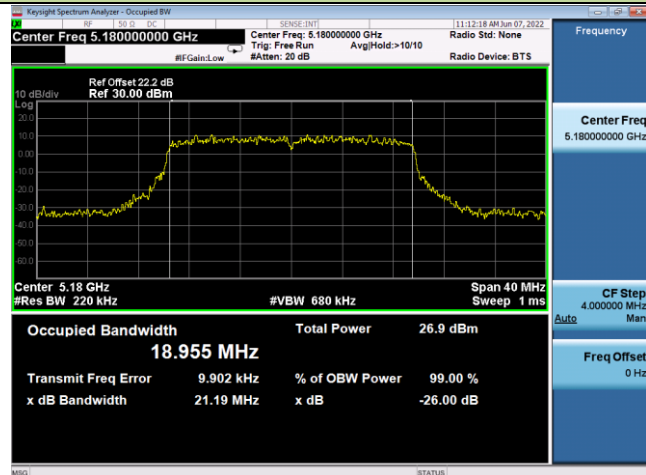
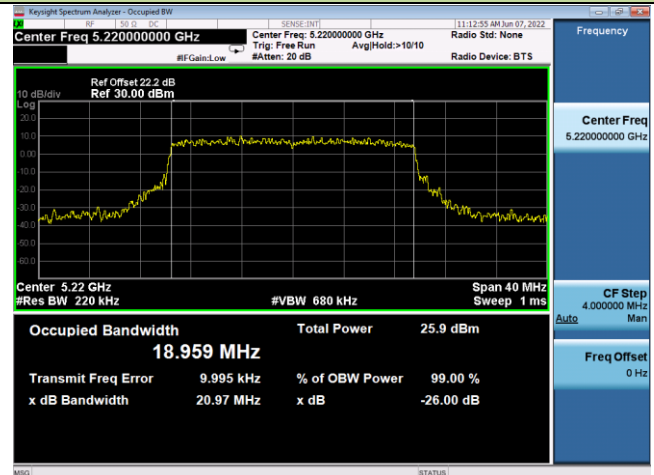


802.11ax-HE20 26dB & 99% Bandwidth

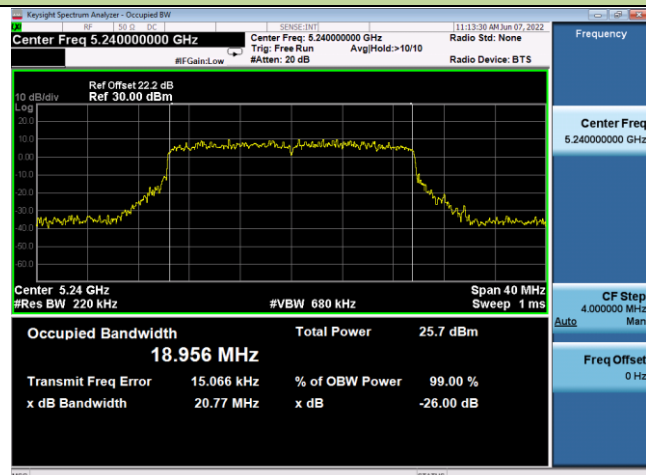
Channel 36 (5180MHz)



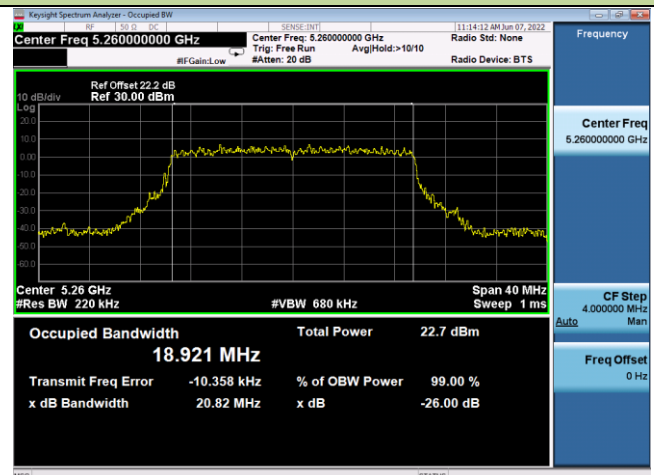
Channel 44 (5220MHz)



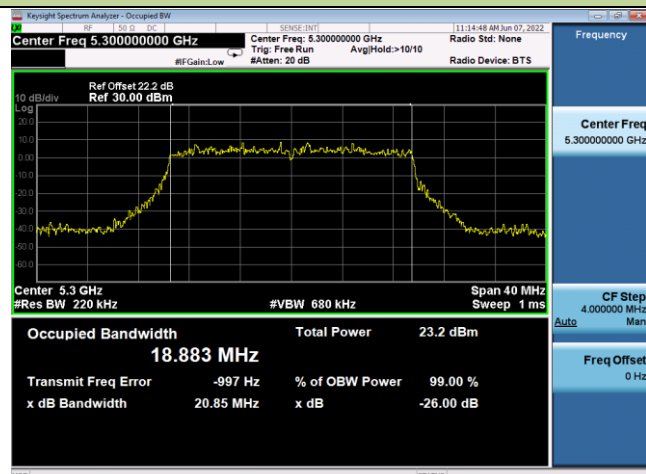
Channel 48 (5240MHz)



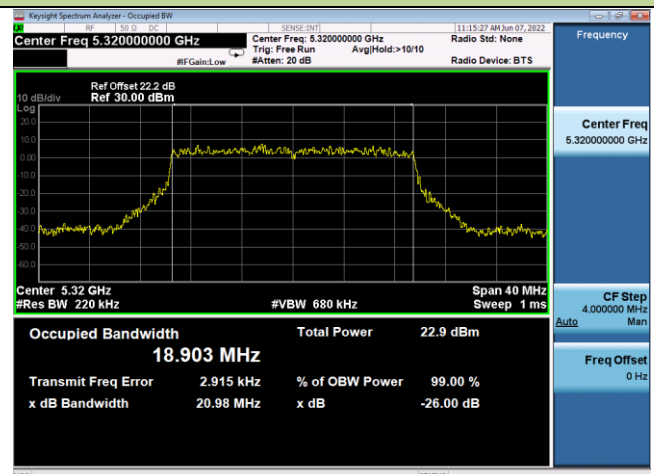
Channel 52(5260MHz)

