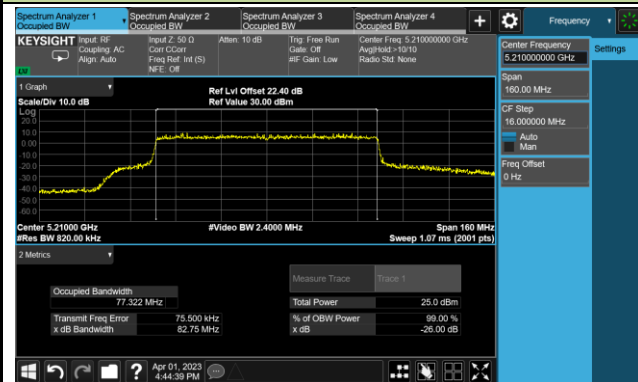
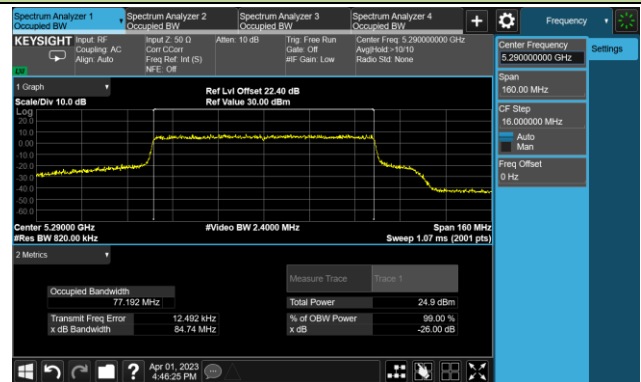


802.11ax-HE80 26dB Bandwidth

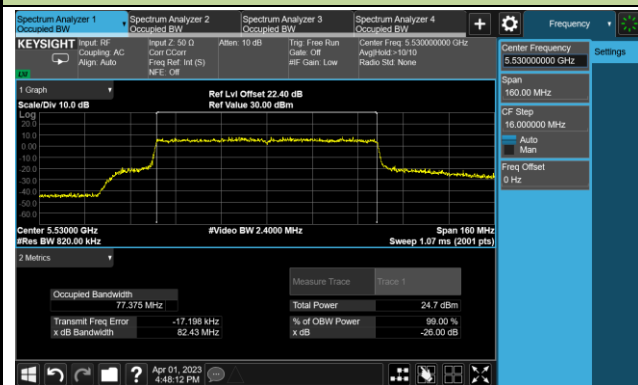
Channel 42 (5210MHz)



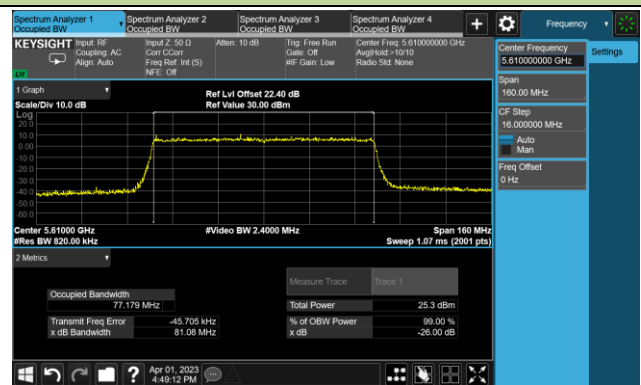
Channel 58 (5290MHz)



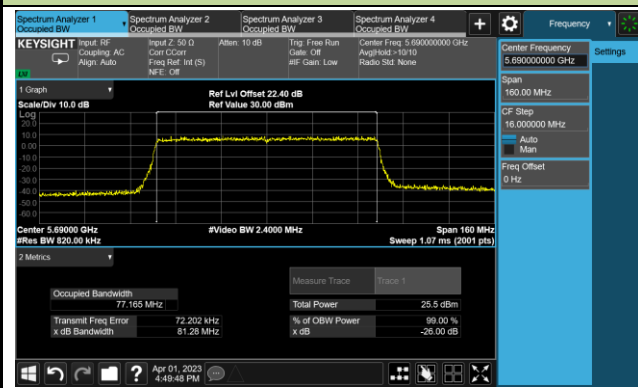
Channel 106 (5530MHz)



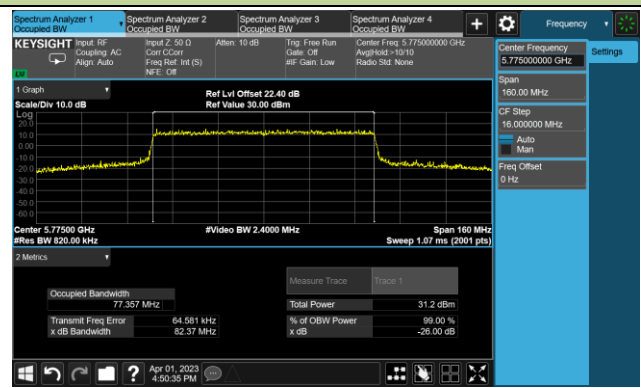
Channel 122 (5610MHz)

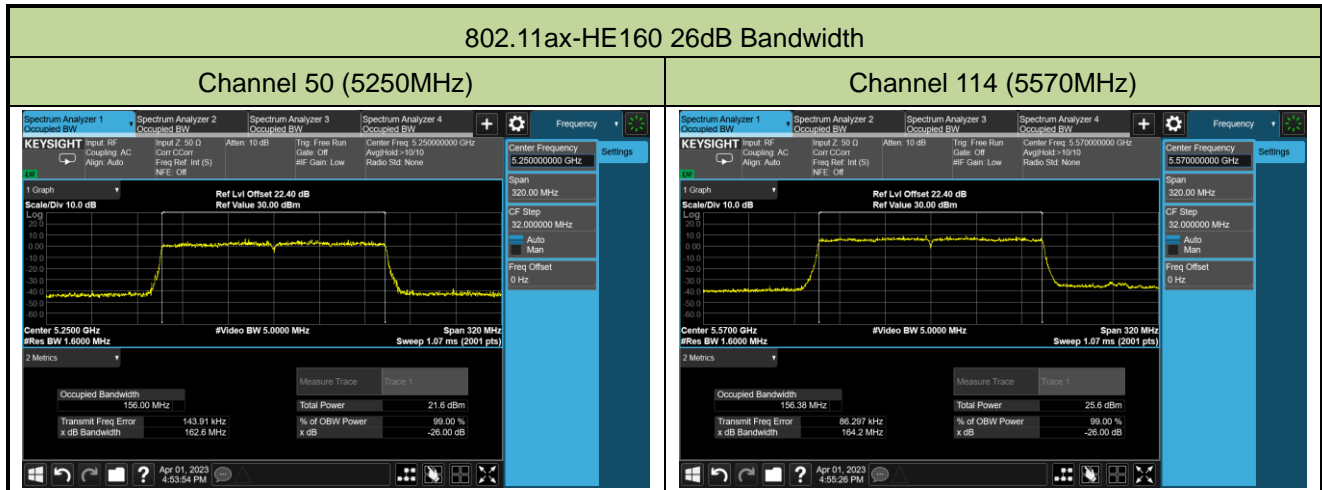


Channel 138 (5690MHz)



