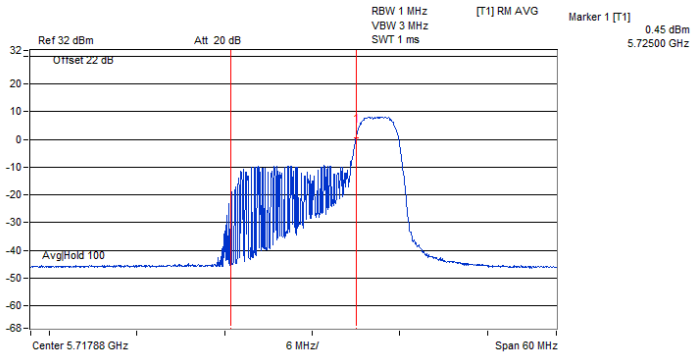
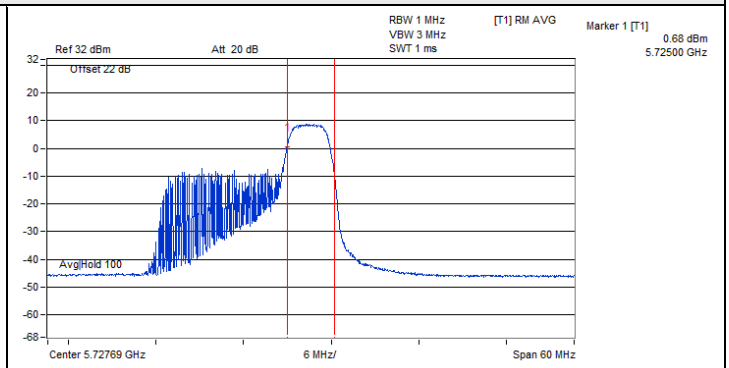
Spectrum Plot for channel straddling



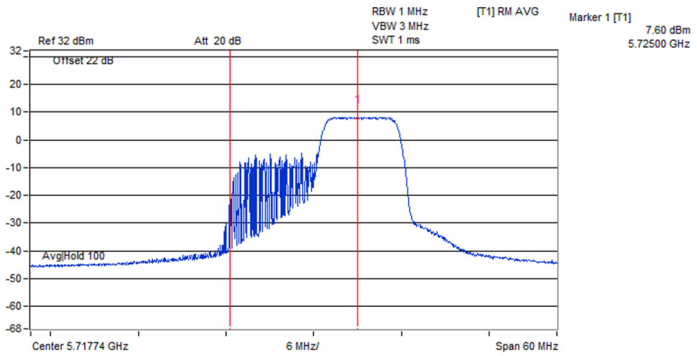
TX Channel Bandwidth 14.24 MHz Power -1.94 dBm

802.11be (EHT20) 52-tone RU 1S1T : CH 144 (U-NII-2C)



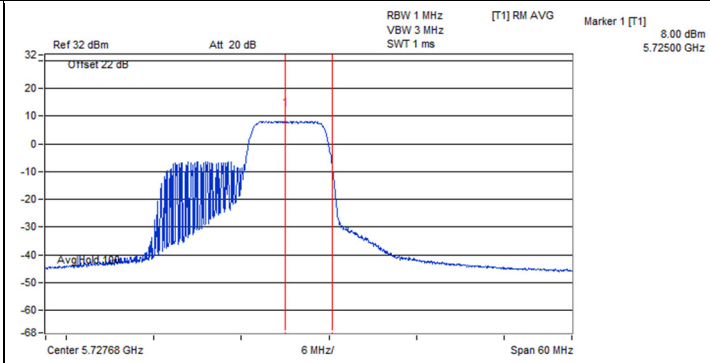
TX Channel Bandwidth 5.38 MHz Power 14.06 dBm

802.11be (EHT20) 52-tone RU 1S1T : CH 144 (U-NII-3)



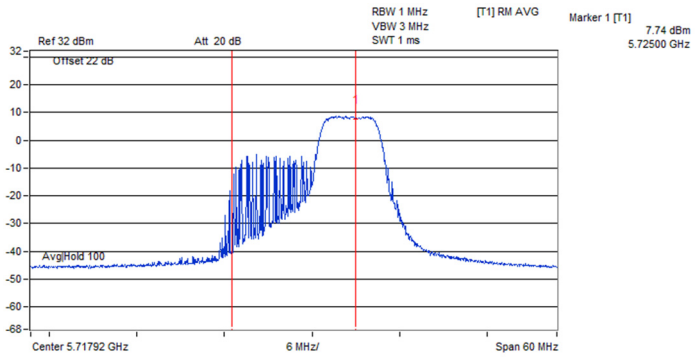
TX Channel Bandwidth 14.52 MHz Power 13.22 dBm

802.11be (EHT20) 106-tone RU 1S1T : CH 144 (U-NII-2C)



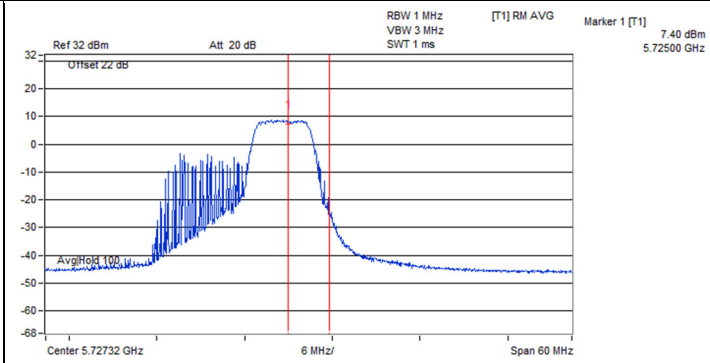
TX Channel Bandwidth 5.37 MHz Power 13.89 dBm

802.11be (EHT20) 106-tone RU 1S1T : CH 144 (U-NII-3)



TX Channel Bandwidth 14.16 MHz Power 13.67 dBm

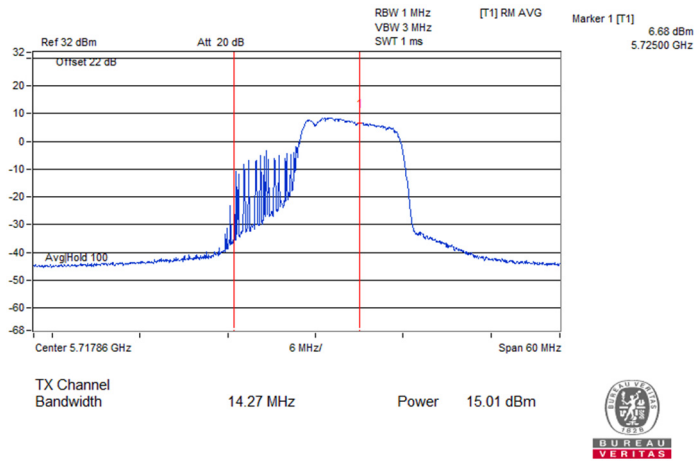
802.11be (EHT20) 52+26-tone MRU 1S1T : CH 144 (U-NII-2C)



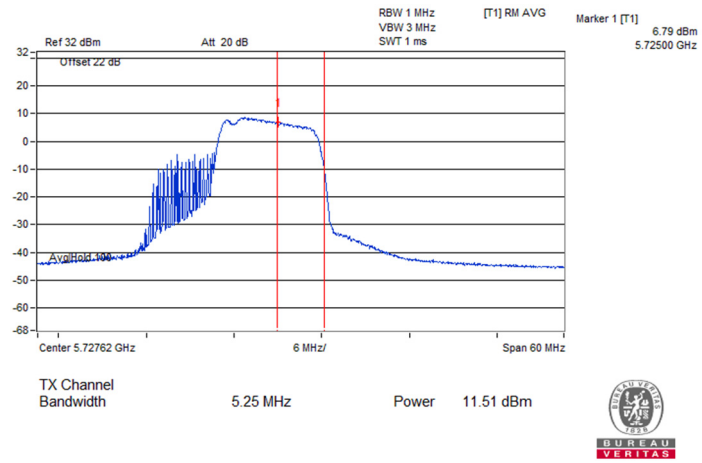
TX Channel Bandwidth 4.63 MHz Power 11.2 dBm

802.11be (EHT20) 52+26-tone MRU 1S1T : CH 144 (U-NII-3)