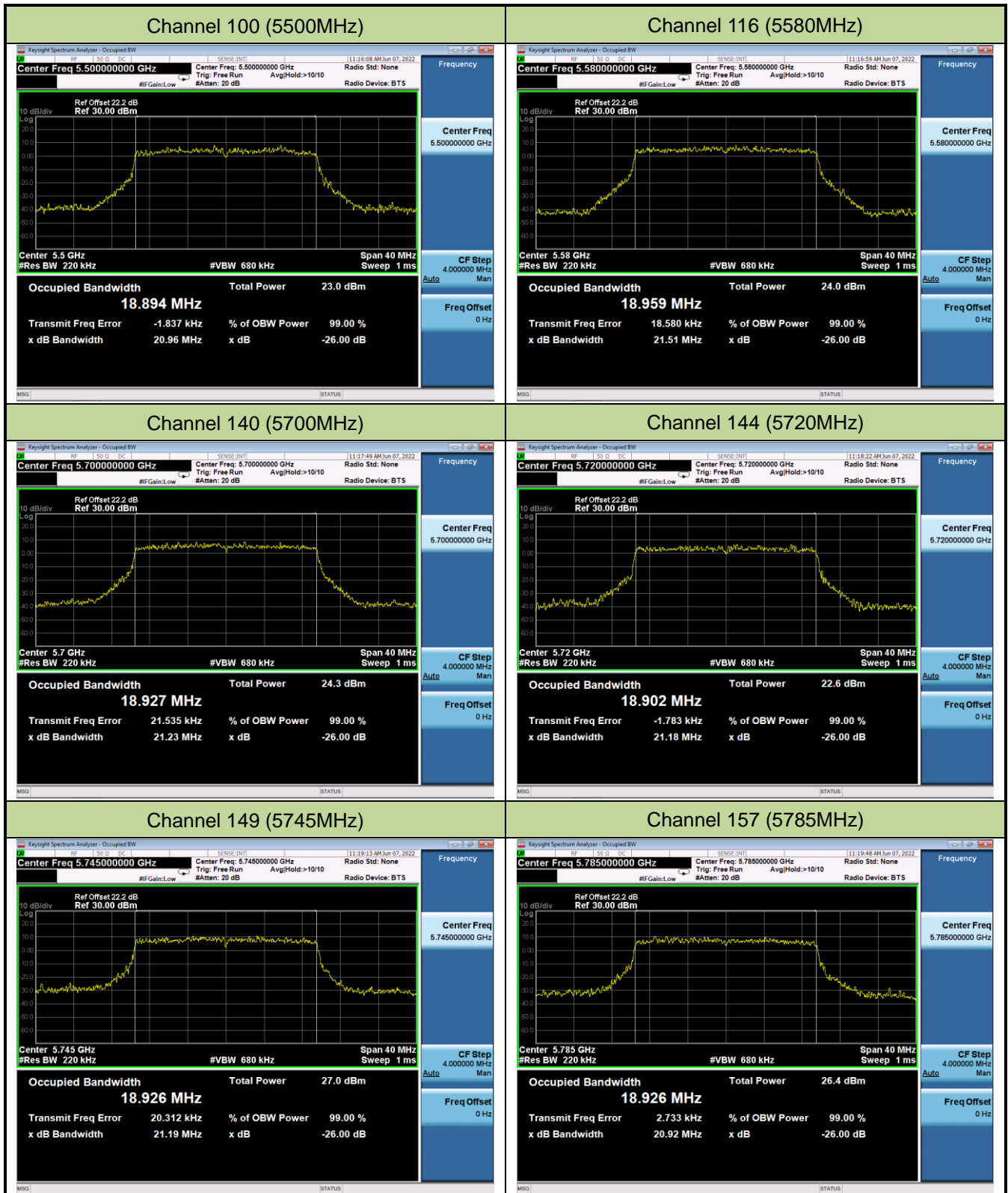


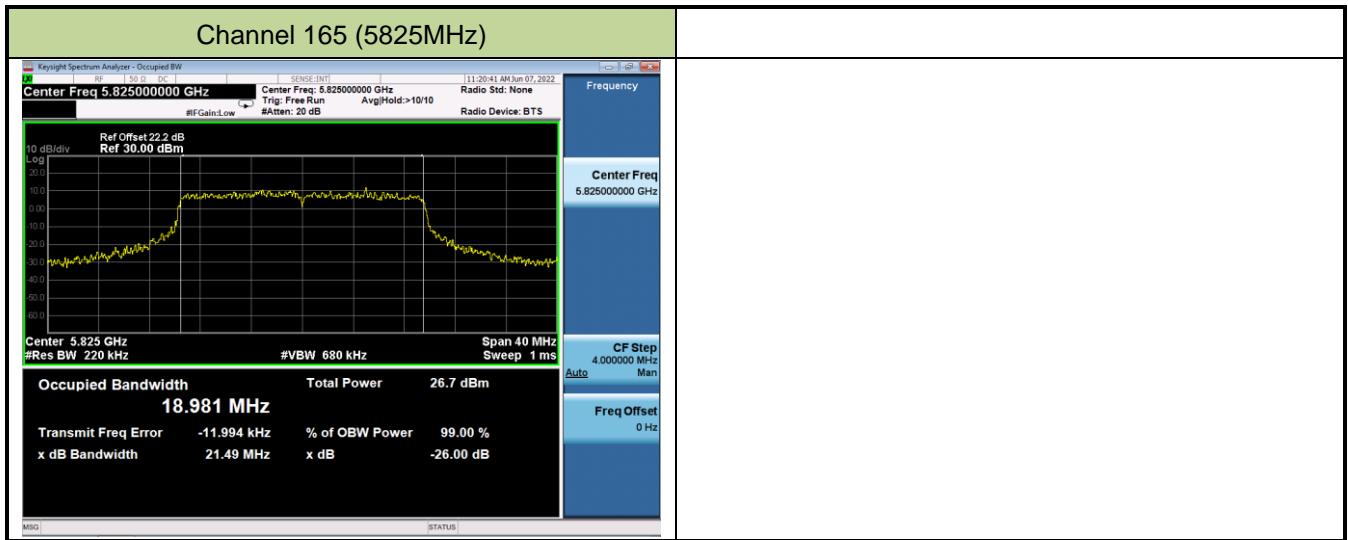
Channel 60 (5300MHz)



Channel 64 (5320MHz)

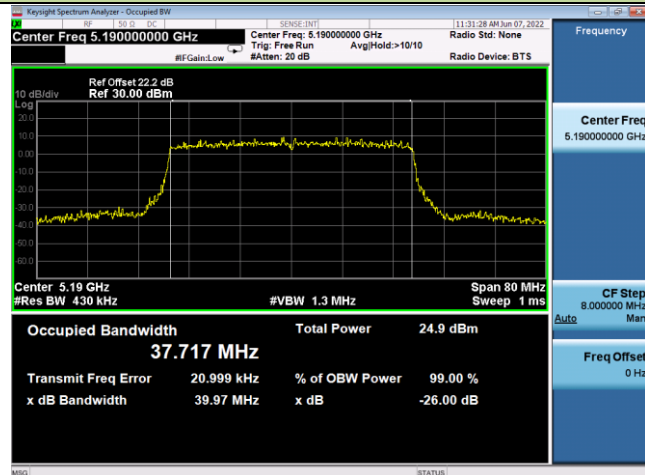




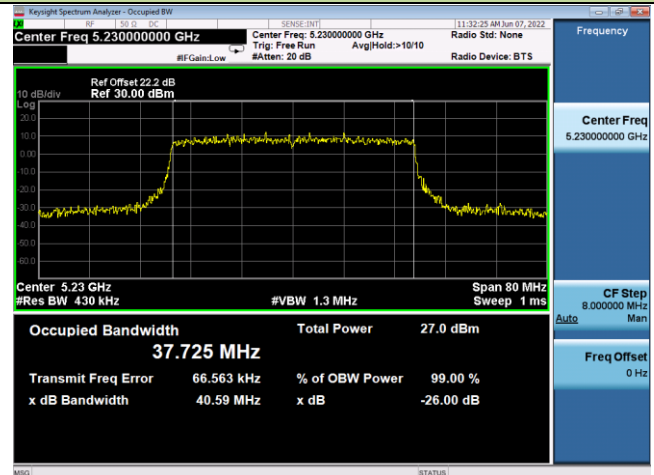


802.11ax-HE40 26dB & 99% Bandwidth

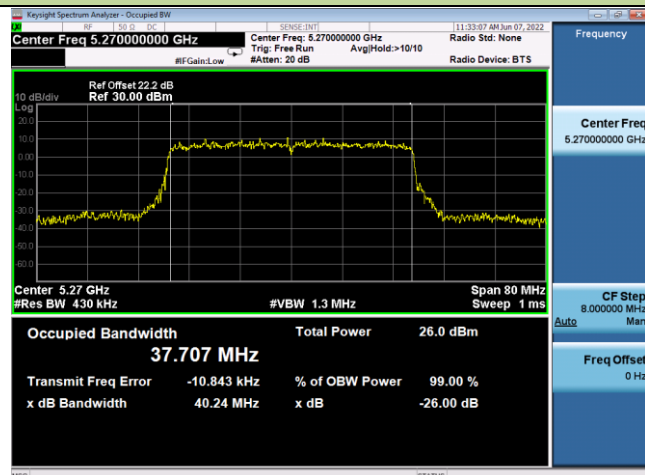
Channel 38 (5190MHz)



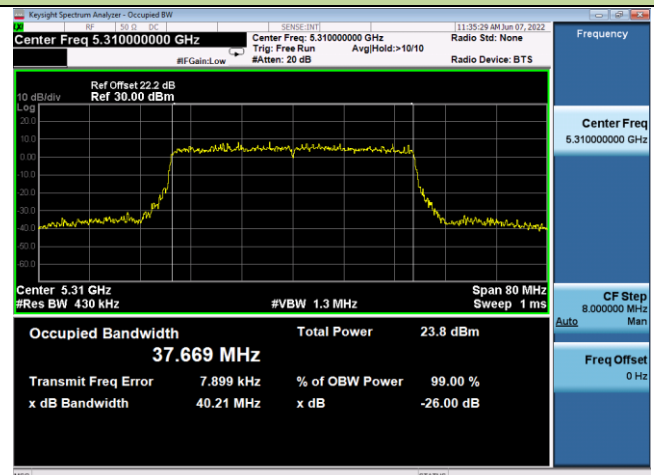
Channel 46 (5230MHz)



