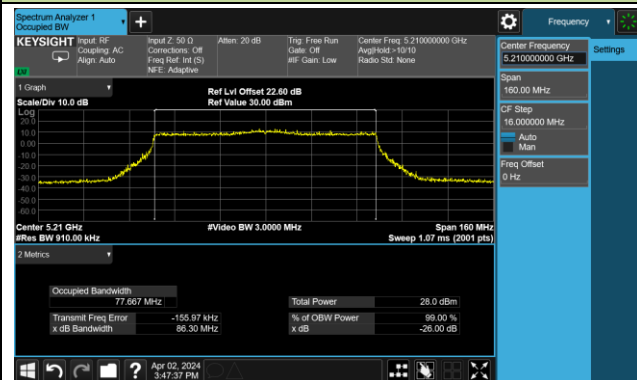
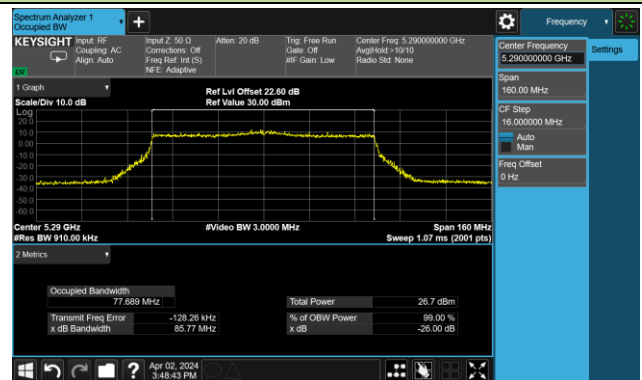


802.11ax-HE80 26dB Bandwidth & 99% Bandwidth

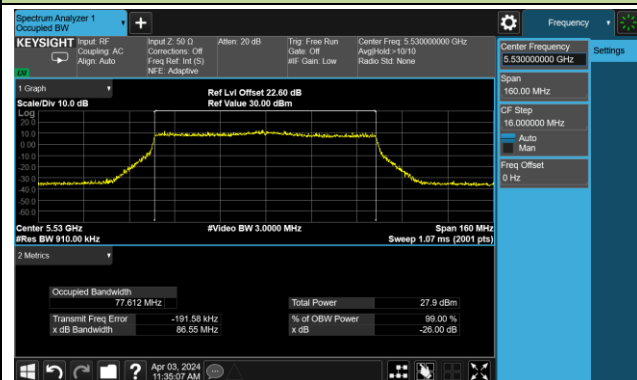
Channel 42 (5210MHz)



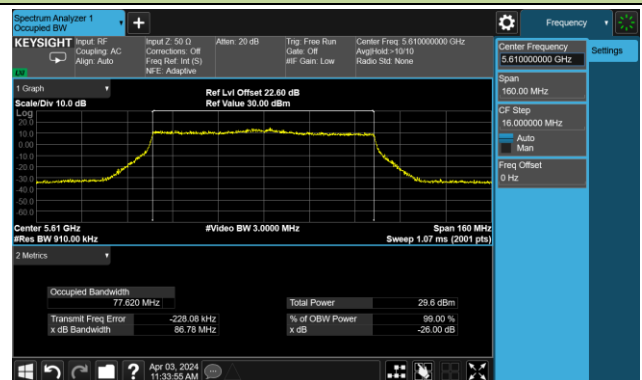
Channel 58 (5290MHz)



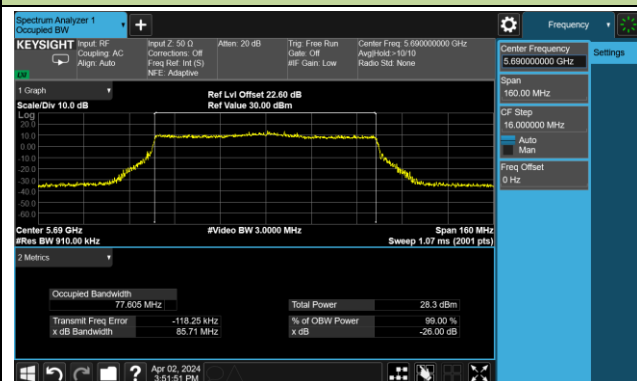
Channel 106 (5530MHz)



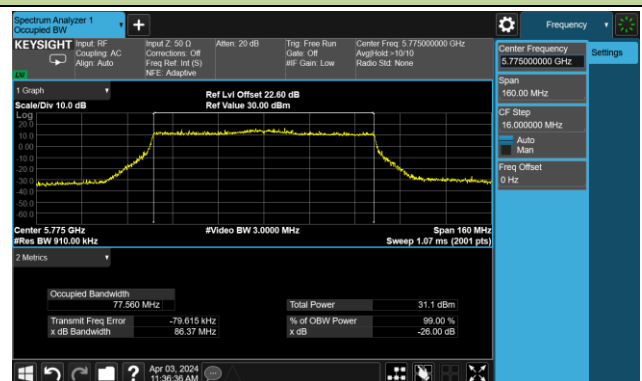
Channel 122 (5610MHz)



Channel 138 (5690MHz)

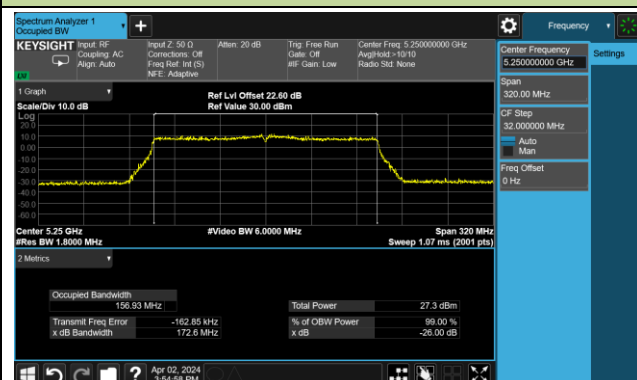


Channel 155 (5775MHz)

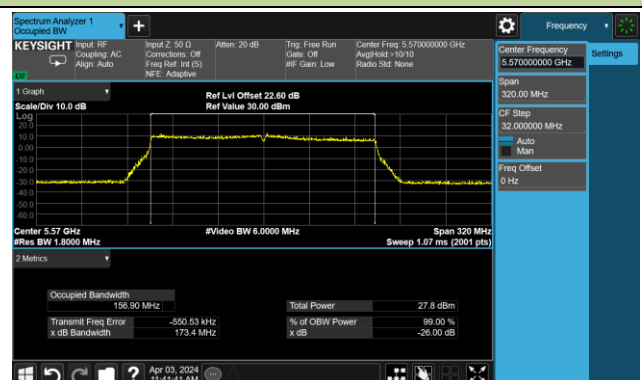


802.11ax-HE160 26dB Bandwidth & 99% Bandwidth

Channel 50 (5250MHz)

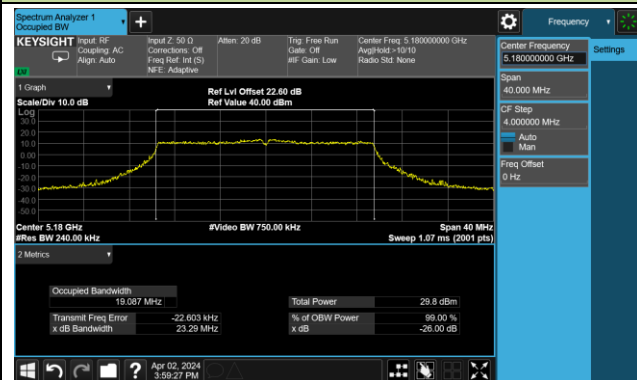


Channel 114 (5570MHz)

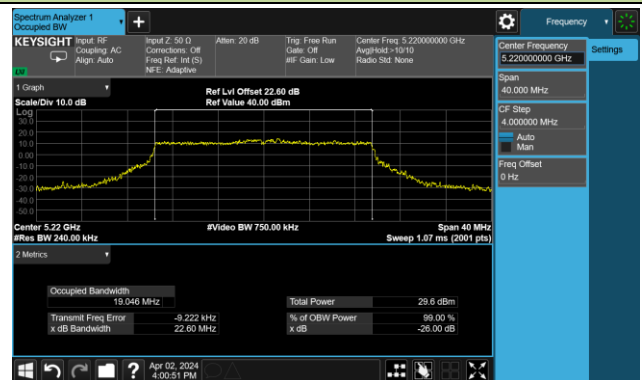


802.11be-EHT20 26dB Bandwidth & 99% Bandwidth

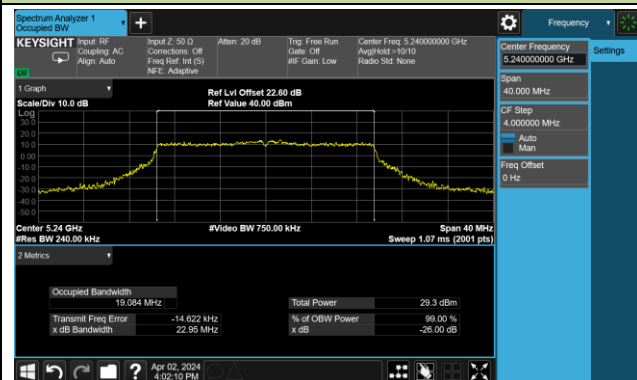
Channel 36 (5180MHz)



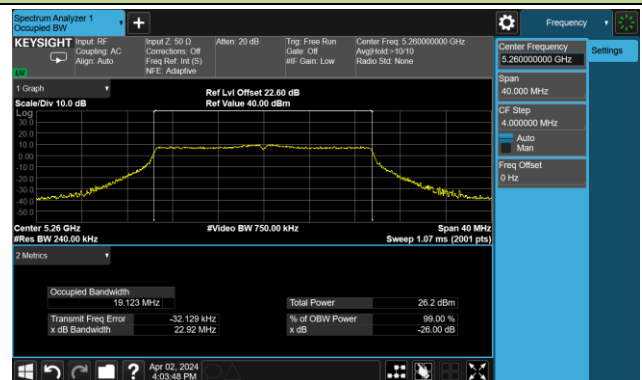
Channel 44 (5220MHz)



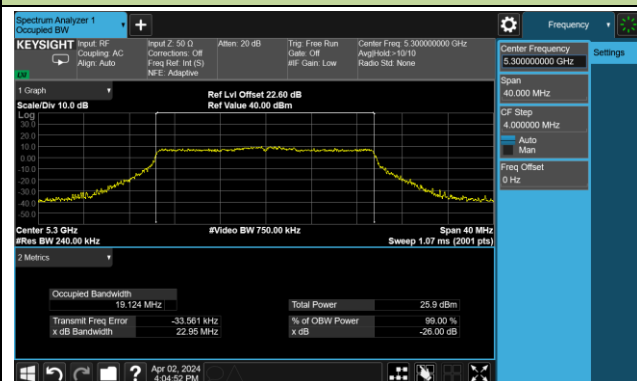
Channel 48 (5240MHz)



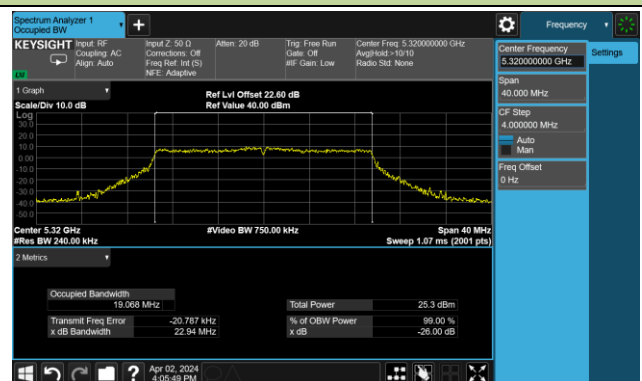
Channel 52 (5260MHz)



