690	138	AVG	19.90	19.94	23.98	-4.08	1.90	21.80	30.00	-8.20
	5775	155	AVG	18.22	16.92	30.00	-11.78	2.00	20.22	-	-

Table 7-39. ISED Antenna WF5b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5210	42	AVG	13.00	12.81	-	-	1.50	14.50	23.01	-8.51
	5290	58	AVG	14.48	13.35	23.98	-9.50	1.80	16.28	30.00	-13.72
	5530	106	AVG	12.50	12.00	23.98	-11.48	1.90	14.40	30.00	-15.60
	5690	138	AVG	19.88	19.92	23.98	-4.10	1.90	21.78	30.00	-8.22
	5775	155	AVG	17.20	16.72	30.00	-12.80	2.00	19.20	-	-

Table 7-40. ISED Antenna WF5b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5250	50	AVG	12.25	12.50	23.98	-11.73	1.80	14.05	23.01	-8.96

Table 7-41. ISED Antenna WF5b 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5250	50	AVG	11.90	11.80	23.98	-12.08	1.80	13.70	23.01	-9.31

Table 7-42. ISED Antenna WF5b 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5250	50	AVG	11.49	11.50	23.98	-12.49	1.80	13.29	23.01	-9.72

Table 7-43. ISED Antenna WF5b 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

7.4.3 FCC Antenna WF8 Conducted Output Power Measurements

	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
5GHz (20MHz Bandwidth)	5180	36	AVG	18.31	18.50	17.75	23.98	-5.48
	5200	40	AVG	19.80	19.70	19.83	23.98	-4.18
	5240	48	AVG	19.83	19.95	19.97	23.98	-4.03
	5260	52	AVG	19.92	19.97	19.90	23.98	-4.01
	5300	60	AVG	19.87	20.00	19.90	23.98	-3.98
	5320	64	AVG	18.44	18.41	17.82	23.98	-5.54
	5500	100	AVG	18.36	17.84	17.28	23.98	-5.62
	5520	104	AVG	19.98	19.45	19.37	23.98	-4.00
	5540	108	AVG	19.87	19.90	19.87	23.98	-4.08
	5580	116	AVG	19.82	19.88	19.76	23.98	-4.10
	5680	136	AVG	19.80	19.94	19.89	23.98	-4.04
	5700	140	AVG	16.88	16.81	15.00	23.98	-7.10
	5720	144	AVG	19.90	19.92	20.00	23.98	-4.06
	5745	149	AVG	19.92	19.90	19.97	30.00	-10.08
	5785	157	AVG	19.90	19.86	19.90	30.00	-10.10
	5825	165	AVG	19.88	19.91	19.92	30.00	-10.09

Table 7-44. FCC Antenna WF8 20MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
5GHz (20MHz Bandwidth)	5180	36	AVG	16.84	16.89	17.00	23.98	-7.09
	5200	40	AVG	19.90	19.88	19.80	23.98	-4.08
	5240	48	AVG	19.88	19.85	20.00	23.98	-4.10
	5260	52	AVG	19.90	19.81	20.00	23.98	-4.08
	5300	60	AVG	19.91	19.93	20.00	23.98	-4.05
	5320	64	AVG	17.92	17.93	17.40	23.98	-6.05
	5500	100	AVG	17.00	16.91	16.43	23.98	-6.98
	5520	104	AVG	20.00	19.99	18.96	23.98	-3.98
	5540	108	AVG	19.90	19.94	19.97	23.98	-4.04
	5580	116	AVG	19.82	20.00	19.94	23.98	-3.98
	5660	132	AVG	19.96	19.89	19.83	23.98	-4.02
	5680	136	AVG	19.94	19.88	19.50	23.98	-4.04
	5700	140	AVG	15.40	15.43	14.84	23.98	-8.55
	5720	144	AVG	19.82	19.96	19.77	23.98	-4.02
	5745	149	AVG	19.93	19.95	19.95	30.00	-10.05
	5785	157	AVG	19.85	19.90	19.75	30.00	-10.10
	5825	165	AVG	19.89	19.77	19.88	30.00	-10.11

Table 7-45. FCC Antenna WF8 20MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
	5180	36	AVG	16.88	16.95	16.50	23.98	-7.03
	5200	40	AVG	20.00	19.65	19.81	23.98	-3.98
	5240	48	AVG	19.92	20.00	19.95	23.98	-3.98
	5260	52	AVG	20.00	19.78	19.76	23.98	-3.98
	5300	60	AVG	19.88	19.93	20.00	23.98	-4.05
	5320	64	AVG	17.35	17.50	16.37	23.98	-6.48
	5500	100	AVG	15.36	15.28	15.00	23.98	-8.62
	5520	104	AVG	19.91	19.88	17.78	23.98	-4.07
	5540	108	AVG	19.80	19.76	19.85	23.98	-4.18
	5580	116	AVG	19.92	19.99	19.97	23.98	-3.99
	5660	132	AVG	19.79	19.81	19.62	23.98	-4.17
	5680	136	AVG	18.39	18.48	18.00	23.98	-5.50
	5700	140	AVG	14.33	14.39	13.91	23.98	-9.59
	5720	144	AVG	19.80	19.75	19.85	23.98	-4.18
	5745	149	AVG	19.92	19.88	19.69	30.00	-10.08
	5785	157	AVG	19.88	19.85	19.62	30.00	-10.12
	5825	165	AVG	19.90	19.89	19.66	30.00	-10.10

Table 7-46. FCC Antenna WF8 20MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
	5190	38	AVG	15.03	14.83	23.98	-8.95
	5230	46	AVG	20.00	20.00	23.98	-3.98
	5270	54	AVG	19.96	20.00	23.98	-4.02
	5310	62	AVG	16.00	15.36	23.98	-7.98
	5510	102	AVG	15.39	14.28	23.98	-8.59
	5550	110	AVG	19.84	18.69	23.98	-4.14
	5590	118	AVG	19.98	20.00	23.98	-4.00
	5630	126	AVG	19.83	20.00	23.98	-4.15
	5670	134	AVG	18.45	17.80	23.98	-5.53
	5710	142	AVG	19.83	19.92	23.98	-4.15
	5755	151	AVG	19.92	19.80	30.00	-10.08
	5795	159	AVG	19.99	20.00	30.00	-10.01

Table 7-47. FCC Antenna WF8 40MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
	5190	38	AVG	14.93	14.07	23.98	-9.05
	5230	46	AVG	19.89	20.00	23.98	-4.09
	5270	54	AVG	19.98	19.88	23.98	-4.00
	5310	62	AVG	15.43	14.88	23.98	-8.55
	5510	102	AVG	14.94	13.26	23.98	-9.04
	5550	110	AVG	18.85	17.99	23.98	-5.13
	5590	118	AVG	20.00	19.80	23.98	-3.98
	5630	126	AVG	19.77	19.95	23.98	-4.21
	5670	134	AVG	17.50	17.49	23.98	-6.48
	5710	142	AVG	19.89	20.00	23.98	-4.09
	5755	151	AVG	19.96	19.89	30.00	-10.04
	5795	159	AVG	20.00	19.85	30.00	-10.00

Table 7-48. FCC Antenna WF8 40MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
	5190	38	AVG	14.00	13.59	23.98	-9.98
	5230	46	AVG	19.97	19.38	23.98	-4.01
	5270	54	AVG	20.00	19.84	23.98	-3.98
	5310	62	AVG	14.86	14.49	23.98	-9.12
	5510	102	AVG	12.50	12.30	23.98	-11.48
	5550	110	AVG	17.78	17.81	23.98	-6.20
	5590	118	AVG	19.92	19.83	23.98	-4.06
	5630	126	AVG	19.82	19.92	23.98	-4.16
	5670	134	AVG	15.26	15.38	23.98	-8.72
	5710	142	AVG	20.00	19.72	23.98	-3.98
	5755	151	AVG	19.48	19.50	30.00	-10.52
	5795	159	AVG	19.84	19.86	30.00	-10.16

Table 7-49. FCC Antenna WF8 40MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	14.31	14.00	23.98	-9.67
	5290	58	AVG	15.88	14.50	23.98	-8.10
	5530	106	AVG	13.93	13.00	23.98	-10.05
	5610	122	AVG	18.42	17.97	23.98	-5.56
	5690	138	AVG	19.92	19.80	23.98	-4.06
	5775	155	AVG	18.65	17.92	30.00	-11.35

Table 7-50. FCC Antenna WF8 80MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	13.35	13.27	23.98	-10.63
	5290	58	AVG	14.94	13.78	23.98	-9.04
	5530	106	AVG	14.00	12.92	23.98	-9.98
	5610	122	AVG	18.00	16.84	23.98	-5.98
	5690	138	AVG	19.84	19.83	23.98	-4.14
	5775	155	AVG	18.22	16.90	30.00	-11.78

Table 7-51. FCC Antenna WF8 80MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	13.00	12.94	23.98	-10.98
	5290	58	AVG	14.50	13.41	23.98	-9.48
	5530	106	AVG	12.50	11.88	23.98	-11.48
	5610	122	AVG	16.73	16.50	23.98	-7.25
	5690	138	AVG	19.88	19.81	23.98	-4.10
	5775	155	AVG	17.22	16.62	30.00	-12.78

Table 7-52. FCC Antenna WF8 80MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	12.44	12.50	23.98	-11.54
	5570	114	AVG	11.83	11.80	30.00	-18.17

Table 7-53. FCC Antenna WF8 160MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	11.91	11.86	23.98	-12.07
	5570	114	AVG	10.79	11.00	30.00	-19.22

Table 7-54. FCC Antenna WF8 160MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	11.36	11.50	23.98	-12.62
	5570	114	AVG	10.5	9.90	30.00	-19.50

Table 7-55. FCC Antenna WF8 160MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

7.4.4 ISED Antenna WF8 Conducted Output Power Measurements

	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
5GHz (20MHz Bandwidth)	5180	36	AVG	16.63	16.59	16.72	-	-	1.70	18.33	23.01	-4.68
	5200	40	AVG	16.75	16.59	16.75	-	-	1.70	18.45	23.01	-4.56
	5240	48	AVG	16.75	16.73	16.75	-	-	1.70	18.45	23.01	-4.56
	5260	52	AVG	19.92	19.97	19.90	23.98	-4.01	0.70	20.67	30.00	-9.34
	5300	60	AVG	19.87	20.00	19.90	23.98	-3.98	0.70	20.70	30.00	-9.30
	5320	64	AVG	18.44	18.41	17.82	23.98	-5.54	0.70	19.14	30.00	-10.86
	5500	100	AVG	18.36	17.84	17.28	23.98	-5.62	1.20	19.56	30.00	-10.44
	5520	104	AVG	19.98	19.45	19.37	23.98	-4.00	1.20	21.18	30.00	-8.82
	5540	108	AVG	19.87	19.90	19.87	23.98	-4.08	1.20	21.10	30.00	-8.90
	5580	116	AVG	19.82	19.88	19.76	23.98	-4.10	1.20	21.08	30.00	-8.92
	5680	136	AVG	19.80	19.94	19.89	23.98	-4.04	1.20	21.14	30.00	-8.86
	5700	140	AVG	16.88	16.81	15.00	23.98	-7.10	1.20	18.08	30.00	-11.92
	5720	144	AVG	19.90	19.92	20.00	23.98	-4.06	1.20	21.12	30.00	-8.88
	5745	149	AVG	19.92	19.90	19.97	30.00	-10.08	0.80	20.72	-	-
	5785	157	AVG	19.90	19.86	19.90	30.00	-10.10	0.80	20.70	-	-
	5825	165	AVG	19.88	19.91	19.92	30.00	-10.09	0.80	20.71	-	-

Table 7-56. ISED Antenna WF8 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
5GHz (20MHz Bandwidth)	5180	36	AVG	16.67	16.64	16.75	-	-	1.70	18.37	23.01	-4.64
	5200	40	AVG	16.69	16.69	16.75	-	-	1.70	18.39	23.01	-4.62
	5240	48	AVG	16.55	16.75	16.71	-	-	1.70	18.45	23.01	-4.56
	5260	52	AVG	19.90	19.81	20.00	23.98	-4.08	0.70	20.60	30.00	-9.40
	5300	60	AVG	19.91	19.93	20.00	23.98	-4.05	0.70	20.63	30.00	-9.37
	5320	64	AVG	17.92	17.93	17.40	23.98	-6.05	0.70	18.63	30.00	-11.37
	5500	100	100	AVG	17.00	16.43	23.98	-6.98	1.20	18.20	30.00	-11.80
	5520	104	104	AVG	20.00	18.96	23.98	-3.98	1.20	21.20	30.00	-8.80
	5540	108	108	AVG	19.90	19.97	23.98	-4.08	1.20	21.10	30.00	-8.90
	5580	116	116	AVG	19.82	19.94	23.98	-4.16	1.20	21.02	30.00	-8.98
	5660	132	132	AVG	19.96	19.83	23.98	-4.02	1.20	21.16	30.00	-8.84
	5680	136	136	AVG	19.94	19.50	23.98	-4.04	1.20	21.14	30.00	-8.86
	5700	140	140	AVG	15.40	14.84	23.98	-8.58	1.20	16.60	30.00	-13.40
	5720	144	144	AVG	19.82	19.77	23.98	-4.16	1.20	21.02	30.00	-8.98
	5745	149	AVG	19.93	19.95	19.95	30.00	-10.05	0.80	20.75	-	-
	5785	157	AVG	19.85	19.90	19.75	30.00	-10.10	0.80	20.70	-	-
	5825	165	AVG	19.89	19.77	19.88	30.00	-10.11	0.80	20.69	-	-

Table 7-57. ISED Antenna WF8 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
	5180	36	AVG	16.75	16.65	16.50	-	-	1.70	18.45	23.01	-4.56
	5200	40	AVG	16.51	16.74	16.71	-	-	1.70	18.44	23.01	-4.57
	5240	48	AVG	16.75	16.75	16.75	-	-	1.70	18.45	23.01	-4.56
	5260	52	AVG	20.00	19.78	19.76	23.98	-3.98	0.70	20.70	30.00	-9.30
	5300	60	AVG	19.88	19.93	20.00	23.98	-4.05	0.70	20.63	30.00	-9.38
	5320	64	AVG	17.35	17.50	16.37	23.98	-6.48	0.70	18.20	30.00	-11.80
	5500	100	AVG	15.36	15.28	15.00	23.98	-8.62	1.20	16.56	30.00	-13.44
	5520	104	AVG	19.91	19.88	17.78	23.98	-4.07	1.20	21.11	30.00	-8.89
	5540	108	AVG	19.80	19.76	19.85	23.98	-4.18	1.20	21.00	30.00	-9.00
	5580	116	AVG	19.92	19.99	19.97	23.98	-3.99	1.20	21.19	30.00	-8.81
	5660	132	AVG	19.79	19.81	19.62	23.98	-4.17	1.20	21.01	30.00	-8.99
	5680	136	AVG	18.39	18.48	18.00	23.98	-5.50	1.20	19.68	30.00	-10.32
	5700	140	AVG	14.33	14.39	13.91	23.98	-9.59	1.20	15.59	30.00	-14.41
	5720	144	AVG	19.80	19.75	19.85	23.98	-4.18	1.20	21.00	30.00	-9.00
	5745	149	AVG	19.92	19.88	19.69	30.00	-10.08	0.80	20.72	-	-
	5785	157	AVG	19.88	19.85	19.62	30.00	-10.12	0.80	20.68	-	-
	5825	165	AVG	19.90	19.89	19.66	30.00	-10.10	0.80	20.70	-	-

Table 7-58. ISED Antenna WF8 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
	5190	38	AVG	15.25	14.87	-	-	1.70	16.95	23.01	-6.06
	5230	46	AVG	19.19	19.25	-	-	1.70	20.89	23.01	-2.12
	5270	54	AVG	19.96	20.00	23.98	-4.02	0.70	20.66	30.00	-9.34
	5310	62	AVG	16.00	15.36	23.98	-7.98	0.70	16.70	30.00	-13.30
	5510	102	AVG	15.39	14.28	23.98	-8.59	1.20	16.59	30.00	-13.41
	5550	110	AVG	19.84	18.69	23.98	-4.14	1.20	21.04	30.00	-8.96
	5670	134	AVG	18.45	17.80	23.98	-5.53	1.20	19.65	30.00	-10.35
	5710	142	AVG	19.83	19.92	23.98	-4.15	1.20	21.03	30.00	-8.97
	5755	151	AVG	19.92	19.80	30.00	-10.08	0.80	20.72	-	-
	5795	159	AVG	19.99	20.00	30.00	-10.01	0.80	20.79	-	-

Table 7-59. ISED Antenna WF8 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
	5190	38	AVG	14.95	14.15	-	-	1.70	16.65	23.01	-6.36
	5230	46	AVG	19.25	19.25	-	-	1.70	20.95	23.01	-2.06
	5270	54	AVG	19.98	19.88	23.98	-4.00	0.70	20.68	30.00	-9.32
	5310	62	AVG	15.43	14.88	23.98	-8.55	0.70	16.13	30.00	-13.87
	5510	102	AVG	14.94	13.26	23.98	-9.04	1.20	16.14	30.00	-13.86
	5550	110	AVG	18.85	17.99	23.98	-5.13	1.20	20.05	30.00	-9.96
	5590	118	AVG	20.00	19.80	23.98	-3.98	1.20	21.20	30.00	-8.80
	5670	134	AVG	17.50	17.49	23.98	-6.48	1.20	18.70	30.00	-11.30
	5710	142	AVG	19.89	20.00	23.98	-4.09	1.20	21.09	30.00	-8.91
	5755	151	AVG	19.96	19.89	30.00	-10.04	0.80	20.76	-	-
	5795	159	AVG	20.00	19.85	30.00	-10.00	0.80	20.80	-	-

Table 7-60. ISED Antenna WF8 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
	5190	38	AVG	14.00	13.51	-	-	1.70	15.70	23.01	-7.31
	5230	46	AVG	19.05	19.20	-	-	1.70	20.75	23.01	-2.26
	5270	54	AVG	20.00	19.84	23.98	-3.98	0.70	20.70	30.00	-9.30
	5310	62	AVG	14.86	14.49	23.98	-9.12	0.70	15.56	30.00	-14.44
	5510	102	AVG	12.50	12.30	23.98	-11.48	1.20	13.70	30.00	-16.30
	5550	110	AVG	17.78	17.81	23.98	-6.20	1.20	18.98	30.00	-11.02
	5590	118	AVG	19.92	19.83	23.98	-4.06	1.20	21.12	30.00	-8.88
	5670	134	AVG	15.26	15.38	23.98	-8.72	1.20	16.46	30.00	-13.54
	5710	142	AVG	20.00	19.72	23.98	-3.98	1.20	21.20	30.00	-8.80
	5755	151	AVG	19.48	19.50	30.00	-10.52	0.80	20.28	-	-
	5795	159	AVG	19.84	19.86	30.00	-10.16	0.80	20.64	-	-

Table 7-61. ISED Antenna WF8 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5210	42	AVG	14.42	14.00	-	-	1.70	16.12	23.01	-6.89
	5290	58	AVG	15.88	14.50	23.98	-8.10	0.70	16.58	30.00	-13.42
	5530	106	AVG	13.93	13.00	23.98	-10.05	1.20	15.13	30.00	-14.87
	5690	138	AVG	19.92	19.80	23.98	-4.06	1.20	21.12	30.00	-8.88
	5775	155	AVG	18.65	17.92	30.00	-11.35	0.80	19.45	-	-

Table 7-62. ISED Antenna WF8 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5210	42	AVG	13.35	13.50	-	-	1.70	15.05	23.01	-7.96
	5290	58	AVG	14.94	13.78	23.98	-9.04	0.70	15.64	30.00	-14.36
	5530	106	AVG	14.00	12.92	23.98	-9.98	1.20	15.20	30.00	-14.80
	5690	138	AVG	19.84	19.83	23.98	-4.14	1.20	21.04	30.00	-8.96
	5775	155	AVG	18.22	16.90	30.00	-11.78	0.80	19.02	-	-

Table 7-63. ISED Antenna WF8 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5210	42	AVG	12.91	13.00	-	-	1.70	14.61	23.01	-8.40
	5290	58	AVG	14.50	13.41	23.98	-9.48	0.70	15.20	30.00	-14.80
	5530	106	AVG	12.50	11.88	23.98	-11.48	1.20	13.70	30.00	-16.30
	5690	138	AVG	19.88	19.81	23.98	-4.10	1.20	21.08	30.00	-8.92
	5775	155	AVG	17.22	16.62	30.00	-12.78	0.80	18.02	-	-

Table 7-64. ISED Antenna WF8 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5250	50	AVG	12.50	12.43	23.98	-11.48	1.70	14.20	23.01	-8.81

Table 7-65. ISED Antenna WF8 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5250	50	AVG	12.00	12.00	23.98	-11.98	1.70	13.70	23.01	-9.31

Table 7-66. ISED Antenna WF8 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5250	50	AVG	11.42	11.36	23.98	-12.56	1.70	13.12	23.01	-9.89

Table 7-67. ISED Antenna WF8 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

7.4.5 FCC Antenna WF7 Conducted Output Power Measurements

	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
5GHz (20MHz Bandwidth)	5180	36	AVG	18.29	18.31	17.62	23.98	-5.67
	5200	40	AVG	19.90	19.92	19.94	23.98	-4.06
	5240	48	AVG	19.88	19.90	19.96	23.98	-4.08
	5260	52	AVG	19.91	19.93	19.90	23.98	-4.05
	5300	60	AVG	19.90	19.87	19.96	23.98	-4.08
	5320	64	AVG	18.42	18.39	17.84	23.98	-5.56
	5500	100	AVG	18.00	17.86	17.26	23.98	-5.98
	5520	104	AVG	19.77	19.26	19.38	23.98	-4.21
	5540	108	AVG	19.78	19.81	19.48	23.98	-4.17
	5580	116	AVG	19.89	19.92	19.90	23.98	-4.06
	5680	136	AVG	19.96	19.85	19.84	23.98	-4.02
	5700	140	AVG	17.00	16.90	14.80	23.98	-6.98
	5720	144	AVG	19.90	19.86	19.77	23.98	-4.08
	5745	149	AVG	19.87	19.95	19.90	30.00	-10.05
	5785	157	AVG	19.90	19.90	19.88	30.00	-10.10
	5825	165	AVG	19.92	19.94	19.95	30.00	-10.06

Table 7-68. FCC Antenna WF7 20MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
5GHz (20MHz Bandwidth)	5180	36	AVG	16.85	16.91	16.87	23.98	-7.07
	5200	40	AVG	19.90	19.94	19.90	23.98	-4.04
	5240	48	AVG	19.91	19.88	19.90	23.98	-4.07
	5260	52	AVG	19.85	19.89	19.98	23.98	-4.09
	5300	60	AVG	19.86	19.90	19.88	23.98	-4.08
	5320	64	AVG	17.91	17.90	17.50	23.98	-6.07
	5500	100	AVG	16.92	17.00	16.50	23.98	-6.98
	5520	104	AVG	19.79	19.31	18.85	23.98	-4.19
	5540	108	AVG	19.93	19.98	19.62	23.98	-4.00
	5580	116	AVG	19.86	19.94	19.90	23.98	-4.04
	5660	132	AVG	19.90	19.83	19.67	23.98	-4.08
	5680	136	AVG	19.87	19.88	19.89	23.98	-4.10
	5700	140	AVG	15.46	15.50	14.76	23.98	-8.48
	5720	144	AVG	19.94	19.98	19.93	23.98	-4.00
	5745	149	AVG	19.91	19.82	19.82	30.00	-10.09
	5785	157	AVG	19.88	19.87	19.93	30.00	-10.12
	5825	165	AVG	19.92	19.94	19.90	30.00	-10.06

Table 7-69. FCC Antenna WF7 20MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11a	802.11n	802.11ax		
	5180	36	AVG	17.00	17.00	16.40	23.98	-6.98
	5200	40	AVG	19.88	19.92	19.23	23.98	-4.06
	5240	48	AVG	19.90	19.96	19.29	23.98	-4.02
	5260	52	AVG	19.97	19.85	19.23	23.98	-4.01
	5300	60	AVG	19.90	19.80	19.20	23.98	-4.08
	5320	64	AVG	17.47	17.44	16.36	23.98	-6.51
	5500	100	AVG	15.34	15.50	14.85	23.98	-8.48
	5520	104	AVG	19.85	19.90	18.00	23.98	-4.08
	5540	108	AVG	19.41	19.36	19.25	23.98	-4.57
	5580	116	AVG	19.86	19.91	19.92	23.98	-4.07
	5660	132	AVG	19.60	19.36	19.40	23.98	-4.38
	5680	136	AVG	18.37	18.50	17.92	23.98	-5.48
	5700	140	AVG	14.50	14.36	14.00	23.98	-9.48
	5720	144	AVG	19.90	19.80	19.89	23.98	-4.08
	5745	149	AVG	19.90	19.86	19.84	30.00	-10.10
	5785	157	AVG	19.95	19.89	19.92	30.00	-10.05
	5825	165	AVG	19.93	19.85	18.90	30.00	-10.07

