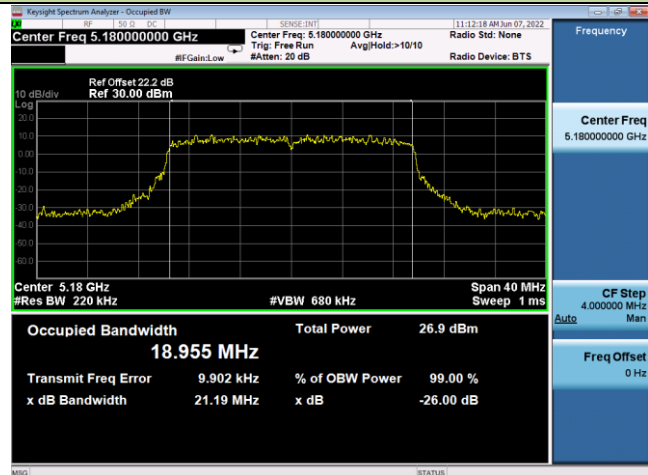
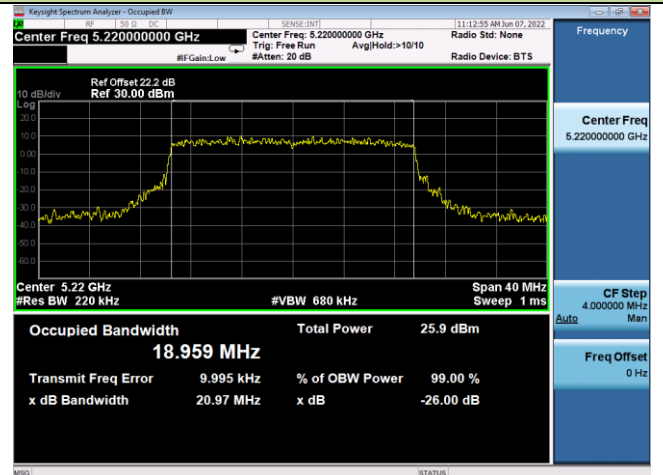


802.11ax-HE20 26dB & 99% Bandwidth

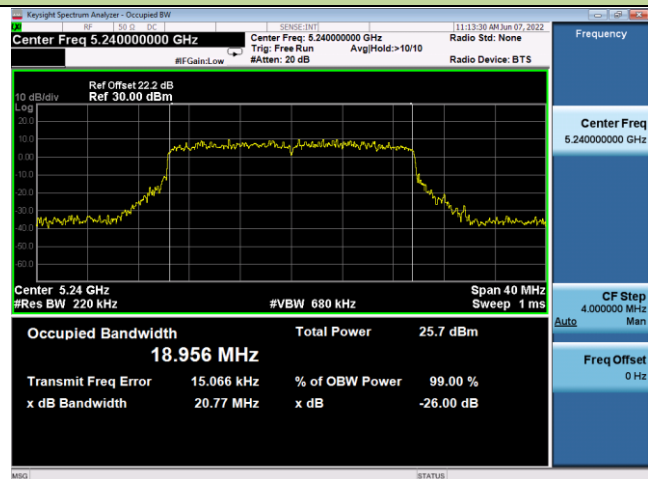
Channel 36 (5180MHz)



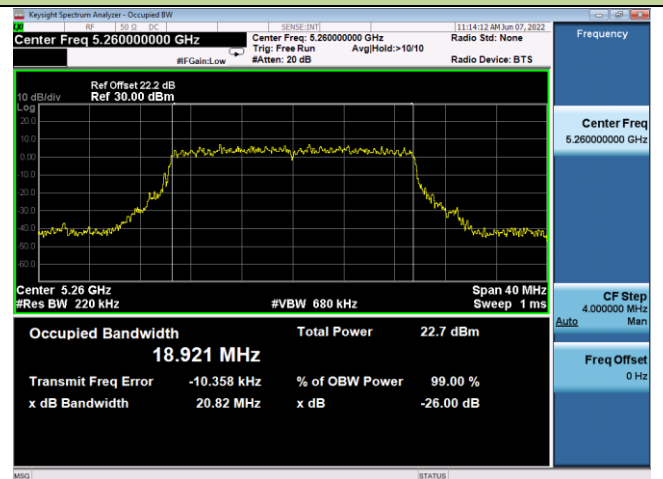
Channel 44 (5220MHz)



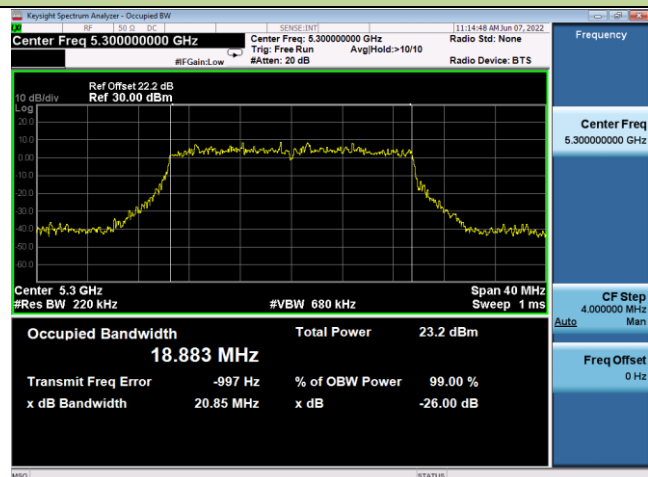
Channel 48 (5240MHz)



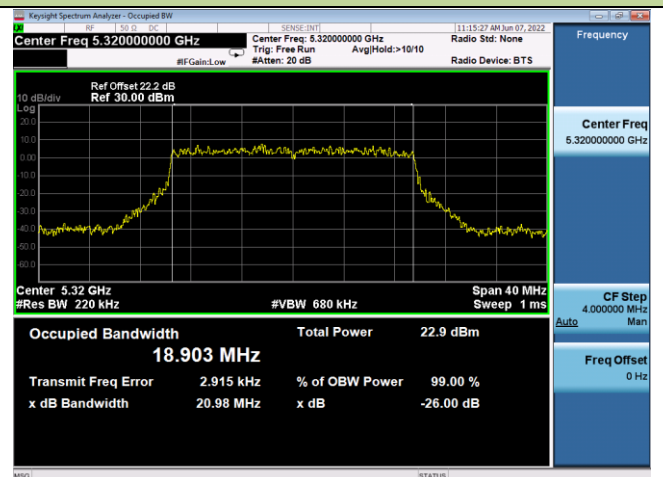
Channel 52(5260MHz)

