

Beamforming Mode

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	18.82	18.49	146.84	21.67	21.99	Pass
40	5200	18.84	18.54	148.009	21.70	21.99	Pass
48	5240	18.83	18.51	147.341	21.68	21.99	Pass
52	5260	18.79	18.58	147.794	21.70	21.99	Pass
60	5300	18.81	18.63	148.978	21.73	21.99	Pass
64	5320	18.79	18.54	147.133	21.68	21.99	Pass
100	5500	18.39	18.35	137.415	21.38	21.99	Pass
116	5580	18.56	18.77	147.115	21.68	21.99	Pass
140	5700	18.14	18.20	131.232	21.18	21.99	Pass
*144 (U-NII-2C Band)	5720	16.52	16.90	93.852	19.72	20.81	Pass
*144 (U-NII-3 Band)	5720	8.66	9.13	15.53	11.91	27.99	Pass
149	5745	21.62	22.02	304.432	24.83	27.99	Pass
157	5785	21.47	21.99	298.406	24.75	27.99	Pass
165	5825	21.47	21.93	296.237	24.72	27.99	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. The directional gain = 5 dBi + 10log(2) = 8.01 dBi > 6 dBi, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(8.01-6)".

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	20.34	24.08 > 24
60	5300	20.33	24.08 > 24
64	5320	20.32	24.07 > 24
100	5500	20.31	24.07 > 24
116	5580	20.32	24.07 > 24
140	5700	20.31	24.07 > 24
144 (U-NII-2C Band)	5720	15.21	22.82 < 24

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	16.57	16.55	90.58	19.57	21.99	Pass
46	5230	18.60	18.68	146.234	21.65	21.99	Pass
54	5270	18.51	18.84	147.517	21.69	21.99	Pass
62	5310	16.50	16.74	91.875	19.63	21.99	Pass
102	5510	15.17	15.27	66.536	18.23	21.99	Pass
110	5550	18.45	18.76	145.146	21.62	21.99	Pass
134	5670	18.51	18.61	143.568	21.57	21.99	Pass
*142 (U-NII-2C Band)	5710	16.98	17.61	107.565	20.32	21.99	Pass
*142 (U-NII-3 Band)	5710	3.97	4.70	5.446	7.36	27.99	Pass
151	5755	20.65	21.05	243.495	23.86	27.99	Pass
159	5795	20.58	21.06	241.932	23.84	27.99	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. The directional gain = 5 dBi + $10\log(2)$ = 8.01 dBi > 6 dBi, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(8.01-6)".

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + $10\log B$ < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	51.5	28.11 > 24
62	5310	40.77	27.1 > 24
102	5510	40.71	27.09 > 24
110	5550	44.88	27.52 > 24
134	5670	40.76	27.1 > 24
142 (U-NII-2C Band)	5710	37.86	26.78 > 24

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	15.56	15.43	70.889	18.51	21.99	Pass
58	5290	16.86	16.62	94.449	19.75	21.99	Pass
106	5530	15.35	15.29	68.083	18.33	21.99	Pass
122	5610	18.61	18.77	147.946	21.70	21.99	Pass
*138 (U-NII-2C Band)	5690	17.11	17.62	109.214	20.38	21.99	Pass
*138 (U-NII-3 Band)	5690	2.85	3.12	3.979	6.00	27.99	Pass
155	5775	20.06	20.43	211.799	23.26	27.99	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. The directional gain = 5 dBi + 10log(2) = 8.01 dBi > 6 dBi, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(8.01-6)".

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	82.17	30.14 > 24
106	5530	82.24	30.15 > 24
122	5610	82.33	30.15 > 24
138 (U-NII-2C Band)	5690	76.21	29.82 > 24

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	19.06	18.76	155.7	21.92	21.99	Pass
40	5200	19.10	18.77	156.619	21.95	21.99	Pass
48	5240	19.09	18.73	155.741	21.92	21.99	Pass
52	5260	19.03	18.83	156.367	21.94	21.99	Pass
60	5300	19.01	18.84	156.176	21.94	21.99	Pass
64	5320	19.06	18.78	156.047	21.93	21.99	Pass
100	5500	18.64	18.62	145.892	21.64	21.99	Pass
116	5580	18.84	18.98	155.628	21.92	21.99	Pass
140	5700	18.32	18.38	136.786	21.36	21.99	Pass
*144 (U-NII-2C Band)	5720	16.78	17.20	100.124	20.01	20.81	Pass
*144 (U-NII-3 Band)	5720	8.83	9.46	16.469	12.17	27.99	Pass
149	5745	21.83	22.25	320.286	25.06	27.99	Pass
157	5785	21.75	22.21	315.965	25.00	27.99	Pass
165	5825	21.72	22.22	315.318	24.99	27.99	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. The directional gain = 5 dBi + 10log(2) = 8.01 dBi > 6 dBi, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(8.01-6)".

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	20.34	24.08 > 24
60	5300	20.33	24.08 > 24
64	5320	20.32	24.07 > 24
100	5500	20.31	24.07 > 24
116	5580	20.32	24.07 > 24
140	5700	20.31	24.07 > 24
144 (U-NII-2C Band)	5720	15.21	22.82 < 24

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	16.84	16.77	95.839	19.82	21.99	Pass
46	5230	18.89	18.93	155.609	21.92	21.99	Pass
54	5270	18.77	19.06	155.873	21.93	21.99	Pass
62	5310	16.79	16.96	97.412	19.89	21.99	Pass
102	5510	15.41	15.52	70.399	18.48	21.99	Pass
110	5550	18.74	19.01	154.433	21.89	21.99	Pass
134	5670	18.66	18.76	148.614	21.72	21.99	Pass
*142 (U-NII-2C Band)	5710	17.32	17.74	113.38	20.55	21.99	Pass
*142 (U-NII-3 Band)	5710	4.26	4.88	5.743	7.59	27.99	Pass
151	5755	20.87	21.30	257.076	24.10	27.99	Pass
159	5795	20.84	21.31	256.546	24.09	27.99	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. The directional gain = 5 dBi + 10log(2) = 8.01 dBi > 6 dBi, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(8.01-6)".

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	51.5	28.11 > 24
62	5310	40.77	27.1 > 24
102	5510	40.71	27.09 > 24
110	5550	44.88	27.52 > 24
134	5670	40.76	27.1 > 24
142 (U-NII-2C Band)	5710	37.86	26.78 > 24

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	15.76	15.67	74.568	18.73	21.99	Pass
58	5290	17.07	16.89	99.798	19.99	21.99	Pass
106	5530	15.52	15.46	70.801	18.50	21.99	Pass
122	5610	18.88	18.98	156.336	21.94	21.99	Pass
*138 (U-NII-2C Band)	5690	17.44	17.88	116.839	20.68	21.99	Pass
*138 (U-NII-3 Band)	5690	3.14	3.35	4.223	6.26	27.99	Pass
155	5775	20.26	20.72	224.202	23.51	27.99	Pass

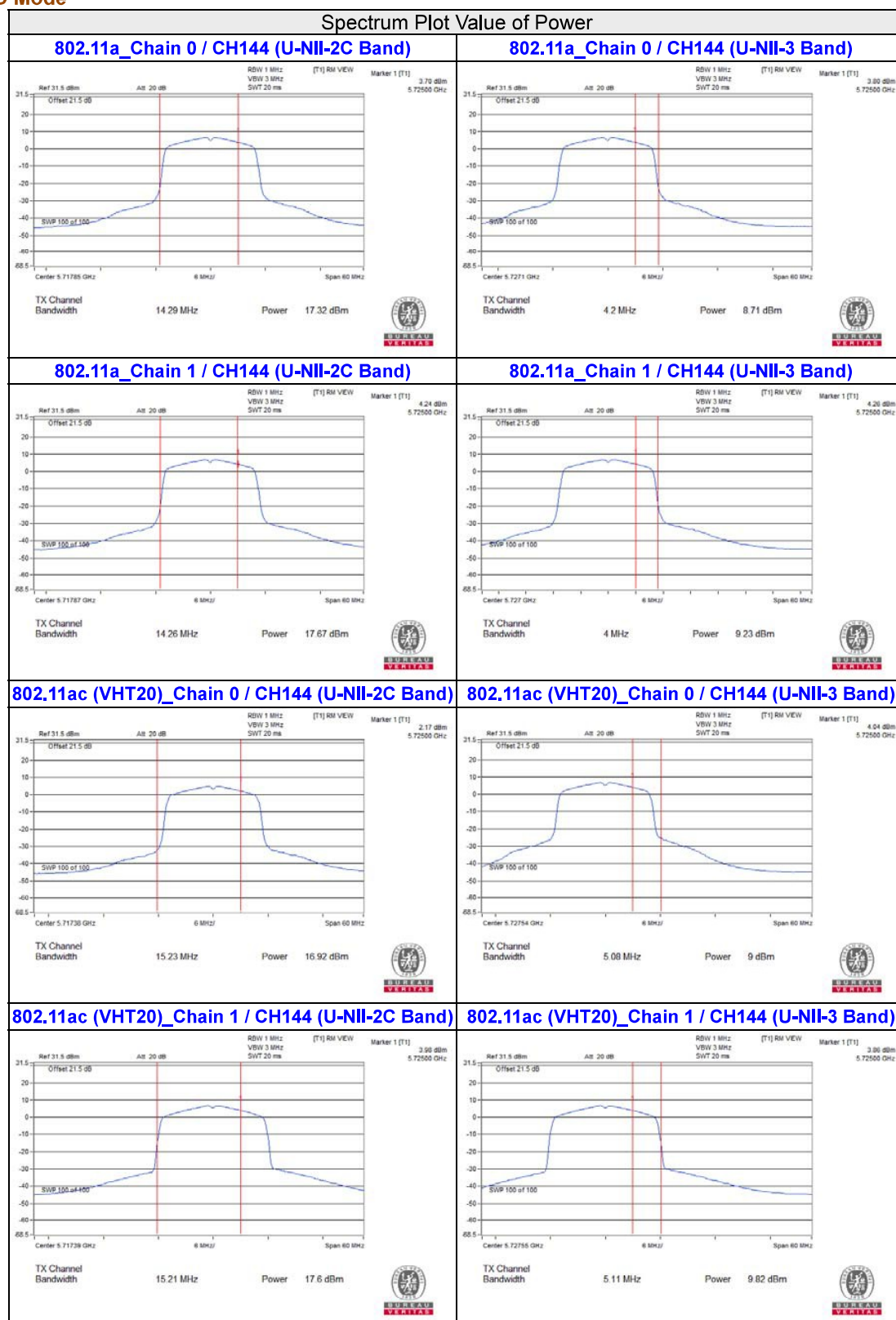
Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. The directional gain = 5 dBi + 10log(2) = 8.01 dBi > 6 dBi, therefore the limit needs to reduce, so the power limit shall be reduced to "Determined Conducted Limit-(8.01-6)".