Table 7-70. FCC Antenna WF7 20MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
	5190	38	AVG	15.25	14.91	23.98	-8.73
	5230	46	AVG	19.90	19.60	23.98	-4.08
	5270	54	AVG	19.92	19.93	23.98	-4.06
	5310	62	AVG	16.00	15.31	23.98	-7.98
	5510	102	AVG	15.50	14.31	23.98	-8.48
	5550	110	AVG	19.81	18.75	23.98	-4.17
	5590	118	AVG	19.98	19.91	23.98	-4.00
	5630	126	AVG	19.95	19.90	23.98	-4.03
	5670	134	AVG	18.43	19.86	23.98	-5.55
	5710	142	AVG	19.96	19.90	23.98	-4.02
	5755	151	AVG	19.92	19.90	30.00	-10.08
	5795	159	AVG	19.80	19.95	30.00	-10.20

Table 7-71. FCC Antenna WF7 40MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
	5190	38	AVG	14.99	14.23	23.98	-8.99
	5230	46	AVG	19.89	19.92	23.98	-4.09
	5270	54	AVG	19.84	19.89	23.98	-4.14
	5310	62	AVG	15.30	14.99	23.98	-8.68
	5510	102	AVG	15.00	13.41	23.98	-8.98
	5550	110	AVG	18.95	17.88	23.98	-5.03
	5590	118	AVG	19.92	19.87	23.98	-4.06
	5630	126	AVG	19.95	19.85	23.98	-4.03
	5670	134	AVG	17.48	17.44	23.98	-6.50
	5710	142	AVG	19.90	19.88	23.98	-4.08
	5755	151	AVG	19.87	19.91	30.00	-10.13
	5795	159	AVG	19.84	19.90	30.00	-10.16

Table 7-72. FCC Antenna WF7 40MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11n	802.11ax		
	5190	38	AVG	14.00	13.71	23.98	-9.98
	5230	46	AVG	19.89	19.42	23.98	-4.09
	5270	54	AVG	19.85	19.83	23.98	-4.13
	5310	62	AVG	14.78	14.49	23.98	-9.20
	5510	102	AVG	12.37	12.50	23.98	-11.61
	5550	110	AVG	17.88	17.87	23.98	-6.10
	5590	118	AVG	19.84	19.82	23.98	-4.14
	5630	126	AVG	19.85	19.86	23.98	-4.13
	5670	134	AVG	15.27	15.41	23.98	-8.71
	5710	142	AVG	19.82	19.81	23.98	-4.16
	5755	151	AVG	19.88	19.42	30.00	-10.12
	5795	159	AVG	19.87	19.85	30.00	-10.13

Table 7-73. FCC Antenna WF7 40MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	14.40	13.80	23.98	-9.58
	5290	58	AVG	15.82	14.43	23.98	-8.16
	5530	106	AVG	13.95	13.00	23.98	-10.03
	5610	122	AVG	18.50	18.00	23.98	-5.48
	5690	138	AVG	19.86	19.81	23.98	-4.12
	5775	155	AVG	18.70	17.92	30.00	-11.30

Table 7-74. FCC Antenna WF7 80MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	13.27	13.28	23.98	-10.71
	5290	58	AVG	14.97	13.82	23.98	-9.01
	5530	106	AVG	13.81	12.76	23.98	-10.17
	5610	122	AVG	18.00	16.84	23.98	-5.98
	5690	138	AVG	19.85	18.89	23.98	-4.13
	5775	155	AVG	18.21	16.95	30.00	-11.79

Table 7-75. FCC Antenna WF7 80MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5210	42	AVG	13.00	12.94	23.98	-10.98
	5290	58	AVG	14.35	13.45	23.98	-9.63
	5530	106	AVG	12.46	11.89	23.98	-11.52
	5610	122	AVG	16.85	16.50	23.98	-7.13
	5690	138	AVG	19.86	19.88	23.98	-4.12
	5775	155	AVG	17.12	16.70	30.00	-12.88

Table 7-76. FCC Antenna WF7 80MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	12.45	12.22	23.98	-11.53
	5570	114	AVG	11.89	11.90	30.00	-18.11

Table 7-77. FCC Antenna WF7 160MHz BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	11.95	11.92	23.98	-12.03
	5570	114	AVG	11.00	10.90	30.00	-19.00

Table 7-78. FCC Antenna WF7 160MHz BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	Conducted Power [dBm]		Conducted Power Limit [dBm]	Conducted Power Margin [dB]
				802.11ac	802.11ax		
	5250	50	AVG	11.42	11.40	23.98	-12.56
	5570	114	AVG	10.4	10.43	30.00	-19.60

Table 7-79. FCC Antenna WF7 160MHz BW (UNII) Maximum Conducted Output Power (High Data Rate)

7.4.6 ISED Antenna WF7 Conducted Output Power Measurements

	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
5GHz (20MHz Bandwidth)	5180	36	AVG	16.65	16.45	16.57	-	-	-0.20	16.45	23.01	-6.56
	5200	40	AVG	16.69	16.75	16.68	-	-	-0.20	16.55	23.01	-6.46
	5240	48	AVG	16.71	16.75	16.56	-	-	-0.20	16.55	23.01	-6.46
	5260	52	AVG	19.91	19.93	19.90	23.98	-4.05	-0.40	19.53	30.00	-10.47
	5300	60	AVG	19.90	19.87	19.96	23.98	-4.08	-0.40	19.50	30.00	-10.50
	5320	64	AVG	18.42	18.39	17.84	23.98	-5.56	-0.40	18.02	30.00	-11.98
	5500	100	AVG	18.00	17.86	17.26	23.98	-5.98	2.70	20.70	30.00	-9.30
	5520	104	AVG	19.77	19.26	19.38	23.98	-4.21	2.70	22.47	30.00	-7.53
	5540	108	AVG	19.78	19.81	19.48	23.98	-4.17	2.70	22.51	30.00	-7.49
	5580	116	AVG	19.89	19.92	19.90	23.98	-4.06	2.70	22.62	30.00	-7.38
	5680	136	AVG	19.96	19.85	19.84	23.98	-4.02	2.70	22.66	30.00	-7.34
	5700	140	AVG	17.00	16.90	14.80	23.98	-6.98	2.70	19.70	30.00	-10.30
	5720	144	AVG	19.90	19.86	19.77	23.98	-4.08	2.70	22.60	30.00	-7.40
	5745	149	AVG	19.87	19.95	19.90	30.00	-10.05	1.90	21.85	-	-
	5785	157	AVG	19.90	19.90	19.88	30.00	-10.10	1.90	21.80	-	-
	5825	165	AVG	19.92	19.94	19.95	30.00	-10.06	1.90	21.84	-	-

Table 7-80. ISED Antenna WF7 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
5GHz (20MHz Bandwidth)	5180	36	AVG	16.66	16.60	16.52	-	-	-0.20	16.46	23.01	-6.55
	5200	40	AVG	16.68	16.49	16.66	-	-	-0.20	16.48	23.01	-6.53
	5240	48	AVG	16.74	16.75	16.72	-	-	-0.20	16.55	23.01	-6.46
	5260	52	AVG	19.85	19.89	19.98	23.98	-4.09	-0.40	19.49	30.00	-10.51
	5300	60	AVG	19.86	19.90	19.88	23.98	-4.08	-0.40	19.50	30.00	-10.50
	5320	64	AVG	17.91	17.90	17.50	23.98	-6.07	-0.40	17.51	30.00	-12.49
	5500	100	AVG	16.92	17.00	16.50	23.98	-6.98	2.70	19.70	30.00	-10.30
	5520	104	AVG	19.79	19.31	18.85	23.98	-4.19	2.70	22.49	30.00	-7.51
	5540	108	AVG	19.93	19.98	19.62	23.98	-4.00	2.70	22.68	30.00	-7.32
	5580	116	AVG	19.86	19.94	19.90	23.98	-4.04	2.70	22.64	30.00	-7.36
	5660	132	AVG	19.90	19.83	19.67	23.98	-4.08	2.70	22.60	30.00	-7.40
	5680	136	AVG	19.87	19.88	19.89	23.98	-4.10	2.70	22.58	30.00	-7.42
	5700	140	AVG	15.46	15.50	14.76	23.98	-8.48	2.70	18.20	30.00	-11.80
	5720	144	AVG	19.94	19.98	19.93	23.98	-4.00	2.70	22.68	30.00	-7.32
	5745	149	AVG	19.91	19.82	19.82	30.00	-10.09	1.90	21.81	-	-
	5785	157	AVG	19.88	19.87	19.93	30.00	-10.12	1.90	21.78	-	-
	5825	165	AVG	19.92	19.94	19.90	30.00	-10.06	1.90	21.84	-	-

Table 7-81. ISED Antenna WF7 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

	Freq [MHz]	Channel	Detector	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]
				802.11a	802.11n	802.11ax						
5GHz (20MHz Bandwidth)	5180	36	AVG	16.65	16.75	16.38	-	-	-0.20	16.55	23.01	-6.46
	5200	40	AVG	16.68	16.75	16.67	-	-	-0.20	16.55	23.01	-6.46
	5240	48	AVG	16.70	16.75	16.75	-	-	-0.20	16.55	23.01	-6.46
	5260	52	AVG	19.97	19.85	19.23	23.98	-4.01	-0.40	19.57	30.00	-10.43
	5300	60	AVG	19.90	19.80	19.20	23.98	-4.08	-0.40	19.50	30.00	-10.50
	5320	64	AVG	17.47	17.44	16.36	23.98	-6.51	-0.40	17.07	30.00	-12.93
	5500	100	AVG	15.34	15.50	14.85	23.98	-8.48	2.70	18.20	30.00	-11.80
	5520	104	AVG	19.85	19.90	18.00	23.98	-4.08	2.70	22.60	30.00	-7.40
	5540	108	AVG	19.41	19.36	19.25	23.98	-4.57	2.70	22.11	30.00	-7.90
	5580	116	AVG	19.86	19.91	19.92	23.98	-4.07	2.70	22.61	30.00	-7.39
	5660	132	AVG	19.60	19.36	19.40	23.98	-4.38	2.70	22.30	30.00	-7.70
	5680	136	AVG	18.37	18.50	17.92	23.98	-5.48	2.70	21.20	30.00	-8.80
	5700	140	AVG	14.50	14.36	14.00	23.98	-9.48	2.70	17.20	30.00	-12.80
	5720	144	AVG	19.90	19.80	19.89	23.98	-4.08	2.70	22.60	30.00	-7.40
	5745	149	AVG	19.90	19.86	19.84	30.00	-10.10	1.90	21.80	-	-
	5785	157	AVG	19.95	19.89	19.92	30.00	-10.05	1.90	21.85	-	-
	5825	165	AVG	19.93	19.85	18.90	30.00	-10.07	1.90	21.83	-	-

Table 7-82. ISED Antenna WF7 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
5GHz (40MHz Bandwidth)	5190	38	AVG	15.25	14.96	-	-	-0.20	15.05	23.01	-7.96
	5230	46	AVG	19.15	19.19	-	-	-0.20	18.95	23.01	-4.06
	5270	54	AVG	19.92	19.93	23.98	-4.06	-0.40	19.52	30.00	-10.48
	5310	62	AVG	16.00	15.31	23.98	-7.98	-0.40	15.60	30.00	-14.40
	5510	102	AVG	15.50	14.31	23.98	-8.48	2.70	18.20	30.00	-11.80
	5550	110	AVG	19.81	18.75	23.98	-4.17	2.70	22.51	30.00	-7.49
	5670	134	AVG	18.43	19.86	23.98	-5.55	2.70	21.13	30.00	-8.87
	5710	142	AVG	19.96	19.90	23.98	-4.02	2.70	22.66	30.00	-7.34
	5755	151	AVG	19.92	19.90	30.00	-10.08	1.90	21.82	-	-
	5795	159	AVG	19.80	19.95	30.00	-10.20	1.90	21.70	-	-

Table 7-83. ISED Antenna WF7 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
5GHz (40MHz Bandwidth)	5190	38	AVG	15.25	14.96	-	-	-0.20	15.05	23.01	-7.96
	5230	46	AVG	19.15	19.19	-	-	-0.20	18.95	23.01	-4.06
	5270	54	AVG	19.92	19.93	23.98	-4.06	-0.40	19.52	30.00	-10.48
	5310	62	AVG	16.00	15.31	23.98	-7.98	-0.40	15.60	30.00	-14.40
	5510	102	AVG	15.50	14.31	23.98	-8.48	2.70	18.20	30.00	-11.80
	5550	110	AVG	19.81	18.75	23.98	-4.17	2.70	22.51	30.00	-7.49
	5670	134	AVG	18.43	19.86	23.98	-5.55	2.70	21.13	30.00	-8.87
	5710	142	AVG	19.96	19.90	23.98	-4.02	2.70	22.66	30.00	-7.34
	5755	151	AVG	19.92	19.90	30.00	-10.08	1.90	21.82	-	-
	5795	159	AVG	19.80	19.95	30.00	-10.20	1.90	21.70	-	-

Table 7-84. ISED Antenna WF7 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11n	802.11ax						
	5190	38	AVG	14.00	13.70	-	-	-0.20	13.80	23.01	-9.21
	5230	46	AVG	18.93	19.11	-	-	-0.20	18.73	23.01	-4.28
	5270	54	AVG	19.85	19.83	23.98	-4.13	-0.40	19.45	30.00	-10.55
	5310	62	AVG	14.78	14.49	23.98	-9.20	-0.40	14.38	30.00	-15.63
	5510	102	AVG	12.37	12.50	23.98	-11.61	2.70	15.07	30.00	-14.93
	5550	110	AVG	17.88	17.87	23.98	-6.10	2.70	20.58	30.00	-9.42
	5590	118	AVG	19.84	19.82	23.98	-4.14	2.70	22.54	30.00	-7.46
	5670	134	AVG	15.27	15.41	23.98	-8.71	2.70	17.97	30.00	-12.03
	5710	142	AVG	19.82	19.81	23.98	-4.16	2.70	22.52	30.00	-7.48
	5755	151	AVG	19.88	19.42	30.00	-10.12	1.90	21.78	-	-
	5795	159	AVG	19.87	19.85	30.00	-10.13	1.90	21.77	-	-

Table 7-85. ISED Antenna WF7 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5210	42	AVG	14.33	13.85	-	-	-0.20	14.13	23.01	-8.89
	5290	58	AVG	15.82	14.43	23.98	-8.16	-0.40	15.42	30.00	-14.58
	5530	106	AVG	13.95	13.00	23.98	-10.03	2.70	16.65	30.00	-13.35
	5690	138	AVG	19.86	19.81	23.98	-4.12	2.70	22.56	30.00	-7.44
	5775	155	AVG	18.70	17.92	30.00	-11.30	1.90	20.60	-	-

Table 7-86. ISED Antenna WF7 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5210	42	AVG	13.35	13.32	-	-	-0.20	13.15	23.01	-9.86
	5290	58	AVG	14.97	13.82	23.98	-9.01	-0.40	14.57	30.00	-15.43
	5530	106	AVG	13.81	12.76	23.98	-10.17	2.70	16.51	30.00	-13.49
	5690	138	AVG	19.85	18.89	23.98	-4.13	2.70	22.55	30.00	-7.45
	5775	155	AVG	18.21	16.95	30.00	-11.79	1.90	20.11	-	-

Table 7-87. ISED Antenna WF7 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5210	42	AVG	13.00	12.83	-	-	-0.20	12.80	23.01	-10.21
	5290	58	AVG	14.35	13.45	23.98	-9.63	-0.40	13.95	30.00	-16.05
	5530	106	AVG	12.46	11.89	23.98	-11.52	2.70	15.16	30.00	-14.84
	5690	138	AVG	19.86	19.88	23.98	-4.12	2.70	22.56	30.00	-7.44
	5775	155	AVG	17.12	16.70	30.00	-12.88	1.90	19.02	-	-

Table 7-88. ISED Antenna WF7 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5250	50	AVG	12.44	12.40	30.00	-17.56	-0.20	12.24	23.01	-10.77

Table 7-89. ISED Antenna WF7 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5250	50	AVG	11.98	11.90	23.98	-12.00	-0.20	11.78	23.01	-11.23

Table 7-90. ISED Antenna WF7 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	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]
				802.11ac	802.11ax						
	5250	50	AVG	12.90	12.91	23.98	-11.08	-0.20	12.70	23.01	-10.31

Table 7-91. ISED Antenna WF7 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

7.4.7 FCC CDD Primary Maximum Conducted Output Power Measurements

	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	16.95	16.92	19.95	23.98	-4.03
	5200	40	CDD	AVG	16.91	16.93	19.93	23.98	-4.05
	5240	48	CDD	AVG	16.85	16.91	19.89	23.98	-4.09
	5260	52	CDD	AVG	16.90	16.95	19.94	23.98	-4.04
	5280	56	CDD	AVG	16.92	6.88	17.33	23.98	-6.65
	5320	64	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5500	100	CDD	AVG	16.90	16.96	19.94	23.98	-4.04
	5580	116	CDD	AVG	16.90	16.92	19.92	23.98	-4.06
	5680	136	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5700	140	CDD	AVG	15.49	15.45	18.48	23.98	-5.50
	5720	144	CDD	AVG	16.85	16.82	19.85	23.98	-4.13
	5745	149	CDD	AVG	20.00	20.00	23.01	30.00	-6.99
	5785	157	CDD	AVG	19.95	19.88	22.93	30.00	-7.07
	5825	165	CDD	AVG	19.88	19.91	22.91	30.00	-7.09

Table 7-92. FCC CDD Primary 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (Low Data Rate)

	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	16.41	16.42	19.43	23.98	-4.55
	5200	40	CDD	AVG	16.92	16.90	19.92	23.98	-4.06
	5240	48	CDD	AVG	16.92	17.00	19.97	23.98	-4.01
	5260	52	CDD	AVG	16.90	17.00	19.96	23.98	-4.02
	5280	56	CDD	AVG	16.91	16.96	19.95	23.98	-4.03
	5300	60	CDD	AVG	16.90	16.92	19.92	23.98	-4.06
	5320	64	CDD	AVG	16.99	16.94	19.98	23.98	-4.00
	5500	100	CDD	AVG	16.45	16.46	19.47	23.98	-4.51
	5520	104	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5580	116	CDD	AVG	16.99	16.92	19.97	23.98	-4.01
	5680	136	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5700	140	CDD	AVG	15.00	15.00	18.01	23.98	-5.97
	5720	144	CDD	AVG	16.90	16.89	19.91	23.98	-4.07
	5745	149	CDD	AVG	19.91	19.89	22.91	30.00	-7.09
	5785	157	CDD	AVG	19.95	19.82	22.90	30.00	-7.10
	5825	165	CDD	AVG	19.90	19.91	22.92	30.00	-7.08

Table 7-93. FCC CDD Primary 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (Mid Data Rate)

	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	16.00	15.92	18.97	23.98	-5.01
	5200	40	CDD	AVG	16.92	16.90	19.92	23.98	-4.06
	5240	48	CDD	AVG	16.92	17.00	19.97	23.98	-4.01
	5260	52	CDD	AVG	16.90	17.00	19.96	23.98	-4.02
	5300	60	CDD	AVG	16.90	16.92	19.92	23.98	-4.06
	5320	64	CDD	AVG	16.49	16.44	19.48	23.98	-4.50
	5500	100	CDD	AVG	15.20	15.25	18.24	23.98	-5.74
	5520	104	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5580	116	CDD	AVG	16.99	16.92	19.97	23.98	-4.01
	5680	136	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5700	140	CDD	AVG	14.00	14.00	17.01	23.98	-6.97
	5720	144	CDD	AVG	16.90	16.89	19.91	23.98	-4.07
	5745	149	CDD	AVG	19.91	19.89	22.91	30.00	-7.09
	5785	157	CDD	AVG	19.95	19.82	22.90	30.00	-7.10
	5825	165	CDD	AVG	19.90	19.91	22.92	30.00	-7.08

Table 7-94. FCC CDD Primary 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (High Data Rate)

	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	16.99	16.84	19.93	23.98	-4.05
	5200	40	CDD	AVG	16.98	16.83	19.92	23.98	-4.06
	5240	48	CDD	AVG	16.73	16.87	19.81	23.98	-4.17
	5260	52	CDD	AVG	17.00	16.94	19.98	23.98	-4.00
	5280	56	CDD	AVG	16.90	16.95	19.94	23.98	-4.04
	5320	64	CDD	AVG	17.00	16.96	19.99	23.98	-3.99
	5500	100	CDD	AVG	16.86	16.86	19.87	23.98	-4.11
	5580	116	CDD	AVG	16.88	16.93	19.91	23.98	-4.07
	5680	136	CDD	AVG	16.99	16.98	20.00	23.98	-3.98
	5700	140	CDD	AVG	15.47	15.50	18.49	23.98	-5.49
	5720	144	CDD	AVG	16.84	16.83	19.84	23.98	-4.14
	5745	149	CDD	AVG	19.88	19.86	22.88	30.00	-7.12
	5785	157	CDD	AVG	19.89	19.87	22.89	30.00	-7.11
	5825	165	CDD	AVG	19.90	19.91	22.92	30.00	-7.08

Table 7-95. FCC CDD Primary 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (Low Data Rate)

	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	16.44	16.40	19.43	23.98	-4.55
	5200	40	CDD	AVG	16.86	16.80	19.84	23.98	-4.14
	5240	48	CDD	AVG	16.75	16.95	19.86	23.98	-4.12
	5260	52	CDD	AVG	16.87	16.97	19.93	23.98	-4.05
	5280	56	CDD	AVG	16.80	16.90	19.86	23.98	-4.12
	5300	60	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5320	64	CDD	AVG	17.00	16.92	19.97	23.98	-4.01
	5500	100	CDD	AVG	16.50	16.26	19.39	23.98	-4.59
	5520	104	CDD	AVG	16.91	17.00	19.96	23.98	-4.02
	5580	116	CDD	AVG	16.93	16.88	19.91	23.98	-4.07
	5680	136	CDD	AVG	16.86	16.80	19.84	23.98	-4.14
	5700	140	CDD	AVG	14.84	14.83	17.84	23.98	-6.14
	5720	144	CDD	AVG	17.00	16.78	19.90	23.98	-4.08
	5745	149	CDD	AVG	19.88	19.83	22.87	30.00	-7.13
	5785	157	CDD	AVG	19.86	19.82	22.85	30.00	-7.15
	5825	165	CDD	AVG	19.90	19.81	22.87	30.00	-7.13

Table 7-96. FCC CDD Primary 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (Mid Data Rate)

	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	15.91	15.92	18.93	23.98	-5.05
	5200	40	CDD	AVG	16.92	16.90	19.92	23.98	-4.06
	5240	48	CDD	AVG	16.92	17.00	19.97	23.98	-4.01
	5260	52	CDD	AVG	16.90	17.00	19.96	23.98	-4.02
	5300	60	CDD	AVG	16.90	16.92	19.92	23.98	-4.06
	5320	64	CDD	AVG	16.45	16.47	19.47	23.98	-4.51
	5500	100	CDD	AVG	15.20	15.21	18.22	23.98	-5.76
	5520	104	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5580	116	CDD	AVG	16.99	16.92	19.97	23.98	-4.01
	5680	136	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5700	140	CDD	AVG	13.91	14.00	16.97	23.98	-7.01
	5720	144	CDD	AVG	16.90	16.89	19.91	23.98	-4.07
	5745	149	CDD	AVG	19.91	19.89	22.91	30.00	-7.09
	5785	157	CDD	AVG	19.95	19.82	22.90	30.00	-7.10
	5825	165	CDD	AVG	19.90	19.91	22.92	30.00	-7.08

Table 7-97. FCC CDD Primary 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (High Data Rate)

	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	16.23	16.32	19.28	23.98	-4.70
	5200	40	CDD	AVG	16.85	16.87	19.87	23.98	-4.11
	5240	48	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5260	52	CDD	AVG	16.83	17.00	19.93	23.98	-4.05
	5280	56	CDD	AVG	16.88	16.89	19.90	23.98	-4.08
	5320	64	CDD	AVG	16.45	16.50	19.48	23.98	-4.50
	5500	100	CDD	AVG	16.50	16.50	19.51	23.98	-4.47
	5580	116	CDD	AVG	16.90	17.00	19.96	23.98	-4.02
	5680	136	CDD	AVG	17.00	16.78	19.90	23.98	-4.08
	5700	140	CDD	AVG	14.43	14.42	17.44	23.98	-6.54
	5720	144	CDD	AVG	16.80	17.00	19.91	23.98	-4.07
	5745	149	CDD	AVG	19.75	19.82	22.79	30.00	-7.21
	5785	157	CDD	AVG	20.00	19.82	22.92	30.00	-7.08
	5825	165	CDD	AVG	19.80	19.82	22.82	30.00	-7.18