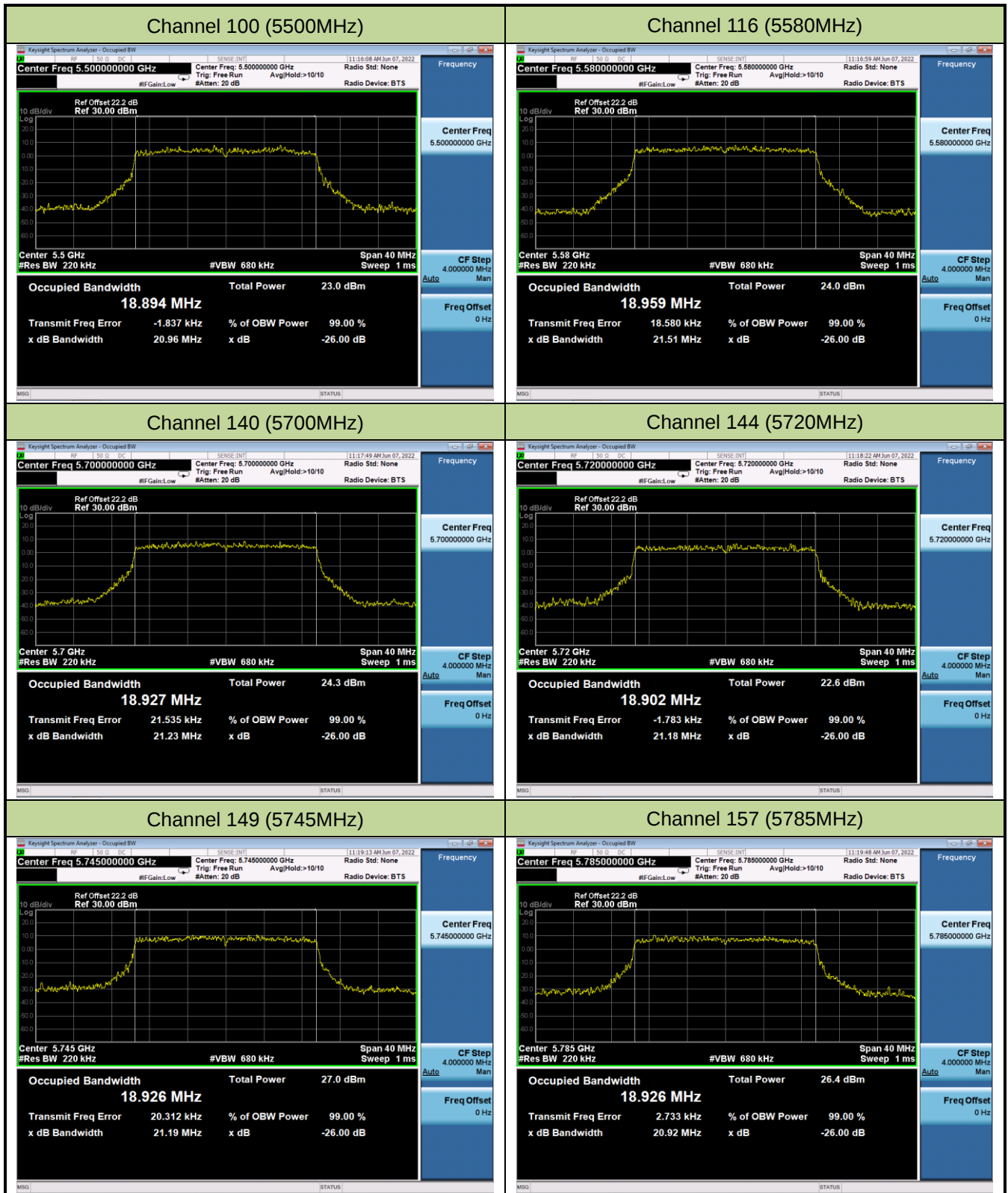


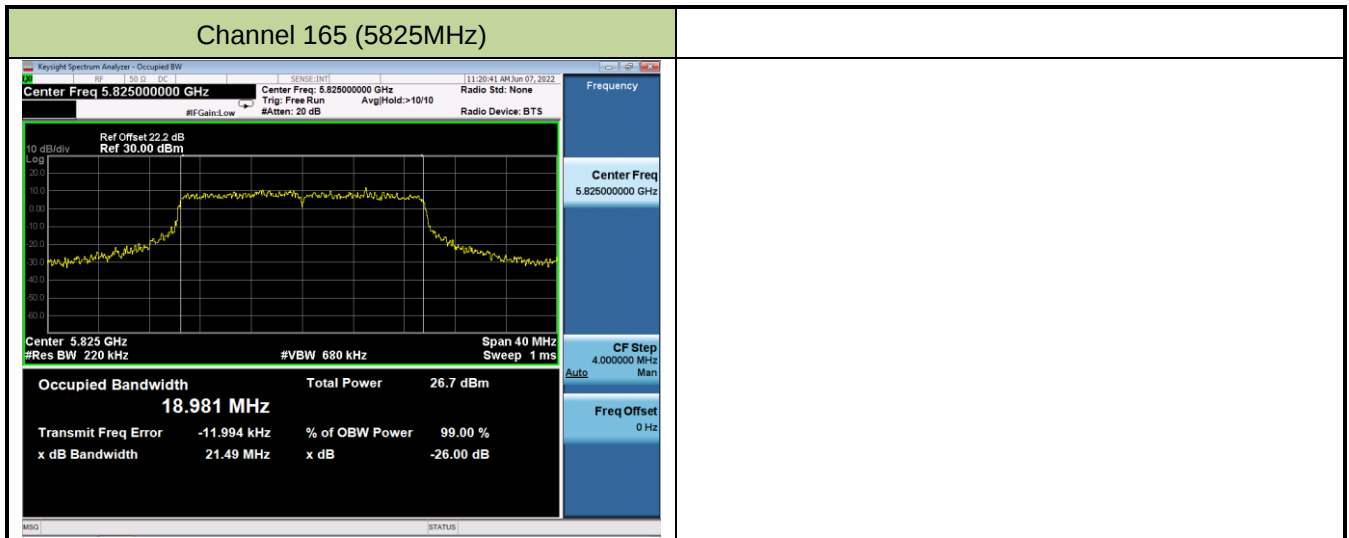
Channel 60 (5300MHz)



Channel 64 (5320MHz)

