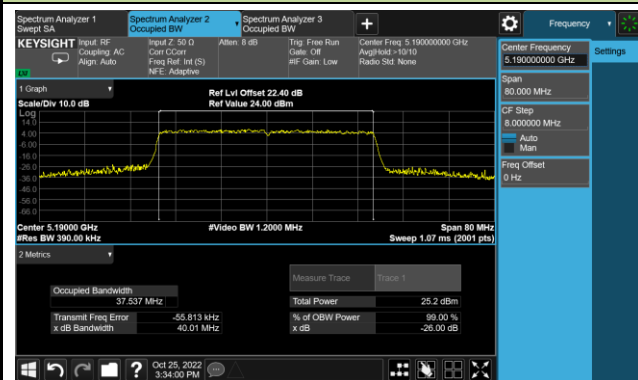
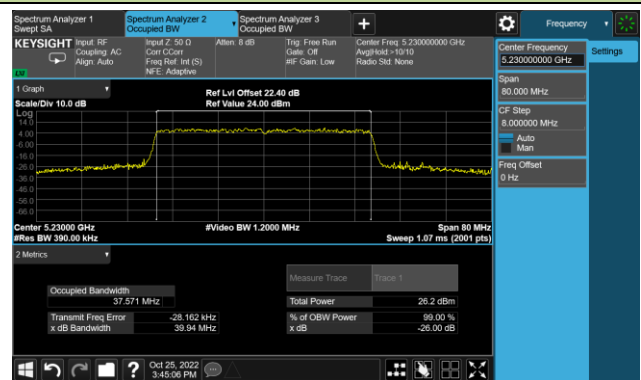


## 802.11ax-HE40 26dB Bandwidth

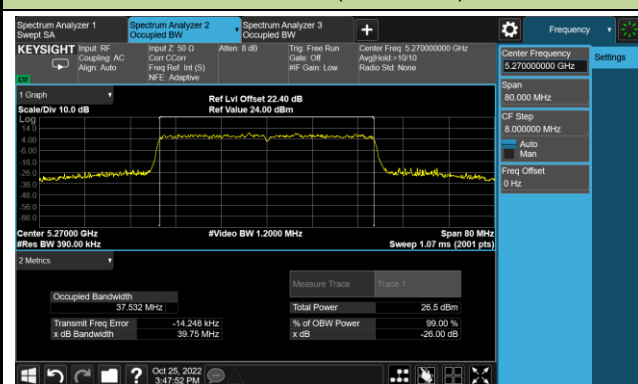
## Channel 38 (5190MHz)



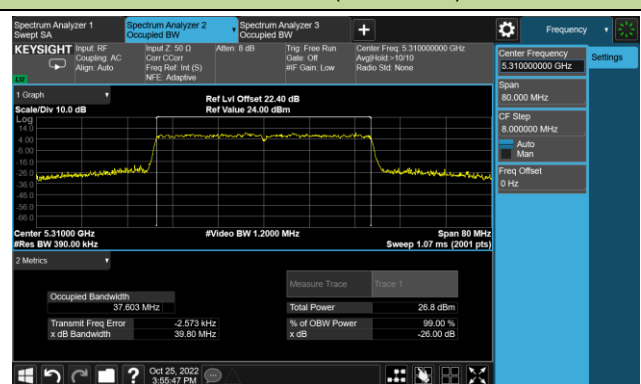
## Channel 46 (5230MHz)



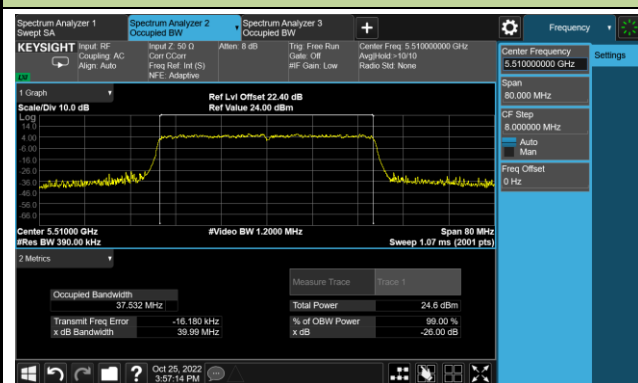
## Channel 54 (5270MHz)



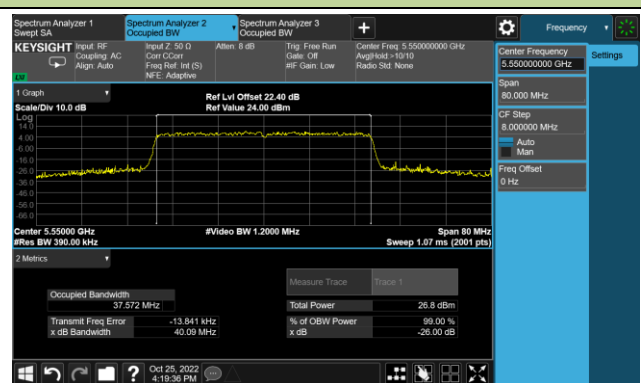
## Channel 62 (5310MHz)



## Channel 102 (5510MHz)

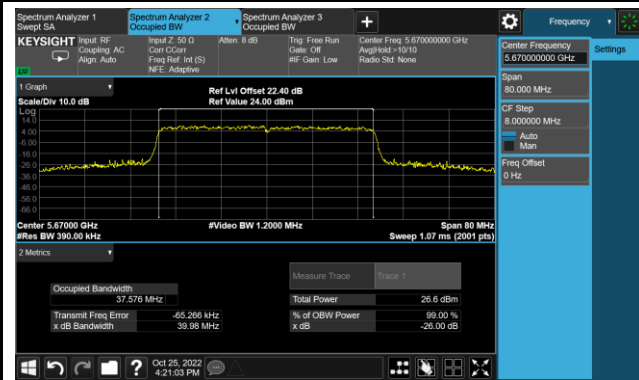


## Channel 110 (5550MHz)

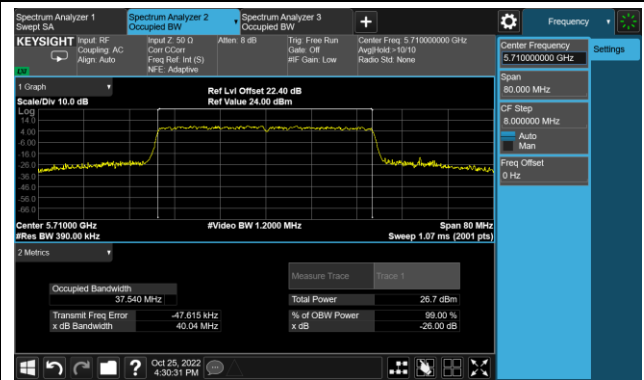


802.11ax-HE40 26dB Bandwidth

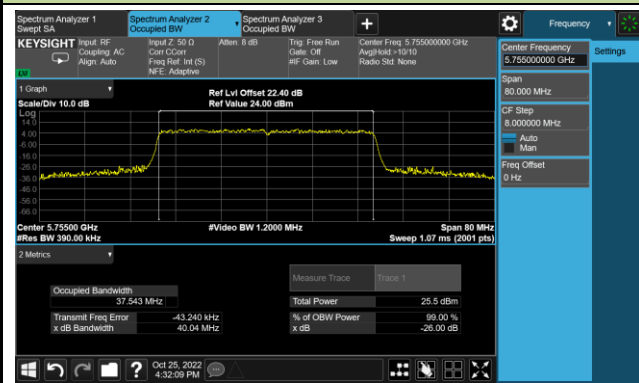
Channel 134 (5670MHz)



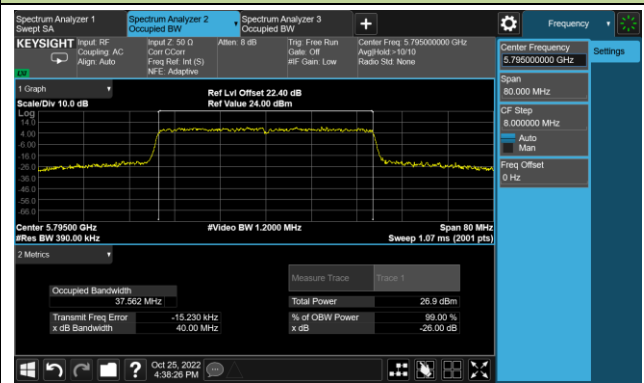
Channel 142(5710MHz)



Channel 151 (5755MHz)