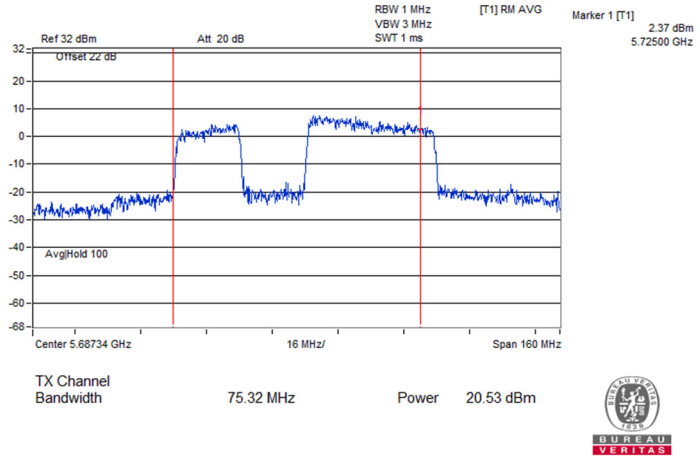
Spectrum Plot for channel straddling



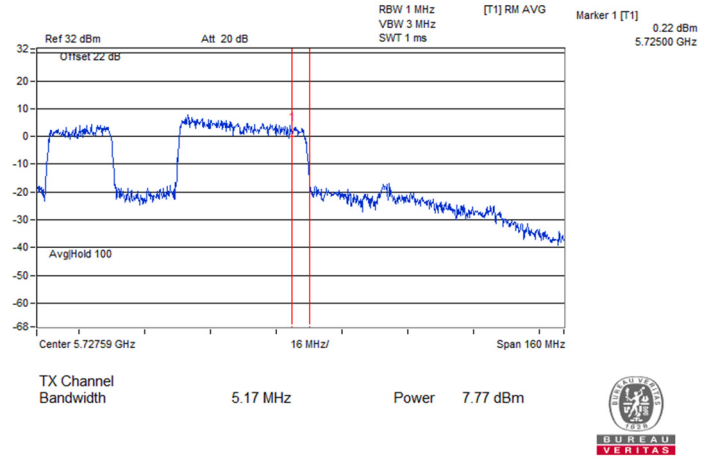
802.11be (EHT20) 106+26-tone MRU 1S1T : CH 144 (U-NII-2C)



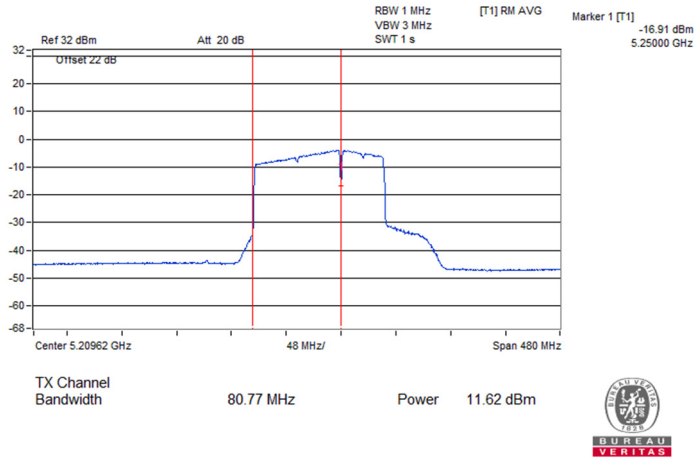
802.11be (EHT20) 106+26-tone MRU 1S1T : CH 144 (U-NII-3)



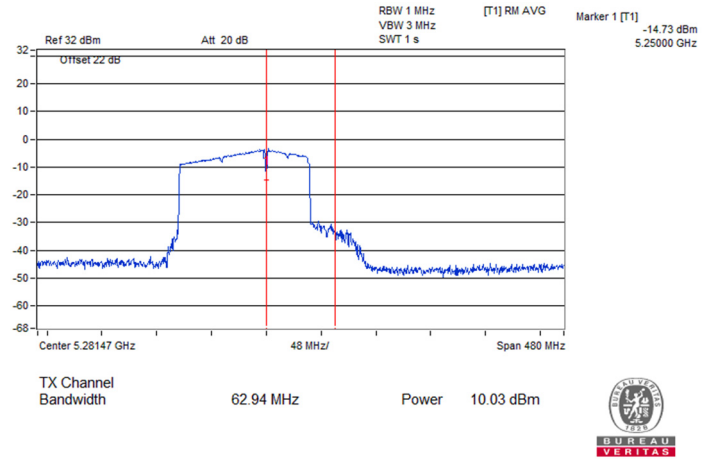
802.11be (EHT80) 484+242-tone MRU 1S1T : CH 138 (U-NII-2C)



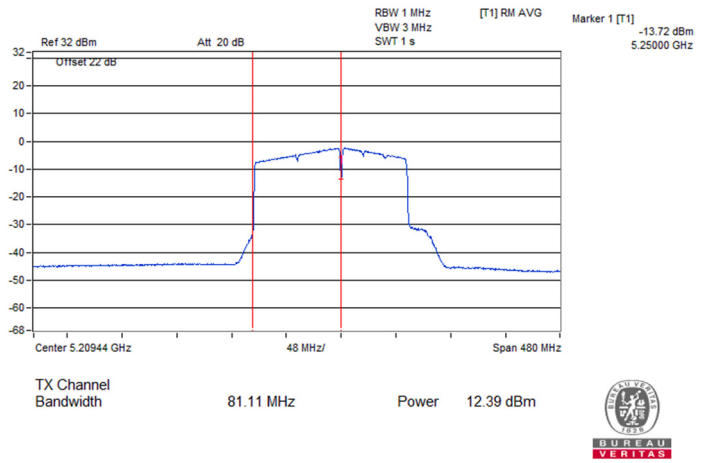
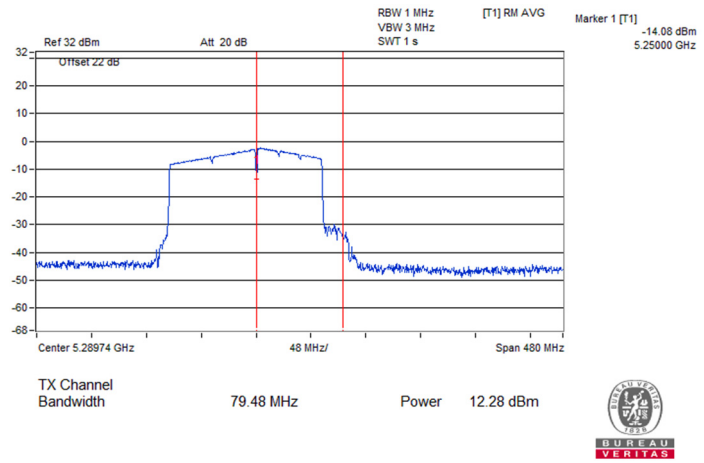
802.11be (EHT80) 484+242-tone MRU 1S1T : CH 138 (U-NII-3)



802.11be (EHT160) 996+484-tone MRU 1S1T : CH 50 (U-NII-1)



802.11be (EHT160) 996+484-tone MRU 1S1T : CH 50 (U-NII-2A)

Spectrum Plot for channel straddling	
	
802.11be (EHT160) 996+484+242-tone MRU 1S1T : CH 50 (U-NII-1)	802.11be (EHT160) 996+484+242-tone MRU 1S1T : CH 50 (U-NII-2A)