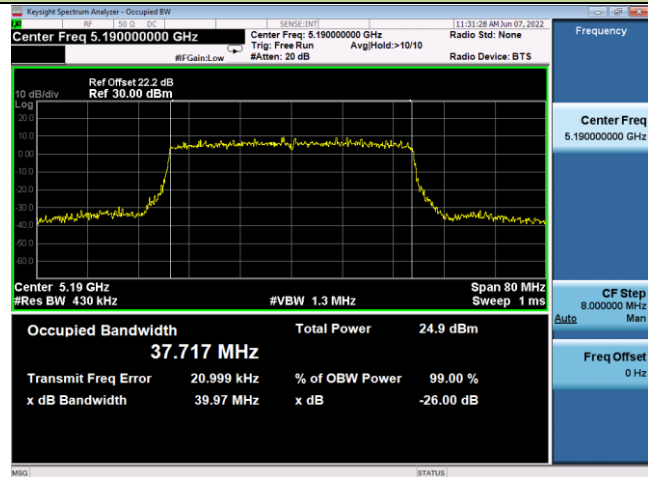




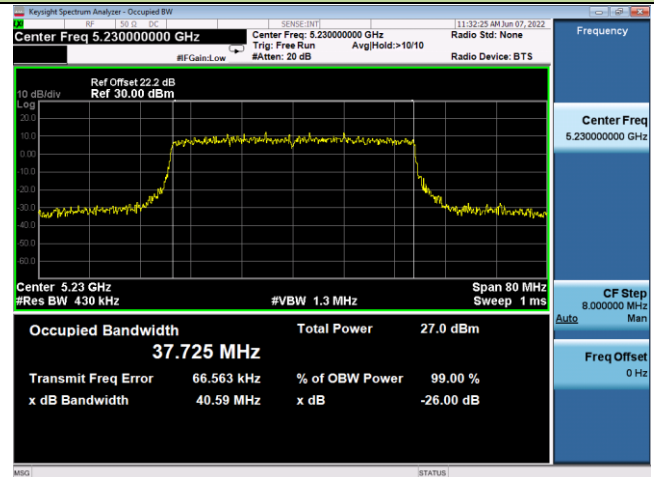


802.11ax-HE40 26dB & 99% Bandwidth

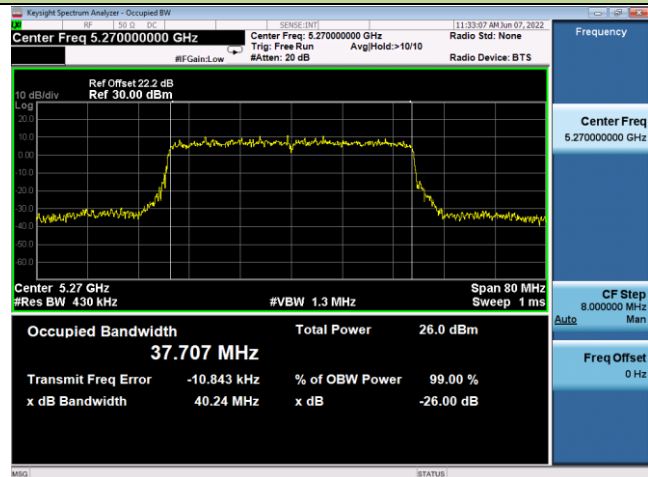
Channel 38 (5190MHz)



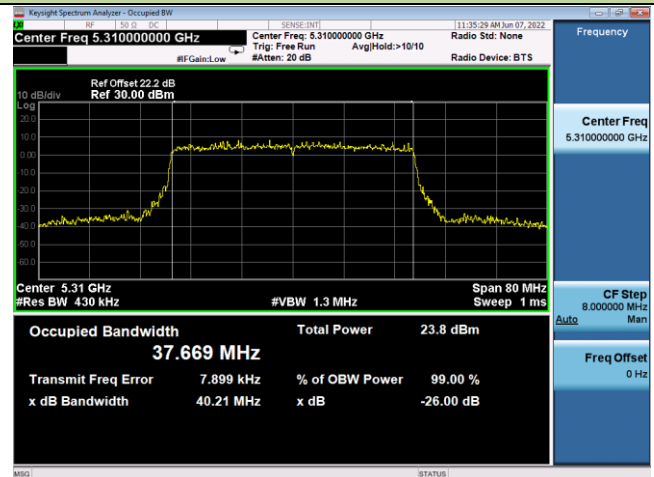
Channel 46 (5230MHz)



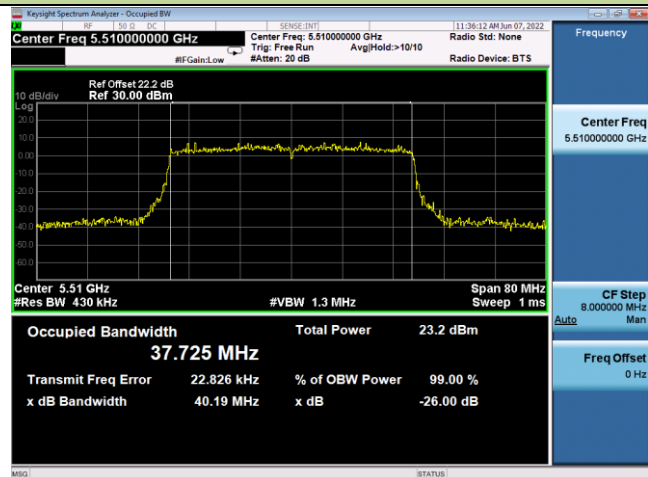
Channel 54 (5270MHz)



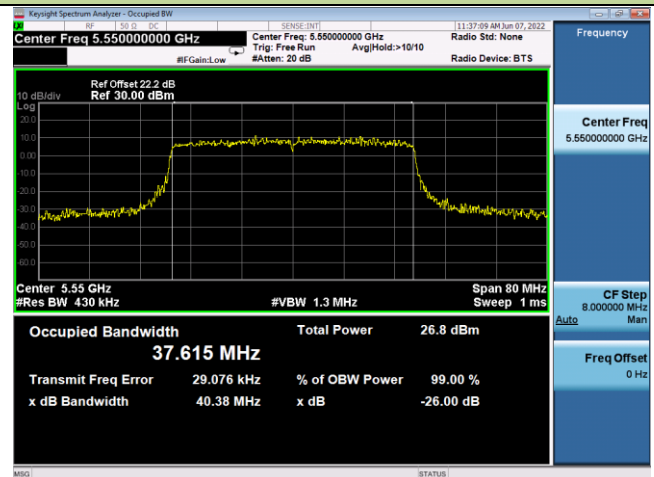
Channel 62(5310MHz)