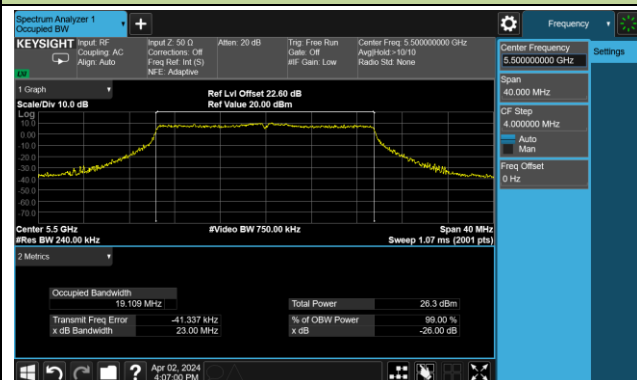
Channel 60 (5300MHz)



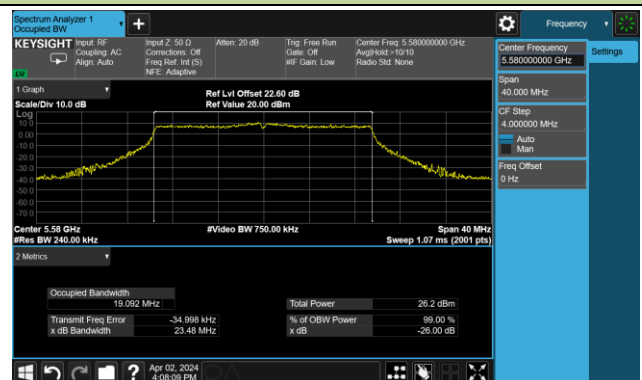
Channel 64 (5320MHz)



Channel 100 (5500MHz)

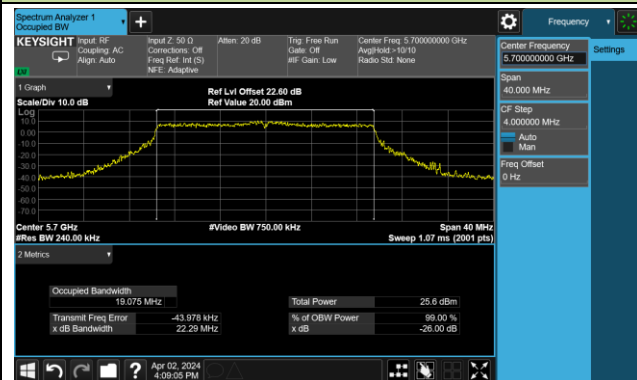


Channel 116 (5580MHz)

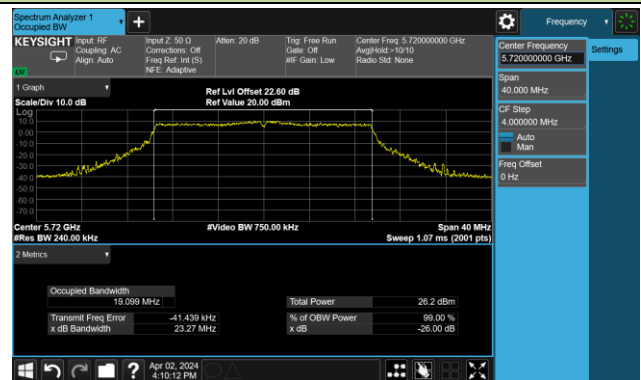


802.11be-EHT20 26dB Bandwidth & 99% Bandwidth

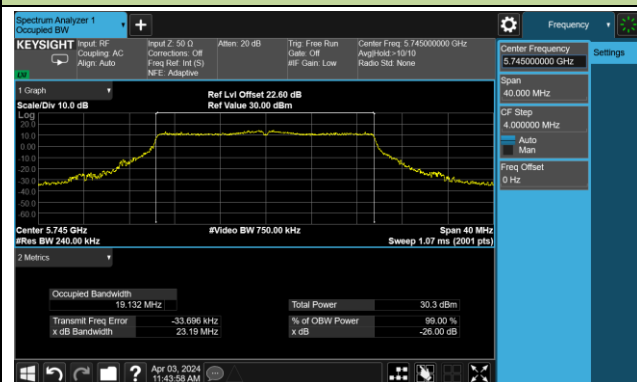
Channel 140 (5700MHz)



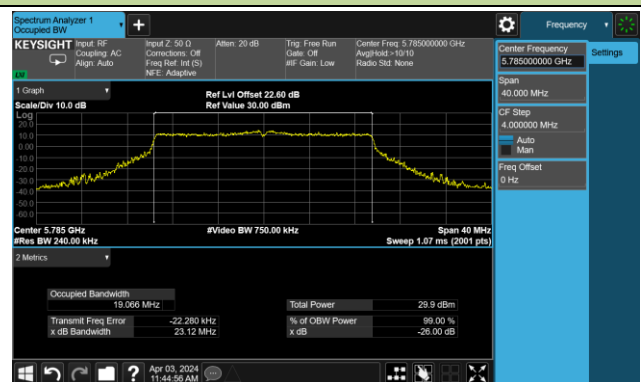
Channel 144(5720MHz)



Channel 149 (5745MHz)



Channel 157 (5785MHz)

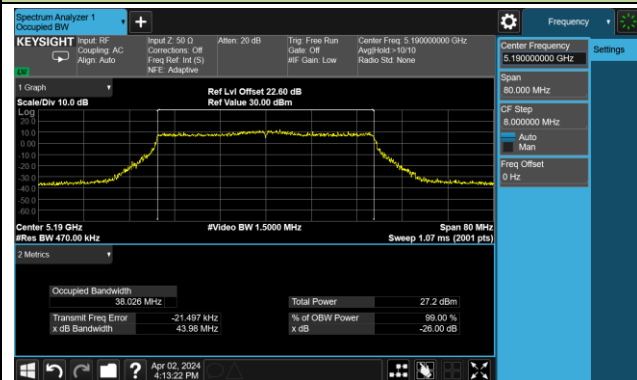


Channel 165 (5825MHz)

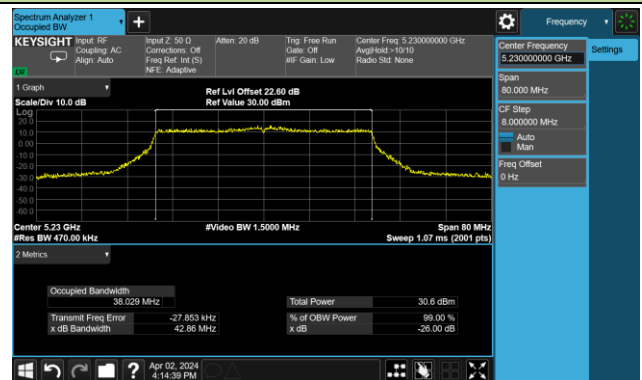


802.11be-EHT40 26dB Bandwidth & 99% Bandwidth

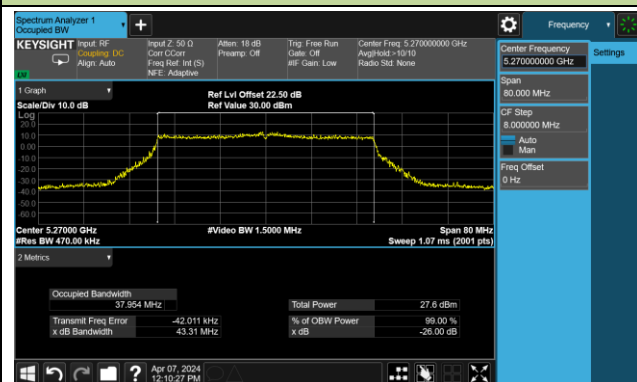
Channel 38 (5190MHz)



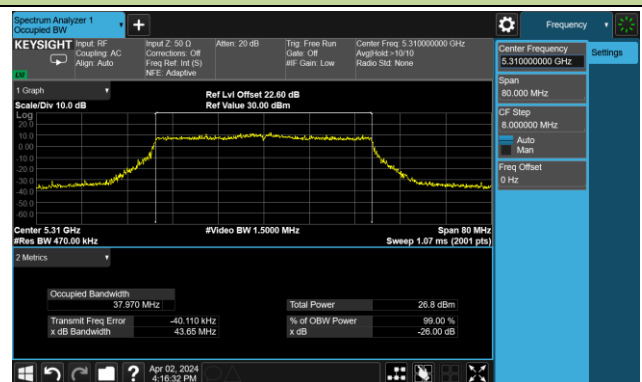
Channel 46 (5230MHz)



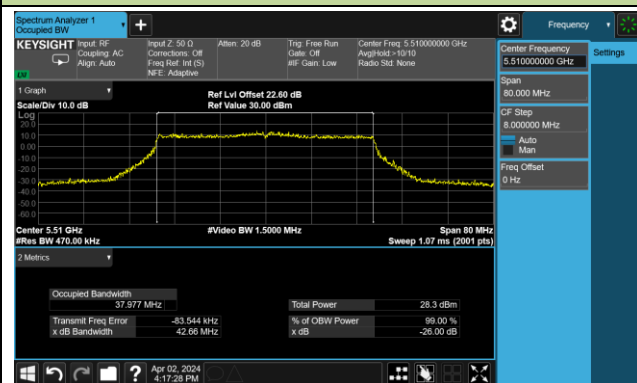
Channel 54 (5270MHz)



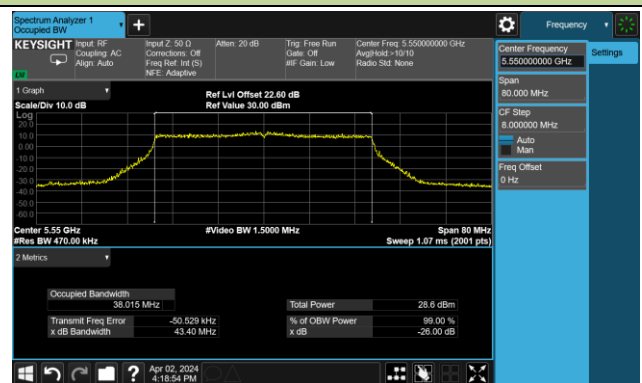
Channel 62 (5310MHz)



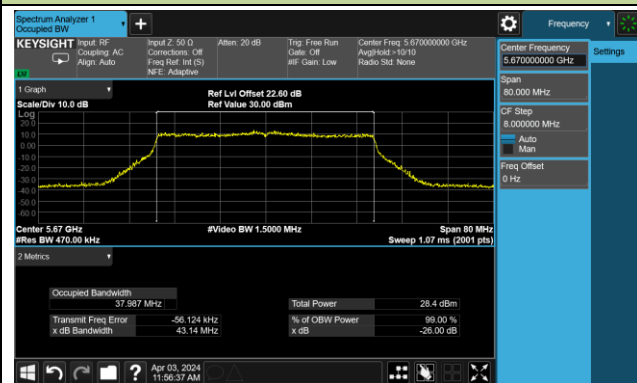
Channel 102 (5510MHz)