Channel 155 (5775MHz)





Test Site	WZ-TR3	Test Engineer	Lynn Yang
Test Date	2023-05-15	Test Mode	SISO Mode

Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	6Mbps	36	5180	31.08	17.580
11a	6Mbps	44	5220	35.67	17.961
11a	6Mbps	48	5240	35.27	17.849
11a	6Mbps	52	5260	21.18	16.813
11a	6Mbps	60	5300	21.86	16.871
11a	6Mbps	64	5320	21.88	16.953
11a	6Mbps	100	5500	22.54	16.947
11a	6Mbps	116	5580	21.25	16.811
11a	6Mbps	140	5700	21.41	16.830
11a	6Mbps	144	5720	21.41	16.792
11a	6Mbps	149	5745	17.154	24.09
11a	6Mbps	157	5785	17.955	34.79
11a	6Mbps	165	5825	17.655	35.53

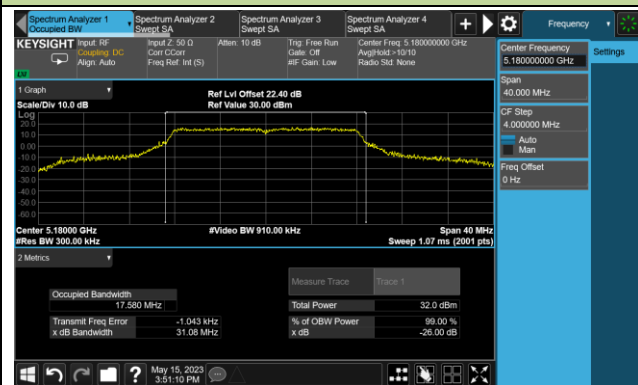
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	F _H (MHz)	Limit (MHz)
802.11a	6Mbps	48	5240	5248.92	< 5250

Note: $F_H = \text{Centre frequency} + 99\% \text{ OBW} / 2$.

For example, 802.11a 5240MHz, $F_H = 5240 \text{ MHz} + 17.849 \text{ MHz} / 2 = 5248.92 \text{ MHz}$.

802.11a 26dB Bandwidth

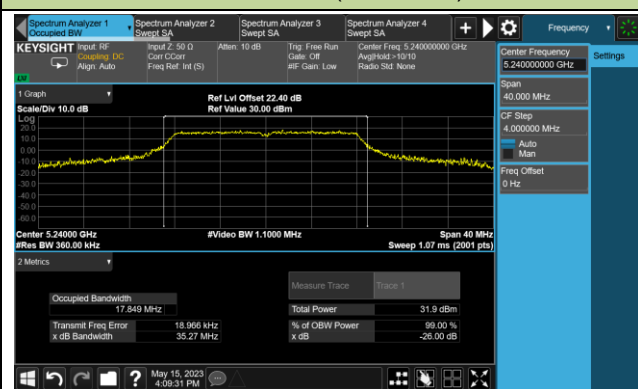
Channel 36 (5180MHz)



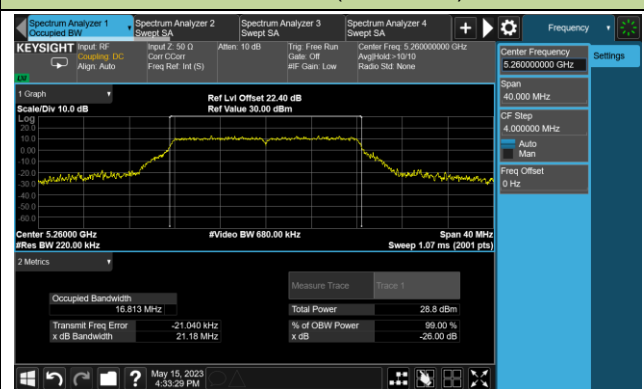
Channel 44 (5220MHz)



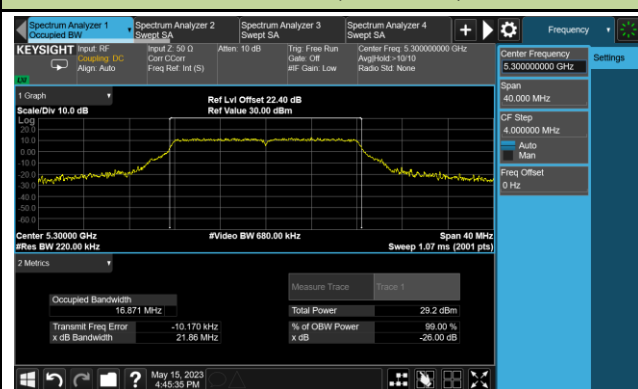
Channel 48 (5240MHz)



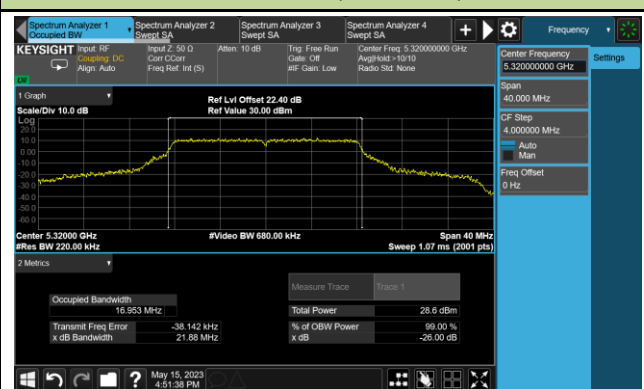
Channel 52 (5260MHz)