Input Power:	3.3 Vdc	Environmental Conditions:	20°C, 60% RH	Tested By:	Henry Hsu

802.11a 2TX

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	13.63	13.57	45.818	16.61	21.63	Pass
40	5200	13.60	13.53	45.451	16.58	21.63	Pass
48	5240	13.52	13.45	44.621	16.50	21.63	Pass
52	5260	13.51	13.48	44.723	16.51	21.17	Pass
60	5300	13.58	13.55	45.45	16.58	21.58	Pass
64	5320	13.61	13.51	45.4	16.57	21.54	Pass
100	5500	13.69	13.64	46.509	16.68	21.32	Pass
116	5580	13.75	13.61	46.675	16.69	21.19	Pass
140	5700	13.72	13.38	45.328	16.56	21.54	Pass
*144 (U-NII-2C)	5720	10.52	10.34	35.371	15.49	20.11	Pass
*144 (U-NII-3)	5720	5.00	4.82	9.923	9.97	27.63	Pass
149	5745	22.95	22.86	390.439	25.92	27.63	Pass
157	5785	22.70	22.67	371.136	25.70	27.63	Pass
165	5825	22.98	22.89	393.145	25.95	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
4. For U-NII-2A, the maximum gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-2C, the maximum gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
6. For U-NII-3, the maximum gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11ac (VHT20) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	15.30	15.21	67.074	18.27	21.63	Pass
40	5200	15.24	15.15	66.154	18.21	21.63	Pass
48	5240	15.53	15.40	70.401	18.48	21.63	Pass
52	5260	15.17	15.09	65.17	18.14	21.57	Pass
60	5300	15.66	15.60	73.121	18.64	21.59	Pass
64	5320	15.71	15.63	73.799	18.68	21.59	Pass
100	5500	15.41	15.20	67.867	18.32	21.62	Pass
116	5580	15.36	15.28	68.085	18.33	21.58	Pass
140	5700	15.45	15.09	67.36	18.28	21.59	Pass
*144 (U-NII-2C)	5720	12.60	12.45	54.614	17.37	20.35	Pass
*144 (U-NII-3)	5720	6.09	5.55	11.684	10.68	27.63	Pass
149	5745	22.59	22.49	358.971	25.55	27.63	Pass
157	5785	22.54	22.51	357.711	25.54	27.63	Pass
165	5825	22.64	22.58	364.788	25.62	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11ac (VHT40) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
38	5190	16.13	16.06	81.385	19.11	21.63	Pass
46	5230	16.90	16.81	96.951	19.87	21.63	Pass
54	5270	17.50	17.41	111.315	20.47	21.63	Pass
62	5310	16.75	16.69	93.981	19.73	21.63	Pass
102	5510	17.77	17.72	118.997	20.76	21.63	Pass
110	5550	17.74	17.70	118.314	20.73	21.63	Pass
134	5670	17.72	17.68	117.77	20.71	21.63	Pass
*142 (U-NII-2C)	5710	15.20	15.09	99.543	19.98	21.63	Pass
*142 (U-NII-3)	5710	4.31	4.02	7.947	9.00	27.63	Pass
151	5755	21.73	21.66	295.491	24.71	27.63	Pass
159	5795	21.67	21.61	291.77	24.65	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11ac (VHT80) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
42	5210	14.85	14.79	60.679	17.83	21.63	Pass
58	5290	15.78	15.71	75.083	18.76	21.63	Pass
106	5530	17.62	17.56	114.826	20.60	21.63	Pass
122	5610	17.69	17.58	116.029	20.65	21.63	Pass
*138 (U-NII-2C)	5690	15.25	15.02	98.862	19.95	21.63	Pass
*138 (U-NII-3)	5690	4.15	4.11	7.841	8.94	27.63	Pass
155	5775	20.02	19.75	194.868	22.90	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11ac (VHT160) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
*50 (U-NII-1)	5250	8.90	8.73	21.783	13.38	21.63	Pass
*50 (U-NII-2A)	5250	8.80	8.52	21.026	13.23	21.63	Pass
114	5570	15.31	15.07	66.099	18.20	21.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].

802.11ax (HE20) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	15.44	15.33	69.114	18.40	21.63	Pass
40	5200	15.43	15.32	68.955	18.39	21.63	Pass
48	5240	15.64	15.59	72.868	18.63	21.63	Pass
52	5260	15.34	15.26	67.772	18.31	21.57	Pass
60	5300	15.75	15.68	74.567	18.73	21.59	Pass
64	5320	15.78	15.71	75.083	18.76	21.59	Pass
100	5500	15.55	15.25	69.389	18.41	21.62	Pass
116	5580	15.52	15.45	70.72	18.50	21.58	Pass
140	5700	15.62	15.39	71.069	18.52	21.59	Pass
*144 (U-NII-2C)	5720	12.90	12.75	58.52	17.67	20.35	Pass
*144 (U-NII-3)	5720	6.09	5.55	11.684	10.68	27.63	Pass
149	5745	22.69	22.62	368.59	25.67	27.63	Pass
157	5785	22.61	22.57	363.107	25.60	27.63	Pass
165	5825	22.75	22.69	374.145	25.73	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11ax (HE40) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
38	5190	16.23	16.15	83.186	19.20	21.63	Pass
46	5230	16.96	16.90	98.637	19.94	21.63	Pass
54	5270	17.59	17.52	113.905	20.57	21.63	Pass
62	5310	16.88	16.77	96.286	19.84	21.63	Pass
102	5510	17.80	17.76	119.959	20.79	21.63	Pass
110	5550	17.76	17.71	118.724	20.75	21.63	Pass
134	5670	17.79	17.73	119.41	20.77	21.63	Pass
*142 (U-NII-2C)	5710	15.25	15.02	99.341	19.97	21.63	Pass
*142 (U-NII-3)	5710	4.38	4.25	8.223	9.15	27.63	Pass
151	5755	21.85	21.79	304.117	24.83	27.63	Pass
159	5795	21.74	21.64	295.161	24.70	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11ax (HE80) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
42	5210	15.02	14.91	62.743	17.98	21.63	Pass
58	5290	15.85	15.82	76.654	18.85	21.63	Pass
106	5530	17.81	17.70	119.279	20.77	21.63	Pass
122	5610	17.79	17.72	119.274	20.77	21.63	Pass
*138 (U-NII-2C)	5690	15.28	15.08	99.883	19.99	21.63	Pass
*138 (U-NII-3)	5690	4.34	4.22	8.117	9.09	27.63	Pass
155	5775	20.14	19.91	201.225	23.04	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11ax (HE160) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
*50 (U-NII-1)	5250	9.20	8.90	23.003	13.62	21.63	Pass
*50 (U-NII-2A)	5250	8.85	8.64	21.437	13.31	21.63	Pass
114	5570	15.40	15.21	67.863	18.32	21.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].

802.11be (EHT20) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	15.53	15.44	70.722	18.50	21.63	Pass
40	5200	15.51	15.41	70.317	18.47	21.63	Pass
48	5240	15.81	15.74	75.604	18.79	21.63	Pass
52	5260	15.49	15.45	70.475	18.48	21.57	Pass
60	5300	15.85	15.78	76.303	18.83	21.59	Pass
64	5320	15.88	15.80	76.745	18.85	21.59	Pass
100	5500	15.64	15.36	71	18.51	21.62	Pass
116	5580	15.60	15.52	71.953	18.57	21.58	Pass
140	5700	15.72	15.64	73.969	18.69	21.59	Pass
*144 (U-NII-2C)	5720	12.94	12.79	59.061	17.71	20.35	Pass
*144 (U-NII-3)	5720	6.12	5.67	11.88	10.75	27.63	Pass
149	5745	22.82	22.70	377.634	25.77	27.63	Pass
157	5785	22.71	22.65	370.715	25.69	27.63	Pass
165	5825	22.89	22.76	383.335	25.84	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11be (EHT40) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
38	5190	16.33	16.25	85.123	19.30	21.63	Pass
46	5230	17.06	16.98	100.704	20.03	21.63	Pass
54	5270	17.69	17.62	116.559	20.67	21.63	Pass
62	5310	17.09	16.94	100.599	20.03	21.63	Pass
102	5510	17.90	17.86	122.754	20.89	21.63	Pass
110	5550	17.88	17.83	122.05	20.87	21.63	Pass
134	5670	17.85	17.82	121.488	20.85	21.63	Pass
*142 (U-NII-2C)	5710	15.33	15.22	102.567	20.11	21.63	Pass
*142 (U-NII-3)	5710	4.48	4.29	8.358	9.22	27.63	Pass
151	5755	21.91	21.87	309.054	24.90	27.63	Pass
159	5795	21.82	21.68	299.286	24.76	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11be (EHT80) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
42	5210	15.08	14.94	63.4	18.02	21.63	Pass
58	5290	15.92	15.88	77.81	18.91	21.63	Pass
106	5530	17.89	17.81	121.913	20.86	21.63	Pass
122	5610	17.86	17.79	121.212	20.84	21.63	Pass
*138 (U-NII-2C)	5690	15.33	15.09	100.587	20.03	21.63	Pass
*138 (U-NII-3)	5690	4.35	4.31	8.211	9.14	27.63	Pass
155	5775	20.28	20.06	208.051	23.18	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11be (EHT160) 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
*50 (U-NII-1)	5250	9.52	9.34	25.097	14.00	21.63	Pass
*50 (U-NII-2A)	5250	9.27	8.87	23.12	13.64	21.63	Pass
114	5570	15.45	15.26	68.649	18.37	21.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].