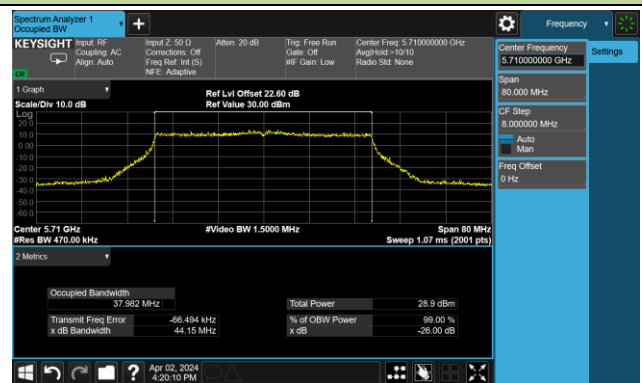
Channel 110 (5550MHz)

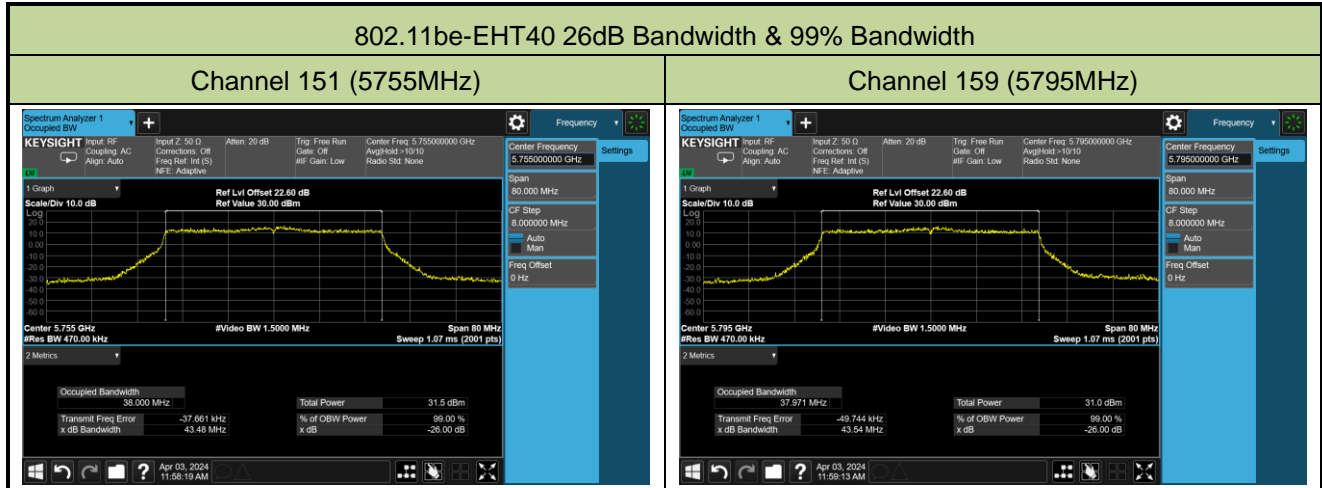


Channel 134 (5670MHz)



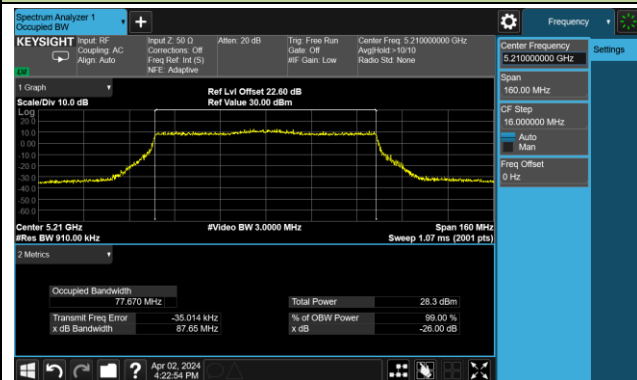
Channel 142(5710MHz)



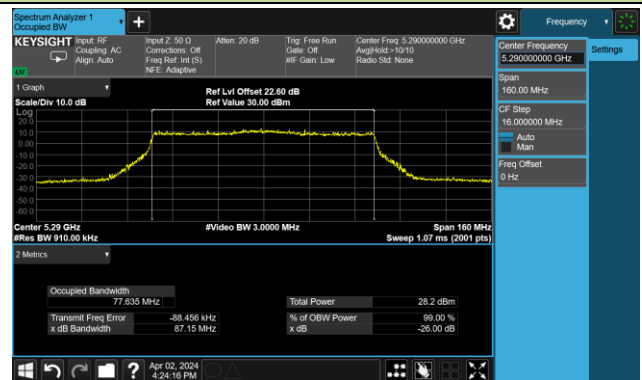


802.11be-EHT80 26dB Bandwidth & 99% Bandwidth

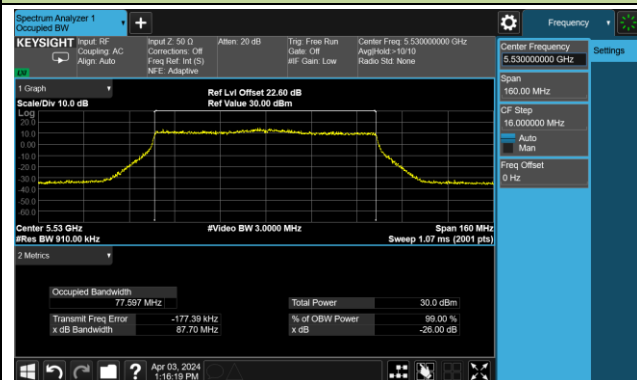
Channel 42 (5210MHz)



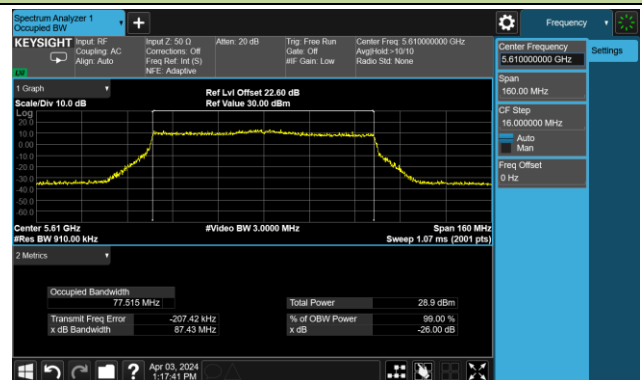
Channel 58 (5290MHz)



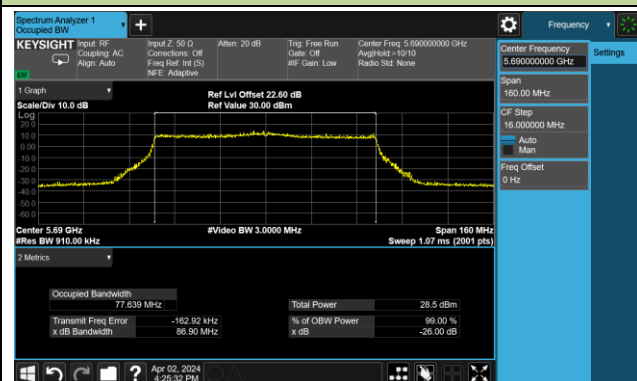
Channel 106 (5530MHz)



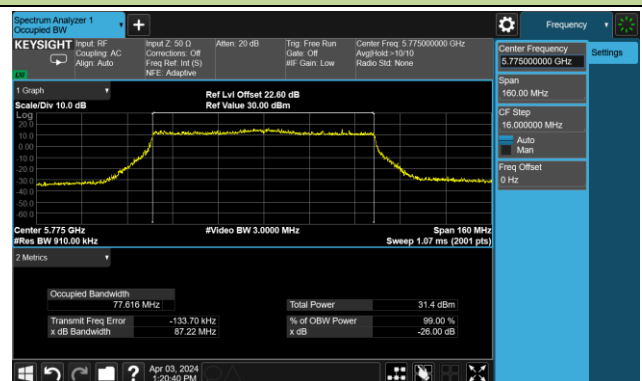
Channel 122 (5610MHz)



Channel 138 (5690MHz)

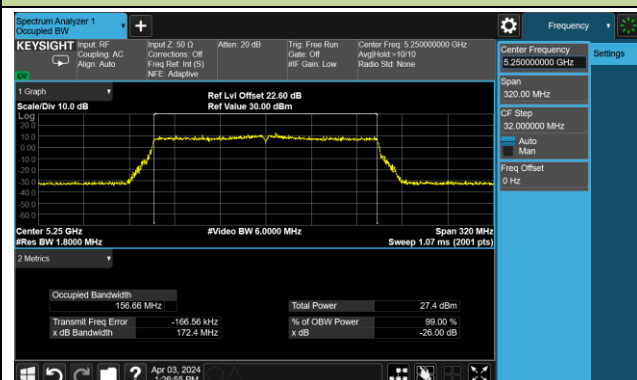


Channel 155 (5775MHz)

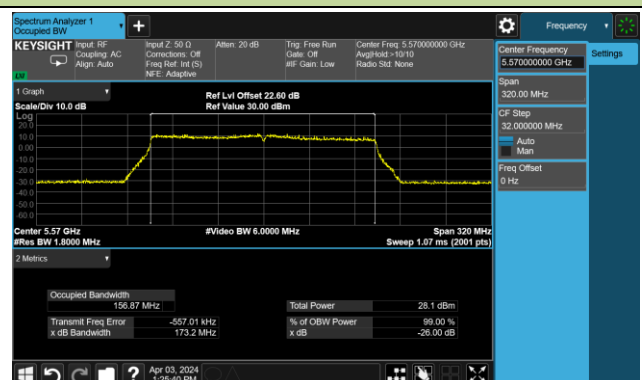


802.11be-EHT160 26dB Bandwidth & 99% Bandwidth

Channel 50 (5250MHz)



Channel 114 (5570MHz)



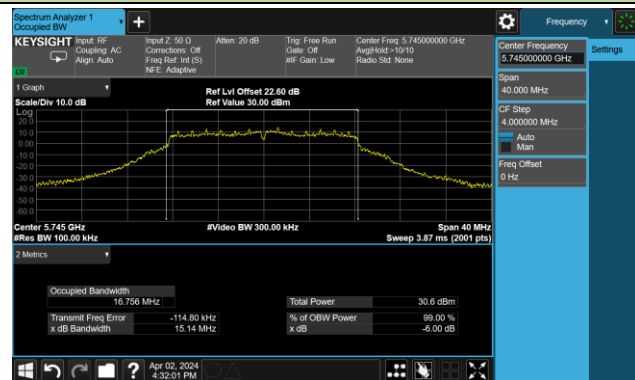
A.3 6dB Bandwidth Test Result

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-04-02		

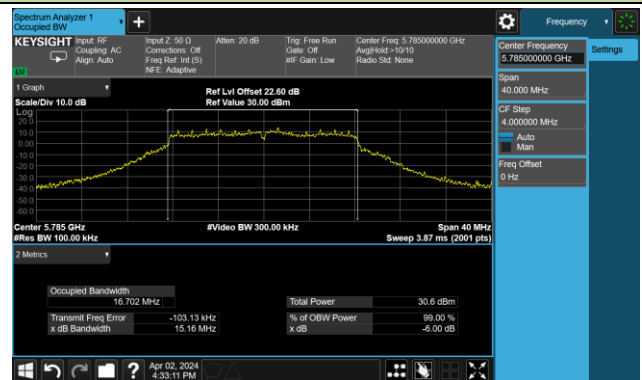
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11a	6Mbps	149	5745	15.14	≥ 0.5
11a	6Mbps	157	5785	15.16	≥ 0.5
11a	6Mbps	165	5825	15.30	≥ 0.5
11ac-VHT20	MCS0	149	5745	16.94	≥ 0.5
11ac-VHT20	MCS0	157	5785	16.39	≥ 0.5
11ac-VHT20	MCS0	165	5825	15.76	≥ 0.5
11ac-VHT40	MCS0	151	5755	36.39	≥ 0.5
11ac-VHT40	MCS0	159	5795	36.37	≥ 0.5
11ac-VHT80	MCS0	155	5775	75.47	≥ 0.5
11ax-HE20	MCS0	149	5745	19.10	≥ 0.5
11ax-HE20	MCS0	157	5785	17.33	≥ 0.5
11ax-HE20	MCS0	165	5825	17.46	≥ 0.5
11ax-HE40	MCS0	151	5755	38.18	≥ 0.5
11ax-HE40	MCS0	159	5795	38.11	≥ 0.5
11ax-HE80	MCS0	155	5775	76.99	≥ 0.5
11be-EHT20	MCS0	149	5745	18.98	≥ 0.5
11be-EHT20	MCS0	157	5785	19.06	≥ 0.5
11be-EHT20	MCS0	165	5825	19.07	≥ 0.5
11be-EHT40	MCS0	151	5755	38.00	≥ 0.5
11be-EHT40	MCS0	159	5795	37.98	≥ 0.5
11be-EHT80	MCS0	155	5775	76.88	≥ 0.5