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

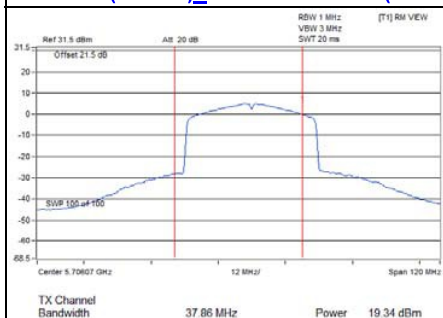
Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	82.17	30.14 > 24
106	5530	82.24	30.15 > 24
122	5610	82.33	30.15 > 24
138 (U-NII-2C Band)	5690	76.21	29.82 > 24

For channel straddling 5725MHz of Power
CDD Mode

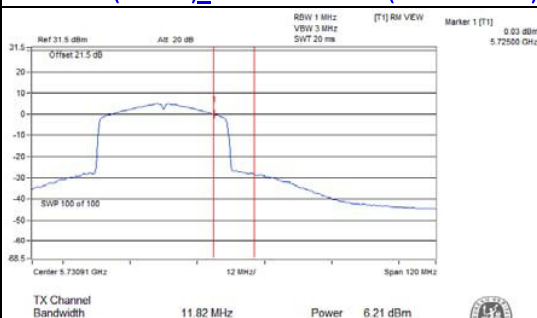


Spectrum Plot Value of Power

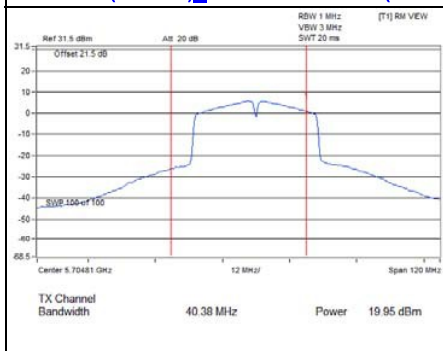
802.11ac (VHT40)_Chain 0 / CH142 (U-NII-2C Band)



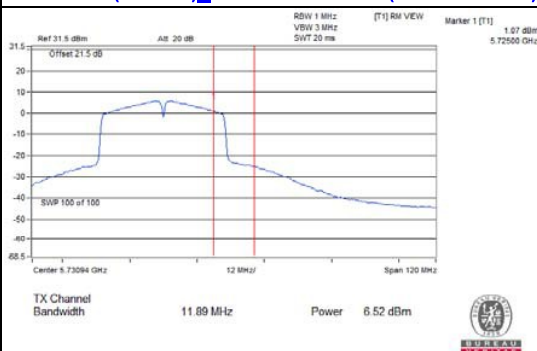
802.11ac (VHT40)_Chain 0 / CH142 (U-NII-3 Band)



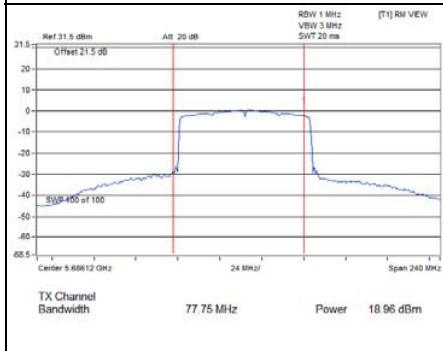
802.11ac (VHT40)_Chain 1 / CH142 (U-NII-2C Band)



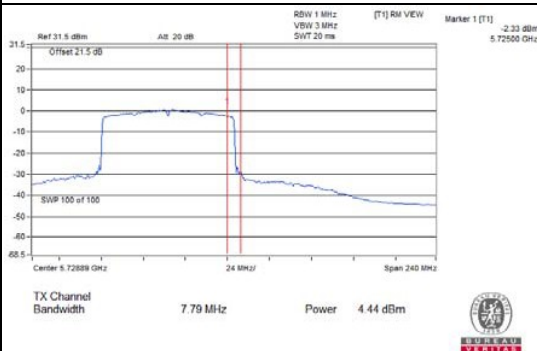
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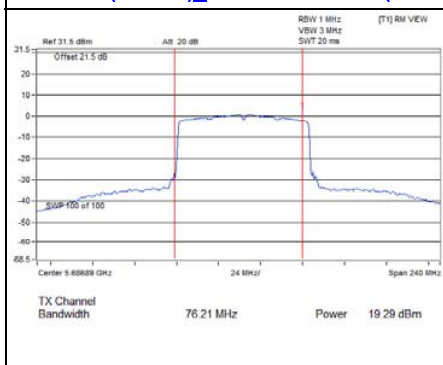
802.11ac (VHT80)_Chain 0 / CH138 (U-NII-2C Band)



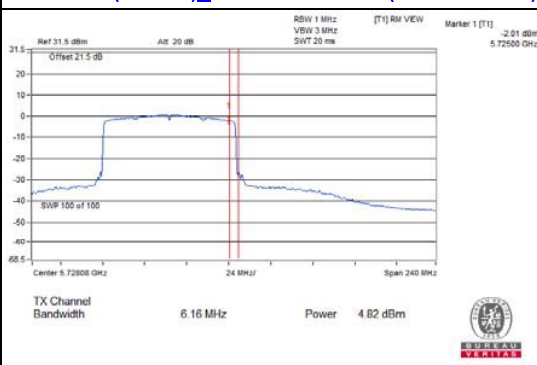
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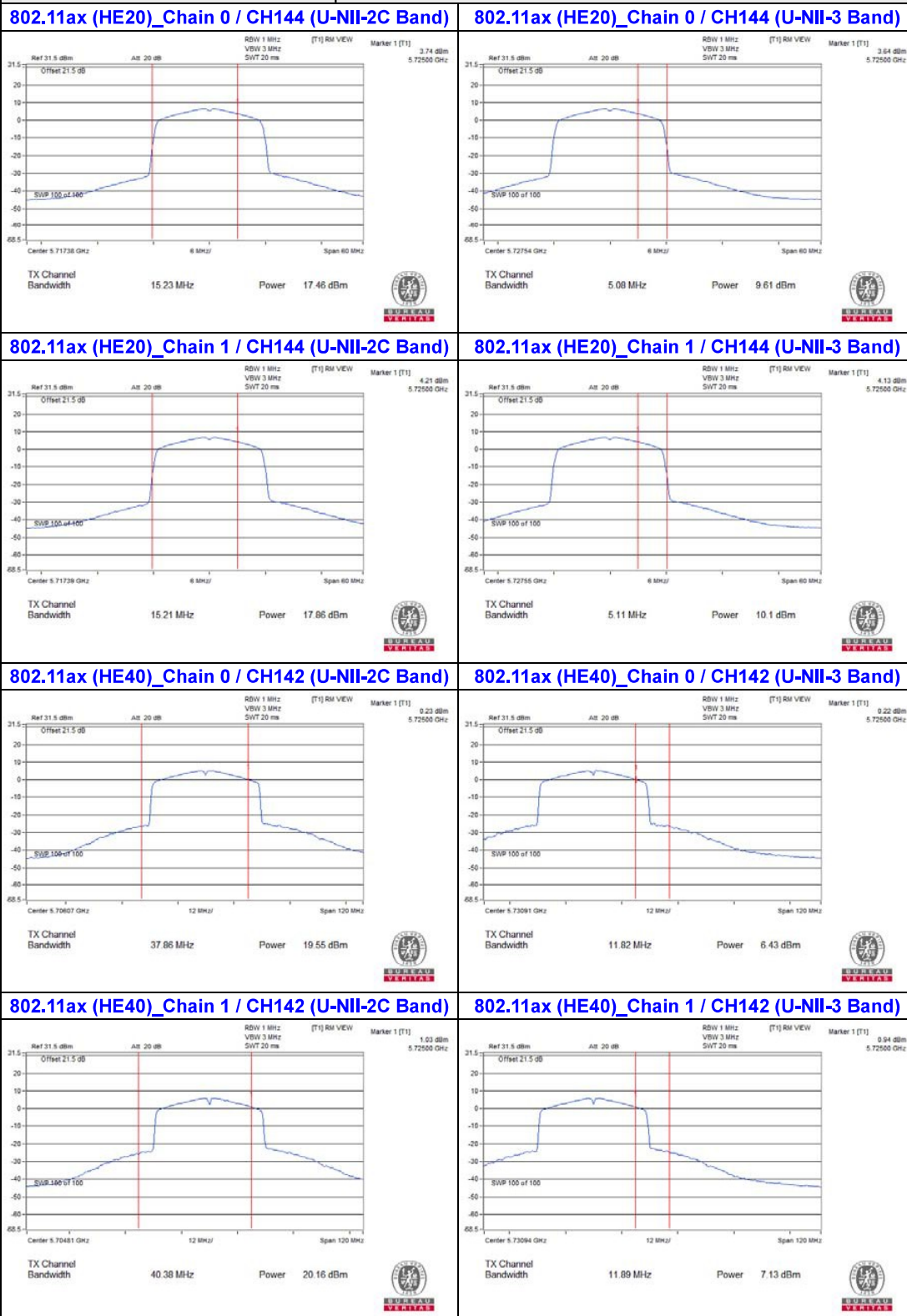
802.11ac (VHT80)_Chain 1 / CH138 (U-NII-2C Band)