802.11ax (HE20) 26-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	8.55	8.85	14.835	11.71	21.63	Pass
64	5320	8.35	8.57	14.034	11.47	21.49	Pass
100	5500	8.57	8.79	14.763	11.69	21.5	Pass
140	5700	8.51	8.48	14.143	11.51	21.48	Pass
*144 (U-NII-2C)	5720	-6.90	-7.56	0.4177	-3.79	20.12	Pass
*144 (U-NII-3)	5720	7.74	7.56	12.816	11.08	27.63	Pass
149	5745	22.58	22.70	367.343	25.65	27.63	Pass
165	5825	22.65	22.55	363.964	25.61	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11ax (HE20) 52-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	10.81	11.03	24.727	13.93	21.63	Pass
64	5320	10.77	10.80	23.963	13.80	21.5	Pass
100	5500	11.25	11.13	26.307	14.20	21.53	Pass
140	5700	11.05	10.92	25.095	14.00	21.49	Pass
*144 (U-NII-2C)	5720	-2.94	-3.13	1.0813	0.34	20.12	Pass
*144 (U-NII-3)	5720	10.23	10.05	22.462	13.51	27.63	Pass
149	5745	22.65	22.56	364.379	25.62	27.63	Pass
165	5825	22.68	22.53	364.414	25.62	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11ax (HE20) 106-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	14.08	14.02	50.821	17.06	21.63	Pass
64	5320	14.13	14.08	51.468	17.12	21.6	Pass
100	5500	14.17	14.11	51.885	17.15	21.59	Pass
140	5700	14.25	13.98	51.611	17.13	21.54	Pass
*144 (U-NII-2C)	5720	10.38	10.28	23.225	13.66	20.14	Pass
*144 (U-NII-3)	5720	10.97	10.78	26.335	14.21	27.63	Pass
149	5745	22.59	22.49	358.971	25.55	27.63	Pass
165	5825	22.64	22.52	362.303	25.59	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11be (EHT20) 26-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	8.65	8.86	15.02	11.77	21.63	Pass
64	5320	8.36	8.59	14.083	11.49	21.49	Pass
100	5500	8.69	8.81	14.999	11.76	21.5	Pass
140	5700	8.56	8.53	14.306	11.56	21.48	Pass
*144 (U-NII-2C)	5720	-7.08	-7.53	0.41	-3.87	20.12	Pass
*144 (U-NII-3)	5720	7.87	7.60	13.073	11.16	27.63	Pass
149	5745	22.68	22.80	375.899	25.75	27.63	Pass
165	5825	22.75	22.67	373.292	25.72	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11be (EHT20) 52-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	10.91	11.16	25.393	14.05	21.63	Pass
64	5320	10.88	10.92	24.606	13.91	21.5	Pass
100	5500	11.34	11.22	26.858	14.29	21.53	Pass
140	5700	11.16	11.05	25.797	14.12	21.49	Pass
*144 (U-NII-2C)	5720	-2.82	-3.31	1.0753	0.32	20.12	Pass
*144 (U-NII-3)	5720	10.33	10.08	22.805	13.58	27.63	Pass
149	5745	22.80	22.68	375.899	25.75	27.63	Pass
165	5825	22.71	22.62	369.448	25.68	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11be (EHT20) 106-tone RU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	14.19	14.10	51.946	17.16	21.63	Pass
64	5320	14.26	14.18	52.85	17.23	21.6	Pass
100	5500	14.29	14.22	53.278	17.27	21.59	Pass
140	5700	14.35	14.04	52.578	17.21	21.54	Pass
*144 (U-NII-2C)	5720	10.48	10.30	23.551	13.72	20.14	Pass
*144 (U-NII-3)	5720	11.18	10.88	27.301	14.36	27.63	Pass
149	5745	22.69	22.58	366.914	25.65	27.63	Pass
165	5825	22.74	22.55	367.819	25.66	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11be (EHT20) 52+26-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	13.08	13.12	40.835	16.11	21.63	Pass
64	5320	13.21	12.95	40.665	16.09	21.33	Pass
100	5500	13.19	12.89	40.299	16.05	21.32	Pass
140	5700	12.84	12.41	36.649	15.64	21.36	Pass
*144 (U-NII-2C)	5720	10.51	10.03	22.754	13.57	20.18	Pass
*144 (U-NII-3)	5720	8.31	8.03	14.016	11.47	27.63	Pass
149	5745	22.71	22.63	369.869	25.68	27.63	Pass
165	5825	22.70	22.56	366.51	25.64	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11be (EHT20) 106+26-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
36	5180	13.72	13.56	46.249	16.65	21.63	Pass
64	5320	13.76	13.56	46.467	16.67	21.48	Pass
100	5500	13.80	13.68	47.323	16.75	21.51	Pass
140	5700	13.89	13.46	46.673	16.69	21.47	Pass
*144 (U-NII-2C)	5720	12.05	11.58	32.356	15.10	20.13	Pass
*144 (U-NII-3)	5720	8.28	8.10	14.025	11.47	27.63	Pass
149	5745	22.73	22.56	367.801	25.66	27.63	Pass
165	5825	22.71	22.51	364.876	25.62	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11be (EHT80) 484+242-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
42	5210	12.38	12.15	33.704	15.28	21.63	Pass
58	5290	13.21	13.10	41.359	16.17	21.63	Pass
106	5530	15.01	14.93	62.813	17.98	21.63	Pass
*138 (U-NII-2C)	5690	16.21	16.13	89.693	19.53	21.63	Pass
*138 (U-NII-3)	5690	3.35	2.73	4.374	6.41	27.63	Pass
155	5775	20.19	20.01	204.703	23.11	27.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
5. For U-NII-3, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 30-(8.37-6) = 27.63 dBm.

802.11be (EHT160) 996+484-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
*50 (U-NII-1)	5250	7.43	7.20	11.704	10.68	21.63	Pass
*50 (U-NII-2A)	5250	6.12	5.77	8.542	9.32	21.63	Pass
114	5570	11.14	10.89	25.276	14.03	21.63	Pass

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].

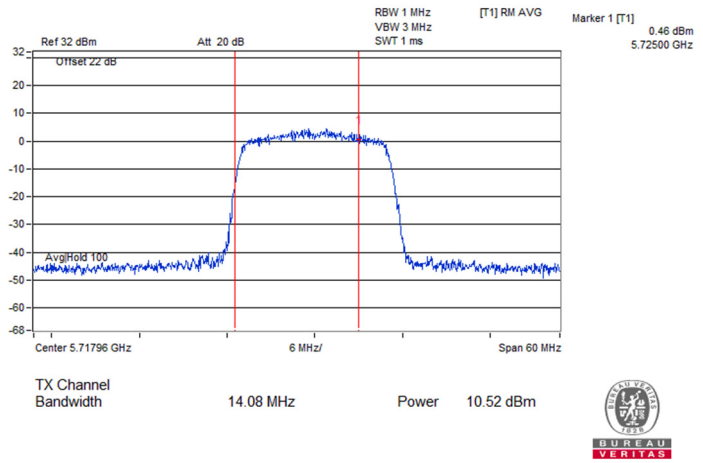
802.11be (EHT160) 996+484+242-tone MRU 2S2T

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Test Result
		Chain 0	Chain 1				
*50 (U-NII-1)	5250	10.20	10.06	22.658	13.55	21.63	Pass
*50 (U-NII-2A)	5250	9.61	9.27	19.342	12.87	21.63	Pass
114	5570	15.28	14.99	65.279	18.15	21.63	Pass

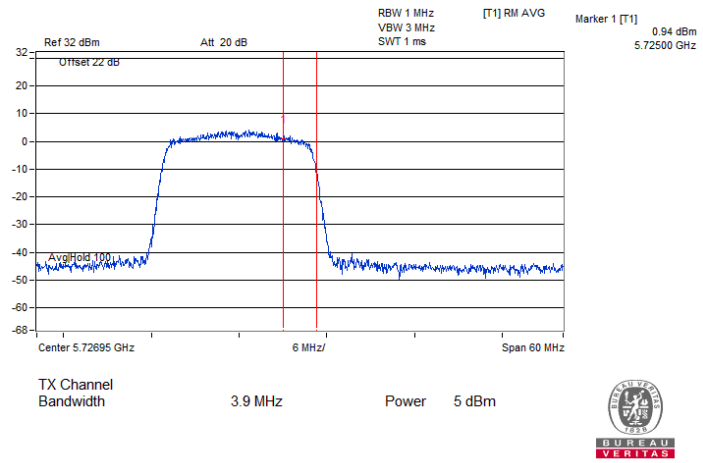
Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-2 and use spectrum analyzer test , the duty factor was included in the total power.
2. For U-NII-1, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to 24-(8.37-6) = 21.63 dBm.
3. For U-NII-2A, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].
4. For U-NII-2C, the directional gain is 8.37 dBi > 6 dBi, so the output power limit shall be reduced to [Determined Conducted Power Limit-(8.37-6)].