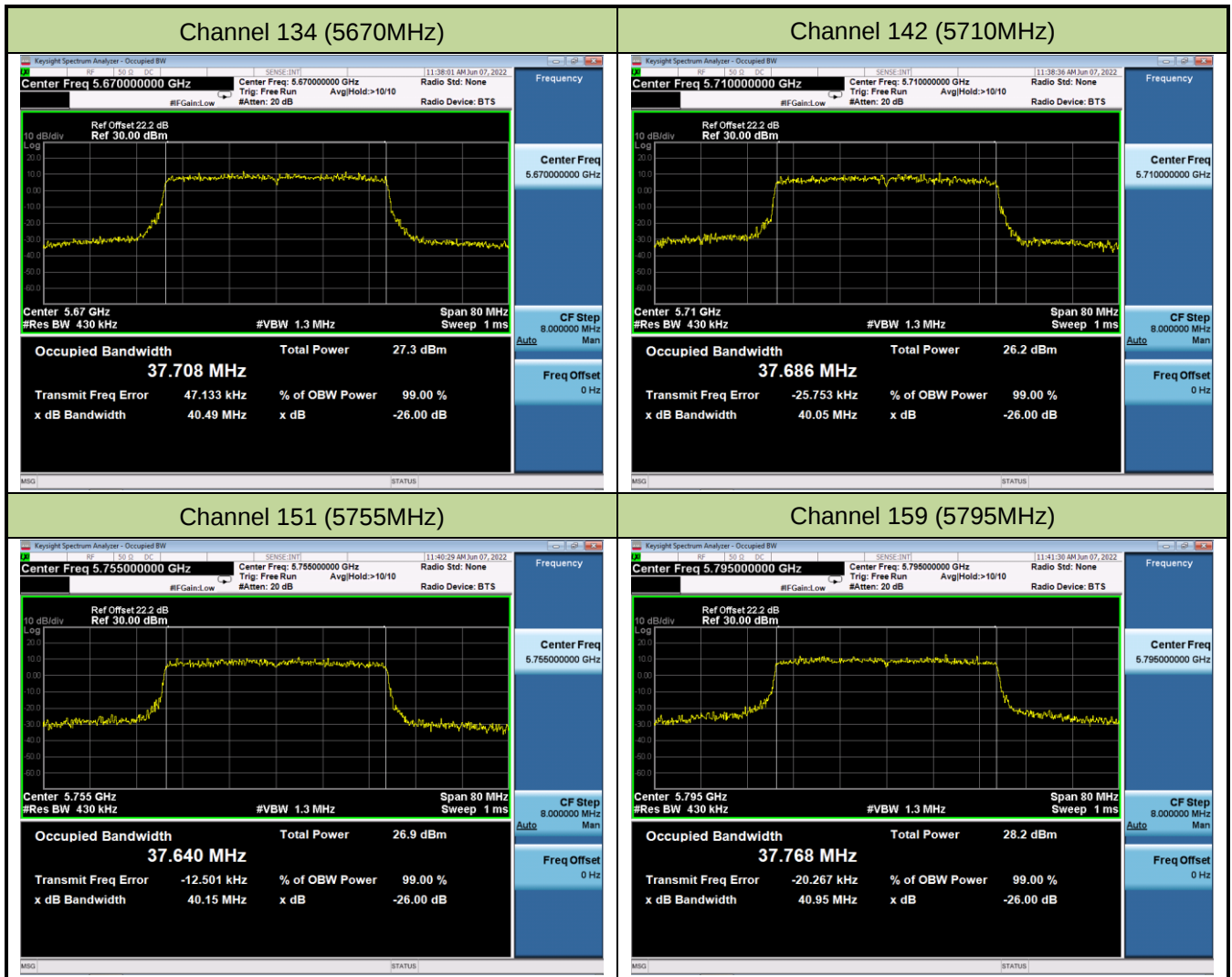


Channel 102 (5510MHz)



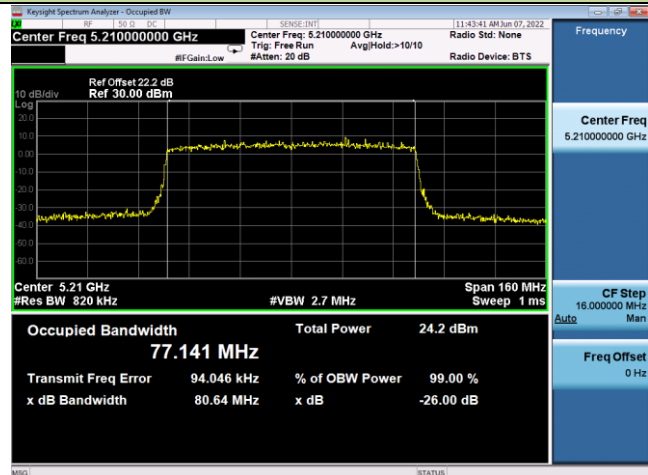
Channel 110 (5550MHz)



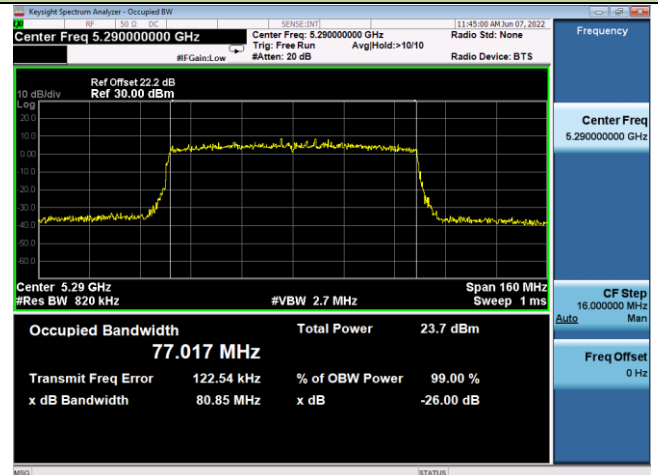


802.11ax-HE80 26dB & 99% Bandwidth

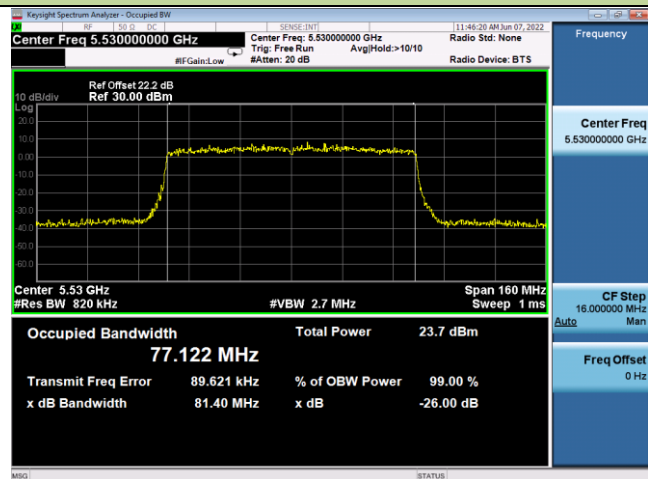
Channel 42 (5210MHz)



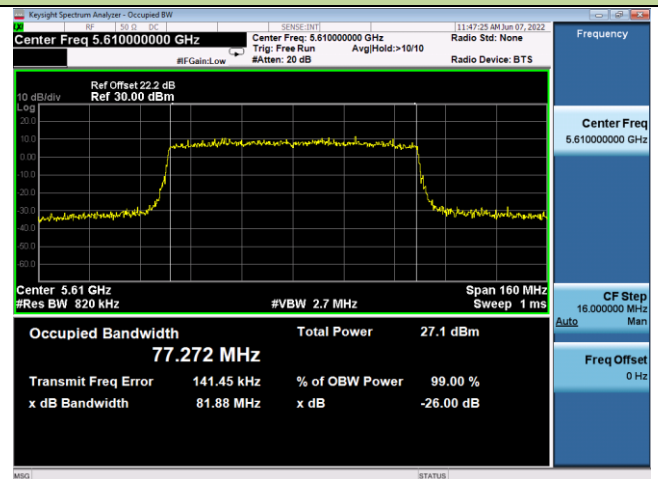
Channel 58 (5290MHz)



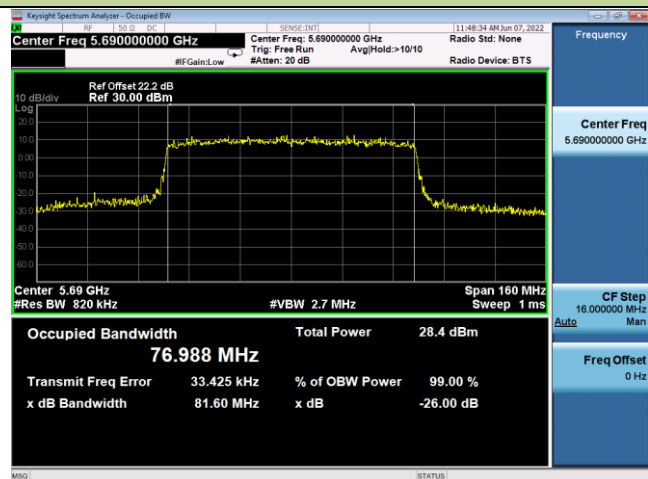
Channel 106 (5530MHz)