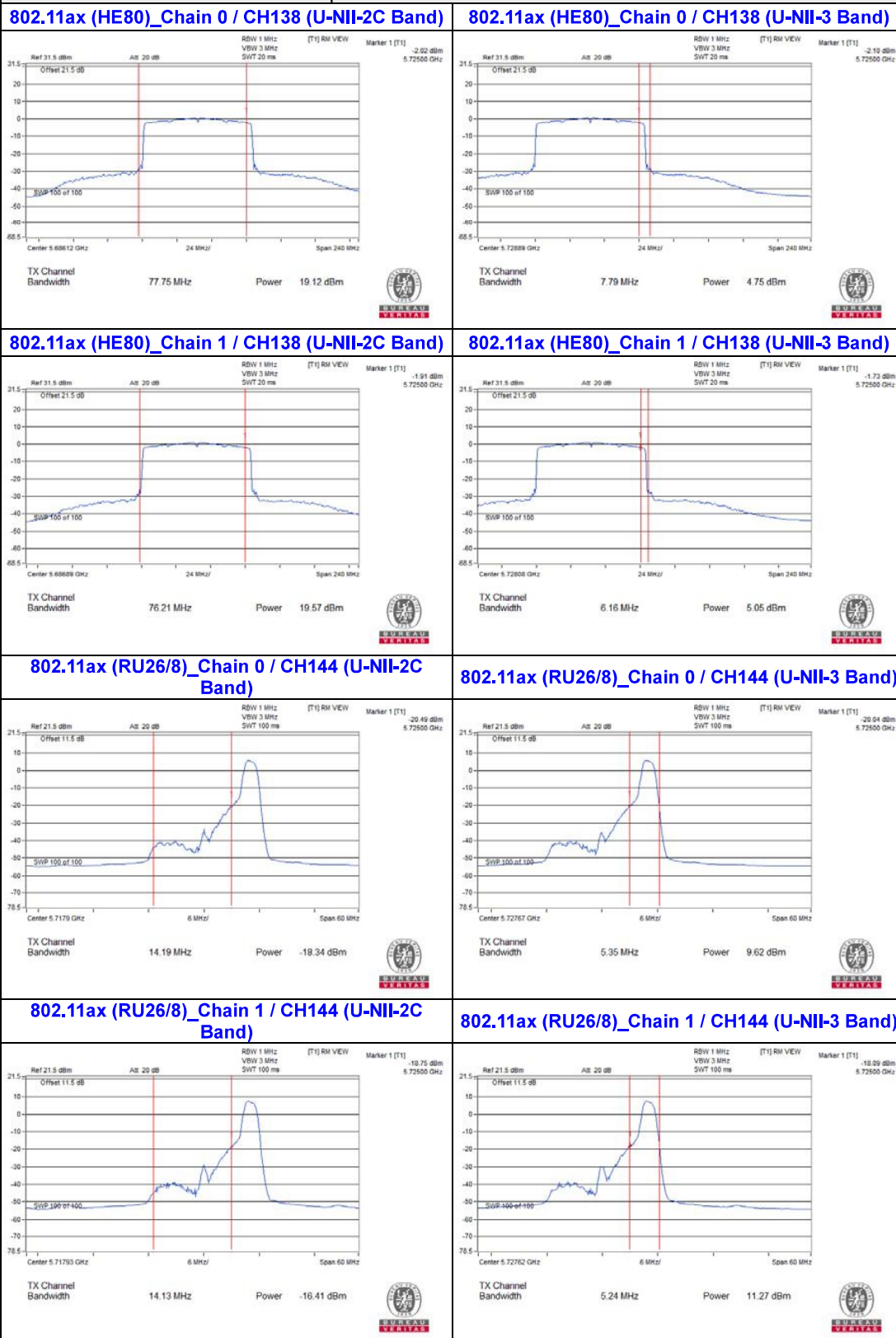
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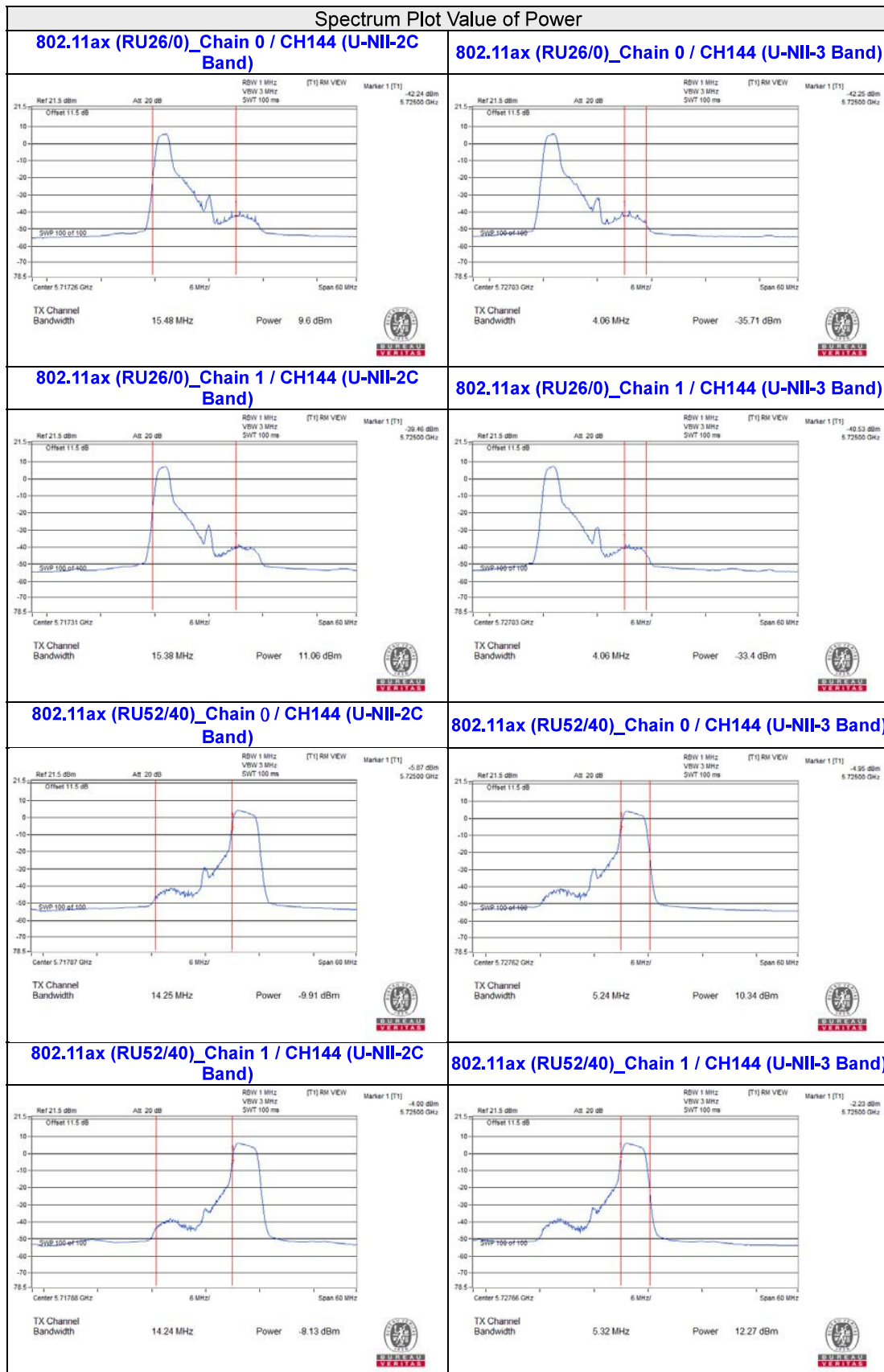


Spectrum Plot Value of Power



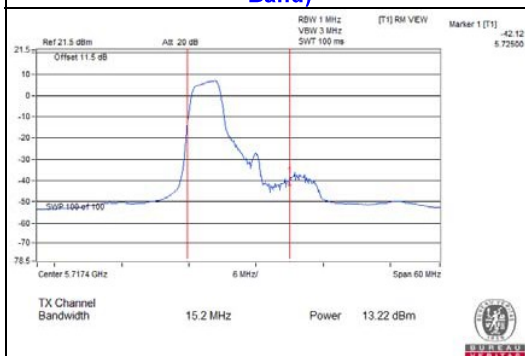
Spectrum Plot Value of Power



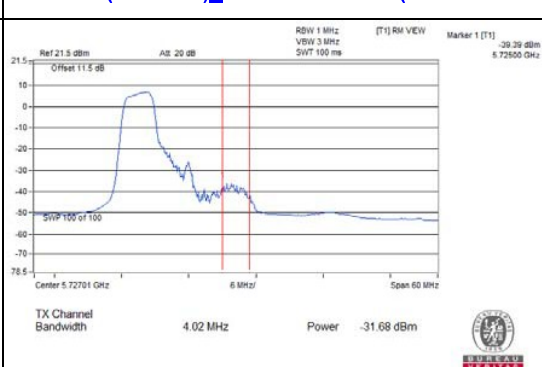


Spectrum Plot Value of Power

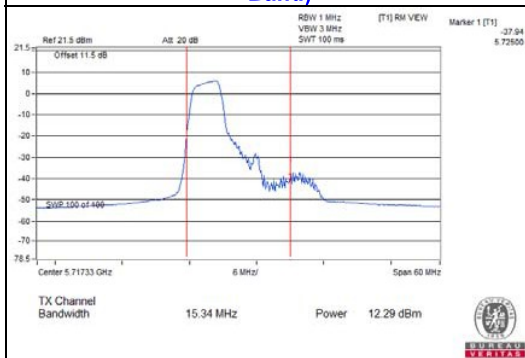
802.11ax (RU52/37)_Chain 0 / CH144 (U-NII-2C Band)