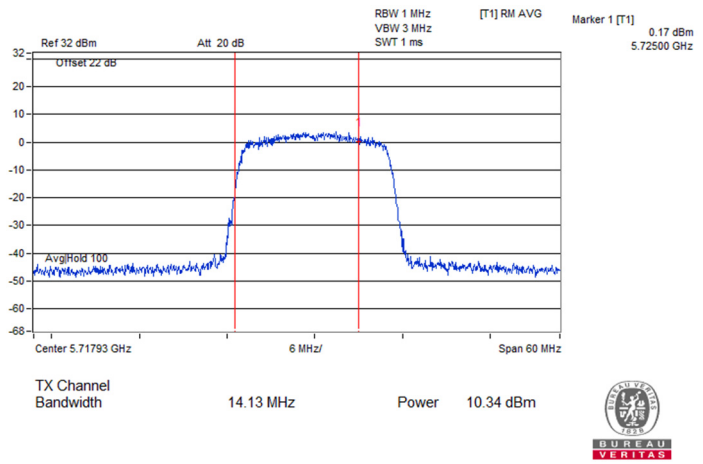
Spectrum Plot for channel straddling



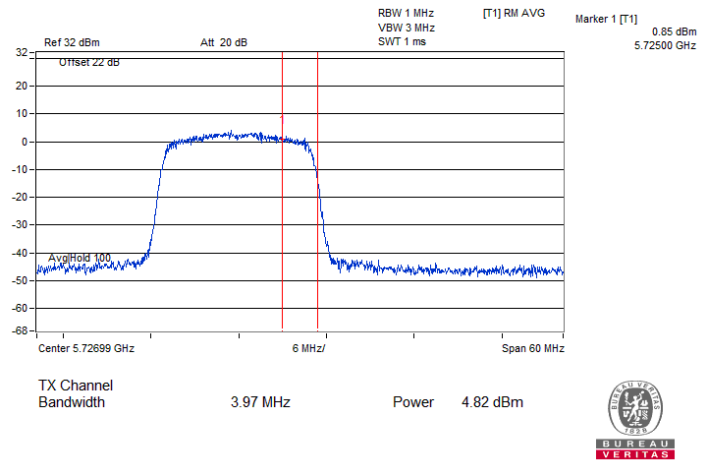
802.11a 2TX / Chain 0 : CH 144 (U-NII-2C)



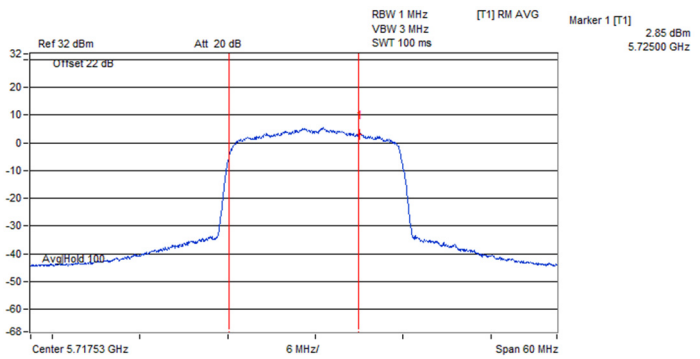
802.11a 2TX / Chain 0 : CH 144 (U-NII-3)



802.11a 2TX / Chain 1 : CH 144 (U-NII-2C)

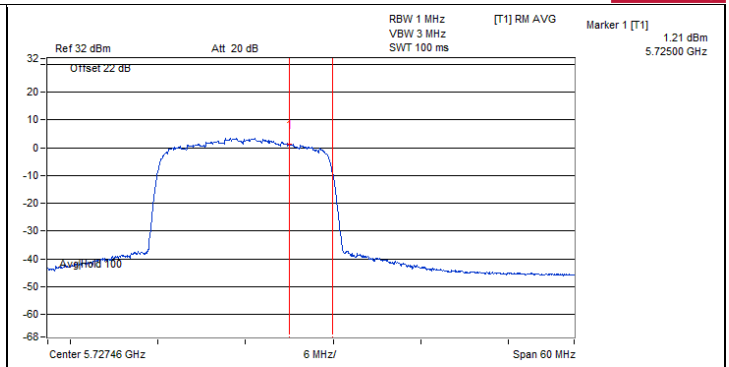


802.11a 2TX / Chain 1 : CH 144 (U-NII-3)



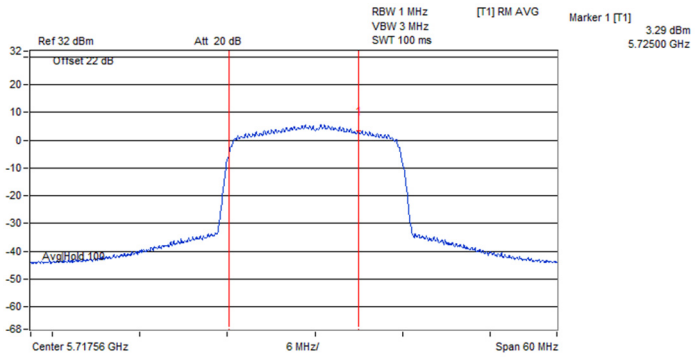
TX Channel Bandwidth 14.94 MHz Power 12.6 dBm

802.11ac (VHT20) 2S2T / Chain 0 : CH 144 (U-NII-2C)



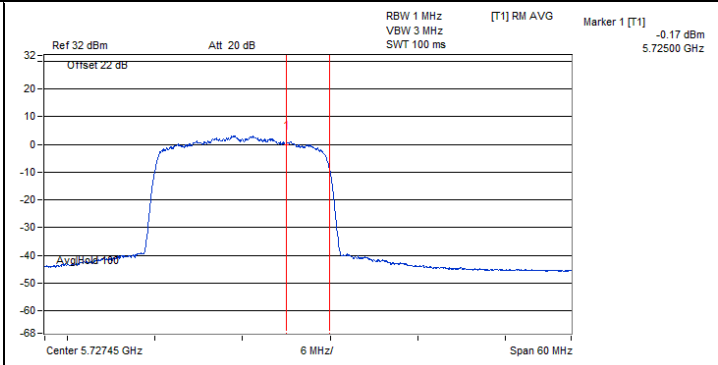
TX Channel Bandwidth 4.92 MHz Power 6.09 dBm

802.11ac (VHT20) 2S2T / Chain 0 : CH 144 (U-NII-3)



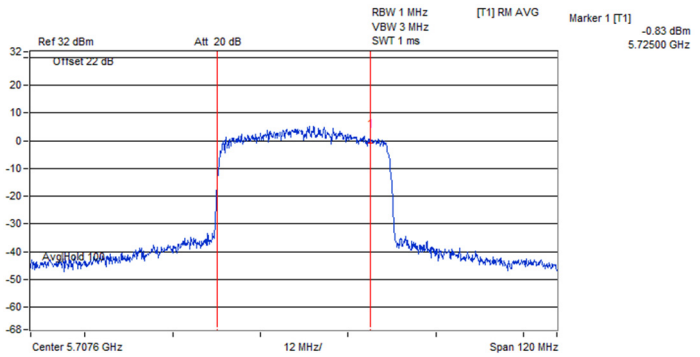
TX Channel Bandwidth 14.87 MHz Power 12.45 dBm

802.11ac (VHT20) 2S2T / Chain 1 : CH 144 (U-NII-2C)