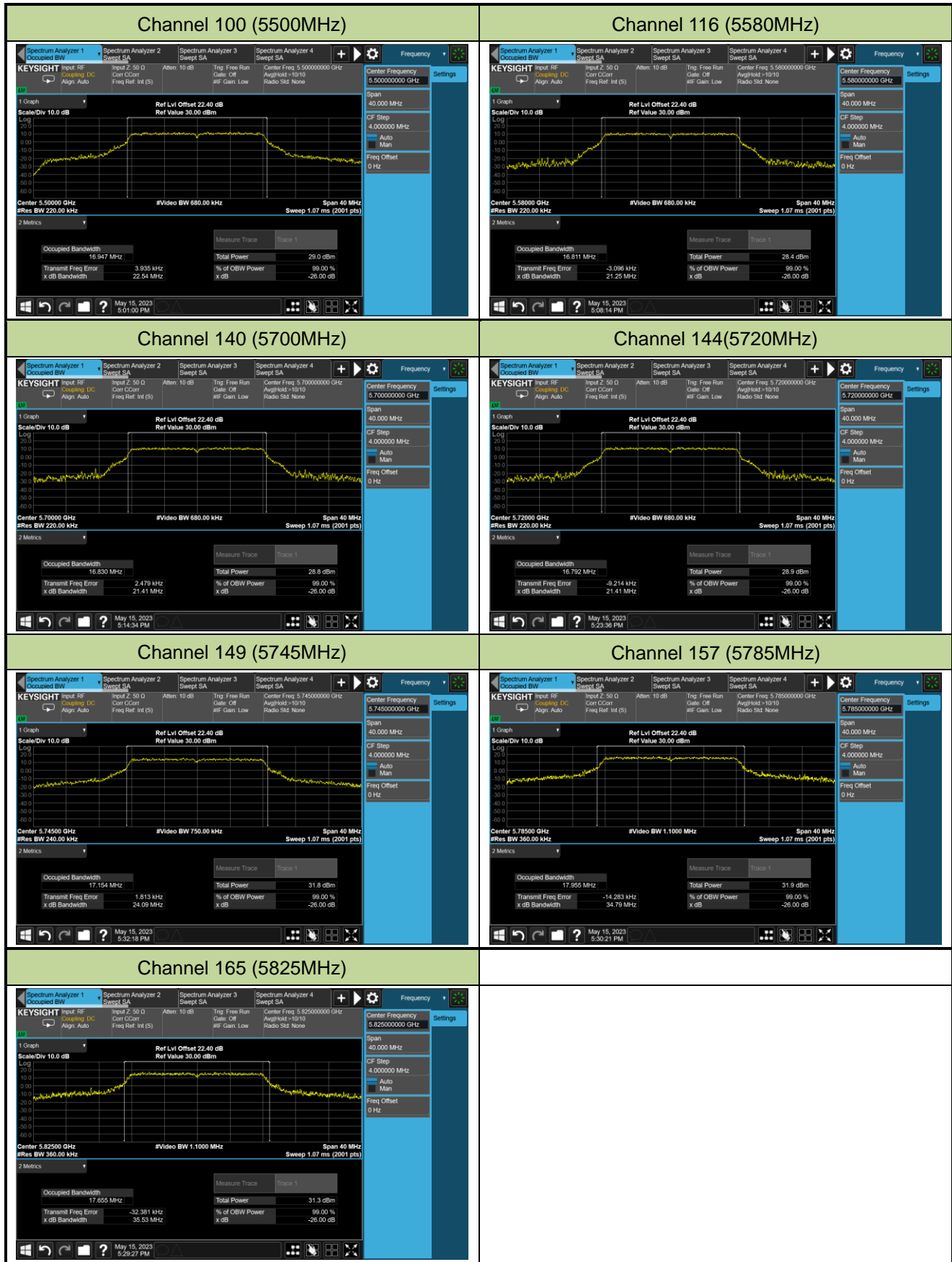


Channel 60 (5300MHz)



Channel 64 (5320MHz)





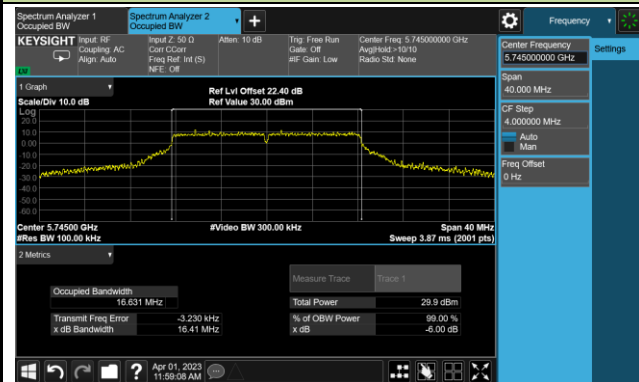
A.3 6dB Bandwidth Test Result

Test Site	WZ-TR3	Test Engineer	Lynn Yang
Test Date	2023-04-01	Test Mode	MIMO Mode

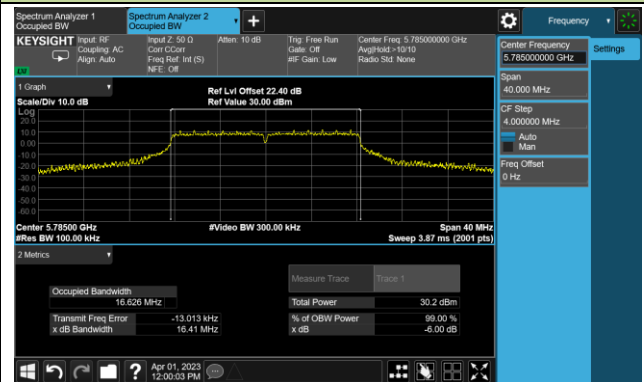
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11a	6Mbps	149	5745	16.41	≥0.5
11a	6Mbps	157	5785	16.41	≥0.5
11a	6Mbps	165	5825	16.39	≥0.5
11ac-VHT20	MCS0NSS1	149	5745	17.61	≥0.5
11ac-VHT20	MCS0NSS1	157	5785	17.63	≥0.5
11ac-VHT20	MCS0NSS1	165	5825	17.67	≥0.5
11ac-VHT40	MCS0NSS1	151	5755	36.38	≥0.5
11ac-VHT40	MCS0NSS1	159	5795	36.41	≥0.5
11ac-VHT80	MCS0NSS1	155	5775	76.28	≥0.5
11ax-HE20	HE0NSS1	149	5745	18.67	≥0.5
11ax-HE20	HE0NSS1	157	5785	18.96	≥0.5
11ax-HE20	HE0NSS1	165	5825	18.97	≥0.5
11ax-HE40	HE0NSS1	151	5755	37.83	≥0.5
11ax-HE40	HE0NSS1	159	5795	37.89	≥0.5
11ax-HE80	HE0NSS1	155	5775	77.51	≥0.5