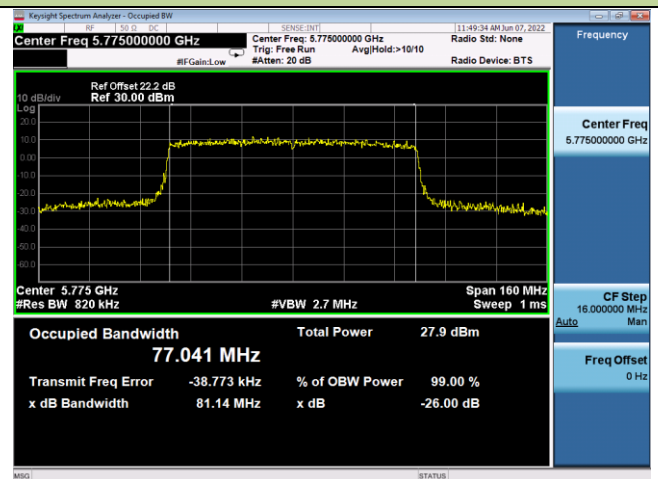
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



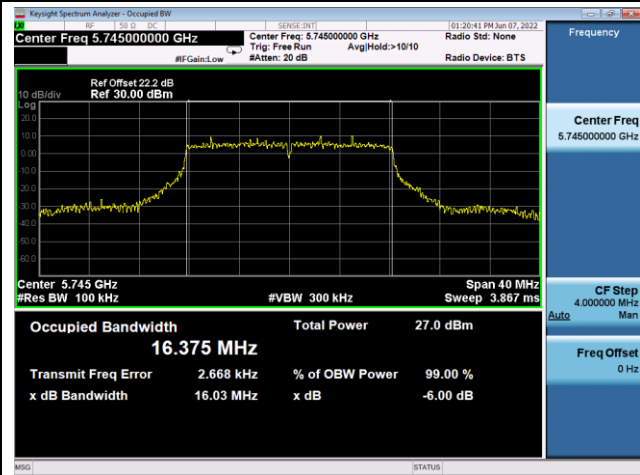
A.3 6dB Bandwidth Test Result

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

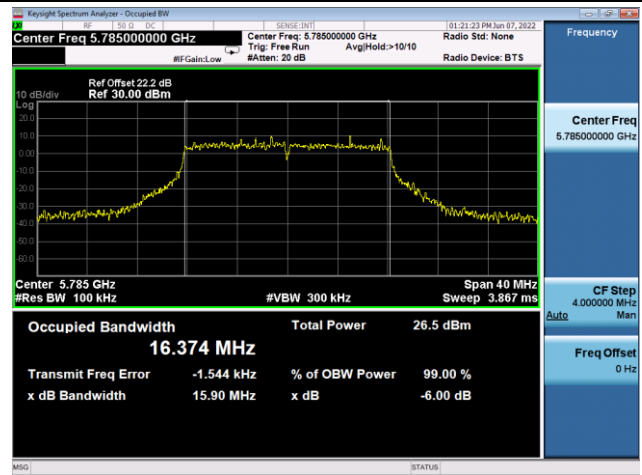
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
802.11a	6Mbps	149	5745	16.03	≥ 0.5	Pass
802.11a	6Mbps	157	5785	15.90	≥ 0.5	Pass
802.11a	6Mbps	165	5825	16.34	≥ 0.5	Pass
802.11ac-VHT20	MCS0	149	5745	15.72	≥ 0.5	Pass
802.11ac-VHT20	MCS0	157	5785	16.34	≥ 0.5	Pass
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

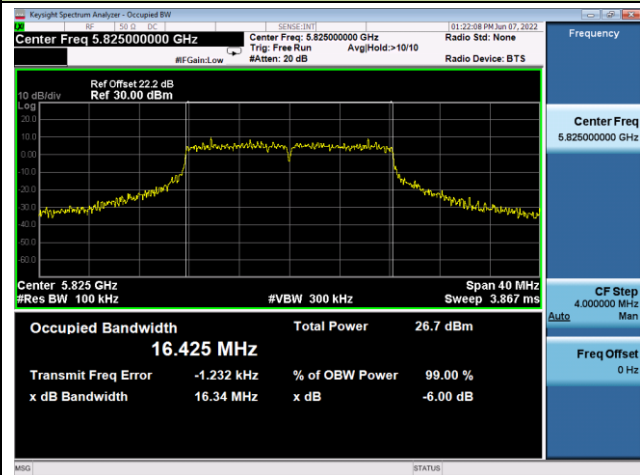
Channel 149 (5745MHz)



Channel 157 (5785MHz)

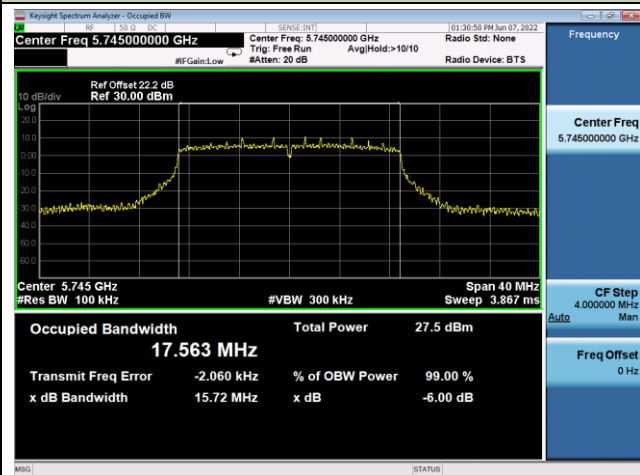


Channel 165 (5825MHz)

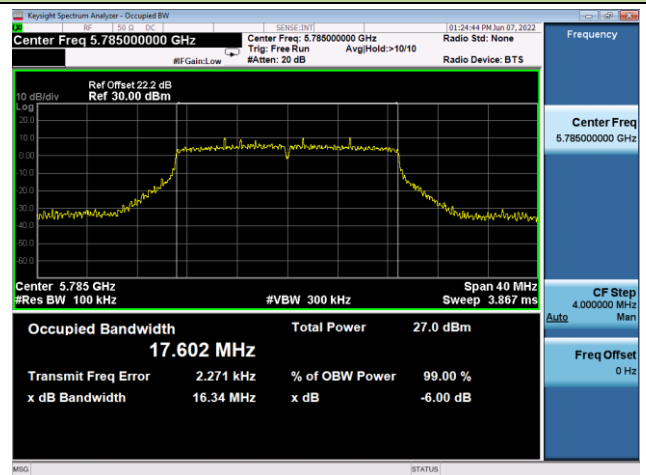


802.11ac-VHT20 6dB Bandwidth

Channel 149 (5745MHz)

