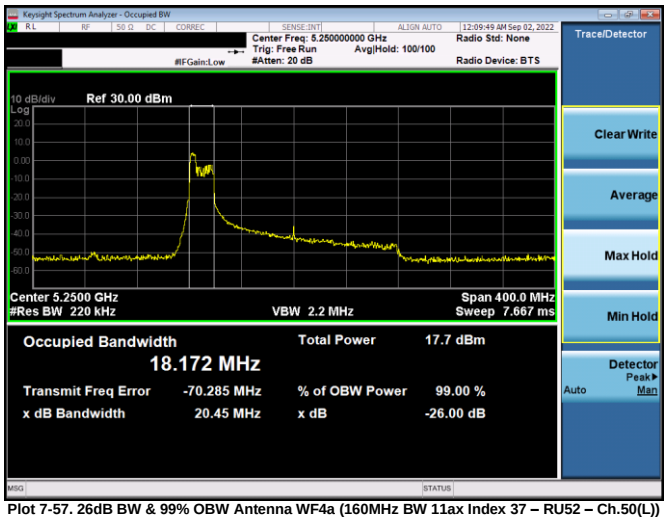
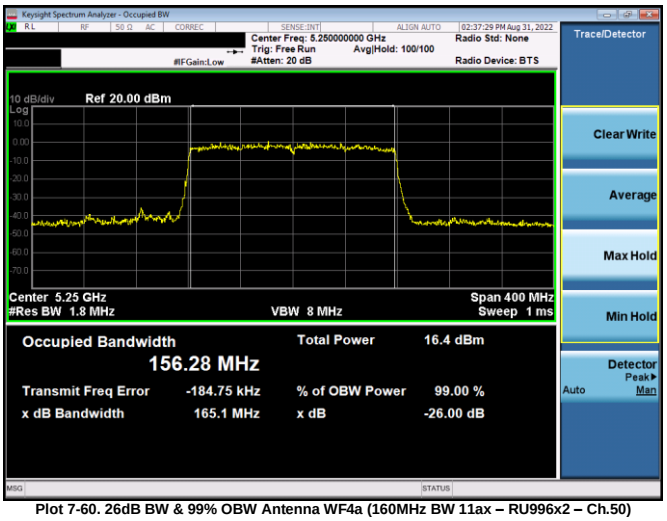
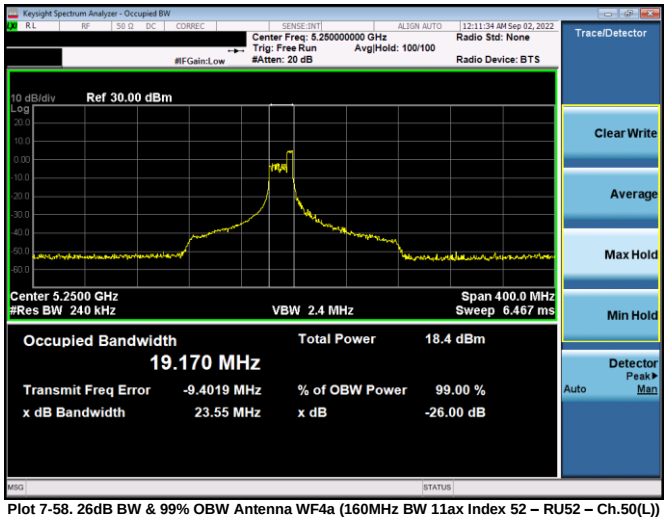


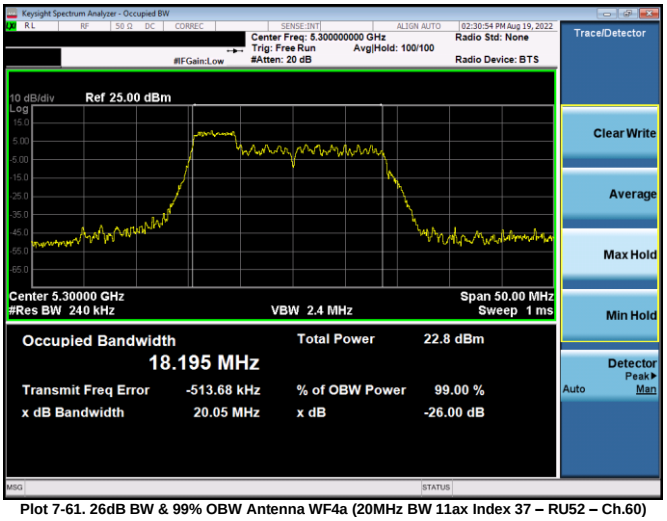
Plot 7-57. 26dB BW & 99% OBW Antenna WF4a (160MHz BW 11ax Index 37 – RU52 – Ch.50(L))



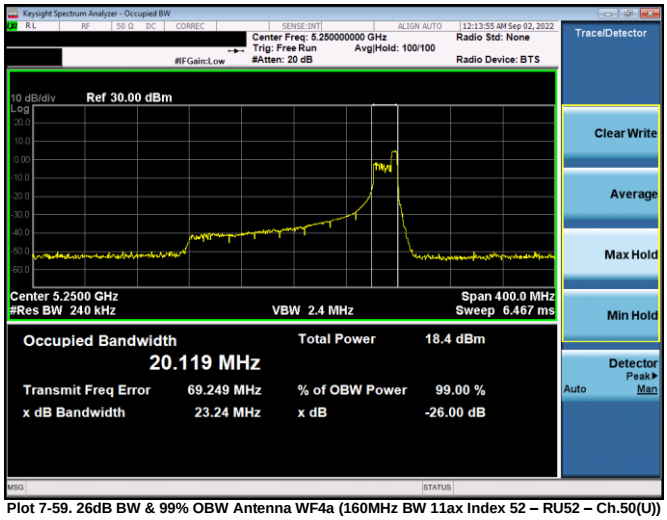
Plot 7-60. 26dB BW & 99% OBW Antenna WF4a (160MHz BW 11ax – RU996x2 – Ch.50)



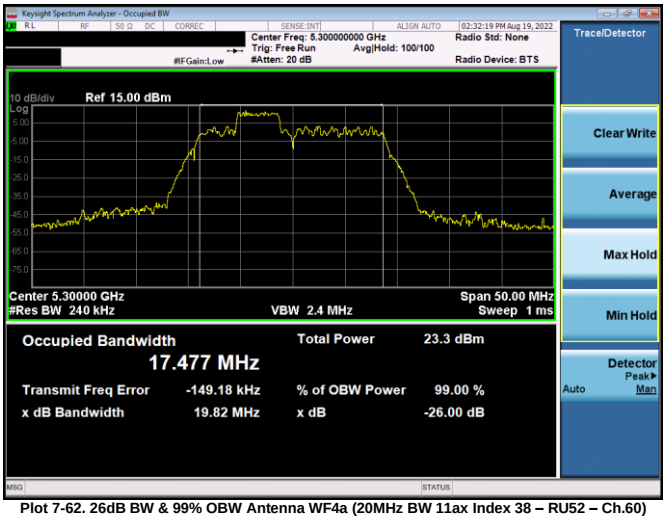
Plot 7-58. 26dB BW & 99% OBW Antenna WF4a (160MHz BW 11ax Index 52 – RU52 – Ch.50(L))



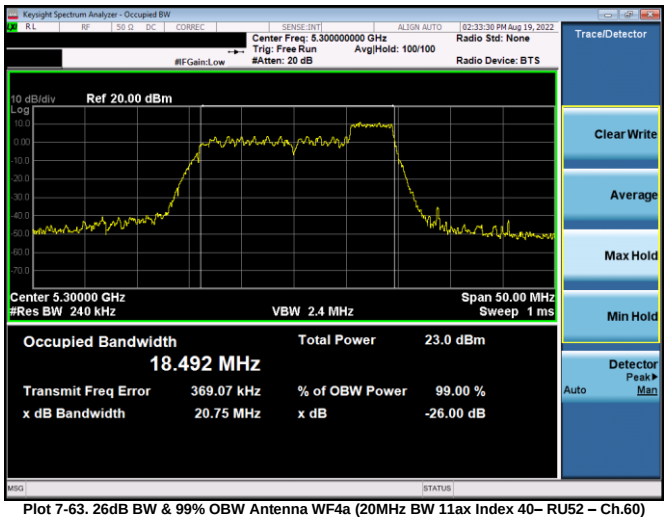
Plot 7-61. 26dB BW & 99% OBW Antenna WF4a (20MHz BW 11ax Index 37 – RU52 – Ch.60)



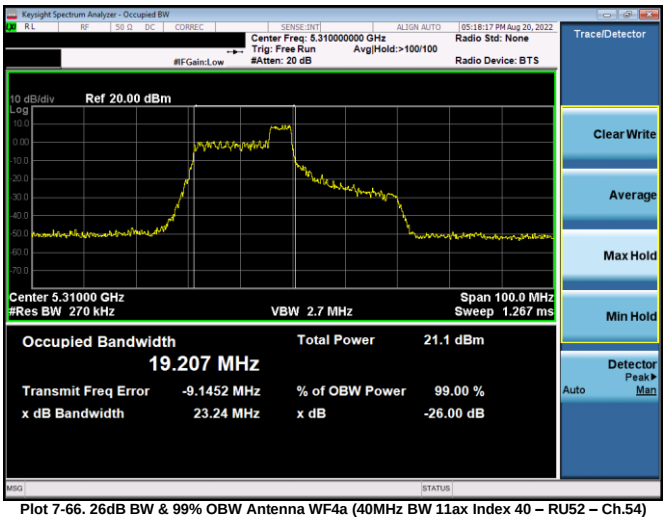
Plot 7-59. 26dB BW & 99% OBW Antenna WF4a (160MHz BW 11ax Index 52 – RU52 – Ch.50(U))



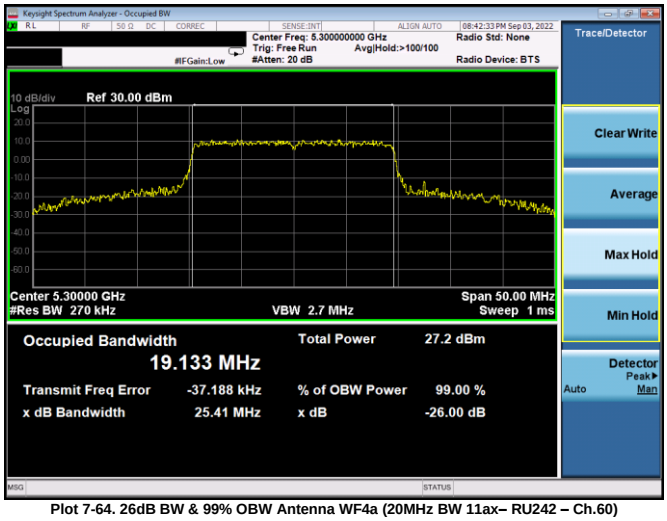
Plot 7-62. 26dB BW & 99% OBW Antenna WF4a (20MHz BW 11ax Index 38 – RU52 – Ch.60)



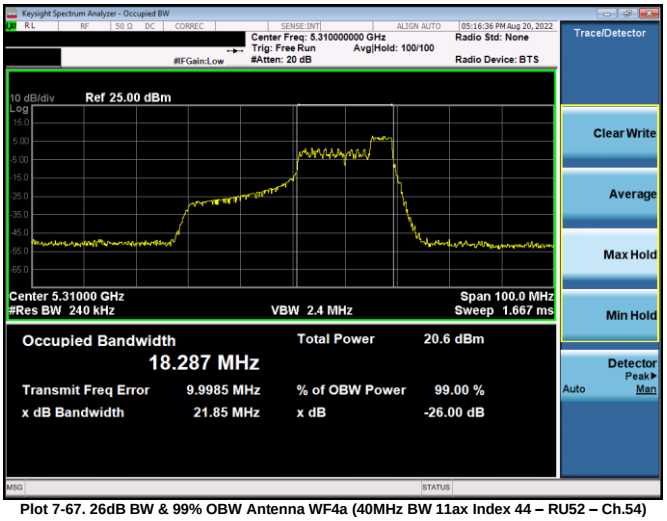
Plot 7-63. 26dB BW & 99% OBW Antenna WF4a (20MHz BW 11ax Index 40– RU52 – Ch.60)



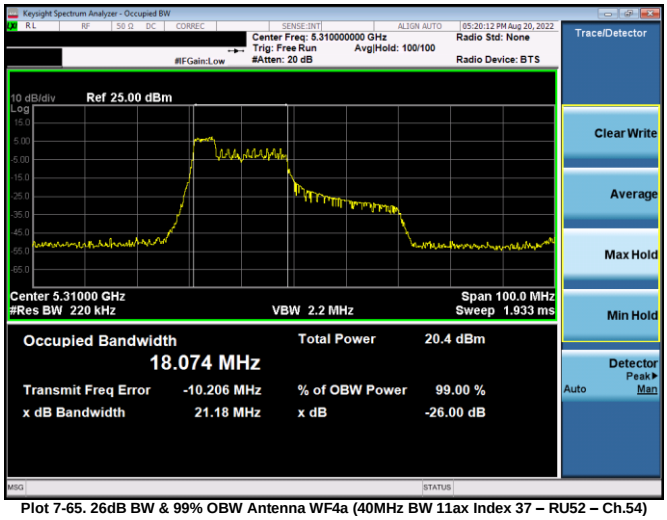
Plot 7-66. 26dB BW & 99% OBW Antenna WF4a (40MHz BW 11ax Index 40 – RU52 – Ch.54)



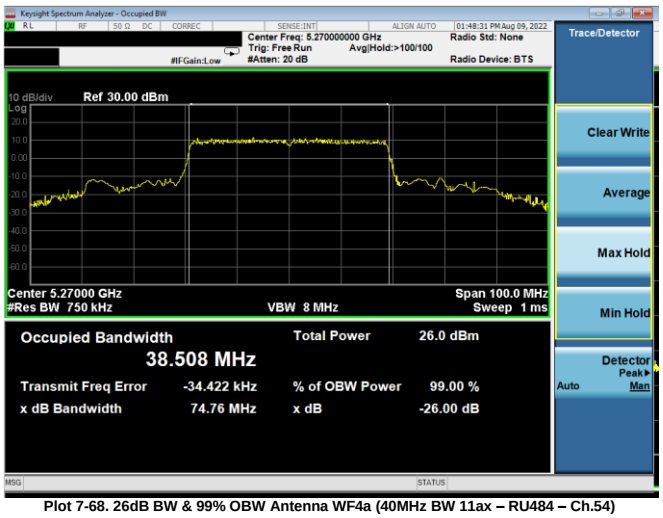
Plot 7-64. 26dB BW & 99% OBW Antenna WF4a (20MHz BW 11ax– RU242 – Ch.60)



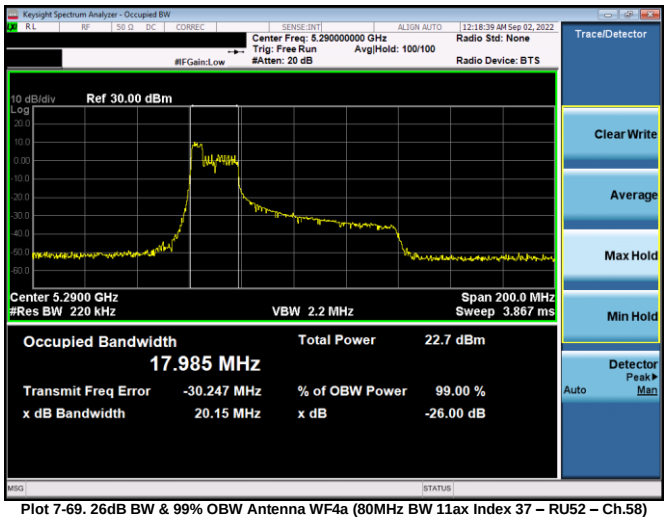
Plot 7-67. 26dB BW & 99% OBW Antenna WF4a (40MHz BW 11ax Index 44 – RU52 – Ch.54)



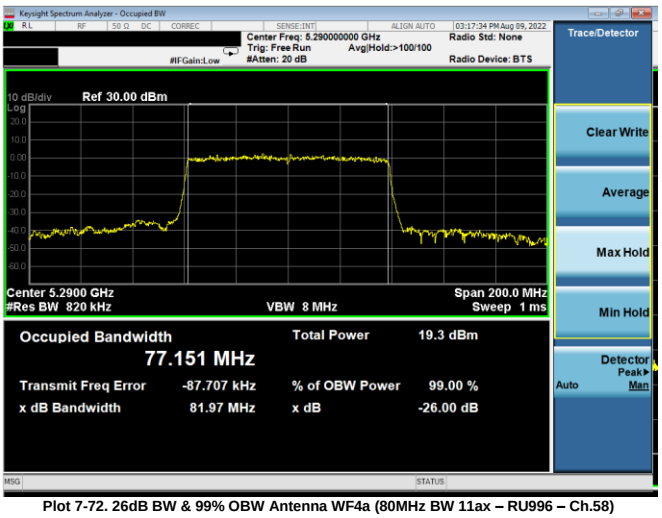
Plot 7-65. 26dB BW & 99% OBW Antenna WF4a (40MHz BW 11ax Index 37 – RU52 – Ch.54)



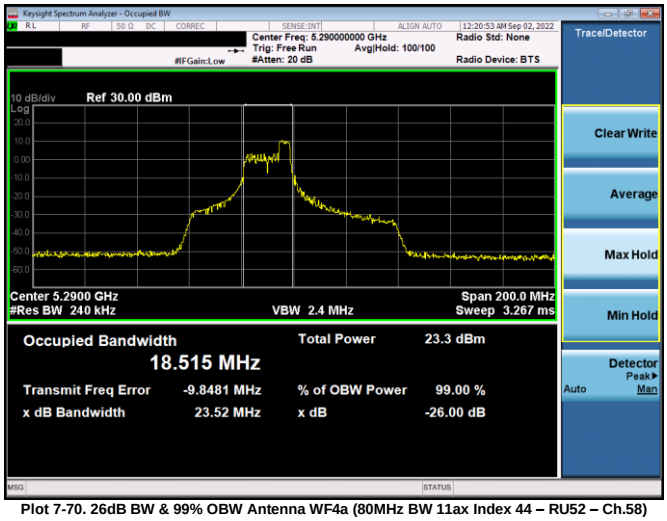
Plot 7-68. 26dB BW & 99% OBW Antenna WF4a (40MHz BW 11ax – RU484 – Ch.54)



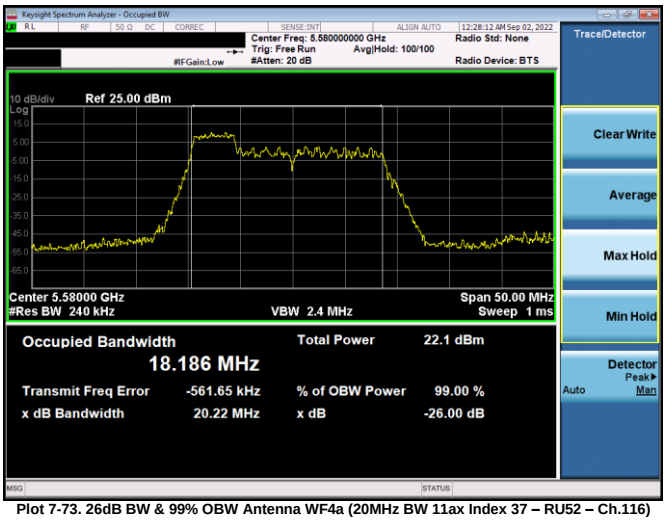
Plot 7-69. 26dB BW & 99% OBW Antenna WF4a (80MHz BW 11ax Index 37 – RU52 – Ch.58)



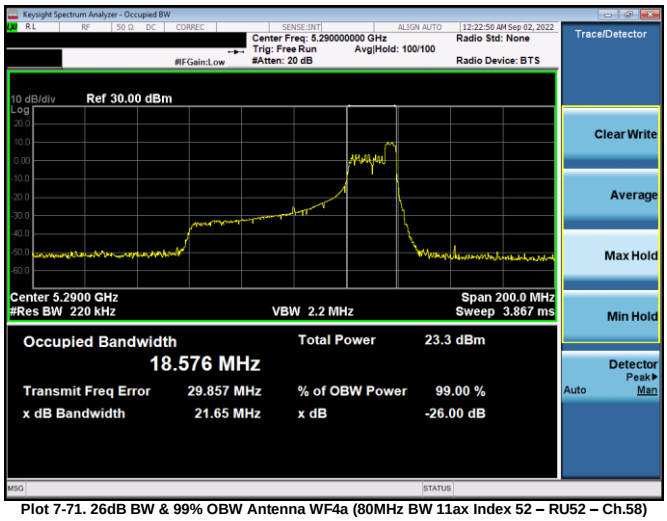
Plot 7-72. 26dB BW & 99% OBW Antenna WF4a (80MHz BW 11ax – RU996 – Ch.58)



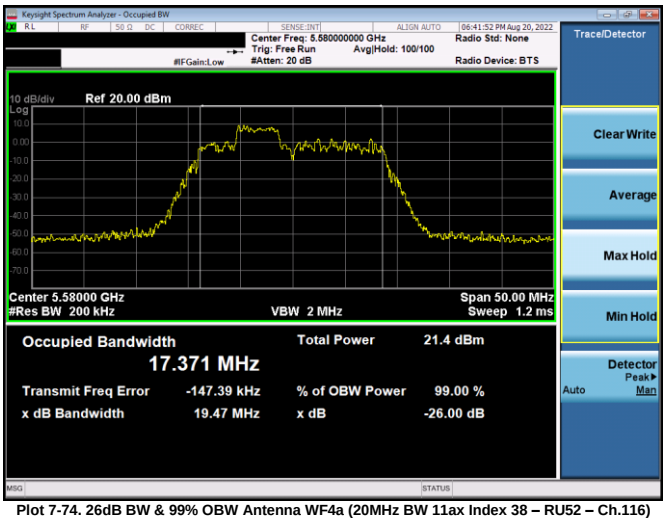
Plot 7-70. 26dB BW & 99% OBW Antenna WF4a (80MHz BW 11ax Index 44 – RU52 – Ch.58)