802.11a 6dB Bandwidth

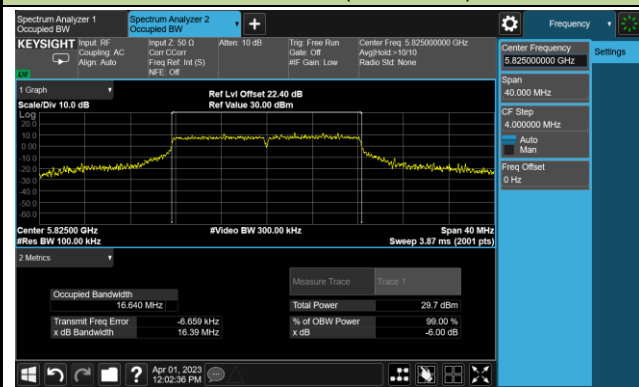
Channel 149 (5745MHz)



Channel 157 (5785MHz)

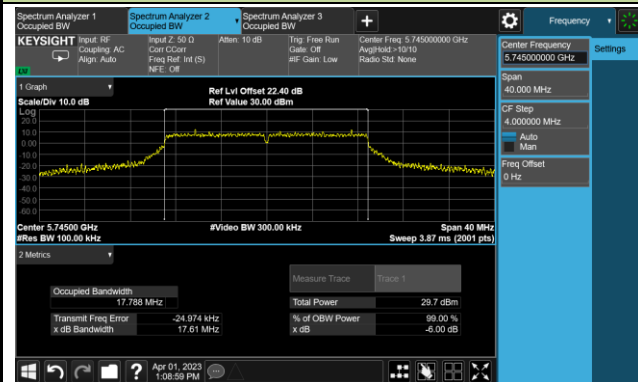


Channel 165 (5825MHz)

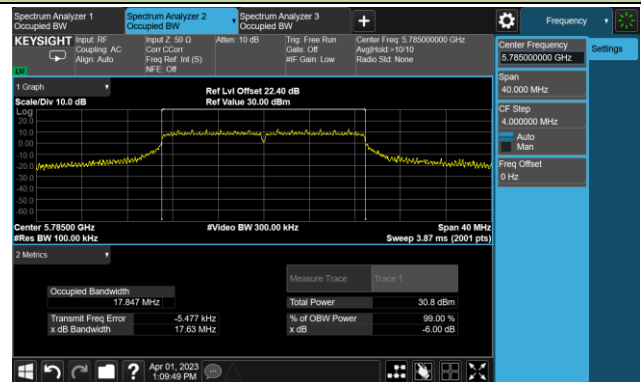


802.11ac-VHT20 6dB Bandwidth

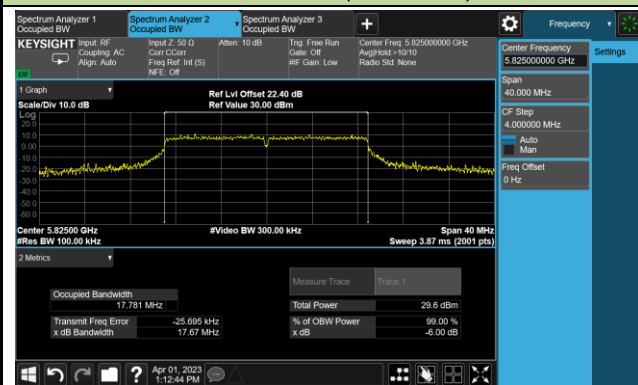
Channel 149 (5745MHz)



Channel 157 (5785MHz)

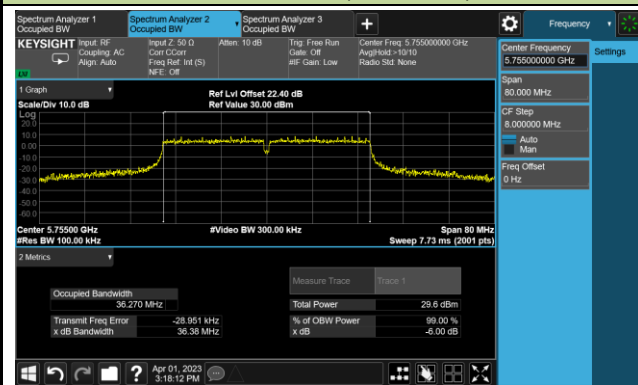


Channel 165 (5825MHz)

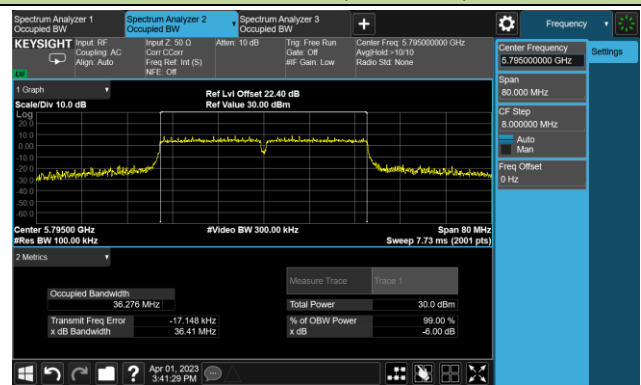


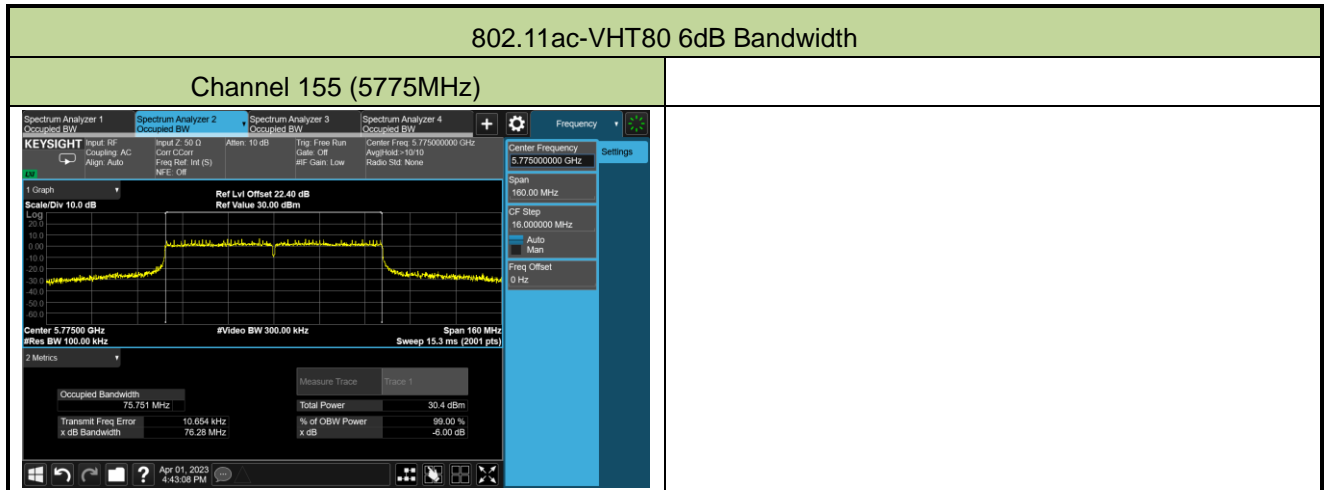
802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)