Table 7-98. FCC CDD Primary 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Low Data Rate)

	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	15.92	15.95	18.95	23.98	-5.03
	5200	40	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5240	48	CDD	AVG	16.84	16.95	19.90	23.98	-4.08
	5260	52	CDD	AVG	16.95	17.00	19.98	23.98	-4.00
	5280	56	CDD	AVG	16.92	16.90	19.92	23.98	-4.06
	5300	60	CDD	AVG	16.91	16.89	19.91	23.98	-4.07
	5320	64	CDD	AVG	16.00	15.95	18.98	23.98	-5.00
	5500	100	CDD	AVG	15.76	15.92	18.85	23.98	-5.13
	5520	104	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5580	116	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5680	136	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5700	140	CDD	AVG	13.90	14.00	16.96	23.98	-7.02
	5720	144	CDD	AVG	16.84	16.92	19.89	23.98	-4.09
	5745	149	CDD	AVG	19.94	20.00	22.98	30.00	-7.02
	5785	157	CDD	AVG	19.95	19.70	22.83	30.00	-7.17
	5825	165	CDD	AVG	19.89	19.92	22.91	30.00	-7.09

Table 7-99. FCC CDD Primary 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Mid Data Rate)

	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	15.37	15.40	18.40	23.98	-5.58
	5200	40	CDD	AVG	16.77	16.87	19.83	23.98	-4.15
	5240	48	CDD	AVG	16.71	17.00	19.87	23.98	-4.11
	5260	52	CDD	AVG	16.89	17.00	19.95	23.98	-4.03
	5280	56	CDD	AVG	16.90	16.98	19.95	23.98	-4.03
	5300	60	CDD	AVG	16.75	17.00	19.89	23.98	-4.09
	5320	64	CDD	AVG	15.50	15.50	18.51	23.98	-5.47
	5500	100	CDD	AVG	14.37	14.50	17.45	23.98	-6.53
	5520	104	CDD	AVG	16.88	17.00	19.95	23.98	-4.03
	5580	116	CDD	AVG	16.93	17.00	19.97	23.98	-4.01
	5680	136	CDD	AVG	17.00	16.94	19.98	23.98	-4.00
	5700	140	CDD	AVG	12.86	13.00	15.94	23.98	-8.04
	5720	144	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5745	149	CDD	AVG	19.83	19.80	22.83	30.00	-7.17
	5785	157	CDD	AVG	20.00	19.82	22.92	30.00	-7.08
	5825	165	CDD	AVG	20.00	19.83	22.93	30.00	-7.07

Table 7-100. FCC CDD Primary 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power (High Data Rate)

	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
5GHz (40MHz Bandwidth)	5190	38	CDD	AVG	14.00	13.99	17.00	23.98	-6.98
	5230	46	CDD	AVG	19.50	19.46	22.49	23.98	-1.49
	5270	54	CDD	AVG	19.50	19.46	22.49	23.98	-1.49
	5310	62	CDD	AVG	14.79	15.00	17.91	23.98	-6.07
	5510	102	CDD	AVG	14.85	15.00	17.94	23.98	-6.04
	5550	110	CDD	AVG	19.50	19.47	22.49	23.98	-1.49
	5630	126	CDD	AVG	19.50	19.50	22.51	23.98	-1.47
	5670	134	CDD	AVG	17.40	17.50	20.46	23.98	-3.52
	5710	142	CDD	AVG	19.50	19.48	22.50	23.98	-1.48
	5755	151	CDD	AVG	19.83	19.86	22.85	30.00	-7.15
	5795	159	CDD	AVG	19.79	19.93	22.87	30.00	-7.13

Table 7-101. FCC CDD Primary 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
	5190	38	CDD	AVG	14.00	13.95	16.98	23.98	-7.00
	5230	46	CDD	AVG	19.30	19.30	22.31	23.98	-1.67
	5270	54	CDD	AVG	19.50	19.41	22.47	23.98	-1.51
	5310	62	CDD	AVG	14.50	14.45	17.49	23.98	-6.49
	5510	102	CDD	AVG	14.50	14.31	17.41	23.98	-6.57
	5550	110	CDD	AVG	18.88	18.83	21.87	23.98	-2.11
	5590	118	CDD	AVG	19.48	19.50	22.50	23.98	-1.48
	5630	126	CDD	AVG	19.50	19.38	22.45	23.98	-1.53
	5670	134	CDD	AVG	16.79	16.95	19.88	23.98	-4.10
	5710	142	CDD	AVG	19.50	19.37	22.45	23.98	-1.53
	5755	151	CDD	AVG	19.92	19.84	22.89	30.00	-7.11
	5795	159	CDD	AVG	19.94	19.97	22.96	30.00	-7.04

Table 7-102. FCC CDD Primary 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
	5190	38	CDD	AVG	12.83	12.98	15.92	23.98	-8.06
	5230	46	CDD	AVG	19.25	19.25	22.26	23.98	-1.72
	5270	54	CDD	AVG	18.84	18.79	21.82	23.98	-2.16
	5310	62	CDD	AVG	13.29	13.50	16.41	23.98	-7.57
	5510	102	CDD	AVG	12.34	12.50	15.43	23.98	-8.55
	5550	110	CDD	AVG	17.91	17.92	20.92	23.98	-3.06
	5590	118	CDD	AVG	19.50	19.43	22.48	23.98	-1.50
	5630	126	CDD	AVG	19.50	19.28	22.40	23.98	-1.58
	5670	134	CDD	AVG	14.75	15.00	17.89	23.98	-6.09
	5710	142	CDD	AVG	19.37	19.50	22.45	23.98	-1.53
	5755	151	CDD	AVG	19.37	19.47	22.43	30.00	-7.57
	5795	159	CDD	AVG	19.93	19.96	22.96	30.00	-7.04

Table 7-103. FCC CDD Primary40MHz BW 802.11n (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
	5190	38	CDD	AVG	14.00	13.83	16.93	23.98	-7.05
	5230	46	CDD	AVG	19.50	19.50	22.51	23.98	-1.47
	5270	54	CDD	AVG	19.50	19.50	22.51	23.98	-1.47
	5310	62	CDD	AVG	13.90	13.81	16.87	23.98	-7.11
	5510	102	CDD	AVG	13.41	13.47	16.45	23.98	-7.53
	5550	110	CDD	AVG	17.88	18.00	20.95	23.98	-3.03
	5630	126	CDD	AVG	19.50	19.50	22.51	23.98	-1.47
	5670	134	CDD	AVG	16.91	16.99	19.96	23.98	-4.02
	5710	142	CDD	AVG	19.33	19.50	22.42	23.98	-1.56
	5755	151	CDD	AVG	19.86	20.00	22.94	30.00	-7.06
	5795	159	CDD	AVG	19.82	19.97	22.90	30.00	-7.10

Table 7-104. FCC CDD Primary 40MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
	5190	38	CDD	AVG	13.97	13.78	16.89	23.98	-7.09
	5230	46	CDD	AVG	19.44	19.28	22.37	23.98	-1.61
	5270	54	CDD	AVG	19.32	19.34	22.34	23.98	-1.64
	5310	62	CDD	AVG	14.00	13.87	16.95	23.98	-7.03
	5510	102	CDD	AVG	13.00	12.96	15.99	23.98	-7.99
	5550	110	CDD	AVG	17.68	17.70	20.70	23.98	-3.28
	5590	118	CDD	AVG	19.34	19.50	22.43	23.98	-1.55
	5630	126	CDD	AVG	19.28	19.33	22.31	23.98	-1.67
	5670	134	CDD	AVG	16.00	15.92	18.97	23.98	-5.01
	5710	142	CDD	AVG	19.31	19.50	22.42	23.98	-1.56
	5755	151	CDD	AVG	19.38	19.35	22.38	30.00	-7.62
	5795	159	CDD	AVG	19.76	19.88	22.83	30.00	-7.17

Table 7-105. FCC CDD Primary 40MHz BW802.11ax (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
	5190	38	CDD	AVG	12.84	13.00	15.93	23.98	-8.05
	5230	46	CDD	AVG	18.64	18.56	21.61	23.98	-2.37
	5270	54	CDD	AVG	19.00	18.83	21.92	23.98	-2.06
	5310	62	CDD	AVG	12.81	12.79	15.81	23.98	-8.17
	5510	102	CDD	AVG	12.00	11.95	14.98	23.98	-9.00
	5550	110	CDD	AVG	17.30	17.50	20.41	23.98	-3.57
	5590	118	CDD	AVG	19.50	19.50	22.51	23.98	-1.47
	5630	126	CDD	AVG	19.38	19.50	22.45	23.98	-1.53
	5670	134	CDD	AVG	15.00	15.00	18.01	23.98	-5.97
	5710	142	CDD	AVG	19.38	19.34	22.37	23.98	-1.61
	5755	151	CDD	AVG	18.32	18.29	21.32	30.00	-8.68
	5795	159	CDD	AVG	19.63	19.76	22.71	30.00	-7.29

Table 7-106. FCC CDD Primary 40MHz BW 802.11ax (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
	5210	42	CDD	AVG	13.50	13.46	16.49	23.98	-7.49
	5290	58	CDD	AVG	14.31	14.36	17.34	23.98	-6.64
	5530	106	CDD	AVG	13.35	13.30	16.33	23.98	-7.65
	5610	122	CDD	AVG	17.99	18.00	21.00	23.98	-2.98
	5690	138	CDD	AVG	19.86	19.95	22.91	23.98	-1.07
	5775	155	CDD	AVG	18.19	18.21	21.21	30.00	-8.79

Table 7-107. FCC CDD Primary 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
	5210	42	CDD	AVG	12.97	12.85	15.92	23.98	-8.06
	5290	58	CDD	AVG	13.83	14.00	16.93	23.98	-7.05
	5530	106	CDD	AVG	12.86	12.86	15.87	23.98	-8.11
	5610	122	CDD	AVG	17.31	17.21	20.27	23.98	-3.71
	5690	138	CDD	AVG	19.85	19.74	22.81	23.98	-1.17
	5775	155	CDD	AVG	17.70	17.65	20.69	30.00	-9.31

Table 7-108. FCC CDD Primary 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
	5210	42	CDD	AVG	11.97	11.94	14.97	23.98	-9.01
	5290	58	CDD	AVG	13.50	13.41	16.47	23.98	-7.51
	5530	106	CDD	AVG	11.35	11.46	14.42	23.98	-9.56
	5610	122	CDD	AVG	16.27	16.50	19.40	23.98	-4.58
	5690	138	CDD	AVG	19.88	19.86	22.88	23.98	-1.10
	5775	155	CDD	AVG	16.91	16.96	19.95	30.00	-10.05

Table 7-109. FCC CDD Primary 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
	5210	42	CDD	AVG	12.50	12.49	15.51	23.98	-8.47
	5290	58	CDD	AVG	13.92	13.78	16.86	23.98	-7.12
	5530	106	CDD	AVG	12.50	12.32	15.42	23.98	-8.56
	5610	122	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5690	138	CDD	AVG	19.85	19.88	22.88	23.98	-1.10
	5775	155	CDD	AVG	17.19	17.14	20.18	30.00	-9.82

Table 7-110. FCC CDD Primary 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
	5210	42	CDD	AVG	11.88	11.76	14.83	23.98	-9.15
	5290	58	CDD	AVG	13.41	13.47	16.45	23.98	-7.53
	5530	106	CDD	AVG	12.00	12.00	15.01	23.98	-8.97
	5610	122	CDD	AVG	17.00	16.85	19.94	23.98	-4.04
	5690	138	CDD	AVG	19.96	20.00	22.99	23.98	-0.99
	5775	155	CDD	AVG	16.90	16.88	19.90	30.00	-10.10

Table 7-111. FCC CDD Primary 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
	5210	42	CDD	AVG	11.84	11.87	14.86	23.98	-9.12
	5290	58	CDD	AVG	12.83	12.88	15.86	23.98	-8.12
	5530	106	CDD	AVG	11.50	11.50	14.51	23.98	-9.47
	5610	122	CDD	AVG	16.46	16.45	19.47	23.98	-4.51
	5690	138	CDD	AVG	19.88	19.84	22.87	23.98	-1.11
	5775	155	CDD	AVG	16.40	16.45	19.44	30.00	-10.56

Table 7-112. FCC CDD Primary 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
	5250	50	CDD	AVG	11.88	12.00	14.95	23.98	-9.03
	5570	114	CDD	AVG	10.40	10.42	13.42	30.00	-16.58

Table 7-113. FCC CDD Primary 160MHz 802.11ac BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
	5250	50	CDD	AVG	10.92	10.96	13.95	23.98	-10.03
	5570	114	CDD	AVG	9.95	9.88	12.93	30.00	-17.07

Table 7-114. FCC CDD Primary 160MHz 802.11ac BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
	5250	50	CDD	AVG	10.50	10.45	13.49	23.98	-10.49
	5570	114	CDD	AVG	8.88	8.91	11.91	30.00	-18.09

Table 7-115. FCC CDD Primary 160MHz 802.11ac BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
	5250	50	CDD	AVG	11.88	11.90	14.90	23.98	-9.08
	5570	114	CDD	AVG	10.41	10.49	13.46	30.00	-16.54

Table 7-116. FCC CDD Primary 160MHz 802.11ax BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
	5250	50	CDD	AVG	10.89	10.90	13.91	23.98	-10.07
	5570	114	CDD	AVG	9.96	9.93	12.96	30.00	-17.04

Table 7-117. FCC CDD Primary 160MHz 802.11ax BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF5b	Ant WF8	Summed		
	5250	50	CDD	AVG	10.50	10.45	13.49	23.98	-10.49
	5570	114	CDD	AVG	8.88	8.95	11.93	30.00	-18.07

Table 7-118. FCC CDD Primary 160MHz 802.11ax BW (UNII) Maximum Conducted Output Power (High Data Rate)

7.4.8 ISED CDD/SDM Primary Maximum Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5180	36	CDD	AVG	10.66	10.69	13.69	-	-	1.70	15.39	23.01	-7.62
	5200	40	CDD	AVG	10.71	10.70	13.72	-	-	1.70	15.42	23.01	-7.59
	5240	48	CDD	AVG	10.69	10.72	13.72	-	-	1.70	15.42	23.01	-7.59
	5260	52	CDD	AVG	16.90	16.95	19.94	23.98	-4.04	1.80	21.74	30.00	-8.26
	5280	56	CDD	AVG	16.92	6.88	17.33	23.98	-6.65	1.80	19.13	30.00	-10.87
	5320	64	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	1.80	21.81	30.00	-8.19
	5500	100	CDD	AVG	16.90	16.96	19.94	23.98	-4.04	1.90	21.84	30.00	-8.16
	5580	116	CDD	AVG	16.90	16.92	19.92	23.98	-4.06	1.90	21.82	30.00	-8.18
	5680	136	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	1.90	21.91	30.00	-8.09
	5700	140	CDD	AVG	15.49	15.45	18.48	23.98	-5.50	1.90	20.38	30.00	-9.62
	5720	144	CDD	AVG	16.85	16.82	19.85	23.98	-4.13	1.90	21.75	30.00	-8.25
	5745	149	CDD	AVG	20.00	20.00	23.01	30.00	-6.99	2.00	25.01	-	-
	5785	157	CDD	AVG	19.95	19.88	22.93	30.00	-7.07	2.00	24.93	-	-
	5825	165	CDD	AVG	19.88	19.91	22.91	30.00	-7.09	2.00	24.91	-	-

Table 7-119. ISED CDD Primary 20MHz BW 802.11a (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5180	36	CDD	AVG	10.66	10.70	13.69	-	-	1.70	15.39	23.01	-7.62
	5200	40	CDD	AVG	10.68	10.69	13.70	-	-	1.70	15.40	23.01	-7.61
	5240	48	CDD	AVG	10.72	10.75	13.75	-	-	1.70	15.45	23.01	-7.56
	5260	52	CDD	AVG	16.90	17.00	19.96	23.98	-4.02	1.80	21.76	30.00	-8.24
	5280	56	CDD	AVG	16.91	16.96	19.95	23.98	-4.03	1.80	21.75	30.00	-8.25
	5300	60	CDD	AVG	16.90	16.92	19.92	23.98	-4.06	1.80	21.72	30.00	-8.28
	5320	64	CDD	AVG	16.99	16.94	19.98	23.98	-4.00	1.80	21.78	30.00	-8.22
	5500	100	CDD	AVG	16.45	16.46	19.47	23.98	-4.51	1.90	21.37	30.00	-8.63
	5520	104	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	1.90	21.91	30.00	-8.09
	5580	116	CDD	AVG	16.99	16.92	19.97	23.98	-4.01	1.90	21.87	30.00	-8.13
	5680	136	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	1.90	21.91	30.00	-8.09
	5700	140	CDD	AVG	15.00	15.00	18.01	23.98	-5.97	1.90	19.91	30.00	-10.09
	5720	144	CDD	AVG	16.90	16.89	19.91	23.98	-4.07	1.90	21.81	30.00	-8.19
	5745	149	CDD	AVG	19.91	19.89	22.91	30.00	-7.09	2.00	24.91	-	-
	5785	157	CDD	AVG	19.95	19.82	22.90	30.00	-7.10	2.00	24.90	-	-
	5825	165	CDD	AVG	19.90	19.91	22.92	30.00	-7.08	2.00	24.92	-	-

Table 7-120. ISED CDD Primary 20MHz BW 802.11a (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5180	36	CDD	AVG	10.70	10.75	13.74	-	-	1.70	15.44	23.01	-7.57
	5200	40	CDD	AVG	10.68	10.72	13.71	-	-	1.70	15.41	23.01	-7.60
	5240	48	CDD	AVG	10.71	10.70	13.72	-	-	1.70	15.42	23.01	-7.59
	5260	52	CDD	AVG	16.90	17.00	19.96	23.98	-4.02	1.80	21.76	30.00	-8.24
	5300	60	CDD	AVG	16.90	16.92	19.92	23.98	-4.06	1.80	21.72	30.00	-8.28
	5320	64	CDD	AVG	16.49	16.44	19.48	23.98	-4.50	1.80	21.28	30.00	-8.72
	5500	100	CDD	AVG	15.20	15.25	18.24	23.98	-5.74	1.90	20.14	30.00	-9.86
	5520	104	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	1.90	21.91	30.00	-8.09
	5580	116	CDD	AVG	16.99	16.92	19.97	23.98	-4.01	1.90	21.87	30.00	-8.13
	5680	136	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	1.90	21.91	30.00	-8.09
	5700	140	CDD	AVG	14.00	14.00	17.01	23.98	-6.97	1.90	18.91	30.00	-11.09
	5720	144	CDD	AVG	16.90	16.89	19.91	23.98	-4.07	1.90	21.81	30.00	-8.19
	5745	149	CDD	AVG	19.91	19.89	22.91	30.00	-7.09	2.00	24.91	-	-
	5785	157	CDD	AVG	19.95	19.82	22.90	30.00	-7.10	2.00	24.90	-	-
	5825	165	CDD	AVG	19.90	19.91	22.92	30.00	-7.08	2.00	24.92	-	-

Table 7-121. ISED CDD Primary 20MHz BW 802.11a (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5180	36	SDM	AVG	13.75	13.63	16.70	-	-	1.60	18.30	23.01	-4.71
	5200	40	SDM	AVG	13.63	13.63	16.64	-	-	1.60	18.24	23.01	-4.77
	5240	48	SDM	AVG	13.75	13.54	16.66	-	-	1.60	18.26	23.01	-4.75
	5260	52	CDD	AVG	17.00	16.94	19.98	23.98	-4.00	1.80	21.78	30.00	-8.22
	5280	56	CDD	AVG	16.90	16.95	19.94	23.98	-4.04	1.80	21.74	30.00	-8.26
	5320	64	CDD	AVG	17.00	16.96	19.99	23.98	-3.99	1.80	21.79	30.00	-8.21
	5500	100	CDD	AVG	16.86	16.86	19.87	23.98	-4.11	1.90	21.77	30.00	-8.23
	5580	116	CDD	AVG	16.88	16.93	19.91	23.98	-4.07	1.90	21.81	30.00	-8.19
	5680	136	CDD	AVG	16.99	16.98	20.00	23.98	-3.98	1.90	21.90	30.00	-8.10
	5700	140	CDD	AVG	15.47	15.50	18.49	23.98	-5.49	1.90	20.39	30.00	-9.61
	5720	144	CDD	AVG	16.84	16.83	19.84	23.98	-4.14	1.90	21.74	30.00	-8.26
	5745	149	CDD	AVG	19.88	19.86	22.88	30.00	-7.12	2.00	24.88	-	-
	5785	157	CDD	AVG	19.89	19.87	22.89	30.00	-7.11	2.00	24.89	-	-
	5825	165	CDD	AVG	19.90	19.91	22.92	30.00	-7.08	2.00	24.92	-	-

Table 7-122. ISED CDD/SDM Primary 20MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5180	36	SDM	AVG	13.75	13.75	16.76	-	-	1.60	18.36	23.01	-4.65
	5200	40	SDM	AVG	13.75	13.65	16.71	-	-	1.60	18.31	23.01	-4.70
	5240	48	SDM	AVG	13.75	13.56	16.67	-	-	1.60	18.27	23.01	-4.74
	5260	52	CDD	AVG	16.87	16.97	19.93	23.98	-4.05	1.80	21.73	30.00	-8.27
	5280	56	CDD	AVG	16.80	16.90	19.86	23.98	-4.12	1.80	21.66	30.00	-8.34
	5300	60	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	1.80	21.81	30.00	-8.19
	5320	64	CDD	AVG	17.00	16.92	19.97	23.98	-4.01	1.80	21.77	30.00	-8.23
	5500	100	CDD	AVG	16.50	16.26	19.39	23.98	-4.59	1.90	21.29	30.00	-8.71
	5520	104	CDD	AVG	16.91	17.00	19.96	23.98	-4.02	1.90	21.86	30.00	-8.14
	5580	116	CDD	AVG	16.93	16.88	19.91	23.98	-4.07	1.90	21.81	30.00	-8.19
	5680	136	CDD	AVG	16.86	16.80	19.84	23.98	-4.14	1.90	21.74	30.00	-8.26
	5700	140	CDD	AVG	14.84	14.83	17.84	23.98	-6.14	1.90	19.74	30.00	-10.26
	5720	144	CDD	AVG	17.00	16.78	19.90	23.98	-4.08	1.90	21.80	30.00	-8.20
	5745	149	CDD	AVG	19.88	19.83	22.87	30.00	-7.13	2.00	24.87	-	-
	5785	157	CDD	AVG	19.86	19.82	22.85	30.00	-7.15	2.00	24.85	-	-
	5825	165	CDD	AVG	19.90	19.81	22.87	30.00	-7.13	2.00	24.87	-	-

Table 7-123. ISED CDD/SDM Primary 20MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5180	36	SDM	AVG	13.75	13.72	16.75	-	-	1.60	18.35	23.01	-4.66
	5200	40	SDM	AVG	13.75	13.67	16.72	-	-	1.60	18.32	23.01	-4.69
	5240	48	SDM	AVG	13.75	13.58	16.68	-	-	1.60	18.28	23.01	-4.73
	5260	52	CDD	AVG	16.90	17.00	19.96	23.98	-4.02	1.80	21.76	30.00	-8.24
	5300	60	CDD	AVG	16.90	16.92	19.92	23.98	-4.06	1.80	21.72	30.00	-8.28
	5320	64	CDD	AVG	16.45	16.47	19.47	23.98	-4.51	1.80	21.27	30.00	-8.73
	5500	100	CDD	AVG	15.20	15.21	18.22	23.98	-5.76	1.90	20.12	30.00	-9.88
	5520	104	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	1.90	21.91	30.00	-8.09
	5580	116	CDD	AVG	16.99	16.92	19.97	23.98	-4.01	1.90	21.87	30.00	-8.13
	5680	136	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	1.90	21.91	30.00	-8.09
	5700	140	CDD	AVG	15.00	15.00	18.01	23.98	-5.97	1.90	19.91	30.00	-10.09
	5720	144	CDD	AVG	16.90	16.89	19.91	23.98	-4.07	1.90	21.81	30.00	-8.19
	5745	149	CDD	AVG	19.91	19.89	22.91	30.00	-7.09	2.00	24.91	-	-
	5785	157	CDD	AVG	19.95	19.82	22.90	30.00	-7.10	2.00	24.90	-	-
	5825	165	CDD	AVG	19.90	19.91	22.92	30.00	-7.08	2.00	24.92	-	-