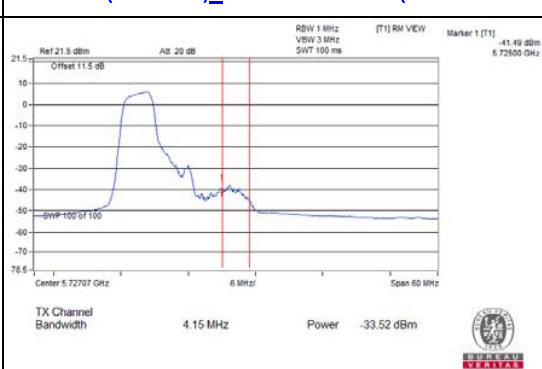
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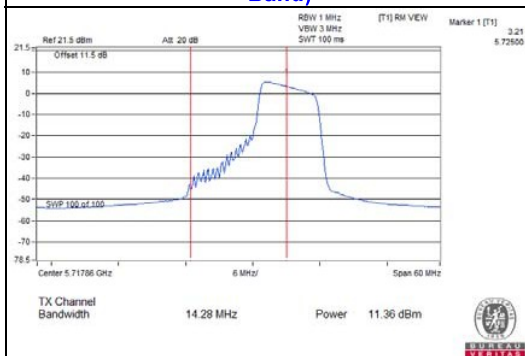
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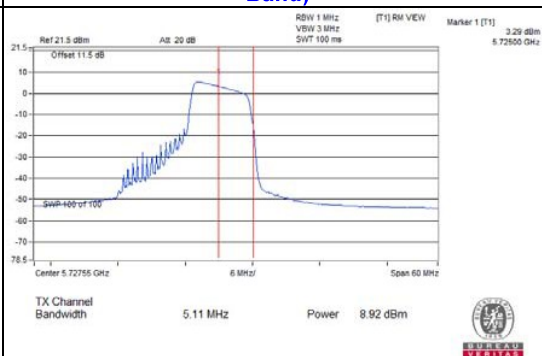
802.11ax (RU52/37)_Chain 1 / CH144 (U-NII-3 Band)



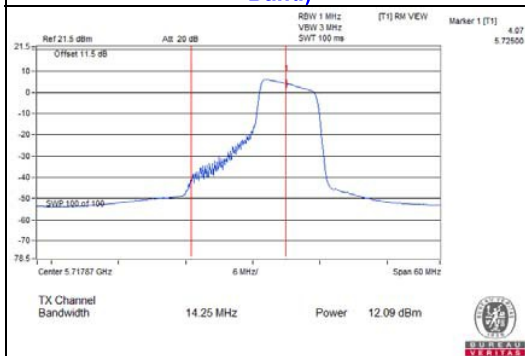
802.11ax (RU106/54)_Chain 0 / CH144 (U-NII-2C Band)



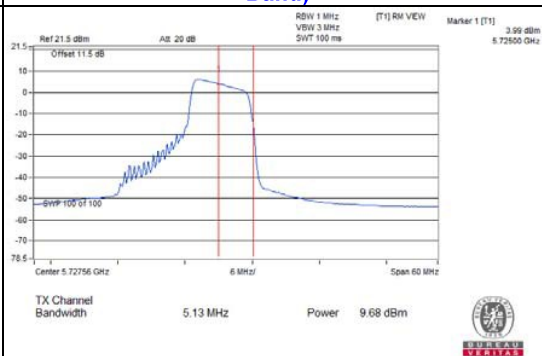
802.11ax (RU106/54)_Chain 0 / CH144 (U-NII-3 Band)



802.11ax (RU106/54)_Chain 1 / CH144 (U-NII-2C Band)

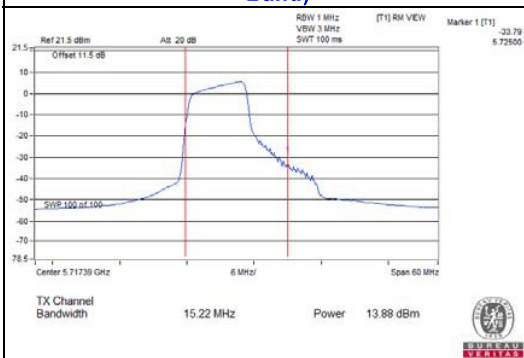


802.11ax (RU106/54)_Chain 1 / CH144 (U-NII-3 Band)

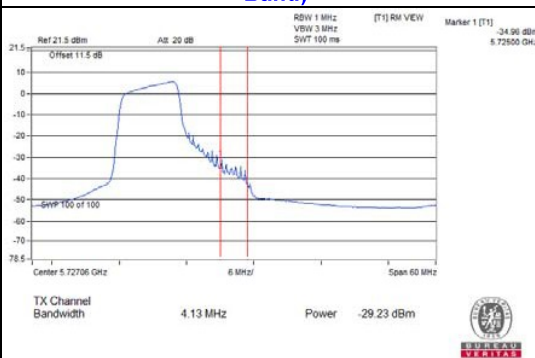


Spectrum Plot Value of Power

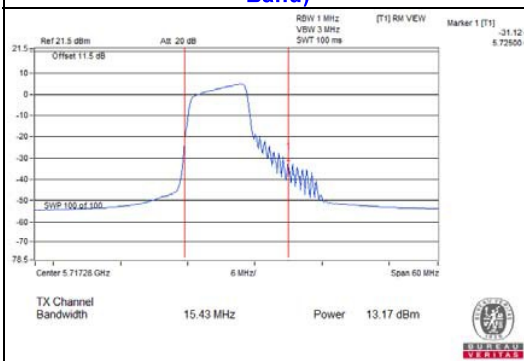
802.11ax (RU106/53)_Chain 0 / CH144 (U-NII-2C Band)



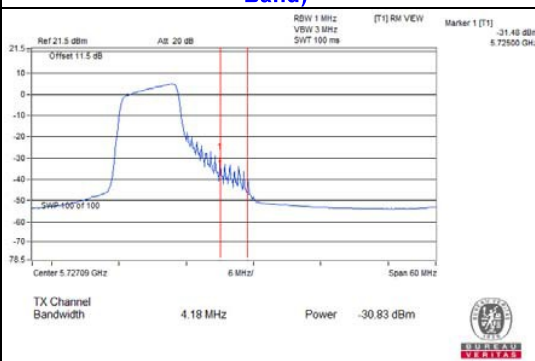
802.11ax (RU106/53)_Chain 0 / CH144 (U-NII-3 Band)



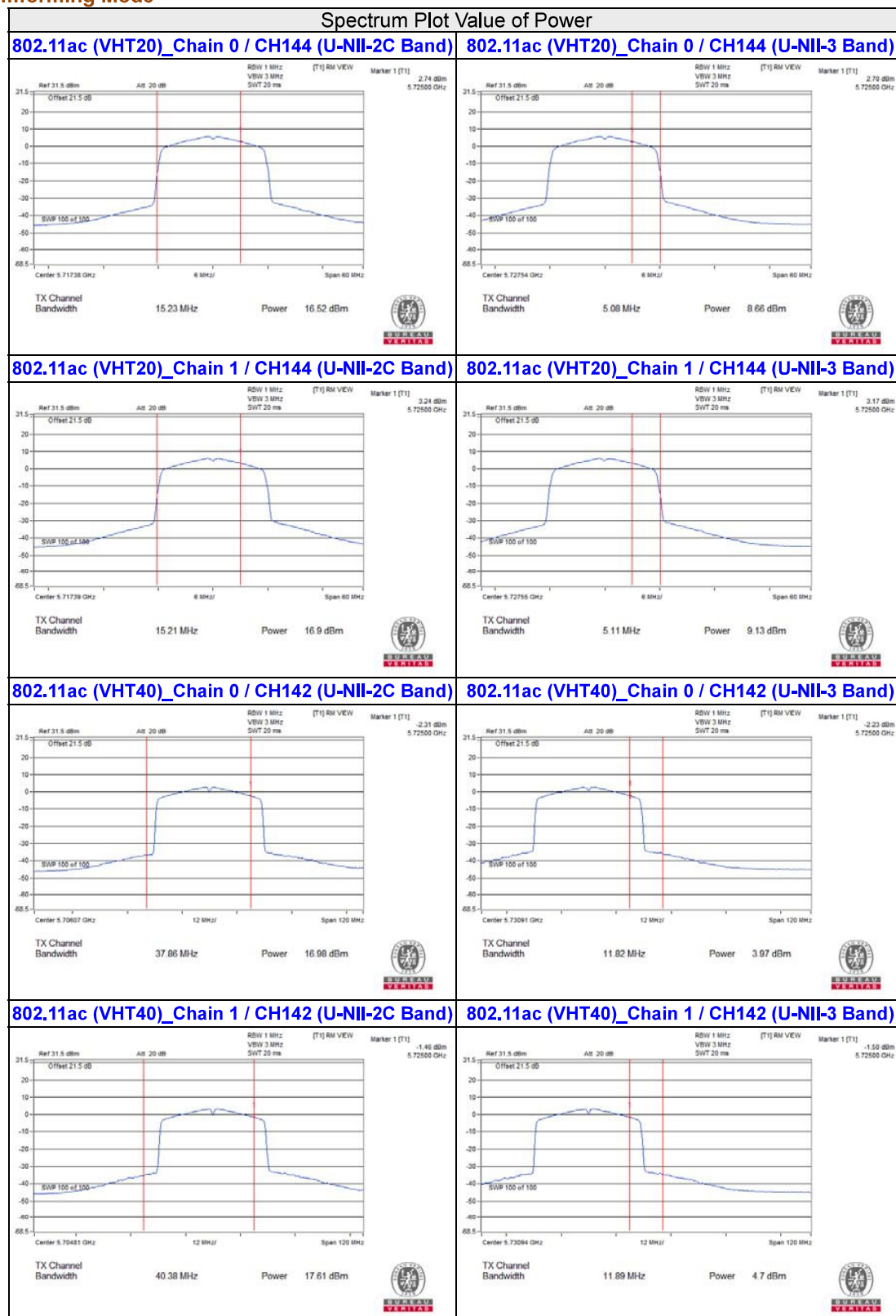
802.11ax (RU106/53)_Chain 1 / CH144 (U-NII-2C Band)



802.11ax (RU106/53)_Chain 1 / CH144 (U-NII-3 Band)