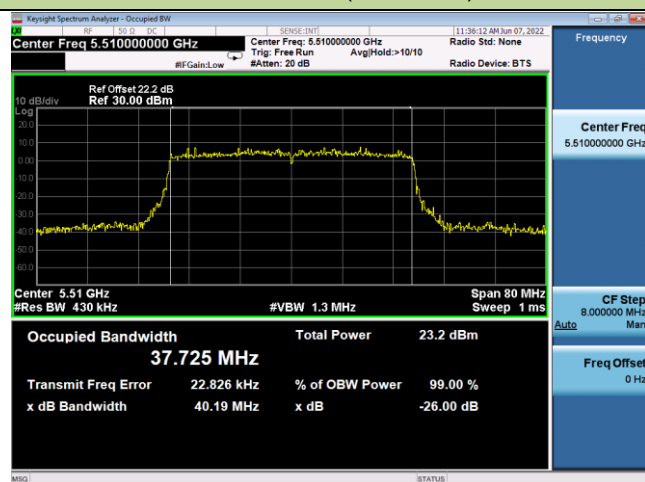
Channel 54 (5270MHz)



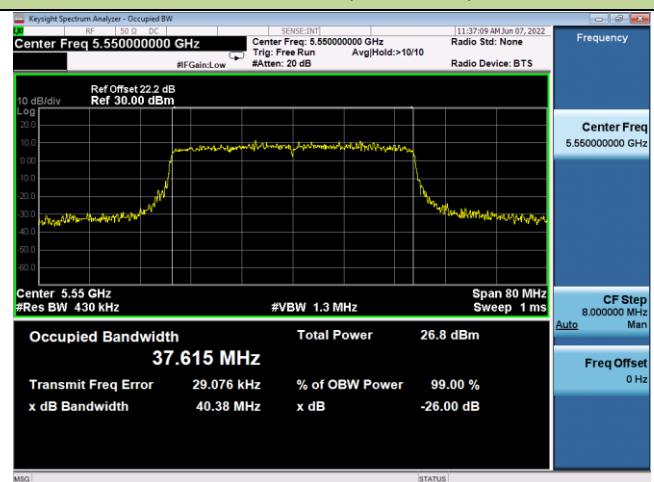
Channel 62(5310MHz)

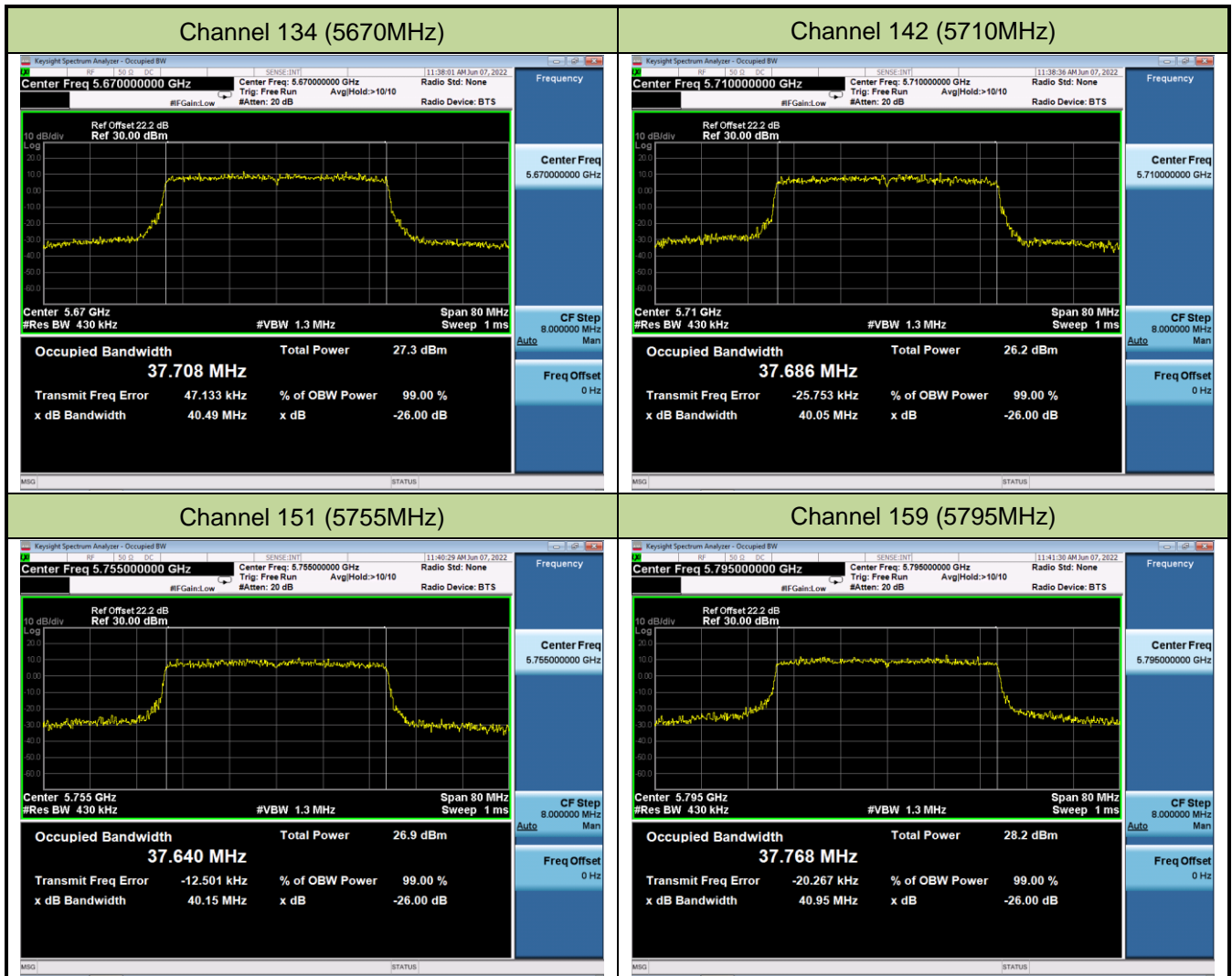


Channel 102 (5510MHz)



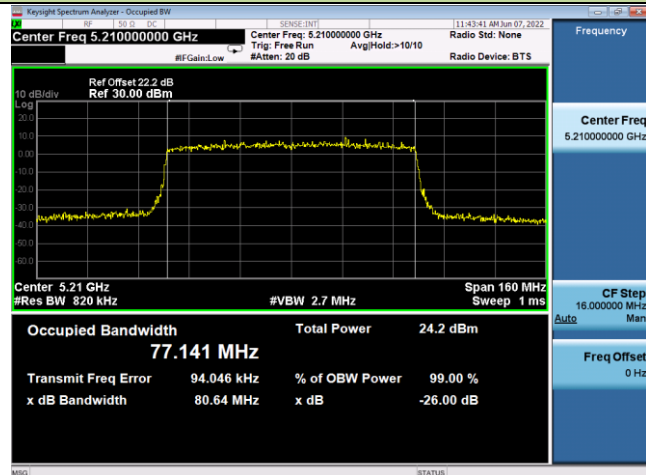
Channel 110 (5550MHz)