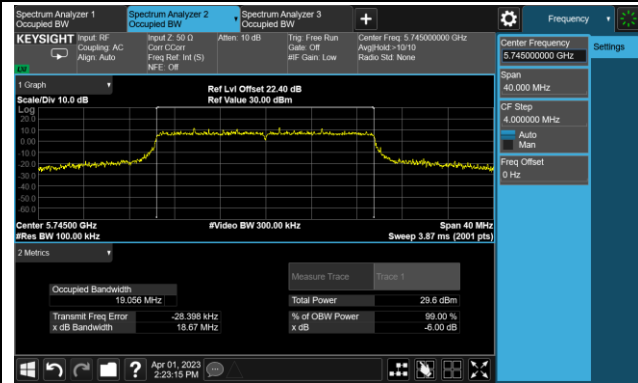
Channel 159 (5795MHz)



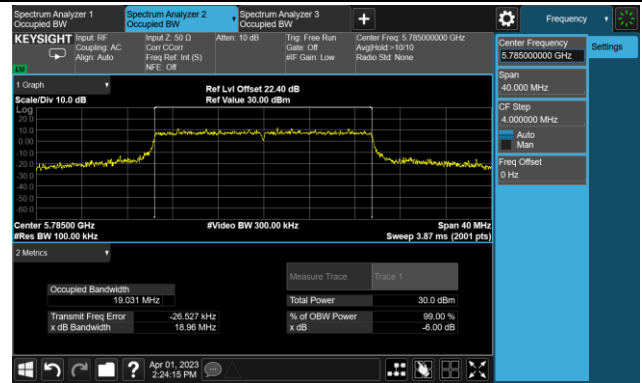


802.11ax-HE20 6dB Bandwidth

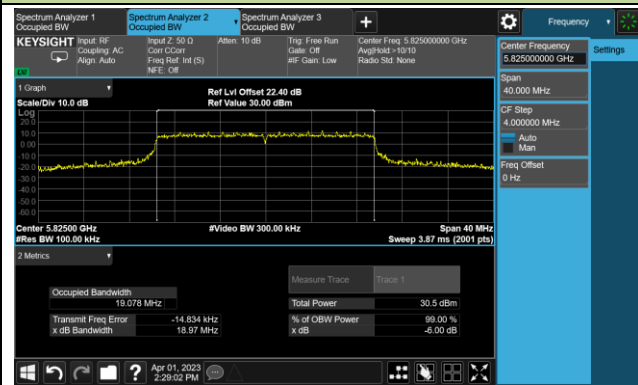
Channel 149 (5745MHz)



Channel 157 (5785MHz)

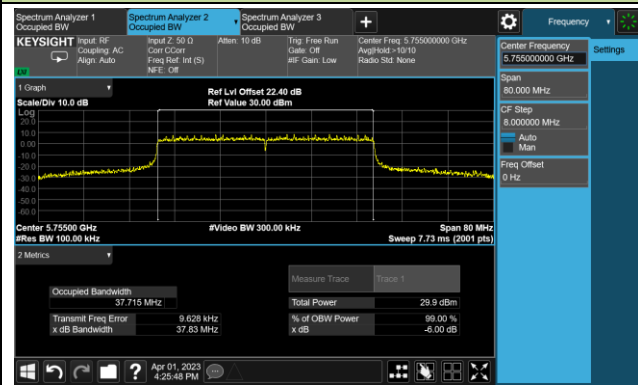


Channel 165 (5825MHz)

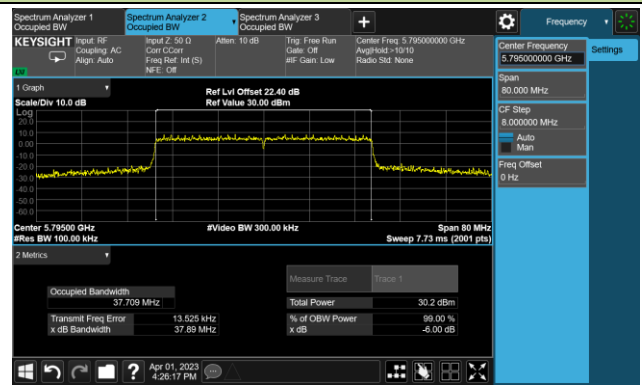


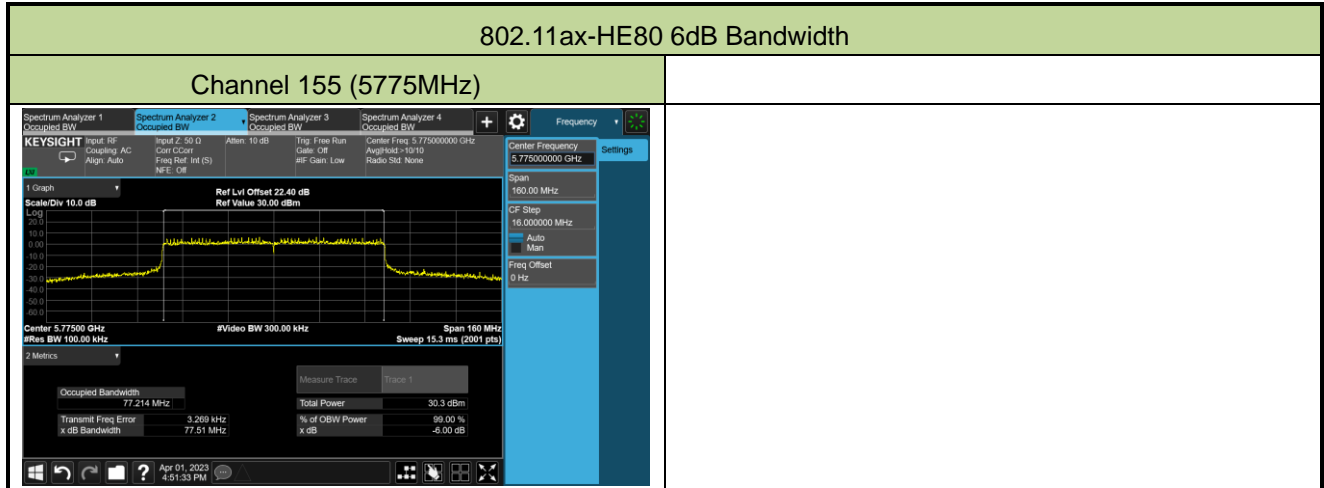
802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)