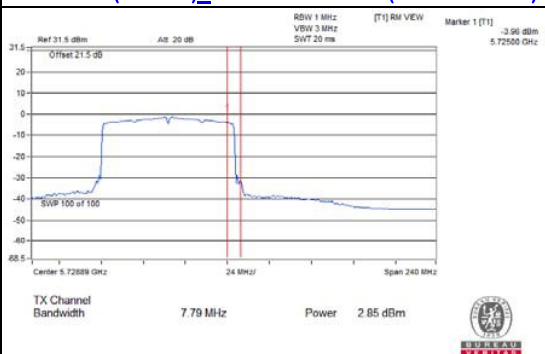
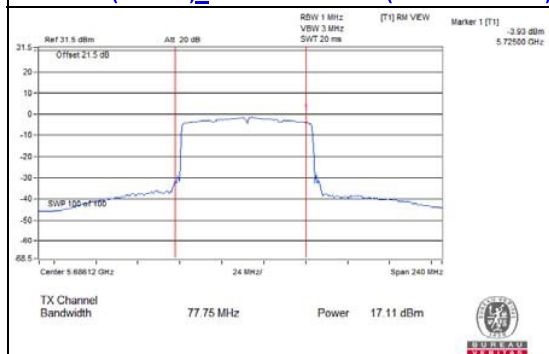


Beamforming Mode

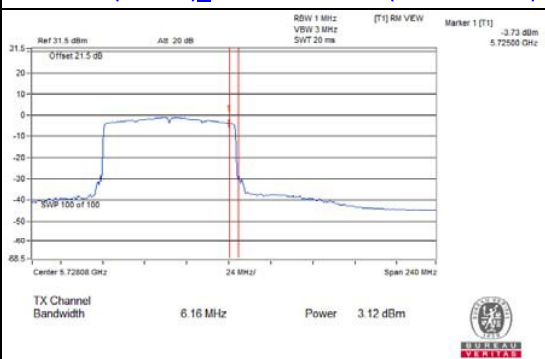
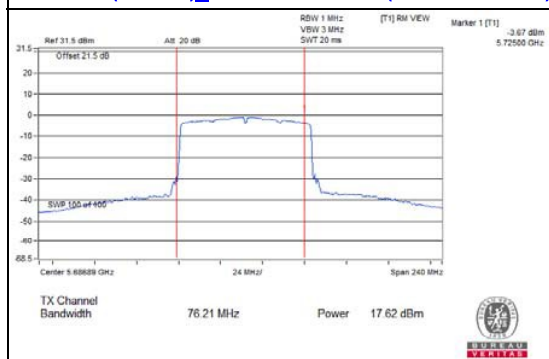


Spectrum Plot Value of Power

802.11ac (VHT80)_Chain 0 / CH138 (U-NII-2C Band)

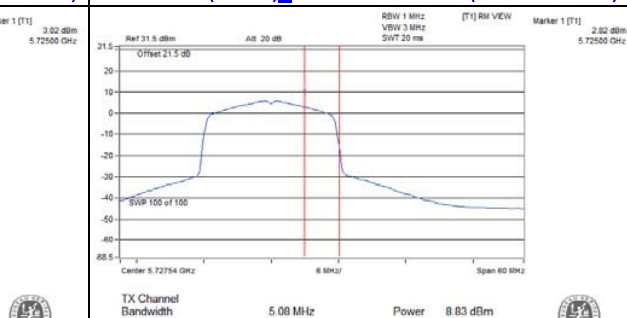
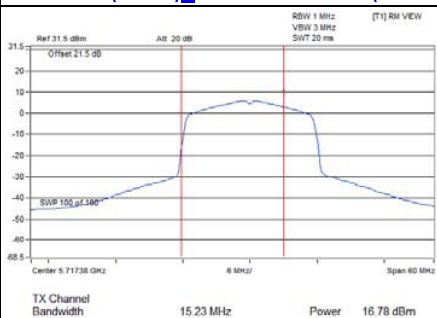


802.11ac (VHT80)_Chain 1 / CH138 (U-NII-2C Band)

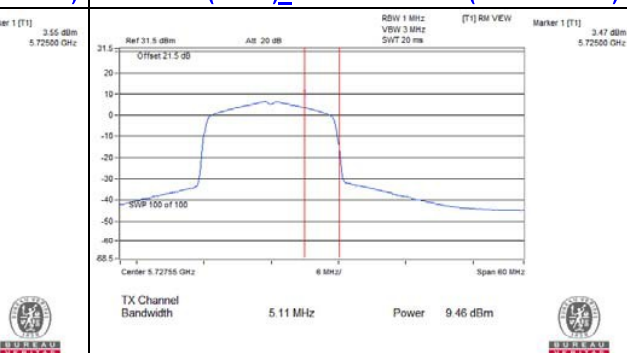
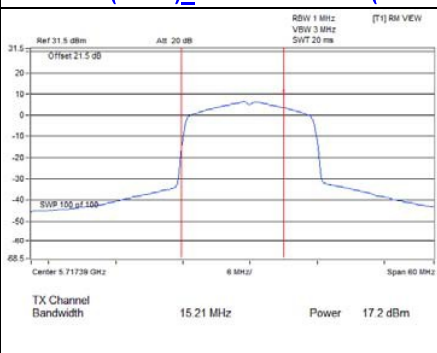


Spectrum Plot Value of Power

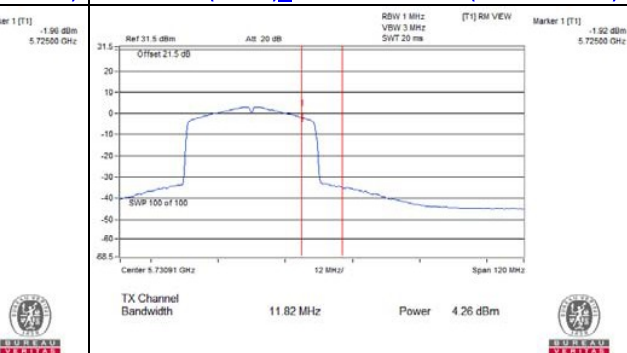
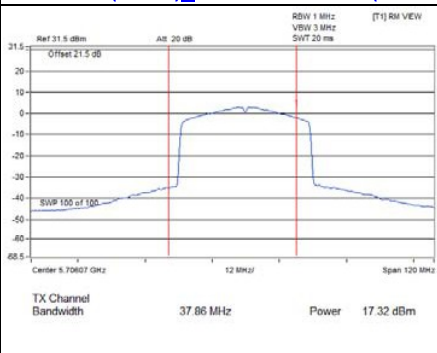
802.11ax (HE20)_Chain 0 / CH144 (U-NII-2C Band) 802.11ax (HE20)_Chain 0 / CH144 (U-NII-3 Band)



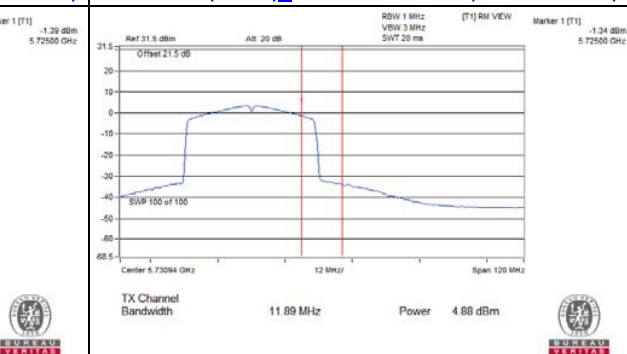
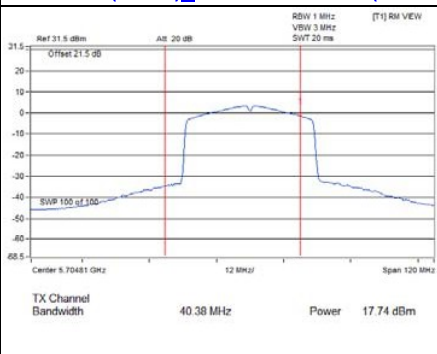
802.11ax (HE20)_Chain 1 / CH144 (U-NII-2C Band) 802.11ax (HE20)_Chain 1 / CH144 (U-NII-3 Band)



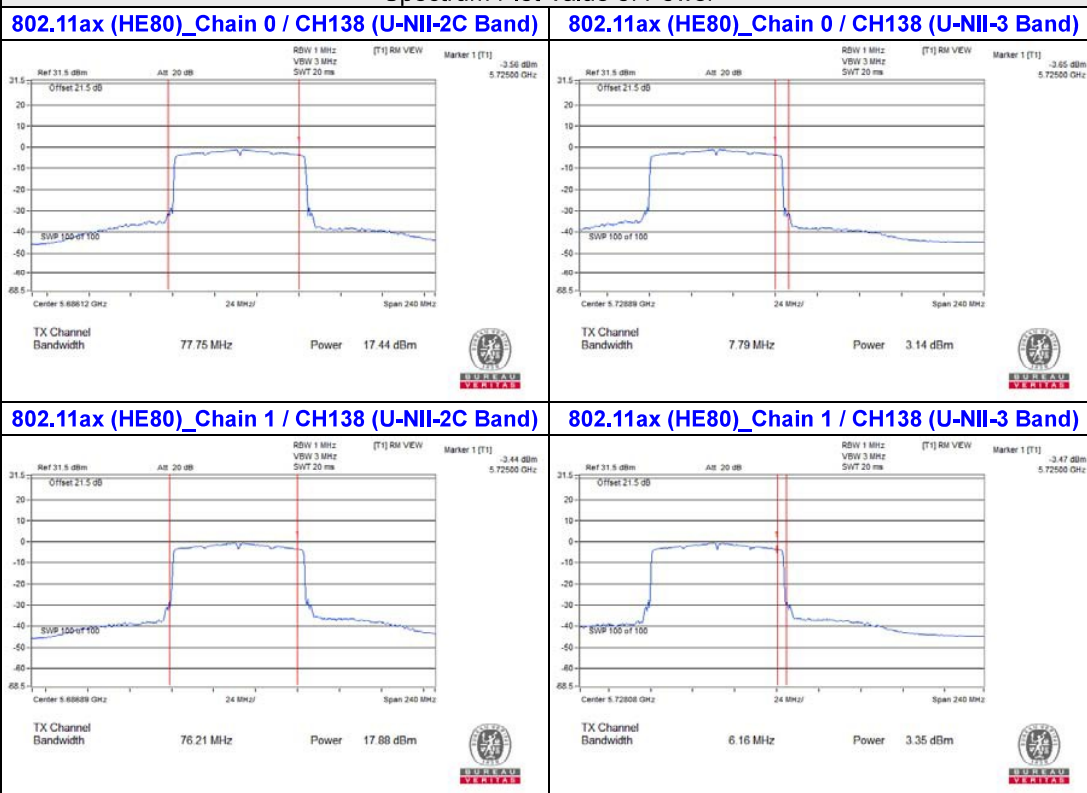
802.11ax (HE40)_Chain 0 / CH142 (U-NII-2C Band) 802.11ax (HE40)_Chain 0 / CH142 (U-NII-3 Band)