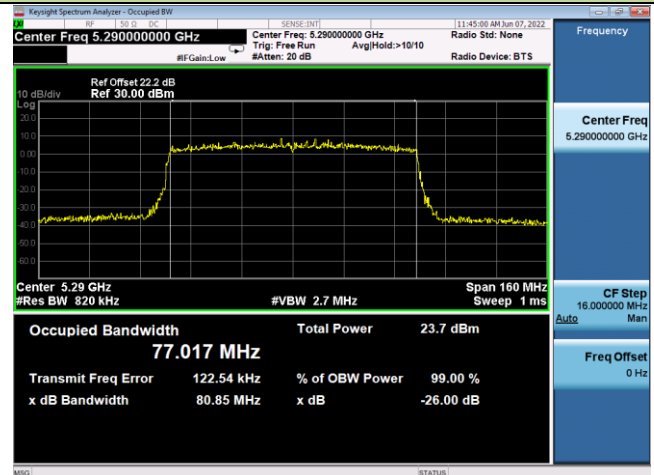


802.11ax-HE80 26dB & 99% Bandwidth

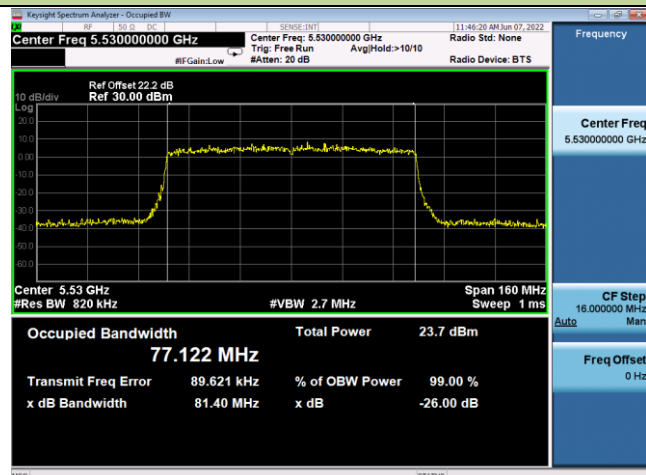
Channel 42 (5210MHz)



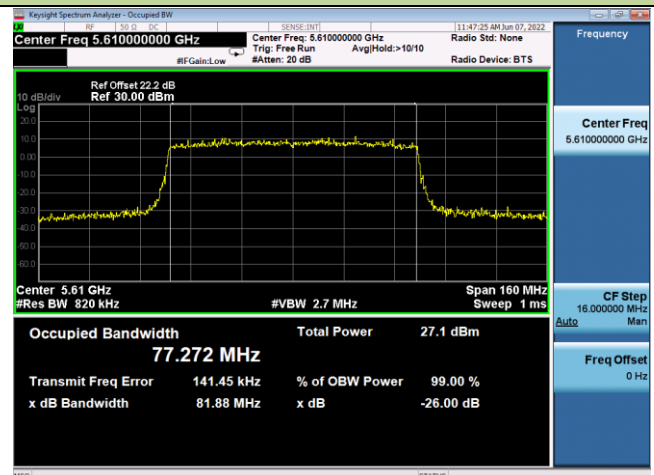
Channel 58 (5290MHz)



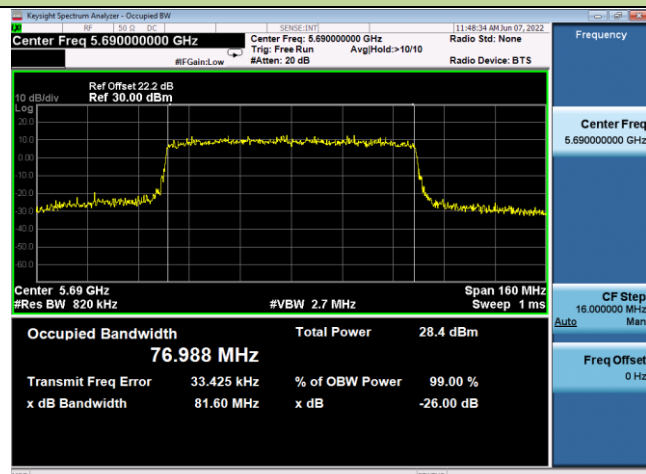
Channel 106 (5530MHz)



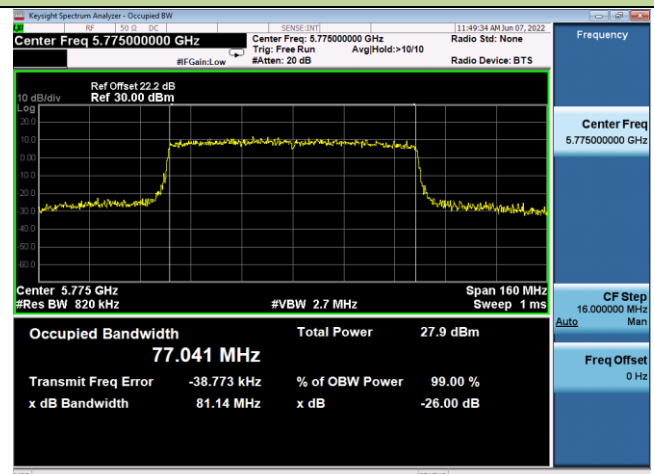
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



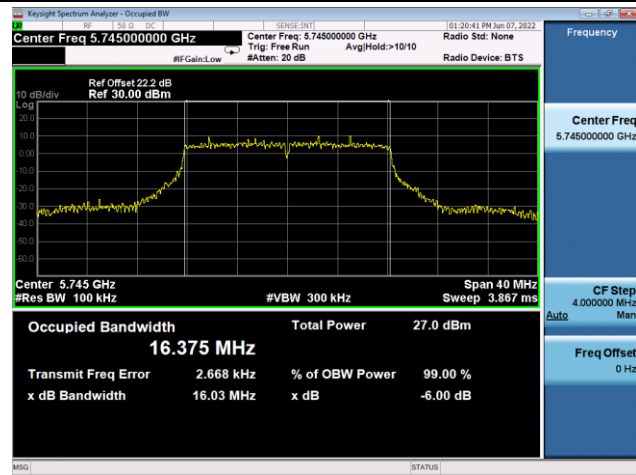
A.3 6dB Bandwidth Test Result

Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2022-06-07		

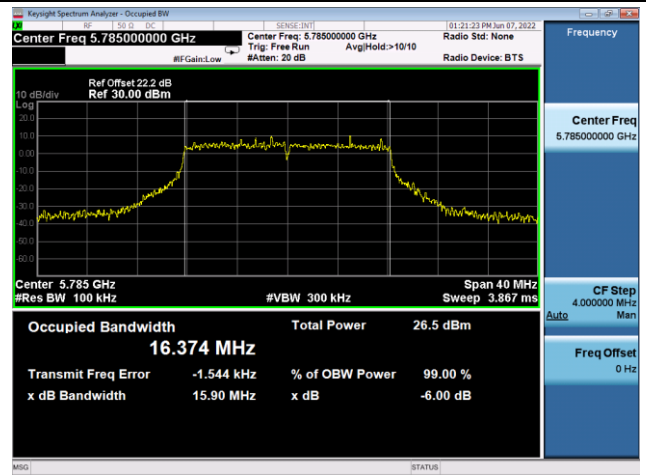
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
802.11a	6Mbps	149	5745	16.03	≥ 0.5	Pass
802.11a	6Mbps	157	5785	15.90	≥ 0.5	Pass
802.11a	6Mbps	165	5825	16.34	≥ 0.5	Pass
802.11ac-VHT20	MCS0	149	5745	15.72	≥ 0.5	Pass
802.11ac-VHT20	MCS0	157	5785	16.34	≥ 0.5	Pass
802.11ac-VHT20	MCS0	165	5825	16.33	≥ 0.5	Pass
802.11ac-VHT40	MCS0	151	5755	36.43	≥ 0.5	Pass
802.11ac-VHT40	MCS0	159	5795	34.82	≥ 0.5	Pass
802.11ac-VHT80	MCS0	155	5775	73.95	≥ 0.5	Pass
802.11ax-HE20	MCS0	149	5745	16.25	≥ 0.5	Pass
802.11ax-HE20	MCS0	157	5785	17.28	≥ 0.5	Pass
802.11ax-HE20	MCS0	165	5825	17.47	≥ 0.5	Pass
802.11ax-HE40	MCS0	151	5755	37.76	≥ 0.5	Pass
802.11ax-HE40	MCS0	159	5795	36.61	≥ 0.5	Pass
802.11ax-HE80	MCS0	155	5775	72.31	≥ 0.5	Pass