Channel 159 (5795MHz)





Test Site	WZ-TR3	Test Engineer	Lynn Yang
Test Date	2023-05-15	Test Mode	SISO Mode

Test Mode	Data Rate/MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11a	6Mbps	149	5745	16.37	≥0.5
11a	6Mbps	157	5785	16.39	≥0.5
11a	6Mbps	165	5825	16.40	≥0.5

802.11a 6dB Bandwidth

Channel 149 (5745MHz)	Channel 157 (5785MHz)
Channel 165 (5825MHz)	

A.4 Output Power Test Result

Test Site	WZ-TR3	Test Engineer	Lynn Yang
Test Date	2023-03-29 ~ 2023-03-31	Test Mode	MIMO Mode

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)				Total Average Power (dBm)	Average Power Limit (dBm)
				Ant 0	Ant 1	Ant 2	Ant 3		
11a	6Mbps	36	5180	21.01	20.05	19.82	20.42	26.37	≤ 30.00
11a	6Mbps	44	5220	21.45	20.25	19.72	20.18	26.47	≤ 30.00
11a	6Mbps	48	5240	21.25	20.15	19.56	20.26	26.37	≤ 30.00
11a	6Mbps	52	5260	15.51	14.35	14.25	14.73	20.76	≤ 23.98
11a	6Mbps	60	5300	15.12	13.98	13.76	14.28	20.34	≤ 23.98
11a	6Mbps	64	5320	14.90	14.02	13.53	14.15	20.20	≤ 23.98
11a	6Mbps	100	5500	14.95	13.45	13.59	13.68	19.98	≤ 23.98
11a	6Mbps	116	5580	14.71	13.23	13.41	13.35	19.74	≤ 23.98
11a	6Mbps	140	5700	14.35	13.05	13.02	13.52	19.54	≤ 23.98
11a	6Mbps	144	5720	14.03	13.05	13.02	13.23	19.37	≤ 22.95
11a	6Mbps	149	5745	24.11	22.93	23.46	23.31	29.49	≤ 30.00
11a	6Mbps	157	5785	24.08	23.07	23.30	23.29	29.47	≤ 30.00
11a	6Mbps	165	5825	24.42	23.45	23.61	23.56	29.80	≤ 30.00
11ac-VHT20	MCS0	36	5180	21.18	20.02	19.65	20.20	26.32	≤ 30.00
11ac-VHT20	MCS0	44	5220	21.59	20.39	20.05	20.69	26.74	≤ 30.00
11ac-VHT20	MCS0	48	5240	21.35	20.32	19.82	20.35	26.52	≤ 30.00
11ac-VHT20	MCS0	52	5260	15.01	14.08	13.82	14.43	20.38	≤ 23.98
11ac-VHT20	MCS0	60	5300	15.02	14.12	13.65	14.28	20.32	≤ 23.98
11ac-VHT20	MCS0	64	5320	14.83	14.19	13.45	14.05	20.18	≤ 23.98
11ac-VHT20	MCS0	100	5500	14.25	13.02	13.28	13.49	19.56	≤ 23.98
11ac-VHT20	MCS0	116	5580	14.72	13.42	13.69	13.86	19.97	≤ 23.98
11ac-VHT20	MCS0	140	5700	14.52	13.51	13.52	13.89	19.90	≤ 23.98
11ac-VHT20	MCS0	144	5720	14.65	13.55	13.55	13.65	19.90	≤ 22.96
11ac-VHT20	MCS0	149	5745	24.05	23.52	23.69	23.58	29.74	≤ 30.00
11ac-VHT20	MCS0	157	5785	24.51	23.35	23.90	23.56	29.87	≤ 30.00
11ac-VHT20	MCS0	165	5825	24.23	23.30	23.35	23.65	29.67	≤ 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	Ant 2	Ant 3		
11ac-VHT40	MCS0	38	5190	19.95	18.81	18.90	19.15	25.25	≤ 30.00
11ac-VHT40	MCS0	46	5230	24.45	23.35	23.22	23.80	29.75	≤ 30.00
11ac-VHT40	MCS0	54	5270	18.23	17.33	17.35	17.73	23.70	≤ 23.98
11ac-VHT40	MCS0	62	5310	17.99	16.92	17.01	17.38	23.37	≤ 23.98
11ac-VHT40	MCS0	102	5510	17.62	16.05	16.25	16.66	22.71	≤ 23.98
11ac-VHT40	MCS0	110	5550	17.82	16.22	16.56	16.79	22.91	≤ 23.98
11ac-VHT40	MCS0	134	5670	17.45	16.02	16.43	16.69	22.70	≤ 23.98
11ac-VHT40	MCS0	142	5710	17.39	16.08	16.39	16.56	22.65	≤ 23.98
11ac-VHT40	MCS0	151	5755	24.22	22.59	23.21	23.31	29.39	≤ 30.00
11ac-VHT40	MCS0	159	5795	24.72	22.98	23.30	23.51	29.70	≤ 30.00
11ac-VHT80	MCS0	42	5210	19.55	18.23	17.96	18.15	24.54	≤ 30.00
11ac-VHT80	MCS0	58	5290	17.55	16.33	16.28	16.53	22.72	≤ 23.98
11ac-VHT80	MCS0	106	5530	18.30	16.66	16.72	17.23	23.30	≤ 23.98
11ac-VHT80	MCS0	122	5610	18.62	17.18	17.50	17.37	23.73	≤ 23.98
11ac-VHT80	MCS0	138	5690	18.51	16.88	17.30	17.30	23.56	≤ 23.98
11ac-VHT80	MCS0	155	5775	24.23	22.82	23.09	23.25	29.40	≤ 30.00
11ac-VHT160	MCS0	50	5250	15.25	14.43	14.26	14.61	20.67	≤ 23.98
11ac-VHT160	MCS0	114	5570	17.10	15.91	15.92	16.45	22.39	≤ 23.98
11ax-HE20	HE0	36	5180	21.39	20.16	20.13	20.52	26.60	≤ 30.00
11ax-HE20	HE0	44	5220	21.98	20.68	20.53	21.11	27.13	≤ 30.00
11ax-HE20	HE0	48	5240	21.79	20.68	20.46	21.03	27.04	≤ 30.00
11ax-HE20	HE0	52	5260	15.83	14.68	14.56	15.21	21.12	≤ 23.98
11ax-HE20	HE0	60	5300	15.59	14.56	14.43	15.03	20.95	≤ 23.98
11ax-HE20	HE0	64	5320	14.95	14.02	13.75	14.42	20.33	≤ 23.98
11ax-HE20	HE0	100	5500	14.63	13.30	13.35	13.95	19.86	≤ 23.98
11ax-HE20	HE0	116	5580	14.86	13.31	13.36	14.03	19.96	≤ 23.98
11ax-HE20	HE0	140	5700	14.82	13.68	13.56	14.04	20.07	≤ 23.98
11ax-HE20	HE0	144	5720	14.72	13.62	13.52	13.87	19.98	≤ 23.03
11ax-HE20	HE0	149	5745	24.45	23.26	23.66	23.60	29.79	≤ 30.00
11ax-HE20	HE0	157	5785	24.32	23.40	23.79	23.60	29.81	≤ 30.00
11ax-HE20	HE0	165	5825	24.15	22.93	23.20	23.15	29.40	≤ 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	Ant 2	Ant 3		
11ax-HE40	HE0	38	5190	19.00	18.06	17.76	18.35	24.34	≤ 30.00
11ax-HE40	HE0	46	5230	24.38	23.43	23.05	23.70	29.69	≤ 30.00
11ax-HE40	HE0	54	5270	17.72	16.55	16.49	16.95	22.98	≤ 23.98
11ax-HE40	HE0	62	5310	17.88	16.98	16.81	17.42	23.31	≤ 23.98
11ax-HE40	HE0	102	5510	17.55	16.05	16.35	16.69	22.72	≤ 23.98
11ax-HE40	HE0	110	5550	17.52	16.16	16.36	16.93	22.80	≤ 23.98
11ax-HE40	HE0	134	5670	17.20	16.02	15.96	16.42	22.45	≤ 23.98
11ax-HE40	HE0	142	5710	17.43	16.25	16.32	16.70	22.72	≤ 23.98
11ax-HE40	HE0	151	5755	24.21	22.29	22.91	23.15	29.22	≤ 30.00
11ax-HE40	HE0	159	5795	24.23	22.62	23.00	23.16	29.32	≤ 30.00
11ax-HE80	HE0	42	5210	18.85	17.50	17.46	17.82	23.97	≤ 30.00
11ax-HE80	HE0	58	5290	17.23	16.05	16.05	16.37	22.47	≤ 23.98
11ax-HE80	HE0	106	5530	18.28	16.62	16.75	17.12	23.26	≤ 23.98
11ax-HE80	HE0	122	5610	18.72	16.95	17.32	17.37	23.67	≤ 23.98
11ax-HE80	HE0	138	5690	18.52	16.86	17.34	17.30	23.57	≤ 23.98
11ax-HE80	HE0	155	5775	24.38	22.81	23.30	23.31	29.51	≤ 30.00
11ax-HE160	HE0	50	5250	15.02	14.03	13.95	14.26	20.36	≤ 23.98
11ax-HE160	HE0	114	5570	17.22	16.02	15.95	16.50	22.47	≤ 23.98