802.11a 6dB Bandwidth

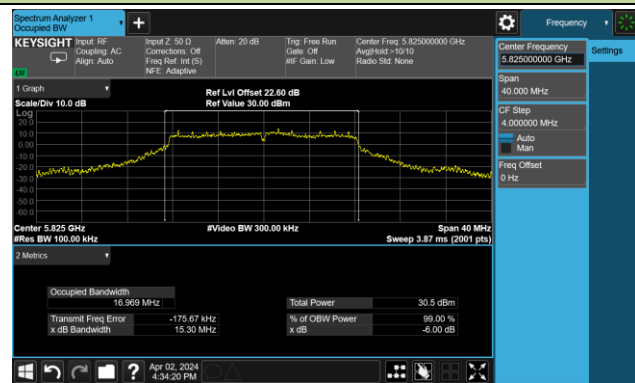
Channel 149 (5745MHz)



Channel 157 (5785MHz)

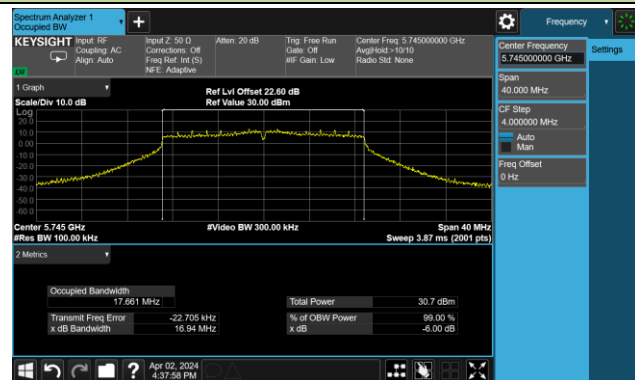


Channel 165 (5825MHz)

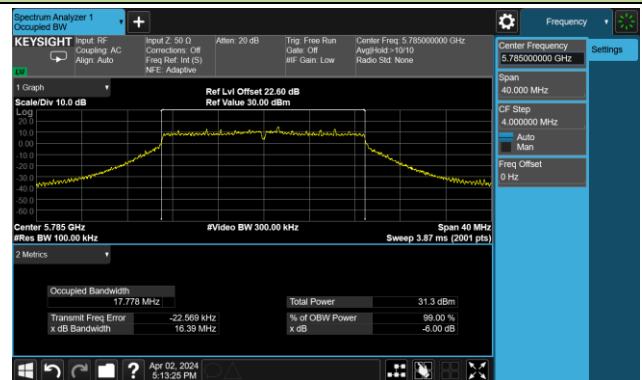


802.11ac-VHT20 6dB Bandwidth

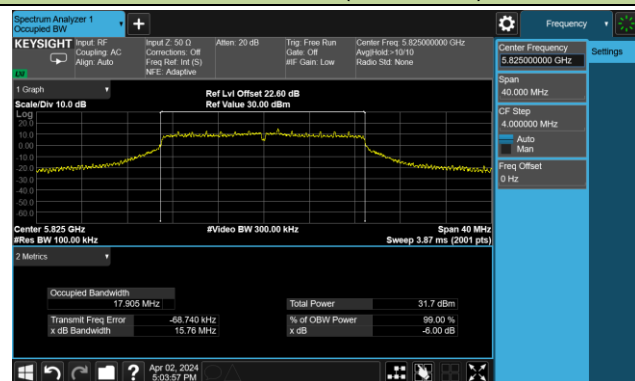
Channel 149 (5745MHz)



Channel 157 (5785MHz)

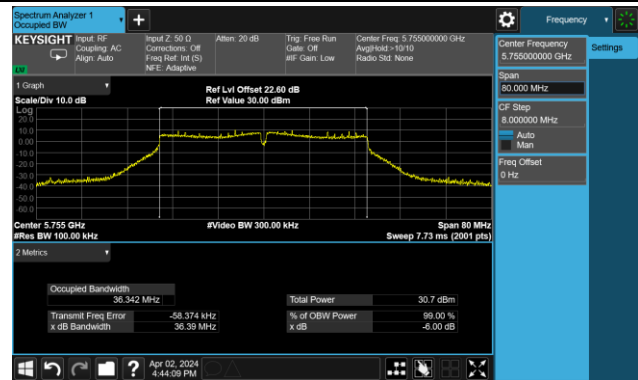


Channel 165 (5825MHz)

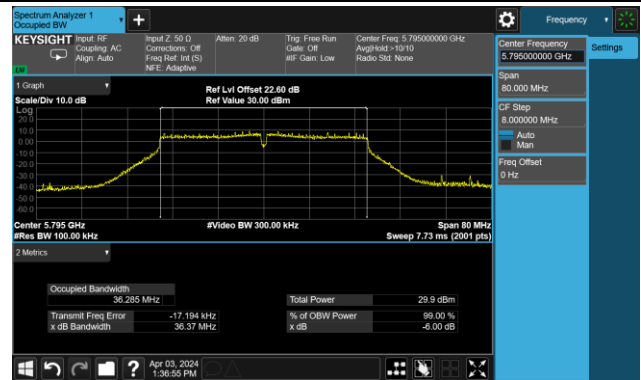


802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)

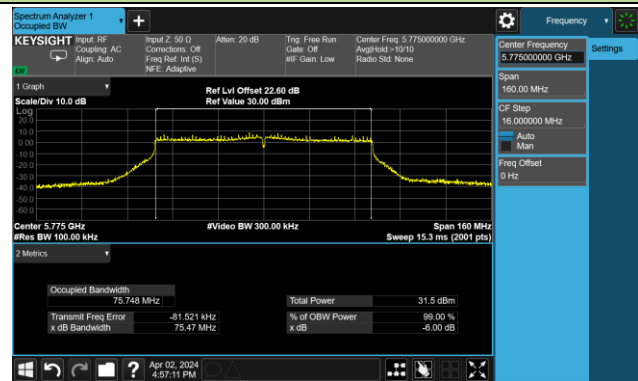


Channel 159 (5795MHz)



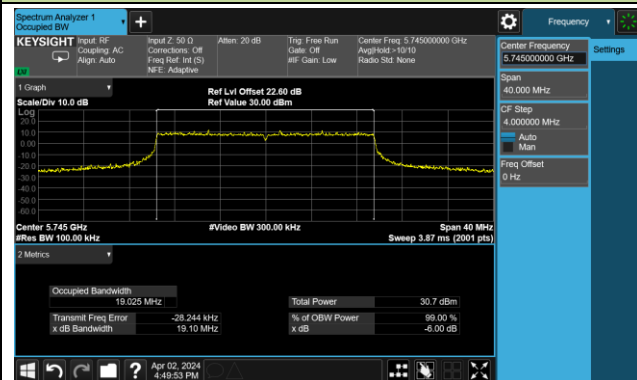
802.11ac-VHT80 6dB Bandwidth

Channel 155 (5775MHz)

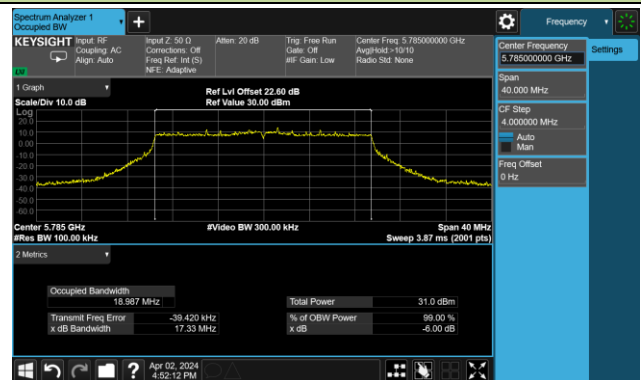


802.11ax-HE20 6dB Bandwidth

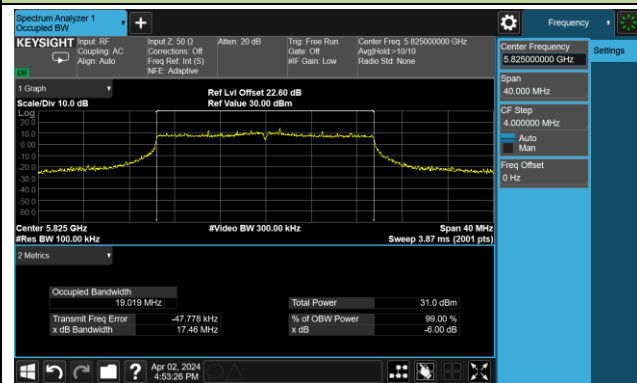
Channel 149 (5745MHz)



Channel 157 (5785MHz)

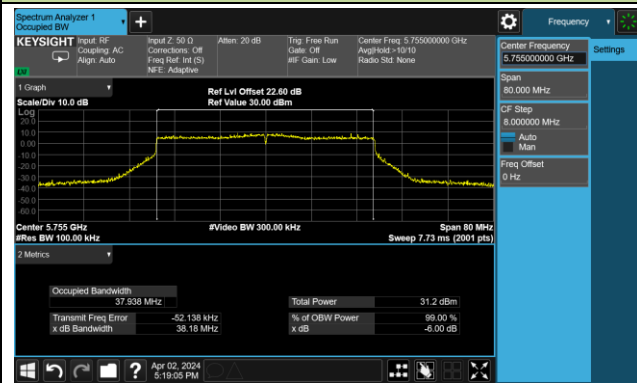


Channel 165 (5825MHz)