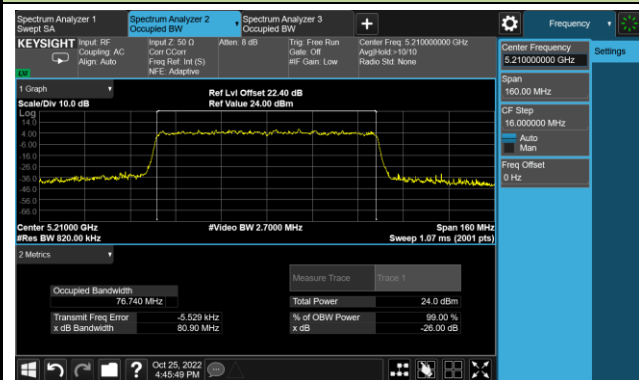


Channel 159 (5795MHz)

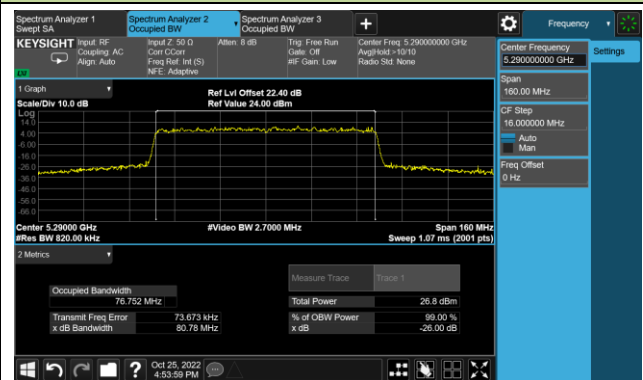


802.11ax-HE80 26dB Bandwidth

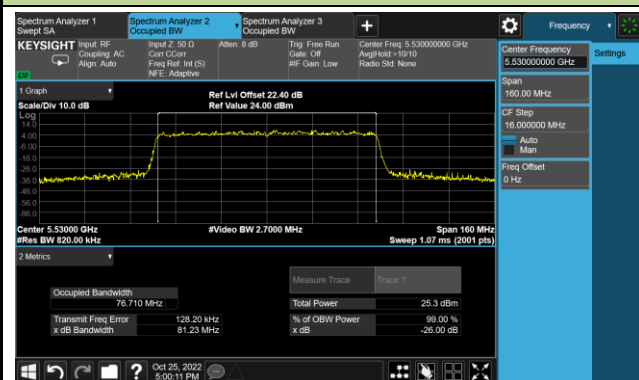
Channel 42 (5210MHz)



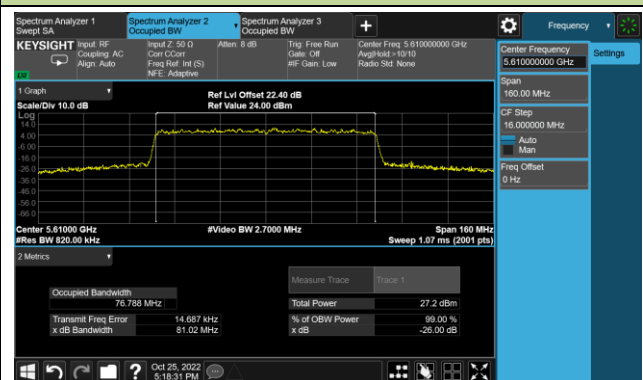
Channel 58 (5290MHz)



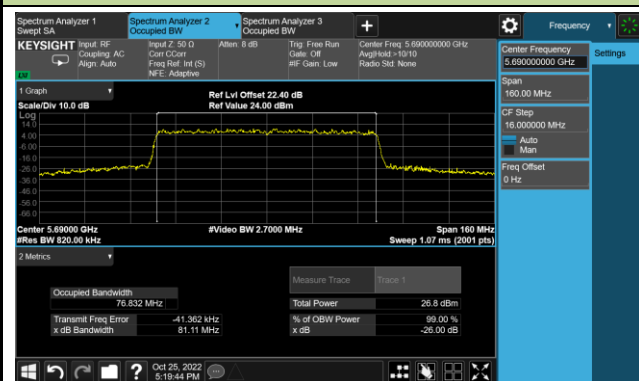
Channel 106 (5530MHz)



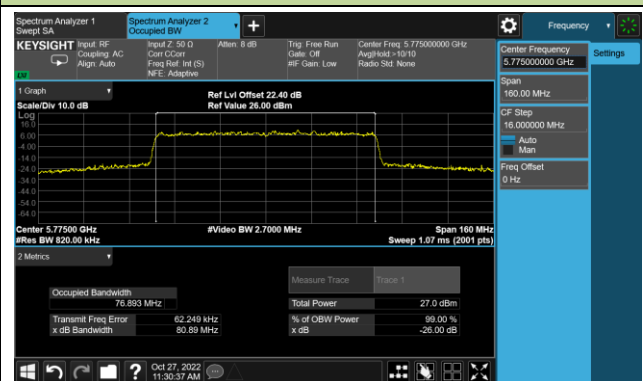
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



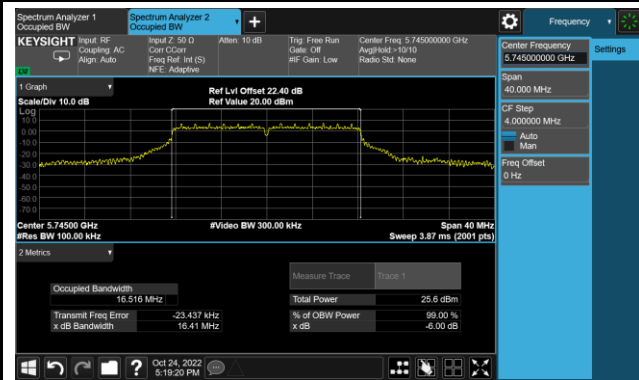
**A.3 6dB Bandwidth Test Result**

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2022-10-24~2022-10-27		

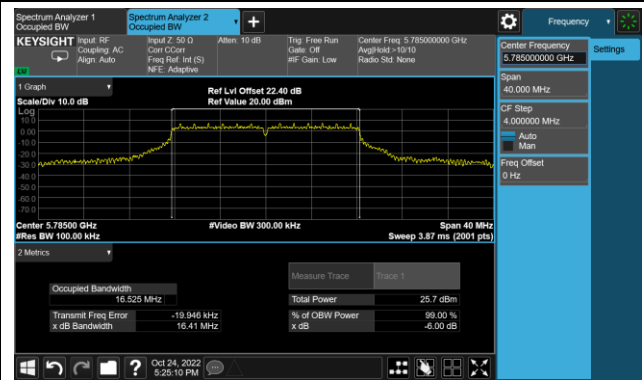
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11a	6Mbps	149	5745	16.41	≥0.5
11a	6Mbps	157	5785	16.41	≥0.5
11a	6Mbps	165	5825	16.41	≥0.5
11ac-VHT20	MCS0	149	5745	17.65	≥0.5
11ac-VHT20	MCS0	157	5785	17.65	≥0.5
11ac-VHT20	MCS0	165	5825	17.61	≥0.5
11ac-VHT40	MCS0	151	5755	36.37	≥0.5
11ac-VHT40	MCS0	159	5795	36.38	≥0.5
11ac-VHT80	MCS0	155	5775	76.30	≥0.5
11ax-HE20	MCS0	149	5745	18.98	≥0.5
11ax-HE20	MCS0	157	5785	18.98	≥0.5
11ax-HE20	MCS0	165	5825	18.95	≥0.5
11ax-HE40	MCS0	151	5755	37.65	≥0.5
11ax-HE40	MCS0	159	5795	37.64	≥0.5
11ax-HE80	MCS0	155	5775	77.37	≥0.5

802.11a 6dB Bandwidth

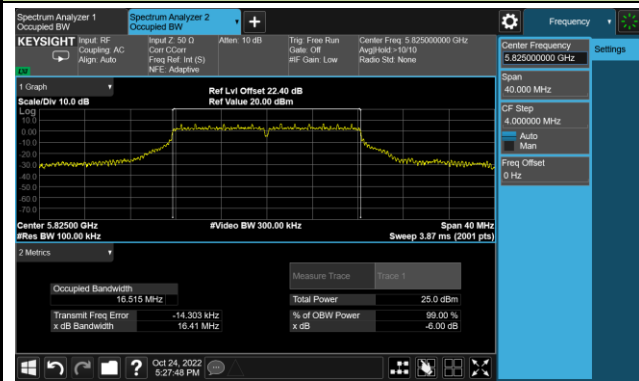
Channel 149 (5745MHz)



Channel 157 (5785MHz)

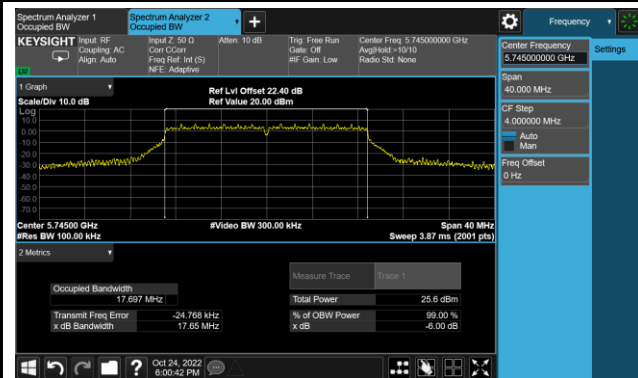


Channel 165 (5825MHz)