Note 1: Total Average Power (dBm) = $10 \cdot \log \{ 10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)} + 10^{(\text{Ant 3 Average Power} / 10)} \}$ (dBm).

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

Test Site	WZ-TR3	Test Engineer	Lynn Yang
Test Date	2023-05-15	Test Mode	SISO Mode

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Total Average Power (dBm)	Average Power Limit (dBm)
11a	6Mbps	36	5180	23.78	≤ 30.00
11a	6Mbps	44	5220	24.59	≤ 30.00
11a	6Mbps	48	5240	24.87	≤ 30.00
11a	6Mbps	52	5260	22.72	≤ 23.98
11a	6Mbps	60	5300	22.81	≤ 23.98
11a	6Mbps	64	5320	22.70	≤ 23.98
11a	6Mbps	100	5500	22.73	≤ 23.98
11a	6Mbps	116	5580	22.31	≤ 23.98
11a	6Mbps	140	5700	18.92	≤ 23.98
11a	6Mbps	144	5720	22.57	≤ 22.96
11a	6Mbps	149	5745	25.60	≤ 30.00
11a	6Mbps	157	5785	26.02	≤ 30.00
11a	6Mbps	165	5825	26.07	≤ 30.00

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

A.5 Power Spectral Density Test Result

Test Site	WZ-TR3	Test Engineer	Lynn Yang
Test Date	2023-03-29 ~ 2023-03-30	Test Mode	MIMO Mode
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)	PSD Limit (dBm/M Hz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11a	6Mbps	36	5180	9.094	8.135	7.904	8.494	95.07	14.670	14.96
11a	6Mbps	44	5220	9.112	7.997	7.715	8.305	95.07	14.555	14.96
11a	6Mbps	48	5240	9.156	8.024	7.833	8.271	95.07	14.592	14.96
11a	6Mbps	52	5260	3.268	2.198	2.099	2.666	95.07	8.823	9.02
11a	6Mbps	60	5300	3.190	2.038	2.083	2.696	95.07	8.768	9.02
11a	6Mbps	64	5320	3.064	2.038	1.876	2.466	95.07	8.626	9.02
11a	6Mbps	100	5500	2.887	1.049	1.439	1.615	95.07	8.045	8.23
11a	6Mbps	116	5580	2.550	1.036	1.354	1.719	95.07	7.943	8.23
11a	6Mbps	140	5700	2.352	1.201	1.256	1.790	95.07	7.915	8.23
11a	6Mbps	144	5720	2.159	1.162	0.971	1.684	95.07	7.759	8.23
11ac-VHT20	MCS0	36	5180	9.056	7.856	7.690	8.190	98.62	14.252	14.96
11ac-VHT20	MCS0	44	5220	9.219	8.082	7.885	8.432	98.62	14.456	14.96
11ac-VHT20	MCS0	48	5240	9.262	7.963	7.903	8.444	98.62	14.449	14.96
11ac-VHT20	MCS0	52	5260	2.991	1.690	1.740	2.481	98.62	8.280	9.02
11ac-VHT20	MCS0	60	5300	3.192	2.024	1.813	2.438	98.62	8.420	9.02
11ac-VHT20	MCS0	64	5320	2.914	1.909	1.643	2.328	98.62	8.246	9.02
11ac-VHT20	MCS0	100	5500	2.564	0.940	1.066	1.455	98.62	7.576	8.23
11ac-VHT20	MCS0	116	5580	2.754	1.284	1.480	1.771	98.62	7.881	8.23
11ac-VHT20	MCS0	140	5700	2.495	1.504	1.570	1.836	98.62	7.890	8.23
11ac-VHT20	MCS0	144	5720	2.682	1.679	1.700	1.922	98.62	8.036	8.23
11ac-VHT40	MCS0	38	5190	4.769	3.766	3.401	4.020	97.18	10.163	14.96
11ac-VHT40	MCS0	46	5230	9.207	8.044	7.925	8.679	97.18	14.640	14.96
11ac-VHT40	MCS0	54	5270	3.440	2.360	2.288	2.701	97.18	8.867	9.02
11ac-VHT40	MCS0	62	5310	3.323	2.278	2.130	2.538	97.18	8.737	9.02
11ac-VHT40	MCS0	102	5510	2.778	1.402	1.505	1.905	97.18	8.077	8.23
11ac-VHT40	MCS0	110	5550	2.781	1.273	1.407	1.766	97.18	7.993	8.23
11ac-VHT40	MCS0	134	5670	2.579	1.167	1.452	1.781	97.18	7.922	8.23
11ac-VHT40	MCS0	142	5710	2.610	1.316	1.393	1.790	97.18	7.953	8.23