Table 7-124. ISED CDD/SDM Primary 20MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5180	36	SDM	AVG	13.50	13.71	16.62	-	-	1.60	18.22	23.01	-4.79
	5200	40	SDM	AVG	13.57	13.53	16.56	-	-	1.60	18.16	23.01	-4.85
	5240	48	SDM	AVG	13.66	13.74	16.71	-	-	1.60	18.31	23.01	-4.70
	5260	52	CDD	AVG	16.83	17.00	19.93	23.98	-4.05	1.80	21.73	30.00	-8.27
	5280	56	CDD	AVG	16.88	16.89	19.90	23.98	-4.08	1.80	21.70	30.00	-8.30
	5320	64	CDD	AVG	16.45	16.50	19.48	23.98	-4.50	1.80	21.28	30.00	-8.72
	5500	100	CDD	AVG	16.50	16.50	19.51	23.98	-4.47	1.90	21.41	30.00	-8.59
	5580	116	CDD	AVG	16.90	17.00	19.96	23.98	-4.02	1.90	21.86	30.00	-8.14
	5680	136	CDD	AVG	17.00	16.78	19.90	23.98	-4.08	1.90	21.80	30.00	-8.20
	5700	140	CDD	AVG	14.43	14.42	17.44	23.98	-6.54	1.90	19.34	30.00	-10.66
	5720	144	CDD	AVG	16.80	17.00	19.91	23.98	-4.07	1.90	21.81	30.00	-8.19
	5745	149	CDD	AVG	19.75	19.82	22.79	30.00	-7.21	2.00	24.79	-	-
	5785	157	CDD	AVG	20.00	19.82	22.92	30.00	-7.08	2.00	24.92	-	-
	5825	165	CDD	AVG	19.80	19.82	22.82	30.00	-7.18	2.00	24.82	-	-

Table 7-125. ISED CDD/SDM Primary 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5180	36	SDM	AVG	13.69	13.49	16.60	-	-	1.60	18.20	23.01	-4.81
	5200	40	SDM	AVG	13.58	13.65	16.62	-	-	1.60	18.22	23.01	-4.79
	5240	48	SDM	AVG	13.51	13.75	16.64	-	-	1.60	18.24	23.01	-4.77
	5260	52	CDD	AVG	16.95	17.00	19.98	23.98	-4.00	1.80	21.78	30.00	-8.22
	5280	56	CDD	AVG	16.92	16.90	19.92	23.98	-4.06	1.80	21.72	30.00	-8.28
	5300	60	CDD	AVG	16.91	16.89	19.91	23.98	-4.07	1.80	21.71	30.00	-8.29
	5320	64	CDD	AVG	16.00	15.95	18.98	23.98	-5.00	1.80	20.78	30.00	-9.22
	5500	100	CDD	AVG	15.76	15.92	18.85	23.98	-5.13	1.90	20.75	30.00	-9.25
	5520	104	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	1.90	21.91	30.00	-8.09
	5580	116	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	1.90	21.91	30.00	-8.09
	5680	136	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	1.90	21.91	30.00	-8.09
	5700	140	CDD	AVG	13.90	14.00	16.96	23.98	-7.02	1.90	18.86	30.00	-11.14
	5720	144	CDD	AVG	16.84	16.92	19.89	23.98	-4.09	1.90	21.79	30.00	-8.21
	5745	149	CDD	AVG	19.94	20.00	22.98	30.00	-7.02	2.00	24.98	-	-
	5785	157	CDD	AVG	19.95	19.70	22.83	30.00	-7.17	2.00	24.83	-	-
	5825	165	CDD	AVG	19.89	19.92	22.91	30.00	-7.09	2.00	24.91	-	-

Table 7-126. ISED CDD/SDM Primary 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5180	36	SDM	AVG	13.53	13.67	16.61	-	-	1.60	18.21	23.01	-4.80
	5200	40	SDM	AVG	13.53	13.75	16.65	-	-	1.60	18.25	23.01	-4.76
	5240	48	SDM	AVG	13.72	13.72	16.73	-	-	1.60	18.33	23.01	-4.68
	5260	52	CDD	AVG	16.89	17.00	19.95	23.98	-4.03	1.80	21.75	30.00	-8.25
	5280	56	CDD	AVG	16.90	16.98	19.95	23.98	-4.03	1.80	21.75	30.00	-8.25
	5300	60	CDD	AVG	16.75	17.00	19.89	23.98	-4.09	1.80	21.69	30.00	-8.31
	5320	64	CDD	AVG	15.50	15.50	18.51	23.98	-5.47	1.80	20.31	30.00	-9.69
	5500	100	CDD	AVG	14.37	14.50	17.45	23.98	-6.53	1.90	19.35	30.00	-10.65
	5520	104	CDD	AVG	16.88	17.00	19.95	23.98	-4.03	1.90	21.85	30.00	-8.15
	5580	116	CDD	AVG	16.93	17.00	19.97	23.98	-4.01	1.90	21.87	30.00	-8.13
	5680	136	CDD	AVG	17.00	16.94	19.98	23.98	-4.00	1.90	21.88	30.00	-8.12
	5700	140	CDD	AVG	12.86	13.00	15.94	23.98	-8.04	1.90	17.84	30.00	-12.16
	5720	144	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	1.90	21.91	30.00	-8.09
	5745	149	CDD	AVG	19.83	19.80	22.83	30.00	-7.17	2.00	24.83	-	-
	5785	157	CDD	AVG	20.00	19.82	22.92	30.00	-7.08	2.00	24.92	-	-
	5825	165	CDD	AVG	20.00	19.83	22.93	30.00	-7.07	2.00	24.93	-	-

Table 7-127. ISED CDD/SDM Primary 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5190	38	SDM	AVG	13.91	13.85	16.89	-	-	1.60	18.49	23.01	-4.52
	5230	46	SDM	AVG	16.02	16.25	19.15	-	-	1.60	20.75	23.01	-2.26
	5270	54	CDD	AVG	19.50	19.46	22.49	23.98	-1.49	1.80	24.29	30.00	-5.71
	5310	62	CDD	AVG	14.79	15.00	17.91	23.98	-6.07	1.80	19.71	30.00	-10.29
	5510	102	CDD	AVG	14.85	15.00	17.94	23.98	-6.04	1.90	19.84	30.00	-10.16
	5550	110	CDD	AVG	19.50	19.47	22.49	23.98	-1.49	1.90	24.39	30.00	-5.61
	5670	134	CDD	AVG	17.40	17.50	20.46	23.98	-3.52	1.90	22.36	30.00	-7.64
	5710	142	CDD	AVG	19.50	19.48	22.50	23.98	-1.48	1.90	24.40	30.00	-5.60
	5755	151	CDD	AVG	19.83	19.86	22.85	30.00	-7.15	2.00	24.85	-	-
	5795	159	CDD	AVG	19.79	19.93	22.87	30.00	-7.13	2.00	24.87	-	-

Table 7-128. ISED CDD/SDM Primary 40MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5190	38	SDM	AVG	14.00	14.00	17.01	-	-	1.60	18.61	23.01	-4.40
	5230	46	SDM	AVG	16.02	16.19	19.11	-	-	1.60	20.71	23.01	-2.30
	5270	54	CDD	AVG	19.50	19.41	22.47	23.98	-1.51	1.80	24.27	30.00	-5.73
	5310	62	CDD	AVG	14.50	14.45	17.49	23.98	-6.49	1.80	19.29	30.00	-10.71
	5510	102	CDD	AVG	14.50	14.31	17.41	23.98	-6.57	1.90	19.31	30.00	-10.69
	5550	110	CDD	AVG	18.88	18.83	21.87	23.98	-2.11	1.90	23.77	30.00	-6.23
	5590	118	CDD	AVG	19.48	19.50	22.50	23.98	-1.48	1.90	24.40	30.00	-5.60
	5670	134	CDD	AVG	16.79	16.95	19.88	23.98	-4.10	1.90	21.78	30.00	-8.22
	5710	142	CDD	AVG	19.50	19.37	22.45	23.98	-1.53	1.90	24.35	30.00	-5.65
	5755	151	CDD	AVG	19.92	19.84	22.89	30.00	-7.11	2.00	24.89	-	-
	5795	159	CDD	AVG	19.94	19.97	22.96	30.00	-7.04	2.00	24.96	-	-

Table 7-129. ISED CDD/SDM Primary 40MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5190	38	SDM	AVG	13.00	13.00	16.01	-	-	1.60	17.61	23.01	-5.40
	5230	46	SDM	AVG	16.11	16.15	19.14	-	-	1.60	20.74	23.01	-2.27
	5270	54	CDD	AVG	18.84	18.79	21.82	23.98	-2.16	1.80	23.62	30.00	-6.38
	5310	62	CDD	AVG	13.29	13.50	16.41	23.98	-7.57	1.80	18.21	30.00	-11.79
	5510	102	CDD	AVG	12.34	12.50	15.43	23.98	-8.55	1.90	17.33	30.00	-12.67
	5550	110	CDD	AVG	17.91	17.92	20.92	23.98	-3.06	1.90	22.82	30.00	-7.18
	5590	118	CDD	AVG	19.50	19.43	22.48	23.98	-1.50	1.90	24.38	30.00	-5.62
	5670	134	CDD	AVG	14.75	15.00	17.89	23.98	-6.09	1.90	19.79	30.00	-10.21
	5710	142	CDD	AVG	19.37	19.50	22.45	23.98	-1.53	1.90	24.35	30.00	-5.65
	5755	151	CDD	AVG	19.37	19.47	22.43	30.00	-7.57	2.00	24.43	-	-
	5795	159	CDD	AVG	19.93	19.96	22.96	30.00	-7.04	2.00	24.96	-	-

Table 7-130. ISED CDD/SDM Primary 40MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5190	38	SDM	AVG	13.79	13.97	16.89	-	-	1.60	18.49	23.01	-4.52
	5230	46	SDM	AVG	16.25	16.10	19.18	-	-	1.60	20.78	23.01	-2.23
	5270	54	CDD	AVG	19.50	19.50	22.51	23.98	-1.47	1.80	24.31	30.00	-5.69
	5310	62	CDD	AVG	13.90	13.81	16.87	23.98	-7.11	1.80	18.67	30.00	-11.33
	5510	102	CDD	AVG	13.41	13.47	16.45	23.98	-7.53	1.90	18.35	30.00	-11.65
	5550	110	CDD	AVG	17.88	18.00	20.95	23.98	-3.03	1.90	22.85	30.00	-7.15
	5670	134	CDD	AVG	16.91	16.99	19.96	23.98	-4.02	1.90	21.86	30.00	-8.14
	5710	142	CDD	AVG	19.33	19.50	22.42	23.98	-1.56	1.90	24.32	30.00	-5.68
	5755	151	CDD	AVG	19.86	20.00	22.94	30.00	-7.06	2.00	24.94	-	-
	5795	159	CDD	AVG	19.82	19.97	22.90	30.00	-7.10	2.00	24.90	-	-

Table 7-131. ISED CDD/SDM Primary 40MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5190	38	SDM	AVG	13.94	13.97	16.97	-	-	1.60	18.57	23.01	-4.44
	5230	46	SDM	AVG	16.14	16.19	19.17	-	-	1.60	20.77	23.01	-2.24
	5270	54	CDD	AVG	19.32	19.34	22.34	23.98	-1.64	1.80	24.14	30.00	-5.86
	5310	62	CDD	AVG	14.00	13.87	16.95	23.98	-7.03	1.80	18.75	30.00	-11.25
	5510	102	CDD	AVG	13.00	12.96	15.99	23.98	-7.99	1.90	17.89	30.00	-12.11
	5550	110	CDD	AVG	17.68	17.70	20.70	23.98	-3.28	1.90	22.60	30.00	-7.40
	5590	118	CDD	AVG	19.34	19.50	22.43	23.98	-1.55	1.90	24.33	30.00	-5.67
	5670	134	CDD	AVG	16.00	15.92	18.97	23.98	-5.01	1.90	20.87	30.00	-9.13
	5710	142	CDD	AVG	19.31	19.50	22.42	23.98	-1.56	1.90	24.32	30.00	-5.68
	5755	151	CDD	AVG	19.38	19.35	22.38	30.00	-7.62	2.00	24.38	-	-
	5795	159	CDD	AVG	19.76	19.88	22.83	30.00	-7.17	2.00	24.83	-	-

Table 7-132. ISED CDD/SDM Primary 40MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5190	38	CDD	AVG	12.96	13.00	15.99	-	-	1.70	17.69	23.01	-5.32
	5230	46	SDM	AVG	16.25	16.25	19.26	-	-	1.60	20.86	23.01	-2.15
	5270	54	CDD	AVG	19.00	18.83	21.92	23.98	-2.06	1.80	23.72	30.00	-6.28
	5310	62	CDD	AVG	12.81	12.79	15.81	23.98	-8.17	1.80	17.61	30.00	-12.39
	5510	102	CDD	AVG	12.00	11.95	14.98	23.98	-9.00	1.90	16.88	30.00	-13.12
	5550	110	CDD	AVG	17.30	17.50	20.41	23.98	-3.57	1.90	22.31	30.00	-7.69
	5590	118	CDD	AVG	19.50	19.50	22.51	23.98	-1.47	1.90	24.41	30.00	-5.59
	5670	134	CDD	AVG	15.00	15.00	18.01	23.98	-5.97	1.90	19.91	30.00	-10.09
	5710	142	CDD	AVG	19.38	19.34	22.37	23.98	-1.61	1.90	24.27	30.00	-5.73
	5755	151	CDD	AVG	18.32	18.29	21.32	30.00	-8.68	2.00	23.32	-	-
	5795	159	CDD	AVG	19.63	19.76	22.71	30.00	-7.29	2.00	24.71	-	-

Table 7-133. ISED CDD/SDM Primary 40MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5210	42	CDD	AVG	13.50	13.33	16.42	-	-	1.70	18.12	23.01	-4.89
	5290	58	CDD	AVG	14.31	14.36	17.34	23.98	-6.64	1.80	19.14	30.00	-10.86
	5530	106	CDD	AVG	13.35	13.30	16.33	23.98	-7.65	1.90	18.23	30.00	-11.77
	5690	138	CDD	AVG	19.86	19.95	22.91	23.98	-1.07	1.90	24.81	30.00	-5.19
	5775	155	CDD	AVG	18.19	18.21	21.21	30.00	-8.79	2.00	23.21	-	-

Table 7-134. ISED CDD Primary 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5210	42	CDD	AVG	13.00	12.98	16.00	-	-	1.70	17.70	23.01	-5.31
	5290	58	CDD	AVG	13.83	14.00	16.93	23.98	-7.05	1.80	18.73	30.00	-11.27
	5530	106	CDD	AVG	12.86	12.86	15.87	23.98	-8.11	1.90	17.77	30.00	-12.23
	5690	138	CDD	AVG	19.85	19.74	22.81	23.98	-1.17	1.90	24.71	30.00	-5.29
	5775	155	CDD	AVG	17.70	17.65	20.69	30.00	-9.31	2.00	22.69	-	-

Table 7-135. ISED CDD Primary 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5210	42	CDD	AVG	11.86	11.79	14.83	-	-	1.70	16.53	23.01	-6.48
	5290	58	CDD	AVG	13.50	13.41	16.47	23.98	-7.51	1.80	18.27	30.00	-11.73
	5530	106	CDD	AVG	11.35	11.46	14.42	23.98	-9.56	1.90	16.32	30.00	-13.68
	5690	138	CDD	AVG	19.88	19.86	22.88	23.98	-1.10	1.90	24.78	30.00	-5.22
	5775	155	CDD	AVG	16.91	16.96	19.95	30.00	-10.05	2.00	21.95	-	-

Table 7-136. ISED CDD/SDM Primary 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5210	42	CDD	AVG	12.26	12.50	15.39	-	-	1.70	17.09	23.01	-5.92
	5290	58	CDD	AVG	13.92	13.78	16.86	23.98	-7.12	1.80	18.66	30.00	-11.34
	5530	106	CDD	AVG	12.50	12.32	15.42	23.98	-8.56	1.90	17.32	30.00	-12.68
	5690	138	CDD	AVG	19.85	19.88	22.88	23.98	-1.10	1.90	24.78	30.00	-5.22
	5775	155	CDD	AVG	17.19	17.14	20.18	30.00	-9.82	2.00	22.18	-	-

Table 7-137. ISED CDD/SDM Primary 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5210	42	CDD	AVG	11.99	11.77	14.89	-	-	1.70	16.59	23.01	-6.42
	5290	58	CDD	AVG	13.41	13.47	16.45	23.98	-7.53	1.80	18.25	30.00	-11.75
	5530	106	CDD	AVG	12.00	12.00	15.01	23.98	-8.97	1.90	16.91	30.00	-13.09
	5690	138	CDD	AVG	19.96	20.00	22.99	23.98	-0.99	1.90	24.89	30.00	-5.11
	5775	155	CDD	AVG	16.90	16.88	19.90	30.00	-10.10	2.00	21.90	-	-

Table 7-138. ISED CDD/SDM Primary 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5210	42	CDD	AVG	11.85	11.84	14.86	-	-	1.70	16.56	23.01	-6.45
	5290	58	CDD	AVG	12.83	12.88	15.86	23.98	-8.12	1.80	17.66	30.00	-12.34
	5530	106	CDD	AVG	11.50	11.50	14.51	23.98	-9.47	1.90	16.41	30.00	-13.59
	5690	138	CDD	AVG	19.88	19.84	22.87	23.98	-1.11	1.90	24.77	30.00	-5.23
	5775	155	CDD	AVG	16.40	16.45	19.44	30.00	-10.56	2.00	21.44	-	-

Table 7-139. ISED CDD/SDM Primary 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5250	50	CDD	AVG	11.94	11.91	14.94	23.98	-9.04	1.80	16.74	23.01	-6.27

Table 7-140. ISED CDD/SDM Primary 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5250	50	CDD	AVG	10.95	10.92	13.95	23.98	-10.03	1.80	15.75	23.01	-7.26

Table 7-141. ISED CDD/SDM Primary 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5250	50	CDD	AVG	10.50	10.47	13.50	23.98	-10.48	1.80	15.30	23.01	-7.71

Table 7-142. ISED CDD/SDM Primary 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5250	50	CDD	AVG	11.91	11.93	14.93	23.98	-9.05	1.80	16.73	23.01	-6.28

Table 7-143. ISED CDD/SDM Primary 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5250	50	CDD	AVG	10.92	10.94	13.94	23.98	-10.04	1.80	15.74	23.01	-7.27

Table 7-144. ISED CDD/SDM Primary 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF5b	Ant WF8	Summed						
	5250	50	CDD	AVG	10.50	10.45	13.49	23.98	-10.49	1.80	15.29	23.01	-7.72

Table 7-145. ISED CDD/SDM Primary 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

7.4.9 FCC CDD Diversity Maximum Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5180	36	CDD	AVG	16.99	16.90	19.96	23.98	-4.02
	5200	40	CDD	AVG	16.96	16.88	19.93	23.98	-4.05
	5240	48	CDD	AVG	16.90	16.90	19.91	23.98	-4.07
	5260	52	CDD	AVG	16.92	16.82	19.88	23.98	-4.10
	5300	60	CDD	AVG	16.95	16.93	19.95	23.98	-4.03
	5320	64	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5500	100	CDD	AVG	16.92	16.95	19.95	23.98	-4.03
	5580	116	CDD	AVG	16.91	16.98	19.96	23.98	-4.02
	5680	136	CDD	AVG	16.99	16.96	19.99	23.98	-3.99
	5700	140	CDD	AVG	15.42	15.48	18.46	23.98	-5.52
	5720	144	CDD	AVG	16.90	16.92	19.92	23.98	-4.06
	5745	149	CDD	AVG	19.82	19.85	22.85	30.00	-7.15
	5785	157	CDD	AVG	19.88	19.89	22.90	30.00	-7.10
	5825	165	CDD	AVG	19.89	19.91	22.91	30.00	-7.09

Table 7-146. FCC CDD Diversity 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5180	36	CDD	AVG	16.40	16.42	19.42	23.98	-4.56
	5200	40	CDD	AVG	16.90	16.89	19.91	23.98	-4.07
	5240	48	CDD	AVG	16.93	16.95	19.95	23.98	-4.03
	5260	52	CDD	AVG	16.90	16.90	19.91	23.98	-4.07
	5280	56	CDD	AVG	16.88	16.89	19.90	23.98	-4.08
	5320	64	CDD	AVG	16.91	16.93	19.93	23.98	-4.05
	5500	100	CDD	AVG	16.50	16.48	19.50	23.98	-4.48
	5520	104	CDD	AVG	16.91	16.90	19.92	23.98	-4.06
	5580	116	CDD	AVG	16.98	16.90	19.95	23.98	-4.03
	5680	136	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5700	140	CDD	AVG	14.94	14.96	17.96	23.98	-6.02
	5720	144	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5745	149	CDD	AVG	19.92	19.90	22.92	30.00	-7.08
	5785	157	CDD	AVG	19.90	19.92	22.92	30.00	-7.08
	5825	165	CDD	AVG	19.89	19.89	22.90	30.00	-7.10

Table 7-147. FCC CDD Diversity 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (Mid Data Rate)

	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	15.94	15.92	18.94	23.98	-5.04
	5200	40	CDD	AVG	16.90	16.88	19.90	23.98	-4.08
	5240	48	CDD	AVG	16.89	16.98	19.95	23.98	-4.03
	5260	52	CDD	AVG	16.89	16.90	19.91	23.98	-4.07
	5280	56	CDD	AVG	16.93	16.90	19.93	23.98	-4.05
	5300	60	CDD	AVG	16.93	16.86	19.91	23.98	-4.07
	5320	64	CDD	AVG	16.45	16.40	19.44	23.98	-4.54
	5500	100	CDD	AVG	15.23	15.15	18.20	23.98	-5.78
	5520	104	CDD	AVG	16.90	16.93	19.93	23.98	-4.05
	5580	116	CDD	AVG	17.00	16.90	19.96	23.98	-4.02
	5680	136	CDD	AVG	16.90	16.93	19.93	23.98	-4.05
	5700	140	CDD	AVG	13.90	13.91	16.92	23.98	-7.06
	5720	144	CDD	AVG	16.85	16.91	19.89	23.98	-4.09
	5745	149	CDD	AVG	19.92	19.88	22.91	30.00	-7.09
	5785	157	CDD	AVG	19.80	19.86	22.84	30.00	-7.16
	5825	165	CDD	AVG	19.88	19.82	22.86	30.00	-7.14

Table 7-148. FCC CDD Diversity 20MHz BW 802.11a (UNII) Maximum Conducted Output Power (High Data Rate)

	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	17.00	16.82	19.92	23.98	-4.06
	5200	40	CDD	AVG	16.95	16.76	19.86	23.98	-4.12
	5240	48	CDD	AVG	16.91	16.93	19.93	23.98	-4.05
	5260	52	CDD	AVG	17.00	16.83	19.93	23.98	-4.05
	5300	60	CDD	AVG	17.00	16.90	19.96	23.98	-4.02
	5320	64	CDD	AVG	17.00	16.80	19.91	23.98	-4.07
	5500	100	CDD	AVG	16.81	16.93	19.88	23.98	-4.10
	5580	116	CDD	AVG	16.88	17.00	19.95	23.98	-4.03
	5680	136	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5700	140	CDD	AVG	15.50	15.50	18.51	23.98	-5.47
	5720	144	CDD	AVG	16.89	16.93	19.92	23.98	-4.06
	5745	149	CDD	AVG	19.88	19.80	22.85	30.00	-7.15
	5785	157	CDD	AVG	19.92	19.82	22.88	30.00	-7.12
	5825	165	CDD	AVG	19.89	19.90	22.91	30.00	-7.09

Table 7-149. FCC CDD Diversity 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (Low Data Rate)

	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	16.50	16.50	19.51	23.98	-4.47
	5200	40	CDD	AVG	16.96	16.88	19.93	23.98	-4.05
	5240	48	CDD	AVG	16.91	16.92	19.93	23.98	-4.05
	5260	52	CDD	AVG	16.82	16.86	19.85	23.98	-4.13
	5280	56	CDD	AVG	16.88	16.85	19.88	23.98	-4.10
	5320	64	CDD	AVG	16.89	16.88	19.89	23.98	-4.09
	5500	100	CDD	AVG	16.50	16.26	19.39	23.98	-4.59
	5520	104	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5580	116	CDD	AVG	16.89	17.00	19.95	23.98	-4.03
	5680	136	CDD	AVG	16.80	16.95	19.88	23.98	-4.10
	5700	140	CDD	AVG	14.88	14.97	17.93	23.98	-6.05
	5720	144	CDD	AVG	16.90	16.77	19.84	23.98	-4.14
	5745	149	CDD	AVG	19.88	19.85	22.88	30.00	-7.12
	5785	157	CDD	AVG	19.94	19.92	22.94	30.00	-7.06
	5825	165	CDD	AVG	19.81	19.91	22.87	30.00	-7.13

Table 7-150. FCC CDD Diversity 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (Mid Data Rate)