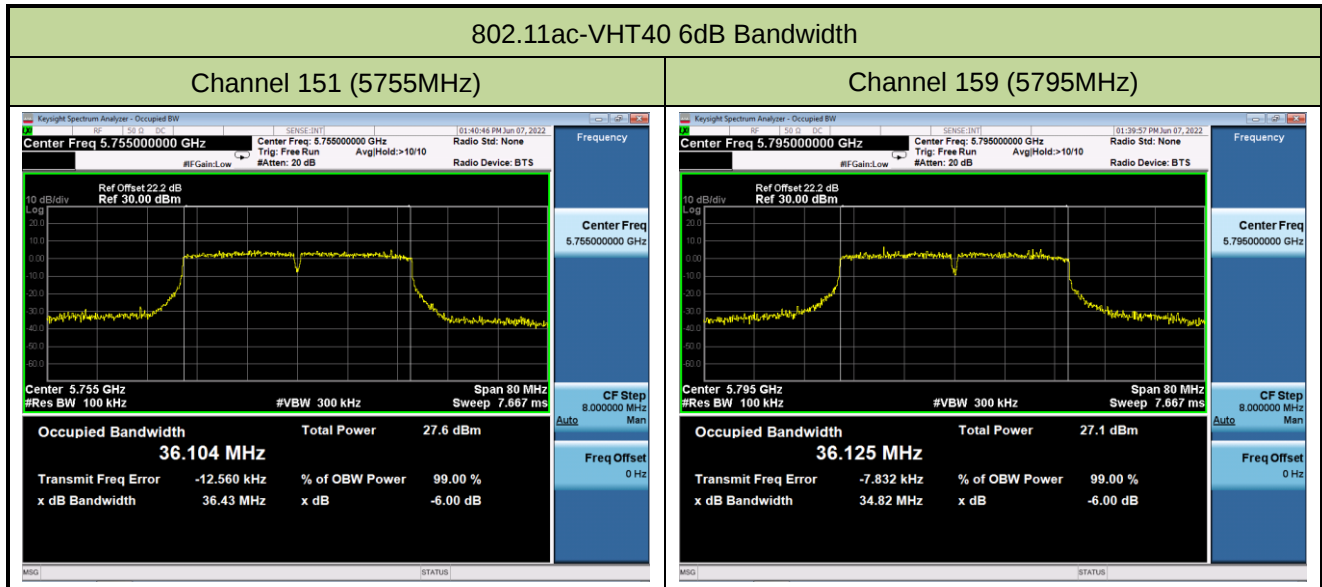


Channel 157 (5785MHz)



Channel 165 (5825MHz)





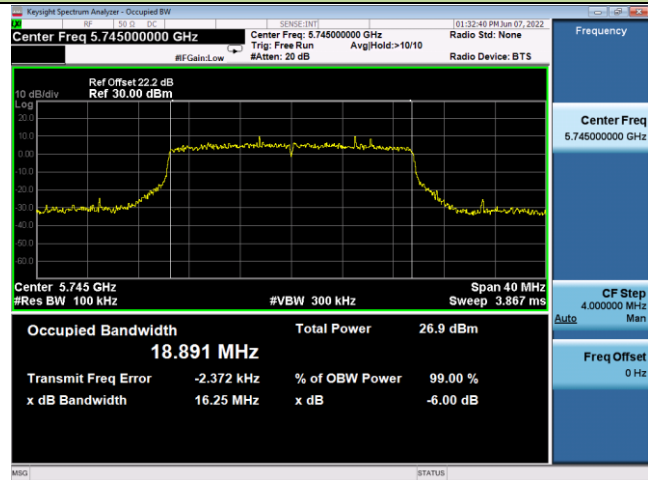
802.11ac-VHT80 6dB Bandwidth

Channel 155 (5775MHz)

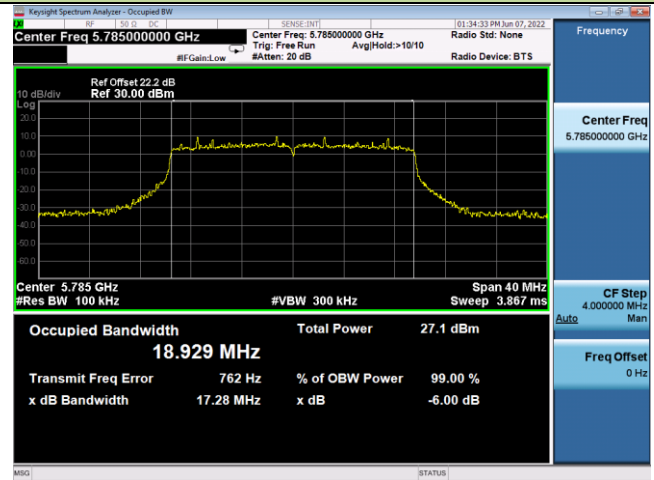


802.11ax-HE20 6dB Bandwidth

Channel 149 (5745MHz)



Channel 157 (5785MHz)

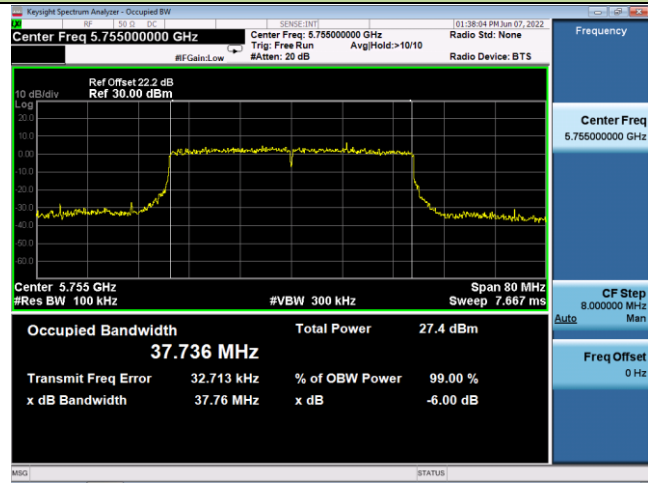


Channel 165 (5825MHz)