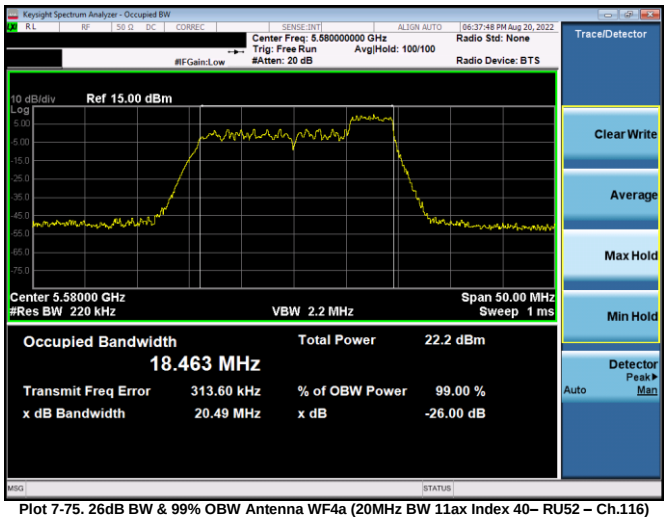
Plot 7-73. 26dB BW & 99% OBW Antenna WF4a (20MHz BW 11ax Index 37 – RU52 – Ch.116)



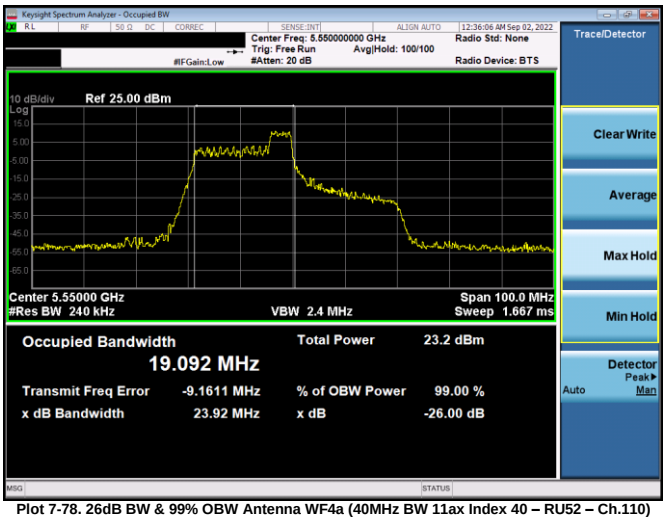
Plot 7-71. 26dB BW & 99% OBW Antenna WF4a (80MHz BW 11ax Index 52 – RU52 – Ch.58)



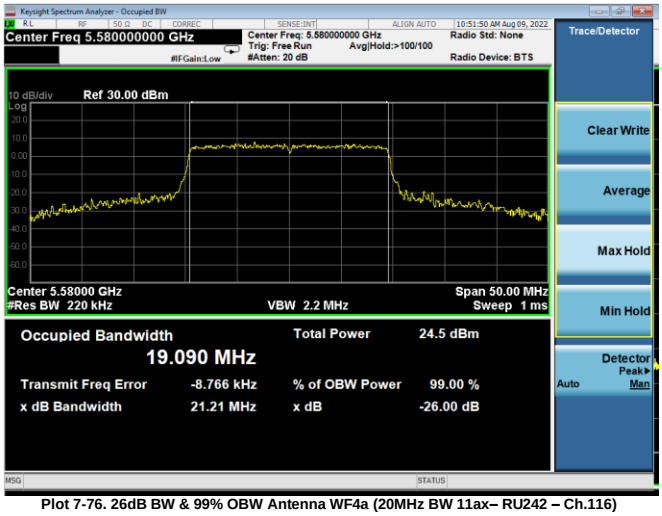
Plot 7-74. 26dB BW & 99% OBW Antenna WF4a (20MHz BW 11ax Index 38 – RU52 – Ch.116)



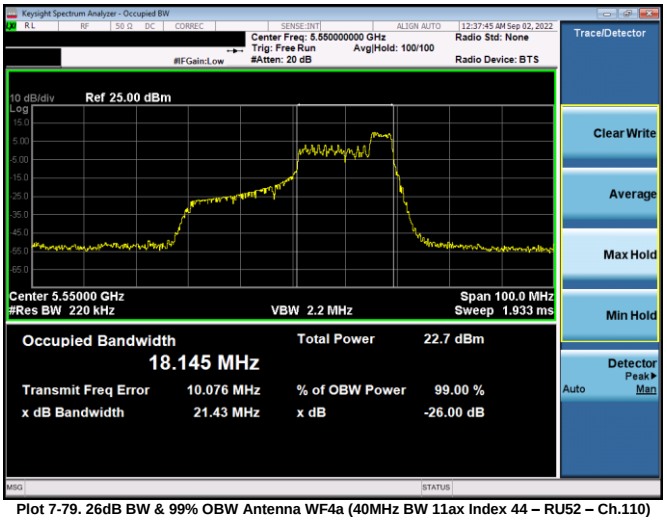
Plot 7-75. 26dB BW & 99% OBW Antenna WF4a (20MHz BW 11ax Index 40– RU52 – Ch.116)



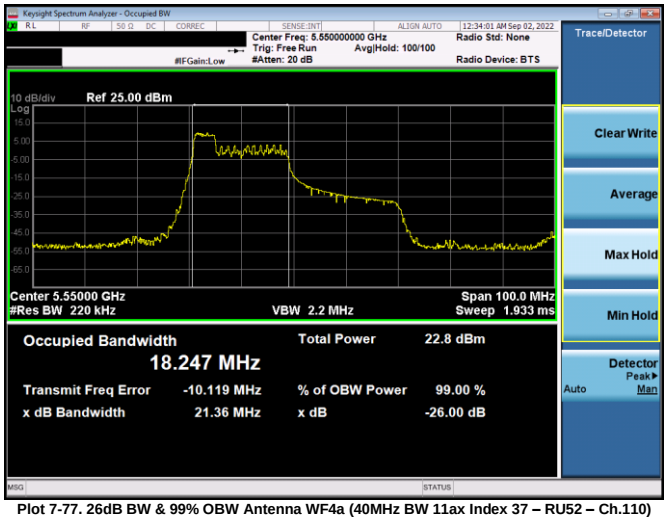
Plot 7-78. 26dB BW & 99% OBW Antenna WF4a (40MHz BW 11ax Index 40 – RU52 – Ch.110)



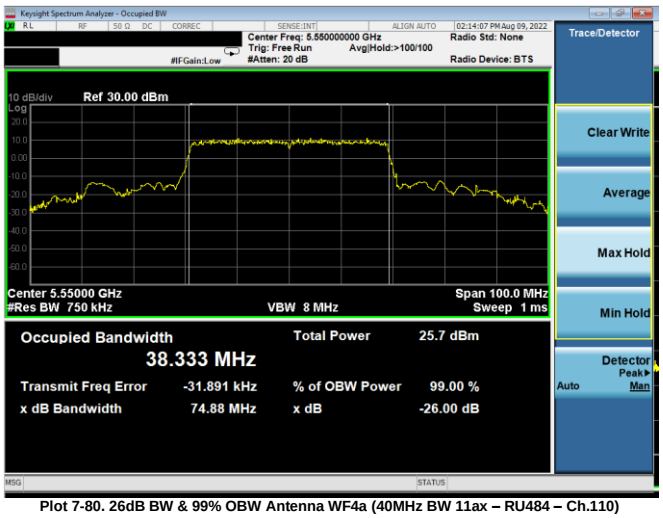
Plot 7-76. 26dB BW & 99% OBW Antenna WF4a (20MHz BW 11ax– RU242 – Ch.116)



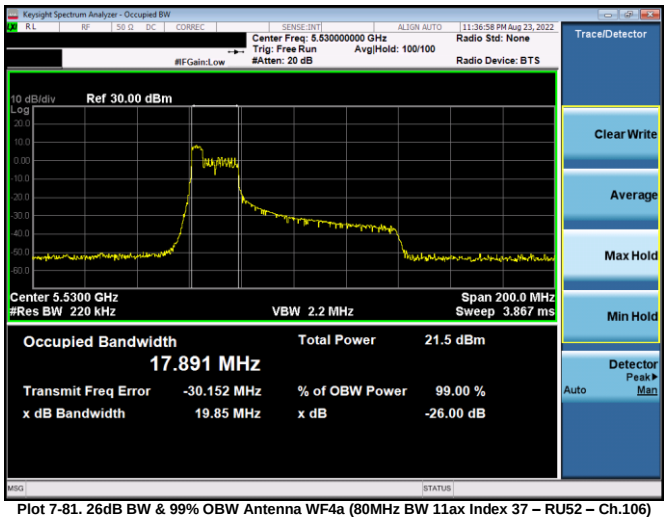
Plot 7-79. 26dB BW & 99% OBW Antenna WF4a (40MHz BW 11ax Index 44 – RU52 – Ch.110)



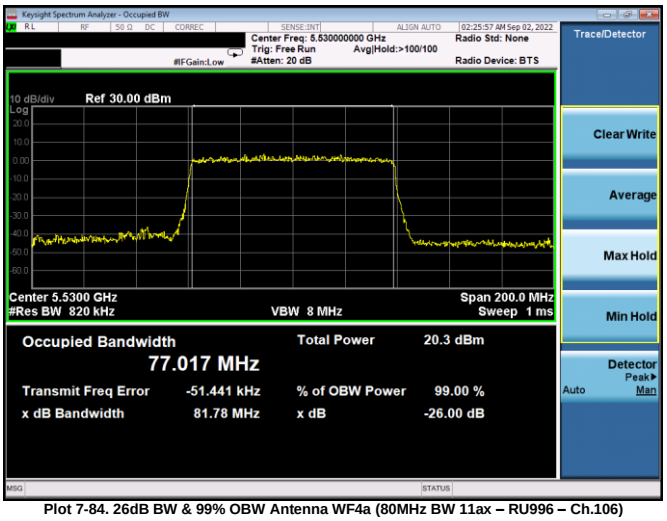
Plot 7-77. 26dB BW & 99% OBW Antenna WF4a (40MHz BW 11ax Index 37 – RU52 – Ch.110)



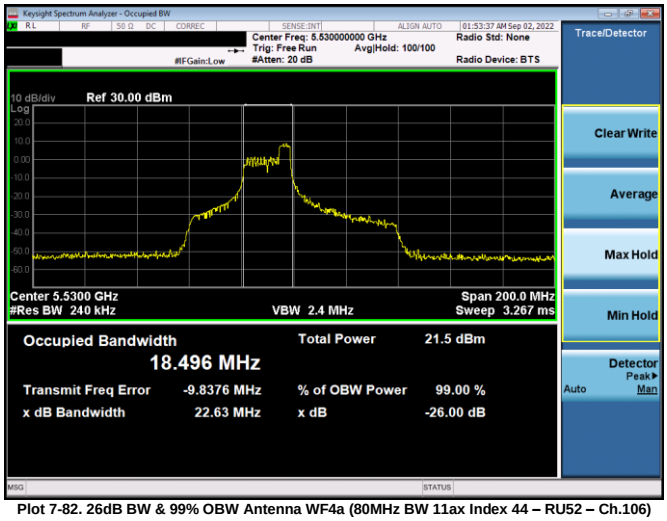
Plot 7-80. 26dB BW & 99% OBW Antenna WF4a (40MHz BW 11ax – RU484 – Ch.110)



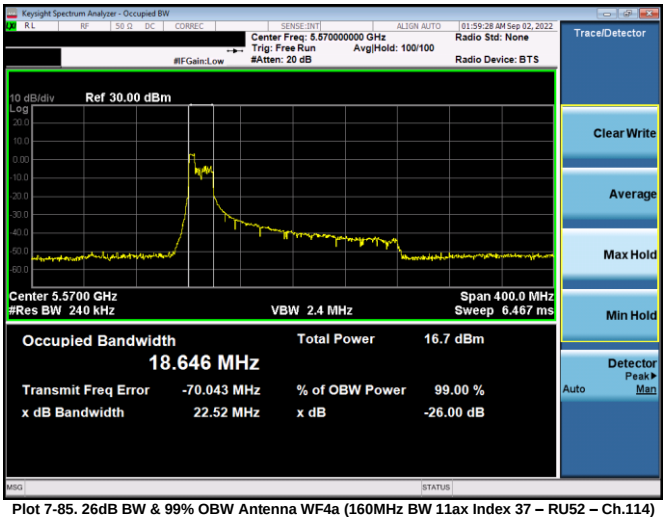
Plot 7-81. 26dB BW & 99% OBW Antenna WF4a (80MHz BW 11ax Index 37 – RU52 – Ch.106)



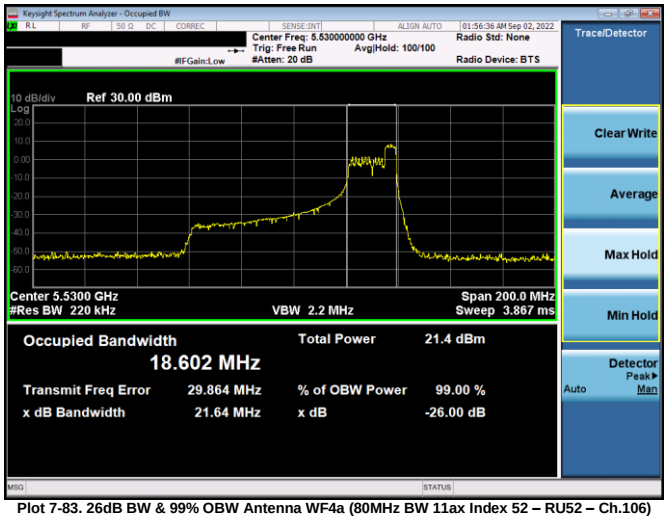
Plot 7-84. 26dB BW & 99% OBW Antenna WF4a (80MHz BW 11ax – RU996 – Ch.106)



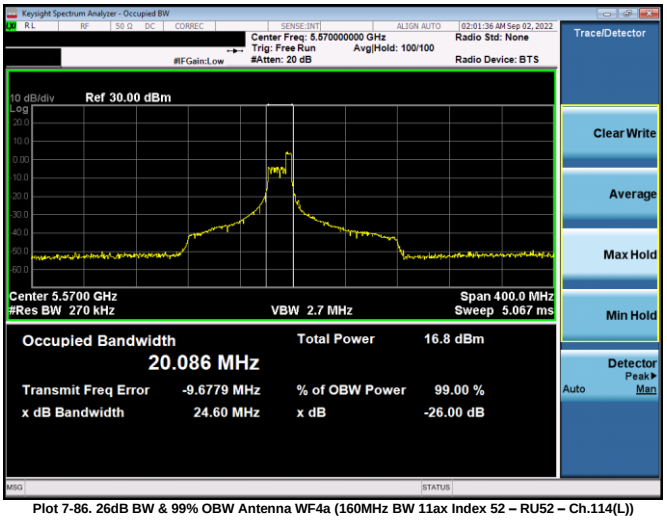
Plot 7-82. 26dB BW & 99% OBW Antenna WF4a (80MHz BW 11ax Index 44 – RU52 – Ch.106)



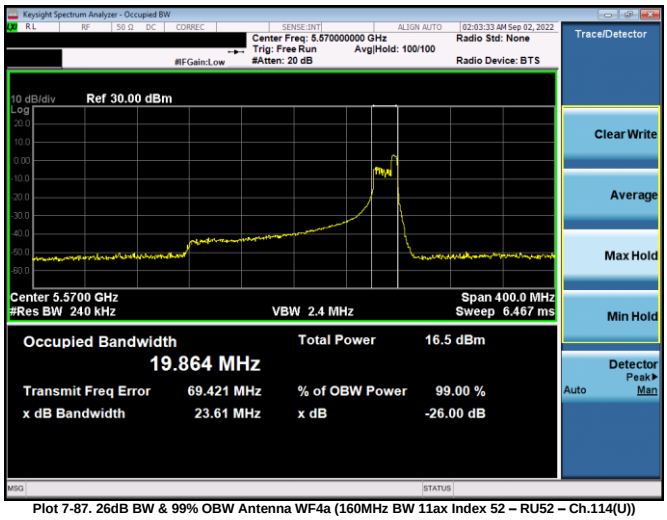
Plot 7-85. 26dB BW & 99% OBW Antenna WF4a (160MHz BW 11ax Index 37 – RU52 – Ch.114)



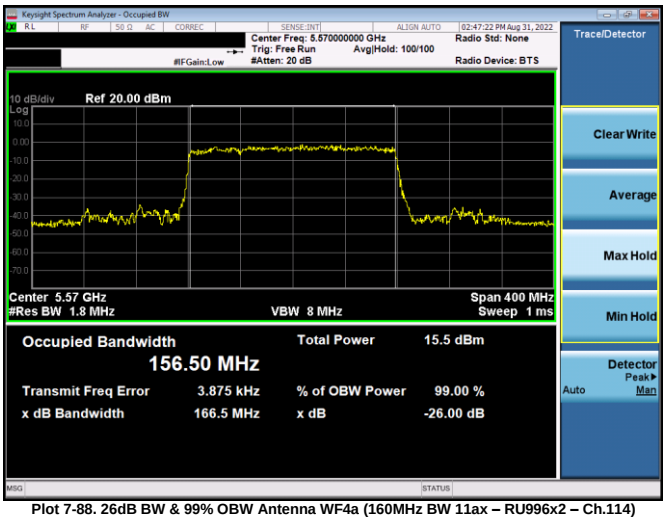
Plot 7-83. 26dB BW & 99% OBW Antenna WF4a (80MHz BW 11ax Index 52 – RU52 – Ch.106)



Plot 7-86. 26dB BW & 99% OBW Antenna WF4a (160MHz BW 11ax Index 52 – RU52 – Ch.114(L))



Plot 7-87. 26dB BW & 99% OBW Antenna WF4a (160MHz BW 11ax Index 52 – RU52 – Ch.114(U))



Plot 7-88. 26dB BW & 99% OBW Antenna WF4a (160MHz BW 11ax – RU996x2 – Ch.114)

7.3 6dB & 99% Bandwidth Measurement – 802.11ax OFDMA

§2.1049; §15.407 (e); RSS-Gen [6.7]

Test Overview and Limit

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

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

Test Procedure Used

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

Test Settings

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

Test Setup

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

Figure 7-2. Test Instrument & Measurement Setup

Test Notes

1. All antenna configurations were investigated and only the worst case is reported
2. All RU's were investigated and only worst case partially-loaded and fully-loaded RU's were reported.
3. Low, mid, and high channels were tested and tabular data has been reported. Only mid channel bandwidth plots have been reported.

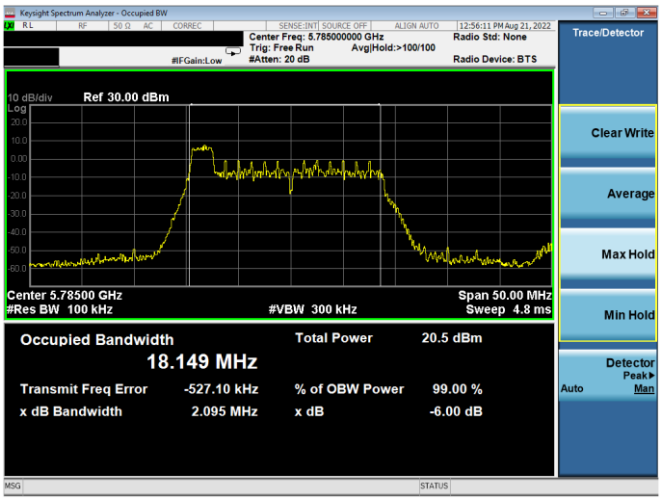
Antenna WF5b 6dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.15	2.09	0.50	Pass
				26	4	12.5/14.7 (MCS11)	17.27	2.72	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.35	2.12	0.50	Pass
	5785	157	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.15	2.10	0.50	Pass
				26	4	12.5/14.7 (MCS11)	17.28	2.71	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.35	2.08	0.50	Pass
	5825	165	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.15	2.09	0.50	Pass
				26	4	12.5/14.7 (MCS11)	17.29	2.71	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.33	2.10	0.50	Pass
	5755	151	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.93	2.13	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.83	2.12	0.50	Pass
				26	17	12.5/14.7 (MCS11)	17.96	2.13	0.50	Pass
	5795	159	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.99	2.18	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.95	2.15	0.50	Pass
				26	17	12.5/14.7 (MCS11)	17.98	2.09	0.50	Pass
	5775	155	ax (80MHz)	26	0	12.5/14.7 (MCS11)	17.75	2.21	0.50	Pass
				26	18	12.5/14.7 (MCS11)	36.71	2.85	0.50	Pass
				26	36	12.5/14.7 (MCS11)	17.98	2.30	0.50	Pass

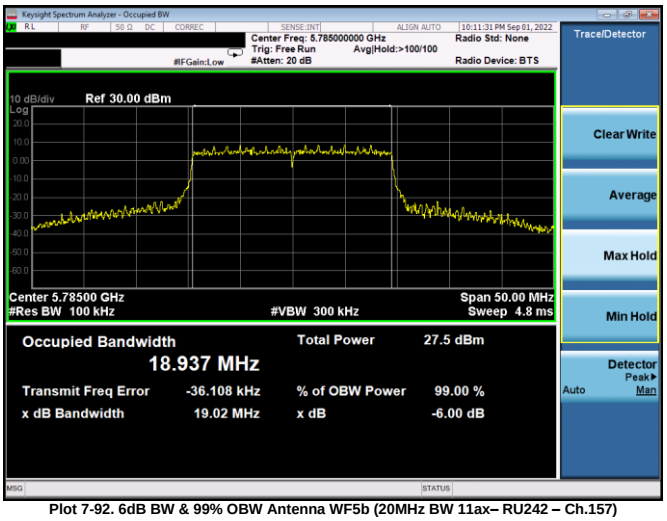
Table 7-8. Conducted Bandwidth Measurements Antenna WF5b (RU26)

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.01	19.06	0.50	Pass
	5785	157	ax (20MHz)	242	61	121.9/143.4 (MCS11)	18.94	19.02	0.50	Pass
	5825	165	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.01	19.11	0.50	Pass
	5755	151	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.90	38.14	0.50	Pass
	5795	159	ax (40MHz)	484	65	243.8/286.8 (MCS11)	38.20	38.36	0.50	Pass
	5775	155	ax (80MHz)	996	67	510.4/600.5 (MCS11)	77.35	78.01	0.50	Pass

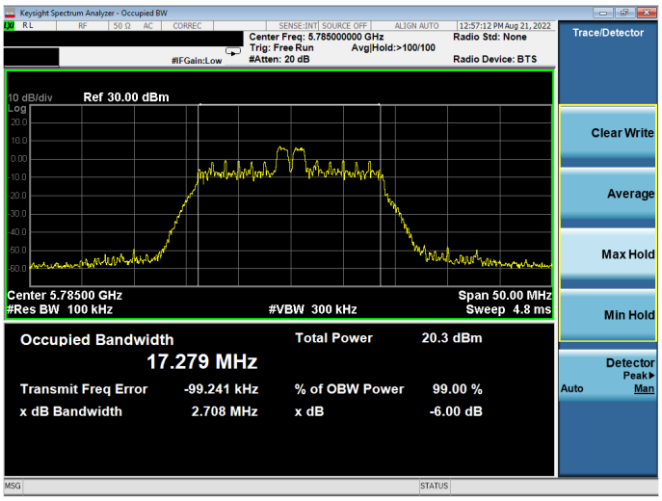
Table 7-9. Conducted Bandwidth Measurements Antenna WF5b (Fully- loaded RU)