	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	15.88	15.95	18.93	23.98	-5.05
	5200	40	CDD	AVG	16.92	16.93	19.94	23.98	-4.04
	5240	48	CDD	AVG	16.88	16.90	19.90	23.98	-4.08
	5260	52	CDD	AVG	16.91	16.92	19.93	23.98	-4.05
	5280	56	CDD	AVG	16.93	16.94	19.95	23.98	-4.03
	5300	60	CDD	AVG	16.91	16.89	19.91	23.98	-4.07
	5320	64	CDD	AVG	16.46	16.50	19.49	23.98	-4.49
	5500	100	CDD	AVG	15.14	15.21	18.19	23.98	-5.79
	5520	104	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5580	116	CDD	AVG	16.99	16.92	19.97	23.98	-4.01
	5680	136	CDD	AVG	16.90	16.93	19.93	23.98	-4.05
	5700	140	CDD	AVG	13.86	13.91	16.90	23.98	-7.08
	5720	144	CDD	AVG	16.86	16.91	19.90	23.98	-4.08
	5745	149	CDD	AVG	19.99	19.91	22.96	30.00	-7.04
	5785	157	CDD	AVG	19.85	19.86	22.87	30.00	-7.13
	5825	165	CDD	AVG	19.82	19.88	22.86	30.00	-7.14

Table 7-151. FCC CDD Diversity 20MHz BW 802.11n (UNII) Maximum Conducted Output Power (High Data Rate)

	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	16.42	16.46	19.45	23.98	-4.53
	5200	40	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5240	48	CDD	AVG	17.00	16.89	19.96	23.98	-4.02
	5260	52	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5300	60	CDD	AVG	16.65	16.93	19.80	23.98	-4.18
	5320	64	CDD	AVG	16.49	16.40	19.45	23.98	-4.53
	5500	100	CDD	AVG	16.50	16.39	19.45	23.98	-4.53
	5580	116	CDD	AVG	17.00	16.78	19.90	23.98	-4.08
	5680	136	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5700	140	CDD	AVG	14.37	14.50	17.45	23.98	-6.53
	5720	144	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5745	149	CDD	AVG	20.00	19.39	22.72	30.00	-7.28
	5785	157	CDD	AVG	19.80	19.54	22.68	30.00	-7.32
	5825	165	CDD	AVG	19.83	19.51	22.68	30.00	-7.32

Table 7-152. FCC CDD Diversity 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Low Data Rate)

	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	16.00	16.00	19.01	23.98	-4.97
	5200	40	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5240	48	CDD	AVG	16.99	17.00	20.00	23.98	-3.98
	5260	52	CDD	AVG	16.89	17.00	19.96	23.98	-4.02
	5280	56	CDD	AVG	16.86	16.92	19.90	23.98	-4.08
	5320	64	CDD	AVG	15.97	16.00	19.00	23.98	-4.98
	5500	100	CDD	AVG	15.90	15.82	18.87	23.98	-5.11
	5520	104	CDD	AVG	16.82	16.93	19.89	23.98	-4.09
	5580	116	CDD	AVG	17.00	16.84	19.93	23.98	-4.05
	5680	136	CDD	AVG	17.00	16.82	19.92	23.98	-4.06
	5700	140	CDD	AVG	13.91	14.00	16.96	23.98	-7.02
	5720	144	CDD	AVG	17.00	16.87	19.95	23.98	-4.03
	5745	149	CDD	AVG	19.77	19.49	22.64	30.00	-7.36
	5785	157	CDD	AVG	20.00	19.60	22.81	30.00	-7.19
	5825	165	CDD	AVG	19.94	19.51	22.74	30.00	-7.26

Table 7-153. FCC CDD Diversity 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5180	36	CDD	AVG	15.31	15.40	18.37	23.98	-5.61
	5200	40	CDD	AVG	16.95	16.94	19.95	23.98	-4.03
	5240	48	CDD	AVG	16.88	16.98	19.94	23.98	-4.04
	5260	52	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5280	56	CDD	AVG	16.89	16.95	19.93	23.98	-4.05
	5300	60	CDD	AVG	16.80	16.98	19.90	23.98	-4.08
	5320	64	CDD	AVG	15.45	15.28	18.38	23.98	-5.60
	5500	100	CDD	AVG	14.50	14.50	17.51	23.98	-6.47
	5520	104	CDD	AVG	16.91	17.00	19.96	23.98	-4.02
	5580	116	CDD	AVG	16.92	16.77	19.85	23.98	-4.13
	5680	136	CDD	AVG	16.88	17.00	19.95	23.98	-4.03
	5700	140	CDD	AVG	12.97	13.00	15.99	23.98	-7.99
	5720	144	CDD	AVG	16.94	16.75	19.86	23.98	-4.12
	5745	149	CDD	AVG	20.00	19.39	22.71	30.00	-7.29
	5785	157	CDD	AVG	19.88	19.85	22.87	30.00	-7.13
	5825	165	CDD	AVG	19.83	19.85	22.85	30.00	-7.15

Table 7-154. FCC CDD Diversity 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5190	38	CDD	AVG	14.00	13.96	16.99	23.98	-6.99
	5230	46	CDD	AVG	19.50	18.99	22.26	23.98	-1.72
	5270	54	CDD	AVG	19.44	19.22	22.34	23.98	-1.64
	5310	62	CDD	AVG	14.97	14.92	17.95	23.98	-6.03
	5510	102	CDD	AVG	15.00	14.80	17.91	23.98	-6.07
	5550	110	CDD	AVG	19.43	19.31	22.38	23.98	-1.60
	5590	118	CDD	AVG	19.27	19.50	22.39	23.98	-1.59
	5630	126	CDD	AVG	19.44	19.33	22.40	23.98	-1.58
	5670	134	CDD	AVG	17.50	17.36	20.44	23.98	-3.54
	5710	142	CDD	AVG	19.49	19.42	22.46	23.98	-1.52
	5755	151	CDD	AVG	19.88	19.41	22.66	30.00	-7.34
	5795	159	CDD	AVG	19.97	19.30	22.66	30.00	-7.34

Table 7-155. FCC CDD Diversity 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5190	38	CDD	AVG	14.00	13.87	16.95	23.98	-7.03
	5230	46	CDD	AVG	19.42	18.94	22.19	23.98	-1.79
	5270	54	CDD	AVG	19.37	19.09	22.24	23.98	-1.74
	5310	62	CDD	AVG	14.43	14.39	17.42	23.98	-6.56
	5510	102	CDD	AVG	14.27	14.30	17.29	23.98	-6.69
	5550	110	CDD	AVG	18.82	19.00	21.92	23.98	-2.06
	5590	118	CDD	AVG	19.50	19.34	22.43	23.98	-1.55
	5630	126	CDD	AVG	19.26	19.44	22.36	23.98	-1.62
	5670	134	CDD	AVG	17.00	17.00	20.01	23.98	-3.97
	5710	142	CDD	AVG	19.36	19.43	22.41	23.98	-1.57
	5755	151	CDD	AVG	19.88	19.34	22.62	30.00	-7.38
	5795	159	CDD	AVG	19.97	19.24	22.63	30.00	-7.37

Table 7-156. FCC CDD Diversity 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5190	38	CDD	AVG	13.00	12.85	15.94	23.98	-8.04
	5230	46	CDD	AVG	19.25	18.74	22.01	23.98	-1.97
	5270	54	CDD	AVG	18.81	18.91	21.87	23.98	-2.11
	5310	62	CDD	AVG	13.50	13.46	16.49	23.98	-7.49
	5510	102	CDD	AVG	12.50	12.29	15.41	23.98	-8.57
	5550	110	CDD	AVG	17.96	17.93	20.95	23.98	-3.03
	5590	118	CDD	AVG	19.42	19.38	22.41	23.98	-1.57
	5630	126	CDD	AVG	19.49	19.25	22.38	23.98	-1.60
	5670	134	CDD	AVG	14.98	15.00	18.00	23.98	-5.98
	5710	142	CDD	AVG	19.29	19.25	22.28	23.98	-1.70
	5755	151	CDD	AVG	19.32	19.21	22.28	30.00	-7.72
	5795	159	CDD	AVG	19.66	19.09	22.39	30.00	-7.61

Table 7-157. FCC CDD Diversity 40MHz BW 802.11n (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5190	38	CDD	AVG	14.00	13.95	16.98	23.98	-7.00
	5230	46	CDD	AVG	19.50	19.12	22.32	23.98	-1.66
	5270	54	CDD	AVG	19.50	19.33	22.42	23.98	-1.56
	5310	62	CDD	AVG	14.00	13.77	16.89	23.98	-7.09
	5510	102	CDD	AVG	13.40	13.50	16.46	23.98	-7.52
	5550	110	CDD	AVG	18.00	17.97	21.00	23.98	-2.98
	5590	118	CDD	AVG	19.46	19.39	22.43	23.98	-1.55
	5630	126	CDD	AVG	19.35	19.32	22.35	23.98	-1.63
	5670	134	CDD	AVG	16.93	17.00	19.98	23.98	-4.00
	5710	142	CDD	AVG	19.50	19.26	22.39	23.98	-1.59
	5755	151	CDD	AVG	19.77	19.51	22.65	30.00	-7.35
	5795	159	CDD	AVG	19.81	19.38	22.61	30.00	-7.39

Table 7-158. FCC CDD Diversity 40MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5190	38	CDD	AVG	13.89	13.86	16.89	23.98	-7.09
	5230	46	CDD	AVG	19.50	19.23	22.38	23.98	-1.60
	5270	54	CDD	AVG	19.48	19.32	22.41	23.98	-1.57
	5310	62	CDD	AVG	13.93	13.85	16.90	23.98	-7.08
	5510	102	CDD	AVG	12.90	12.97	15.95	23.98	-8.03
	5550	110	CDD	AVG	17.68	17.56	20.63	23.98	-3.35
	5590	118	CDD	AVG	19.50	19.50	22.51	23.98	-1.47
	5630	126	CDD	AVG	19.38	19.47	22.44	23.98	-1.54
	5670	134	CDD	AVG	16.00	15.93	18.98	23.98	-5.00
	5710	142	CDD	AVG	19.40	19.40	22.41	23.98	-1.57
	5755	151	CDD	AVG	19.38	19.37	22.38	30.00	-7.62
	5795	159	CDD	AVG	19.74	19.52	22.65	30.00	-7.35

Table 7-159. FCC CDD Diversity 40MHz BW802.11ax (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5190	38	CDD	AVG	13.00	12.87	15.95	23.98	-8.03
	5230	46	CDD	AVG	18.59	18.64	21.62	23.98	-2.36
	5270	54	CDD	AVG	19.00	19.00	22.01	23.98	-1.97
	5310	62	CDD	AVG	12.77	12.93	15.86	23.98	-8.12
	5510	102	CDD	AVG	12.00	11.92	14.97	23.98	-9.01
	5550	110	CDD	AVG	17.50	17.50	20.51	23.98	-3.47
	5590	118	CDD	AVG	19.50	19.40	22.46	23.98	-1.52
	5630	126	CDD	AVG	19.39	19.30	22.36	23.98	-1.62
	5670	134	CDD	AVG	14.96	15.00	17.99	23.98	-5.99
	5710	142	CDD	AVG	19.29	19.27	22.29	23.98	-1.69
	5755	151	CDD	AVG	18.21	18.50	21.37	30.00	-8.63
	5795	159	CDD	AVG	19.79	19.89	22.85	30.00	-7.15

Table 7-160. FCC CDD Diversity 40MHz BW 802.11ax (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5210	42	CDD	AVG	13.50	13.43	16.47	23.98	-7.51
	5290	58	CDD	AVG	14.37	14.50	17.45	23.98	-6.53
	5530	106	CDD	AVG	13.31	13.40	16.37	23.98	-7.61
	5610	122	CDD	AVG	18.00	17.96	20.99	23.98	-2.99
	5690	138	CDD	AVG	19.73	18.90	22.34	23.98	-1.64
	5775	155	CDD	AVG	18.14	18.12	21.14	30.00	-8.86

Table 7-161. FCC CDD Diversity 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5210	42	CDD	AVG	12.88	12.96	15.93	23.98	-8.05
	5290	58	CDD	AVG	14.00	14.00	17.01	23.98	-6.97
	5530	106	CDD	AVG	12.83	12.91	15.88	23.98	-8.10
	5610	122	CDD	AVG	17.50	17.30	20.41	23.98	-3.57
	5690	138	CDD	AVG	19.87	18.90	22.42	23.98	-1.56
	5775	155	CDD	AVG	17.72	17.75	20.75	30.00	-9.25

Table 7-162. FCC CDD Diversity 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5210	42	CDD	AVG	12.00	12.00	15.01	23.98	-8.97
	5290	58	CDD	AVG	13.25	13.43	16.36	23.98	-7.62
	5530	106	CDD	AVG	11.27	11.31	14.30	23.98	-9.68
	5610	122	CDD	AVG	16.44	16.34	19.40	23.98	-4.58
	5690	138	CDD	AVG	19.89	19.93	22.92	23.98	-1.06
	5775	155	CDD	AVG	16.93	17.00	19.98	30.00	-10.02

Table 7-163. FCC CDD Diversity 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5210	42	CDD	AVG	12.34	12.50	15.43	23.98	-8.55
	5290	58	CDD	AVG	14.00	13.79	16.91	23.98	-7.07
	5530	106	CDD	AVG	12.25	12.50	15.39	23.98	-8.59
	5610	122	CDD	AVG	17.00	16.96	19.99	23.98	-3.99
	5690	138	CDD	AVG	19.81	19.88	22.86	23.98	-1.12
	5775	155	CDD	AVG	17.19	17.20	20.21	30.00	-9.79

Table 7-164. FCC CDD Diversity 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5210	42	CDD	AVG	11.85	11.99	14.93	23.98	-9.05
	5290	58	CDD	AVG	13.39	13.47	16.44	23.98	-7.54
	5530	106	CDD	AVG	11.75	11.85	14.81	23.98	-9.17
	5610	122	CDD	AVG	16.83	16.87	19.86	23.98	-4.12
	5690	138	CDD	AVG	19.95	19.08	22.55	23.98	-1.43
	5775	155	CDD	AVG	16.90	16.89	19.91	30.00	-10.09

Table 7-165. FCC CDD Diversity 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5210	42	CDD	AVG	11.88	12.00	14.95	23.98	-9.03
	5290	58	CDD	AVG	12.96	12.92	15.95	23.98	-8.03
	5530	106	CDD	AVG	11.50	11.41	14.47	23.98	-9.51
	5610	122	CDD	AVG	16.50	16.29	19.40	23.98	-4.58
	5690	138	CDD	AVG	19.81	18.85	22.36	23.98	-1.62
	5775	155	CDD	AVG	16.45	16.42	19.45	30.00	-10.55

Table 7-166. FCC CDD Diversity 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5250	50	CDD	AVG	11.95	11.98	14.98	23.98	-9.00
	5570	114	CDD	AVG	10.41	10.46	13.45	30.00	-16.55

Table 7-167. FCC CDD Diversity 160MHz 802.11ac BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5250	50	CDD	AVG	10.90	10.93	13.93	23.98	-10.05
	5570	114	CDD	AVG	9.99	9.91	12.96	30.00	-17.04

Table 7-168. FCC CDD Diversity 160MHz 802.11ac BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5250	50	CDD	AVG	10.44	10.46	13.46	23.98	-10.52
	5570	114	CDD	AVG	8.96	9.00	11.99	30.00	-18.01

Table 7-169. FCC CDD Diversity 160MHz 802.11ac BW (UNII) Maximum Conducted Output Power (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5250	50	CDD	AVG	11.91	11.93	14.93	23.98	-9.05
	5570	114	CDD	AVG	10.38	10.41	13.41	30.00	-16.59

Table 7-170. FCC CDD Diversity 160MHz 802.11ax BW (UNII) Maximum Conducted Output Power (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5250	50	CDD	AVG	11.00	10.99	14.01	23.98	-9.97
	5570	114	CDD	AVG	9.92	9.90	12.92	30.00	-17.08

Table 7-171. FCC CDD Diversity 160MHz 802.11ax BW (UNII) Maximum Conducted Output Power (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
					Ant WF8	Ant WF7	Summed		
	5250	50	CDD	AVG	10.44	10.42	13.44	23.98	-10.54
	5570	114	CDD	AVG	8.97	8.91	11.95	30.00	-18.05

Table 7-172. FCC CDD Diversity 160MHz 802.11ax BW (UNII) Maximum Conducted Output Power (High Data Rate)

7.4.10 ISED CDD/SDM Maximum Conducted Output Power Measurements

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5180	36	CDD	AVG	10.75	10.72	13.75	-	-	1.70	15.45	23.01	-7.56
	5200	40	CDD	AVG	10.70	10.70	13.71	-	-	1.70	15.41	23.01	-7.60
	5240	48	CDD	AVG	10.73	10.74	13.75	-	-	1.70	15.45	23.01	-7.56
	5260	52	CDD	AVG	16.92	16.82	19.88	23.98	-4.10	0.70	20.58	30.00	-9.42
	5280	56	CDD	AVG	16.90	16.95	19.94	23.98	-4.04	0.70	20.64	30.00	-9.36
	5320	64	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	0.70	20.71	30.00	-9.29
	5500	100	CDD	AVG	16.92	16.95	19.95	23.98	-4.03	2.70	22.65	30.00	-7.35
	5580	116	CDD	AVG	16.91	16.98	19.96	23.98	-4.02	2.70	22.66	30.00	-7.34
	5680	136	CDD	AVG	16.99	16.96	19.99	23.98	-3.99	2.70	22.69	30.00	-7.31
	5700	140	CDD	AVG	15.42	15.48	18.46	23.98	-5.52	2.70	21.16	30.00	-8.84
	5720	144	CDD	AVG	16.90	16.92	19.92	23.98	-4.06	2.70	22.62	30.00	-7.38
	5745	149	CDD	AVG	19.82	19.85	22.85	30.00	-7.15	1.90	24.75	-	-
	5785	157	CDD	AVG	19.88	19.89	22.90	30.00	-7.10	1.90	24.80	-	-
	5825	165	CDD	AVG	19.89	19.91	22.91	30.00	-7.09	1.90	24.81	-	-

Table 7-173. ISED CDD Diversity 20MHz BW 802.11a (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5180	36	CDD	AVG	10.74	10.73	13.75	-	-	1.70	15.45	23.01	-7.56
	5200	40	CDD	AVG	10.71	10.70	13.72	-	-	1.70	15.42	23.01	-7.59
	5240	48	CDD	AVG	10.69	10.75	13.73	-	-	1.70	15.43	23.01	-7.58
	5260	52	CDD	AVG	16.90	16.90	19.91	23.98	-4.07	0.70	20.61	30.00	-9.39
	5280	56	CDD	AVG	16.88	16.89	19.90	23.98	-4.08	0.70	20.60	30.00	-9.40
	5320	64	CDD	AVG	16.91	16.93	19.93	23.98	-4.05	0.70	20.63	30.00	-9.37
	5500	100	CDD	AVG	16.50	16.48	19.50	23.98	-4.48	2.70	22.20	30.00	-7.80
	5520	104	CDD	AVG	16.91	16.90	19.92	23.98	-4.06	2.70	22.62	30.00	-7.38
	5580	116	CDD	AVG	16.98	16.90	19.95	23.98	-4.03	2.70	22.65	30.00	-7.35
	5680	136	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	2.70	22.71	30.00	-7.29
	5700	140	CDD	AVG	14.94	14.96	17.96	23.98	-6.02	2.70	20.66	30.00	-9.34
	5720	144	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	2.70	22.71	30.00	-7.29
	5745	149	CDD	AVG	19.92	19.90	22.92	30.00	-7.08	1.90	24.82	-	-
	5785	157	CDD	AVG	19.90	19.92	22.92	30.00	-7.08	1.90	24.82	-	-
	5825	165	CDD	AVG	19.89	19.89	22.90	30.00	-7.10	1.90	24.80	-	-

Table 7-174. ISED CDD Diversity 20MHz BW 802.11a (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5180	36	CDD	AVG	10.68	10.69	13.70	-	-	1.70	15.40	23.01	-7.61
	5200	40	CDD	AVG	10.70	10.73	13.73	-	-	1.70	15.43	23.01	-7.58
	5240	48	CDD	AVG	10.72	10.74	13.74	-	-	1.70	15.44	23.01	-7.57
	5260	52	CDD	AVG	16.89	16.90	19.91	23.98	-4.07	0.70	20.61	30.00	-9.39
	5280	56	CDD	AVG	16.93	16.90	19.93	23.98	-4.05	0.70	20.63	30.00	-9.37
	5300	60	CDD	AVG	16.93	16.86	19.91	23.98	-4.07	0.70	20.61	30.00	-9.39
	5320	64	CDD	AVG	16.45	16.40	19.44	23.98	-4.54	0.70	20.14	30.00	-9.86
	5500	100	CDD	AVG	15.23	15.15	18.20	23.98	-5.78	2.70	20.90	30.00	-9.10
	5520	104	CDD	AVG	16.90	16.93	19.93	23.98	-4.05	2.70	22.63	30.00	-7.37
	5580	116	CDD	AVG	17.00	16.90	19.96	23.98	-4.02	2.70	22.66	30.00	-7.34
	5680	136	CDD	AVG	16.90	16.93	19.93	23.98	-4.05	2.70	22.63	30.00	-7.37
	5700	140	CDD	AVG	13.90	13.91	16.92	23.98	-7.06	2.70	19.62	30.00	-10.38
	5720	144	CDD	AVG	16.85	16.91	19.89	23.98	-4.09	2.70	22.59	30.00	-7.41
	5745	149	CDD	AVG	19.92	19.88	22.91	30.00	-7.09	1.90	24.81	-	-
	5785	157	CDD	AVG	19.80	19.86	22.84	30.00	-7.16	1.90	24.74	-	-
	5825	165	CDD	AVG	19.88	19.82	22.86	30.00	-7.14	1.90	24.76	-	-

Table 7-175. ISED CDD Diversity 20MHz BW 802.11a (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5180	36	SDM	AVG	13.60	13.75	16.69	-	-	0.85	17.54	23.01	-5.47
	5200	40	SDM	AVG	13.55	13.75	16.66	-	-	0.85	17.51	23.01	-5.50
	5240	48	SDM	AVG	13.57	13.75	16.67	-	-	0.85	17.52	23.01	-5.49
	5260	52	CDD	AVG	17.00	16.83	19.93	23.98	-4.05	0.70	20.63	30.00	-9.37
	5280	56	CDD	AVG	16.85	16.91	19.89	23.98	-4.09	0.70	20.59	30.00	-9.41
	5320	64	CDD	AVG	17.00	16.80	19.91	23.98	-4.07	0.70	20.61	30.00	-9.39
	5500	100	CDD	AVG	16.81	16.93	19.88	23.98	-4.10	2.70	22.58	30.00	-7.42
	5580	116	CDD	AVG	16.88	17.00	19.95	23.98	-4.03	2.70	22.65	30.00	-7.35
	5680	136	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	2.70	22.71	30.00	-7.29
	5700	140	CDD	AVG	15.50	15.50	18.51	23.98	-5.47	2.70	21.21	30.00	-8.79
	5720	144	CDD	AVG	16.89	16.93	19.92	23.98	-4.06	2.70	22.62	30.00	-7.38
	5745	149	CDD	AVG	19.88	19.80	22.85	30.00	-7.15	1.90	24.75	-	-
	5785	157	CDD	AVG	19.92	19.82	22.88	30.00	-7.12	1.90	24.78	-	-
	5825	165	CDD	AVG	19.89	19.90	22.91	30.00	-7.09	1.90	24.81	-	-

Table 7-176. ISED CDD/SDM Diversity 20MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5180	36	SDM	AVG	13.75	13.67	16.72	-	-	0.85	17.57	23.01	-5.44
	5200	40	SDM	AVG	13.75	13.70	16.74	-	-	0.85	17.59	23.01	-5.42
	5240	48	SDM	AVG	13.63	13.70	16.68	-	-	0.85	17.53	23.01	-5.48
	5260	52	CDD	AVG	16.82	16.86	19.85	23.98	-4.13	0.70	20.55	30.00	-9.45
	5280	56	CDD	AVG	16.88	16.85	19.88	23.98	-4.10	0.70	20.58	30.00	-9.42
	5320	64	CDD	AVG	16.89	16.88	19.89	23.98	-4.09	0.70	20.59	30.00	-9.41
	5500	100	CDD	AVG	16.50	16.26	19.39	23.98	-4.59	2.70	22.09	30.00	-7.91
	5520	104	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	2.70	22.71	30.00	-7.29
	5580	116	CDD	AVG	16.89	17.00	19.95	23.98	-4.03	2.70	22.65	30.00	-7.35
	5680	136	CDD	AVG	16.80	16.95	19.88	23.98	-4.10	2.70	22.58	30.00	-7.42
	5700	140	CDD	AVG	14.88	14.97	17.93	23.98	-6.05	2.70	20.63	30.00	-9.37
	5720	144	CDD	AVG	16.90	16.77	19.84	23.98	-4.14	2.70	22.54	30.00	-7.46
	5745	149	CDD	AVG	19.88	19.85	22.88	30.00	-7.12	1.90	24.78	-	-
	5785	157	CDD	AVG	19.94	19.92	22.94	30.00	-7.06	1.90	24.84	-	-
	5825	165	CDD	AVG	19.81	19.91	22.87	30.00	-7.13	1.90	24.77	-	-