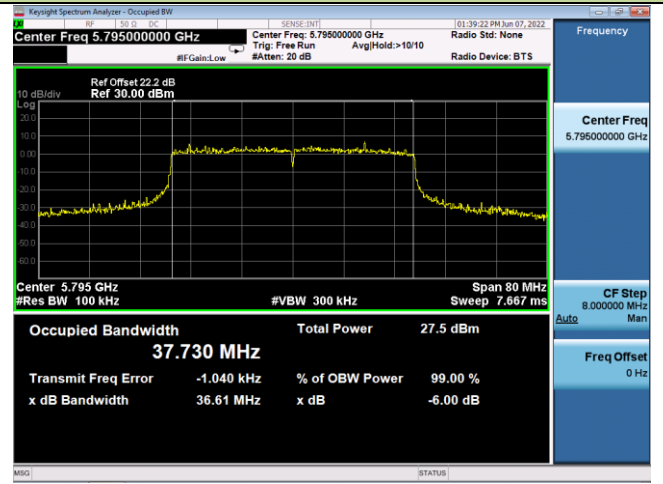


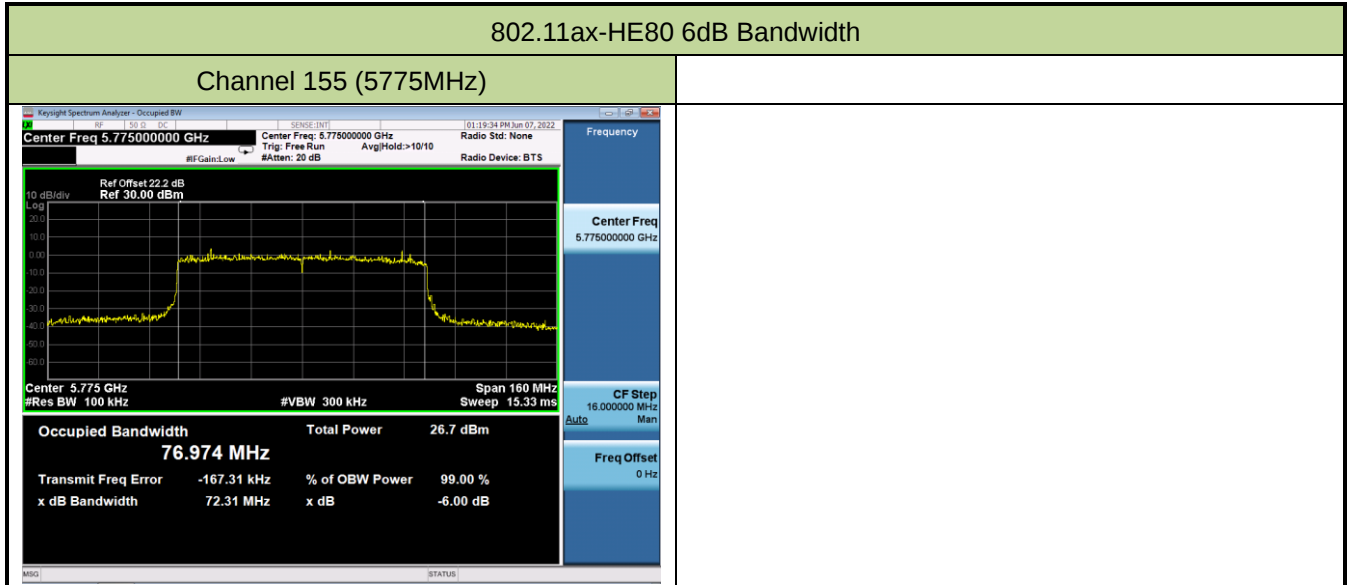
802.11ax-HE40 6dB Bandwidth

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	PSD Limit
				Ant 0	Ant 1	(%)	(dBm/MHz)	(dBm/ MHz)
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).

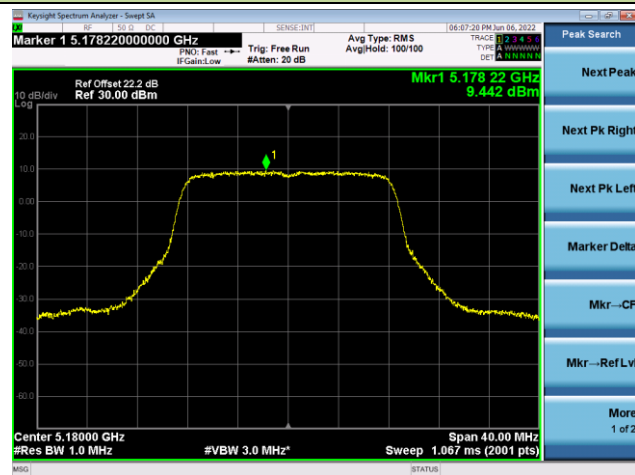
Test Mode	Data Rate/ MCS	Ch. No.	Freq. (MHz)	AVPSD (dBm/510kHz)		Duty Cycle (%)	Total PSD (dBm/ 510kHz)	PSD Limit (dBm/ 500kHz)
				Ant 0	Ant 1			
For NII-3 Band								
11a	6Mbps	149	5745	6.451	6.998	95.27	9.954	≤ 28.09
11a	6Mbps	157	5785	6.194	6.608	95.27	9.627	≤ 28.09
11a	6Mbps	165	5825	6.190	7.095	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:

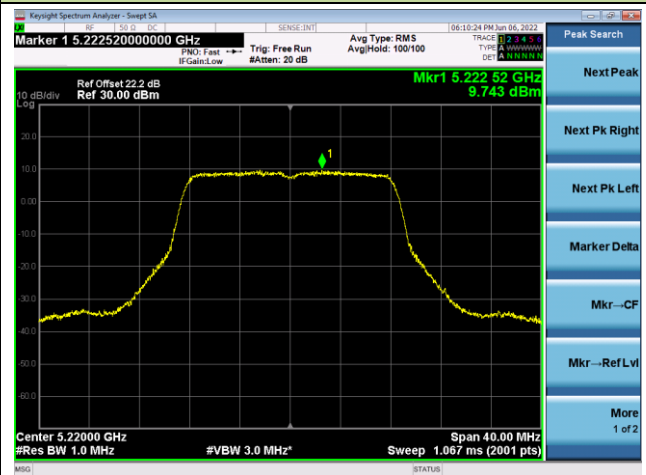
- The EUT duty cycle < 98%, the total PSD (dBm/510kHz) = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)}\} + 10 \cdot \log (1/\text{Duty cycle})$.
- PSD Limit (dBm/500kHz) = $30 - (7.91 - 6) = 28.09$ (dBm/500kHz).

802.11a Power Spectral Density - Ant 0

Channel 36 (5180MHz)



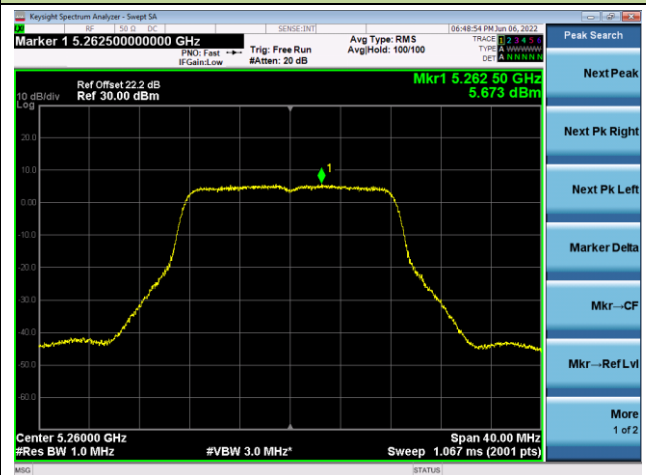
Channel 44 (5220MHz)