802.11a 6dB Bandwidth

Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

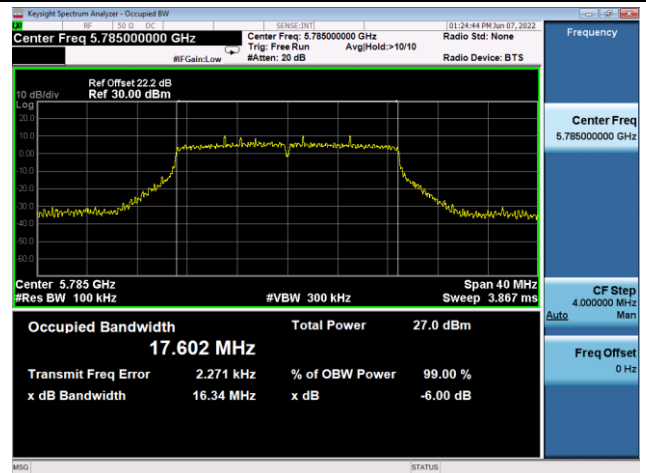


802.11ac-VHT20 6dB Bandwidth

Channel 149 (5745MHz)



Channel 157 (5785MHz)

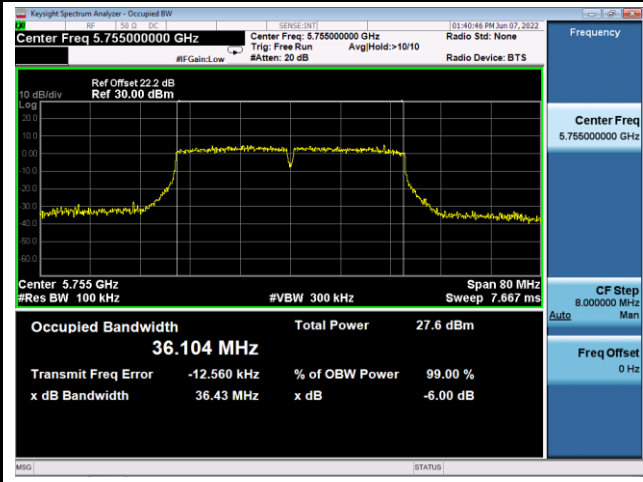


Channel 165 (5825MHz)

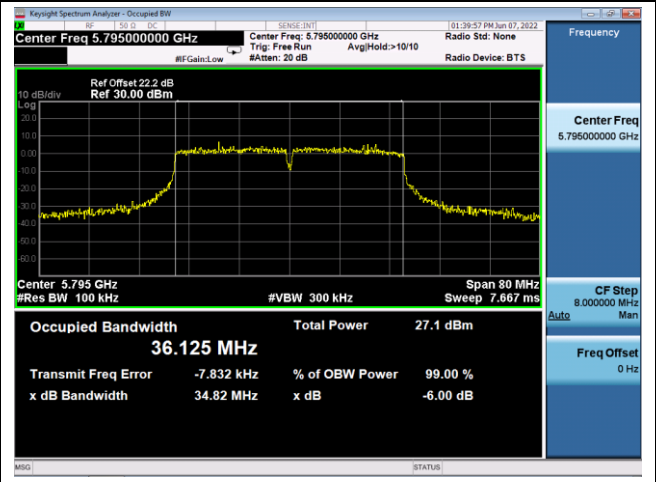


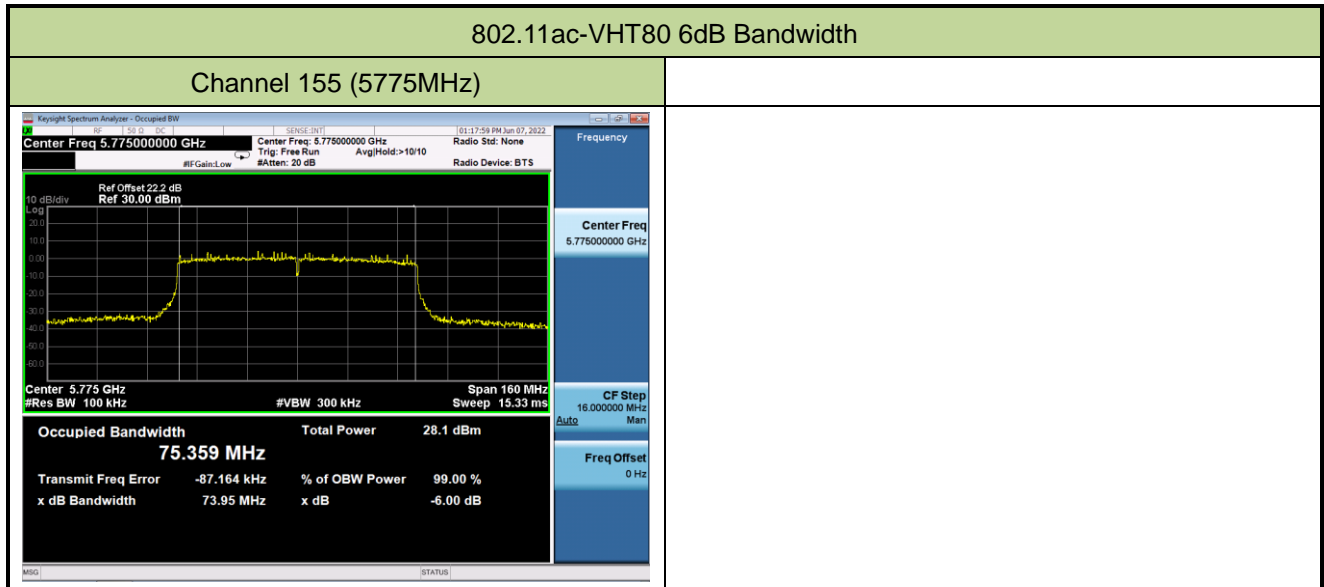
802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)



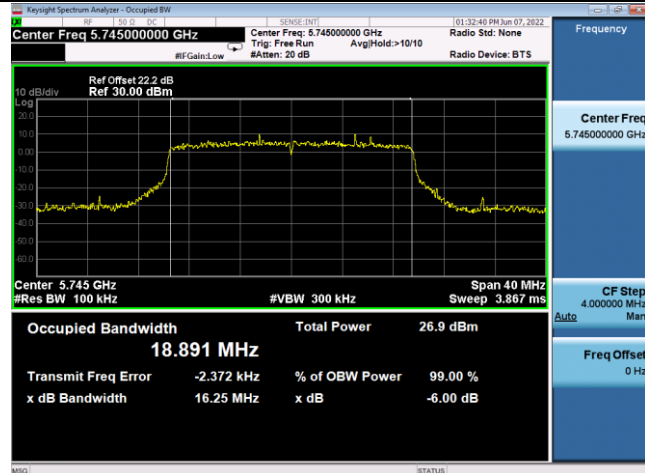
Channel 159 (5795MHz)



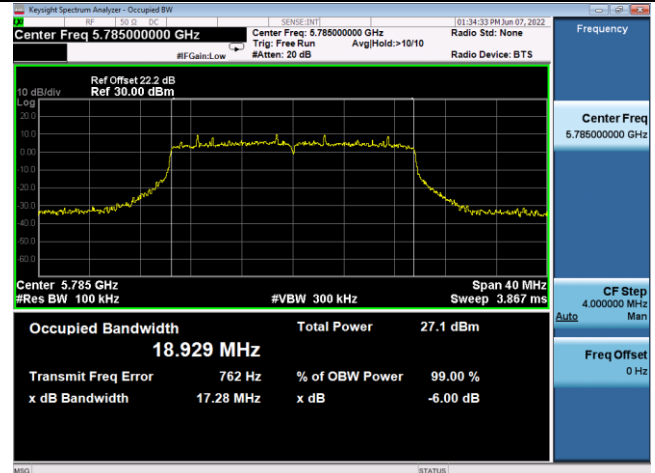


802.11ax-HE20 6dB Bandwidth

Channel 149 (5745MHz)



Channel 157 (5785MHz)

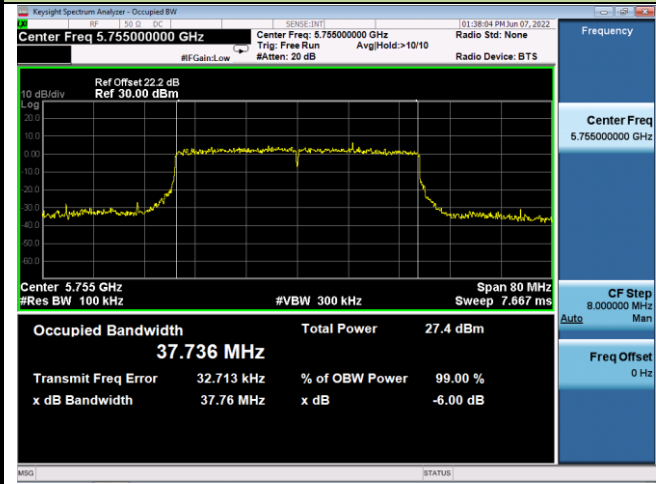


Channel 165 (5825MHz)