Table 7-177. ISED CDD/SDM Diversity 20MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5180	36	SDM	AVG	13.72	13.75	16.75	-	-	0.85	17.60	23.01	-5.41
	5200	40	SDM	AVG	13.75	13.75	16.76	-	-	0.85	17.61	23.01	-5.40
	5240	48	SDM	AVG	13.65	13.65	16.66	-	-	0.85	17.51	23.01	-5.50
	5260	52	CDD	AVG	16.91	16.92	19.93	23.98	-4.05	0.70	20.63	30.00	-9.37
	5280	56	CDD	AVG	16.93	16.94	19.95	23.98	-4.03	0.70	20.65	30.00	-9.35
	5300	60	CDD	AVG	16.91	16.89	19.91	23.98	-4.07	0.70	20.61	30.00	-9.39
	5320	64	CDD	AVG	16.46	16.50	19.49	23.98	-4.49	0.70	20.19	30.00	-9.81
	5500	100	CDD	AVG	15.14	15.21	18.19	23.98	-5.79	2.70	20.89	30.00	-9.11
	5520	104	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	2.70	22.71	30.00	-7.29
	5580	116	CDD	AVG	16.99	16.92	19.97	23.98	-4.01	2.70	22.67	30.00	-7.33
	5680	136	CDD	AVG	16.90	16.93	19.93	23.98	-4.05	2.70	22.63	30.00	-7.37
	5700	140	CDD	AVG	18.86	14.91	20.33	23.98	-3.65	2.70	23.03	30.00	-6.97
	5720	144	CDD	AVG	16.86	16.91	19.90	23.98	-4.08	2.70	22.60	30.00	-7.40
	5745	149	CDD	AVG	19.99	19.91	22.96	30.00	-7.04	1.90	24.86	-	-
	5785	157	CDD	AVG	19.85	19.86	22.87	30.00	-7.13	1.90	24.77	-	-
	5825	165	CDD	AVG	19.82	19.88	22.86	30.00	-7.14	1.90	24.76	-	-

Table 7-178. ISED CDD/SDM Diversity 20MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5180	36	SDM	AVG	13.75	13.73	16.75	-	-	0.85	17.60	23.01	-5.41
	5200	40	SDM	AVG	13.64	13.64	16.65	-	-	0.85	17.50	23.01	-5.51
	5240	48	SDM	AVG	13.75	13.68	16.73	-	-	0.85	17.58	23.01	-5.43
	5260	52	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	0.70	20.71	30.00	-9.29
	5280	56	CDD	AVG	16.89	16.85	19.88	23.98	-4.10	0.70	20.58	30.00	-9.42
	5320	64	CDD	AVG	16.49	16.40	19.45	23.98	-4.53	0.70	20.15	30.00	-9.85
	5500	100	CDD	AVG	16.50	16.39	19.45	23.98	-4.53	2.70	22.15	30.00	-7.85
	5580	116	CDD	AVG	17.00	16.78	19.90	23.98	-4.08	2.70	22.60	30.00	-7.40
	5680	136	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	2.70	22.71	30.00	-7.29
	5700	140	CDD	AVG	14.37	14.50	17.45	23.98	-6.53	2.70	20.15	30.00	-9.85
	5720	144	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	2.70	22.71	30.00	-7.29
	5745	149	CDD	AVG	20.00	19.39	22.72	30.00	-7.28	1.90	24.62	-	-
	5785	157	CDD	AVG	19.80	19.54	22.68	30.00	-7.32	1.90	24.58	-	-
	5825	165	CDD	AVG	19.83	19.51	22.68	30.00	-7.32	1.90	24.58	-	-

Table 7-179. ISED CDD/SDM Diversity 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5180	36	SDM	AVG	13.63	13.57	16.61	-	-	0.85	17.46	23.01	-5.55
	5200	40	SDM	AVG	13.66	13.70	16.69	-	-	0.85	17.54	23.01	-5.47
	5240	48	SDM	AVG	13.75	13.75	16.76	-	-	0.85	17.61	23.01	-5.40
	5260	52	CDD	AVG	16.89	17.00	19.96	23.98	-4.02	0.70	20.66	30.00	-9.34
	5280	56	CDD	AVG	16.86	16.92	19.90	23.98	-4.08	0.70	20.60	30.00	-9.40
	5320	64	CDD	AVG	15.97	16.00	19.00	23.98	-4.98	0.70	19.70	30.00	-10.30
	5500	100	CDD	AVG	15.90	15.82	18.87	23.98	-5.11	2.70	21.57	30.00	-8.43
	5520	104	CDD	AVG	16.82	16.93	19.89	23.98	-4.09	2.70	22.59	30.00	-7.41
	5580	116	CDD	AVG	17.00	16.84	19.93	23.98	-4.05	2.70	22.63	30.00	-7.37
	5680	136	CDD	AVG	17.00	16.82	19.92	23.98	-4.06	2.70	22.62	30.00	-7.38
	5700	140	CDD	AVG	13.91	14.00	16.96	23.98	-7.02	2.70	19.66	30.00	-10.34
	5720	144	CDD	AVG	17.00	16.87	19.95	23.98	-4.03	2.70	22.65	30.00	-7.35
	5745	149	CDD	AVG	19.77	19.49	22.64	30.00	-7.36	1.90	24.54	-	-
	5785	157	CDD	AVG	20.00	19.60	22.81	30.00	-7.19	1.90	24.71	-	-
	5825	165	CDD	AVG	19.94	19.51	22.74	30.00	-7.26	1.90	24.64	-	-

Table 7-180. ISED CDD/SDM Diversity 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5180	36	SDM	AVG	13.75	13.62	16.69	-	-	0.85	17.54	23.01	-5.47
	5200	40	SDM	AVG	13.58	13.75	16.67	-	-	0.85	17.52	23.01	-5.49
	5240	48	SDM	AVG	13.69	13.54	16.63	-	-	0.85	17.48	23.01	-5.53
	5260	52	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	0.70	20.71	30.00	-9.29
	5280	56	CDD	AVG	16.89	16.95	19.93	23.98	-4.05	0.70	20.63	30.00	-9.37
	5300	60	CDD	AVG	16.80	16.98	19.90	23.98	-4.08	0.70	20.60	30.00	-9.40
	5320	64	CDD	AVG	15.45	15.28	18.38	23.98	-5.60	0.70	19.08	30.00	-10.92
	5500	100	CDD	AVG	14.50	14.50	17.51	23.98	-6.47	2.70	20.21	30.00	-9.79
	5520	104	CDD	AVG	16.91	17.00	19.96	23.98	-4.02	2.70	22.66	30.00	-7.34
	5580	116	CDD	AVG	16.92	16.77	19.85	23.98	-4.13	2.70	22.55	30.00	-7.45
	5680	136	CDD	AVG	16.88	17.00	19.95	23.98	-4.03	2.70	22.65	30.00	-7.35
	5700	140	CDD	AVG	12.97	13.00	15.99	23.98	-7.99	2.70	18.69	30.00	-11.31
	5720	144	CDD	AVG	16.94	16.75	19.86	23.98	-4.12	2.70	22.56	30.00	-7.44
	5745	149	CDD	AVG	20.00	19.39	22.71	30.00	-7.29	1.90	24.61	-	-
	5785	157	CDD	AVG	19.88	19.85	22.87	30.00	-7.13	1.90	24.77	-	-
	5825	165	CDD	AVG	19.83	19.85	22.85	30.00	-7.15	1.90	24.75	-	-

Table 7-181. ISED CDD/SDM Diversity 20MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5190	38	SDM	AVG	13.77	13.83	16.81	-	-	0.85	17.66	23.01	-5.35
	5230	46	SDM	AVG	16.18	16.08	19.14	-	-	0.85	19.99	23.01	-3.02
	5270	54	CDD	AVG	19.44	19.22	22.34	23.98	-1.64	0.70	23.04	30.00	-6.96
	5310	62	CDD	AVG	14.97	14.92	17.95	23.98	-6.03	0.70	18.65	30.00	-11.35
	5510	102	CDD	AVG	15.00	14.80	17.91	23.98	-6.07	2.70	20.61	30.00	-9.39
	5550	110	CDD	AVG	19.43	19.31	22.38	23.98	-1.60	2.70	25.08	30.00	-4.92
	5590	118	CDD	AVG	19.27	19.50	22.39	23.98	-1.59	2.70	25.09	30.00	-4.91
	5670	134	CDD	AVG	17.50	17.36	20.44	23.98	-3.54	2.70	23.14	30.00	-6.86
	5710	142	CDD	AVG	19.49	19.42	22.46	23.98	-1.52	2.70	25.16	30.00	-4.84
	5755	151	CDD	AVG	19.88	19.41	22.66	30.00	-7.34	1.90	24.56	-	-
	5795	159	CDD	AVG	19.97	19.30	22.66	30.00	-7.34	1.90	24.56	-	-

Table 7-182. ISED CDD/SDM Diversity 40MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5190	38	SDM	AVG	13.98	14.00	17.00	-	-	0.85	17.85	23.01	-5.16
	5230	46	SDM	AVG	16.15	16.05	19.11	-	-	0.85	19.96	23.01	-3.05
	5270	54	CDD	AVG	19.37	19.09	22.24	23.98	-1.74	0.70	22.94	30.00	-7.06
	5310	62	CDD	AVG	14.43	14.39	17.42	23.98	-6.56	0.70	18.12	30.00	-11.88
	5510	102	CDD	AVG	14.27	14.30	17.29	23.98	-6.69	2.70	19.99	30.00	-10.01
	5550	110	CDD	AVG	18.82	19.00	21.92	23.98	-2.06	2.70	24.62	30.00	-5.38
	5590	118	CDD	AVG	19.50	19.34	22.43	23.98	-1.55	2.70	25.13	30.00	-4.87
	5670	134	CDD	AVG	17.00	17.00	20.01	23.98	-3.97	2.70	22.71	30.00	-7.29
	5710	142	CDD	AVG	19.36	19.43	22.41	23.98	-1.57	2.70	25.11	30.00	-4.89
	5755	151	CDD	AVG	19.88	19.34	22.62	30.00	-7.38	1.90	24.52	-	-
	5795	159	CDD	AVG	19.97	19.24	22.63	30.00	-7.37	1.90	24.53	-	-

Table 7-183. ISED CDD/SDM Diversity 40MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5190	38	CDD	AVG	13.00	13.00	16.01	-	-	1.70	17.71	23.01	-5.30
	5230	46	SDM	AVG	16.25	16.07	19.17	-	-	0.85	20.02	23.01	-2.99
	5270	54	CDD	AVG	18.81	18.91	21.87	23.98	-2.11	0.70	22.57	30.00	-7.43
	5310	62	CDD	AVG	13.50	13.46	16.49	23.98	-7.49	0.70	17.19	30.00	-12.81
	5510	102	CDD	AVG	12.50	12.29	15.41	23.98	-8.57	2.70	18.11	30.00	-11.89
	5550	110	CDD	AVG	17.96	17.93	20.95	23.98	-3.03	2.70	23.65	30.00	-6.35
	5590	118	CDD	AVG	19.42	19.38	22.41	23.98	-1.57	2.70	25.11	30.00	-4.89
	5670	134	CDD	AVG	14.98	15.00	18.00	23.98	-5.98	2.70	20.70	30.00	-9.30
	5710	142	CDD	AVG	19.29	19.25	22.28	23.98	-1.70	2.70	24.98	30.00	-5.02
	5755	151	CDD	AVG	19.32	19.21	22.28	30.00	-7.72	1.90	24.18	-	-
	5795	159	CDD	AVG	19.66	19.09	22.39	30.00	-7.61	1.90	24.29	-	-

Table 7-184. ISED CDD/SDM Diversity 40MHz BW 802.11n (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5190	38	SDM	AVG	14.00	13.76	16.89	-	-	0.85	17.74	23.01	-5.27
	5230	46	SDM	AVG	16.19	16.06	19.13	-	-	0.85	19.98	23.01	-3.03
	5270	54	CDD	AVG	19.50	19.33	22.42	23.98	-1.56	0.70	23.12	30.00	-6.88
	5310	62	CDD	AVG	14.00	13.77	16.89	23.98	-7.09	0.70	17.59	30.00	-12.41
	5510	102	CDD	AVG	13.40	13.50	16.46	23.98	-7.52	2.70	19.16	30.00	-10.84
	5550	110	CDD	AVG	18.00	17.97	21.00	23.98	-2.98	2.70	23.70	30.00	-6.30
	5590	118	CDD	AVG	19.46	19.39	22.43	23.98	-1.55	2.70	25.13	30.00	-4.87
	5670	134	CDD	AVG	16.93	17.00	19.98	23.98	-4.00	2.70	22.68	30.00	-7.32
	5710	142	CDD	AVG	19.50	19.26	22.39	23.98	-1.59	2.70	25.09	30.00	-4.91
	5755	151	CDD	AVG	19.77	19.51	22.65	30.00	-7.35	1.90	24.55	-	-
	5795	159	CDD	AVG	19.81	19.38	22.61	30.00	-7.39	1.90	24.51	-	-

Table 7-185. ISED CDD/SDM Diversity 40MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5190	38	SDM	AVG	13.80	13.76	16.79	-	-	0.85	17.64	23.01	-5.37
	5230	46	SDM	AVG	16.11	16.25	19.19	-	-	0.85	20.04	23.01	-2.97
	5270	54	CDD	AVG	19.48	19.32	22.41	23.98	-1.57	0.70	23.11	30.00	-6.89
	5310	62	CDD	AVG	13.93	13.85	16.90	23.98	-7.08	0.70	17.60	30.00	-12.40
	5510	102	CDD	AVG	12.90	12.97	15.95	23.98	-8.03	2.70	18.65	30.00	-11.35
	5550	110	CDD	AVG	17.68	17.56	20.63	23.98	-3.35	2.70	23.33	30.00	-6.67
	5590	118	CDD	AVG	19.50	19.50	22.51	23.98	-1.47	2.70	25.21	30.00	-4.79
	5670	134	CDD	AVG	16.00	15.93	18.98	23.98	-5.00	2.70	21.68	30.00	-8.32
	5710	142	CDD	AVG	19.40	19.40	22.41	23.98	-1.57	2.70	25.11	30.00	-4.89
	5755	151	CDD	AVG	19.38	19.37	22.38	30.00	-7.62	1.90	24.28	-	-
	5795	159	CDD	AVG	19.74	19.52	22.65	30.00	-7.35	1.90	24.55	-	-

Table 7-186. ISED CDD/SDM Diversity 40MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5190	38	CDD	AVG	13.00	12.83	15.92	-	-	1.70	17.62	23.01	-5.39
	5230	46	SDM.	AVG	16.25	16.25	19.26	-	-	0.85	20.11	23.01	-2.90
	5270	54	CDD	AVG	19.00	19.00	22.01	23.98	-1.97	0.70	22.71	30.00	-7.29
	5310	62	CDD	AVG	12.77	12.93	15.86	23.98	-8.12	0.70	16.56	30.00	-13.44
	5510	102	CDD	AVG	12.00	11.92	14.97	23.98	-9.01	2.70	17.67	30.00	-12.33
	5550	110	CDD	AVG	17.50	17.50	20.51	23.98	-3.47	2.70	23.21	30.00	-6.79
	5590	118	CDD	AVG	19.50	19.40	22.46	23.98	-1.52	2.70	25.16	30.00	-4.84
	5670	134	CDD	AVG	14.96	15.00	17.99	23.98	-5.99	2.70	20.69	30.00	-9.31
	5710	142	CDD	AVG	19.29	19.27	22.29	23.98	-1.69	2.70	24.99	30.00	-5.01
	5755	151	CDD	AVG	18.21	18.50	21.37	30.00	-8.63	1.90	23.27	-	-
	5795	159	CDD	AVG	19.79	19.89	22.85	30.00	-7.15	1.90	24.75	-	-

Table 7-187. ISED CDD/SDM Diversity 40MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5210	42	CDD	AVG	13.43	13.38	16.42	-	-	1.70	18.12	23.01	-4.89
	5290	58	CDD	AVG	14.37	14.50	17.45	23.98	-6.53	0.70	18.15	30.00	-11.85
	5530	106	CDD	AVG	13.31	13.40	16.37	23.98	-7.61	2.70	19.07	30.00	-10.93
	5690	138	CDD	AVG	19.73	18.90	22.34	23.98	-1.64	2.70	25.04	30.00	-4.96
	5775	155	CDD	AVG	18.14	18.12	21.14	30.00	-8.86	1.90	23.04	-	-

Table 7-188. ISED CDD Diversity 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5210	42	CDD	AVG	12.94	13.00	15.98	-	-	1.70	17.68	23.01	-5.33
	5290	58	CDD	AVG	14.00	14.00	17.01	23.98	-6.97	0.70	17.71	30.00	-12.29
	5530	106	CDD	AVG	12.83	12.91	15.88	23.98	-8.10	2.70	18.58	30.00	-11.42
	5690	138	CDD	AVG	19.87	18.90	22.42	23.98	-1.56	2.70	25.12	30.00	-4.88
	5775	155	CDD	AVG	17.72	17.75	20.75	30.00	-9.25	1.90	22.65	-	-

Table 7-189. ISED CDD Diversity 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5210	42	CDD	AVG	11.90	12.00	14.96	-	-	1.70	16.66	23.01	-6.35
	5290	58	CDD	AVG	13.25	13.43	16.36	23.98	-7.62	0.70	17.06	30.00	-12.94
	5530	106	CDD	AVG	11.27	11.31	14.30	23.98	-9.68	2.70	17.00	30.00	-13.00
	5690	138	CDD	AVG	19.89	19.93	22.92	23.98	-1.06	2.70	25.62	30.00	-4.38
	5775	155	CDD	AVG	16.93	17.00	19.98	30.00	-10.02	1.90	21.88	-	-

Table 7-190. ISED CDD/SDM Diversity 80MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5210	42	CDD	AVG	12.50	12.28	15.40	-	-	1.70	17.10	23.01	-5.91
	5290	58	CDD	AVG	14.00	13.79	16.91	23.98	-7.07	0.70	17.61	30.00	-12.39
	5530	106	CDD	AVG	12.25	12.50	15.39	23.98	-8.59	2.70	18.09	30.00	-11.91
	5690	138	CDD	AVG	19.81	19.88	22.86	23.98	-1.12	2.70	25.56	30.00	-4.44
	5775	155	CDD	AVG	17.19	17.20	20.21	30.00	-9.79	1.90	22.11	-	-

Table 7-191. ISED CDD/SDM Diversity 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5210	42	CDD	AVG	11.91	11.97	14.95	-	-	1.70	16.65	23.01	-6.36
	5290	58	CDD	AVG	13.39	13.47	16.44	23.98	-7.54	0.70	17.14	30.00	-12.86
	5530	106	CDD	AVG	11.75	11.85	14.81	23.98	-9.17	2.70	17.51	30.00	-12.49
	5690	138	CDD	AVG	19.95	19.08	22.55	23.98	-1.43	2.70	25.25	30.00	-4.75
	5775	155	CDD	AVG	16.90	16.89	19.91	30.00	-10.09	1.90	21.81	-	-

Table 7-192. ISED CDD/SDM Diversity 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5210	42	CDD	AVG	11.79	12.00	14.91	-	-	1.70	16.61	23.01	-6.40
	5290	58	CDD	AVG	12.96	12.92	15.95	23.98	-8.03	0.70	16.65	30.00	-13.35
	5530	106	CDD	AVG	11.50	11.41	14.47	23.98	-9.51	2.70	17.17	30.00	-12.83
	5690	138	CDD	AVG	19.81	18.85	22.36	23.98	-1.62	2.70	25.06	30.00	-4.94
	5775	155	CDD	AVG	16.45	16.42	19.45	30.00	-10.55	1.90	21.35	-	-

Table 7-193. ISED CDD/SDM Diversity 80MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5250	50	CDD	AVG	11.92	11.95	14.95	23.98	-9.03	1.70	16.65	23.01	-6.36

Table 7-194. ISED CDD/SDM Diversity 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5250	50	CDD	AVG	10.90	10.93	13.93	23.98	-10.05	1.70	15.63	23.01	-7.38

Table 7-195. ISED CDD/SDM Diversity 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5250	50	CDD	AVG	10.44	10.46	13.46	23.98	-10.52	1.70	15.16	23.01	-7.85

Table 7-196. ISED CDD/SDM Diversity 160MHz BW 802.11ac (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5250	50	CDD	AVG	11.88	11.90	14.90	23.98	-9.08	1.70	16.60	23.01	-6.41

Table 7-197. ISED CDD/SDM Diversity 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Low Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5250	50	CDD	AVG	11.00	10.99	14.01	23.98	-9.97	1.70	15.71	23.01	-7.30

Table 7-198. ISED CDD/SDM Diversity 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (Mid Data Rate)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	Conducted Power [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Ant WF8	Ant WF7	Summed						
	5250	50	CDD	AVG	10.44	10.42	13.44	23.98	-10.54	1.70	15.14	23.01	-7.87

Table 7-199. ISED CDD/SDM Diversity 160MHz BW 802.11ax (UNII) Maximum Conducted Output Power and Max EIRP (High Data Rate)

Note:

Per ANSI C63.10-2013 and KDB 662911 v02r01 Section E)1), the conducted powers at Antenna WF8 and Antenna WF5b were first measured separately during CDD/SDM transmission as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Per ANSI C63.10-2013 Section 14.4.3, the directional gain is calculated using the following formula, where G_N is the gain of the nth antenna and N_{ANT}, the total number of antennas used.

Directional gain = GANT + Array Gain dBi

Per ANSI C63.10-2013 Section 14.4.3, the uncorrelated directional gain is calculated using the following formula, where G_N is the gain of the nth antenna and N_{ANT}, the total number of antennas used.

$$\text{Directional gain} = 10 \log[(10^{G_1/10} + 10^{G_2/10} + \ldots + 10^{G_N/10}) / N_{ANT}] \text{ dBi}$$

Sample CDD/SDM Calculation:

At 5180MHz in 802.11n (20MHz BW) mode, the average conducted output power was measured to be 13.75dBm for Antenna WF5b and 13.63dBm for Antenna WF8.

Antenna WF8 + Antenna WF5b = SDM

(13.75dBm +13.63dBm) = (23.71mW + 23.10mW) = 46.81mW = 16.70dBm

Sample e.i.r.p. Calculation:

At 5180MHz in 802.11n (20MHz BW) mode, the average SDM conducted power was calculated to be 16.70dBm with directional gain of 1.60 dBi.

e.i.r.p. (dBm) = Conducted Power (dBm) + Ant gain (dBi)

16.70 dBm + 1.6 dBi = 18.30 dBm

7.5 Maximum Power Spectral Density – 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 Limit

The spectrum analyzer was connected to the antenna terminal while the EUT was 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. Method SA-1, as defined in ANSI C63.10-2013 and KDB 789033 D02 v02r01, was used to measure the power spectral density.

In the 5.15 – 5.25GHz, 5.25 – 5.35GHz, 5.47 – 5.725GHz bands, the maximum permissible power spectral density is 11dBm/MHz.

In the 5.15 – 5.25GHz band, the e.i.r.p. spectral density shall not exceed 10 dBm in any 1 MHz band.

In the 5.725 – 5.850GHz band, the maximum permissible power spectral density is 30dBm/500kHz.

Test Procedure Used

ANSI C63.10-2013 – Section 12.3.2.2
KDB 789033 D02 v02r01 – Section F
ANSI C63.10-2013 – Section 14.3.2.2 Measure-and-Sum Technique
KDB 662911 v02r01 – Section E)2) Measure-and-Sum Technique

Test Settings

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Span was set to encompass the entire emission bandwidth of the signal
3. RBW = 1MHz for U-NII 1, 500kHz for U-NII 3
4. VBW ≥ 3MHz for U-NII 1, ≥ 3 x RBW for U-NII 3
5. Number of sweep points ≥ 2 x (span/RBW)
6. Sweep time = auto
7. Detector = power averaging (RMS)
8. Trigger was set to free run for all modes
9. Trace was averaged over 100 sweeps
10. The peak search function of the spectrum analyzer was used to find the peak of the spectrum.

Test Setup

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

Figure 7-4. Test Instrument & Measurement Setup

Test Notes

1. 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.

2. Low, mid, and high channels were tested and tabular data has been reported. Only mid channel psd plots have been reported.