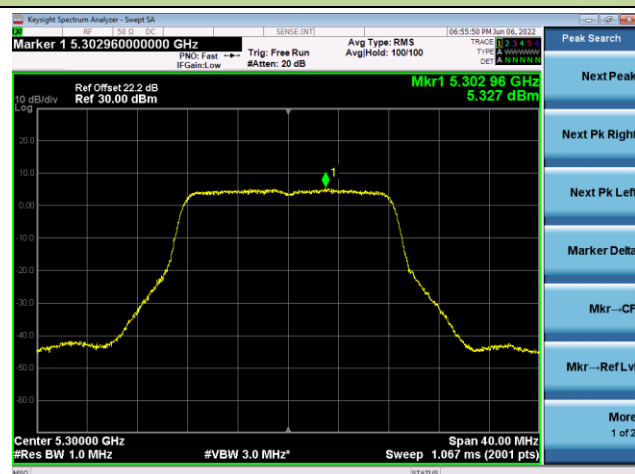
Channel 48 (5240MHz)



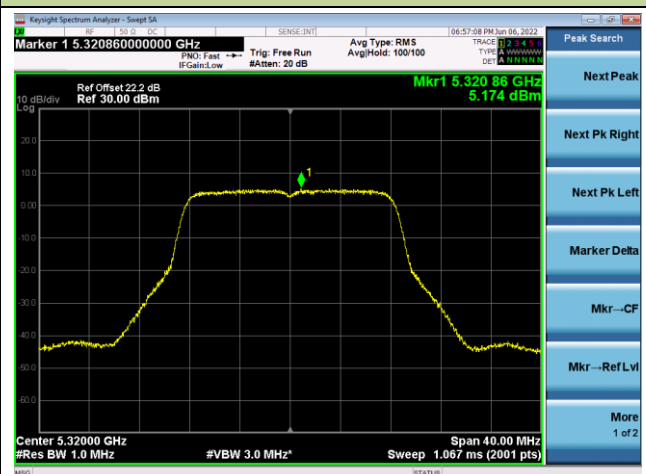
Channel 52(5260MHz)



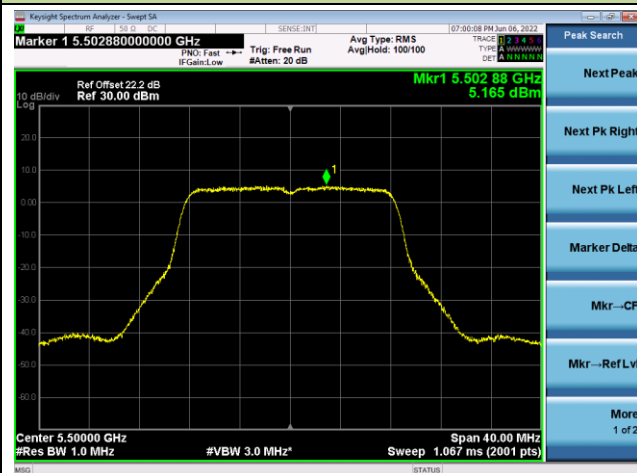
Channel 60 (5300MHz)



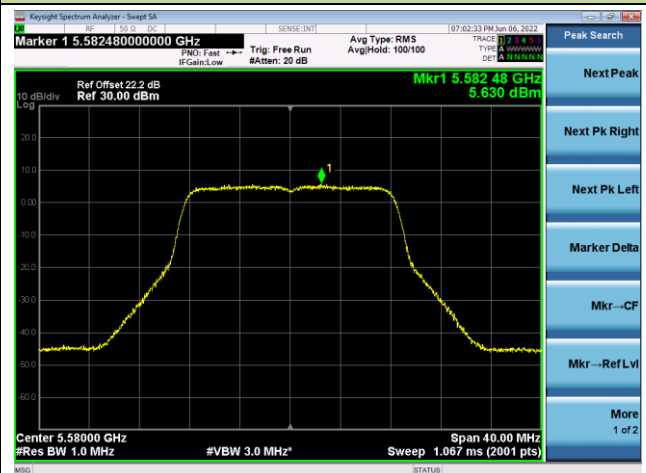
Channel 64 (5320MHz)



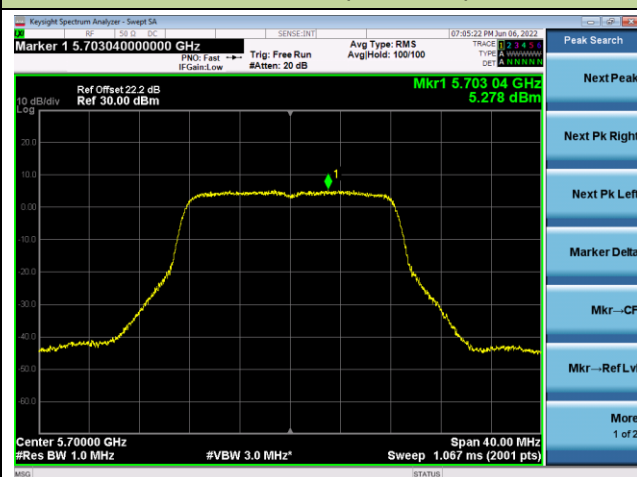
Channel 100 (5500MHz)



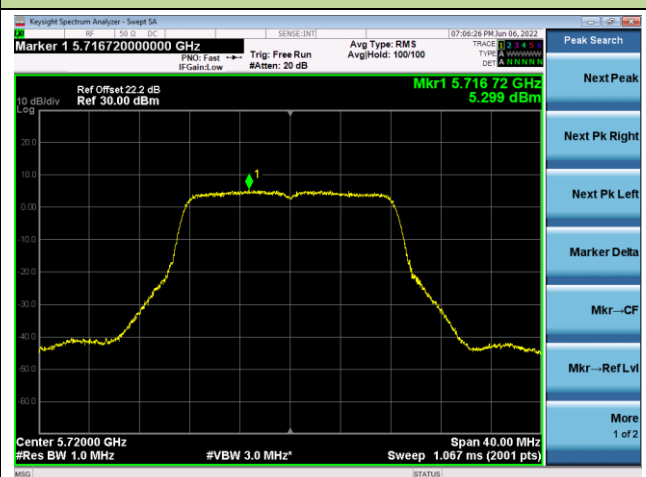
Channel 116 (5580MHz)



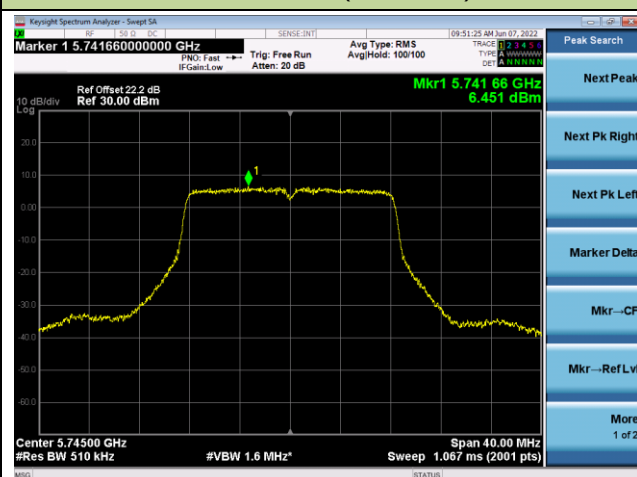
Channel 140 (5700MHz)



Channel 144 (5720MHz)



Channel 149 (5745MHz)



Channel 157 (5785MHz)