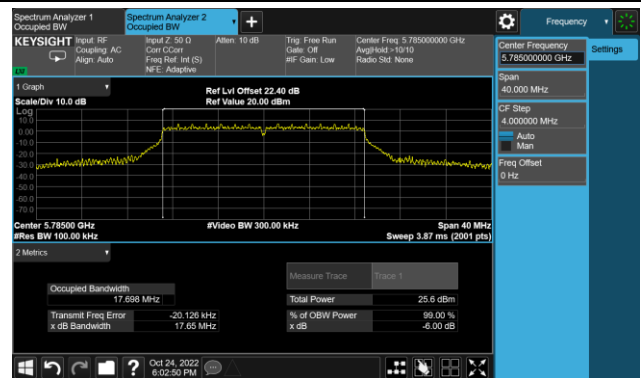


## 802.11ac-VHT20 6dB Bandwidth

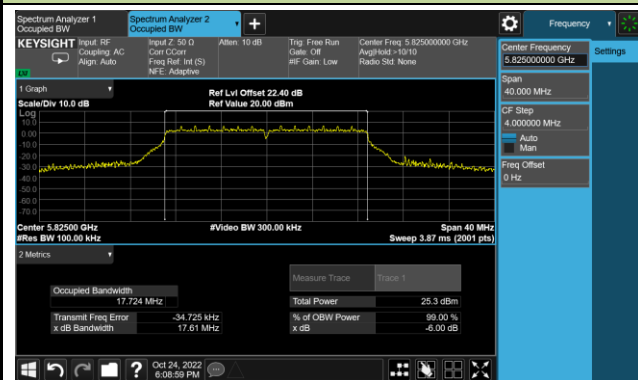
## Channel 149 (5745MHz)



## Channel 157 (5785MHz)

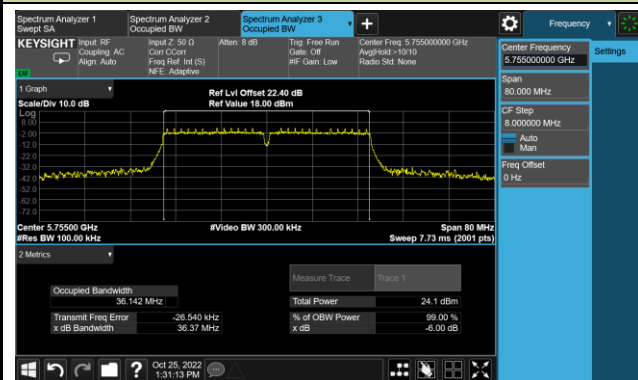


## Channel 165 (5825MHz)

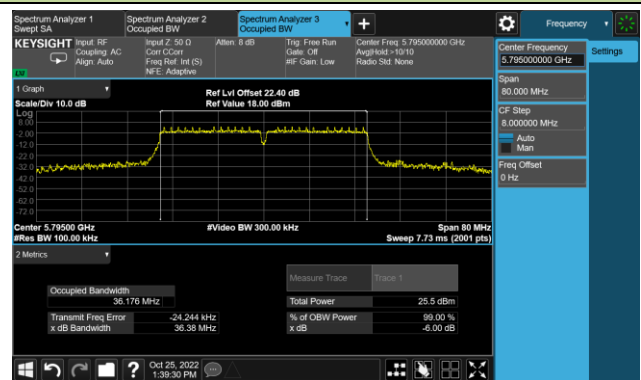


## 802.11ac-VHT40 6dB Bandwidth

## Channel 151 (5755MHz)

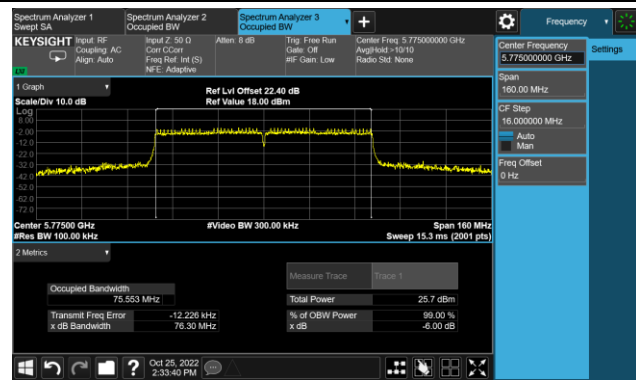


## Channel 159 (5795MHz)



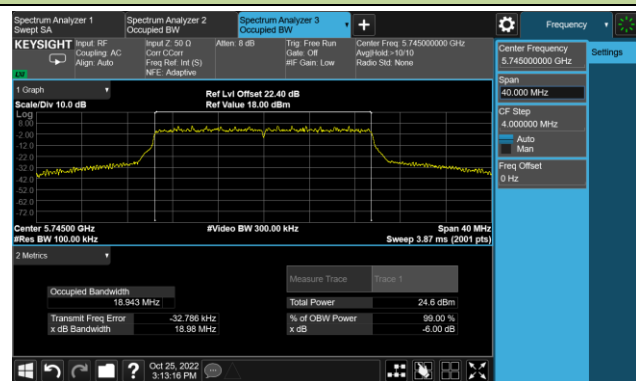
802.11ac-VHT80 6dB Bandwidth

Channel 155 (5775MHz)

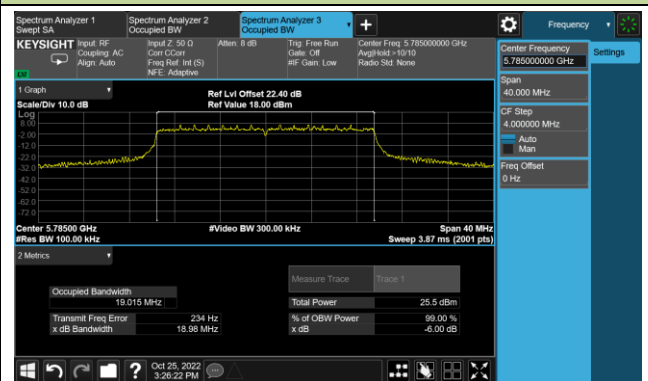


802.11ax-HE20 6dB Bandwidth

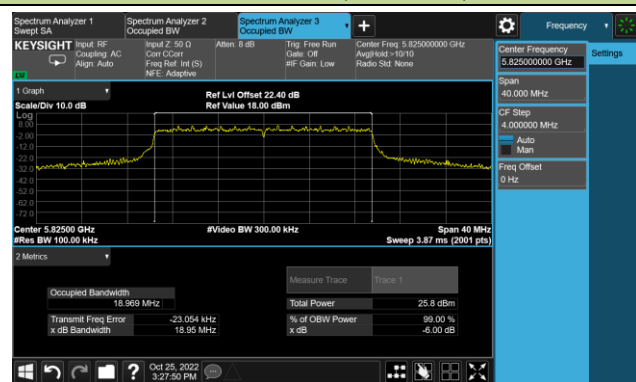
Channel 149 (5745MHz)



Channel 157 (5785MHz)

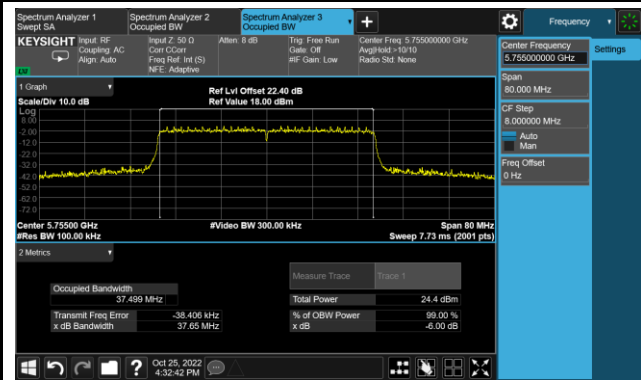


Channel 165 (5825MHz)

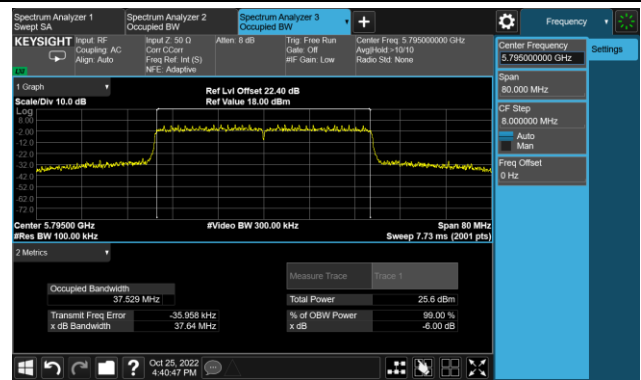


802.11ax-HE40 6dB Bandwidth

Channel 151 (5755MHz)