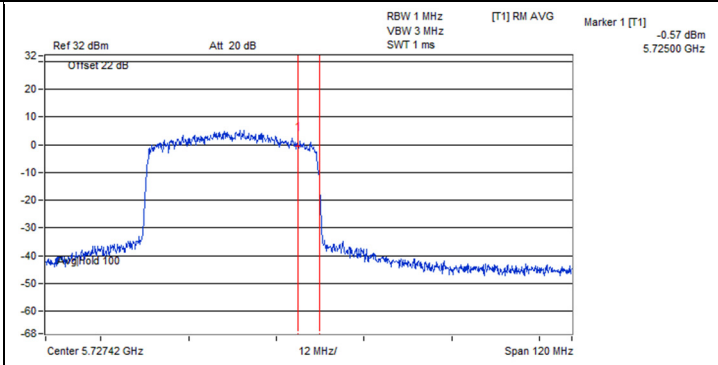
TX Channel Bandwidth 4.91 MHz Power 5.55 dBm

802.11ac (VHT20) 2S2T / Chain 1 : CH 144 (U-NII-3)



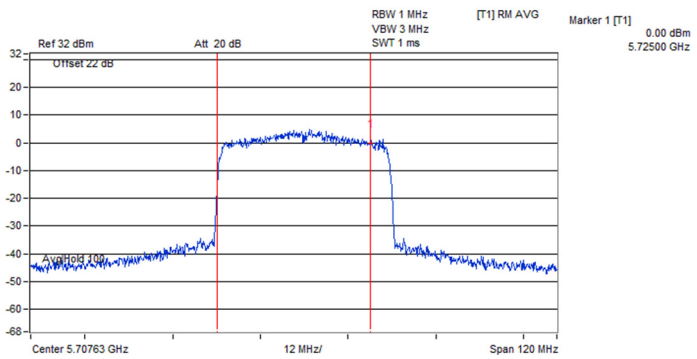
TX Channel Bandwidth 34.8 MHz Power 15.2 dBm

802.11ac (VHT40) 2S2T / Chain 0 : CH 142 (U-NII-2C)

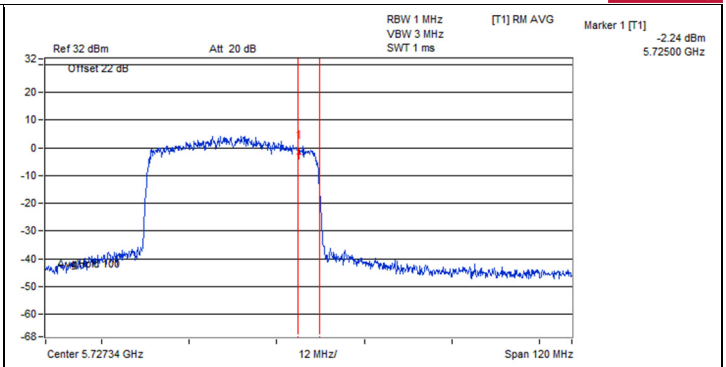


TX Channel Bandwidth 4.84 MHz Power 4.31 dBm

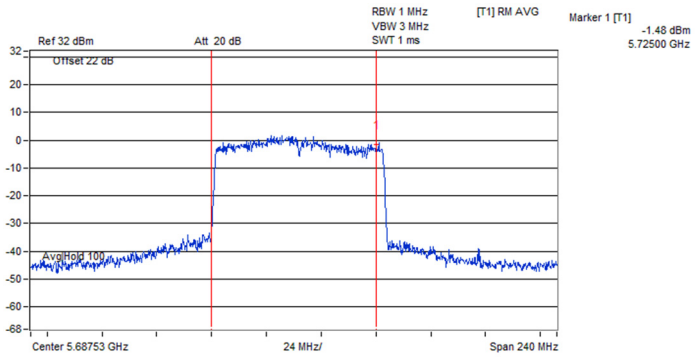
802.11ac (VHT40) 2S2T / Chain 0 : CH 142 (U-NII-3)



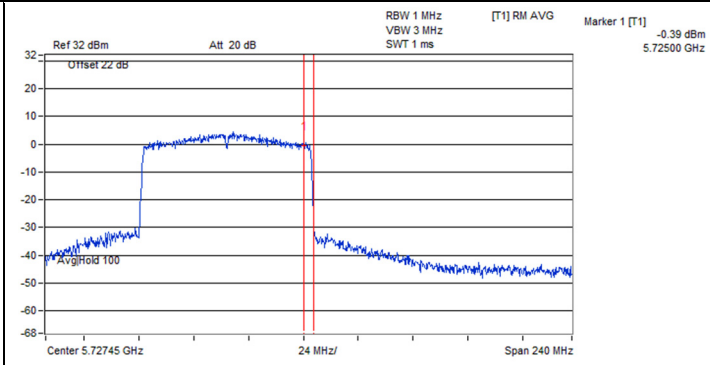
802.11ac (VHT40) 2S2T / Chain 1 : CH 142 (U-NII-2C)



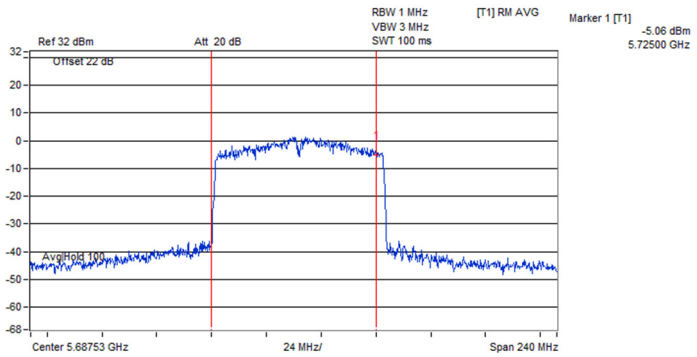
802.11ac (VHT40) 2S2T / Chain 1 : CH 142 (U-NII-3)



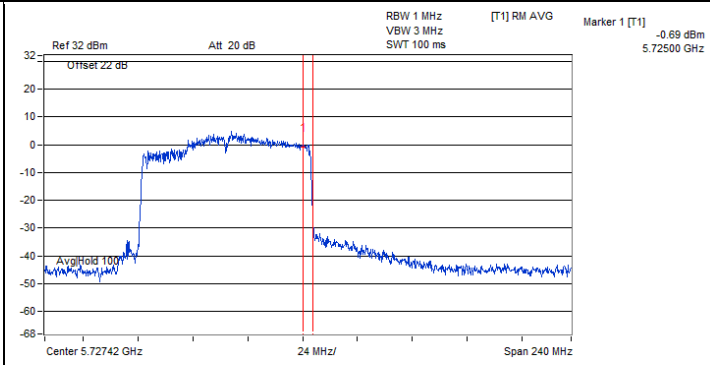
802.11ac (VHT80) 2S2T / Chain 0 : CH 138 (U-NII-2C)



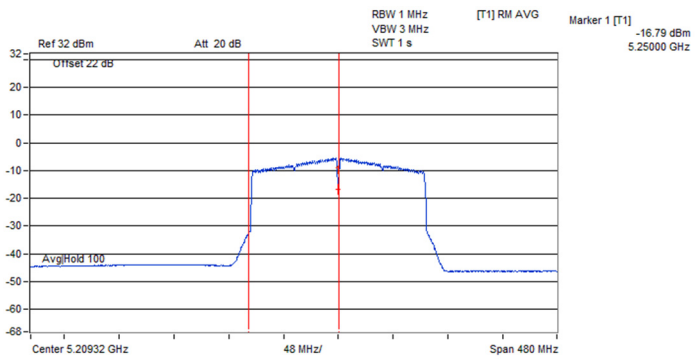
802.11ac (VHT80) 2S2T / Chain 0 : CH 138 (U-NII-3)



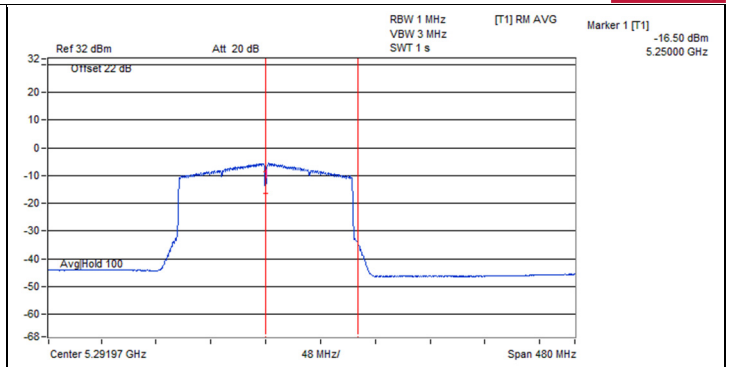
802.11ac (VHT80) 2S2T / Chain 1 : CH 138 (U-NII-2C)