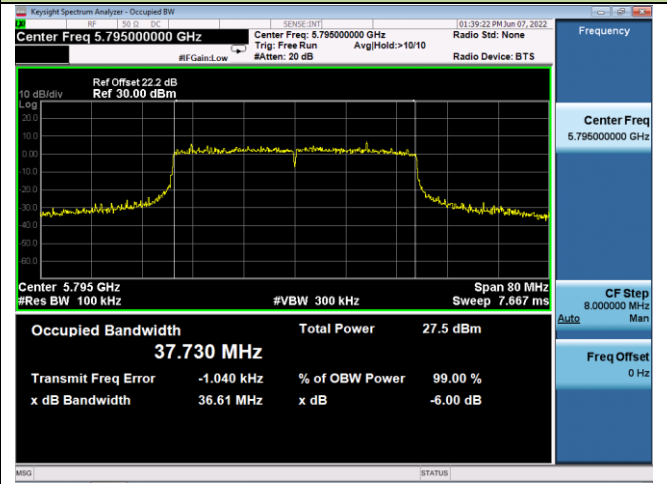


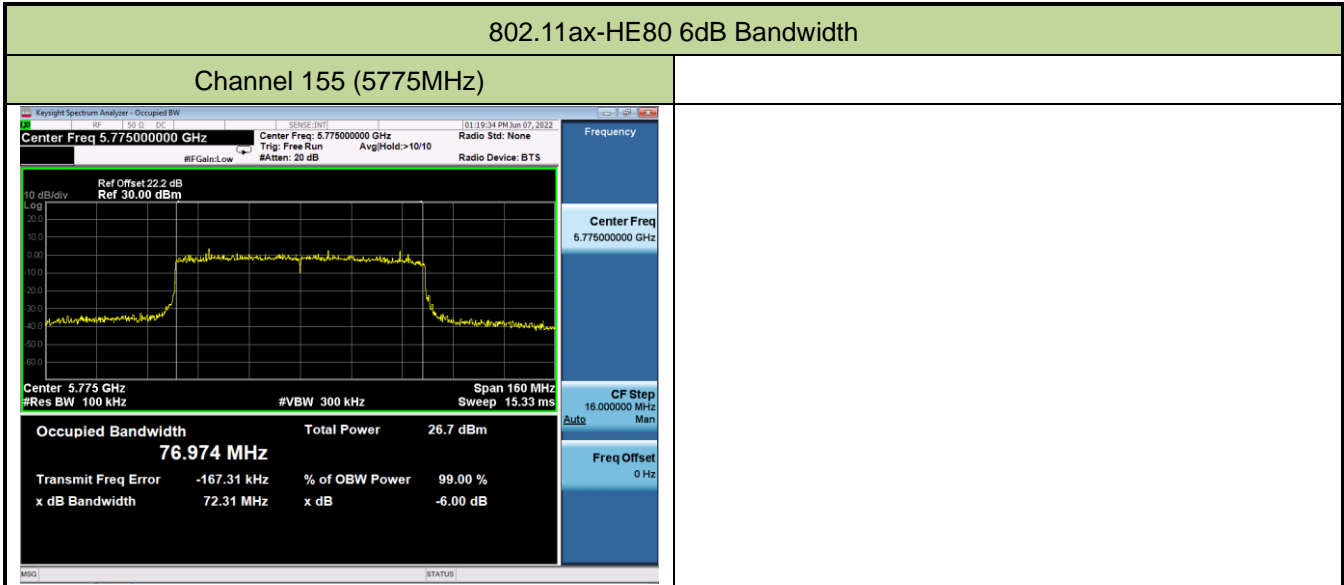
802.11ax-HE40 6dB Bandwidth

Channel 151 (5755MHz)



Channel 159 (5795MHz)





A.4 Output Power Test Result

Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2022-06-06 ~ 2022-06-17		

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
				Ant 0	Ant 1		
11a	6Mbps	36	5180	20.25	20.38	23.33	≤ 30.00
11a	6Mbps	44	5220	20.26	20.46	23.37	≤ 30.00
11a	6Mbps	48	5240	20.37	20.40	23.40	≤ 30.00
11a	6Mbps	52	5260	16.51	16.77	19.65	≤ 23.98
11a	6Mbps	60	5300	15.93	16.53	19.25	≤ 23.98
11a	6Mbps	64	5320	16.08	16.41	19.26	≤ 23.94
11a	6Mbps	100	5500	16.07	16.32	19.21	≤ 23.81
11a	6Mbps	116	5580	15.87	16.26	19.08	≤ 23.88
11a	6Mbps	140	5700	15.54	15.86	18.71	≤ 23.98
11a	6Mbps	144	5720	15.45	15.88	18.68	≤ 22.74
11a	6Mbps	149	5745	20.05	20.54	23.31	≤ 30.00
11a	6Mbps	157	5785	19.73	20.11	22.93	≤ 30.00
11a	6Mbps	165	5825	19.83	20.25	23.06	≤ 30.00
11ac-VHT20	MCS0	36	5180	20.09	20.21	23.16	≤ 30.00
11ac-VHT20	MCS0	44	5220	20.28	20.29	23.30	≤ 30.00
11ac-VHT20	MCS0	48	5240	20.25	20.32	23.30	≤ 30.00
11ac-VHT20	MCS0	52	5260	16.83	16.98	19.92	≤ 23.98
11ac-VHT20	MCS0	60	5300	16.95	17.33	20.15	≤ 23.98
11ac-VHT20	MCS0	64	5320	16.94	17.07	20.02	≤ 23.98
11ac-VHT20	MCS0	100	5500	16.38	16.81	19.61	≤ 23.98
11ac-VHT20	MCS0	116	5580	16.69	17.04	19.88	≤ 23.98
11ac-VHT20	MCS0	140	5700	15.85	16.52	19.21	≤ 23.98
11ac-VHT20	MCS0	144	5720	16.33	16.75	19.56	≤ 22.81
11ac-VHT20	MCS0	149	5745	20.11	20.32	23.23	≤ 30.00
11ac-VHT20	MCS0	157	5785	19.85	20.05	22.96	≤ 30.00
11ac-VHT20	MCS0	165	5825	20.10	20.40	23.26	≤ 30.00

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
				Ant 0	Ant 1		
11ac-VHT40	MCS0	38	5190	17.98	18.08	21.04	≤ 30.00
11ac-VHT40	MCS0	46	5230	20.97	20.90	23.95	≤ 30.00
11ac-VHT40	MCS0	54	5270	19.34	19.58	22.47	≤ 23.98
11ac-VHT40	MCS0	62	5310	17.06	17.23	20.16	≤ 23.98
11ac-VHT40	MCS0	102	5510	16.68	17.01	19.86	≤ 23.98
11ac-VHT40	MCS0	110	5550	19.35	19.51	22.44	≤ 23.98
11ac-VHT40	MCS0	134	5670	18.86	19.24	22.06	≤ 23.98
11ac-VHT40	MCS0	142	5710	18.84	19.25	22.06	≤ 23.98
11ac-VHT40	MCS0	151	5755	20.51	20.84	23.69	≤ 30.00
11ac-VHT40	MCS0	159	5795	20.39	20.70	23.56	≤ 30.00
11ac-VHT80	MCS0	42	5210	16.63	16.84	19.75	≤ 30.00
11ac-VHT80	MCS0	58	5290	15.98	16.07	19.04	≤ 23.98
11ac-VHT80	MCS0	106	5530	15.79	16.10	18.96	≤ 23.98
11ac-VHT80	MCS0	122	5610	19.58	16.66	21.37	≤ 23.98
11ac-VHT80	MCS0	138	5690	20.23	20.58	23.42	≤ 23.98
11ac-VHT80	MCS0	155	5775	19.89	20.15	23.03	≤ 30.00