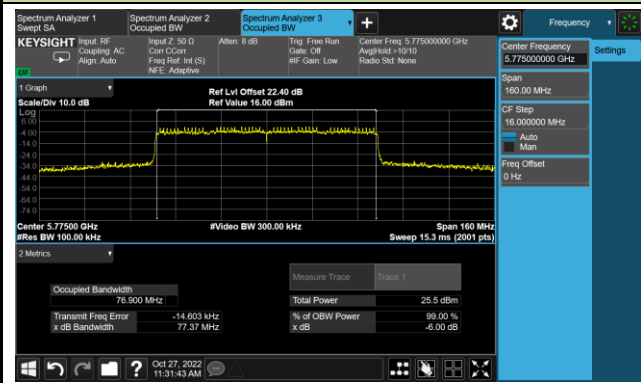


Channel 159 (5795MHz)



802.11ax-HE80 6dB Bandwidth

Channel 155 (5775MHz)





**A.4 Output Power Test Result**

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2022-10-24~2022-12-01	Filter Configuration	Filter 4#

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
				Ant 0	Ant 1		
11a	6Mbps	36	5180	18.02	17.76	20.90	≤ 30.00
11a	6Mbps	44	5220	18.04	17.60	20.84	≤ 30.00
11a	6Mbps	48	5240	18.04	17.71	20.89	≤ 30.00
11a	6Mbps	52	5260	17.53	18.02	20.79	≤ 23.98
11a	6Mbps	60	5300	17.55	18.14	20.87	≤ 23.98
11a	6Mbps	64	5320	17.42	18.16	20.82	≤ 23.98
11a	6Mbps	100	5500	18.03	17.87	20.96	≤ 23.98
11a	6Mbps	116	5580	18.23	17.67	20.97	≤ 23.98
11a	6Mbps	140	5700	16.65	16.46	19.57	≤ 23.98
11a	6Mbps	144	5720	18.06	17.71	20.90	≤ 22.95
11a	6Mbps	149	5745	17.34	18.07	20.73	≤ 30.00
11a	6Mbps	157	5785	17.11	18.40	20.81	≤ 30.00
11a	6Mbps	165	5825	18.19	18.10	21.16	≤ 30.00
11ac-VHT20	MCS0	36	5180	18.00	17.72	20.87	≤ 30.00
11ac-VHT20	MCS0	44	5220	18.01	17.92	20.98	≤ 30.00
11ac-VHT20	MCS0	48	5240	18.09	17.91	21.01	≤ 30.00
11ac-VHT20	MCS0	52	5260	17.35	18.02	20.71	≤ 23.98
11ac-VHT20	MCS0	60	5300	17.41	18.30	20.89	≤ 23.98
11ac-VHT20	MCS0	64	5320	17.38	18.32	20.89	≤ 23.98
11ac-VHT20	MCS0	100	5500	17.78	17.52	20.66	≤ 23.98
11ac-VHT20	MCS0	116	5580	18.05	17.41	20.75	≤ 23.98
11ac-VHT20	MCS0	140	5700	17.36	17.11	20.25	≤ 23.98
11ac-VHT20	MCS0	144	5720	18.06	17.79	20.94	≤ 23.00
11ac-VHT20	MCS0	149	5745	17.02	18.29	20.71	≤ 30.00
11ac-VHT20	MCS0	157	5785	16.80	18.40	20.68	≤ 30.00
11ac-VHT20	MCS0	165	5825	18.22	18.14	21.19	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
				Ant 0	Ant 1		
11ac-VHT40	MCS0	38	5190	16.73	16.56	19.66	≤ 30.00
11ac-VHT40	MCS0	46	5230	18.04	17.82	20.94	≤ 30.00
11ac-VHT40	MCS0	54	5270	17.59	18.10	20.86	≤ 23.98
11ac-VHT40	MCS0	62	5310	17.34	18.15	20.77	≤ 23.98
11ac-VHT40	MCS0	102	5510	16.17	15.54	18.88	≤ 23.98
11ac-VHT40	MCS0	110	5550	18.24	17.53	20.91	≤ 23.98
11ac-VHT40	MCS0	134	5670	18.18	17.97	21.09	≤ 23.98
11ac-VHT40	MCS0	142	5710	18.05	17.76	20.92	≤ 23.98
11ac-VHT40	MCS0	151	5755	16.98	16.72	19.86	≤ 30.00
11ac-VHT40	MCS0	159	5795	18.15	17.94	21.06	≤ 30.00
11ac-VHT80	MCS0	42	5210	15.05	15.14	18.11	≤ 30.00
11ac-VHT80	MCS0	58	5290	17.48	17.71	20.61	≤ 23.98
11ac-VHT80	MCS0	106	5530	16.26	15.87	19.08	≤ 23.98
11ac-VHT80	MCS0	122	5610	18.35	17.70	21.05	≤ 23.98
11ac-VHT80	MCS0	138	5690	18.06	17.71	20.90	≤ 23.98
11ac-VHT80	MCS0	155	5775	18.03	18.13	21.09	≤ 30.00
11ax-HE20	MCS0	36	5180	18.26	17.92	21.10	≤ 30.00
11ax-HE20	MCS0	44	5220	18.03	17.93	20.99	≤ 30.00
11ax-HE20	MCS0	48	5240	18.02	17.96	21.00	≤ 30.00
11ax-HE20	MCS0	52	5260	17.76	18.26	21.03	≤ 23.98
11ax-HE20	MCS0	60	5300	17.50	18.30	20.93	≤ 23.98
11ax-HE20	MCS0	64	5320	17.37	18.38	20.91	≤ 23.98
11ax-HE20	MCS0	100	5500	18.11	17.85	20.99	≤ 23.98
11ax-HE20	MCS0	116	5580	18.13	17.49	20.83	≤ 23.98
11ax-HE20	MCS0	140	5700	16.62	16.19	19.42	≤ 23.98
11ax-HE20	MCS0	144	5720	18.25	17.91	21.09	≤ 22.99
11ax-HE20	MCS0	149	5745	17.12	18.42	20.83	≤ 30.00
11ax-HE20	MCS0	157	5785	16.98	18.44	20.78	≤ 30.00
11ax-HE20	MCS0	165	5825	18.35	18.20	21.29	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
				Ant 0	Ant 1		
11ax-HE40	MCS0	38	5190	16.82	16.54	19.69	≤ 30.00
11ax-HE40	MCS0	46	5230	18.26	18.04	21.16	≤ 30.00
11ax-HE40	MCS0	54	5270	17.88	18.26	21.08	≤ 23.98
11ax-HE40	MCS0	62	5310	17.57	18.32	20.97	≤ 23.98
11ax-HE40	MCS0	102	5510	16.29	15.68	19.01	≤ 23.98
11ax-HE40	MCS0	110	5550	18.35	17.74	21.07	≤ 23.98
11ax-HE40	MCS0	134	5670	18.46	18.11	21.30	≤ 23.98
11ax-HE40	MCS0	142	5710	18.17	17.91	21.05	≤ 23.98
11ax-HE40	MCS0	151	5755	17.20	16.96	20.09	≤ 30.00
11ax-HE40	MCS0	159	5795	18.33	18.11	21.23	≤ 30.00
11ax-HE80	MCS0	42	5210	15.10	15.40	18.26	≤ 30.00
11ax-HE80	MCS0	58	5290	17.62	17.87	20.76	≤ 23.98
11ax-HE80	MCS0	106	5530	16.47	16.12	19.31	≤ 23.98
11ax-HE80	MCS0	122	5610	18.42	17.92	21.19	≤ 23.98
11ax-HE80	MCS0	138	5690	18.35	17.87	21.13	≤ 23.98
11ax-HE80	MCS0	155	5775	17.86	18.01	20.95	≤ 30.00

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

Note 2: For 5720MHz, Average Power Limit =  $11 + 10 \cdot \log(5 + 26 \text{dBc} / 2)$ .