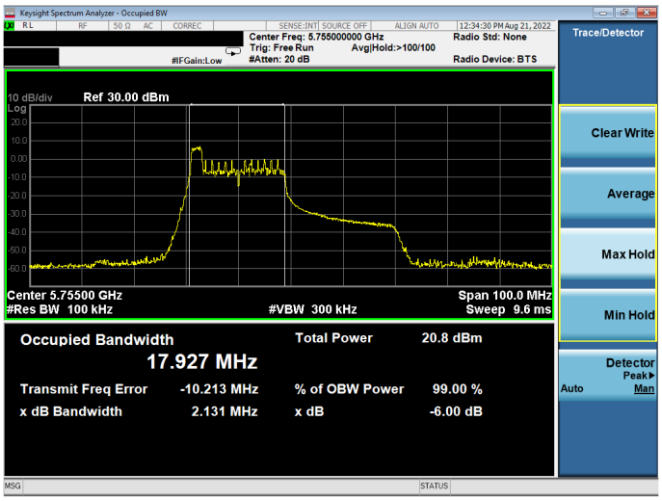
Plot 7-89. 6dB BW & 99% OBW Antenna WF5b (20MHz BW 11ax Index 0 – RU26 – Ch.157)



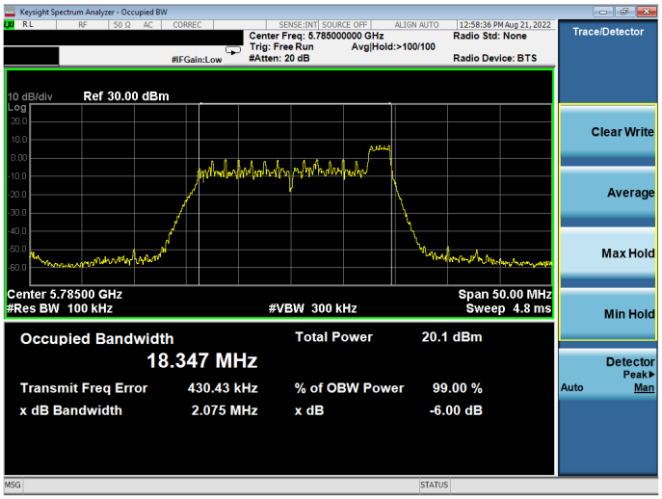
Plot 7-92. 6dB BW & 99% OBW Antenna WF5b (20MHz BW 11ax– RU242 – Ch.157)



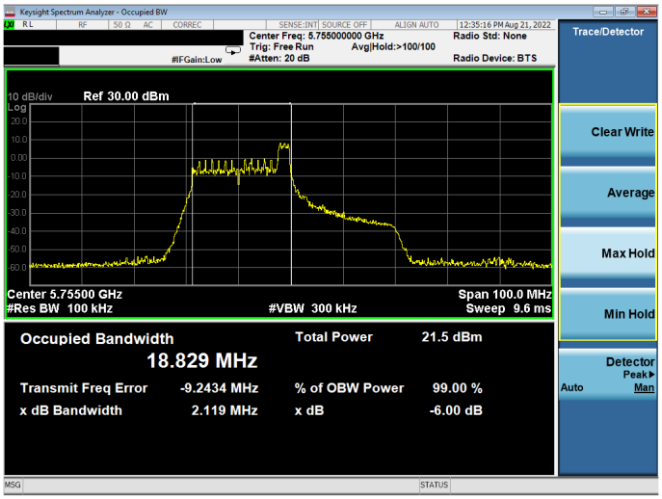
Plot 7-90. 6dB BW & 99% OBW Antenna WF5b (20MHz BW 11ax Index 4 – RU26 – Ch.157)



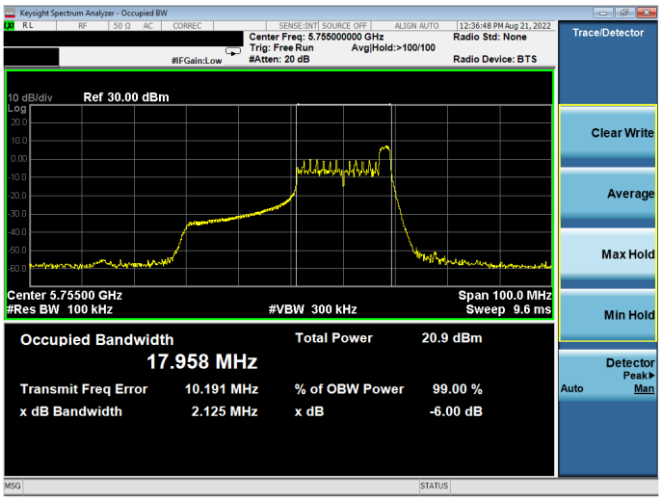
Plot 7-93. 6dB BW & 99% OBW Antenna WF5b (40MHz BW 11ax Index 0 – RU26 – Ch.151)



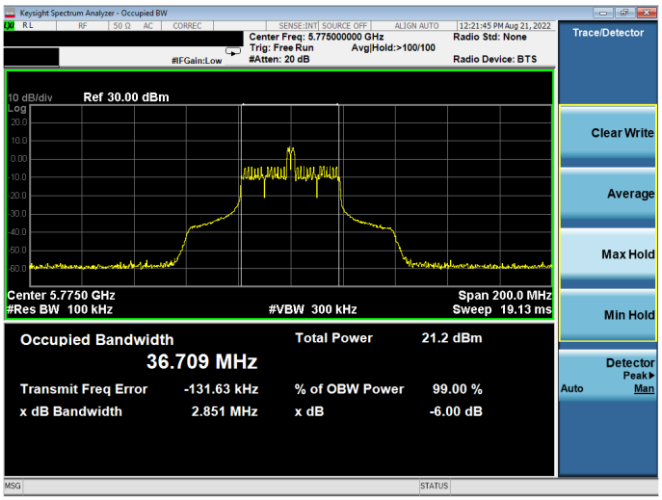
Plot 7-91. 6dB BW & 99% OBW Antenna WF5b (20MHz BW 11ax Index 8– RU26 – Ch.157)



Plot 7-94. 6dB BW & 99% OBW Antenna WF5b (40MHz BW 11ax Index 8 – RU26 – Ch.151)

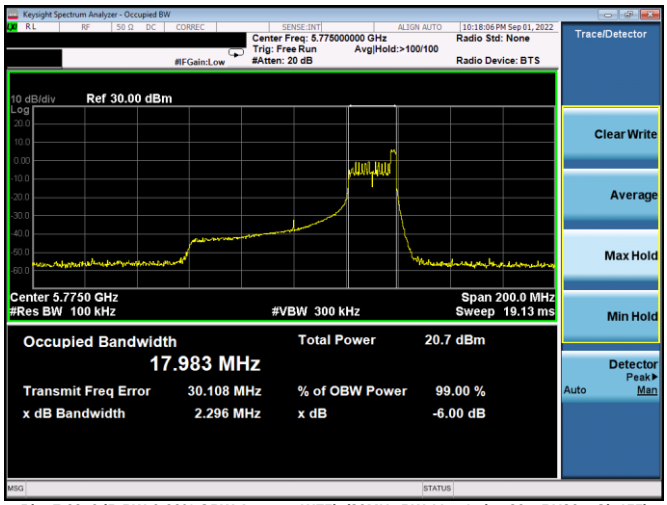


Plot 7-95. 6dB BW & 99% OBW Antenna WF5b (40MHz BW 11ax Index 17 – RU26 – Ch.151)

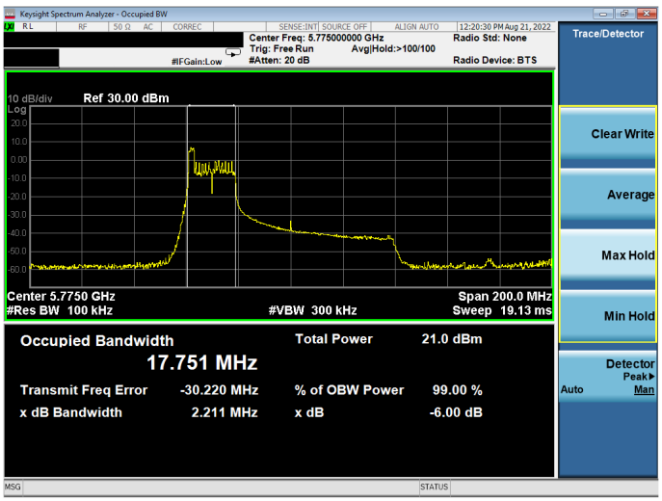


Plot 7-98. 6dB BW & 99% OBW Antenna WF5b (80MHz BW 11ax Index 18 – RU26 – Ch.155)

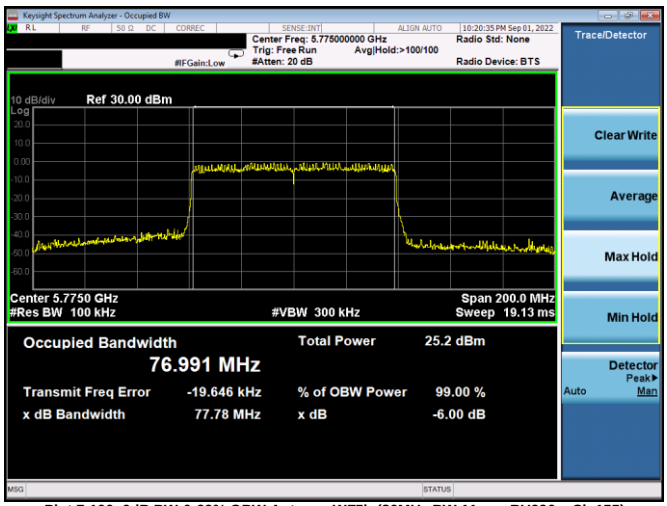
Plot 7-96. 6dB BW & 99% OBW Antenna WF5b (40MHz BW 11ax – RU484 – Ch.151)



Plot 7-99. 6dB BW & 99% OBW Antenna WF5b (80MHz BW 11ax Index 36 – RU26 – Ch.155)



Plot 7-97. 6dB BW & 99% OBW Antenna WF5b (80MHz BW 11ax Index 0 – RU26 – Ch.155)



Plot 7-100. 6dB BW & 99% OBW Antenna WF5b (80MHz BW 11ax – RU996 – Ch.155)

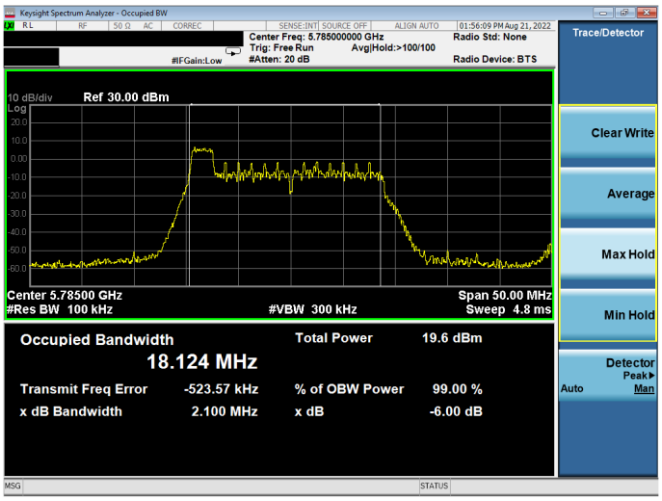
Antenna WF4a 6dB & 99% Bandwidth Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.15	2.14	0.50	Pass
				26	4	12.5/14.7 (MCS11)	17.25	2.68	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.31	2.10	0.50	Pass
	5785	157	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.12	2.10	0.50	Pass
				26	4	12.5/14.7 (MCS11)	17.29	2.71	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.33	2.12	0.50	Pass
	5825	165	ax (20MHz)	26	0	12.5/14.7 (MCS11)	18.11	2.09	0.50	Pass
				26	4	12.5/14.7 (MCS11)	18.33	2.11	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.33	2.14	0.50	Pass
	5755	151	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.95	2.17	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.84	2.13	0.50	Pass
				26	17	12.5/14.7 (MCS11)	17.96	2.14	0.50	Pass
	5795	159	ax (40MHz)	26	0	12.5/14.7 (MCS11)	17.98	2.17	0.50	Pass
				26	8	12.5/14.7 (MCS11)	18.79	2.08	0.50	Pass
				26	17	12.5/14.7 (MCS11)	17.95	2.17	0.50	Pass
	5775	155	ax (80MHz)	26	0	12.5/14.7 (MCS11)	17.83	2.27	0.50	Pass
				26	18	12.5/14.7 (MCS11)	36.69	2.86	0.50	Pass
				26	36	12.5/14.7 (MCS11)	18.02	2.21	0.50	Pass

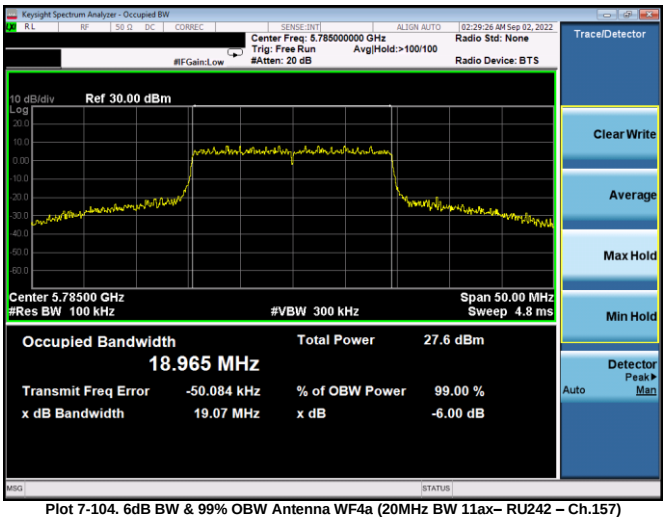
Table 7-10. Conducted Bandwidth Measurements Antenna WF4a (RU26)

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured 99% Occupied Bandwidth [MHz]	Measured 6dB Bandwidth [MHz]	Minimum 6dB Bandwidth [MHz]	Pass / Fail
Band 3	5745	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.02	19.16	0.50	Pass
	5785	157	ax (20MHz)	242	61	121.9/143.4 (MCS11)	18.97	19.07	0.50	Pass
	5825	165	ax (20MHz)	242	61	121.9/143.4 (MCS11)	19.02	19.08	0.50	Pass
	5755	151	ax (40MHz)	484	65	243.8/286.8 (MCS11)	37.90	38.15	0.50	Pass
	5795	159	ax (40MHz)	484	65	243.8/286.8 (MCS11)	38.10	38.20	0.50	Pass
	5775	155	ax (80MHz)	996	67	510.4/600.5 (MCS11)	76.96	77.85	0.50	Pass

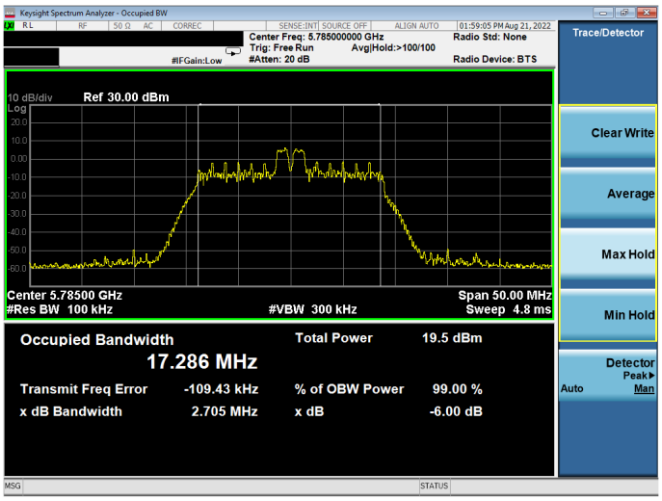
Table 7-11. Conducted Bandwidth Measurements Antenna WF4a (Fully-loaded RU)



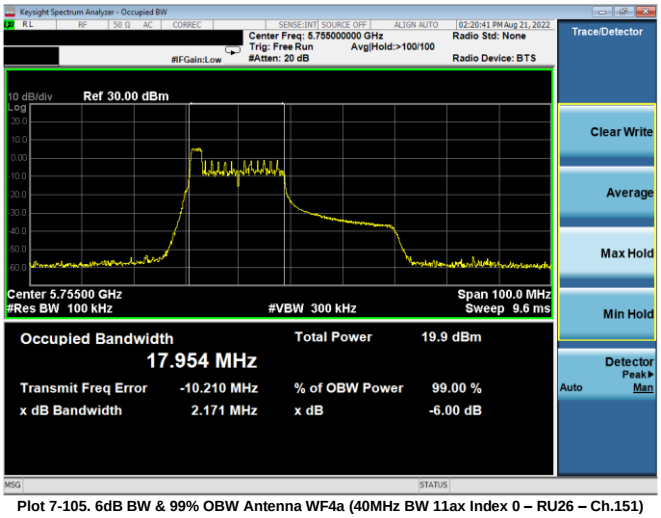
Plot 7-101. 6dB BW & 99% OBW Antenna WF4a (20MHz BW 11ax Index 0 – RU26 – Ch.157)



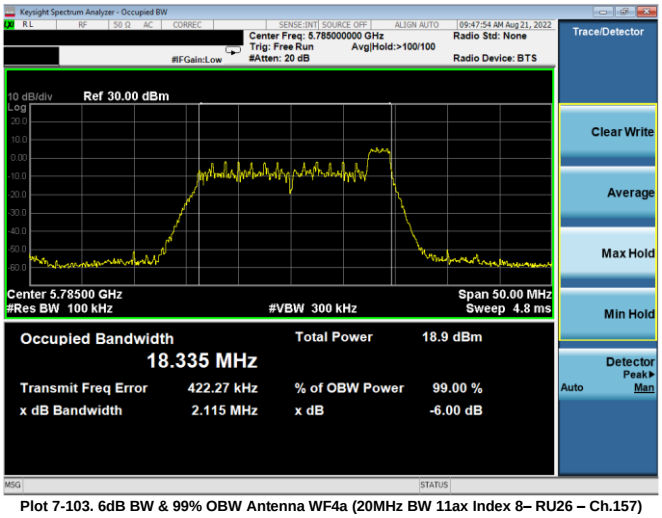
Plot 7-104. 6dB BW & 99% OBW Antenna WF4a (20MHz BW 11ax– RU242 – Ch.157)



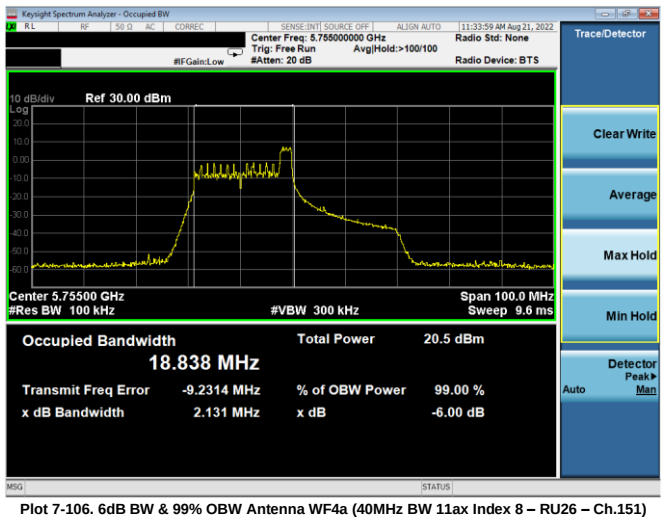
Plot 7-102. 6dB BW & 99% OBW Antenna WF4a (20MHz BW 11ax Index 4 – RU26 – Ch.157)



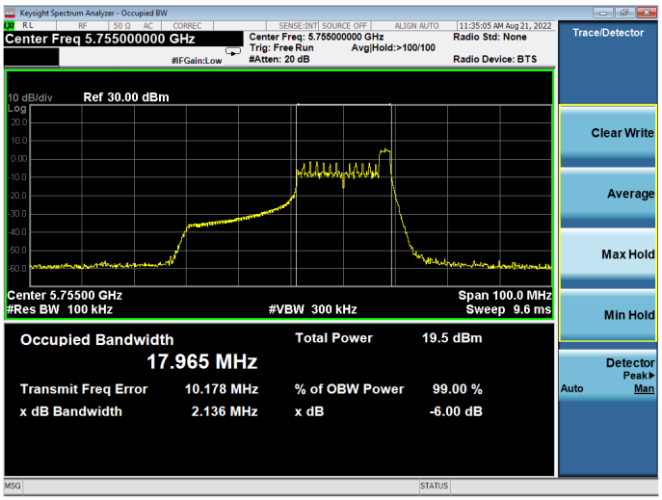
Plot 7-105. 6dB BW & 99% OBW Antenna WF4a (40MHz BW 11ax Index 0 – RU26 – Ch.151)



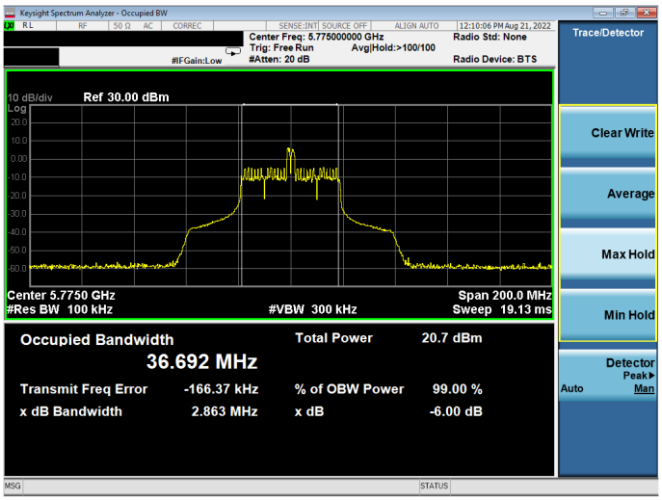
Plot 7-103. 6dB BW & 99% OBW Antenna WF4a (20MHz BW 11ax Index 8– RU26 – Ch.157)