802.11ax (HE40)_Chain 1 / CH142 (U-NII-2C Band) 802.11ax (HE40)_Chain 1 / CH142 (U-NII-3 Band)



Spectrum Plot Value of Power



26dB OCCUPIED BANDWIDTH

CDD Mode

802.11a

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
52	5260	18.47	18.17
60	5300	18.45	18.14
64	5320	18.42	18.1
100	5500	18.41	18.09
116	5580	18.44	18.15
140	5700	18.46	18.13
144 (U-NII-2C Band)	5720	14.29	14.26

802.11ax (HE20)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
52	5260	20.46	20.34
60	5300	20.46	20.33
64	5320	20.5	20.32
100	5500	20.45	20.31
116	5580	20.45	20.32
140	5700	20.44	20.31
144 (U-NII-2C Band)	5720	15.23	15.21

802.11ax (HE40)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
54	5270	61.91	51.5
62	5310	40.77	40.85
102	5510	40.71	40.84
110	5550	49.85	44.88
134	5670	40.76	40.9
142 (U-NII-2C Band)	5710	37.86	40.38

802.11ax (HE80)

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
		Chain0	Chain1
58	5290	82.17	82.58
106	5530	82.24	82.63
122	5610	82.33	82.5
138 (U-NII-2C Band)	5690	77.75	76.21

802.11ax (RU26)

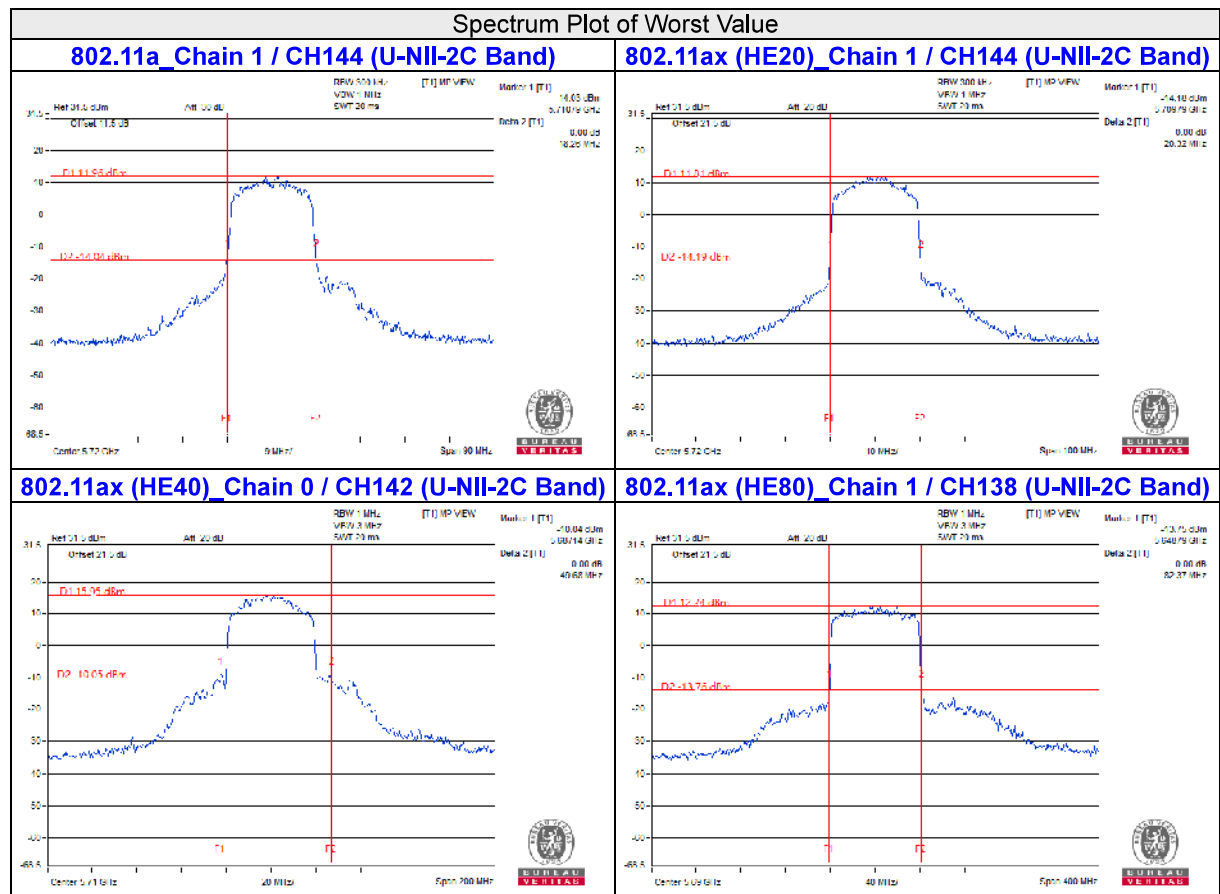
RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
26/0	52	5260	17.76	17.76
26/4	60	5300	14.76	14.88
26/8	64	5320	17.88	17.88
26/0	100	5500	17.76	17.76
26/4	116	5580	14.88	14.88
26/8	140	5700	18	17.88
26/8	144 (U-NII-2C Band)	5720	13.28	13.28
26/0	144 (U-NII-2C Band)	5720	15.48	15.38

802.11ax (RU52)

RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
52/37	52	5260	19.45	19.3
52/39	60	5300	18.22	18.19
52/40	64	5320	19.5	19.61
52/37	100	5500	19.49	19.29
52/39	116	5580	18.17	18.19
52/40	140	5700	19.48	19.58
52/40	144 (U-NII-2C Band)	5720	14.25	14.24
52/37	144 (U-NII-2C Band)	5720	15.2	15.34

802.11ax (RU106)

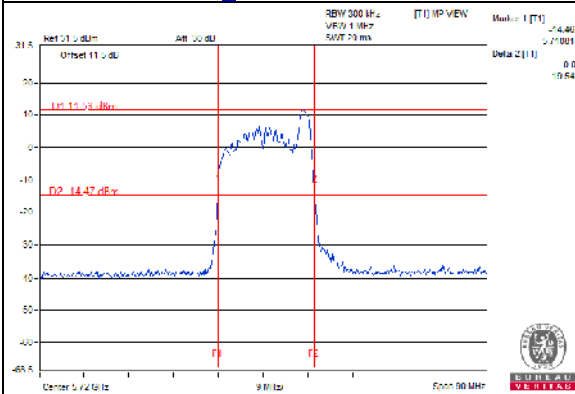
RU Configuration	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	
			Chain0	Chain1
106/53	52	5260	19.58	19.36
106/54	60	5300	19.38	19.42
106/54	64	5320	19.4	19.39
106/53	100	5500	19.6	19.38
106/53	116	5580	19.56	19.35
106/54	140	5700	19.38	19.4
106/54	144 (U-NII-2C Band)	5720	14.28	14.25
106/53	144 (U-NII-2C Band)	5720	15.22	15.43



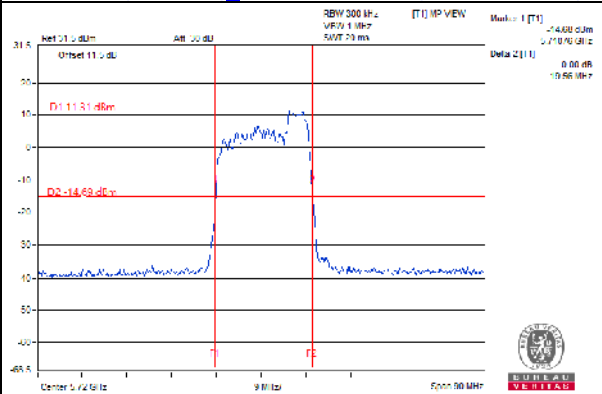
Note: For CH144 (U-NII-2C) = 5725MHz - Marker 1

Spectrum Plot of Worst Value

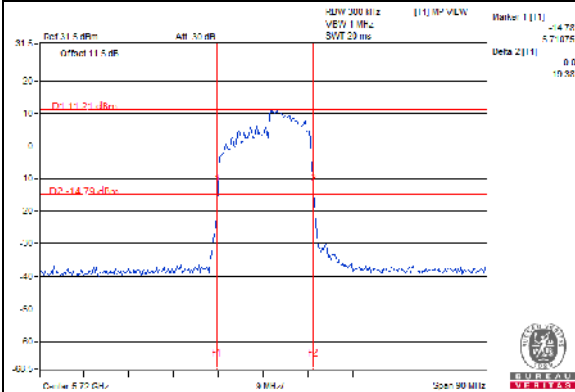
802.11ax (RU26/8)_Chain 0 / CH144 (U-NII-2C Band)



802.11ax (RU52/40)_Chain 1 / CH144 (U-NII-2C Band)