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2022-12-06 ~2023-05-09	Filter Configuration	Filter 5#

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
				Ant 0	Ant 1		
11a	6Mbps	36	5180	17.95	17.64	20.81	≤ 30.00
11a	6Mbps	44	5220	17.85	17.60	20.74	≤ 30.00
11a	6Mbps	48	5240	17.73	17.65	20.70	≤ 30.00
11a	6Mbps	52	5260	17.42	17.75	20.60	≤ 23.98
11a	6Mbps	60	5300	17.30	17.94	20.64	≤ 23.98
11a	6Mbps	64	5320	17.40	17.79	20.61	≤ 23.98
11a	6Mbps	100	5500	17.75	17.43	20.60	≤ 23.98
11a	6Mbps	116	5580	18.08	17.35	20.74	≤ 23.98
11a	6Mbps	140	5700	16.29	16.38	19.35	≤ 23.98
11a	6Mbps	144	5720	17.85	17.69	20.78	≤ 22.95
11a	6Mbps	149	5745	17.28	17.92	20.62	≤ 30.00
11a	6Mbps	157	5785	16.72	18.03	20.43	≤ 30.00
11a	6Mbps	165	5825	18.08	17.72	20.91	≤ 30.00
11ac-VHT20	MCS0	36	5180	17.92	17.54	20.74	≤ 30.00
11ac-VHT20	MCS0	44	5220	17.94	17.72	20.84	≤ 30.00
11ac-VHT20	MCS0	48	5240	17.90	17.68	20.80	≤ 30.00
11ac-VHT20	MCS0	52	5260	17.32	17.86	20.61	≤ 23.98
11ac-VHT20	MCS0	60	5300	17.28	17.95	20.64	≤ 23.98
11ac-VHT20	MCS0	64	5320	17.33	17.88	20.62	≤ 23.98
11ac-VHT20	MCS0	100	5500	17.61	17.32	20.48	≤ 23.98
11ac-VHT20	MCS0	116	5580	17.73	17.28	20.52	≤ 23.98
11ac-VHT20	MCS0	140	5700	17.20	17.03	20.13	≤ 23.98
11ac-VHT20	MCS0	144	5720	17.70	17.60	20.66	≤ 23.00
11ac-VHT20	MCS0	149	5745	16.65	18.23	20.52	≤ 30.00
11ac-VHT20	MCS0	157	5785	16.73	18.10	20.48	≤ 30.00
11ac-VHT20	MCS0	165	5825	18.14	17.77	20.97	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
				Ant 0	Ant 1		
11ac-VHT40	MCS0	38	5190	16.67	16.28	19.49	≤ 30.00
11ac-VHT40	MCS0	46	5230	17.78	17.51	20.66	≤ 30.00
11ac-VHT40	MCS0	54	5270	17.42	18.02	20.74	≤ 23.98
11ac-VHT40	MCS0	62	5310	17.48	17.96	20.74	≤ 23.98
11ac-VHT40	MCS0	102	5510	15.97	15.30	18.66	≤ 23.98
11ac-VHT40	MCS0	110	5550	17.84	17.29	20.58	≤ 23.98
11ac-VHT40	MCS0	134	5670	17.97	17.77	20.88	≤ 23.98
11ac-VHT40	MCS0	142	5710	17.82	17.64	20.74	≤ 23.98
11ac-VHT40	MCS0	151	5755	16.84	16.70	19.78	≤ 30.00
11ac-VHT40	MCS0	159	5795	17.51	17.57	20.55	≤ 30.00
11ac-VHT80	MCS0	42	5210	14.88	14.97	17.94	≤ 30.00
11ac-VHT80	MCS0	58	5290	17.34	17.67	20.52	≤ 23.98
11ac-VHT80	MCS0	106	5530	16.03	15.73	18.89	≤ 23.98
11ac-VHT80	MCS0	122	5610	18.07	17.68	20.89	≤ 23.98
11ac-VHT80	MCS0	138	5690	17.91	17.70	20.82	≤ 23.98
11ac-VHT80	MCS0	155	5775	17.76	17.98	20.88	≤ 30.00
11ax-HE20	MCS0	36	5180	18.02	17.96	21.00	≤ 30.00
11ax-HE20	MCS0	44	5220	17.90	17.63	20.78	≤ 30.00
11ax-HE20	MCS0	48	5240	17.82	17.66	20.75	≤ 30.00
11ax-HE20	MCS0	52	5260	17.35	17.95	20.67	≤ 23.98
11ax-HE20	MCS0	60	5300	17.37	18.11	20.77	≤ 23.98
11ax-HE20	MCS0	64	5320	17.46	18.12	20.81	≤ 23.98
11ax-HE20	MCS0	100	5500	17.94	17.53	20.75	≤ 23.98
11ax-HE20	MCS0	116	5580	17.99	17.22	20.63	≤ 23.98
11ax-HE20	MCS0	140	5700	16.43	16.06	19.26	≤ 23.98
11ax-HE20	MCS0	144	5720	18.06	17.69	20.89	≤ 22.99
11ax-HE20	MCS0	149	5745	16.87	18.18	20.58	≤ 30.00
11ax-HE20	MCS0	157	5785	16.65	18.34	20.59	≤ 30.00
11ax-HE20	MCS0	165	5825	18.12	17.82	20.98	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Average Power Limit (dBm)
				Ant 0	Ant 1		
11ax-HE40	MCS0	38	5190	16.61	16.38	19.51	≤ 30.00
11ax-HE40	MCS0	46	5230	18.13	17.88	21.02	≤ 30.00
11ax-HE40	MCS0	54	5270	17.54	18.19	20.89	≤ 23.98
11ax-HE40	MCS0	62	5310	17.50	18.17	20.86	≤ 23.98
11ax-HE40	MCS0	102	5510	15.99	15.68	18.85	≤ 23.98
11ax-HE40	MCS0	110	5550	18.07	17.64	20.87	≤ 23.98
11ax-HE40	MCS0	134	5670	18.32	18.10	21.22	≤ 23.98
11ax-HE40	MCS0	142	5710	18.03	17.83	20.94	≤ 23.98
11ax-HE40	MCS0	151	5755	17.00	16.36	19.70	≤ 30.00
11ax-HE40	MCS0	159	5795	17.73	17.88	20.82	≤ 30.00
11ax-HE80	MCS0	42	5210	15.08	15.30	18.20	≤ 30.00
11ax-HE80	MCS0	58	5290	17.34	17.72	20.54	≤ 23.98
11ax-HE80	MCS0	106	5530	16.16	16.04	19.11	≤ 23.98
11ax-HE80	MCS0	122	5610	18.38	17.79	21.11	≤ 23.98
11ax-HE80	MCS0	138	5690	18.23	17.76	21.01	≤ 23.98
11ax-HE80	MCS0	155	5775	17.68	17.78	20.74	≤ 30.00

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

Note 2: For 5720MHz, Average Power Limit =  $11 + 10 \cdot \log(5 + 26 \text{dBc} / 2)$ .

**A.5 Power Spectral Density Test Result**

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2022-10-24~2022-10-25		
Test Item	Power Spectral Density (UNII-Band 1 & UNII-2a & UNII-2c)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)		Duty Cycle (%)	Total PSD (dBm/ MHz)	Limit (dBm/MHz)
				Ant 0	Ant 1			
11a	6Mbps	36	5180	6.066	5.612	94.12	9.118	15.40
11a	6Mbps	44	5220	5.497	5.292	94.12	8.669	15.40
11a	6Mbps	48	5240	5.529	5.447	94.12	8.762	15.40
11a	6Mbps	52	5260	5.185	5.639	94.12	8.691	9.40
11a	6Mbps	60	5300	5.416	6.045	94.12	9.015	9.40
11a	6Mbps	64	5320	5.421	6.212	94.12	9.108	9.40
11a	6Mbps	100	5500	5.736	5.568	94.12	8.926	9.40
11a	6Mbps	116	5580	5.990	5.328	94.12	8.945	9.40
11a	6Mbps	140	5700	4.470	3.995	94.12	7.512	9.40
11a	6Mbps	144	5720	5.999	5.643	94.12	9.098	9.40
11ac-VHT20	MCS0	36	5180	5.530	5.419	97.69	8.587	15.40
11ac-VHT20	MCS0	44	5220	5.185	5.133	97.69	8.271	15.40
11ac-VHT20	MCS0	48	5240	5.428	5.370	97.69	8.511	15.40
11ac-VHT20	MCS0	52	5260	4.879	5.280	97.69	8.196	9.40
11ac-VHT20	MCS0	60	5300	5.089	5.854	97.69	8.600	9.40
11ac-VHT20	MCS0	64	5320	4.997	6.025	97.69	8.653	9.40
11ac-VHT20	MCS0	100	5500	5.627	5.366	97.69	8.610	9.40
11ac-VHT20	MCS0	116	5580	5.742	5.270	97.69	8.624	9.40
11ac-VHT20	MCS0	140	5700	5.225	4.860	97.69	8.158	9.40
11ac-VHT20	MCS0	144	5720	5.769	5.560	97.69	8.778	9.40
11ac-VHT40	MCS0	38	5190	1.602	1.270	96.40	4.609	15.40
11ac-VHT40	MCS0	46	5230	2.548	2.458	96.40	5.673	15.40
11ac-VHT40	MCS0	54	5270	2.479	2.956	96.40	5.894	9.40
11ac-VHT40	MCS0	62	5310	2.325	3.159	96.40	5.932	9.40
11ac-VHT40	MCS0	102	5510	1.088	0.491	96.40	3.969	9.40
11ac-VHT40	MCS0	110	5550	3.143	2.456	96.40	5.983	9.40
11ac-VHT40	MCS0	134	5670	3.009	2.920	96.40	6.134	9.40
11ac-VHT40	MCS0	142	5710	2.934	2.770	96.40	6.022	9.40