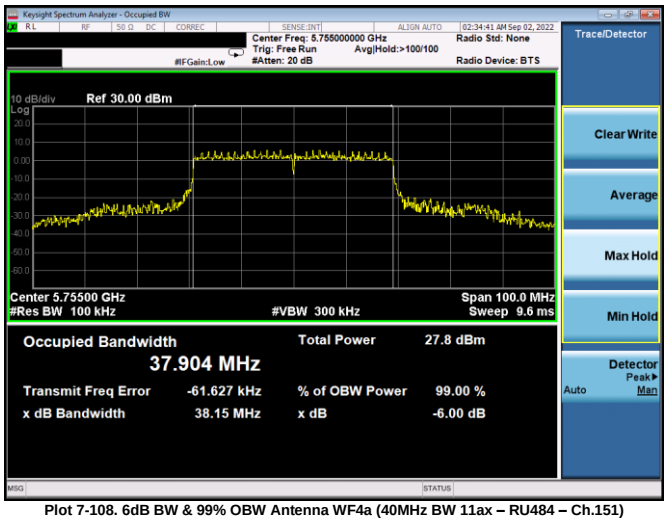
Plot 7-106. 6dB BW & 99% OBW Antenna WF4a (40MHz BW 11ax Index 8 – RU26 – Ch.151)



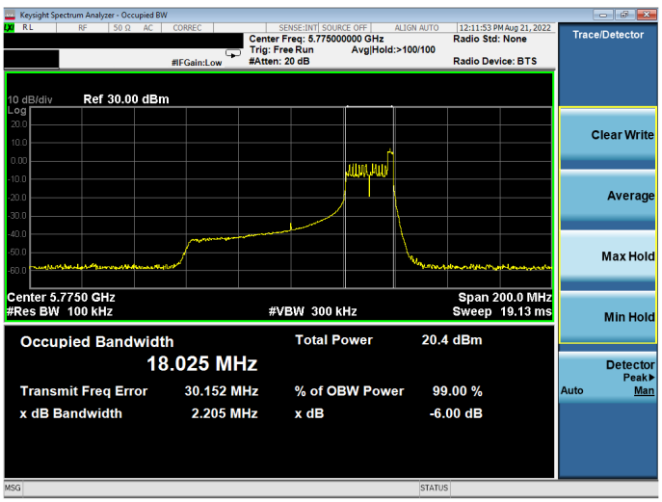
Plot 7-107. 6dB BW & 99% OBW Antenna WF4a (40MHz BW 11ax Index 17 – RU26 – Ch.151)



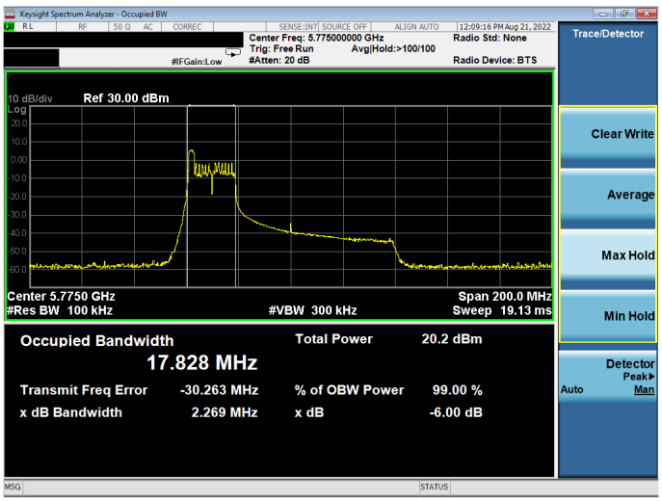
Plot 7-110. 6dB BW & 99% OBW Antenna WF4a (80MHz BW 11ax Index 18 – RU26 – Ch.155)



Plot 7-108. 6dB BW & 99% OBW Antenna WF4a (40MHz BW 11ax – RU484 – Ch.151)



Plot 7-111. 6dB BW & 99% OBW Antenna WF4a (80MHz BW 11ax Index 36 – RU26 – Ch.155)



Plot 7-109. 6dB BW & 99% OBW Antenna WF4a (80MHz BW 11ax Index 0 – RU26 – Ch.155)

Plot 7-112. 6dB BW & 99% OBW Antenna WF4a (80MHz BW 11ax – RU996 – Ch.155)

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

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

Test Overview and Limits

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

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

In the 5.25 – 5.35GHz band, the maximum permissible conducted output power is the lesser of 250mW (23.98dBm) or 11 dBm + 10$\log_{10}$(26dB BW) = 11 dBm + 10$\log_{10}$(19.82) = 23.97dBm. 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$\log_{10}$(19.20) = 23.83dBm. 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 – Subclause 12.3.3.2 Method PM-G
KDB 789033 D02 v02r01 – Section E)3)b) Method PM-G
ANSI C63.10-2013 – Subclause 14.2 Measure-and-Sum Technique
KDB 662911 v02r01 – Section E)1) Measure-and-Sum Technique

Test Settings

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

Test Setup

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

Figure 7-3. Test Instrument & Measurement Setup

Test Notes

1. Per RSS-247 Section 6.2.3, transmission on channels which overlap the 5600-5650 MHz is prohibited. This device operates under these frequencies only under the control of a certified master device and does not support active scanning on these channels. This device does not transmit any beacons or initiate any transmissions in UNII Bands 2A or 2C.
2. All RU's were investigated and RU 26, RU 52 and fully-loaded RU were reported.
3. Additionally, the highest power among partially-loaded RU's was reported.
4. The "-" shown in the following power tables are used to denote N/A.
5. For 802.11ax, the worst case data rate was found to be MCS11.

FCC Antenna WF5b Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	26	0	12.5/14.7 (MCS11)	10.21	23.98	-13.77
			AVG	26	4	12.5/14.7 (MCS11)	10.37	23.98	-13.61
			AVG	26	8	12.5/14.7 (MCS11)	10.31	23.98	-13.67
	5200	40	AVG	26	0	12.5/14.7 (MCS11)	10.31	23.98	-13.67
			AVG	26	4	12.5/14.7 (MCS11)	10.47	23.98	-13.51
			AVG	26	8	12.5/14.7 (MCS11)	10.32	23.98	-13.66
	5240	48	AVG	26	0	12.5/14.7 (MCS11)	10.38	23.98	-13.60
			AVG	26	4	12.5/14.7 (MCS11)	10.46	23.98	-13.52
			AVG	26	8	12.5/14.7 (MCS11)	10.36	23.98	-13.62
	5745	149	AVG	26	0	12.5/14.7 (MCS11)	10.25	30.00	-19.75
			AVG	26	4	12.5/14.7 (MCS11)	10.47	30.00	-19.53
			AVG	26	8	12.5/14.7 (MCS11)	10.36	30.00	-19.64
	5785	157	AVG	26	0	12.5/14.7 (MCS11)	10.34	30.00	-19.66
			AVG	26	4	12.5/14.7 (MCS11)	10.49	30.00	-19.51
			AVG	26	8	12.5/14.7 (MCS11)	10.30	30.00	-19.70
	5825	165	AVG	26	0	12.5/14.7 (MCS11)	10.30	30.00	-19.70
			AVG	26	4	12.5/14.7 (MCS11)	10.46	30.00	-19.54
			AVG	26	8	12.5/14.7 (MCS11)	10.38	30.00	-19.62

Table 7-12. FCC Antenna WF5b 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	26	0	12.5/14.7 (MCS11)	10.35	23.98	-13.63
			AVG	26	8	12.5/14.7 (MCS11)	10.40	23.98	-13.58
			AVG	26	17	12.5/14.7 (MCS11)	10.41	23.98	-13.57
	5230	46	AVG	26	0	12.5/14.7 (MCS11)	10.38	23.98	-13.60
			AVG	26	8	12.5/14.7 (MCS11)	10.29	23.98	-13.69
			AVG	26	17	12.5/14.7 (MCS11)	10.36	23.98	-13.62
	5755	151	AVG	26	0	12.5/14.7 (MCS11)	10.38	30.00	-19.62
			AVG	26	8	12.5/14.7 (MCS11)	10.47	30.00	-19.53
			AVG	26	17	12.5/14.7 (MCS11)	10.50	30.00	-19.50
	5795	159	AVG	26	0	12.5/14.7 (MCS11)	10.41	30.00	-19.59
			AVG	26	8	12.5/14.7 (MCS11)	10.45	30.00	-19.55
			AVG	26	17	12.5/14.7 (MCS11)	10.35	30.00	-19.65

Table 7-13. FCC Antenna WF5b 40MHz BW (UNII) Maximum Conducted Output Power (RU26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	26	0	12.5/14.7 (MCS11)	10.29	23.98	-13.69
			AVG	26	18	12.5/14.7 (MCS11)	10.25	23.98	-13.73
			AVG	26	36	12.5/14.7 (MCS11)	10.33	23.98	-13.65
	5775	155	AVG	26	0	12.5/14.7 (MCS11)	10.20	30.00	-19.80
			AVG	26	18	12.5/14.7 (MCS11)	10.41	30.00	-19.59
			AVG	26	36	12.5/14.7 (MCS11)	9.99	30.00	-20.01

Table 7-14. FCC Antenna WF5b 80MHz BW (UNII) Maximum Conducted Output Power (RU26)

ISED Antenna WF5b Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	26	0	12.5/14.7 (MCS11)	7.19	-	-	3.70	10.89	22.69	-11.80
			AVG	26	4	12.5/14.7 (MCS11)	6.95	-	-	3.70	10.65	22.69	-12.05
			AVG	26	8	12.5/14.7 (MCS11)	6.96	-	-	3.70	10.66	22.69	-12.03
	5200	40	AVG	26	0	12.5/14.7 (MCS11)	7.13	-	-	3.70	10.83	22.69	-11.86
			AVG	26	4	12.5/14.7 (MCS11)	7.04	-	-	3.70	10.74	22.69	-11.95
			AVG	26	8	12.5/14.7 (MCS11)	7.11	-	-	3.70	10.81	22.69	-11.89
	5240	48	AVG	26	0	12.5/14.7 (MCS11)	6.92	-	-	3.70	10.62	22.69	-12.07
			AVG	26	4	12.5/14.7 (MCS11)	7.06	-	-	3.70	10.76	22.69	-11.94
			AVG	26	8	12.5/14.7 (MCS11)	6.99	-	-	3.70	10.69	22.69	-12.01
	5745	149	AVG	26	0	12.5/14.7 (MCS11)	10.25	30.00	-19.75	4.00	14.25	-	-
			AVG	26	4	12.5/14.7 (MCS11)	10.47	30.00	-19.53	4.00	14.47	-	-
			AVG	26	8	12.5/14.7 (MCS11)	10.36	30.00	-19.64	4.00	14.36	-	-
	5785	157	AVG	26	0	12.5/14.7 (MCS11)	10.34	30.00	-19.66	4.00	14.34	-	-
			AVG	26	4	12.5/14.7 (MCS11)	10.49	30.00	-19.51	4.00	14.49	-	-
			AVG	26	8	12.5/14.7 (MCS11)	10.30	30.00	-19.70	4.00	14.30	-	-
	5825	165	AVG	26	0	12.5/14.7 (MCS11)	10.30	30.00	-19.70	4.00	14.30	-	-
			AVG	26	4	12.5/14.7 (MCS11)	10.46	30.00	-19.54	4.00	14.46	-	-
			AVG	26	8	12.5/14.7 (MCS11)	10.38	30.00	-19.62	4.00	14.38	-	-

Table 7-15. ISED Antenna WF5b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	26	0	12.5/14.7 (MCS11)	6.90	-	-	3.70	10.60	22.69	-12.10
			AVG	26	8	12.5/14.7 (MCS11)	7.17	-	-	3.70	10.87	22.69	-11.82
			AVG	26	17	12.5/14.7 (MCS11)	7.04	-	-	3.70	10.74	22.69	-11.96
	5230	46	AVG	26	0	12.5/14.7 (MCS11)	7.07	-	-	3.70	10.77	22.69	-11.92
			AVG	26	8	12.5/14.7 (MCS11)	7.08	-	-	3.70	10.78	22.69	-11.91
			AVG	26	17	12.5/14.7 (MCS11)	7.00	-	-	3.70	10.70	22.69	-11.99
	5755	151	AVG	26	0	12.5/14.7 (MCS11)	10.38	30.00	-19.62	4.00	14.38	-	-
			AVG	26	8	12.5/14.7 (MCS11)	10.47	30.00	-19.53	4.00	14.47	-	-
			AVG	26	17	12.5/14.7 (MCS11)	10.50	30.00	-19.50	4.00	14.50	-	-
	5795	159	AVG	26	0	12.5/14.7 (MCS11)	10.41	30.00	-19.59	4.00	14.41	-	-
			AVG	26	8	12.5/14.7 (MCS11)	10.45	30.00	-19.55	4.00	14.45	-	-
			AVG	26	17	12.5/14.7 (MCS11)	10.35	30.00	-19.65	4.00	14.35	-	-

Table 7-16. ISED Antenna WF5b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	26	0	12.5/14.7 (MCS11)	7.02	-	-	3.70	10.72	22.69	-11.97
			AVG	26	18	12.5/14.7 (MCS11)	7.13	-	-	3.70	10.83	22.69	-11.87
			AVG	26	36	12.5/14.7 (MCS11)	6.94	-	-	3.70	10.64	22.69	-12.05
	5775	155	AVG	26	0	12.5/14.7 (MCS11)	10.20	30.00	-19.80	4.00	14.20	-	-
			AVG	26	18	12.5/14.7 (MCS11)	10.41	30.00	-19.59	4.00	14.41	-	-
			AVG	26	36	12.5/14.7 (MCS11)	9.99	30.00	-20.01	4.00	13.99	-	-

Table 7-17. ISED Antenna WF5b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

FCC Antenna WF5b Conducted Output Power Measurements (RU52)

	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
5GHz (20MHz Bandwidth)	5260	52	AVG	52	37	25/29.4 (MCS11)	13.30	23.97	-10.67
			AVG	52	39	25/29.4 (MCS11)	13.48	23.97	-10.49
			AVG	52	40	25/29.4 (MCS11)	13.33	23.97	-10.64
	5300	60	AVG	52	37	25/29.4 (MCS11)	13.39	23.97	-10.58
			AVG	52	39	25/29.4 (MCS11)	13.43	23.97	-10.54
			AVG	52	40	25/29.4 (MCS11)	13.41	23.97	-10.56
	5320	64	AVG	52	37	25/29.4 (MCS11)	13.28	23.97	-10.69
			AVG	52	39	25/29.4 (MCS11)	13.36	23.97	-10.61
			AVG	52	40	25/29.4 (MCS11)	13.25	23.97	-10.72
	5500	100	AVG	52	37	25/29.4 (MCS11)	13.21	23.83	-10.62
			AVG	52	39	25/29.4 (MCS11)	13.41	23.83	-10.42
			AVG	52	40	25/29.4 (MCS11)	13.25	23.83	-10.58
	5580	116	AVG	52	37	25/29.4 (MCS11)	13.47	23.83	-10.36
			AVG	52	39	25/29.4 (MCS11)	13.41	23.83	-10.42
			AVG	52	40	25/29.4 (MCS11)	13.25	23.83	-10.58
	5680	136	AVG	52	37	25/29.4 (MCS11)	13.30	23.83	-10.53
			AVG	52	39	25/29.4 (MCS11)	13.44	23.83	-10.39
			AVG	52	40	25/29.4 (MCS11)	13.37	23.83	-10.46
	5700	140	AVG	52	37	25/29.4 (MCS11)	9.78	23.83	-14.05
			AVG	52	39	25/29.4 (MCS11)	9.94	23.83	-13.89
			AVG	52	40	25/29.4 (MCS11)	9.74	23.83	-14.09
	5720	144	AVG	52	37	25/29.4 (MCS11)	13.32	23.83	-10.51
			AVG	52	39	25/29.4 (MCS11)	13.44	23.83	-10.39
			AVG	52	40	25/29.4 (MCS11)	13.21	23.83	-10.62

Table 7-18. FCC Antenna WF5b 20MHz BW (UNII) Maximum Conducted Output Power (RU52)

	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
5GHz (40MHz Bandwidth)	5270	54	AVG	52	37	25/29.4 (MCS11)	13.41	23.97	-10.56
			AVG	52	40	25/29.4 (MCS11)	13.39	23.97	-10.58
			AVG	52	44	25/29.4 (MCS11)	12.99	23.97	-10.98
	5310	62	AVG	52	37	25/29.4 (MCS11)	13.15	23.97	-10.82
			AVG	52	40	25/29.4 (MCS11)	13.41	23.97	-10.56
			AVG	52	44	25/29.4 (MCS11)	13.22	23.97	-10.75
	5510	102	AVG	52	37	25/29.4 (MCS11)	11.28	23.83	-12.55
			AVG	52	40	25/29.4 (MCS11)	11.35	23.83	-12.48
			AVG	52	44	25/29.4 (MCS11)	11.18	23.83	-12.65
	5550	110	AVG	52	37	25/29.4 (MCS11)	13.32	23.83	-10.51
			AVG	52	40	25/29.4 (MCS11)	13.49	23.83	-10.34
			AVG	52	44	25/29.4 (MCS11)	13.38	23.83	-10.45
	5590	118	AVG	52	37	25/29.4 (MCS11)	13.33	23.83	-10.50
			AVG	52	40	25/29.4 (MCS11)	13.33	23.83	-10.50
			AVG	52	44	25/29.4 (MCS11)	13.02	23.83	-10.81
	5710	142	AVG	52	37	25/29.4 (MCS11)	13.32	23.83	-10.51
			AVG	52	40	25/29.4 (MCS11)	13.41	23.83	-10.42
			AVG	52	44	25/29.4 (MCS11)	13.29	23.83	-10.54

Table 7-19. FCC Antenna WF5b 40MHz BW (UNII) Maximum Conducted Output Power (RU52)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5290	58	AVG	52	37	25/29.4 (MCS11)	12.55	23.97	-11.42
			AVG	52	44	25/29.4 (MCS11)	12.92	23.97	-11.05
			AVG	52	52	25/29.4 (MCS11)	12.65	23.97	-11.32
	5530	106	AVG	52	37	25/29.4 (MCS11)	11.20	23.83	-12.63
			AVG	52	44	25/29.4 (MCS11)	11.45	23.83	-12.38
			AVG	52	52	25/29.4 (MCS11)	11.42	23.83	-12.41
	5610	122	AVG	52	37	25/29.4 (MCS11)	13.21	23.83	-10.62
			AVG	52	44	25/29.4 (MCS11)	13.40	23.83	-10.43
			AVG	52	52	25/29.4 (MCS11)	13.21	23.83	-10.62
	5690	138	AVG	52	37	25/29.4 (MCS11)	13.04	23.83	-10.79
			AVG	52	44	25/29.4 (MCS11)	13.49	23.83	-10.34
			AVG	52	52	25/29.4 (MCS11)	13.31	23.83	-10.52

Table 7-20. FCC Antenna WF5b 80MHz BW (UNII) Maximum Conducted Output Power (RU52)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50 (L)	AVG	52	37	25/29.4 (MCS11)	7.91	23.98	-16.07
			AVG	52	52	25/29.4 (MCS11)	7.98	23.98	-16.00
		50(U)	AVG	52	52	25/29.4 (MCS11)	7.83	23.98	-16.15
	5570	114 (L)	AVG	52	37	25/29.4 (MCS11)	6.31	23.83	-17.52
			AVG	52	52	25/29.4 (MCS11)	6.25	23.83	-17.59
		114 (U)	AVG	52	52	25/29.4 (MCS11)	6.39	23.83	-17.45

Table 7-21. FCC Antenna WF5b 160MHz BW (UNII) Maximum Conducted Output Power (RU52)

ISED Antenna WF5b Conducted Output Power Measurements (RU52)

	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
5GHz (20MHz Bandwidth)	5260	52	AVG	52	37	25/29.4 (MCS11)	13.30	23.97	-10.67	3.60	16.90	29.97	-13.07
			AVG	52	39	25/29.4 (MCS11)	13.48	23.97	-10.49	3.60	17.08	29.97	-12.89
			AVG	52	40	25/29.4 (MCS11)	13.33	23.97	-10.64	3.60	16.93	29.97	-13.04
	5300	60	AVG	52	37	25/29.4 (MCS11)	13.39	23.97	-10.58	3.60	16.99	29.97	-12.98
			AVG	52	39	25/29.4 (MCS11)	13.43	23.97	-10.54	3.60	17.03	29.97	-12.94
			AVG	52	40	25/29.4 (MCS11)	13.41	23.97	-10.56	3.60	17.01	29.97	-12.96
	5320	64	AVG	52	37	25/29.4 (MCS11)	13.28	23.97	-10.69	3.60	16.88	29.97	-13.09
			AVG	52	39	25/29.4 (MCS11)	13.36	23.97	-10.61	3.60	16.96	29.97	-13.01
			AVG	52	40	25/29.4 (MCS11)	13.25	23.97	-10.72	3.60	16.85	29.97	-13.12
	5500	100	AVG	52	37	25/29.4 (MCS11)	13.21	23.83	-10.62	3.50	16.71	29.83	-13.12
			AVG	52	39	25/29.4 (MCS11)	13.41	23.83	-10.42	3.50	16.91	29.83	-12.92
			AVG	52	40	25/29.4 (MCS11)	13.25	23.83	-10.58	3.50	16.75	29.83	-13.08
	5580	116	AVG	52	37	25/29.4 (MCS11)	13.47	23.83	-10.36	3.50	16.97	29.83	-12.86
			AVG	52	39	25/29.4 (MCS11)	13.41	23.83	-10.42	3.50	16.91	29.83	-12.92
			AVG	52	40	25/29.4 (MCS11)	13.25	23.83	-10.58	3.50	16.75	29.83	-13.08
	5680	136	AVG	52	37	25/29.4 (MCS11)	13.30	23.83	-10.53	3.50	16.80	29.83	-13.03
			AVG	52	39	25/29.4 (MCS11)	13.44	23.83	-10.39	3.50	16.94	29.83	-12.89
			AVG	52	40	25/29.4 (MCS11)	13.37	23.83	-10.46	3.50	16.87	29.83	-12.96
	5700	140	AVG	52	37	25/29.4 (MCS11)	9.78	23.83	-14.05	3.50	13.28	29.83	-16.55
			AVG	52	39	25/29.4 (MCS11)	9.94	23.83	-13.89	3.50	13.44	29.83	-16.39
			AVG	52	40	25/29.4 (MCS11)	9.74	23.83	-14.09	3.50	13.24	29.83	-16.59
	5720	144	AVG	52	37	25/29.4 (MCS11)	13.32	23.83	-10.51	3.50	16.82	29.83	-13.01
			AVG	52	39	25/29.4 (MCS11)	13.44	23.83	-10.39	3.50	16.94	29.83	-12.89
			AVG	52	40	25/29.4 (MCS11)	13.21	23.83	-10.62	3.50	16.71	29.83	-13.12

Table 7-22. ISED Antenna WF5b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU52)