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
				Ant 0	Ant 1		
11ax-HE20	MCS0	36	5180	20.08	20.11	23.11	≤ 30.00
11ax-HE20	MCS0	44	5220	20.25	20.19	23.23	≤ 30.00
11ax-HE20	MCS0	48	5240	20.04	20.21	23.14	≤ 30.00
11ax-HE20	MCS0	52	5260	16.64	16.88	19.77	≤ 23.98
11ax-HE20	MCS0	60	5300	16.98	17.02	20.01	≤ 23.98
11ax-HE20	MCS0	64	5320	16.49	17.05	19.79	≤ 23.98
11ax-HE20	MCS0	100	5500	16.58	16.63	19.62	≤ 23.98
11ax-HE20	MCS0	116	5580	16.53	16.88	19.72	≤ 23.98
11ax-HE20	MCS0	140	5700	16.22	16.71	19.48	≤ 23.98
11ax-HE20	MCS0	144	5720	16.07	16.67	19.39	≤ 22.93
11ax-HE20	MCS0	149	5745	19.80	20.18	23.00	≤ 30.00
11ax-HE20	MCS0	157	5785	19.55	19.87	22.72	≤ 30.00
11ax-HE20	MCS0	165	5825	19.85	20.16	23.02	≤ 30.00
11ax-HE40	MCS0	38	5190	17.66	17.61	20.65	≤ 30.00
11ax-HE40	MCS0	46	5230	20.50	20.56	23.54	≤ 30.00
11ax-HE40	MCS0	54	5270	19.33	19.66	22.51	≤ 23.98
11ax-HE40	MCS0	62	5310	16.79	16.94	19.88	≤ 23.98
11ax-HE40	MCS0	102	5510	16.40	16.48	19.45	≤ 23.98
11ax-HE40	MCS0	110	5550	19.17	19.74	22.47	≤ 23.98
11ax-HE40	MCS0	134	5670	19.28	19.41	22.36	≤ 23.98
11ax-HE40	MCS0	142	5710	18.78	19.50	22.17	≤ 23.98
11ax-HE40	MCS0	151	5755	20.17	20.40	23.30	≤ 30.00
11ax-HE40	MCS0	159	5795	19.91	20.45	23.20	≤ 30.00
11ax-HE80	MCS0	42	5210	16.52	16.53	19.54	≤ 30.00
11ax-HE80	MCS0	58	5290	15.73	15.98	18.87	≤ 23.98
11ax-HE80	MCS0	106	5530	15.59	15.86	18.74	≤ 23.98
11ax-HE80	MCS0	122	5610	18.40	18.59	21.51	≤ 23.98
11ax-HE80	MCS0	138	5690	20.08	20.26	23.18	≤ 23.98
11ax-HE80	MCS0	155	5775	19.58	19.98	22.79	≤ 30.00

Note: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}\}$.

A.5 Power Spectral Density Test Result

Test Site	NS-TR2	Test Engineer	Summer Tang
Test Date	2022-06-06~2022-06-17		

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	AVPSD (dBm/ MHz)		Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/ MHz)
				Ant 0	Ant 1			
For NII-1/-2a/-2c Bands								
11a	6Mbps	36	5180	9.442	9.791	95.27	12.841	≤ 15.09
11a	6Mbps	44	5220	9.743	9.863	95.27	13.024	≤ 15.09
11a	6Mbps	48	5240	9.726	9.656	95.27	12.912	≤ 15.09
11a	6Mbps	52	5260	5.673	5.910	95.27	9.014	≤ 9.09
11a	6Mbps	60	5300	5.327	5.523	95.27	8.647	≤ 9.09
11a	6Mbps	64	5320	5.174	5.289	95.27	8.453	≤ 9.09
11a	6Mbps	100	5500	5.165	5.499	95.27	8.556	≤ 9.09
11a	6Mbps	116	5580	5.630	5.671	95.27	8.871	≤ 9.09
11a	6Mbps	140	5700	5.278	5.629	95.27	8.678	≤ 9.09
11a	6Mbps	144	5720	5.299	5.211	95.27	8.476	≤ 9.09
11ac-VHT20	MCS0	36	5180	9.093	9.194	93.96	12.425	≤ 15.09
11ac-VHT20	MCS0	44	5220	9.074	9.105	93.96	12.370	≤ 15.09
11ac-VHT20	MCS0	48	5240	9.114	9.016	93.96	12.346	≤ 15.09
11ac-VHT20	MCS0	52	5260	5.669	5.338	93.96	8.788	≤ 9.09
11ac-VHT20	MCS0	60	5300	5.584	5.809	93.96	8.979	≤ 9.09
11ac-VHT20	MCS0	64	5320	5.385	5.370	93.96	8.658	≤ 9.09
11ac-VHT20	MCS0	100	5500	5.138	5.406	93.96	8.555	≤ 9.09
11ac-VHT20	MCS0	116	5580	5.685	5.743	93.96	8.995	≤ 9.09
11ac-VHT20	MCS0	140	5700	4.915	5.627	93.96	8.566	≤ 9.09
11ac-VHT20	MCS0	144	5720	5.238	5.664	93.96	8.737	≤ 9.09
11ac-VHT40	MCS0	38	5190	3.842	3.827	94.24	7.102	≤ 15.09
11ac-VHT40	MCS0	46	5230	6.777	6.834	94.24	10.074	≤ 15.09
11ac-VHT40	MCS0	54	5270	5.176	5.287	94.24	8.500	≤ 9.09
11ac-VHT40	MCS0	62	5310	2.826	2.718	94.24	6.040	≤ 9.09
11ac-VHT40	MCS0	102	5510	2.130	2.222	94.24	5.444	≤ 9.09
11ac-VHT40	MCS0	110	5550	5.265	5.538	94.24	8.672	≤ 9.09
11ac-VHT40	MCS0	134	5670	5.301	5.765	94.24	8.807	≤ 9.09
11ac-VHT40	MCS0	142	5710	5.215	5.691	94.24	8.727	≤ 9.09

Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	AVPSD (dBm/ MHz)		Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/ MHz)
				Ant 0	Ant 1			
For NII-1/-2a/-2c Bands								
11ac-VHT80	MCS0	42	5210	-0.981	-0.752	94.52	2.390	≤ 15.09
11ac-VHT80	MCS0	58	5290	-2.061	-1.386	94.52	1.545	≤ 9.09
11ac-VHT80	MCS0	106	5530	-2.358	-1.830	94.52	1.169	≤ 9.09
11ac-VHT80	MCS0	122	5610	2.314	2.589	94.52	5.709	≤ 9.09
11ac-VHT80	MCS0	138	5690	3.460	4.185	94.52	7.093	≤ 9.09
11ax-HE20	MCS0	36	5180	9.057	8.707	95.03	12.117	≤ 15.09
11ax-HE20	MCS0	44	5220	8.655	8.819	95.03	11.969	≤ 15.09
11ax-HE20	MCS0	48	5240	8.557	8.719	95.03	11.870	≤ 15.09
11ax-HE20	MCS0	52	5260	5.343	5.521	95.03	8.665	≤ 9.09
11ax-HE20	MCS0	60	5300	5.663	5.533	95.03	8.830	≤ 9.09
11ax-HE20	MCS0	64	5320	5.424	5.303	95.03	8.596	≤ 9.09
11ax-HE20	MCS0	100	5500	4.722	4.765	95.03	7.975	≤ 9.09
11ax-HE20	MCS0	116	5580	5.441	5.567	95.03	8.736	≤ 9.09
11ax-HE20	MCS0	140	5700	5.112	5.742	95.03	8.670	≤ 9.09
11ax-HE20	MCS0	144	5720	5.271	5.453	95.03	8.595	≤ 9.09
11ax-HE40	MCS0	38	5190	3.284	3.573	94.29	6.697	≤ 15.09
11ax-HE40	MCS0	46	5230	6.106	6.289	94.29	9.464	≤ 15.09
11ax-HE40	MCS0	54	5270	5.480	5.705	94.29	8.860	≤ 9.09
11ax-HE40	MCS0	62	5310	2.255	2.686	94.29	5.741	≤ 9.09
11ax-HE40	MCS0	102	5510	1.870	1.989	94.29	5.196	≤ 9.09
11ax-HE40	MCS0	110	5550	5.448	5.719	94.29	8.851	≤ 9.09
11ax-HE40	MCS0	134	5670	5.497	5.808	94.29	8.921	≤ 9.09
11ax-HE40	MCS0	142	5710	5.194	5.765	94.29	8.755	≤ 9.09
11ax-HE80	MCS0	42	5210	-0.852	-0.715	93.99	2.497	≤ 15.09
11ax-HE80	MCS0	58	5290	-1.819	-1.730	93.99	1.505	≤ 9.09
11ax-HE80	MCS0	106	5530	-1.983	-1.252	93.99	1.677	≤ 9.09
11ax-HE80	MCS0	122	5610	1.678	2.116	93.99	5.182	≤ 9.09
11ax-HE80	MCS0	138	5690	2.920	3.586	93.99	6.545	≤ 9.09

Note:

- The EUT duty cycle < 98%, the total PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)}\} + 10 \cdot \log (1/\text{Duty cycle})$.
- For NII-1 Band, PSD Limit = $17 - (7.91 - 6) = 15.09$ (dBm/MHz).
For NII-2a/-2c Band, PSD Limit = $11 - (7.91 - 6) = 9.09$ (dBm/MHz).