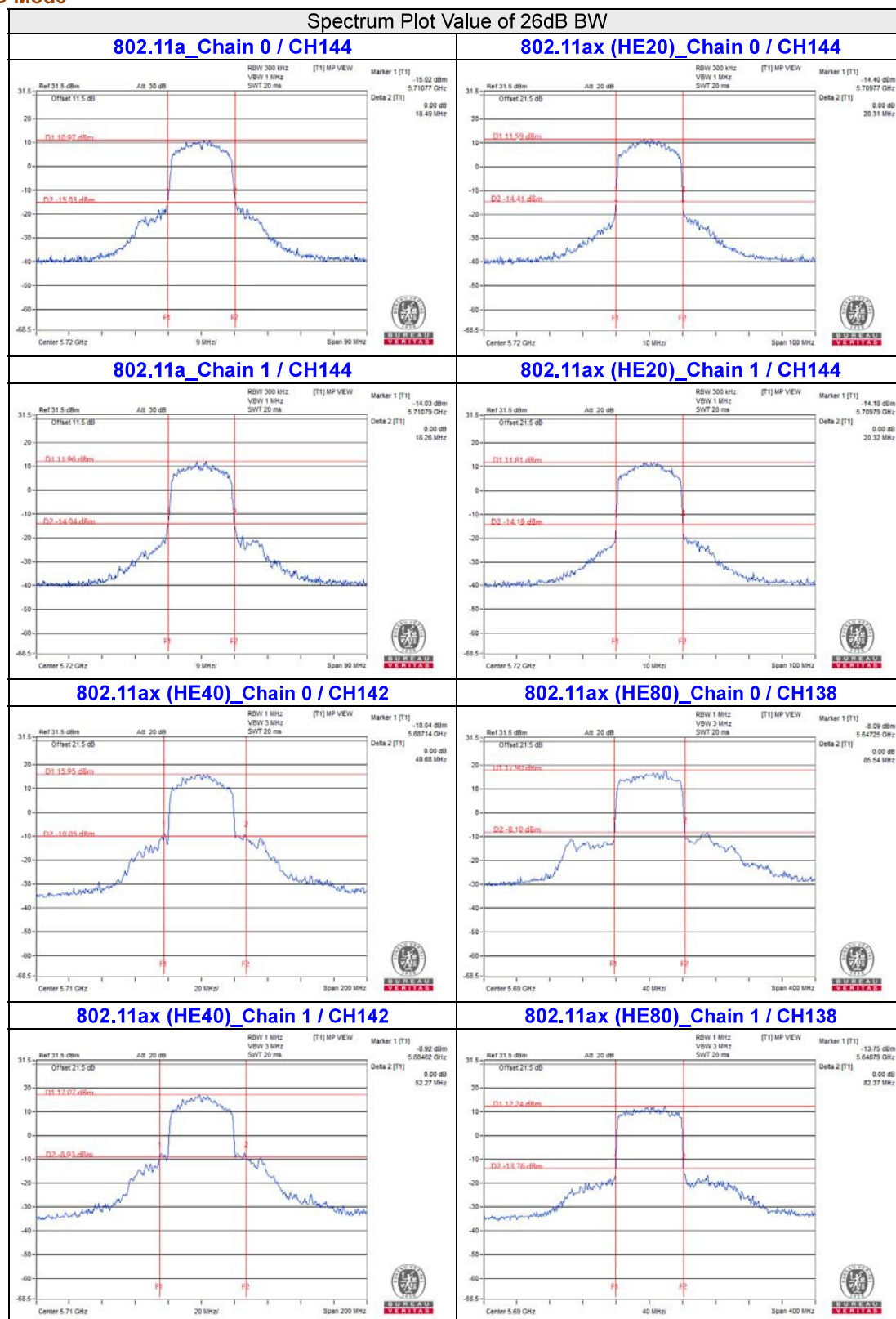


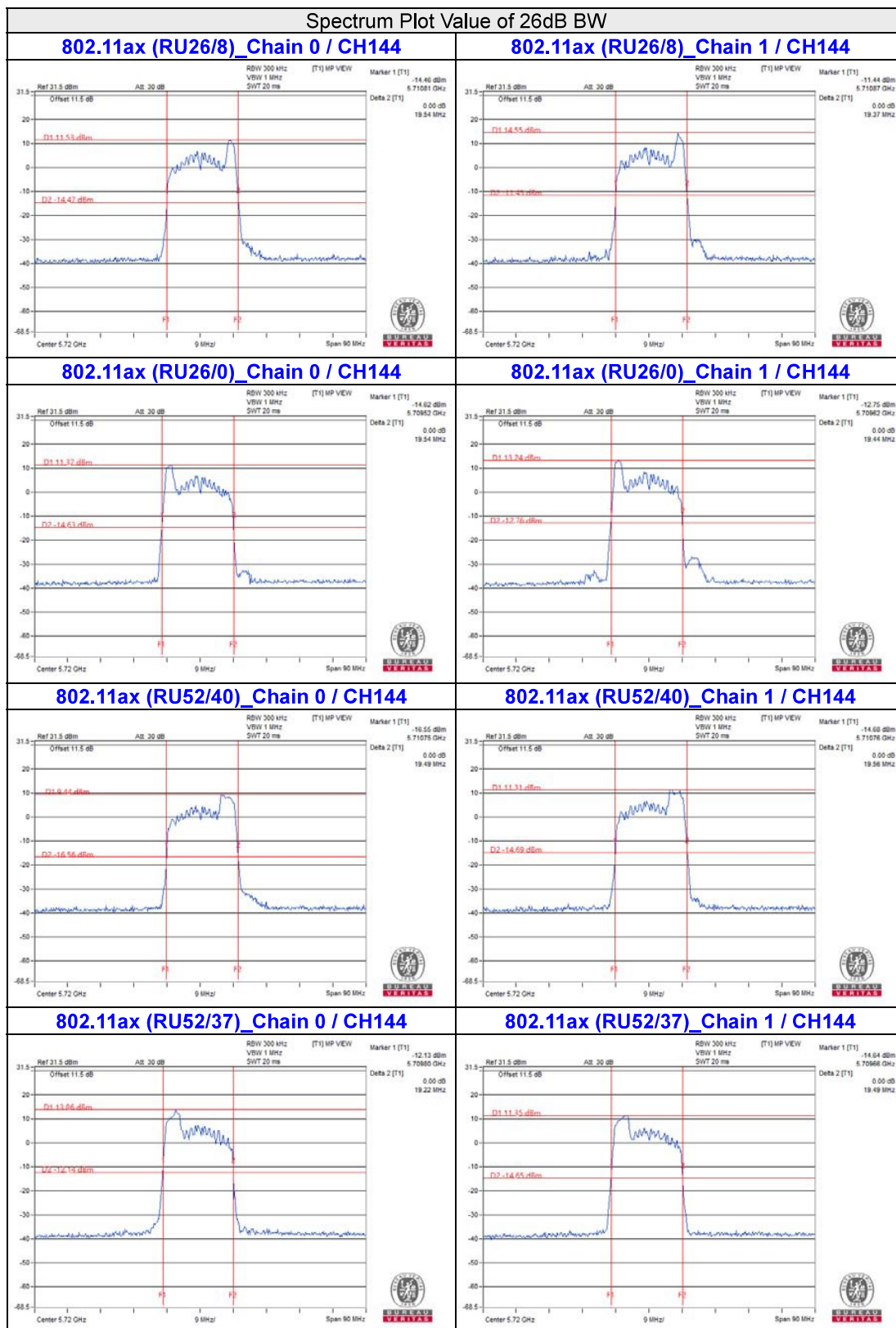
802.11ax (RU106/54)_Chain 1 / CH144 (U-NII-2C Band)

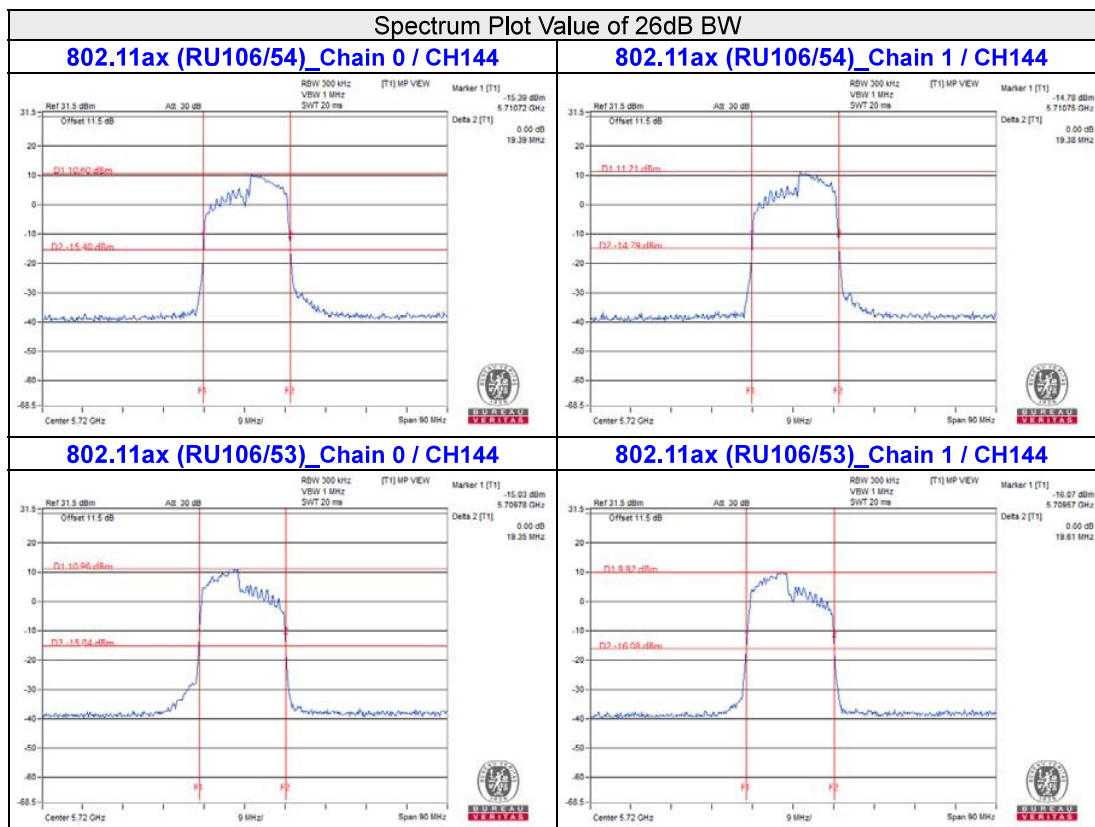


Note: For CH144 (U-NII-2C) = 5725MHz - Marker 1

For channel straddling 5725MHz of 26dB BW
CDD Mode







4.3.8 Test Results (Mode 2)

POWER OUTPUT

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
36	5180	153.462	21.86	24	Pass
40	5200	172.187	22.36	24	Pass
48	5240	171.002	22.33	24	Pass
52	5260	172.187	22.36	24	Pass
60	5300	168.267	22.26	24	Pass
64	5320	132.739	21.23	24	Pass
100	5500	108.893	20.37	24	Pass
116	5580	170.216	22.31	24	Pass
140	5700	83.368	19.21	23.66	Pass
*144 (U-NII-2C Band)	5720	149.624	21.75	23.68	Pass
*144 (U-NII-3 Band)	5720	24.099	13.82	30	Pass
149	5745	170.608	22.32	30	Pass
157	5785	176.604	22.47	30	Pass
165	5825	172.584	22.37	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	36.17	26.58 > 24
60	5300	36	26.56 > 24
64	5320	35.82	26.54 > 24
100	5500	20.89	24.19 > 24
116	5580	35.99	26.56 > 24
140	5700	18.49	23.66 < 24
144 (U-NII-2C Band)	5720	18.54	23.68 < 24