7.5.1 Antenna WF5b Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	19.5/21.7 (MCS2)	7.88	11.00	-3.12
	5200	40	n (20MHz)	19.5/21.7 (MCS2)	9.06	11.00	-1.94
	5240	48	n (20MHz)	19.5/21.7 (MCS2)	9.20	11.00	-1.81
	5180	36	ax (SU) (20MHz)	24/25.8 (MCS2)	5.35	11.00	-5.65
	5200	40	ax (SU) (20MHz)	24/25.8 (MCS2)	7.54	11.00	-3.46
	5240	48	ax (SU) (20MHz)	24/25.8 (MCS2)	7.80	11.00	-3.20
	5190	38	n (40MHz)	40/40.5 (MCS2)	1.41	11.00	-9.59
	5230	46	n (40MHz)	40/40.5 (MCS2)	6.32	11.00	-4.68
	5190	38	ax (SU) (40MHz)	49/51.6 (MCS2)	-0.17	11.00	-11.17
	5230	46	ax (SU) (40MHz)	49/51.6 (MCS2)	4.97	11.00	-6.03
	5210	42	ac (80MHz)	87.8/97.5 (MCS2)	-2.23	11.00	-13.23
	5210	42	ax (SU) (80MHz)	102/108.1 (MCS2)	-3.97	11.00	-14.97
Band 1/2	5250	50	ac (160MHz)	87.8/97.5 (MCS2)	-7.16	11.00	-18.16
	5250	50	ax (SU) (160MHz)	102/108.1 (MCS2)	-8.18	11.00	-19.18
Band 2A	5260	52	n (20MHz)	19.5/21.7 (MCS2)	9.15	11.00	-1.85
	5300	60	n (20MHz)	19.5/21.7 (MCS2)	9.13	11.00	-1.87
	5320	64	n (20MHz)	19.5/21.7 (MCS2)	8.19	11.00	-2.81
	5260	52	ax (SU) (20MHz)	24/25.8 (MCS2)	7.82	11.00	-3.18
	5300	60	ax (SU) (20MHz)	24/25.8 (MCS2)	7.76	11.00	-3.24
	5320	64	ax (SU) (20MHz)	24/25.8 (MCS2)	6.19	11.00	-4.81
	5270	54	n (40MHz)	40/40.5 (MCS2)	6.35	11.00	-4.65
	5310	62	n (40MHz)	40/40.5 (MCS2)	2.35	11.00	-8.65
	5270	54	ax (SU) (40MHz)	49/51.6 (MCS2)	5.06	11.00	-5.94
	5310	62	ax (SU) (40MHz)	49/51.6 (MCS2)	0.71	11.00	-10.29
	5290	58	ac (80MHz)	87.8/97.5 (MCS2)	-0.47	11.00	-11.47
	5290	58	ax (SU) (80MHz)	102/108.1 (MCS2)	-3.59	11.00	-14.59
Band 2C	5500	100	n (20MHz)	19.5/21.7 (MCS2)	7.75	11.00	-3.25
	5580	116	n (20MHz)	19.5/21.7 (MCS2)	9.53	11.00	-1.47
	*5600	120	n (20MHz)	19.5/21.7 (MCS2)	9.61	11.00	-1.39
	5700	140	n (20MHz)	19.5/21.7 (MCS2)	6.55	11.00	-4.45
	5720	144	n (20MHz)	19.5/21.7 (MCS2)	9.25	11.00	-1.75
	5500	100	ax (SU) (20MHz)	24/25.8 (MCS2)	5.73	11.00	-5.27
	5580	116	ax (SU) (20MHz)	24/25.8 (MCS2)	7.70	11.00	-3.30
	*5600	120	ax (SU) (20MHz)	24/25.8 (MCS2)	8.25	11.00	-2.75
	5700	140	ax (SU) (20MHz)	24/25.8 (MCS2)	2.97	11.00	-8.03
	5720	144	ax (SU) (20MHz)	24/25.8 (MCS2)	8.12	11.00	-2.88
	5510	102	n (40MHz)	40/40.5 (MCS2)	2.05	11.00	-8.95
	5550	110	n (40MHz)	40/40.5 (MCS2)	6.57	11.00	-4.43
	*5590	118	n (40MHz)	40/40.5 (MCS2)	6.31	11.00	-4.70
	5670	134	n (40MHz)	40/40.5 (MCS2)	4.69	11.00	-6.31
	5710	142	n (40MHz)	40/40.5 (MCS2)	6.36	11.00	-4.64
	5510	102	ax (SU) (40MHz)	49/51.6 (MCS2)	-0.67	11.00	-11.67
	5550	110	ax (SU) (40MHz)	49/51.6 (MCS2)	4.13	11.00	-6.87
	*5590	118	ax (SU) (40MHz)	49/51.6 (MCS2)	4.98	11.00	-6.02
	5670	134	ax (SU) (40MHz)	49/51.6 (MCS2)	2.97	11.00	-8.03
	5710	142	ax (SU) (40MHz)	49/51.6 (MCS2)	4.91	11.00	-6.09
	5530	106	ac (80MHz)	87.8/97.5 (MCS2)	-2.38	11.00	-13.38
	*5610	122	ac (80MHz)	87.8/97.5 (MCS2)	2.10	11.00	-8.90
	5690	138	ac (80MHz)	87.8/97.5 (MCS2)	2.68	11.00	-8.32
	5530	106	ax (SU) (80MHz)	102/108.1 (MCS2)	-4.74	11.00	-15.74
	*5610	122	ax (SU) (80MHz)	102/108.1 (MCS2)	0.26	11.00	-10.74
	5690	138	ax (SU) (80MHz)	102/108.1 (MCS2)	2.03	11.00	-8.97
	*5570	114	ac (160MHz)	87.8/97.5 (MCS2)	-7.49	11.00	-18.49
	*5570	114	ax (SU) (160MHz)	102/108.1 (MCS2)	-8.73	11.00	-19.73

Table 7-200. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna WF8 (Low Data Rate)

*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	39/43.3 (MCS4)	7.09	11.00	-3.91
	5200	40	n (20MHz)	39/43.3 (MCS4)	9.03	11.00	-1.97
	5240	48	n (20MHz)	39/43.3 (MCS4)	9.32	11.00	-1.68
	5180	36	ax (SU) (20MHz)	49/51.6 (MCS4)	5.11	11.00	-5.89
	5200	40	ax (SU) (20MHz)	49/51.6 (MCS4)	7.57	11.00	-3.43
	5240	48	ax (SU) (20MHz)	49/51.6 (MCS4)	8.03	11.00	-2.97
	5190	38	n (40MHz)	81/90 (MCS4)	1.47	11.00	-9.53
	5230	46	n (40MHz)	81/90 (MCS4)	6.33	11.00	-4.67
	5190	38	ax (SU) (40MHz)	98/103.2 (MCS4)	-0.72	11.00	-11.72
	5230	46	ax (SU) (40MHz)	98/103.2 (MCS4)	4.90	11.00	-6.10
	5210	42	ac (80MHz)	175.5/195 (MCS4)	-3.06	11.00	-14.06
	5210	42	ax (SU) (80MHz)	204/216.2 (MCS4)	-4.06	11.00	-15.06
Band 1/2	5250	50	ac (160MHz)	175.5/195 (MCS4)	-7.28	11.00	-18.28
	5250	50	ax (SU) (160MHz)	204/216.2 (MCS4)	-8.67	11.00	-19.67
Band 2A	5260	52	n (20MHz)	39/43.3 (MCS4)	9.21	11.00	-1.79
	5300	60	n (20MHz)	39/43.3 (MCS4)	9.20	11.00	-1.80
	5320	64	n (20MHz)	39/43.3 (MCS4)	7.66	11.00	-3.34
	5260	52	ax (SU) (20MHz)	49/51.6 (MCS4)	7.80	11.00	-3.21
	5300	60	ax (SU) (20MHz)	49/51.6 (MCS4)	8.02	11.00	-2.98
	5320	64	ax (SU) (20MHz)	49/51.6 (MCS4)	5.58	11.00	-5.43
	5270	54	n (40MHz)	81/90 (MCS4)	6.42	11.00	-4.58
	5310	62	n (40MHz)	81/90 (MCS4)	2.25	11.00	-8.75
	5270	54	ax (SU) (40MHz)	98/103.2 (MCS4)	5.12	11.00	-5.88
	5310	62	ax (SU) (40MHz)	98/103.2 (MCS4)	0.16	11.00	-10.85
	5290	58	ac (80MHz)	175.5/195 (MCS4)	-1.97	11.00	-12.97
	5290	58	ax (SU) (80MHz)	204/216.2 (MCS4)	-3.82	11.00	-14.82
Band 2C	5500	100	n (20MHz)	39/43.3 (MCS4)	6.44	11.00	-4.56
	5580	116	n (20MHz)	39/43.3 (MCS4)	9.49	11.00	-1.51
	*5600	120	n (20MHz)	39/43.3 (MCS4)	9.64	11.00	-1.36
	5700	140	n (20MHz)	39/43.3 (MCS4)	5.20	11.00	-5.80
	5720	144	n (20MHz)	39/43.3 (MCS4)	9.48	11.00	-1.52
	5500	100	ax (SU) (20MHz)	49/51.6 (MCS4)	4.26	11.00	-6.74
	5580	116	ax (SU) (20MHz)	49/51.6 (MCS4)	8.00	11.00	-3.00
	*5600	120	ax (SU) (20MHz)	49/51.6 (MCS4)	7.90	11.00	-3.10
	5700	140	ax (SU) (20MHz)	49/51.6 (MCS4)	3.07	11.00	-7.93
	5720	144	ax (SU) (20MHz)	49/51.6 (MCS4)	8.05	11.00	-2.96
	5510	102	n (40MHz)	81/90 (MCS4)	1.61	11.00	-9.39
	5550	110	n (40MHz)	81/90 (MCS4)	5.77	11.00	-5.23
	*5590	118	n (40MHz)	81/90 (MCS4)	6.48	11.00	-4.52
	5670	134	n (40MHz)	81/90 (MCS4)	3.97	11.00	-7.04
	5710	142	n (40MHz)	81/90 (MCS4)	6.51	11.00	-4.49
	5510	102	ax (SU) (40MHz)	98/103.2 (MCS4)	-1.34	11.00	-12.34
	5550	110	ax (SU) (40MHz)	98/103.2 (MCS4)	3.39	11.00	-7.61
	*5590	118	ax (SU) (40MHz)	98/103.2 (MCS4)	5.13	11.00	-5.87
	5670	134	ax (SU) (40MHz)	98/103.2 (MCS4)	2.64	11.00	-8.36
	5710	142	ax (SU) (40MHz)	98/103.2 (MCS4)	5.09	11.00	-5.91
	5530	106	ac (80MHz)	175.5/195 (MCS4)	-2.77	11.00	-13.77
	*5610	122	ac (80MHz)	175.5/195 (MCS4)	1.61	11.00	-9.39
	5690	138	ac (80MHz)	175.5/195 (MCS4)	3.07	11.00	-7.93
	5530	106	ax (SU) (80MHz)	204/216.2 (MCS4)	-4.51	11.00	-15.51
	*5610	122	ax (SU) (80MHz)	204/216.2 (MCS4)	-1.04	11.00	-12.04
	5690	138	ax (SU) (80MHz)	204/216.2 (MCS4)	1.92	11.00	-9.09
	*5570	114	ac (160MHz)	175.5/195 (MCS4)	-8.75	11.00	-19.75
	*5570	114	ax (SU) (160MHz)	204/216.2 (MCS4)	-9.70	11.00	-20.70

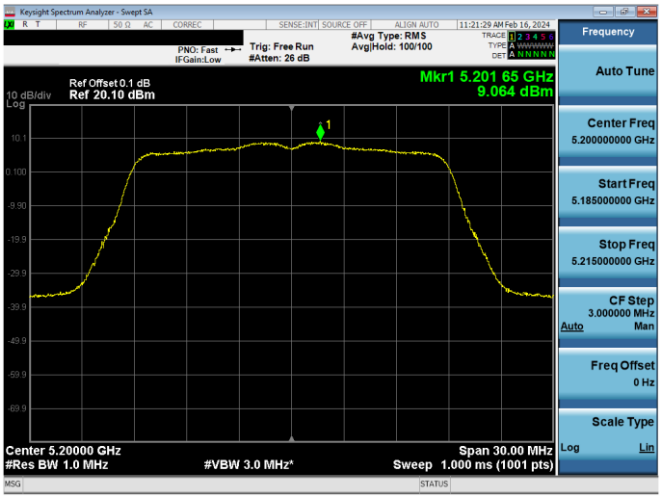
Table 7-201. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna WF8 (Mid Data Rate)

*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

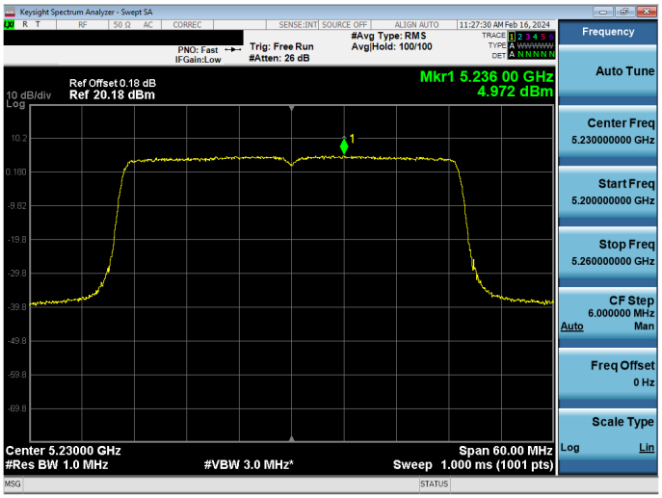
	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	n (20MHz)	65/72.2 (MCS7)	4.81	11.00	-6.19
	5200	40	n (20MHz)	65/72.2 (MCS7)	7.76	11.00	-3.24
	5240	48	n (20MHz)	65/72.2 (MCS7)	7.96	11.00	-3.04
	5180	36	ax (SU) (20MHz)	135/143.4 (MCS11)	4.45	11.00	-6.56
	5200	40	ax (SU) (20MHz)	135/143.4 (MCS11)	7.61	11.00	-3.40
	5240	48	ax (SU) (20MHz)	135/143.4 (MCS11)	7.78	11.00	-3.22
	5190	38	n (40MHz)	135/150 (MCS7)	-0.61	11.00	-11.61
	5230	46	n (40MHz)	135/150 (MCS7)	5.05	11.00	-5.95
	5190	38	ax (SU) (40MHz)	271/286 (MCS11)	-1.42	11.00	-12.42
	5230	46	ax (SU) (40MHz)	271/286 (MCS11)	4.83	11.00	-6.17
	5210	42	ac (80MHz)	390/433.3 (MCS9)	-4.55	11.00	-15.55
	5210	42	ax (SU) (80MHz)	567/600.5 (MCS11)	-4.98	11.00	-15.98
Band 1/2	5250	50	ac (160MHz)	390/433.3 (MCS9)	-8.99	11.00	-19.99
	5250	50	ax (SU) (160MHz)	567/600.5 (MCS11)	-9.01	11.00	-20.01
Band 2A	5260	52	n (20MHz)	65/72.2 (MCS7)	7.95	11.00	-3.05
	5300	60	n (20MHz)	65/72.2 (MCS7)	8.00	11.00	-3.01
	5320	64	n (20MHz)	65/72.2 (MCS7)	5.81	11.00	-5.19
	5260	52	ax (SU) (20MHz)	135/143.4 (MCS11)	7.69	11.00	-3.31
	5300	60	ax (SU) (20MHz)	135/143.4 (MCS11)	7.89	11.00	-3.11
	5320	64	ax (SU) (20MHz)	135/143.4 (MCS11)	4.70	11.00	-6.30
	5270	54	n (40MHz)	135/150 (MCS7)	4.85	11.00	-6.15
	5310	62	n (40MHz)	135/150 (MCS7)	0.37	11.00	-10.63
	5270	54	ax (SU) (40MHz)	271/286 (MCS11)	4.97	11.00	-6.03
	5310	62	ax (SU) (40MHz)	271/286 (MCS11)	-0.38	11.00	-11.38
	5290	58	ac (80MHz)	390/433.3 (MCS9)	-3.34	11.00	-14.34
	5290	58	ax (SU) (80MHz)	567/600.5 (MCS11)	-3.92	11.00	-14.92
Band 2C	5500	100	n (20MHz)	65/72.2 (MCS7)	3.93	11.00	-7.07
	5580	116	n (20MHz)	65/72.2 (MCS7)	8.32	11.00	-2.68
	*5600	120	n (20MHz)	65/72.2 (MCS7)	8.31	11.00	-2.69
	5700	140	n (20MHz)	65/72.2 (MCS7)	2.87	11.00	-8.13
	5720	144	n (20MHz)	65/72.2 (MCS7)	8.28	11.00	-2.73
	5500	100	ax (SU) (20MHz)	135/143.4 (MCS11)	2.88	11.00	-8.12
	5580	116	ax (SU) (20MHz)	135/143.4 (MCS11)	8.16	11.00	-2.84
	*5600	120	ax (SU) (20MHz)	135/143.4 (MCS11)	8.10	11.00	-2.90
	5700	140	ax (SU) (20MHz)	135/143.4 (MCS11)	2.22	11.00	-8.78
	5720	144	ax (SU) (20MHz)	135/143.4 (MCS11)	7.97	11.00	-3.03
	5510	102	n (40MHz)	135/150 (MCS7)	-2.49	11.00	-13.49
	5550	110	n (40MHz)	135/150 (MCS7)	3.75	11.00	-7.25
	*5590	118	n (40MHz)	135/150 (MCS7)	5.23	11.00	-5.77
	5670	134	n (40MHz)	135/150 (MCS7)	1.05	11.00	-9.95
	5710	142	n (40MHz)	135/150 (MCS7)	5.14	11.00	-5.86
	5510	102	ax (SU) (40MHz)	271/286 (MCS11)	-2.46	11.00	-13.46
	5550	110	ax (SU) (40MHz)	271/286 (MCS11)	3.09	11.00	-7.91
	*5590	118	ax (SU) (40MHz)	271/286 (MCS11)	5.63	11.00	-5.37
	5670	134	ax (SU) (40MHz)	271/286 (MCS11)	1.20	11.00	-9.80
	5710	142	ax (SU) (40MHz)	271/286 (MCS11)	5.25	11.00	-5.76
	5530	106	ac (80MHz)	390/433.3 (MCS9)	-5.20	11.00	-16.20
	*5610	122	ac (80MHz)	390/433.3 (MCS9)	-0.35	11.00	-11.35
	5690	138	ac (80MHz)	390/433.3 (MCS9)	1.51	11.00	-9.50
	5530	106	ax (SU) (80MHz)	567/600.5 (MCS11)	-5.43	11.00	-16.43
	*5610	122	ax (SU) (80MHz)	567/600.5 (MCS11)	-1.31	11.00	-12.31
	5690	138	ax (SU) (80MHz)	567/600.5 (MCS11)	1.83	11.00	-9.17
	*5570	114	ac (160MHz)	390/433.3 (MCS9)	-9.94	11.00	-20.94
	*5570	114	ax (SU) (160MHz)	567/600.5 (MCS11)	-10.40	11.00	-21.40

Table 7-202. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna WF8 (High Data Rate)

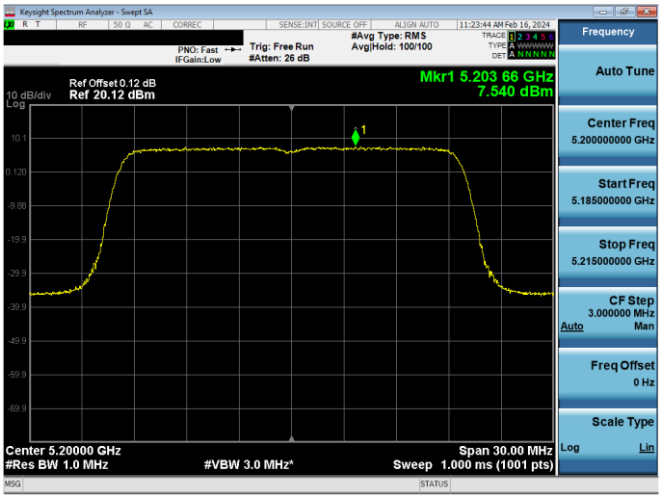
*TDWR channel is not supported for ISED (denoted by a * next to the frequency)



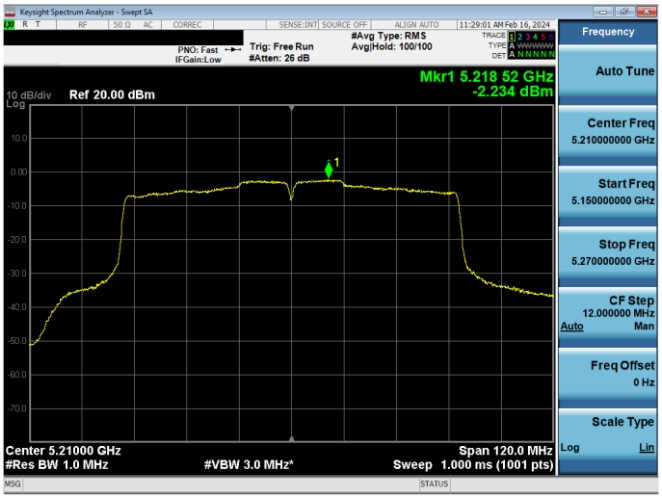
Plot 7-252. PSD Antenna WF5b (20MHz BW 802.11n – Ch. 40, MCS2)



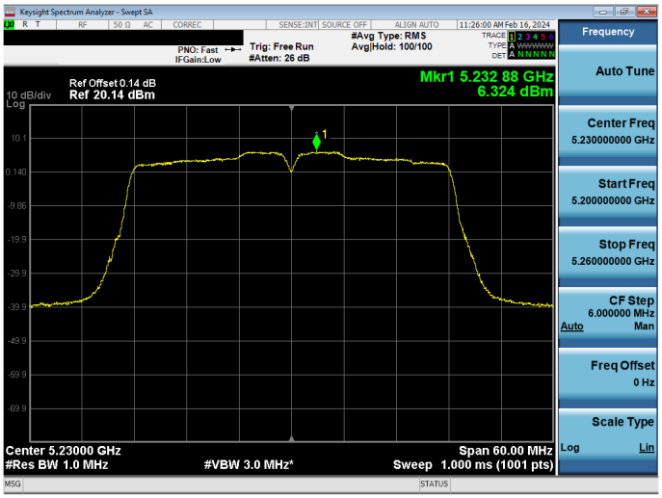
Plot 7-255. PSD Antenna WF5b (40MHz BW 802.11ax(SU) – Ch. 46, MCS2)



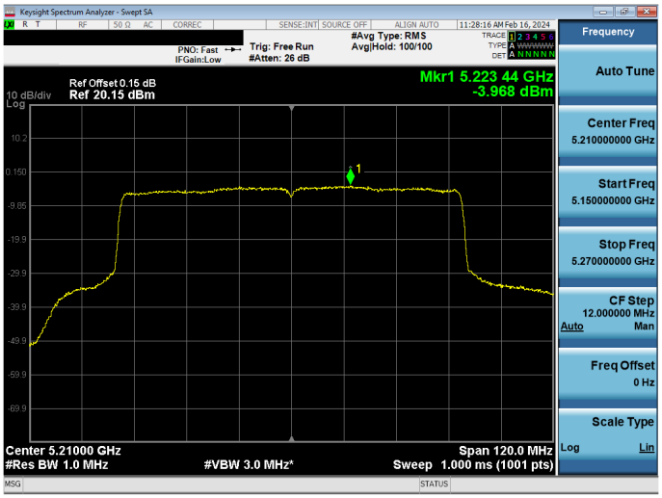
Plot 7-253. PSD Antenna WF5b (20MHz BW 802.11ax(SU) – Ch. 40, MCS2)



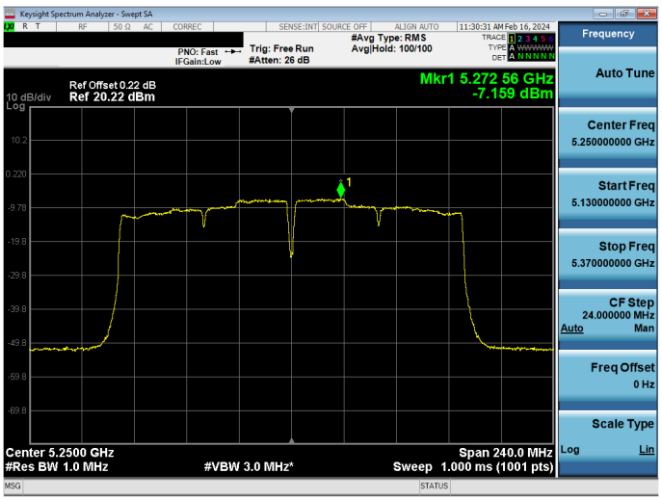
Plot 7-256. PSD Antenna WF5b (80MHz BW 802.11ac – Ch. 42, MCS2)