	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
5GHz (40MHz Bandwidth)	5270	54	AVG	52	37	25/29.4 (MCS11)	13.41	23.97	-10.56	3.60	17.01	29.97	-12.96
			AVG	52	40	25/29.4 (MCS11)	13.39	23.97	-10.58	3.60	16.99	29.97	-12.98
			AVG	52	44	25/29.4 (MCS11)	12.99	23.97	-10.98	3.60	16.59	29.97	-13.38
	5310	62	AVG	52	37	25/29.4 (MCS11)	13.15	23.97	-10.82	3.60	16.75	29.97	-13.22
			AVG	52	40	25/29.4 (MCS11)	13.41	23.97	-10.56	3.60	17.01	29.97	-12.96
			AVG	52	44	25/29.4 (MCS11)	13.22	23.97	-10.75	3.60	16.82	29.97	-13.15
	5510	102	AVG	52	37	25/29.4 (MCS11)	11.28	23.83	-12.55	3.50	14.78	29.83	-15.05
			AVG	52	40	25/29.4 (MCS11)	11.35	23.83	-12.48	3.50	14.85	29.83	-14.98
			AVG	52	44	25/29.4 (MCS11)	11.18	23.83	-12.65	3.50	14.68	29.83	-15.15
	5550	110	AVG	52	37	25/29.4 (MCS11)	13.32	23.83	-10.51	3.50	16.82	29.83	-13.01
			AVG	52	40	25/29.4 (MCS11)	13.49	23.83	-10.34	3.50	16.99	29.83	-12.84
			AVG	52	44	25/29.4 (MCS11)	13.38	23.83	-10.45	3.50	16.88	29.83	-12.95
	5710	142	AVG	52	37	25/29.4 (MCS11)	13.32	23.83	-10.51	3.50	16.82	29.83	-13.01
			AVG	52	40	25/29.4 (MCS11)	13.41	23.83	-10.42	3.50	16.91	29.83	-12.92
			AVG	52	44	25/29.4 (MCS11)	13.29	23.83	-10.54	3.50	16.79	29.83	-13.04

Table 7-23. ISED Antenna WF5b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU52)

	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
5GHz (80MHz Bandwidth)	5290	58	AVG	52	37	25/29.4 (MCS11)	12.55	23.97	-11.42	3.60	16.15	29.97	-13.82
			AVG	52	44	25/29.4 (MCS11)	12.92	23.97	-11.05	3.60	16.52	29.97	-13.45
			AVG	52	52	25/29.4 (MCS11)	12.65	23.97	-11.32	3.60	16.25	29.97	-13.72
	5530	106	AVG	52	37	25/29.4 (MCS11)	11.20	23.83	-12.63	3.50	14.70	29.83	-15.13
			AVG	52	44	25/29.4 (MCS11)	11.45	23.83	-12.38	3.50	14.95	29.83	-14.88
			AVG	52	52	25/29.4 (MCS11)	11.42	23.83	-12.41	3.50	14.92	29.83	-14.91
	5690	138	AVG	52	37	25/29.4 (MCS11)	13.04	23.83	-10.79	3.50	16.54	29.83	-13.29
			AVG	52	44	25/29.4 (MCS11)	13.49	23.83	-10.34	3.50	16.99	29.83	-12.84
			AVG	52	52	25/29.4 (MCS11)	13.31	23.83	-10.52	3.50	16.81	29.83	-13.02

Table 7-24. ISED Antenna WF5b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU52)

	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
5GHz (160MHz Bandwidth)	5250	50 (L)	AVG	52	37	25/29.4 (MCS11)	7.91	-	-	3.70	11.61	22.69	-11.08
			AVG	52	52	25/29.4 (MCS11)	7.98	-	-	3.70	11.68	22.69	-11.01
		50(U)	AVG	52	52	25/29.4 (MCS11)	7.83	-	-	3.70	11.53	22.69	-11.16

Table 7-25. ISED Antenna WF5b 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU52)

FCC Antenna WF5b Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
5GHz (20MHz Bandwidth)	5180	36	AVG	106	53	53.1/62.5 (MCS11)	15.42	23.98	-8.56
			AVG	106	54	53.1/62.5 (MCS11)	15.41	23.98	-8.57
	5200	40	AVG	106	53	53.1/62.5 (MCS11)	16.32	23.98	-7.66
			AVG	106	54	53.1/62.5 (MCS11)	16.33	23.98	-7.65
	5240	48	AVG	106	53	53.1/62.5 (MCS11)	16.33	23.98	-7.65
			AVG	106	54	53.1/62.5 (MCS11)	16.35	23.98	-7.63
	5260	52	AVG	106	53	53.1/62.5 (MCS11)	16.36	23.97	-7.61
			AVG	106	54	53.1/62.5 (MCS11)	16.35	23.97	-7.62
	5300	60	AVG	106	53	53.1/62.5 (MCS11)	16.36	23.97	-7.61
			AVG	106	54	53.1/62.5 (MCS11)	16.35	23.97	-7.62
	5320	64	AVG	106	53	53.1/62.5 (MCS11)	16.34	23.97	-7.63
			AVG	106	54	53.1/62.5 (MCS11)	16.39	23.97	-7.58
	5500	100	AVG	106	53	53.1/62.5 (MCS11)	14.91	23.83	-8.92
			AVG	106	54	53.1/62.5 (MCS11)	14.88	23.83	-8.95
	5520	104	AVG	106	53	53.1/62.5 (MCS11)	16.36	23.83	-7.47
			AVG	106	54	53.1/62.5 (MCS11)	16.39	23.83	-7.44
	5580	116	AVG	106	53	53.1/62.5 (MCS11)	16.37	23.83	-7.46
			AVG	106	54	53.1/62.5 (MCS11)	16.39	23.83	-7.44
	5680	136	AVG	106	53	53.1/62.5 (MCS11)	16.37	23.83	-7.46
			AVG	106	54	53.1/62.5 (MCS11)	16.35	23.83	-7.48
	5700	140	AVG	106	53	53.1/62.5 (MCS11)	13.11	23.83	-10.72
			AVG	106	54	53.1/62.5 (MCS11)	13.09	23.83	-10.74
	5720	144	AVG	106	53	53.1/62.5 (MCS11)	16.37	23.83	-7.46
			AVG	106	54	53.1/62.5 (MCS11)	16.40	23.83	-7.43
	5745	149	AVG	106	53	53.1/62.5 (MCS11)	16.36	30.00	-13.64
			AVG	106	54	53.1/62.5 (MCS11)	16.35	30.00	-13.65
	5785	157	AVG	106	53	53.1/62.5 (MCS11)	16.38	30.00	-13.62
			AVG	106	54	53.1/62.5 (MCS11)	16.38	30.00	-13.62
	5825	165	AVG	106	53	53.1/62.5 (MCS11)	16.35	30.00	-13.65
			AVG	106	54	53.1/62.5 (MCS11)	16.40	30.00	-13.60

Table 7-26. FCC Antenna WF5b 20MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	242	61	121.9/143.4 (MCS11)	12.37	23.98	-11.61
			AVG	242	62	121.9/143.4 (MCS11)	12.50	23.98	-11.48
	5230	46	AVG	242	61	121.9/143.4 (MCS11)	18.45	23.98	-5.53
			AVG	242	62	121.9/143.4 (MCS11)	18.48	23.98	-5.50
	5270	54	AVG	242	61	121.9/143.4 (MCS11)	18.99	23.97	-4.98
			AVG	242	62	121.9/143.4 (MCS11)	18.98	23.97	-4.99
	5310	62	AVG	242	61	121.9/143.4 (MCS11)	13.50	23.97	-10.47
			AVG	242	62	121.9/143.4 (MCS11)	13.43	23.97	-10.54
	5510	102	AVG	242	61	121.9/143.4 (MCS11)	11.30	23.83	-12.53
			AVG	242	62	121.9/143.4 (MCS11)	11.41	23.83	-12.42
	5550	110	AVG	242	61	121.9/143.4 (MCS11)	17.94	23.83	-5.89
			AVG	242	62	121.9/143.4 (MCS11)	18.00	23.83	-5.83
	5590	118	AVG	242	61	121.9/143.4 (MCS11)	18.93	23.83	-4.90
			AVG	242	62	121.9/143.4 (MCS11)	19.00	23.83	-4.83
	5630	126	AVG	242	61	121.9/143.4 (MCS11)	18.35	23.83	-5.48
			AVG	242	62	121.9/143.4 (MCS11)	18.50	23.83	-5.33
	5670	134	AVG	242	61	121.9/143.4 (MCS11)	14.98	23.83	-8.85
			AVG	242	62	121.9/143.4 (MCS11)	14.84	23.83	-8.99
	5710	142	AVG	106	53	53.1/62.5 (MCS11)	16.50	23.83	-7.33
			AVG	106	54	53.1/62.5 (MCS11)	16.50	23.83	-7.33
			AVG	106	56	53.1/62.5 (MCS11)	16.34	23.83	-7.49
	5755	151	AVG	242	61	121.9/143.4 (MCS11)	19.42	30.00	-10.58
			AVG	242	62	121.9/143.4 (MCS11)	19.40	30.00	-10.60
	5795	159	AVG	242	61	121.9/143.4 (MCS11)	19.39	30.00	-10.61
			AVG	242	62	121.9/143.4 (MCS11)	19.28	30.00	-10.72

Table 7-27. FCC Antenna WF5b 40MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	484	65	243.8/286.8 (MCS11)	11.20	23.98	-12.78
			AVG	484	66	243.8/286.8 (MCS11)	11.30	23.98	-12.68
	5290	58	AVG	484	65	243.8/286.8 (MCS11)	12.93	23.97	-11.04
			AVG	484	66	243.8/286.8 (MCS11)	12.92	23.97	-11.05
	5530	106	AVG	484	65	243.8/286.8 (MCS11)	11.21	23.83	-12.62
			AVG	484	66	243.8/286.8 (MCS11)	11.46	23.83	-12.37
	5610	122	AVG	484	65	243.8/286.8 (MCS11)	15.34	23.83	-8.49
			AVG	484	66	243.8/286.8 (MCS11)	15.43	23.83	-8.40
	5690	138	AVG	106	53	53.1/62.5 (MCS11)	16.50	23.83	-7.33
			AVG	106	56	53.1/62.5 (MCS11)	16.50	23.83	-7.33
			AVG	106	60	53.1/62.5 (MCS11)	16.40	23.83	-7.43
	5775	155	AVG	484	65	243.8/286.8 (MCS11)	15.86	30.00	-14.14
			AVG	484	66	243.8/286.8 (MCS11)	16.00	30.00	-14.00

Table 7-28. FCC Antenna WF5b 80MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50 (L)	AVG	996	67	510.4/600.5 (MCS11)	7.84	23.98	-16.14
	5250	50 (U)	AVG	996	67	510.4/600.5 (MCS11)	7.81	23.98	-16.17
	5570	114 (L)	AVG	996	67	510.4/600.5 (MCS11)	6.37	23.83	-17.47
	5570	114 (U)	AVG	996	67	510.4/600.5 (MCS11)	6.38	23.83	-17.45

Table 7-29. FCC Antenna WF5b 160MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

ISED Antenna WF5b Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	106	53	53.1/62.5 (MCS11)	12.88	-	-	3.70	16.58	22.69	-6.11
			AVG	106	54	53.1/62.5 (MCS11)	13.03	-	-	3.70	16.73	22.69	-5.96
	5200	40	AVG	106	53	53.1/62.5 (MCS11)	12.90	-	-	3.70	16.60	22.69	-6.10
			AVG	106	54	53.1/62.5 (MCS11)	12.94	-	-	3.70	16.64	22.69	-6.06
	5240	48	AVG	106	53	53.1/62.5 (MCS11)	13.22	-	-	3.70	16.92	22.69	-5.77
			AVG	106	54	53.1/62.5 (MCS11)	13.11	-	-	3.70	16.81	22.69	-5.88
	5260	52	AVG	106	53	53.1/62.5 (MCS11)	16.36	23.97	-7.61	3.60	19.96	29.97	-10.01
			AVG	106	54	53.1/62.5 (MCS11)	16.35	23.97	-7.62	3.60	19.95	29.97	-10.02
	5300	60	AVG	106	53	53.1/62.5 (MCS11)	16.36	23.97	-7.61	3.60	19.96	29.97	-10.01
			AVG	106	54	53.1/62.5 (MCS11)	16.35	23.97	-7.62	3.60	19.95	29.97	-10.02
	5320	64	AVG	106	53	53.1/62.5 (MCS11)	16.34	23.97	-7.63	3.60	19.94	29.97	-10.03
			AVG	106	54	53.1/62.5 (MCS11)	16.39	23.97	-7.58	3.60	19.99	29.97	-9.98
	5500	100	AVG	106	53	53.1/62.5 (MCS11)	14.91	23.83	-8.92	3.50	18.41	29.83	-11.42
			AVG	106	54	53.1/62.5 (MCS11)	14.88	23.83	-8.95	3.50	18.38	29.83	-11.45
	5520	104	AVG	106	53	53.1/62.5 (MCS11)	16.36	23.83	-7.47	3.50	19.86	29.83	-9.97
			AVG	106	54	53.1/62.5 (MCS11)	16.39	23.83	-7.44	3.50	19.89	29.83	-9.94
	5580	116	AVG	106	53	53.1/62.5 (MCS11)	16.37	23.83	-7.46	3.50	19.87	29.83	-9.96
			AVG	106	54	53.1/62.5 (MCS11)	16.39	23.83	-7.44	3.50	19.89	29.83	-9.94
	5680	136	AVG	106	53	53.1/62.5 (MCS11)	16.37	23.83	-7.46	3.50	19.87	29.83	-9.96
			AVG	106	54	53.1/62.5 (MCS11)	16.35	23.83	-7.48	3.50	19.85	29.83	-9.98
	5700	140	AVG	106	53	53.1/62.5 (MCS11)	13.11	23.83	-10.72	3.50	16.61	29.83	-13.22
			AVG	106	54	53.1/62.5 (MCS11)	13.09	23.83	-10.74	3.50	16.59	29.83	-13.24
	5720	144	AVG	106	53	53.1/62.5 (MCS11)	16.37	23.83	-7.46	3.50	19.87	29.83	-9.96
			AVG	106	54	53.1/62.5 (MCS11)	16.40	23.83	-7.43	3.50	19.90	29.83	-9.93
	5745	149	AVG	106	53	53.1/62.5 (MCS11)	16.36	30.00	-13.64	4.00	20.36	-	-
			AVG	106	54	53.1/62.5 (MCS11)	16.35	30.00	-13.65	4.00	20.35	-	-
	5785	157	AVG	106	53	53.1/62.5 (MCS11)	16.38	30.00	-13.62	4.00	20.38	-	-
			AVG	106	54	53.1/62.5 (MCS11)	16.38	30.00	-13.62	4.00	20.38	-	-
	5825	165	AVG	106	53	53.1/62.5 (MCS11)	16.35	30.00	-13.65	4.00	20.35	-	-
			AVG	106	54	53.1/62.5 (MCS11)	16.40	30.00	-13.60	4.00	20.40	-	-

Table 7-30. ISED Antenna WF5b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	242	61	121.9/143.4 (MCS11)	12.27	-	-	3.70	15.97	22.69	-6.72
			AVG	242	62	121.9/143.4 (MCS11)	12.50	-	-	3.70	16.20	22.69	-6.49
	5230	46	AVG	242	61	121.9/143.4 (MCS11)	15.20	-	-	3.70	18.90	22.69	-3.79
			AVG	242	62	121.9/143.4 (MCS11)	15.25	-	-	3.70	18.95	22.69	-3.74
	5270	54	AVG	242	61	121.9/143.4 (MCS11)	18.99	23.97	-4.98	3.60	22.59	29.97	-7.38
			AVG	242	62	121.9/143.4 (MCS11)	18.98	23.97	-4.99	3.60	22.58	29.97	-7.39
	5310	62	AVG	242	61	121.9/143.4 (MCS11)	13.50	23.97	-10.47	3.60	17.10	29.97	-12.87
			AVG	242	62	121.9/143.4 (MCS11)	13.43	23.97	-10.54	3.60	17.03	29.97	-12.94
	5510	102	AVG	242	61	121.9/143.4 (MCS11)	11.30	23.83	-12.53	3.50	14.80	29.83	-15.03
			AVG	242	62	121.9/143.4 (MCS11)	11.41	23.83	-12.42	3.50	14.91	29.83	-14.92
	5550	110	AVG	242	61	121.9/143.4 (MCS11)	17.94	23.83	-5.89	3.50	21.44	29.83	-8.39
			AVG	242	62	121.9/143.4 (MCS11)	18.00	23.83	-5.83	3.50	21.50	29.83	-8.33
	5670	134	AVG	242	61	121.9/143.4 (MCS11)	14.98	23.83	-8.85	3.50	18.48	29.83	-11.35
			AVG	242	62	121.9/143.4 (MCS11)	14.84	23.83	-8.99	3.50	18.34	29.83	-11.49
	5710	142	AVG	106	53	53.1/62.5 (MCS11)	16.50	23.83	-7.33	3.50	20.00	29.83	-9.83
			AVG	106	54	53.1/62.5 (MCS11)	16.50	23.83	-7.33	3.50	20.00	29.83	-9.83
			AVG	106	56	53.1/62.5 (MCS11)	16.34	23.83	-7.49	3.50	19.84	29.83	-9.99
	5755	151	AVG	242	61	121.9/143.4 (MCS11)	19.40	30.00	-10.60	4.00	23.40	-	-
			AVG	242	62	121.9/143.4 (MCS11)	19.39	30.00	-10.61	4.00	23.39	-	-
	5795	159	AVG	242	61	121.9/143.4 (MCS11)	19.28	30.00	-10.72	4.00	23.28	-	-
			AVG	242	62	121.9/143.4 (MCS11)	19.28	30.00	-10.72	4.00	23.28	-	-

Table 7-31. ISED Antenna WF5b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	484	65	243.8/286.8 (MCS11)	11.30	-	-	3.70	15.00	22.69	-7.69
			AVG	484	66	243.8/286.8 (MCS11)	11.27	-	-	3.70	14.97	22.69	-7.73
	5290	58	AVG	484	65	243.8/286.8 (MCS11)	12.93	23.97	-11.04	3.60	16.53	29.97	-13.44
			AVG	484	66	243.8/286.8 (MCS11)	12.92	23.97	-11.05	3.60	16.52	29.97	-13.45
	5530	106	AVG	484	65	243.8/286.8 (MCS11)	11.21	23.83	-12.62	3.50	14.71	29.83	-15.12
			AVG	484	66	243.8/286.8 (MCS11)	11.46	23.83	-12.37	3.50	14.96	29.83	-14.87
	5690	138	AVG	106	53	53.1/62.5 (MCS11)	16.50	23.83	-7.33	3.50	20.00	29.83	-9.83
			AVG	106	56	53.1/62.5 (MCS11)	16.50	23.83	-7.33	3.50	20.00	29.83	-9.83
			AVG	106	60	53.1/62.5 (MCS11)	16.40	23.83	-7.43	3.50	19.90	29.83	-9.93
	5775	155	AVG	484	65	243.8/286.8 (MCS11)	16.00	30.00	-14.00	4.00	20.00	-	-
			AVG	484	66	243.8/286.8 (MCS11)	16.00	30.00	-14.00	4.00	20.00	-	-

Table 7-32. ISED Antenna WF5b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	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]
	5250	50 (L)	AVG	996	67	510.4/600.5 (MCS11)	7.84	-	-	3.70	11.54	22.69	-11.15
	5250	50 (U)	AVG	996	67	510.4/600.5 (MCS11)	7.81	-	-	3.70	11.51	22.69	-11.19

Table 7-33. ISED Antenna WF5b 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

FCC Antenna WF5b Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	242	61	121.9/143.4 (MCS11)	15.41	23.98	-8.57
	5200	40	AVG	242	61	121.9/143.4 (MCS11)	19.00	23.98	-4.98
	5220	44	AVG	242	61	121.9/143.4 (MCS11)	19.40	23.98	-4.58
	5240	48	AVG	242	61	121.9/143.4 (MCS11)	19.48	23.98	-4.50
	5260	52	AVG	242	61	121.9/143.4 (MCS11)	19.50	23.97	-4.47
	5280	56	AVG	242	61	121.9/143.4 (MCS11)	19.49	23.97	-4.48
	5300	60	AVG	242	61	121.9/143.4 (MCS11)	18.93	23.97	-5.04
	5320	64	AVG	242	61	121.9/143.4 (MCS11)	16.79	23.97	-7.18
	5500	100	AVG	242	61	121.9/143.4 (MCS11)	14.99	23.83	-8.84
	5520	104	AVG	242	61	121.9/143.4 (MCS11)	17.36	23.83	-6.47
	5580	116	AVG	242	61	121.9/143.4 (MCS11)	19.37	23.83	-4.46
	5640	128	AVG	242	61	121.9/143.4 (MCS11)	19.36	23.83	-4.47
	5680	136	AVG	242	61	121.9/143.4 (MCS11)	17.49	23.83	-6.34
	5700	140	AVG	242	61	121.9/143.4 (MCS11)	13.17	23.83	-10.66
	5720	144	AVG	242	61	121.9/143.4 (MCS11)	19.30	23.83	-4.53
	5745	149	AVG	242	61	121.9/143.4 (MCS11)	19.49	30.00	-10.51
	5785	157	AVG	242	61	121.9/143.4 (MCS11)	19.50	30.00	-10.50
	5825	165	AVG	242	61	121.9/143.4 (MCS11)	19.34	30.00	-10.66

Table 7-34. FCC Antenna WF5b 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	484	65	243.8/286.8 (MCS11)	12.30	23.98	-11.68
	5230	46	AVG	484	65	243.8/286.8 (MCS11)	18.50	23.98	-5.48
	5270	54	AVG	484	65	243.8/286.8 (MCS11)	19.00	23.97	-4.97
	5310	62	AVG	484	65	243.8/286.8 (MCS11)	13.45	23.97	-10.52
	5510	102	AVG	484	65	243.8/286.8 (MCS11)	11.41	23.83	-12.42
	5550	110	AVG	484	65	243.8/286.8 (MCS11)	17.98	23.83	-5.85
	5590	118	AVG	484	65	243.8/286.8 (MCS11)	18.96	23.83	-4.87
	5630	126	AVG	484	65	243.8/286.8 (MCS11)	18.30	23.83	-5.53
	5670	134	AVG	484	65	243.8/286.8 (MCS11)	14.89	23.83	-8.94
	5710	142	AVG	484	65	243.8/286.8 (MCS11)	19.43	23.83	-4.40
	5755	151	AVG	484	65	243.8/286.8 (MCS11)	19.39	30.00	-10.61
	5795	159	AVG	484	65	243.8/286.8 (MCS11)	19.39	30.00	-10.61

Table 7-35. FCC Antenna WF5b 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	996	67	510.4/600.5 (MCS11)	11.34	23.98	-12.64
	5290	58	AVG	996	67	510.4/600.5 (MCS11)	13.00	23.97	-10.97
	5530	106	AVG	996	67	510.4/600.5 (MCS11)	11.31	23.83	-12.52
	5610	122	AVG	996	67	510.4/600.5 (MCS11)	15.44	23.83	-8.39
	5690	138	AVG	996	67	510.4/600.5 (MCS11)	19.49	23.83	-4.34
	5775	155	AVG	996	67	510.4/600.5 (MCS11)	15.86	30.00	-14.14