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)		Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 0	Ant 1			
11ac-VHT80	MCS0	42	5210	-2.928	-2.878	93.10	0.418	15.40
11ac-VHT80	MCS0	58	5290	-0.206	-0.020	93.10	3.209	9.40
11ac-VHT80	MCS0	106	5530	-1.374	-2.074	93.10	1.611	9.40
11ac-VHT80	MCS0	122	5610	0.597	0.138	93.10	3.694	9.40
11ac-VHT80	MCS0	138	5690	0.272	-0.149	93.10	3.387	9.40
11ax-HE20	MCS0	36	5180	5.609	5.289	97.04	8.593	15.40
11ax-HE20	MCS0	44	5220	5.163	5.136	97.04	8.290	15.40
11ax-HE20	MCS0	48	5240	5.352	5.265	97.04	8.450	15.40
11ax-HE20	MCS0	52	5260	5.144	5.754	97.04	8.600	9.40
11ax-HE20	MCS0	60	5300	5.069	5.882	97.04	8.635	9.40
11ax-HE20	MCS0	64	5320	5.125	6.062	97.04	8.760	9.40
11ax-HE20	MCS0	100	5500	5.627	5.393	97.04	8.652	9.40
11ax-HE20	MCS0	116	5580	5.592	5.084	97.04	8.486	9.40
11ax-HE20	MCS0	140	5700	4.232	3.839	97.04	7.181	9.40
11ax-HE20	MCS0	144	5720	6.013	5.665	97.04	8.983	9.40
11ax-HE40	MCS0	38	5190	1.349	1.012	95.63	4.388	15.40
11ax-HE40	MCS0	46	5230	2.466	2.421	95.63	5.648	15.40
11ax-HE40	MCS0	54	5270	2.593	2.926	95.63	5.967	9.40
11ax-HE40	MCS0	62	5310	2.251	2.922	95.63	5.804	9.40
11ax-HE40	MCS0	102	5510	1.153	0.487	95.63	4.037	9.40
11ax-HE40	MCS0	110	5550	3.100	2.391	95.63	5.964	9.40
11ax-HE40	MCS0	134	5670	3.117	2.768	95.63	6.150	9.40
11ax-HE40	MCS0	142	5710	2.853	2.540	95.63	5.904	9.40
11ax-HE80	MCS0	42	5210	-2.756	-2.624	92.45	0.662	15.40
11ax-HE80	MCS0	58	5290	0.082	0.167	92.45	3.476	9.40
11ax-HE80	MCS0	106	5530	-1.275	-1.702	92.45	1.868	9.40
11ax-HE80	MCS0	122	5610	0.816	0.559	92.45	4.041	9.40
11ax-HE80	MCS0	138	5690	0.246	-0.027	92.45	3.463	9.40

Note: When EUT duty cycle < 98%, the total PSD (dBm/MHz) =  $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)}\} + 10 \cdot \log (1/\text{Duty cycle})$ .

When EUT duty cycle  $\geq$  98%, the total PSD (dBm/MHz) =  $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)}\}$ .



Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2022-12-24 ~ 2022-12-25		
Test Item	Power Spectral Density (UNII-Band 3)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ 510KHz)		Duty Cycle (%)	Total PSD (dBm/ 510KHz)	PSD Limit (dBm/ 500KHz)
				Ant 0	Ant 1			
11a	6Mbps	149	5745	2.297	3.521	94.12	6.225	≤ 28.40
11a	6Mbps	157	5785	2.151	3.547	94.12	6.178	≤ 28.40
11a	6Mbps	165	5825	3.259	3.188	94.12	6.497	≤ 28.40
11ac-VHT20	MCS0	149	5745	2.006	3.151	97.69	5.728	≤ 28.40
11ac-VHT20	MCS0	157	5785	1.792	3.298	97.69	5.722	≤ 28.40
11ac-VHT20	MCS0	165	5825	3.180	3.035	97.69	6.220	≤ 28.40
11ac-VHT40	MCS0	151	5755	-0.856	-1.082	96.40	2.202	≤ 28.40
11ac-VHT40	MCS0	159	5795	0.325	0.297	96.40	3.481	≤ 28.40
11ac-VHT80	MCS0	155	5775	-2.683	-2.679	93.10	0.640	≤ 28.40
11ax-HE20	MCS0	149	5745	2.044	3.155	97.04	5.776	≤ 28.40
11ax-HE20	MCS0	157	5785	1.820	3.132	97.04	5.666	≤ 28.40
11ax-HE20	MCS0	165	5825	3.012	2.923	97.04	6.109	≤ 28.40
11ax-HE40	MCS0	151	5755	-0.862	-1.144	95.63	2.204	≤ 28.40
11ax-HE40	MCS0	159	5795	0.387	0.270	95.63	3.533	≤ 28.40
11ax-HE80	MCS0	155	5775	-2.318	-2.239	92.45	1.073	≤ 28.40

Note 1:

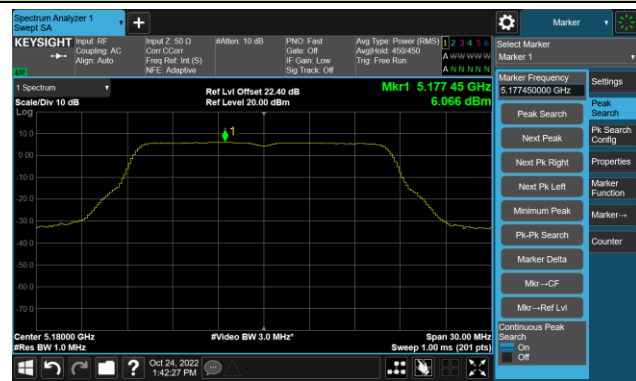
When EUT duty cycle < 98%, the total PSD (dBm/510kHz) =  $10 \cdot \log \{10^{(\text{Ant } 0 \text{ AVGPSD}/10)} + 10^{(\text{Ant } 1 \text{ AVGPSD}/10)}\} + 10 \cdot \log (1/\text{Duty cycle})$ .

When EUT duty cycle ≥ 98%, the total PSD (dBm/510kHz) =  $10 \cdot \log \{10^{(\text{Ant } 0 \text{ AVGPSD}/10)} + 10^{(\text{Ant } 1 \text{ AVGPSD}/10)}\}$ .

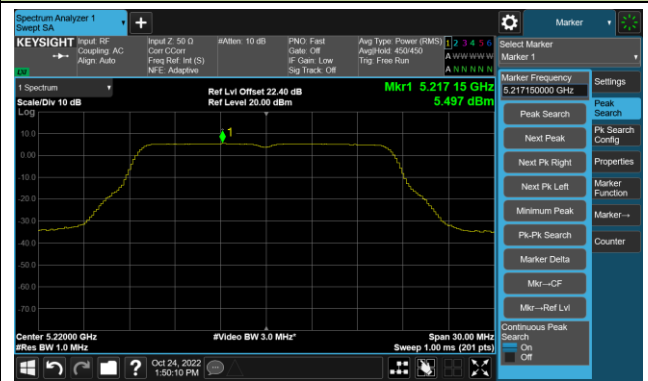
Note 2: PSD Limit (dBm/500KHz) = 30 - (7.60 - 6) = 28.40dBm/MHz.