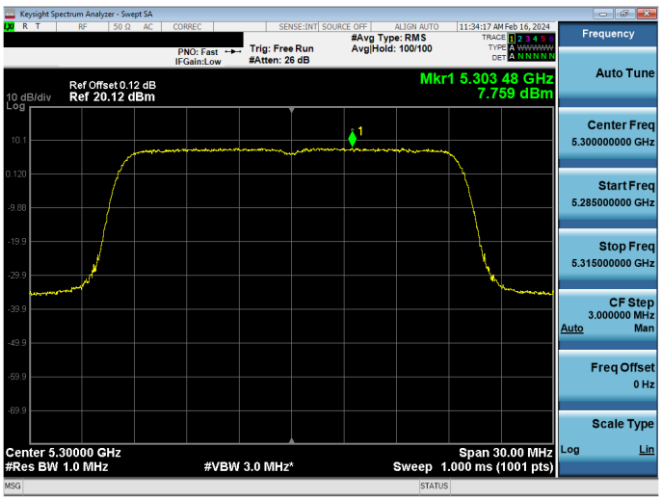
Plot 7-254. PSD Antenna WF5b (40MHz BW 802.11n – Ch. 46, MCS2)



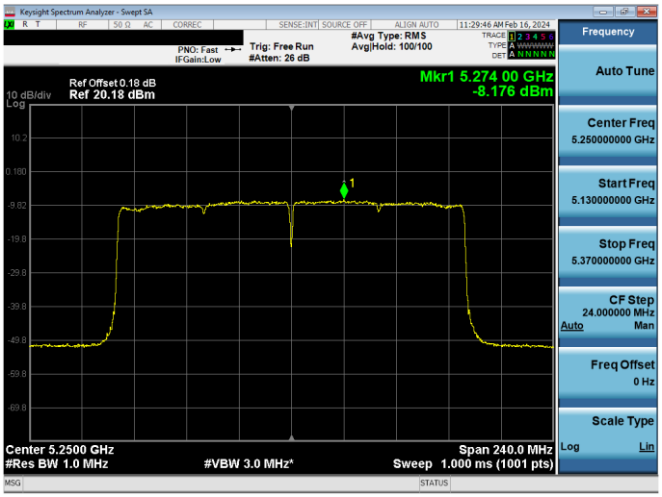
Plot 7-257. PSD Antenna WF5b (80MHz BW 802.11ax(SU) – Ch. 42, MCS2)



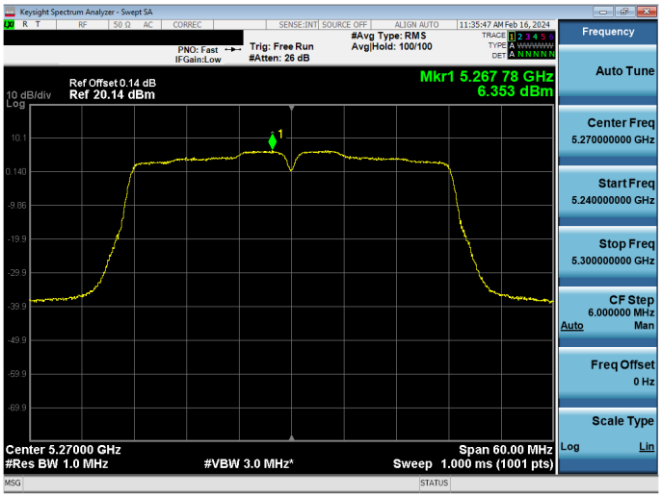
Plot 7-258. PSD Antenna WF5b (160MHz BW 802.11ac – Ch. 50, MCS2)



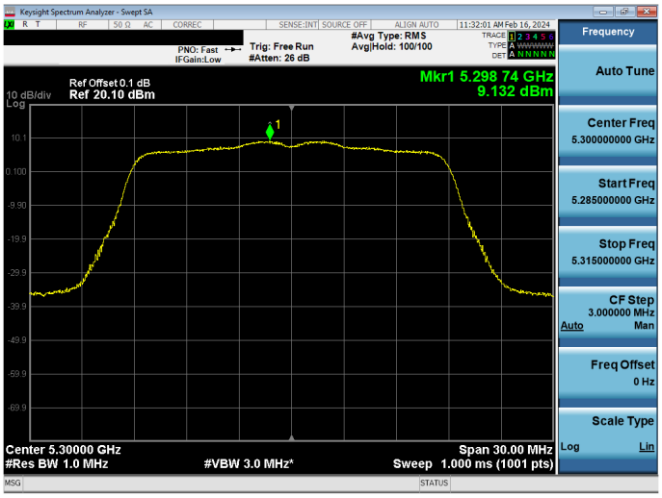
Plot 7-261. PSD Antenna WF5b (20MHz BW 802.11ax(SU) – Ch. 60, MCS2)



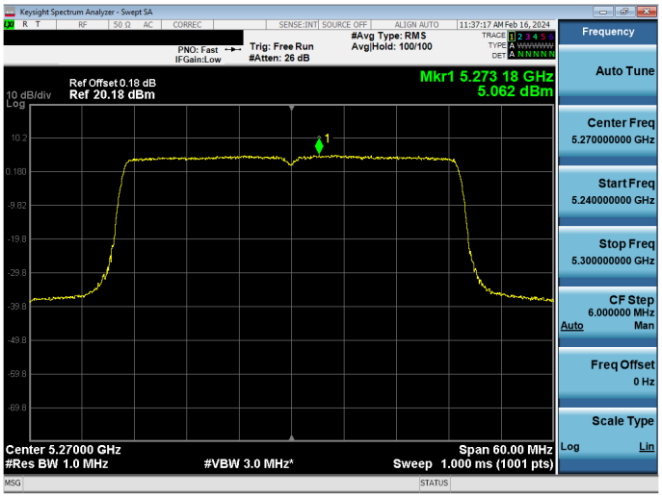
Plot 7-259. PSD Antenna WF5b (160MHz BW 802.11ax(SU) – Ch. 50, MCS2)



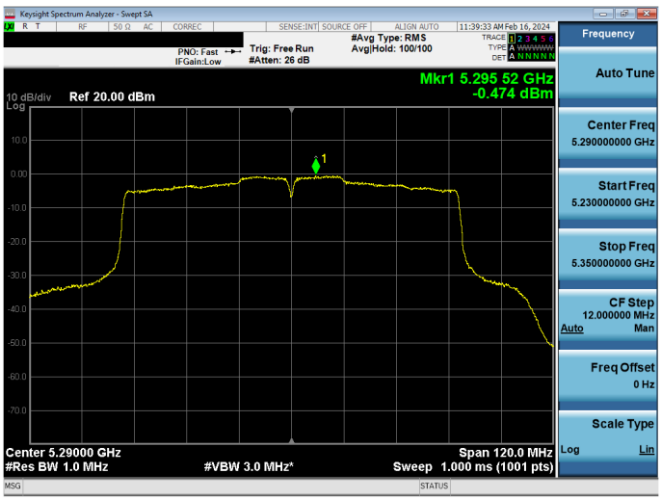
Plot 7-262. PSD Antenna WF5b (40MHz BW 802.11n – Ch. 54, MCS2)



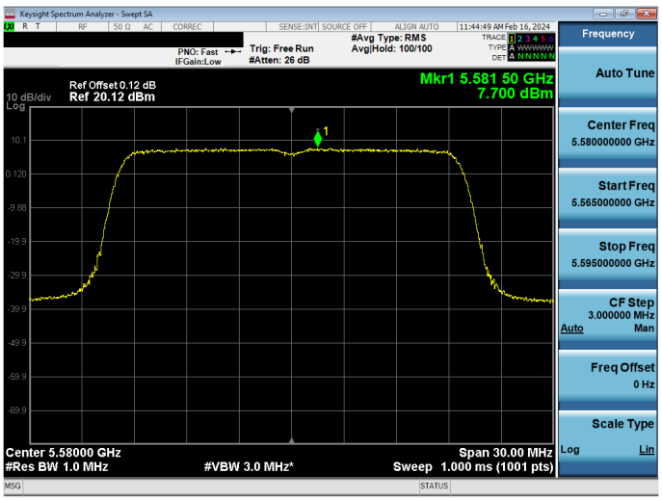
Plot 7-260. PSD Antenna WF5b (20MHz BW 802.11n – Ch. 60, MCS2)



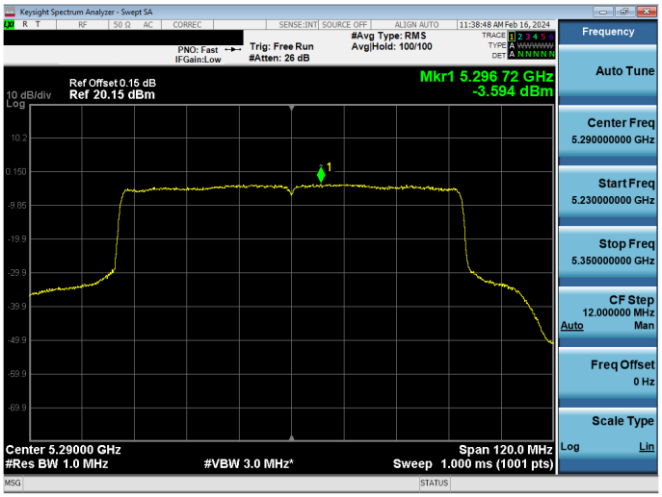
Plot 7-263. PSD Antenna WF5b (40MHz BW 802.11ax(SU) – Ch. 54, MCS2)



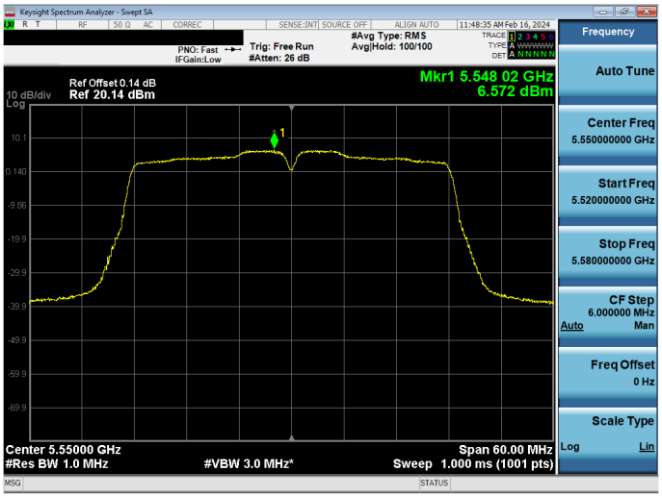
Plot 7-264. PSD Antenna WF5b (80MHz BW 802.11ac – Ch. 58, MCS2)



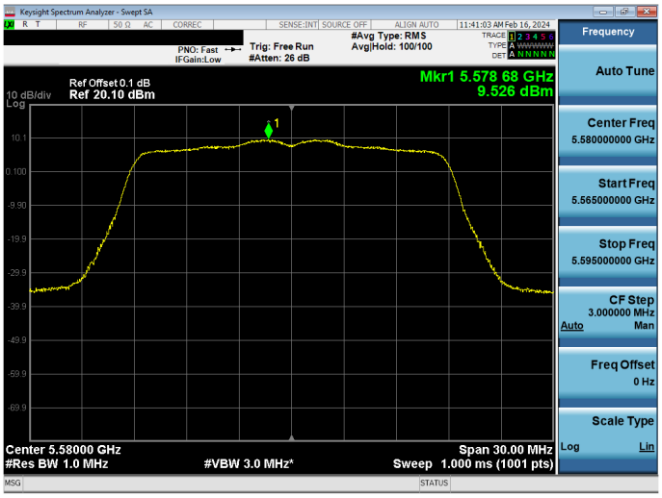
Plot 7-267. PSD Antenna WF5b (20MHz BW 802.11ax(SU) – Ch. 116, MCS2)



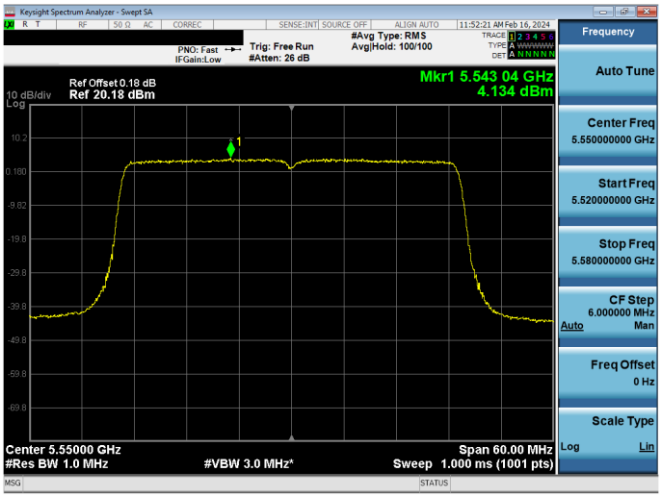
Plot 7-265. PSD Antenna WF5b (80MHz BW 802.11ax(SU) – Ch. 58, MCS2)



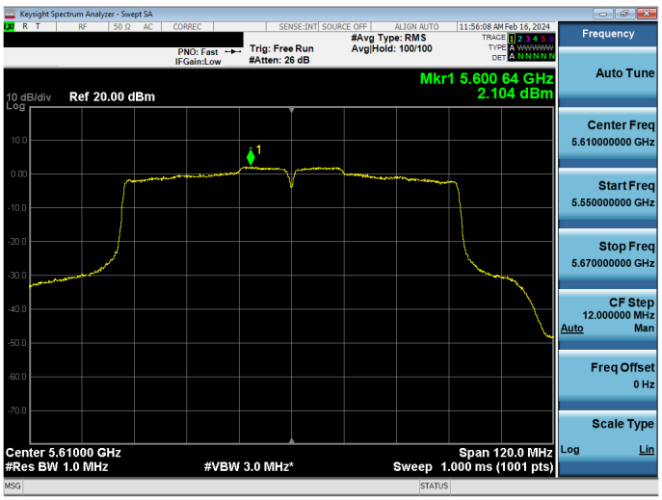
Plot 7-268. PSD Antenna WF5b (40MHz BW 802.11n – Ch. 110, MCS2)



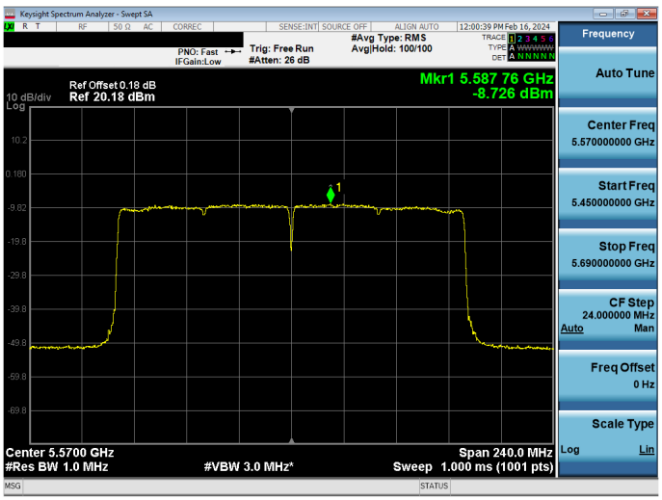
Plot 7-266. PSD Antenna WF5b (20MHz BW 802.11n – Ch. 116, MCS2)



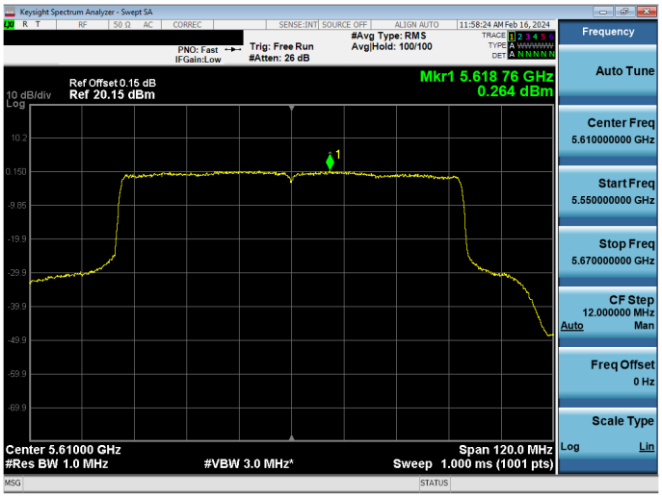
Plot 7-269. PSD Antenna WF5b (40MHz BW 802.11ax(SU) – Ch. 110, MCS2)



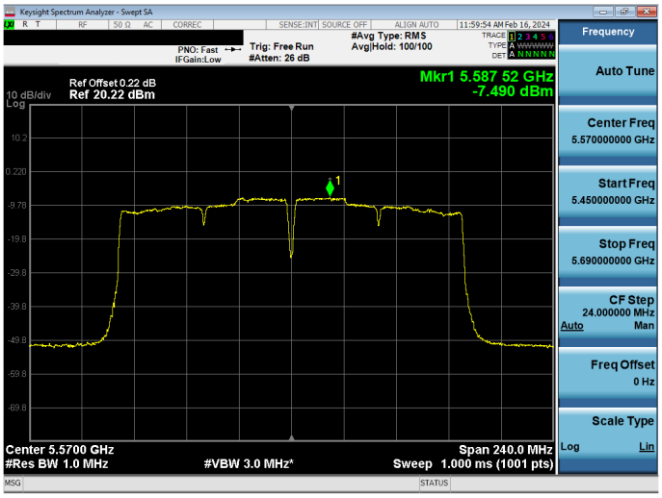
Plot 7-270. PSD Antenna WF5b (80MHz BW 802.11ac – Ch. 122, MCS2)



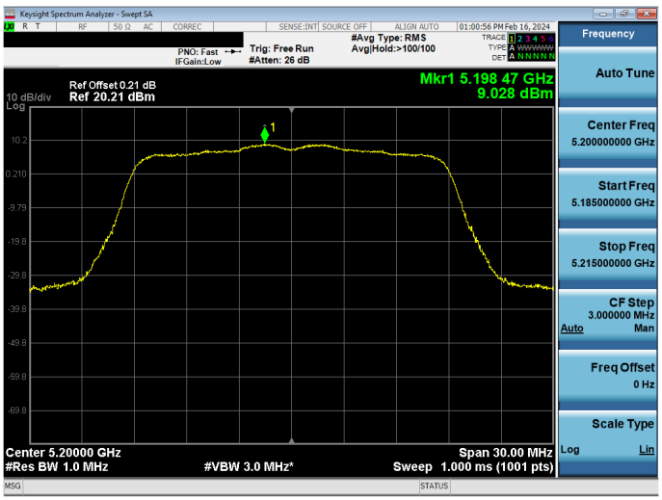
Plot 7-273. PSD Antenna WF5b (160MHz BW 802.11ax(SU) – Ch. 114, MCS2)



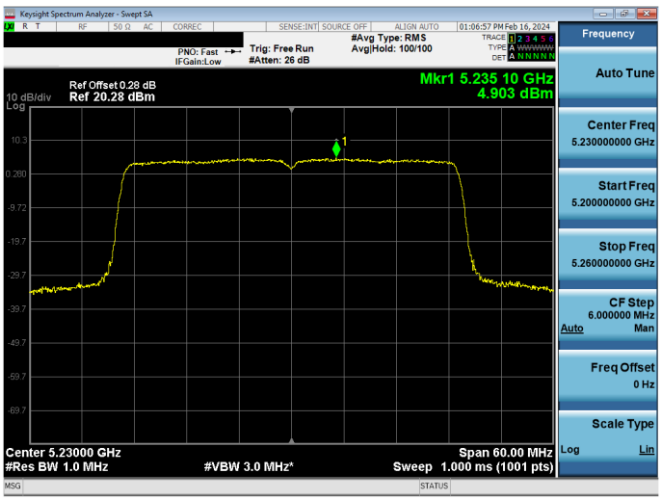
Plot 7-271. PSD Antenna WF5b (80MHz BW 802.11ax(SU) – Ch. 122, MCS2)



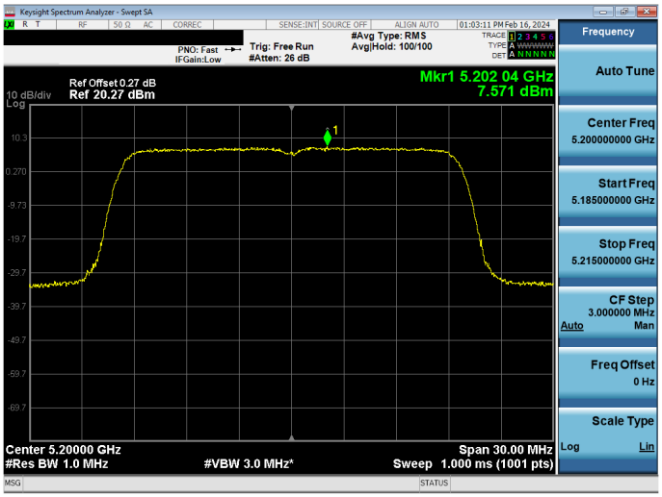
Plot 7-272. PSD Antenna WF5b (160MHz BW 802.11ac – Ch. 114, MCS2)



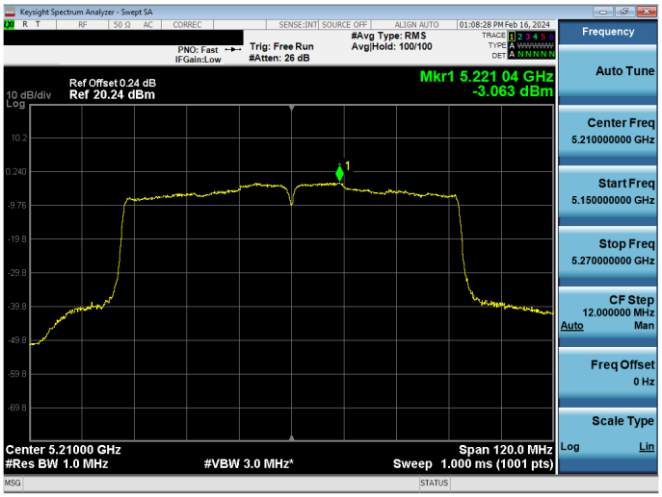
Plot 7-274. PSD Antenna WF5b (20MHz BW 802.11n – Ch. 40, MCS4)



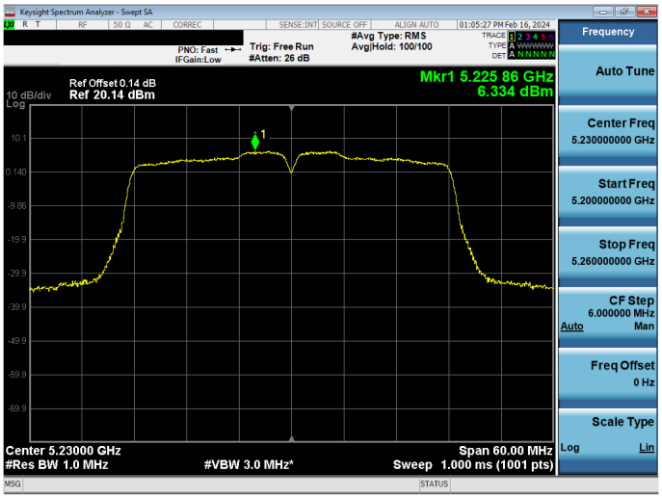
Plot 7-277. PSD Antenna WF5b (40MHz BW 802.11ax(SU) – Ch. 46, MCS4)



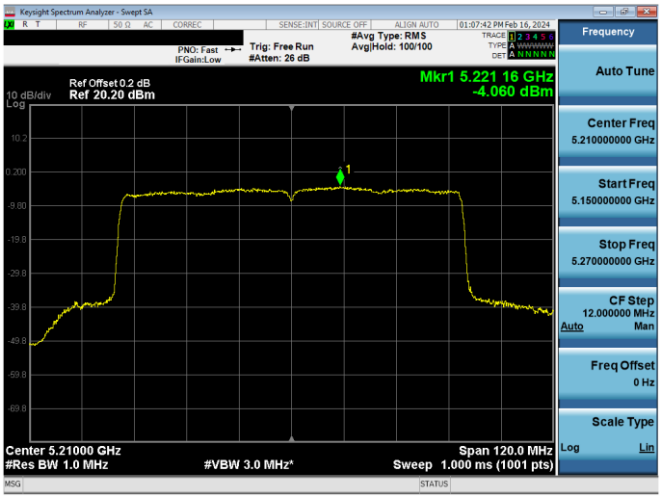
Plot 7-275. PSD Antenna WF5b (20MHz BW 802.11ax(SU) – Ch. 40, MCS4)



Plot 7-278. PSD Antenna WF5b (80MHz BW 802.11ac – Ch. 42, MCS4)



Plot 7-276. PSD Antenna WF5b (40MHz BW 802.11n – Ch. 46, MCS4)



Plot 7-279. PSD Antenna WF5b (80MHz BW 802.11ax(SU) – Ch. 42, MCS4)