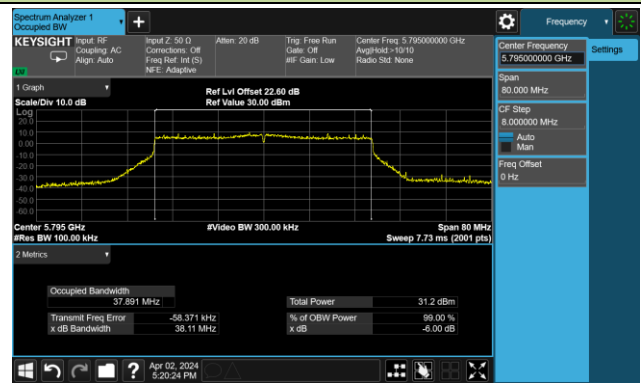


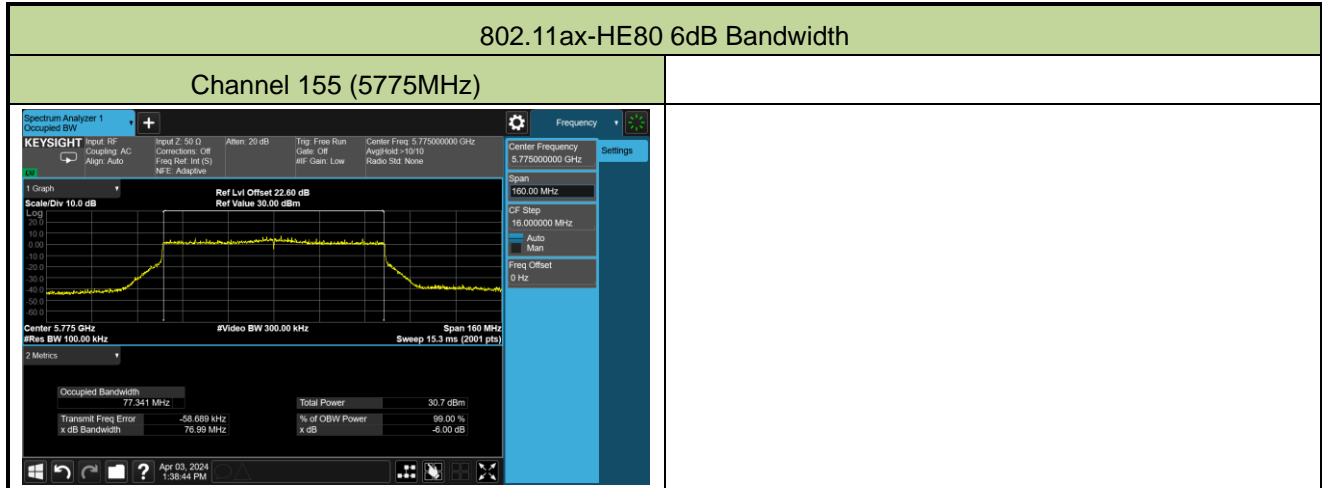
802.11ax-HE40 6dB Bandwidth

Channel 151 (5755MHz)



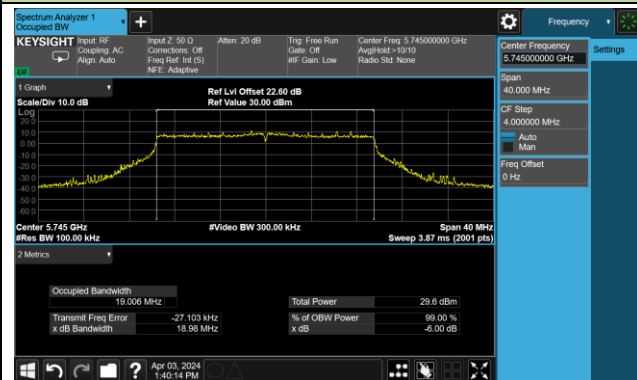
Channel 159 (5795MHz)



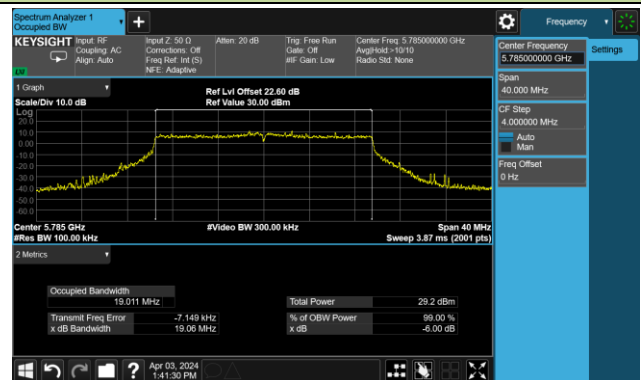


802.11be-EHT20 6dB Bandwidth

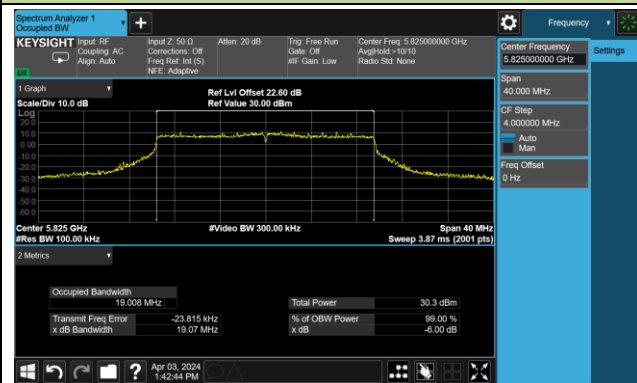
Channel 149 (5745MHz)



Channel 157 (5785MHz)

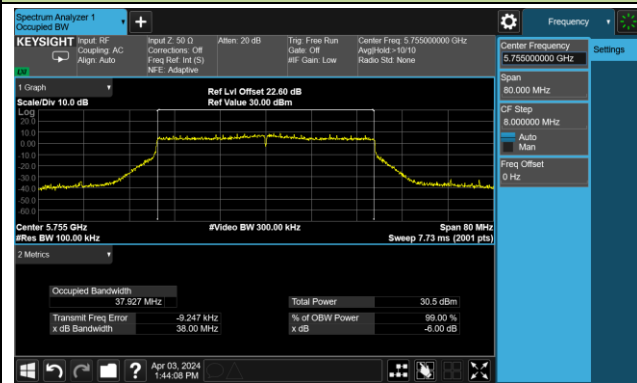


Channel 165 (5825MHz)

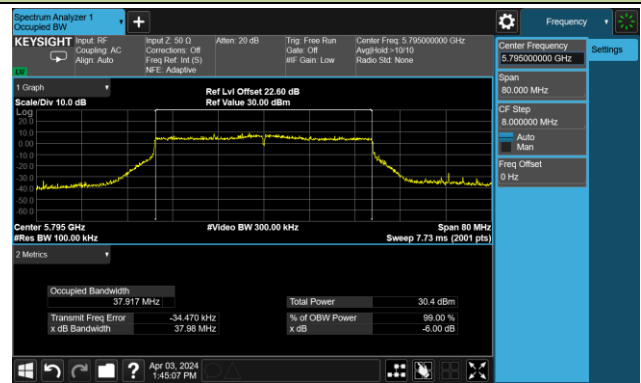


802.11be-EHT40 6dB Bandwidth

Channel 151 (5755MHz)

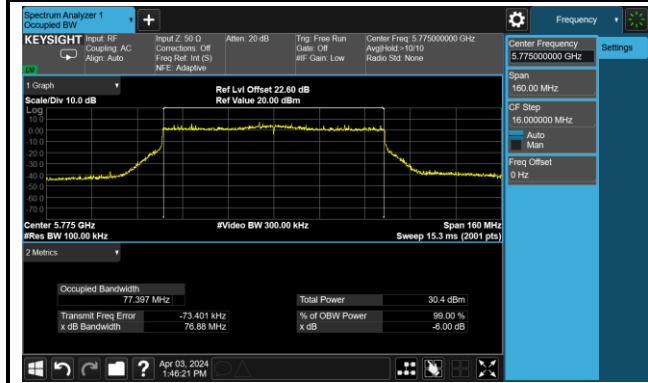


Channel 159 (5795MHz)



802.11be-EHT80 6dB Bandwidth

Channel 155 (5775MHz)