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
36	5180	134.896	21.30	24	Pass
40	5200	162.93	22.12	24	Pass
48	5240	163.682	22.14	24	Pass
52	5260	169.434	22.29	24	Pass
60	5300	166.341	22.21	24	Pass
64	5320	116.681	20.67	24	Pass
100	5500	99.541	19.98	24	Pass
116	5580	167.109	22.23	24	Pass
140	5700	75.162	18.76	24	Pass
*144 (U-NII-2C Band)	5720	137.721	21.39	23.71	Pass
*144 (U-NII-3 Band)	5720	22.856	13.59	30	Pass
149	5745	166.725	22.22	30	Pass
157	5785	167.494	22.24	30	Pass
165	5825	162.93	22.12	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	28.22	25.5 > 24
60	5300	28.16	25.49 > 24
64	5320	20.47	24.11 > 24
100	5500	20.43	24.1 > 24
116	5580	27.88	25.45 > 24
140	5700	20.46	24.1 > 24
144 (U-NII-2C Band)	5720	28.22	23.71 < 24

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
38	5190	58.479	17.67	24	Pass
46	5230	133.66	21.26	24	Pass
54	5270	132.739	21.23	24	Pass
62	5310	64.565	18.10	24	Pass
102	5510	52.119	17.17	24	Pass
110	5550	132.13	21.21	24	Pass
134	5670	107.152	20.30	24	Pass
*142 (U-NII-2C Band)	5710	123.31	20.91	24	Pass
*142 (U-NII-3 Band)	5710	6.081	7.84	30	Pass
151	5755	130.017	21.14	30	Pass
159	5795	131.826	21.20	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	62.69	28.97 > 24
62	5310	40.74	27.1 > 24
102	5510	40.78	27.1 > 24
110	5550	63.6	29.03 > 24
134	5670	40.81	27.1 > 24
142 (U-NII-2C Band)	5710	40.65	27.09 > 24

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
42	5210	53.703	17.30	24	Pass
58	5290	60.674	17.83	24	Pass
106	5530	46.666	16.69	24	Pass
122	5610	116.145	20.65	24	Pass
*138 (U-NII-2C Band)	5690	109.084	20.38	24	Pass
*138 (U-NII-3 Band)	5690	4.006	6.03	30	Pass
155	5775	117.761	20.71	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	82.24	30.15 > 24
106	5530	82.19	30.14 > 24
122	5610	115.39	31.62 > 24
138 (U-NII-2C Band)	5690	77.68	29.9 > 24

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
36	5180	138.995	21.43	24	Pass
40	5200	167.109	22.23	24	Pass
48	5240	169.044	22.28	24	Pass
52	5260	173.38	22.39	24	Pass
60	5300	171.002	22.33	24	Pass
64	5320	121.06	20.83	24	Pass
100	5500	102.329	20.10	24	Pass
116	5580	171.791	22.35	24	Pass
140	5700	77.268	18.88	24	Pass
*144 (U-NII-2C Band)	5720	139.316	21.44	23.71	Pass
*144 (U-NII-3 Band)	5720	22.961	13.61	30	Pass
149	5745	170.216	22.31	30	Pass
157	5785	172.584	22.37	30	Pass
165	5825	167.109	22.23	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	28.22	25.5 > 24
60	5300	28.16	25.49 > 24
64	5320	20.47	24.11 > 24
100	5500	20.43	24.1 > 24
116	5580	27.88	25.45 > 24
140	5700	20.46	24.1 > 24
144 (U-NII-2C Band)	5720	18.67	23.71 < 24

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
38	5190	60.674	17.83	24	Pass
46	5230	137.088	21.37	24	Pass
54	5270	136.144	21.34	24	Pass
62	5310	66.527	18.23	24	Pass
102	5510	53.58	17.29	24	Pass
110	5550	137.088	21.37	24	Pass
134	5670	110.154	20.42	24	Pass
*142 (U-NII-2C Band)	5710	132.434	21.22	24	Pass
*142 (U-NII-3 Band)	5710	6.486	8.12	30	Pass
151	5755	134.586	21.29	30	Pass
159	5795	136.773	21.36	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	62.69	28.97 > 24
62	5310	40.74	27.1 > 24
102	5510	40.78	27.1 > 24
110	5550	63.6	29.03 > 24
134	5670	40.81	27.1 > 24
142 (U-NII-2C Band)	5710	40.65	27.09 > 24

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
42	5210	55.335	17.43	24	Pass
58	5290	62.806	17.98	24	Pass
106	5530	48.084	16.82	24	Pass
122	5610	120.504	20.81	24	Pass
*138 (U-NII-2C Band)	5690	113.501	20.55	24	Pass
*138 (U-NII-3 Band)	5690	4.285	6.32	30	Pass
155	5775	121.06	20.83	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	82.24	30.15 > 24
106	5530	82.19	30.14 > 24
122	5610	115.39	31.62 > 24
138 (U-NII-2C Band)	5690	77.68	29.9 > 24

802.11ax (RU26)

RU Configuration	Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
26/0	36	5180	27.227	14.35	24	Pass
26/4	40	5200	26.792	14.28	24	Pass
26/8	48	5240	27.102	14.33	24	Pass
26/0	52	5260	26.977	14.31	23.92	Pass
26/4	60	5300	26.915	14.30	23.51	Pass
26/8	64	5320	27.542	14.40	23.9	Pass
26/0	100	5500	27.416	14.38	23.92	Pass
26/4	116	5580	27.164	14.34	23.5	Pass
26/8	140	5700	26.915	14.30	23.91	Pass
26/8	*144 (U-NII-2C Band)	5720	0.04764	-13.22	22.51	Pass
26/8	*144 (U-NII-3 Band)	5720	26.002	14.15	30	Pass
26/0	*144 (U-NII-2C Band)	5720	24.717	13.93	22.9	Pass
26/0	*144 (U-NII-3 Band)	5720	0.0007015	-31.54	30	Pass
26/0	149	5745	170.216	22.31	30	Pass
26/4	157	5785	170.608	22.32	30	Pass
26/8	165	5825	171.791	22.35	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	19.62	23.92 < 24
60	5300	17.84	23.51 < 24
64	5320	19.53	23.9 < 24
100	5500	19.61	23.92 < 24
116	5580	17.81	23.5 < 24
140	5700	19.58	23.91 < 24
144 (U-NII-2C Band)	5720	14.18	22.51 < 24
144 (U-NII-2C Band)	5720	15.5	22.9 < 24

802.11ax (RU52)

RU Configuration	Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
52/37	36	5180	45.604	16.59	24	Pass
52/39	40	5200	45.814	16.61	24	Pass
52/40	48	5240	45.499	16.58	24	Pass
52/37	52	5260	48.306	16.84	23.9	Pass
52/39	60	5300	50.234	17.01	23.6	Pass
52/40	64	5320	48.865	16.89	23.9	Pass
52/37	100	5500	46.132	16.64	23.9	Pass
52/39	116	5580	47.206	16.74	23.6	Pass
52/40	140	5700	49.091	16.91	23.9	Pass
52/40	*144 (U-NII-2C Band)	5720	0.4732	-3.25	22.53	Pass
52/40	*144 (U-NII-3 Band)	5720	49.545	16.95	30	Pass
52/37	*144 (U-NII-2C Band)	5720	49.545	16.95	22.85	Pass
52/37	*144 (U-NII-3 Band)	5720	0.001245	-29.05	30	Pass
52/37	149	5745	171.791	22.35	30	Pass
52/39	157	5785	172.982	22.38	30	Pass
52/40	165	5825	174.181	22.41	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	19.51	23.9 < 24
60	5300	18.21	23.6 < 24
64	5320	19.51	23.9 < 24
100	5500	19.51	23.9 < 24
116	5580	18.23	23.6 < 24
140	5700	19.51	23.9 < 24
144 (U-NII-2C Band)	5720	14.24	22.53 < 24
144 (U-NII-2C Band)	5720	15.32	22.85 < 24

802.11ax (RU106)

RU Configuration	Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Limit (dBm)	Pass / Fail
106/53	36	5180	73.79	18.68	24	Pass
106/53	40	5200	72.111	18.58	24	Pass
106/54	48	5240	74.989	18.75	24	Pass
106/53	52	5260	74.302	18.71	23.91	Pass
106/54	60	5300	78.343	18.94	23.87	Pass
106/54	64	5320	77.09	18.87	23.87	Pass
106/53	100	5500	71.779	18.56	23.93	Pass
106/53	116	5580	73.282	18.65	23.92	Pass
106/54	140	5700	79.616	19.01	24	Pass
106/54	*144 (U-NII-2C Band)	5720	46.026	16.63	22.54	Pass
106/54	*144 (U-NII-3 Band)	5720	26.002	14.15	30	Pass
106/53	*144 (U-NII-2C Band)	5720	75.683	18.79	22.86	Pass
106/53	*144 (U-NII-3 Band)	5720	0.003846	-24.15	30	Pass
106/53	149	5745	173.38	22.39	30	Pass
106/54	157	5785	174.582	22.42	30	Pass
106/54	165	5825	176.198	22.46	30	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	19.55	23.91 < 24
60	5300	19.4	23.87 < 24
64	5320	19.39	23.87 < 24
100	5500	19.64	23.93 < 24
116	5580	19.63	23.92 < 24
140	5700	20.52	24.12 > 24
144 (U-NII-2C Band)	5720	14.28	22.54 < 24
144 (U-NII-2C Band)	5720	15.37	22.86 < 24

For channel straddling 5725MHz of Power