Table 7-36. FCC Antenna WF5b 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (160MHz Bandwidt	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50	AVG	996x2	68	510.4/600.5 (MCS11)	7.91	23.98	-16.07
	5570	114	AVG	996x2	68	510.4/600.5 (MCS11)	6.40	23.83	-17.43

Table 7-37. FCC Antenna WF5b 160MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

ISED Antenna WF5b Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	242	61	121.9/143.4 (MCS11)	14.88	-	-	3.70	18.58	22.69	-4.11
	5200	40	AVG	242	61	121.9/143.4 (MCS11)	14.88	-	-	3.70	18.58	22.69	-4.11
	5240	48	AVG	242	61	121.9/143.4 (MCS11)	15.13	-	-	3.70	18.83	22.69	-3.86
	5260	52	AVG	242	61	121.9/143.4 (MCS11)	19.50	23.97	-4.47	3.60	23.10	29.97	-6.87
	5300	60	AVG	242	61	121.9/143.4 (MCS11)	18.93	23.97	-5.04	3.60	22.53	29.97	-7.44
	5320	64	AVG	242	61	121.9/143.4 (MCS11)	16.79	23.97	-7.18	3.60	20.39	29.97	-9.58
	5500	100	AVG	242	61	121.9/143.4 (MCS11)	14.99	23.83	-8.84	3.50	18.49	29.83	-11.34
	5520	104	AVG	242	61	121.9/143.4 (MCS11)	17.36	23.83	-6.47	3.50	20.86	29.83	-8.97
	5540	108	AVG	242	61	121.9/143.4 (MCS11)	18.95	23.83	-4.88	3.50	22.45	29.83	-7.38
	5560	112	AVG	242	61	121.9/143.4 (MCS11)	19.42	23.83	-4.41	3.50	22.92	29.83	-6.91
	5580	116	AVG	242	61	121.9/143.4 (MCS11)	19.37	23.83	-4.46	3.50	22.87	29.83	-6.96
	5660	132	AVG	242	61	121.9/143.4 (MCS11)	19.00	23.83	-4.83	3.50	22.50	29.83	-7.33
	5680	136	AVG	242	61	121.9/143.4 (MCS11)	17.49	23.83	-6.34	3.50	20.99	29.83	-8.84
	5700	140	AVG	242	61	121.9/143.4 (MCS11)	13.17	23.83	-10.66	3.50	16.67	29.83	-13.16
	5720	144	AVG	242	61	121.9/143.4 (MCS11)	19.30	23.83	-4.53	3.50	22.80	29.83	-7.03
	5745	149	AVG	242	61	121.9/143.4 (MCS11)	19.49	30.00	-10.51	4.00	23.49	-	-
	5785	157	AVG	242	61	121.9/143.4 (MCS11)	19.50	30.00	-10.50	4.00	23.50	-	-
	5825	165	AVG	242	61	121.9/143.4 (MCS11)	19.34	30.00	-10.66	4.00	23.34	-	-

Table 7-38. ISED Antenna WF5b 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	484	65	243.8/286.8 (MCS11)	12.42	-	-	3.70	16.12	22.69	-6.57
	5230	46	AVG	484	65	243.8/286.8 (MCS11)	17.47	-	-	3.70	21.17	22.69	-1.52
	5270	54	AVG	484	65	243.8/286.8 (MCS11)	19.00	23.97	-4.97	3.60	22.60	29.97	-7.37
	5310	62	AVG	484	65	243.8/286.8 (MCS11)	13.45	23.97	-10.52	3.60	17.05	29.97	-12.92
	5510	102	AVG	484	65	243.8/286.8 (MCS11)	11.41	23.83	-12.42	3.50	14.91	29.83	-14.92
	5550	110	AVG	484	65	243.8/286.8 (MCS11)	17.98	23.83	-5.85	3.50	21.48	29.83	-8.35
	5670	134	AVG	484	65	243.8/286.8 (MCS11)	14.89	23.83	-8.94	3.50	18.39	29.83	-11.44
	5710	142	AVG	484	65	243.8/286.8 (MCS11)	19.43	23.83	-4.40	3.50	22.93	29.83	-6.90
	5755	151	AVG	484	65	243.8/286.8 (MCS11)	19.39	30.00	-10.61	4.00	23.39	-	-
	5795	159	AVG	484	65	243.8/286.8 (MCS11)	19.39	30.00	-10.61	4.00	23.39	-	-

Table 7-39. ISED Antenna WF5b 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	996	67	510.4/600.5 (MCS11)	11.40	-	-	3.70	15.10	22.69	-7.59
	5290	58	AVG	996	67	510.4/600.5 (MCS11)	13.00	23.97	-10.97	3.60	16.60	29.97	-13.37
	5530	106	AVG	996	67	510.4/600.5 (MCS11)	11.31	23.83	-12.52	3.50	14.81	29.83	-15.02
	5690	138	AVG	996	67	510.4/600.5 (MCS11)	19.49	23.83	-4.34	3.50	22.99	29.83	-6.84
	5775	155	AVG	996	67	510.4/600.5 (MCS11)	15.86	30.00	-14.14	4.00	19.86	-	-

Table 7-40. ISED Antenna WF5b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	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]
	5250	50	AVG	996x2	68	510.4/600.5 (MCS11)	7.91	-	-	3.70	11.61	22.69	-11.09

Table 7-41. ISED Antenna WF5b 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC Antenna WF4a Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	26	0	12.5/14.7 (MCS11)	10.31	23.98	-13.67
			AVG	26	4	12.5/14.7 (MCS11)	10.41	23.98	-13.57
			AVG	26	8	12.5/14.7 (MCS11)	10.34	23.98	-13.64
	5200	40	AVG	26	0	12.5/14.7 (MCS11)	10.26	23.98	-13.72
			AVG	26	4	12.5/14.7 (MCS11)	10.38	23.98	-13.60
			AVG	26	8	12.5/14.7 (MCS11)	10.34	23.98	-13.64
	5240	48	AVG	26	0	12.5/14.7 (MCS11)	10.27	23.98	-13.71
			AVG	26	4	12.5/14.7 (MCS11)	10.46	23.98	-13.52
			AVG	26	8	12.5/14.7 (MCS11)	10.24	23.98	-13.74
	5745	149	AVG	26	0	12.5/14.7 (MCS11)	10.27	30.00	-19.73
			AVG	26	4	12.5/14.7 (MCS11)	10.43	30.00	-19.57
			AVG	26	8	12.5/14.7 (MCS11)	10.33	30.00	-19.67
	5785	157	AVG	26	0	12.5/14.7 (MCS11)	10.39	30.00	-19.61
			AVG	26	4	12.5/14.7 (MCS11)	10.45	30.00	-19.55
			AVG	26	8	12.5/14.7 (MCS11)	10.31	30.00	-19.69
	5825	165	AVG	26	0	12.5/14.7 (MCS11)	10.24	30.00	-19.76
			AVG	26	4	12.5/14.7 (MCS11)	10.37	30.00	-19.63
			AVG	26	8	135/143.4 (MCS11)	10.22	30.00	-19.78

Table 7-42. FCC Antenna WF4a 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	26	0	12.5/14.7 (MCS11)	10.44	23.98	-13.54
			AVG	26	8	12.5/14.7 (MCS11)	10.37	23.98	-13.61
			AVG	26	17	12.5/14.7 (MCS11)	10.41	23.98	-13.57
	5230	46	AVG	26	0	12.5/14.7 (MCS11)	10.46	23.98	-13.52
			AVG	26	8	12.5/14.7 (MCS11)	10.42	23.98	-13.56
			AVG	26	17	12.5/14.7 (MCS11)	10.40	23.98	-13.58
	5755	151	AVG	26	0	12.5/14.7 (MCS11)	10.34	30.00	-19.66
			AVG	26	8	12.5/14.7 (MCS11)	10.50	30.00	-19.50
			AVG	26	17	12.5/14.7 (MCS11)	10.22	30.00	-19.78
	5795	159	AVG	26	0	12.5/14.7 (MCS11)	10.35	30.00	-19.65
			AVG	26	8	12.5/14.7 (MCS11)	10.50	30.00	-19.50
			AVG	26	17	12.5/14.7 (MCS11)	10.10	30.00	-19.90

Table 7-43. FCC Antenna WF4a 40MHz BW (UNII) Maximum Conducted Output Power (RU26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	26	0	12.5/14.7 (MCS11)	10.29	23.98	-13.69
			AVG	26	18	12.5/14.7 (MCS11)	10.35	23.98	-13.63
			AVG	26	36	12.5/14.7 (MCS11)	10.23	23.98	-13.75
	5775	155	AVG	26	0	12.5/14.7 (MCS11)	10.27	30.00	-19.73
			AVG	26	18	12.5/14.7 (MCS11)	10.48	30.00	-19.52
			AVG	26	36	12.5/14.7 (MCS11)	10.25	30.00	-19.75

Table 7-44. FCC Antenna WF4a 80MHz BW (UNII) Maximum Conducted Output Power (RU26)

ISED Antenna WF4a Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	26	0	12.5/14.7 (MCS11)	6.86	-	-	2.40	9.26	22.69	-13.43
			AVG	26	4	12.5/14.7 (MCS11)	7.08	-	-	2.40	9.48	22.69	-13.21
			AVG	26	8	12.5/14.7 (MCS11)	6.93	-	-	2.40	9.33	22.69	-13.37
	5200	40	AVG	26	0	12.5/14.7 (MCS11)	7.16	-	-	2.40	9.56	22.69	-13.13
			AVG	26	4	12.5/14.7 (MCS11)	7.08	-	-	2.40	9.48	22.69	-13.21
			AVG	26	8	12.5/14.7 (MCS11)	7.10	-	-	2.40	9.50	22.69	-13.19
	5240	48	AVG	26	0	12.5/14.7 (MCS11)	6.92	-	-	2.40	9.32	22.69	-13.37
			AVG	26	4	12.5/14.7 (MCS11)	7.12	-	-	2.40	9.52	22.69	-13.17
			AVG	26	8	12.5/14.7 (MCS11)	7.24	-	-	2.40	9.64	22.69	-13.06
	5745	149	AVG	26	0	12.5/14.7 (MCS11)	10.27	30.00	-19.73	0.30	10.57	-	-
			AVG	26	4	12.5/14.7 (MCS11)	10.43	30.00	-19.57	0.30	10.73	-	-
			AVG	26	8	12.5/14.7 (MCS11)	10.33	30.00	-19.67	0.30	10.63	-	-
	5785	157	AVG	26	0	12.5/14.7 (MCS11)	10.39	30.00	-19.61	0.30	10.69	-	-
			AVG	26	4	12.5/14.7 (MCS11)	10.45	30.00	-19.55	0.30	10.75	-	-
			AVG	26	8	12.5/14.7 (MCS11)	10.31	30.00	-19.69	0.30	10.61	-	-
	5825	165	AVG	26	0	12.5/14.7 (MCS11)	10.24	30.00	-19.76	0.30	10.54	-	-
			AVG	26	4	12.5/14.7 (MCS11)	10.37	30.00	-19.63	0.30	10.67	-	-
			AVG	26	8	12.5/14.7 (MCS11)	10.22	30.00	-19.78	0.30	10.52	-	-

Table 7-45. ISED Antenna WF4a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	26	0	12.5/14.7 (MCS11)	6.85	-	-	2.40	9.25	22.69	-13.44
			AVG	26	8	12.5/14.7 (MCS11)	7.12	-	-	2.40	9.52	22.69	-13.18
			AVG	26	17	12.5/14.7 (MCS11)	6.87	-	-	2.40	9.27	22.69	-13.42
	5230	46	AVG	26	0	12.5/14.7 (MCS11)	6.87	-	-	2.40	9.27	22.69	-13.42
			AVG	26	8	12.5/14.7 (MCS11)	7.10	-	-	2.40	9.50	22.69	-13.19
			AVG	26	17	12.5/14.7 (MCS11)	7.07	-	-	2.40	9.47	22.69	-13.22
	5755	151	AVG	26	0	12.5/14.7 (MCS11)	10.34	30.00	-19.66	0.30	10.64	-	-
			AVG	26	8	12.5/14.7 (MCS11)	10.50	30.00	-19.50	0.30	10.80	-	-
			AVG	26	17	12.5/14.7 (MCS11)	10.22	30.00	-19.78	0.30	10.52	-	-
	5795	159	AVG	26	0	12.5/14.7 (MCS11)	10.35	30.00	-19.65	0.30	10.65	-	-
			AVG	26	8	12.5/14.7 (MCS11)	10.50	30.00	-19.50	0.30	10.80	-	-
			AVG	26	17	12.5/14.7 (MCS11)	10.10	30.00	-19.90	0.30	10.40	-	-

Table 7-46. ISED Antenna WF4a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	26	0	12.5/14.7 (MCS11)	6.86	-	-	2.40	9.26	22.69	-13.43
			AVG	26	18	12.5/14.7 (MCS11)	7.21	-	-	2.40	9.61	22.69	-13.08
			AVG	26	36	12.5/14.7 (MCS11)	6.86	-	-	2.40	9.26	22.69	-13.43
	5775	155	AVG	26	0	12.5/14.7 (MCS11)	10.27	30.00	-19.73	0.30	10.57	-	-
			AVG	26	18	12.5/14.7 (MCS11)	10.48	30.00	-19.52	0.30	10.78	-	-
			AVG	26	36	12.5/14.7 (MCS11)	10.25	30.00	-19.75	0.30	10.55	-	-

Table 7-47. ISED Antenna WF4a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

FCC Antenna WF4a Conducted Output Power Measurements (RU52)

	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
5GHz (20MHz Bandwidth)	5260	52	AVG	52	37	25/29.4 (MCS11)	13.35	23.97	-10.62
			AVG	52	39	25/29.4 (MCS11)	13.35	23.97	-10.62
			AVG	52	40	25/29.4 (MCS11)	13.40	23.97	-10.57
	5300	60	AVG	52	37	25/29.4 (MCS11)	13.33	23.97	-10.64
			AVG	52	39	25/29.4 (MCS11)	13.46	23.97	-10.51
			AVG	52	40	25/29.4 (MCS11)	13.20	23.97	-10.77
	5320	64	AVG	52	37	25/29.4 (MCS11)	13.23	23.97	-10.74
			AVG	52	39	25/29.4 (MCS11)	13.49	23.97	-10.48
			AVG	52	40	25/29.4 (MCS11)	13.30	23.97	-10.67
	5500	100	AVG	52	37	25/29.4 (MCS11)	13.37	23.83	-10.46
			AVG	52	39	25/29.4 (MCS11)	13.42	23.83	-10.41
			AVG	52	40	25/29.4 (MCS11)	13.41	23.83	-10.42
	5580	116	AVG	52	37	25/29.4 (MCS11)	13.38	23.83	-10.45
			AVG	52	39	25/29.4 (MCS11)	13.45	23.83	-10.38
			AVG	52	40	25/29.4 (MCS11)	13.38	23.83	-10.45
	5680	136	AVG	52	37	25/29.4 (MCS11)	13.24	23.83	-10.59
			AVG	52	39	25/29.4 (MCS11)	13.48	23.83	-10.35
			AVG	52	40	25/29.4 (MCS11)	13.38	23.83	-10.45
	5700	140	AVG	52	37	25/29.4 (MCS11)	9.93	23.83	-13.90
			AVG	52	39	25/29.4 (MCS11)	9.85	23.83	-13.98
			AVG	52	40	25/29.4 (MCS11)	9.93	23.83	-13.90
	5720	144	AVG	52	37	25/29.4 (MCS11)	13.34	23.83	-10.49
			AVG	52	39	25/29.4 (MCS11)	13.49	23.83	-10.34
			AVG	52	40	25/29.4 (MCS11)	13.26	23.83	-10.57

Table 7-48. FCC Antenna WF4a 20MHz BW (UNII) Maximum Conducted Output Power (RU52)

	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
5GHz (40MHz Bandwidth)	5270	54	AVG	52	37	25/29.4 (MCS11)	13.43	23.97	-10.54
			AVG	52	40	25/29.4 (MCS11)	13.41	23.97	-10.56
			AVG	52	44	25/29.4 (MCS11)	13.11	23.97	-10.86
	5310	62	AVG	52	37	25/29.4 (MCS11)	13.21	23.97	-10.76
			AVG	52	40	25/29.4 (MCS11)	13.25	23.97	-10.72
			AVG	52	44	25/29.4 (MCS11)	13.00	23.97	-10.97
	5510	102	AVG	52	37	25/29.4 (MCS11)	11.32	23.83	-12.51
			AVG	52	40	25/29.4 (MCS11)	11.35	23.83	-12.48
			AVG	52	44	25/29.4 (MCS11)	11.20	23.83	-12.63
	5550	110	AVG	52	37	25/29.4 (MCS11)	13.18	23.83	-10.65
			AVG	52	40	25/29.4 (MCS11)	13.33	23.83	-10.50
			AVG	52	44	25/29.4 (MCS11)	13.38	23.83	-10.45
	5590	118	AVG	52	37	25/29.4 (MCS11)	13.28	23.83	-10.55
			AVG	52	40	25/29.4 (MCS11)	13.33	23.83	-10.50
			AVG	52	44	25/29.4 (MCS11)	13.07	23.83	-10.76
	5710	142	AVG	52	37	25/29.4 (MCS11)	13.39	23.83	-10.44
			AVG	52	40	25/29.4 (MCS11)	13.40	23.83	-10.43
			AVG	52	44	25/29.4 (MCS11)	13.15	23.83	-10.68

Table 7-49. FCC Antenna WF4a 40MHz BW (UNII) Maximum Conducted Output Power (RU52)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5290	58	AVG	52	37	25/29.4 (MCS11)	12.56	23.97	-11.41
			AVG	52	44	25/29.4 (MCS11)	12.96	23.97	-11.01
			AVG	52	52	25/29.4 (MCS11)	12.90	23.97	-11.07
	5530	106	AVG	52	37	25/29.4 (MCS11)	11.45	23.83	-12.38
			AVG	52	44	25/29.4 (MCS11)	11.50	23.83	-12.33
			AVG	52	52	25/29.4 (MCS11)	11.46	23.83	-12.37
	5610	122	AVG	52	37	25/29.4 (MCS11)	13.44	23.83	-10.39
			AVG	52	44	25/29.4 (MCS11)	13.50	23.83	-10.33
			AVG	52	52	25/29.4 (MCS11)	13.30	23.83	-10.53
	5690	138	AVG	52	37	25/29.4 (MCS11)	13.05	23.83	-10.78
			AVG	52	44	25/29.4 (MCS11)	13.35	23.83	-10.48
			AVG	52	52	25/29.4 (MCS11)	13.30	23.83	-10.53

Table 7-50. FCC Antenna WF4a 80MHz BW (UNII) Maximum Conducted Output Power (RU52)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50 (L)	AVG	52	37	25/29.4 (MCS11)	7.94	23.98	-16.04
			AVG	52	52	25/29.4 (MCS11)	7.74	23.98	-16.24
		50(U)	AVG	52	52	25/29.4 (MCS11)	7.83	23.98	-16.15
	5570	114 (L)	AVG	52	37	25/29.4 (MCS11)	6.38	23.83	-17.46
			AVG	52	52	25/29.4 (MCS11)	6.31	23.83	-17.52
		114 (U)	AVG	52	52	25/29.4 (MCS11)	6.31	23.83	-17.52

Table 7-51. FCC Antenna WF4a 160MHz BW (UNII) Maximum Conducted Output Power (RU52)

ISED Antenna WF4a Conducted Output Power Measurements (RU52)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	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]
	5260	52	AVG	52	37	25/29.4 (MCS11)	13.35	23.97	-10.62	2.80	16.15	29.97	-13.82
			AVG	52	39	25/29.4 (MCS11)	13.35	23.97	-10.62	2.80	16.15	29.97	-13.82
			AVG	52	40	25/29.4 (MCS11)	13.40	23.97	-10.57	2.80	16.20	29.97	-13.77
	5300	60	AVG	52	37	25/29.4 (MCS11)	13.33	23.97	-10.64	2.80	16.13	29.97	-13.84
			AVG	52	39	25/29.4 (MCS11)	13.46	23.97	-10.51	2.80	16.26	29.97	-13.71
			AVG	52	40	25/29.4 (MCS11)	13.20	23.97	-10.77	2.80	16.00	29.97	-13.97
	5320	64	AVG	52	37	25/29.4 (MCS11)	13.23	23.97	-10.74	2.80	16.03	29.97	-13.94
			AVG	52	39	25/29.4 (MCS11)	13.49	23.97	-10.48	2.80	16.29	29.97	-13.68
			AVG	52	40	25/29.4 (MCS11)	13.30	23.97	-10.67	2.80	16.10	29.97	-13.87
	5500	100	AVG	52	37	25/29.4 (MCS11)	13.37	23.83	-10.46	0.70	14.07	29.83	-15.76
			AVG	52	39	25/29.4 (MCS11)	13.42	23.83	-10.41	0.70	14.12	29.83	-15.71
			AVG	52	40	25/29.4 (MCS11)	13.41	23.83	-10.42	0.70	14.11	29.83	-15.72
	5580	116	AVG	52	37	25/29.4 (MCS11)	13.38	23.83	-10.45	0.70	14.08	29.83	-15.75
			AVG	52	39	25/29.4 (MCS11)	13.45	23.83	-10.38	0.70	14.15	29.83	-15.68
			AVG	52	40	25/29.4 (MCS11)	13.38	23.83	-10.45	0.70	14.08	29.83	-15.75
	5680	136	AVG	52	37	25/29.4 (MCS11)	13.24	23.83	-10.59	0.70	13.94	29.83	-15.89
			AVG	52	39	25/29.4 (MCS11)	13.48	23.83	-10.35	0.70	14.18	29.83	-15.65
			AVG	52	40	25/29.4 (MCS11)	13.38	23.83	-10.45	0.70	14.08	29.83	-15.75
	5700	140	AVG	52	37	25/29.4 (MCS11)	9.93	23.83	-13.90	0.70	10.63	29.83	-19.20
			AVG	52	39	25/29.4 (MCS11)	9.85	23.83	-13.98	0.70	10.55	29.83	-19.28
			AVG	52	40	25/29.4 (MCS11)	9.93	23.83	-13.90	0.70	10.63	29.83	-19.20
	5720	144	AVG	52	37	25/29.4 (MCS11)	13.34	23.83	-10.49	0.70	14.04	29.83	-15.79
			AVG	52	39	25/29.4 (MCS11)	13.49	23.83	-10.34	0.70	14.19	29.83	-15.64
			AVG	52	40	25/29.4 (MCS11)	13.26	23.83	-10.57	0.70	13.96	29.83	-15.87