A.4 Output Power Test Result

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-04-02	Test Mode	CDD Mode

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11a	6Mbps	36	5180	22.56	23.25	25.93	≤ 30.00
11a	6Mbps	44	5220	22.82	23.26	26.06	≤ 30.00
11a	6Mbps	48	5240	22.82	23.36	26.11	≤ 30.00
11a	6Mbps	52	5260	16.61	17.24	19.95	≤ 23.98
11a	6Mbps	60	5300	16.79	17.18	20.00	≤ 23.98
11a	6Mbps	64	5320	16.83	17.29	20.08	≤ 23.98
11a	6Mbps	100	5500	16.56	16.46	19.52	≤ 23.98
11a	6Mbps	116	5580	17.06	16.98	20.03	≤ 23.98
11a	6Mbps	140	5700	16.98	16.67	19.84	≤ 23.98
11a	6Mbps	144	5720	16.93	16.49	19.73	≤ 23.09 <small>Note 3 & 4</small>
11a	6Mbps	149	5745	23.32	22.73	26.05	≤ 30.00
11a	6Mbps	157	5785	23.52	22.76	26.17	≤ 30.00
11a	6Mbps	165	5825	23.79	22.85	26.36	≤ 30.00
11ac-VHT20	MCS0	36	5180	22.17	22.75	25.48	≤ 30.00
11ac-VHT20	MCS0	44	5220	22.79	23.43	26.13	≤ 30.00
11ac-VHT20	MCS0	48	5240	22.71	23.58	26.18	≤ 30.00
11ac-VHT20	MCS0	52	5260	18.09	19.03	21.60	≤ 23.98
11ac-VHT20	MCS0	60	5300	17.67	18.66	21.20	≤ 23.98
11ac-VHT20	MCS0	64	5320	18.22	18.97	21.62	≤ 23.98
11ac-VHT20	MCS0	100	5500	18.51	18.72	21.63	≤ 23.98
11ac-VHT20	MCS0	116	5580	18.49	18.53	21.52	≤ 23.98
11ac-VHT20	MCS0	140	5700	18.55	18.11	21.35	≤ 23.98
11ac-VHT20	MCS0	144	5720	18.53	18.13	21.34	≤ 23.14 <small>Note 3 & 4</small>
11ac-VHT20	MCS0	149	5745	23.32	22.73	26.05	≤ 30.00
11ac-VHT20	MCS0	157	5785	23.61	22.76	26.22	≤ 30.00
11ac-VHT20	MCS0	165	5825	23.75	23.04	26.42	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11ac-VHT40	MCS0	38	5190	19.65	20.31	23.00	≤ 30.00
11ac-VHT40	MCS0	46	5230	22.97	23.36	26.18	≤ 30.00
11ac-VHT40	MCS0	54	5270	19.94	20.67	23.33	≤ 23.98
11ac-VHT40	MCS0	62	5310	20.15	20.59	23.39	≤ 23.98
11ac-VHT40	MCS0	102	5510	20.08	20.20	23.15	≤ 23.98
11ac-VHT40	MCS0	110	5550	20.09	20.09	23.10	≤ 23.98
11ac-VHT40	MCS0	134	5670	20.74	20.47	23.62	≤ 23.98
11ac-VHT40	MCS0	142	5710	20.65	20.30	23.49	≤ 23.98 <small>Note 3 & 4</small>
11ac-VHT40	MCS0	151	5755	23.56	22.91	26.26	≤ 30.00
11ac-VHT40	MCS0	159	5795	23.51	22.47	26.03	≤ 30.00
11ac-VHT80	MCS0	42	5210	19.46	20.15	22.83	≤ 30.00
11ac-VHT80	MCS0	58	5290	18.80	19.58	22.22	≤ 23.98
11ac-VHT80	MCS0	106	5530	19.55	19.53	22.55	≤ 23.98
11ac-VHT80	MCS0	122	5610	20.10	20.39	23.26	≤ 23.98
11ac-VHT80	MCS0	138	5690	20.35	20.18	23.28	≤ 23.98 <small>Note 3 & 4</small>
11ac-VHT80	MCS0	155	5775	23.37	22.75	26.08	≤ 30.00
11ac-VHT160	MCS0	50	5250	18.13	18.83	21.50	≤ 23.98 <small>Note 2</small>
11ac-VHT160	MCS0	114	5570	18.04	18.13	21.10	≤ 23.98
11ax-HE20	MCS0	36	5180	22.51	23.21	25.88	≤ 30.00
11ax-HE20	MCS0	44	5220	22.78	23.10	25.95	≤ 30.00
11ax-HE20	MCS0	48	5240	22.77	23.31	26.06	≤ 30.00
11ax-HE20	MCS0	52	5260	18.44	19.42	21.97	≤ 23.98
11ax-HE20	MCS0	60	5300	18.53	19.56	22.09	≤ 23.98
11ax-HE20	MCS0	64	5320	18.57	19.32	21.97	≤ 23.98
11ax-HE20	MCS0	100	5500	18.70	19.01	21.87	≤ 23.98
11ax-HE20	MCS0	116	5580	18.75	18.82	21.80	≤ 23.98
11ax-HE20	MCS0	140	5700	18.83	18.63	21.74	≤ 23.98
11ax-HE20	MCS0	144	5720	18.87	18.34	21.62	≤ 23.15 <small>Note 3 & 4</small>
11ax-HE20	MCS0	149	5745	23.34	22.71	26.05	≤ 30.00
11ax-HE20	MCS0	157	5785	23.60	22.67	26.17	≤ 30.00
11ax-HE20	MCS0	165	5825	23.71	22.92	26.34	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11ax-HE40	MCS0	38	5190	19.68	20.23	22.97	≤ 30.00
11ax-HE40	MCS0	46	5230	23.03	23.29	26.17	≤ 30.00
11ax-HE40	MCS0	54	5270	20.08	20.35	23.23	≤ 23.98
11ax-HE40	MCS0	62	5310	19.02	19.78	22.43	≤ 23.98
11ax-HE40	MCS0	102	5510	19.34	19.37	22.37	≤ 23.98
11ax-HE40	MCS0	110	5550	20.17	20.28	23.24	≤ 23.98
11ax-HE40	MCS0	134	5670	20.30	20.27	23.30	≤ 23.98
11ax-HE40	MCS0	142	5710	20.63	20.48	23.57	≤ 23.98 Note 3 & 4
11ax-HE40	MCS0	151	5755	23.52	22.85	26.21	≤ 30.00
11ax-HE40	MCS0	159	5795	23.34	22.46	25.93	≤ 30.00
11ax-HE80	MCS0	42	5210	20.17	20.53	23.36	≤ 30.00
11ax-HE80	MCS0	58	5290	18.89	19.48	22.21	≤ 23.98
11ax-HE80	MCS0	106	5530	19.61	19.68	22.66	≤ 23.98
11ax-HE80	MCS0	122	5610	20.42	20.43	23.44	≤ 23.98
11ax-HE80	MCS0	138	5690	20.52	20.34	23.44	≤ 23.98 Note 3 & 4
11ax-HE80	MCS0	155	5775	23.41	22.87	26.16	≤ 30.00
11ax-HE160	MCS0	50	5250	18.74	19.17	21.97	≤ 23.98 Note 2
11ax-HE160	MCS0	114	5570	18.72	18.72	21.73	≤ 23.98
11be-EHT20	MCS0	36	5180	22.72	23.03	25.89	≤ 30.00
11be-EHT20	MCS0	44	5220	23.21	23.62	26.43	≤ 30.00
11be-EHT20	MCS0	48	5240	22.72	23.18	25.97	≤ 30.00
11be-EHT20	MCS0	52	5260	18.54	19.30	21.95	≤ 23.98
11be-EHT20	MCS0	60	5300	18.61	19.38	22.02	≤ 23.98
11be-EHT20	MCS0	64	5320	18.56	19.32	21.97	≤ 23.98
11be-EHT20	MCS0	100	5500	18.85	18.94	21.91	≤ 23.98
11be-EHT20	MCS0	116	5580	18.85	18.78	21.83	≤ 23.98
11be-EHT20	MCS0	140	5700	18.78	18.42	21.61	≤ 23.98
11be-EHT20	MCS0	144	5720	18.72	18.33	21.54	≤ 23.21 Note 3 & 4
11be-EHT20	MCS0	149	5745	23.36	22.70	26.05	≤ 30.00
11be-EHT20	MCS0	157	5785	23.51	22.65	26.11	≤ 30.00
11be-EHT20	MCS0	165	5825	23.71	22.84	26.31	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11be-EHT40	MCS0	38	5190	19.66	20.05	22.87	≤ 30.00
11be-EHT40	MCS0	46	5230	22.96	23.27	26.13	≤ 30.00
11be-EHT40	MCS0	54	5270	20.21	20.75	23.50	≤ 23.98
11be-EHT40	MCS0	62	5310	19.53	19.96	22.76	≤ 23.98
11be-EHT40	MCS0	102	5510	20.72	20.83	23.79	≤ 23.98
11be-EHT40	MCS0	110	5550	20.17	20.05	23.12	≤ 23.98
11be-EHT40	MCS0	134	5670	20.39	20.12	23.27	≤ 23.98
11be-EHT40	MCS0	142	5710	20.43	20.33	23.39	≤ 23.98 Note 3 & 4
11be-EHT40	MCS0	151	5755	23.39	22.83	26.13	≤ 30.00
11be-EHT40	MCS0	159	5795	23.63	22.82	26.25	≤ 30.00
11be-EHT80	MCS0	42	5210	20.03	20.45	23.26	≤ 30.00
11be-EHT80	MCS0	58	5290	19.73	20.42	23.10	≤ 23.98
11be-EHT80	MCS0	106	5530	20.70	20.39	23.56	≤ 23.98
11be-EHT80	MCS0	122	5610	20.52	20.49	23.52	≤ 23.98
11be-EHT80	MCS0	138	5690	20.41	20.02	23.23	≤ 23.98 Note 3 & 4
11be-EHT80	MCS0	155	5775	23.24	22.64	25.96	≤ 30.00
11be-EHT160	MCS0	50	5250	18.82	19.21	22.03	≤ 23.98 Note 2
11be-EHT160	MCS0	114	5570	18.83	18.63	21.74	≤ 23.98

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

Note 2: This is a straddle channel that spans bands NII-1 and NII-2A, the total power of the channel complies with the limit of NII-2A which is the more stringent limit of NII-1 and NII-2A.

Note 3: Average Power Limit = 23.98dBm or $11 + 10 \cdot \log_{10} \text{EBW}_{2C}$ which is less.

Note 4: This is a straddle channel that spans bands NII-2C and NII-3, the total power of the channel complies with the limit of NII-2C which is the more stringent limit of NII-2C and NII-3.

A.5 Power Spectral Density Test Result

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-03-28 ~ 2024-04-01	Test Mode	CDD Mode
Test Item	Power Spectral Density (UNII-Band 1 & UNII-2a & UNII-2c)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	PSD (dBm/ MHz)		Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)
	Ant 0			Ant 1				
CDD Mode								
11a	6Mbps	36	5180	12.721	12.990	99.15	15.868	≤ 16.38
11a	6Mbps	44	5220	12.378	13.304	99.15	15.876	≤ 16.38
11a	6Mbps	48	5240	12.258	13.503	99.15	15.935	≤ 16.38
11a	6Mbps	52	5260	6.429	7.250	99.15	9.869	≤ 10.38
11a	6Mbps	60	5300	6.091	7.790	99.15	10.033	≤ 10.38
11a	6Mbps	64	5320	5.799	7.747	99.15	9.892	≤ 10.38
11a	6Mbps	100	5500	6.729	6.615	99.15	9.683	≤ 10.38
11a	6Mbps	116	5580	7.288	6.502	99.15	9.923	≤ 10.38
11a	6Mbps	140	5700	7.315	6.089	99.15	9.755	≤ 10.38
11a	6Mbps	144	5720	7.239	6.085	99.15	9.711	≤ 10.38
STBC Mode								
11ac-VHT20	MCS0	36	5180	10.936	11.502	98.72	14.239	≤ 17.00
11ac-VHT20	MCS0	44	5220	11.358	12.029	98.72	14.717	≤ 17.00
11ac-VHT20	MCS0	48	5240	11.675	12.386	98.72	15.055	≤ 17.00
11ac-VHT20	MCS0	52	5260	7.107	7.747	98.72	10.449	≤ 11.00
11ac-VHT20	MCS0	60	5300	6.761	7.768	98.72	10.304	≤ 11.00
11ac-VHT20	MCS0	64	5320	7.252	7.935	98.72	10.617	≤ 11.00
11ac-VHT20	MCS0	100	5500	7.654	7.491	98.72	10.584	≤ 11.00
11ac-VHT20	MCS0	116	5580	7.713	7.345	98.72	10.543	≤ 11.00
11ac-VHT20	MCS0	140	5700	7.852	7.253	98.72	10.573	≤ 11.00
11ac-VHT20	MCS0	144	5720	7.780	7.111	98.72	10.469	≤ 11.00
11ac-VHT40	MCS0	38	5190	5.803	6.232	99.63	9.033	≤ 17.00
11ac-VHT40	MCS0	46	5230	9.436	10.025	99.63	12.751	≤ 17.00
11ac-VHT40	MCS0	54	5270	6.173	6.998	99.63	9.615	≤ 11.00
11ac-VHT40	MCS0	62	5310	5.865	6.686	99.63	9.305	≤ 11.00
11ac-VHT40	MCS0	102	5510	6.402	6.566	99.63	9.495	≤ 11.00
11ac-VHT40	MCS0	110	5550	6.392	6.431	99.63	9.422	≤ 11.00
11ac-VHT40	MCS0	134	5670	6.919	6.877	99.63	9.908	≤ 11.00
11ac-VHT40	MCS0	142	5710	6.962	6.711	99.63	9.849	≤ 11.00