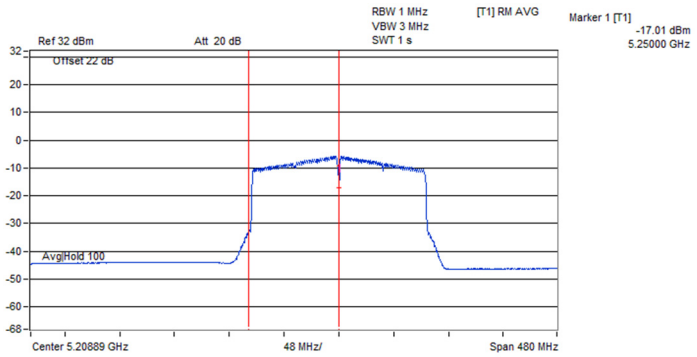
802.11ac (VHT80) 2S2T / Chain 1 : CH 138 (U-NII-3)



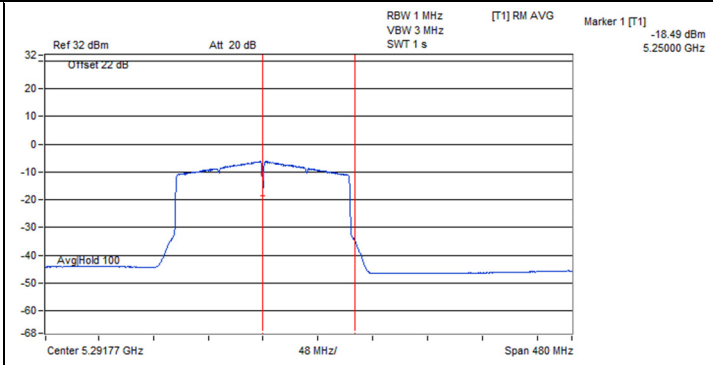
802.11ac (VHT160) 2S2T / Chain 0 : CH 50 (U-NII-1)



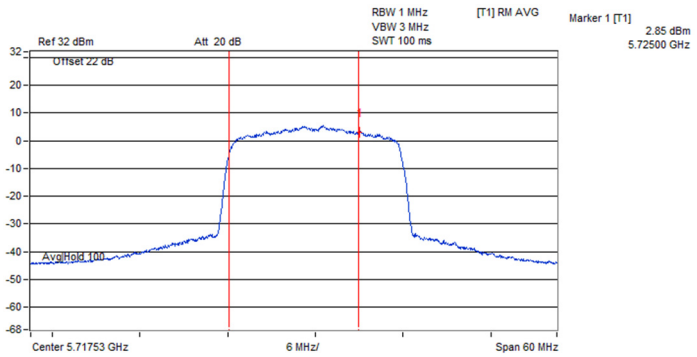
802.11ac (VHT160) 2S2T / Chain 0 : CH 50 (U-NII-2A)



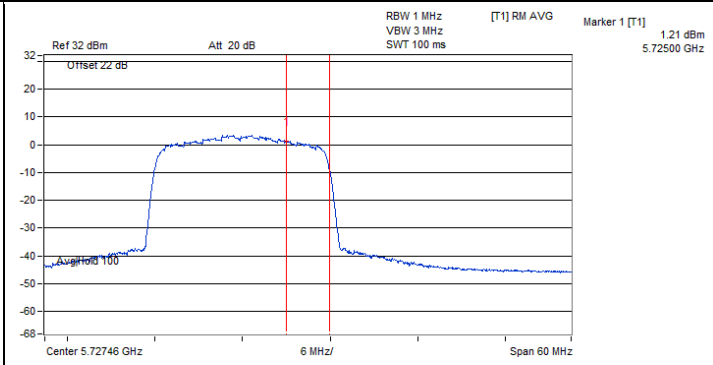
802.11ac (VHT160) 2S2T / Chain 1 : CH 50 (U-NII-1)



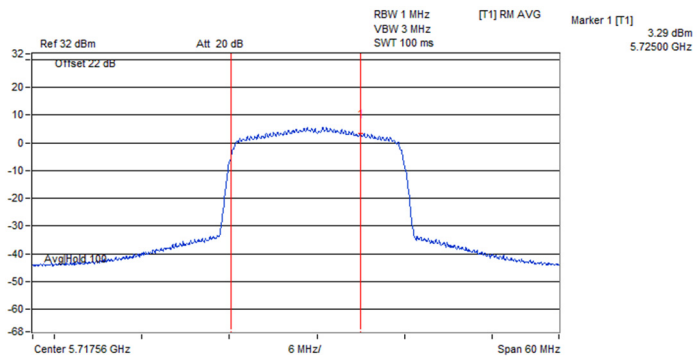
802.11ac (VHT160) 2S2T / Chain 1 : CH 50 (U-NII-2A)



802.11ax (HE20) 2S2T / Chain 0 : CH 144 (U-NII-2C)

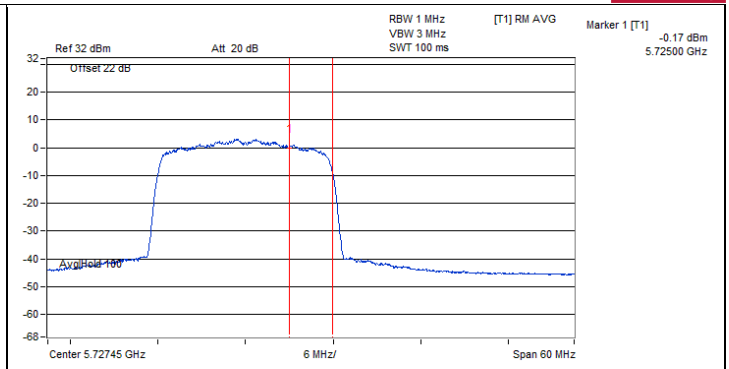


802.11ax (HE20) 2S2T / Chain 0 : CH 144 (U-NII-3)



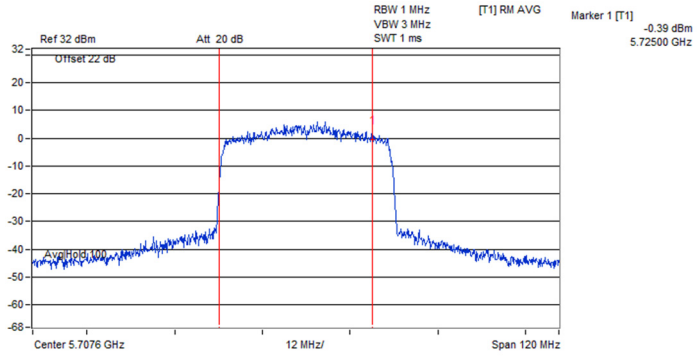
TX Channel Bandwidth 14.87 MHz Power 12.75 dBm

802.11ax (HE20) 2S2T / Chain 1 : CH 144 (U-NII-2C)



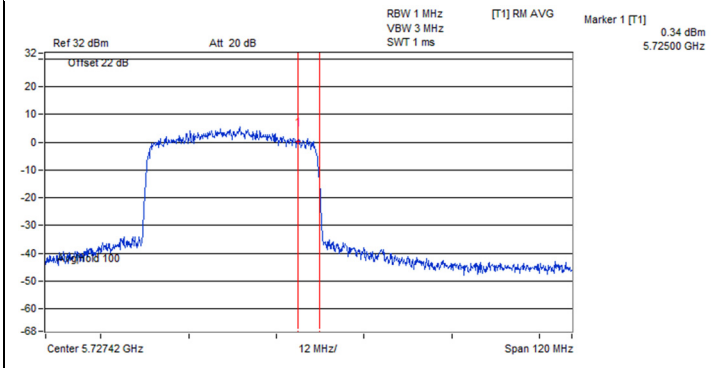
TX Channel Bandwidth 4.91 MHz Power 5.55 dBm