Table 7-52. ISED Antenna WF4a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU52)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	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]
	5270	54	AVG	52	37	25/29.4 (MCS11)	13.43	23.97	-10.54	2.80	16.23	29.97	-13.74
			AVG	52	40	25/29.4 (MCS11)	13.41	23.97	-10.56	2.80	16.21	29.97	-13.76
			AVG	52	44	25/29.4 (MCS11)	13.11	23.97	-10.86	2.80	15.91	29.97	-14.06
	5310	62	AVG	52	37	25/29.4 (MCS11)	13.21	23.97	-10.76	2.80	16.01	29.97	-13.96
			AVG	52	40	25/29.4 (MCS11)	13.25	23.97	-10.72	2.80	16.05	29.97	-13.92
			AVG	52	44	25/29.4 (MCS11)	13.00	23.97	-10.97	2.80	15.80	29.97	-14.17
	5510	102	AVG	52	37	25/29.4 (MCS11)	11.32	23.83	-12.51	0.70	12.02	29.83	-17.81
			AVG	52	40	25/29.4 (MCS11)	11.35	23.83	-12.48	0.70	12.05	29.83	-17.78
			AVG	52	44	25/29.4 (MCS11)	11.20	23.83	-12.63	0.70	11.90	29.83	-17.93
	5550	110	AVG	52	37	25/29.4 (MCS11)	13.18	23.83	-10.65	0.70	13.88	29.83	-15.95
			AVG	52	40	25/29.4 (MCS11)	13.33	23.83	-10.50	0.70	14.03	29.83	-15.80
			AVG	52	44	25/29.4 (MCS11)	13.38	23.83	-10.45	0.70	14.08	29.83	-15.75
	5710	142	AVG	52	37	25/29.4 (MCS11)	13.39	23.83	-10.44	0.70	14.09	29.83	-15.74
			AVG	52	40	25/29.4 (MCS11)	13.40	23.83	-10.43	0.70	14.10	29.83	-15.73
			AVG	52	44	25/29.4 (MCS11)	13.15	23.83	-10.68	0.70	13.85	29.83	-15.98

Table 7-53. ISED Antenna WF4a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU52)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	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]
	5290	58	AVG	52	37	25/29.4 (MCS11)	12.56	23.97	-11.41	2.80	15.36	29.97	-14.61
			AVG	52	44	25/29.4 (MCS11)	12.96	23.97	-11.01	2.80	15.76	29.97	-14.21
			AVG	52	52	25/29.4 (MCS11)	12.90	23.97	-11.07	2.80	15.70	29.97	-14.27
	5530	106	AVG	52	37	25/29.4 (MCS11)	11.45	23.83	-12.38	0.70	12.15	29.83	-17.68
			AVG	52	44	25/29.4 (MCS11)	11.50	23.83	-12.33	0.70	12.20	29.83	-17.63
			AVG	52	52	25/29.4 (MCS11)	11.46	23.83	-12.37	0.70	12.16	29.83	-17.67
	5690	138	AVG	52	37	25/29.4 (MCS11)	13.05	23.83	-10.78	0.70	13.75	29.83	-16.08
			AVG	52	44	25/29.4 (MCS11)	13.35	23.83	-10.48	0.70	14.05	29.83	-15.78
			AVG	52	52	25/29.4 (MCS11)	13.30	23.83	-10.53	0.70	14.00	29.83	-15.83

Table 7-54. ISED Antenna WF4a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU52)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	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]
	5250	50 (L)	AVG	52	37	25/29.4 (MCS11)	7.94	-	-	2.40	10.34	22.69	-12.35
			AVG	52	52	25/29.4 (MCS11)	7.74	-	-	2.40	10.14	22.69	-12.55
		50(U)	AVG	52	52	25/29.4 (MCS11)	7.83	-	-	2.40	10.23	22.69	-12.46

Table 7-55. ISED Antenna WF4a 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU52)

FCC Antenna WF4a Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
5GHz (20MHz Bandwidth)	5180	36	AVG	106	53	53.1/62.5 (MCS11)	15.34	23.98	-8.64
			AVG	106	54	53.1/62.5 (MCS11)	15.39	23.98	-8.59
	5200	40	AVG	106	53	53.1/62.5 (MCS11)	16.37	23.98	-7.61
			AVG	106	54	53.1/62.5 (MCS11)	16.40	23.98	-7.58
	5240	48	AVG	106	53	53.1/62.5 (MCS11)	16.36	23.98	-7.62
			AVG	106	54	53.1/62.5 (MCS11)	16.40	23.98	-7.58
	5260	52	AVG	106	53	53.1/62.5 (MCS11)	16.35	23.97	-7.62
			AVG	106	54	53.1/62.5 (MCS11)	16.42	23.97	-7.55
	5300	60	AVG	106	53	53.1/62.5 (MCS11)	16.36	23.97	-7.61
			AVG	106	54	53.1/62.5 (MCS11)	16.41	23.97	-7.56
	5320	64	AVG	106	53	53.1/62.5 (MCS11)	16.35	23.97	-7.62
			AVG	106	54	53.1/62.5 (MCS11)	16.44	23.97	-7.53
	5500	100	AVG	106	53	53.1/62.5 (MCS11)	14.84	23.83	-8.99
			AVG	106	54	53.1/62.5 (MCS11)	14.88	23.83	-8.95
	5520	104	AVG	106	53	53.1/62.5 (MCS11)	16.36	23.83	-7.47
			AVG	106	54	53.1/62.5 (MCS11)	16.41	23.83	-7.42
	5580	116	AVG	106	53	53.1/62.5 (MCS11)	16.34	23.83	-7.49
			AVG	106	54	53.1/62.5 (MCS11)	16.43	23.83	-7.40
	5680	136	AVG	106	53	53.1/62.5 (MCS11)	16.37	23.83	-7.46
			AVG	106	54	53.1/62.5 (MCS11)	16.42	23.83	-7.41
	5700	140	AVG	106	53	53.1/62.5 (MCS11)	13.14	23.83	-10.69
			AVG	106	54	53.1/62.5 (MCS11)	13.22	23.83	-10.61
	5720	144	AVG	106	53	53.1/62.5 (MCS11)	16.32	23.83	-7.51
			AVG	106	54	53.1/62.5 (MCS11)	16.42	23.83	-7.41
	5745	149	AVG	106	53	53.1/62.5 (MCS11)	16.38	30.00	-13.62
			AVG	106	54	53.1/62.5 (MCS11)	16.41	30.00	-13.59
	5785	157	AVG	106	53	53.1/62.5 (MCS11)	16.35	30.00	-13.65
			AVG	106	54	53.1/62.5 (MCS11)	16.41	30.00	-13.59
	5825	165	AVG	106	53	53.1/62.5 (MCS11)	16.36	30.00	-13.64
			AVG	106	54	53.1/62.5 (MCS11)	16.41	30.00	-13.59

Table 7-56. FCC Antenna WF4a 20MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	242	61	121.9/143.4 (MCS11)	12.05	23.98	-11.93
			AVG	242	62	121.9/143.4 (MCS11)	12.34	23.98	-11.64
	5230	46	AVG	242	61	121.9/143.4 (MCS11)	18.00	23.98	-5.98
			AVG	242	62	121.9/143.4 (MCS11)	18.36	23.98	-5.62
	5270	54	AVG	242	61	121.9/143.4 (MCS11)	18.52	23.97	-5.45
			AVG	242	62	121.9/143.4 (MCS11)	18.90	23.97	-5.07
	5310	62	AVG	242	61	121.9/143.4 (MCS11)	13.28	23.97	-10.69
			AVG	242	62	121.9/143.4 (MCS11)	13.36	23.97	-10.61
	5510	102	AVG	242	61	121.9/143.4 (MCS11)	11.42	23.83	-12.41
			AVG	242	62	121.9/143.4 (MCS11)	11.49	23.83	-12.34
	5550	110	AVG	242	61	121.9/143.4 (MCS11)	17.89	23.83	-5.94
			AVG	242	62	121.9/143.4 (MCS11)	17.99	23.83	-5.84
	5590	118	AVG	242	61	121.9/143.4 (MCS11)	18.63	23.83	-5.20
			AVG	242	62	121.9/143.4 (MCS11)	19.00	23.83	-4.83
	5630	126	AVG	242	61	121.9/143.4 (MCS11)	18.30	23.83	-5.53
			AVG	242	62	121.9/143.4 (MCS11)	18.40	23.83	-5.43
	5670	134	AVG	242	61	121.9/143.4 (MCS11)	14.77	23.83	-9.06
			AVG	242	62	121.9/143.4 (MCS11)	14.99	23.83	-8.84
	5710	142	AVG	106	53	53.1/62.5 (MCS11)	16.04	23.83	-7.79
			AVG	106	54	53.1/62.5 (MCS11)	16.49	23.83	-7.34
			AVG	106	56	53.1/62.5 (MCS11)	16.42	23.83	-7.41
	5755	151	AVG	242	61	121.9/143.4 (MCS11)	19.14	30.00	-10.86
			AVG	242	62	121.9/143.4 (MCS11)	19.37	30.00	-10.63
	5795	159	AVG	242	61	121.9/143.4 (MCS11)	19.38	30.00	-10.62
			AVG	242	62	121.9/143.4 (MCS11)	19.32	30.00	-10.68

Table 7-57. FCC Antenna WF4a 40MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	484	65	243.8/286.8 (MCS11)	11.31	23.98	-12.67
			AVG	484	66	243.8/286.8 (MCS11)	11.29	23.98	-12.69
	5290	58	AVG	484	65	243.8/286.8 (MCS11)	12.99	23.97	-10.98
			AVG	484	66	243.8/286.8 (MCS11)	13.00	23.97	-10.97
	5530	106	AVG	484	65	243.8/286.8 (MCS11)	11.26	23.83	-12.57
			AVG	484	66	243.8/286.8 (MCS11)	11.25	23.83	-12.58
	5610	122	AVG	484	65	243.8/286.8 (MCS11)	15.50	23.83	-8.33
			AVG	484	66	243.8/286.8 (MCS11)	15.31	23.83	-8.52
	5690	138	AVG	106	53	53.1/62.5 (MCS11)	16.25	23.83	-7.58
			AVG	106	56	53.1/62.5 (MCS11)	16.43	23.83	-7.40
			AVG	106	60	53.1/62.5 (MCS11)	16.47	23.83	-7.36
	5775	155	AVG	484	65	243.8/286.8 (MCS11)	15.81	30.00	-14.19
			AVG	484	66	243.8/286.8 (MCS11)	15.75	30.00	-14.25

Table 7-58. FCC Antenna WF4a 80MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50 (L)	AVG	996	67	510.4/600.5 (MCS11)	7.73	23.98	-16.25
	5250	50 (U)	AVG	996	67	510.4/600.5 (MCS11)	7.98	23.98	-16.00
	5570	114 (L)	AVG	996	67	510.4/600.5 (MCS11)	6.46	23.83	-17.37
	5570	114 (U)	AVG	996	67	510.4/600.5 (MCS11)	6.36	23.83	-17.47

Table 7-59. FCC Antenna WF4a 160MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

ISED Antenna WF4a Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
5GHz (20MHz Bandwidth)	5180	36	AVG	106	53	53.1/62.5 (MCS11)	12.93	-	-	2.40	15.33	22.69	-7.36
			AVG	106	54	53.1/62.5 (MCS11)	12.96	-	-	2.40	15.36	22.69	-7.33
	5200	40	AVG	106	53	53.1/62.5 (MCS11)	13.08	-	-	2.40	15.48	22.69	-7.22
			AVG	106	54	53.1/62.5 (MCS11)	12.86	-	-	2.40	15.26	22.69	-7.43
	5240	48	AVG	106	53	53.1/62.5 (MCS11)	13.10	-	-	2.40	15.50	22.69	-7.19
			AVG	106	54	53.1/62.5 (MCS11)	13.24	-	-	2.40	15.64	22.69	-7.05
	5260	52	AVG	106	53	53.1/62.5 (MCS11)	16.35	23.97	-7.62	2.80	19.15	29.97	-10.82
			AVG	106	54	53.1/62.5 (MCS11)	16.42	23.97	-7.55	2.80	19.22	29.97	-10.75
	5300	60	AVG	106	53	53.1/62.5 (MCS11)	16.36	23.97	-7.61	2.80	19.16	29.97	-10.81
			AVG	106	54	53.1/62.5 (MCS11)	16.41	23.97	-7.56	2.80	19.21	29.97	-10.76
	5320	64	AVG	106	53	53.1/62.5 (MCS11)	16.35	23.97	-7.62	2.80	19.15	29.97	-10.82
			AVG	106	54	53.1/62.5 (MCS11)	16.44	23.97	-7.53	2.80	19.24	29.97	-10.73
	5500	100	AVG	106	53	53.1/62.5 (MCS11)	14.84	23.83	-8.99	0.70	15.54	29.83	-14.29
			AVG	106	54	53.1/62.5 (MCS11)	14.88	23.83	-8.95	0.70	15.58	29.83	-14.25
	5520	104	AVG	106	53	53.1/62.5 (MCS11)	16.36	23.83	-7.47	0.70	17.06	29.83	-12.77
			AVG	106	54	53.1/62.5 (MCS11)	16.41	23.83	-7.42	0.70	17.11	29.83	-12.72
	5580	116	AVG	106	53	53.1/62.5 (MCS11)	16.34	23.83	-7.49	0.70	17.04	29.83	-12.79
			AVG	106	54	53.1/62.5 (MCS11)	16.43	23.83	-7.40	0.70	17.13	29.83	-12.70
	5680	136	AVG	106	53	53.1/62.5 (MCS11)	16.37	23.83	-7.46	0.70	17.07	29.83	-12.76
			AVG	106	54	53.1/62.5 (MCS11)	16.42	23.83	-7.41	0.70	17.12	29.83	-12.71
	5700	140	AVG	106	53	53.1/62.5 (MCS11)	13.14	23.83	-10.69	0.70	13.84	29.83	-15.99
			AVG	106	54	53.1/62.5 (MCS11)	13.22	23.83	-10.61	0.70	13.92	29.83	-15.91
	5720	144	AVG	106	53	53.1/62.5 (MCS11)	16.32	23.83	-7.51	0.70	17.02	29.83	-12.81
			AVG	106	54	53.1/62.5 (MCS11)	16.42	23.83	-7.41	0.70	17.12	29.83	-12.71
	5745	149	AVG	106	53	53.1/62.5 (MCS11)	16.38	30.00	-13.62	0.30	16.68	-	-
			AVG	106	54	53.1/62.5 (MCS11)	16.41	30.00	-13.59	0.30	16.71	-	-
	5785	157	AVG	106	53	53.1/62.5 (MCS11)	16.35	30.00	-13.65	0.30	16.65	-	-
			AVG	106	54	53.1/62.5 (MCS11)	16.41	30.00	-13.59	0.30	16.71	-	-
	5825	165	AVG	106	53	53.1/62.5 (MCS11)	16.36	30.00	-13.64	0.30	16.66	-	-
			AVG	106	54	53.1/62.5 (MCS11)	16.41	30.00	-13.59	0.30	16.71	-	-

Table 7-60. ISED Antenna WF4a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
5GHz (40MHz Bandwidth)	5190	38	AVG	242	61	121.9/143.4 (MCS11)	12.11	-	-	2.40	14.51	22.69	-8.18
			AVG	242	62	121.9/143.4 (MCS11)	12.16	-	-	2.40	14.56	22.69	-8.13
	5230	46	AVG	242	61	121.9/143.4 (MCS11)	14.96	-	-	2.40	17.36	22.69	-5.33
			AVG	242	62	121.9/143.4 (MCS11)	14.99	-	-	2.40	17.39	22.69	-5.30
	5270	54	AVG	242	61	121.9/143.4 (MCS11)	18.52	23.97	-5.45	2.80	21.32	29.97	-8.65
			AVG	242	62	121.9/143.4 (MCS11)	18.90	23.97	-5.07	2.80	21.70	29.97	-8.27
	5310	62	AVG	242	61	121.9/143.4 (MCS11)	13.28	23.97	-10.69	2.80	16.08	29.97	-13.89
			AVG	242	62	121.9/143.4 (MCS11)	13.36	23.97	-10.61	2.80	16.16	29.97	-13.81
	5510	102	AVG	242	61	121.9/143.4 (MCS11)	11.42	23.83	-12.41	0.70	12.12	29.83	-17.71
			AVG	242	62	121.9/143.4 (MCS11)	11.49	23.83	-12.34	0.70	12.19	29.83	-17.64
	5550	110	AVG	242	61	121.9/143.4 (MCS11)	17.89	23.83	-5.94	0.70	18.59	29.83	-11.24
			AVG	242	62	121.9/143.4 (MCS11)	17.99	23.83	-5.84	0.70	18.69	29.83	-11.14
	5670	134	AVG	242	61	121.9/143.4 (MCS11)	14.77	23.83	-9.06	0.70	15.47	29.83	-14.36
			AVG	242	62	121.9/143.4 (MCS11)	14.99	23.83	-8.84	0.70	15.69	29.83	-14.14
	5710	142	AVG	106	53	53.1/62.5 (MCS11)	16.04	23.83	-7.79	0.70	16.74	29.83	-13.09
			AVG	106	54	53.1/62.5 (MCS11)	16.49	23.83	-7.34	0.70	17.19	29.83	-12.64
			AVG	106	56	53.1/62.5 (MCS11)	16.42	23.83	-7.41	0.70	17.12	29.83	-12.71
	5755	151	AVG	242	61	121.9/143.4 (MCS11)	19.37	30.00	-10.63	0.30	19.67	-	-
			AVG	242	62	121.9/143.4 (MCS11)	19.38	30.00	-10.62	0.30	19.68	-	-
	5795	159	AVG	242	61	121.9/143.4 (MCS11)	19.32	30.00	-10.68	0.30	19.62	-	-
			AVG	242	62	121.9/143.4 (MCS11)	19.32	30.00	-10.68	0.30	19.62	-	-

Table 7-61. ISED Antenna WF4a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	484	65	243.8/286.8 (MCS11)	11.23	-	-	2.40	13.63	22.69	-9.07
			AVG	484	66	243.8/286.8 (MCS11)	11.31	-	-	2.40	13.71	22.69	-8.98
	5290	58	AVG	484	65	243.8/286.8 (MCS11)	12.99	23.97	-10.98	2.80	15.79	29.97	-14.18
			AVG	484	66	243.8/286.8 (MCS11)	13.00	23.97	-10.97	2.80	15.80	29.97	-14.17
	5530	106	AVG	484	65	243.8/286.8 (MCS11)	11.26	23.83	-12.57	0.70	11.96	29.83	-17.87
			AVG	484	66	243.8/286.8 (MCS11)	11.25	23.83	-12.58	0.70	11.95	29.83	-17.88
	5690	138	AVG	106	53	53.1/62.5 (MCS11)	16.25	23.83	-7.58	0.70	16.95	29.83	-12.88
			AVG	106	56	53.1/62.5 (MCS11)	16.43	23.83	-7.40	0.70	17.13	29.83	-12.70
			AVG	106	60	53.1/62.5 (MCS11)	16.47	23.83	-7.36	0.70	17.17	29.83	-12.66
	5775	155	AVG	484	65	243.8/286.8 (MCS11)	15.75	30.00	-14.25	0.30	16.05	-	-
			AVG	484	66	243.8/286.8 (MCS11)	15.75	30.00	-14.25	0.30	16.05	-	-

Table 7-62. ISED Antenna WF4a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

5GHz (160MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	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]
	5250	50 (L)	AVG	996	67	510.4/600.5 (MCS11)	7.73	-	-	2.40	10.13	22.69	-12.56
	5250	50 (U)	AVG	996	67	510.4/600.5 (MCS11)	7.98	-	-	2.40	10.38	22.69	-12.32

Table 7-63. ISED Antenna WF4a 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

FCC Antenna WF4a Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	242	61	121.9/143.4 (MCS11)	15.50	23.98	-8.48
	5200	40	AVG	242	61	121.9/143.4 (MCS11)	18.86	23.98	-5.12
	5220	44	AVG	242	61	121.9/143.4 (MCS11)	19.33	23.98	-4.65
	5240	48	AVG	242	61	121.9/143.4 (MCS11)	19.44	23.98	-4.54
	5260	52	AVG	242	61	121.9/143.4 (MCS11)	19.44	23.97	-4.53
	5280	56	AVG	242	61	121.9/143.4 (MCS11)	19.39	23.97	-4.58
	5300	60	AVG	242	61	121.9/143.4 (MCS11)	18.98	23.97	-4.99
	5320	64	AVG	242	61	121.9/143.4 (MCS11)	16.90	23.97	-7.07
	5500	100	AVG	242	61	121.9/143.4 (MCS11)	14.99	23.83	-8.84
	5520	104	AVG	242	61	121.9/143.4 (MCS11)	17.32	23.83	-6.51
	5580	116	AVG	242	61	121.9/143.4 (MCS11)	19.42	23.83	-4.41
	5640	128	AVG	242	61	121.9/143.4 (MCS11)	19.25	23.83	-4.58
	5680	136	AVG	242	61	121.9/143.4 (MCS11)	17.35	23.83	-6.48
	5700	140	AVG	242	61	121.9/143.4 (MCS11)	13.06	23.83	-10.77
	5720	144	AVG	242	61	121.9/143.4 (MCS11)	19.50	23.83	-4.33
	5745	149	AVG	242	61	121.9/143.4 (MCS11)	19.21	30.00	-10.79
	5785	157	AVG	242	61	121.9/143.4 (MCS11)	19.30	30.00	-10.70
	5825	165	AVG	242	61	121.9/143.4 (MCS11)	19.32	30.00	-10.68

Table 7-64. FCC Antenna WF4a 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	484	65	243.8/286.8 (MCS11)	12.26	23.98	-11.72
	5230	46	AVG	484	65	243.8/286.8 (MCS11)	18.50	23.98	-5.48
	5270	54	AVG	484	65	243.8/286.8 (MCS11)	18.70	23.97	-5.27
	5310	62	AVG	484	65	243.8/286.8 (MCS11)	13.39	23.97	-10.58
	5510	102	AVG	484	65	243.8/286.8 (MCS11)	11.35	23.83	-12.48
	5550	110	AVG	484	65	243.8/286.8 (MCS11)	17.78	23.83	-6.05
	5590	118	AVG	484	65	243.8/286.8 (MCS11)	18.82	23.83	-5.01
	5630	126	AVG	484	65	243.8/286.8 (MCS11)	18.38	23.83	-5.45
	5670	134	AVG	484	65	243.8/286.8 (MCS11)	14.77	23.83	-9.06
	5710	142	AVG	484	65	243.8/286.8 (MCS11)	19.39	23.83	-4.44
	5755	151	AVG	484	65	243.8/286.8 (MCS11)	19.38	30.00	-10.62
	5795	159	AVG	484	65	243.8/286.8 (MCS11)	19.45	30.00	-10.55