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	PSD (dBm/ MHz)		Duty	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)
					Cycle (%)			
STBC Mode								
11ac-VHT80	MCS0	42	5210	2.741	3.614	99.63	6.210	≤ 17.00
11ac-VHT80	MCS0	58	5290	2.328	3.152	99.63	5.770	≤ 11.00
11ac-VHT80	MCS0	106	5530	2.858	3.002	99.63	5.941	≤ 11.00
11ac-VHT80	MCS0	122	5610	7.180	7.324	99.63	10.263	≤ 11.00
11ac-VHT80	MCS0	138	5690	3.815	3.474	99.63	6.658	≤ 11.00
11ac-VHT160	MCS0	50	5250	-1.879	-0.915	99.63	1.640	≤ 11.00 Note 3
11ac-VHT160	MCS0	114	5570	-1.791	-1.539	99.63	1.347	≤ 11.00
11ax-HE20	MCS0	36	5180	10.830	11.638	99.63	14.263	≤ 17.00
11ax-HE20	MCS0	44	5220	10.766	11.353	99.63	14.080	≤ 17.00
11ax-HE20	MCS0	48	5240	10.798	11.609	99.63	14.233	≤ 17.00
11ax-HE20	MCS0	52	5260	7.101	7.701	99.63	10.422	≤ 11.00
11ax-HE20	MCS0	60	5300	7.243	7.932	99.63	10.611	≤ 11.00
11ax-HE20	MCS0	64	5320	7.272	7.726	99.63	10.515	≤ 11.00
11ax-HE20	MCS0	100	5500	7.714	7.591	99.63	10.663	≤ 11.00
11ax-HE20	MCS0	116	5580	7.475	7.221	99.63	10.360	≤ 11.00
11ax-HE20	MCS0	140	5700	7.632	7.045	99.63	10.359	≤ 11.00
11ax-HE20	MCS0	144	5720	7.832	7.049	99.63	10.468	≤ 11.00
11ax-HE40	MCS0	38	5190	5.658	6.314	99.62	9.009	≤ 17.00
11ax-HE40	MCS0	46	5230	9.129	9.325	99.62	12.238	≤ 17.00
11ax-HE40	MCS0	54	5270	6.151	6.710	99.62	9.450	≤ 11.00
11ax-HE40	MCS0	62	5310	5.148	6.196	99.62	8.714	≤ 11.00
11ax-HE40	MCS0	102	5510	5.498	5.566	99.62	8.542	≤ 11.00
11ax-HE40	MCS0	110	5550	6.504	6.399	99.62	9.462	≤ 11.00
11ax-HE40	MCS0	134	5670	6.576	5.634	99.62	9.141	≤ 11.00
11ax-HE40	MCS0	142	5710	6.969	6.709	99.62	9.851	≤ 11.00
11ax-HE80	MCS0	42	5210	3.427	3.693	99.63	6.572	≤ 17.00
11ax-HE80	MCS0	58	5290	2.256	2.844	99.63	5.570	≤ 11.00
11ax-HE80	MCS0	106	5530	2.768	2.871	99.63	5.830	≤ 11.00
11ax-HE80	MCS0	122	5610	3.840	3.651	99.63	6.757	≤ 11.00
11ax-HE80	MCS0	138	5690	3.794	3.631	99.63	6.724	≤ 11.00
11ax-HE160	MCS0	50	5250	-1.136	-0.526	99.63	2.190	≤ 11.00 Note 3
11ax-HE160	MCS0	114	5570	-1.041	-1.167	99.63	1.907	≤ 11.00

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	PSD (dBm/ MHz)		Duty	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)
	Ant 0			Ant 1	Cycle (%)			
STBC Mode								
11be-EHT20	MCS0	36	5180	11.118	11.540	99.63	14.344	≤ 17.00
11be-EHT20	MCS0	44	5220	11.454	11.999	99.63	14.745	≤ 17.00
11be-EHT20	MCS0	48	5240	11.084	11.710	99.63	14.419	≤ 17.00
11be-EHT20	MCS0	52	5260	7.139	7.666	99.63	10.421	≤ 11.00
11be-EHT20	MCS0	60	5300	7.137	7.877	99.63	10.533	≤ 11.00
11be-EHT20	MCS0	64	5320	7.266	7.684	99.63	10.490	≤ 11.00
11be-EHT20	MCS0	100	5500	7.752	7.574	99.63	10.674	≤ 11.00
11be-EHT20	MCS0	116	5580	7.537	7.312	99.63	10.436	≤ 11.00
11be-EHT20	MCS0	140	5700	7.627	7.161	99.63	10.411	≤ 11.00
11be-EHT20	MCS0	144	5720	7.636	7.138	99.63	10.404	≤ 11.00
11be-EHT40	MCS0	38	5190	5.753	6.141	99.63	8.962	≤ 17.00
11be-EHT40	MCS0	46	5230	9.075	9.473	99.63	12.289	≤ 17.00
11be-EHT40	MCS0	54	5270	6.389	6.856	99.63	9.639	≤ 11.00
11be-EHT40	MCS0	62	5310	5.709	6.479	99.63	9.121	≤ 11.00
11be-EHT40	MCS0	102	5510	7.036	7.182	99.63	10.120	≤ 11.00
11be-EHT40	MCS0	110	5550	6.364	6.419	99.63	9.402	≤ 11.00
11be-EHT40	MCS0	134	5670	6.523	6.085	99.63	9.320	≤ 11.00
11be-EHT40	MCS0	142	5710	7.019	6.727	99.63	9.886	≤ 11.00
11be-EHT80	MCS0	42	5210	3.273	3.721	99.63	6.513	≤ 17.00
11be-EHT80	MCS0	58	5290	3.171	3.755	99.63	6.483	≤ 11.00
11be-EHT80	MCS0	106	5530	3.828	3.724	99.63	6.787	≤ 11.00
11be-EHT80	MCS0	122	5610	3.839	3.628	99.63	6.745	≤ 11.00
11be-EHT80	MCS0	138	5690	3.724	3.697	99.63	6.721	≤ 11.00
11be-EHT160	MCS0	50	5250	-1.048	-0.706	99.63	2.137	≤ 11.00 ^{Note 3}
11be-EHT160	MCS0	114	5570	-0.963	-1.225	99.63	1.918	≤ 11.00

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

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

Note 2: For 11a,

5125 - 5250MHz Band: PSD Limit (dBm/MHz) = 17 - (6.62 - 6) = 16.38 dBm/MHz

5250 - 5350MHz & 5470 - 5725MHz Band: PSD Limit (dBm/MHz) = 11 - (6.62 - 6) = 10.38 dBm/MHz.

Note 3: This is a straddle channel, the maximum power density complies with the limit of NII-2A which is the more stringent limit of NII-1 and NII-2A.

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-04-01	Test Mode	CDD Mode
Test Item	Power Spectral Density (UNII-Band 3)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	PSD (dBm/ 510kHz)		Duty Cycle (%)	Total PSD (dBm/ 510kHz)	PSD Limit (dBm/ 500kHz)
				Ant 0	Ant 1			
CDD Mode								
11a	6Mbps	149	5745	11.187	9.540	99.15	13.451	≤ 29.38
11a	6Mbps	157	5785	11.423	10.028	99.15	13.792	≤ 29.38
11a	6Mbps	165	5825	11.377	10.872	99.15	14.142	≤ 29.38
STBC Mode								
11ac-VHT20	MCS0	149	5745	9.900	9.459	98.72	12.695	≤ 30.00
11ac-VHT20	MCS0	157	5785	10.357	9.507	98.72	12.963	≤ 30.00
11ac-VHT20	MCS0	165	5825	10.470	9.886	98.72	13.198	≤ 30.00
11ac-VHT40	MCS0	151	5755	7.236	6.762	99.63	10.016	≤ 30.00
11ac-VHT40	MCS0	159	5795	7.153	6.294	99.63	9.755	≤ 30.00
11ac-VHT80	MCS0	155	5775	5.318	4.752	99.63	8.055	≤ 30.00
11ax-HE20	MCS0	149	5745	9.359	8.746	99.63	12.074	≤ 30.00
11ax-HE20	MCS0	157	5785	9.374	8.853	99.63	12.132	≤ 30.00
11ax-HE20	MCS0	165	5825	9.748	9.092	99.63	12.443	≤ 30.00
11ax-HE40	MCS0	151	5755	7.330	6.783	99.62	10.075	≤ 30.00
11ax-HE40	MCS0	159	5795	7.133	6.358	99.62	9.773	≤ 30.00
11ax-HE80	MCS0	155	5775	4.165	3.587	99.63	6.896	≤ 30.00
11be-EHT20	MCS0	149	5745	9.403	8.873	99.63	12.156	≤ 30.00
11be-EHT20	MCS0	157	5785	9.559	8.699	99.63	12.161	≤ 30.00
11be-EHT20	MCS0	165	5825	9.897	9.025	99.63	12.493	≤ 30.00
11be-EHT40	MCS0	151	5755	7.163	6.553	99.63	9.879	≤ 30.00
11be-EHT40	MCS0	159	5795	7.555	6.847	99.63	10.226	≤ 30.00
11be-EHT80	MCS0	155	5775	3.961	3.422	99.63	6.710	≤ 30.00

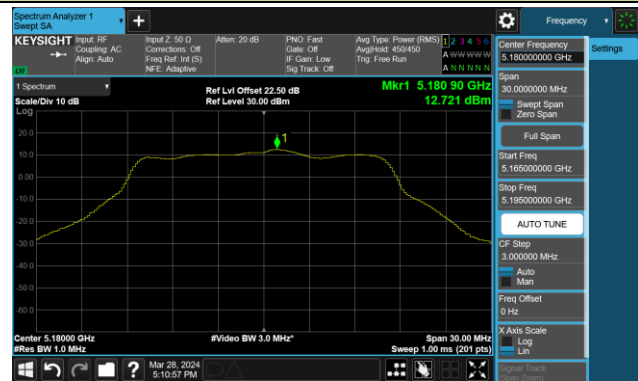
Note 1: When EUT duty cycle < 98%, the total PSD (dBm/510kHz) = $10 \cdot \log \{ 10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} \}$ (dBm/510kHz) + $10 \cdot \log (1/\text{Duty cycle})$.

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

Note 2: For 11a, PSD Limit (dBm/500kHz) = 30 – (6.62 - 6) = 29.38 dBm/500kHz.

802.11a Power Spectral Density- Ant 0

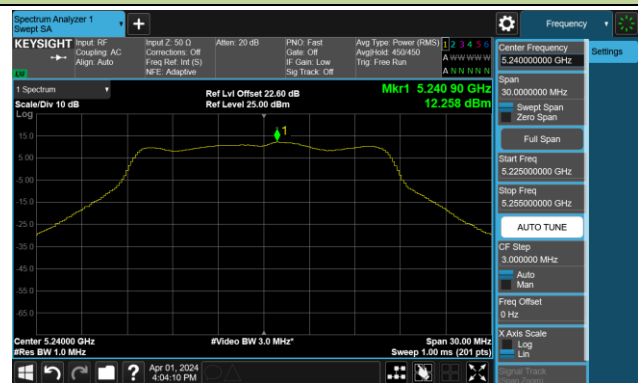
Channel 36 (5180MHz)



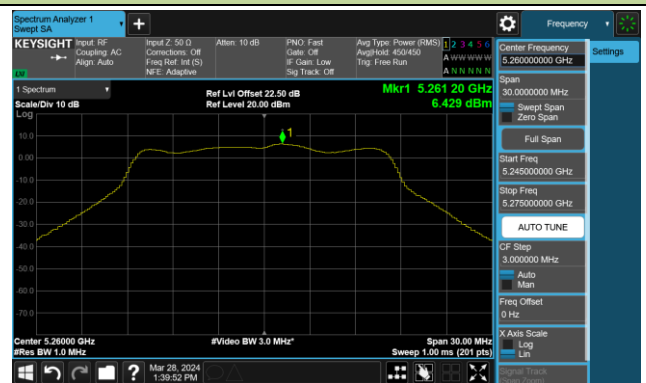
Channel 44 (5220MHz)



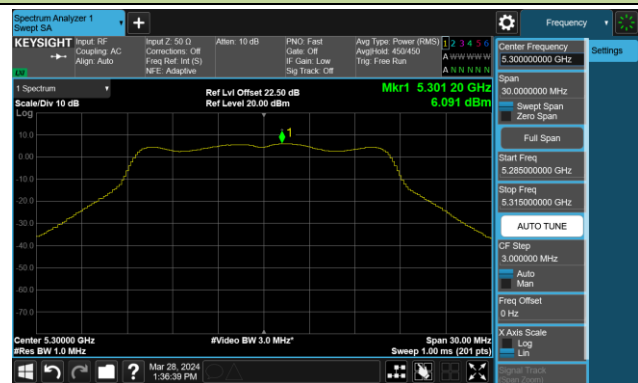
Channel 48 (5240MHz)