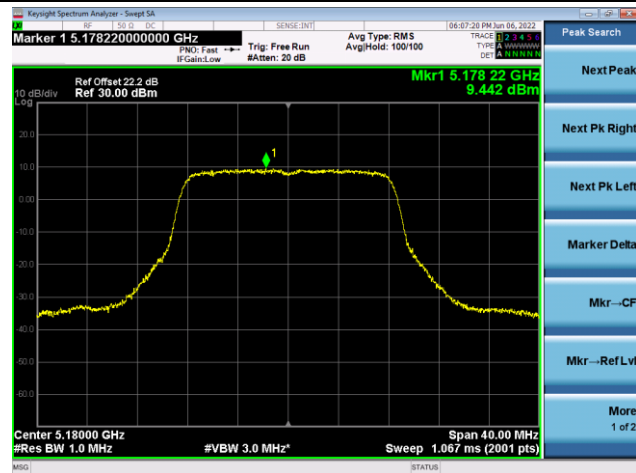
Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	AVPSD		Duty Cycle (%)	Total PSD (dBm/ 510kHz)	PSD Limit (dBm/ 500kHz)
				(dBm/510kHz)				
				Ant 0	Ant 1			
For NII-3 Band								
11a	6Mbps	149	5745	6.451	6.998	95.27	9.954	≤ 28.09
11a	6Mbps	157	5785	6.194	6.608	95.27	9.627	≤ 28.09
11a	6Mbps	165	5825	6.190	7.095	95.27	9.887	≤ 28.09
11ac-VHT20	MCS0	149	5745	5.593	6.319	93.96	9.252	≤ 28.09
11ac-VHT20	MCS0	157	5785	5.435	6.107	93.96	9.065	≤ 28.09
11ac-VHT20	MCS0	165	5825	5.426	6.303	93.96	9.167	≤ 28.09
11ac-VHT40	MCS0	151	5755	3.552	3.769	94.24	6.930	≤ 28.09
11ac-VHT40	MCS0	159	5795	3.338	3.850	94.24	6.869	≤ 28.09
11ac-VHT80	MCS0	155	5775	-0.311	-0.005	94.52	3.100	≤ 28.09
11ax-HE20	MCS0	149	5745	5.499	5.962	95.03	8.968	≤ 28.09
11ax-HE20	MCS0	157	5785	5.001	5.596	95.03	8.540	≤ 28.09
11ax-HE20	MCS0	165	5825	5.328	5.802	95.03	8.803	≤ 28.09
11ax-HE40	MCS0	151	5755	3.305	3.633	94.29	6.738	≤ 28.09
11ax-HE40	MCS0	159	5795	3.303	3.967	94.29	6.913	≤ 28.09
11ax-HE80	MCS0	155	5775	-0.494	0.423	93.99	3.268	≤ 28.09

Note:

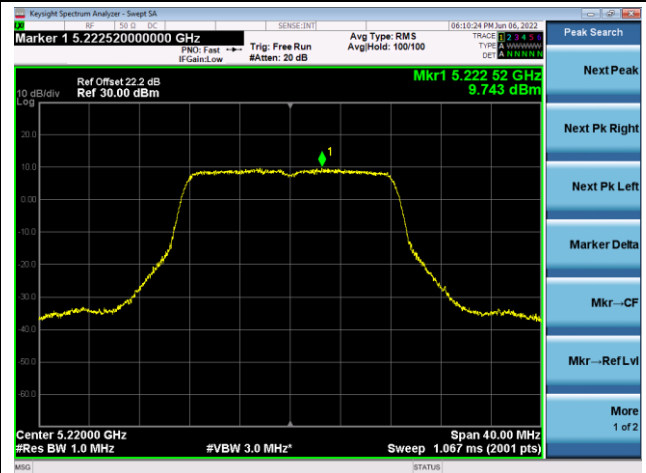
- The EUT duty cycle < 98%, the total PSD (dBm/510kHz) = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)}\} + 10 \cdot \log (1/\text{Duty cycle})$.
- PSD Limit (dBm/500kHz) = $30 - (7.91 - 6) = 28.09$ (dBm/500kHz).

802.11a Power Spectral Density - Ant 0

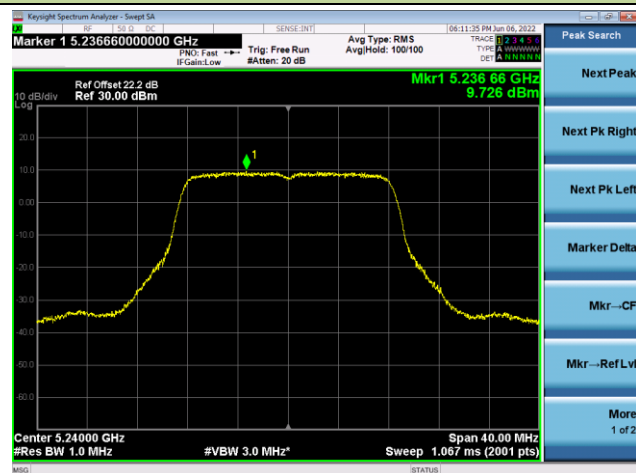
Channel 36 (5180MHz)



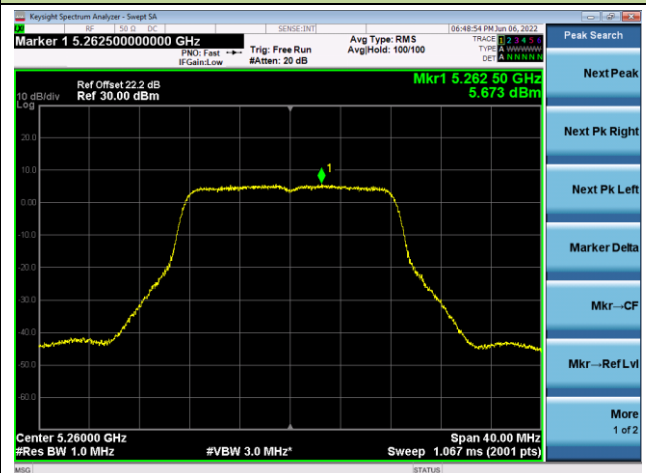
Channel 44 (5220MHz)



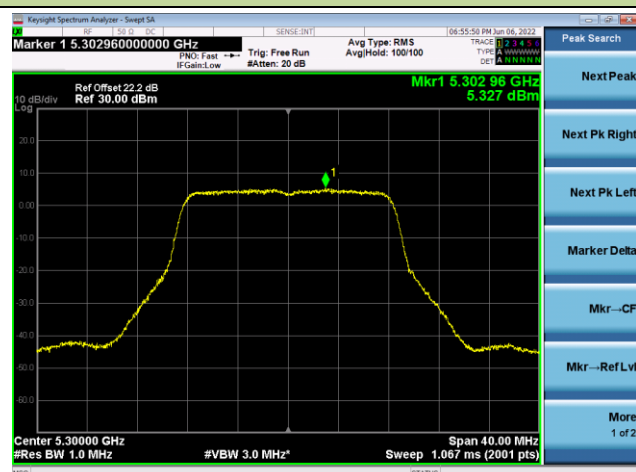
Channel 48 (5240MHz)



Channel 52(5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)