Table 7-65. FCC Antenna WF4a 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	996	67	510.4/600.5 (MCS11)	11.20	23.98	-12.78
	5290	58	AVG	996	67	510.4/600.5 (MCS11)	13.00	23.97	-10.97
	5530	106	AVG	996	67	510.4/600.5 (MCS11)	11.41	23.83	-12.42
	5610	122	AVG	996	67	510.4/600.5 (MCS11)	15.30	23.83	-8.53
	5690	138	AVG	996	67	510.4/600.5 (MCS11)	19.20	23.83	-4.63
	5775	155	AVG	996	67	510.4/600.5 (MCS11)	15.96	30.00	-14.04

Table 7-66. FCC Antenna WF4a 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (160MHz Bandwidt	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5250	50	AVG	996x2	68	510.4/600.5 (MCS11)	7.92	23.98	-16.06
	5570	114	AVG	996x2	68	510.4/600.5 (MCS11)	6.49	23.83	-17.34

Table 7-67. FCC Antenna WF4a 160MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

ISED Antenna WF4a Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	242	61	121.9/143.4 (MCS11)	15.21	-	-	2.40	17.61	22.69	-5.08
	5200	40	AVG	242	61	121.9/143.4 (MCS11)	14.97	-	-	2.40	17.37	22.69	-5.32
	5240	48	AVG	242	61	121.9/143.4 (MCS11)	14.91	-	-	2.40	17.31	22.69	-5.38
	5260	52	AVG	242	61	121.9/143.4 (MCS11)	19.44	23.97	-4.53	2.80	22.24	29.97	-7.73
	5300	60	AVG	242	61	121.9/143.4 (MCS11)	18.98	23.97	-4.99	2.80	21.78	29.97	-8.19
	5320	64	AVG	242	61	121.9/143.4 (MCS11)	16.90	23.97	-7.07	2.80	19.70	29.97	-10.27
	5500	100	AVG	242	61	121.9/143.4 (MCS11)	14.99	23.83	-8.84	0.70	15.69	29.83	-14.14
	5520	104	AVG	242	61	121.9/143.4 (MCS11)	17.32	23.83	-6.51	0.70	18.02	29.83	-11.81
	5540	108	AVG	242	61	121.9/143.4 (MCS11)	18.81	23.83	-5.02	0.70	19.51	29.83	-10.32
	5560	112	AVG	242	61	121.9/143.4 (MCS11)	19.36	23.83	-4.47	0.70	20.06	29.83	-9.77
	5580	116	AVG	242	61	121.9/143.4 (MCS11)	19.42	23.83	-4.41	0.70	20.12	29.83	-9.71
	5660	132	AVG	242	61	121.9/143.4 (MCS11)	18.75	23.83	-5.08	0.70	19.45	29.83	-10.38
	5680	136	AVG	242	61	121.9/143.4 (MCS11)	17.35	23.83	-6.48	0.70	18.05	29.83	-11.78
	5700	140	AVG	242	61	121.9/143.4 (MCS11)	13.06	23.83	-10.77	0.70	13.76	29.83	-16.07
	5720	144	AVG	242	61	121.9/143.4 (MCS11)	19.50	23.83	-4.33	0.70	20.20	29.83	-9.63
	5745	149	AVG	242	61	121.9/143.4 (MCS11)	19.21	30.00	-10.79	0.30	19.51	-	-
	5785	157	AVG	242	61	121.9/143.4 (MCS11)	19.30	30.00	-10.70	0.30	19.60	-	-
	5825	165	AVG	242	61	121.9/143.4 (MCS11)	19.32	30.00	-10.68	0.30	19.62	-	-

Table 7-68. ISED Antenna WF4a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	484	65	243.8/286.8 (MCS11)	12.38	-	-	2.40	14.78	22.69	-7.91
	5230	46	AVG	484	65	243.8/286.8 (MCS11)	17.71	-	-	2.40	20.11	22.69	-2.58
	5270	54	AVG	484	65	243.8/286.8 (MCS11)	18.70	23.97	-5.27	2.80	21.50	29.97	-8.47
	5310	62	AVG	484	65	243.8/286.8 (MCS11)	13.39	23.97	-10.58	2.80	16.19	29.97	-13.78
	5510	102	AVG	484	65	243.8/286.8 (MCS11)	11.35	23.83	-12.48	0.70	12.05	29.83	-17.78
	5550	110	AVG	484	65	243.8/286.8 (MCS11)	17.78	23.83	-6.05	0.70	18.48	29.83	-11.35
	5670	134	AVG	484	65	243.8/286.8 (MCS11)	14.77	23.83	-9.06	0.70	15.47	29.83	-14.36
	5710	142	AVG	484	65	243.8/286.8 (MCS11)	19.39	23.83	-4.44	0.70	20.09	29.83	-9.74
	5755	151	AVG	484	65	243.8/286.8 (MCS11)	19.38	30.00	-10.62	0.30	19.68	-	-
	5795	159	AVG	484	65	243.8/286.8 (MCS11)	19.45	30.00	-10.55	0.30	19.75	-	-

Table 7-69. ISED Antenna WF4a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	996	67	510.4/600.5 (MCS11)	11.46	-	-	2.40	13.86	22.69	-8.83
	5290	58	AVG	996	67	510.4/600.5 (MCS11)	13.00	23.97	-10.97	2.80	15.80	29.97	-14.17
	5530	106	AVG	996	67	510.4/600.5 (MCS11)	11.41	23.83	-12.42	0.70	12.11	29.83	-17.72
	5690	138	AVG	996	67	510.4/600.5 (MCS11)	19.20	23.83	-4.63	0.70	19.90	29.83	-9.93
	5775	155	AVG	996	67	510.4/600.5 (MCS11)	15.96	30.00	-14.04	0.30	16.26	-	-

Table 7-70. ISED Antenna WF4a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (160MHz Bandwidt	Freq [MHz]	Channel	Detector	RU Size	RU Index	Data Rate [Mbps]	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]
	5250	50	AVG	996x2	68	510.4/600.5 (MCS11)	7.92	-	-	2.40	10.32	22.69	-12.38

Table 7-71. ISED Antenna WF4a 160MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC CDD/SDM Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna WF5b	Antenna WF4a	Summed		
	5180	36	SDM	AVG	26	0	25/29.4 (MCS11)	8.89	8.72	11.82	23.98	-12.16
			SDM	AVG	26	4	25/29.4 (MCS11)	8.87	8.90	11.90	23.98	-12.08
			SDM	AVG	26	8	25/29.4 (MCS11)	8.71	8.71	11.72	23.98	-12.26
	5200	40	SDM	AVG	26	0	25/29.4 (MCS11)	8.71	8.83	11.78	23.98	-12.20
			SDM	AVG	26	4	25/29.4 (MCS11)	8.87	8.91	11.90	23.98	-12.08
			SDM	AVG	26	8	25/29.4 (MCS11)	8.90	8.72	11.82	23.98	-12.16
	5240	48	SDM	AVG	26	0	25/29.4 (MCS11)	8.79	8.93	11.87	23.98	-12.11
			SDM	AVG	26	4	25/29.4 (MCS11)	8.85	8.90	11.89	23.98	-12.09
			SDM	AVG	26	8	25/29.4 (MCS11)	8.90	8.74	11.83	23.98	-12.15
	5745	149	CDD	AVG	26	0	25/29.4 (MCS11)	10.24	10.39	13.33	30.00	-16.67
			CDD	AVG	26	4	25/29.4 (MCS11)	10.45	10.43	13.45	30.00	-16.55
			CDD	AVG	26	8	25/29.4 (MCS11)	10.25	10.32	13.30	30.00	-16.70
	5785	157	CDD	AVG	26	0	25/29.4 (MCS11)	10.34	10.36	13.36	30.00	-16.64
			CDD	AVG	26	4	25/29.4 (MCS11)	10.45	10.32	13.40	30.00	-16.60
			CDD	AVG	26	8	25/29.4 (MCS11)	10.36	10.23	13.31	30.00	-16.69
	5825	165	CDD	AVG	26	0	25/29.4 (MCS11)	10.40	10.39	13.41	30.00	-16.59
			CDD	AVG	26	4	25/29.4 (MCS11)	10.40	10.44	13.43	30.00	-16.57
			CDD	AVG	26	8	25/29.4 (MCS11)	10.21	10.24	13.24	30.00	-16.76

Table 7-72. FCC CDD/SDM 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna WF5b	Antenna WF4a	Summed		
	5190	38	SDM	AVG	26	0	25/29.4 (MCS11)	8.56	8.61	11.60	23.98	-12.38
			SDM	AVG	26	8	25/29.4 (MCS11)	8.90	8.85	11.89	23.98	-12.09
			SDM	AVG	26	17	25/29.4 (MCS11)	8.66	8.61	11.65	23.98	-12.33
	5230	46	SDM	AVG	26	0	25/29.4 (MCS11)	8.61	8.69	11.66	23.98	-12.32
			SDM	AVG	26	8	25/29.4 (MCS11)	9.00	8.77	11.90	23.98	-12.08
			SDM	AVG	26	17	25/29.4 (MCS11)	8.54	8.64	11.60	23.98	-12.38
	5755	151	CDD	AVG	26	0	25/29.4 (MCS11)	10.12	10.32	13.23	30.00	-16.77
			CDD	AVG	26	8	25/29.4 (MCS11)	10.29	10.29	13.30	30.00	-16.70
			CDD	AVG	26	17	25/29.4 (MCS11)	10.18	10.25	13.23	30.00	-16.77
	5795	159	CDD	AVG	26	0	25/29.4 (MCS11)	10.14	10.05	13.11	30.00	-16.89
			CDD	AVG	26	8	25/29.4 (MCS11)	10.37	10.42	13.41	30.00	-16.59
			CDD	AVG	26	17	25/29.4 (MCS11)	10.25	10.33	13.30	30.00	-16.70

Table 7-73. FCC CDD/SDM 40MHz BW (UNII) Maximum Conducted Output Power (RU26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna WF5b	Antenna WF4a	Summed		
	5210	42	SDM	AVG	26	0	25/29.4 (MCS11)	8.70	8.74	11.73	23.98	-12.25
			SDM	AVG	26	18	25/29.4 (MCS11)	9.00	8.95	11.99	23.98	-11.99
			SDM	AVG	26	36	25/29.4 (MCS11)	8.69	8.85	11.78	23.98	-12.20
	5775	155	CDD	AVG	26	0	25/29.4 (MCS11)	10.08	10.01	10.01	30.00	-19.99
			CDD	AVG	26	18	25/29.4 (MCS11)	10.31	10.35	13.34	30.00	-16.66
			CDD	AVG	26	36	25/29.4 (MCS11)	10.05	10.27	13.17	30.00	-16.83

Table 7-74. FCC CDD/SDM 80MHz BW (UNII) Maximum Conducted Output Power (RU26)

ISED CDD/SDM Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [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]
								Antenna WF5b	Antenna WF4a	Summed						
	5180	36	SDM	AVG	26	0	25/29.4 (MCS11)	4.71	4.42	7.58	-	-	3.10	10.68	22.69	-12.01
			SDM	AVG	26	4	25/29.4 (MCS11)	4.61	4.53	7.58	-	-	3.10	10.68	22.69	-12.01
			SDM	AVG	26	8	25/29.4 (MCS11)	4.36	4.62	7.50	-	-	3.10	10.60	22.69	-12.09
	5200	40	SDM	AVG	26	0	25/29.4 (MCS11)	4.67	4.68	7.68	-	-	3.10	10.78	22.69	-11.91
			SDM	AVG	26	4	25/29.4 (MCS11)	4.50	4.51	7.52	-	-	3.10	10.62	22.69	-12.07
			SDM	AVG	26	8	25/29.4 (MCS11)	4.40	4.40	7.41	-	-	3.10	10.51	22.69	-12.18
	5240	48	SDM	AVG	26	0	25/29.4 (MCS11)	4.55	4.55	7.56	-	-	3.10	10.66	22.69	-12.03
			SDM	AVG	26	4	25/29.4 (MCS11)	4.38	4.37	7.39	-	-	3.10	10.49	22.69	-12.20
			SDM	AVG	26	8	25/29.4 (MCS11)	4.39	4.50	7.45	-	-	3.10	10.55	22.69	-12.14
	5745	149	CDD	AVG	26	0	25/29.4 (MCS11)	10.24	10.39	13.33	30.00	-16.67	5.36	18.69	-	-
			CDD	AVG	26	4	25/29.4 (MCS11)	10.45	10.43	13.45	30.00	-16.55	5.36	18.81	-	-
			CDD	AVG	26	8	25/29.4 (MCS11)	10.25	10.32	13.30	30.00	-16.70	5.36	18.66	-	-
	5785	157	CDD	AVG	26	0	25/29.4 (MCS11)	10.34	10.36	13.36	30.00	-16.64	5.36	18.72	-	-
			CDD	AVG	26	4	25/29.4 (MCS11)	10.45	10.32	13.40	30.00	-16.60	5.36	18.76	-	-
			CDD	AVG	26	8	25/29.4 (MCS11)	10.36	10.23	13.31	30.00	-16.69	5.36	18.67	-	-
	5825	165	CDD	AVG	26	0	25/29.4 (MCS11)	10.40	10.39	13.41	30.00	-16.59	5.36	18.77	-	-
			CDD	AVG	26	4	25/29.4 (MCS11)	10.40	10.44	13.43	30.00	-16.57	5.36	18.79	-	-
			CDD	AVG	26	8	25/29.4 (MCS11)	10.21	10.24	13.24	30.00	-16.76	5.36	18.60	-	-

Table 7-75. ISED CDD/SDM 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [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]
								Antenna WF5b	Antenna WF4a	Summed						
	5190	38	SDM	AVG	26	0	25/29.4 (MCS11)	4.71	4.47	7.60	-	-	3.10	10.70	22.69	-11.99
			SDM	AVG	26	8	25/29.4 (MCS11)	4.53	4.36	7.46	-	-	3.10	10.56	22.69	-12.13
			SDM	AVG	26	17	25/29.4 (MCS11)	4.53	4.70	7.62	-	-	3.10	10.72	22.69	-11.97
	5230	46	SDM	AVG	26	0	25/29.4 (MCS11)	4.46	4.50	7.49	-	-	3.10	10.59	22.69	-12.10
			SDM	AVG	26	8	25/29.4 (MCS11)	4.44	4.41	7.44	-	-	3.10	10.54	22.69	-12.15
			SDM	AVG	26	17	25/29.4 (MCS11)	4.72	4.48	7.61	-	-	3.10	10.71	22.69	-11.98
	5755	151	CDD	AVG	26	0	25/29.4 (MCS11)	10.12	10.32	13.23	30.00	-16.77	5.36	18.59	-	-
			CDD	AVG	26	8	25/29.4 (MCS11)	10.29	10.29	13.30	30.00	-16.70	5.36	18.66	-	-
			CDD	AVG	26	17	25/29.4 (MCS11)	10.18	10.25	13.23	30.00	-16.77	5.36	18.59	-	-
	5795	159	CDD	AVG	26	0	25/29.4 (MCS11)	10.14	10.05	13.11	30.00	-16.89	5.36	18.47	-	-
			CDD	AVG	26	8	25/29.4 (MCS11)	10.37	10.42	13.41	30.00	-16.59	5.36	18.77	-	-
			CDD	AVG	26	17	25/29.4 (MCS11)	10.25	10.33	13.30	30.00	-16.70	5.36	18.66	-	-

Table 7-76. ISED CDD/SDM 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [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]
								Antenna WF5b	Antenna WF4a	Summed						
	5210	42	SDM	AVG	26	0	25/29.4 (MCS11)	4.55	4.69	7.63	-	-	3.10	10.73	22.69	-11.96
			SDM	AVG	26	18	25/29.4 (MCS11)	4.59	4.70	7.66	-	-	3.10	10.76	22.69	-11.93
			SDM	AVG	26	36	25/29.4 (MCS11)	4.64	4.58	7.62	-	-	3.10	10.72	22.69	-11.97
	5775	155	CDD	AVG	26	0	25/29.4 (MCS11)	10.08	10.01	10.01	30.00	-19.99	5.36	15.37	-	-
			CDD	AVG	26	18	25/29.4 (MCS11)	10.31	10.35	13.34	30.00	-16.66	5.36	18.70	-	-
			CDD	AVG	26	36	25/29.4 (MCS11)	10.05	10.27	13.17	30.00	-16.83	5.36	18.53	-	-

Table 7-77. ISED CDD/SDM 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

FCC CDD/SDM Conducted Output Power Measurements (RU52)

	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna WF5b	Antenna WF4a	Summed		
5GHz (20MHz Bandwidth)	5260	52	SDM	AVG	52	37	50/58.8 (MCS11)	11.76	11.65	14.72	23.97	-9.25
			SDM	AVG	52	39	50/58.8 (MCS11)	11.91	11.92	14.93	23.97	-9.04
			SDM	AVG	52	40	50/58.8 (MCS11)	11.75	11.74	14.76	23.97	-9.21
	5300	60	SDM	AVG	52	37	50/58.8 (MCS11)	11.95	11.76	14.87	23.97	-9.10
			SDM	AVG	52	39	50/58.8 (MCS11)	11.98	11.96	14.98	23.97	-8.99
			SDM	AVG	52	40	50/58.8 (MCS11)	11.70	11.88	14.80	23.97	-9.17
	5320	64	SDM	AVG	52	37	50/58.8 (MCS11)	11.93	11.66	14.81	23.97	-9.16
			SDM	AVG	52	39	50/58.8 (MCS11)	11.99	11.83	14.92	23.97	-9.05
			SDM	AVG	52	40	50/58.8 (MCS11)	11.95	11.67	14.82	23.97	-9.15
	5500	100	CDD	AVG	52	37	50/58.8 (MCS11)	11.79	11.86	14.84	23.83	-8.99
			CDD	AVG	52	39	50/58.8 (MCS11)	11.91	11.82	14.88	23.83	-8.95
			CDD	AVG	52	40	50/58.8 (MCS11)	11.79	11.76	14.79	23.83	-9.04
	5580	116	CDD	AVG	52	37	50/58.8 (MCS11)	11.88	11.73	14.82	23.83	-9.01
			CDD	AVG	52	39	50/58.8 (MCS11)	11.91	11.81	14.87	23.83	-8.96
			CDD	AVG	52	40	50/58.8 (MCS11)	11.83	11.83	14.84	23.83	-8.99
	5680	136	CDD	AVG	52	37	50/58.8 (MCS11)	11.93	11.78	14.87	23.83	-8.96
			CDD	AVG	52	39	50/58.8 (MCS11)	11.85	11.91	14.89	23.83	-8.94
			CDD	AVG	52	40	50/58.8 (MCS11)	11.89	11.75	14.83	23.83	-9.00
	5700	140	CDD	AVG	52	37	50/58.8 (MCS11)	8.23	8.27	11.26	23.83	-12.57
			CDD	AVG	52	39	50/58.8 (MCS11)	8.39	8.43	11.42	23.83	-12.41
			CDD	AVG	52	40	50/58.8 (MCS11)	8.33	8.24	11.30	23.83	-12.53
	5720	144	CDD	AVG	52	37	50/58.8 (MCS11)	11.78	11.68	14.74	23.83	-9.09
			CDD	AVG	52	39	50/58.8 (MCS11)	11.94	11.86	14.91	23.83	-8.92
			CDD	AVG	52	40	50/58.8 (MCS11)	11.77	11.95	14.87	23.83	-8.96

Table 7-78. FCC CDD/SDM 20MHz BW (UNII) Maximum Conducted Output Power (RU52)

	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Data Rate [Mbps]	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
								Antenna WF5b	Antenna WF4a	Summed		
5GHz (40MHz Bandwidth)	5270	54	SDM	AVG	52	37	50/58.8 (MCS11)	11.77	11.81	14.80	23.97	-9.17
			SDM	AVG	52	40	50/58.8 (MCS11)	12.00	11.98	15.00	23.97	-8.97
			SDM	AVG	52	44	50/58.8 (MCS11)	11.54	11.64	14.60	23.97	-9.37
	5310	62	SDM	AVG	52	37	50/58.8 (MCS11)	11.71	11.79	14.76	23.97	-9.21
			SDM	AVG	52	40	50/58.8 (MCS11)	11.95	11.98	14.98	23.97	-8.99
			SDM	AVG	52	44	50/58.8 (MCS11)	11.50	11.55	14.54	23.97	-9.43
	5510	102	CDD	AVG	52	37	50/58.8 (MCS11)	11.24	11.13	14.20	23.83	-9.63
			CDD	AVG	52	40	50/58.8 (MCS11)	11.40	11.50	14.46	23.83	-9.37
			CDD	AVG	52	44	50/58.8 (MCS11)	11.23	11.07	14.16	23.83	-9.67
	5550	110	CDD	AVG	52	37	50/58.8 (MCS11)	11.89	11.51	14.71	23.83	-9.12
			CDD	AVG	52	40	50/58.8 (MCS11)	11.87	11.97	14.93	23.83	-8.90
			CDD	AVG	52	44	50/58.8 (MCS11)	11.56	11.60	14.59	23.83	-9.24
	5590	118	CDD	AVG	52	37	50/58.8 (MCS11)	11.89	11.71	14.81	23.83	-9.02
			CDD	AVG	52	40	50/58.8 (MCS11)	11.74	11.70	14.73	23.83	-9.10
			CDD	AVG	52	44	50/58.8 (MCS11)	11.65	11.69	14.68	23.83	-9.15
	5630	126	CDD	AVG	52	37	50/58.8 (MCS11)	11.89	11.99	14.95	23.83	-8.88
			CDD	AVG	52	40	50/58.8 (MCS11)	11.90	11.86	14.89	23.83	-8.94
			CDD	AVG	52	44	50/58.8 (MCS11)	11.86	11.90	14.89	23.83	-8.94
	5670	134	CDD	AVG	52	37	50/58.8 (MCS11)	10.87	10.83	13.86	23.83	-9.97
			CDD	AVG	52	40	50/58.8 (MCS11)	10.88	10.99	13.95	23.83	-9.88
			CDD	AVG	52	44	50/58.8 (MCS11)	10.54	10.61	13.59	23.83	-10.24
	5710	142	CDD	AVG	52	37	50/58.8 (MCS11)	11.69	11.86	14.79	23.83	-9.04
			CDD	AVG	52	40	50/58.8 (MCS11)	11.80	11.89	14.86	23.83	-8.97
			CDD	AVG	52	44	50/58.8 (MCS11)	11.78	11.70	14.75	23.83	-9.08

Table 7-79. FCC CDD/SDM 40MHz BW (UNII) Maximum Conducted Output Power (RU52)