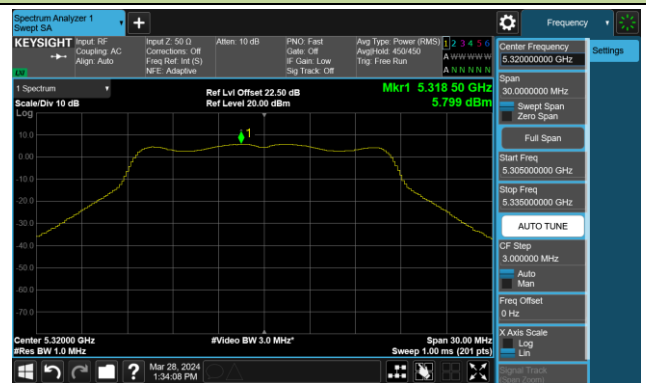
Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 116 (5580MHz)

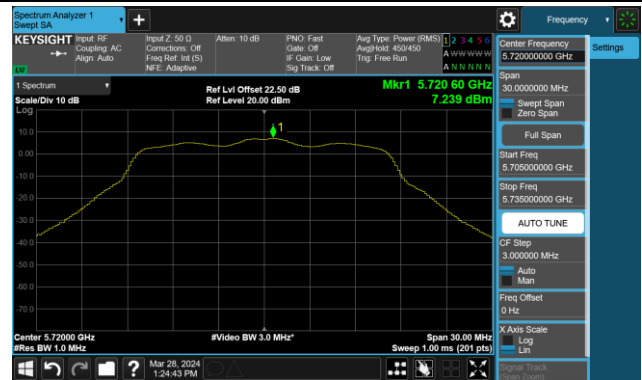


802.11a Power Spectral Density- Ant 0

Channel 140 (5700MHz)



Channel 144(5720MHz)



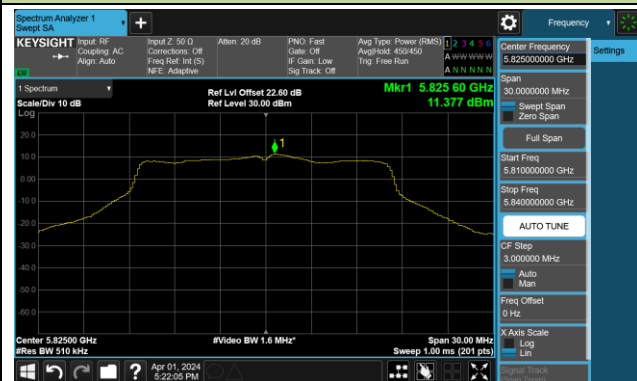
Channel 149 (5745MHz)



Channel 157 (5785MHz)

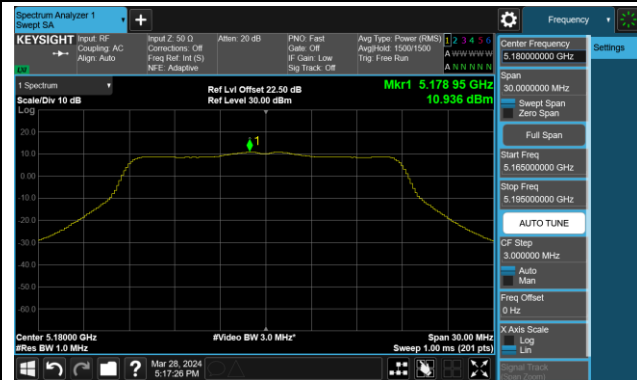


Channel 165 (5825MHz)

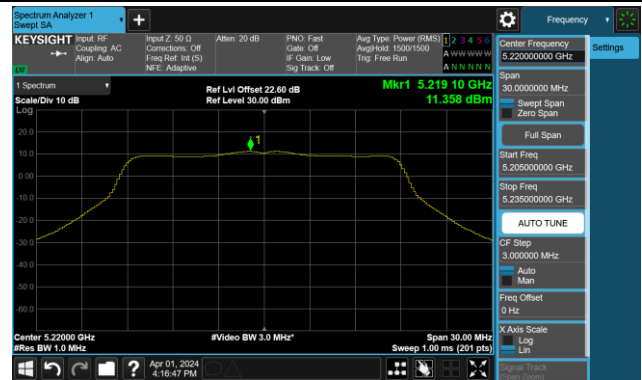


802.11ac-VHT20 Power Spectral Density- Ant 0

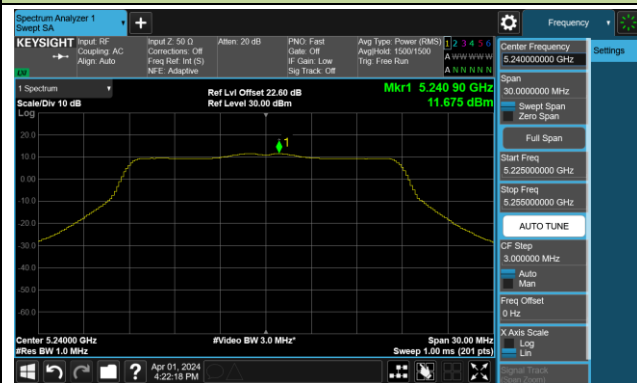
Channel 36 (5180MHz)



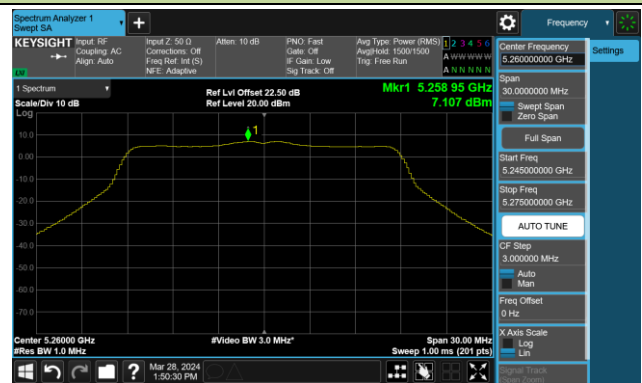
Channel 44 (5220MHz)



Channel 48 (5240MHz)



Channel 52 (5260MHz)



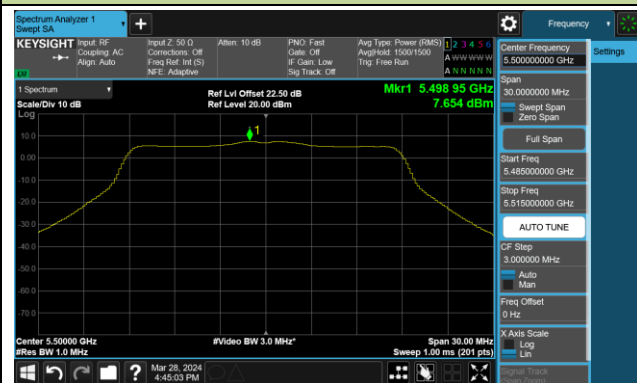
Channel 60 (5300MHz)



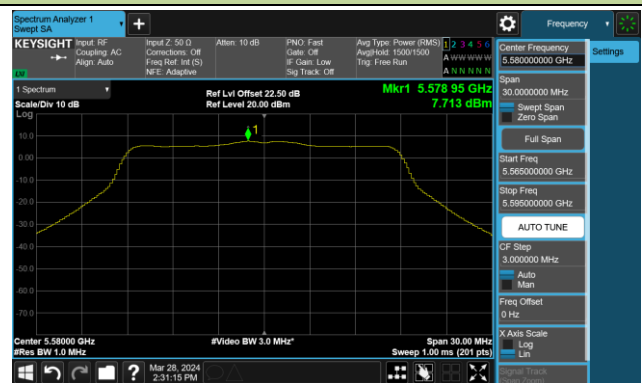
Channel 64 (5320MHz)



Channel 100 (5500MHz)

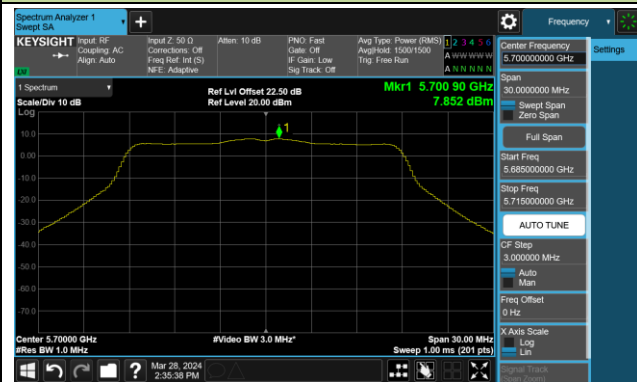


Channel 116 (5580MHz)

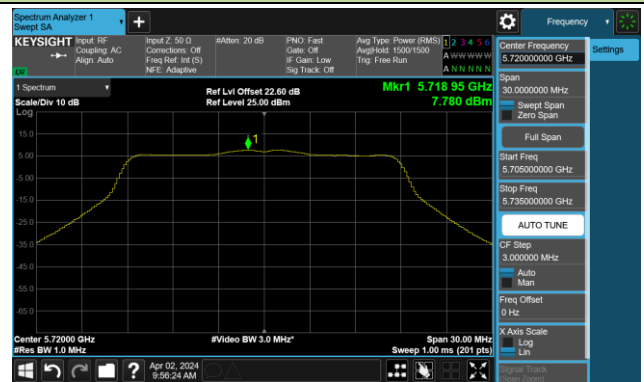


802.11ac-VHT20 Power Spectral Density- Ant 0

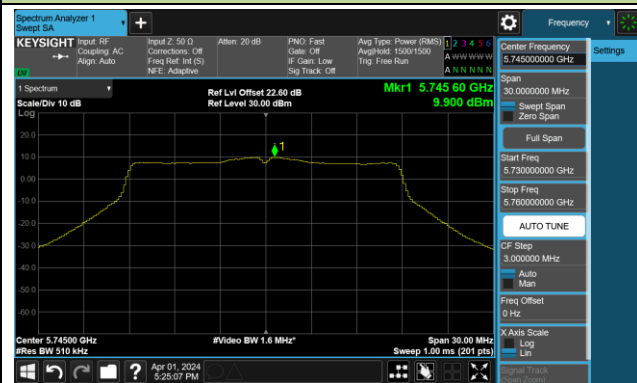
Channel 140 (5700MHz)



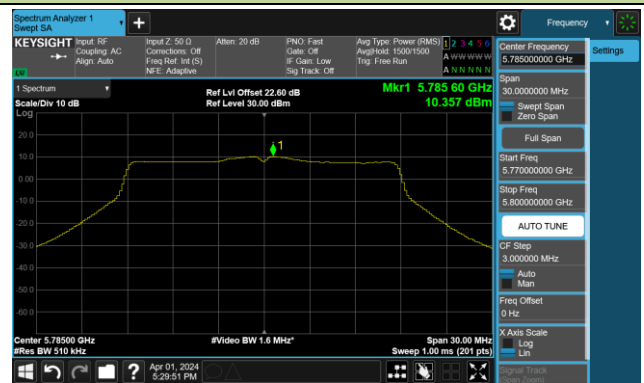
Channel 144(5720MHz)



Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