802.11ax (HE20) 2S2T / Chain 1 : CH 144 (U-NII-3)



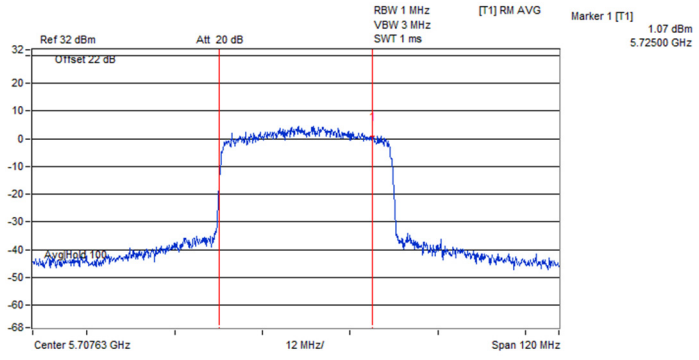
TX Channel Bandwidth 34.8 MHz Power 15.25 dBm

802.11ax (HE40) 2S2T / Chain 0 : CH 142 (U-NII-2C)



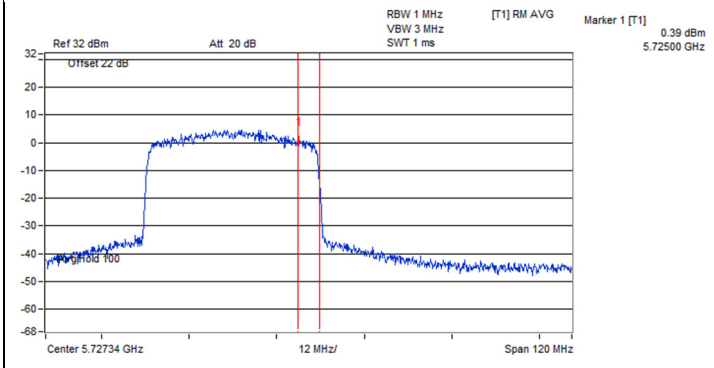
TX Channel Bandwidth 4.84 MHz Power 4.38 dBm

802.11ax (HE40) 2S2T / Chain 0 : CH 142 (U-NII-3)



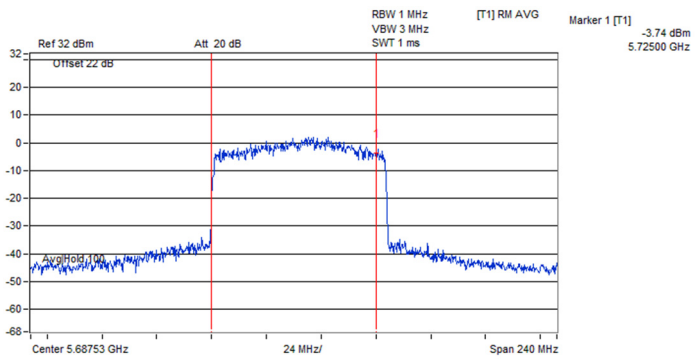
TX Channel Bandwidth 34.75 MHz Power 15.02 dBm

802.11ax (HE40) 2S2T / Chain 1 : CH 142 (U-NII-2C)



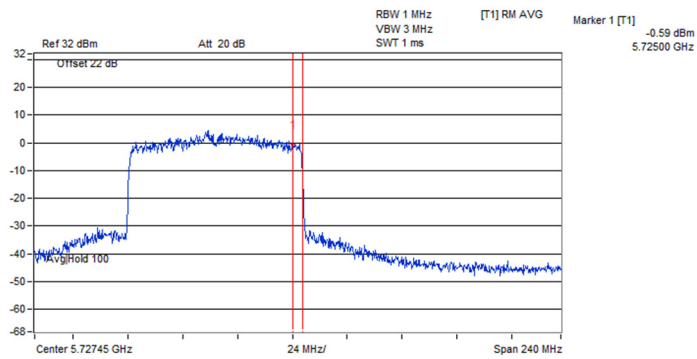
TX Channel Bandwidth 4.68 MHz Power 4.25 dBm

802.11ax (HE40) 2S2T / Chain 1 : CH 142 (U-NII-3)



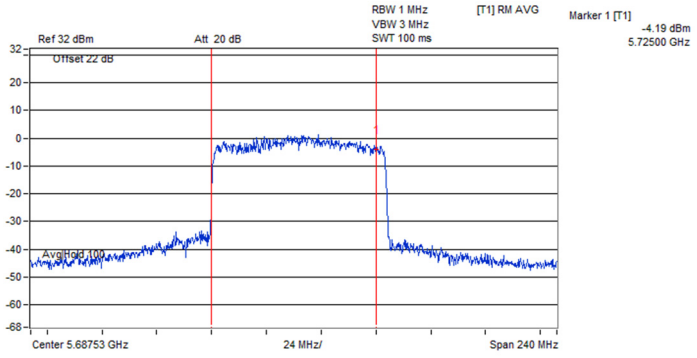
TX Channel Bandwidth 74.93 MHz Power 15.28 dBm

802.11ax (HE80) 2S2T / Chain 0 : CH 138 (U-NII-2C)



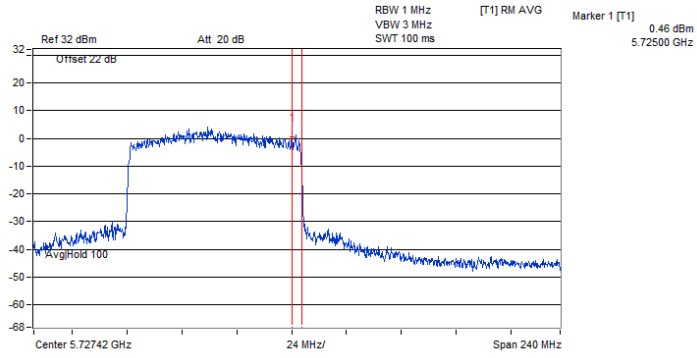
TX Channel Bandwidth 4.89 MHz Power 4.34 dBm

802.11ax (HE80) 2S2T / Chain 0 : CH 138 (U-NII-3)



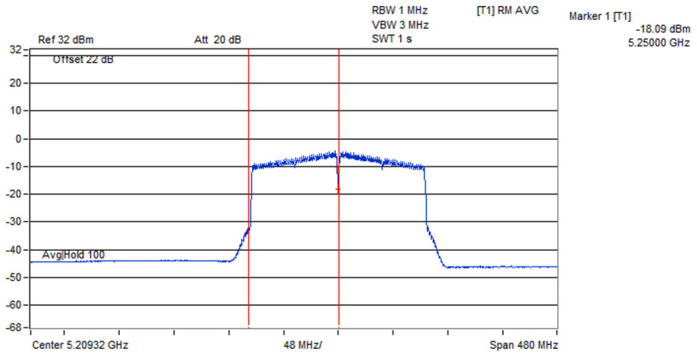
TX Channel Bandwidth 74.94 MHz Power 15.08 dBm

802.11ax (HE80) 2S2T / Chain 1 : CH 138 (U-NII-2C)



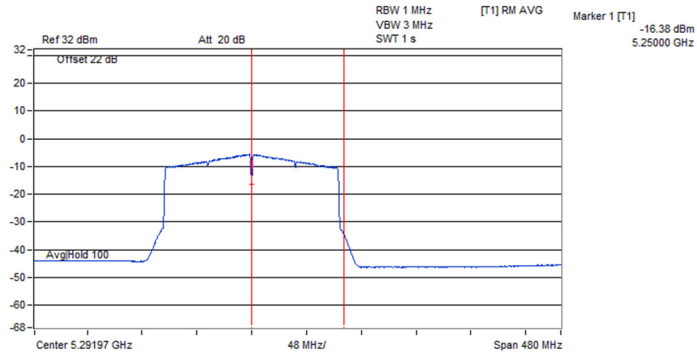
TX Channel Bandwidth 4.84 MHz Power 4.22 dBm

802.11ax (HE80) 2S2T / Chain 1 : CH 138 (U-NII-3)



TX Channel Bandwidth 81.36 MHz Power 9.2 dBm

802.11ax (HE160) 2S2T / Chain 0 : CH 50 (U-NII-1)



TX Channel Bandwidth 83.95 MHz Power 8.85 dBm

802.11ax (HE160) 2S2T / Chain 0 : CH 50 (U-NII-2A)