802.11a Power Spectral Density- Ant 0

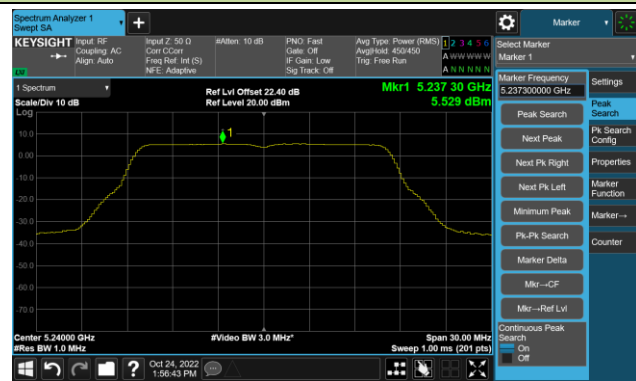
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



Channel 52 (5260MHz)

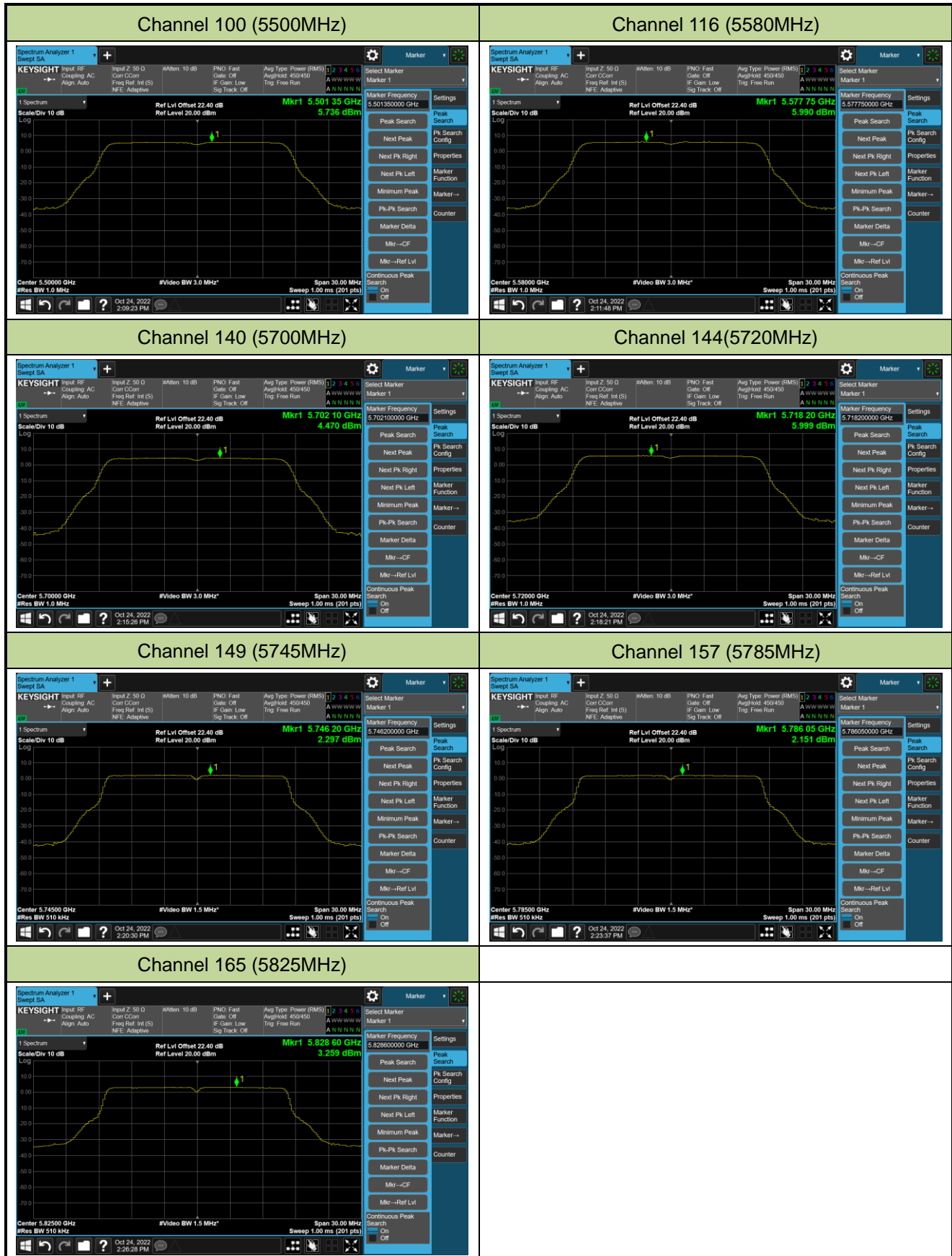


Channel 60 (5300MHz)



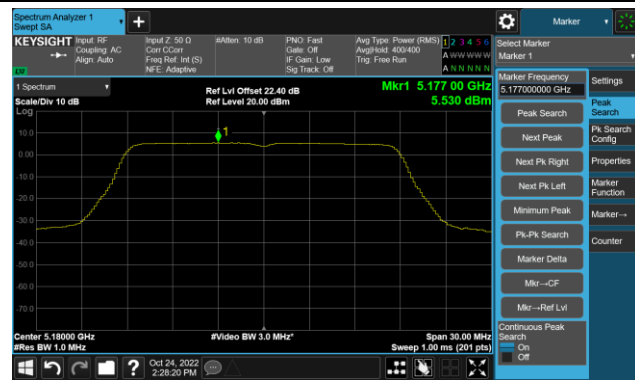
Channel 64 (5320MHz)



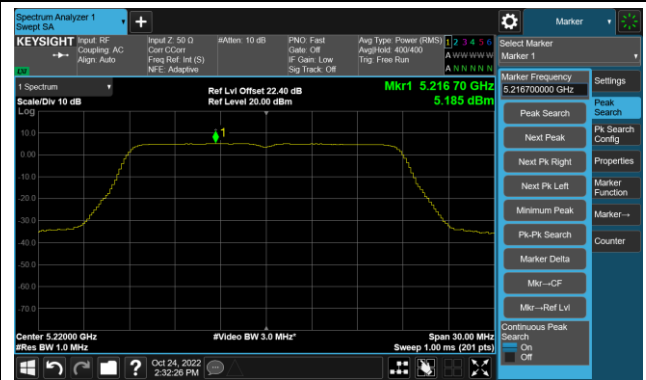


## 802.11ac-VHT20 Power Spectral Density- Ant 0

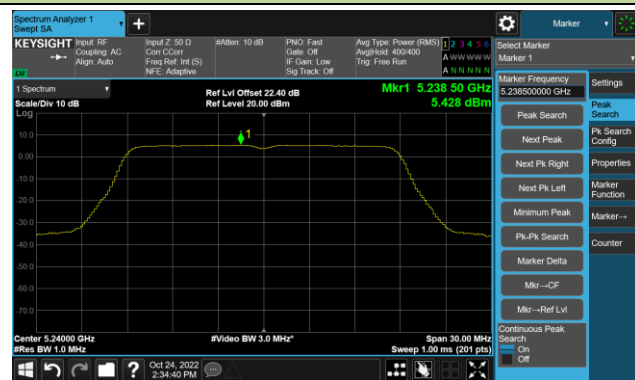
Channel 36 (5180MHz)



Channel 44 (5220MHz)



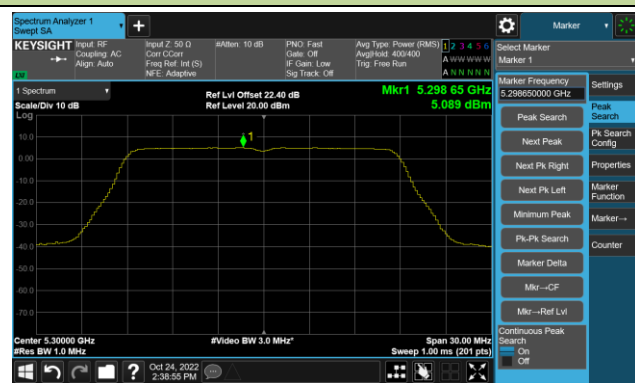
Channel 48 (5240MHz)



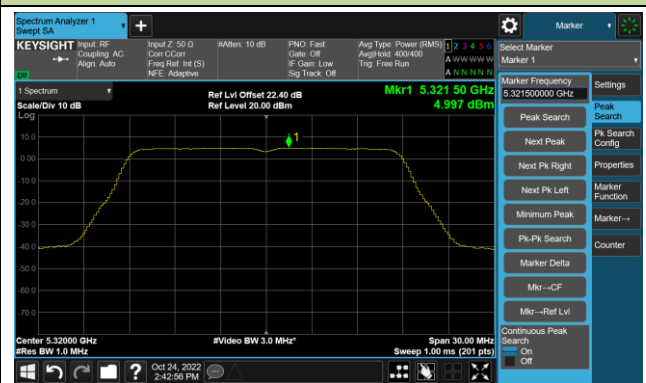
Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



## 802.11ac-VHT20 Power Spectral Density- Ant 0

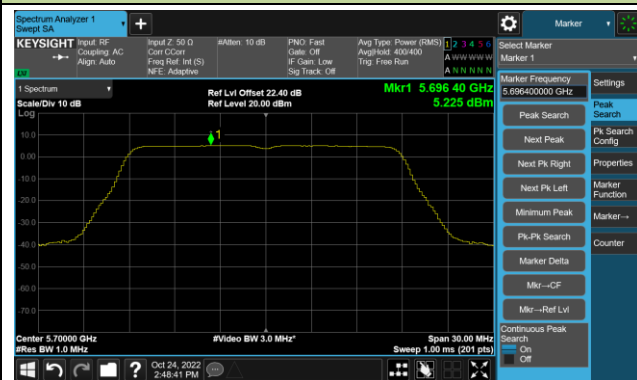
Channel 100 (5500MHz)



Channel 116 (5580MHz)



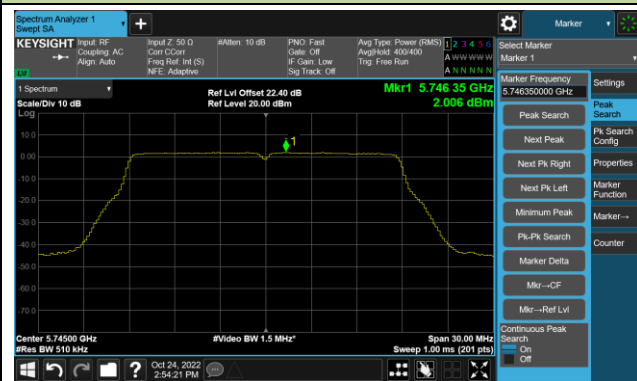
Channel 140 (5700MHz)



Channel 144(5720MHz)



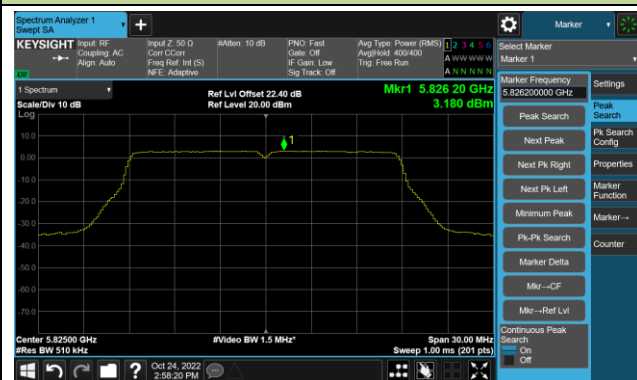
Channel 149 (5745MHz)



Channel 157 (5785MHz)

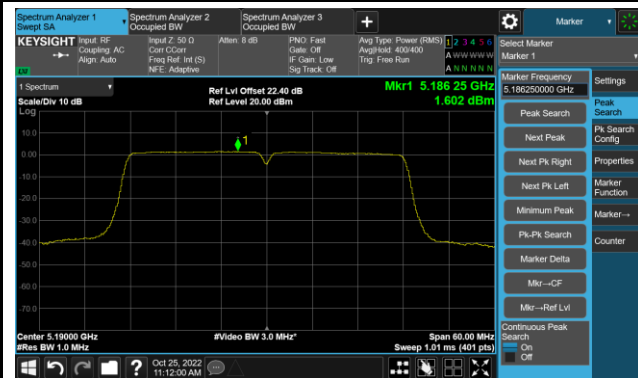


Channel 165 (5825MHz)

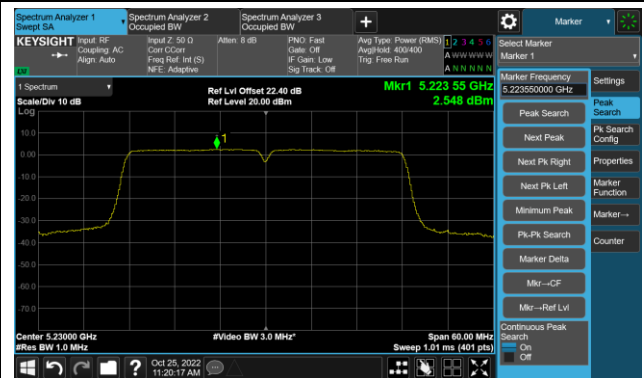


## 802.11ac-VHT40 Power Spectral Density- Ant 0

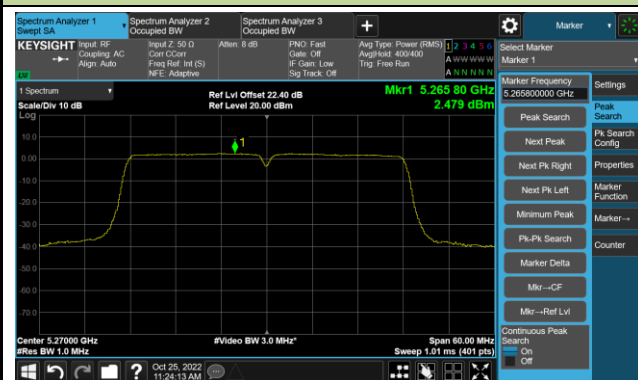
Channel 38 (5190MHz)



Channel 46 (5230MHz)



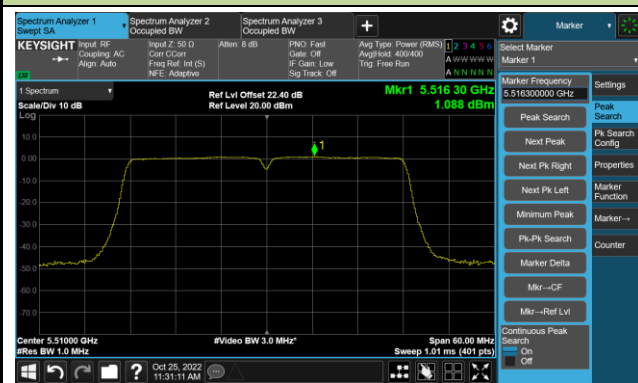
Channel 54 (5270MHz)



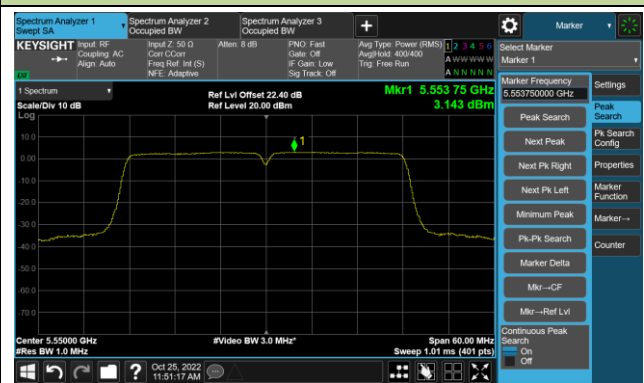
Channel 62 (5310MHz)



Channel 102 (5510MHz)

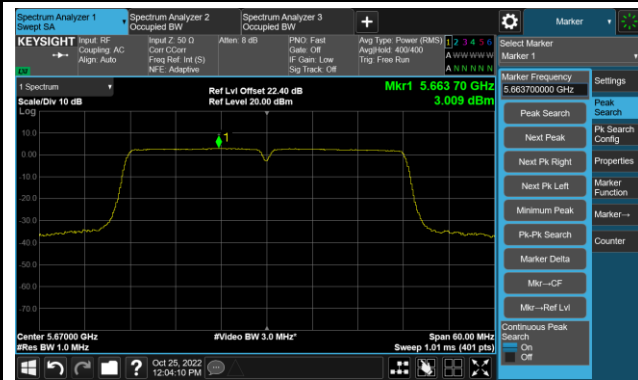


Channel 110 (5550MHz)

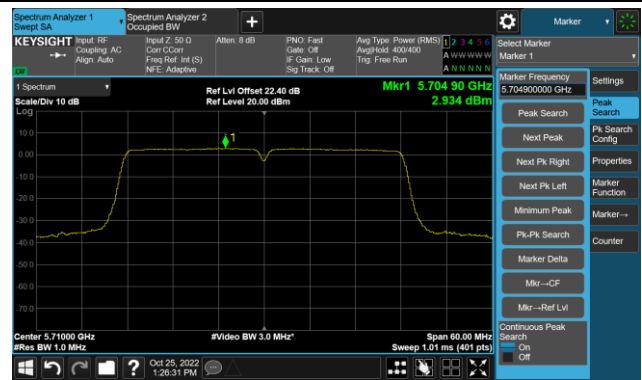


## 802.11ac-VHT40 Power Spectral Density- Ant 0

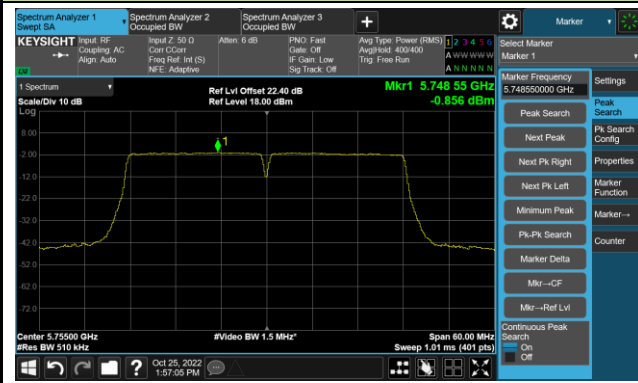
## Channel 134 (5670MHz)



## Channel 142(5710MHz)



## Channel 151 (5755MHz)



## Channel 159 (5795MHz)