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ MHz)				Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/M Hz)
				Ant 0	Ant 1	Ant 2	Ant 3			
11ac-VHT80	MCS0	42	5210	1.208	-0.188	-0.259	0.045	94.10	6.528	14.96
11ac-VHT80	MCS0	58	5290	-0.185	-1.307	-1.527	-1.298	94.10	5.238	9.02
11ac-VHT80	MCS0	106	5530	0.369	-1.289	-1.389	-0.983	94.10	5.522	8.23
11ac-VHT80	MCS0	122	5610	0.593	-0.817	-0.403	-0.528	94.10	6.030	8.23
11ac-VHT80	MCS0	138	5690	0.621	-0.887	-0.531	-0.735	94.10	5.944	8.23
11ac-VHT160	MCS0	50	5250	-5.237	-6.134	-6.294	-6.042	90.37	0.553	9.02
11ac-VHT160	MCS0	114	5570	-3.633	-4.793	-4.766	-4.390	90.37	2.091	8.23
11ax-HE20	HE0	36	5180	9.341	8.232	7.659	8.298	98.46	14.446	14.96
11ax-HE20	HE0	44	5220	9.323	8.152	7.899	8.219	98.46	14.455	14.96
11ax-HE20	HE0	48	5240	9.328	8.123	7.890	8.517	98.46	14.520	14.96
11ax-HE20	HE0	52	5260	3.295	2.144	2.002	2.723	98.46	8.592	9.02
11ax-HE20	HE0	60	5300	3.175	2.319	2.066	2.752	98.46	8.619	9.02
11ax-HE20	HE0	64	5320	2.856	1.873	1.928	2.900	98.46	8.437	9.02
11ax-HE20	HE0	100	5500	2.751	1.053	1.320	1.888	98.46	7.823	8.23
11ax-HE20	HE0	116	5580	2.668	1.265	1.446	1.793	98.46	7.848	8.23
11ax-HE20	HE0	140	5700	2.550	1.529	1.594	1.861	98.46	7.923	8.23
11ax-HE20	HE0	144	5720	2.616	1.719	1.528	2.011	98.46	8.009	8.23
11ax-HE40	HE0	38	5190	4.006	2.939	2.655	3.018	96.58	9.357	14.96
11ax-HE40	HE0	46	5230	9.041	7.887	7.694	8.210	96.58	14.411	14.96
11ax-HE40	HE0	54	5270	3.174	1.963	2.211	3.269	96.58	8.864	9.02
11ax-HE40	HE0	62	5310	3.185	2.069	2.114	2.558	96.58	8.677	9.02
11ax-HE40	HE0	102	5510	2.752	1.202	1.417	1.960	96.58	8.047	8.23
11ax-HE40	HE0	110	5550	2.645	1.003	1.324	1.655	96.58	7.873	8.23
11ax-HE40	HE0	134	5670	2.522	1.229	1.293	1.616	96.58	7.868	8.23
11ax-HE40	HE0	142	5710	2.666	1.414	1.489	1.728	96.58	8.026	8.23
11ax-HE80	HE0	42	5210	0.555	-0.666	-0.980	-0.494	93.65	5.949	14.96
11ax-HE80	HE0	58	5290	-0.604	-1.663	-1.914	-1.635	93.65	4.882	9.02
11ax-HE80	HE0	106	5530	0.330	-1.475	-1.210	-1.023	93.65	5.520	8.23
11ax-HE80	HE0	122	5610	0.595	-1.125	-0.619	-0.756	93.65	5.879	8.23
11ax-HE80	HE0	138	5690	0.536	-1.040	-0.521	-0.709	93.65	5.913	8.23
11ax-HE160	HE0	50	5250	-5.432	-6.484	-6.395	-6.278	90.15	0.345	9.02
11ax-HE160	HE0	114	5570	-3.718	-4.948	-4.930	-4.253	90.15	2.039	8.23

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

$+10^{(\text{Ant 2 AVGPSD}/10)} + 10^{(\text{Ant 3 AVGPSD}/10)} + 10 \cdot \log(1/\text{Duty cycle})$ (dBm/MHz).

When EUT duty cycle $\geq 98\%$, the total PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)} + 10^{(\text{Ant 3 AVGPSD}/10)}\}$ (dBm/MHz).

Test Site	WZ-TR3	Test Engineer	Lynn Yang
Test Date	2023-03-30	Test Mode	MIMO Mode
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	Ant 2	Ant 3			
11a	6Mbps	149	5745	9.624	8.627	9.002	8.788	95.07	15.267	≤ 27.23
11a	6Mbps	157	5785	9.702	8.490	8.797	8.504	95.07	15.142	≤ 27.23
11a	6Mbps	165	5825	9.953	8.672	9.166	8.862	95.07	15.432	≤ 27.23
11ac-VHT20	MCS0	149	5745	9.687	8.608	8.986	8.878	98.62	15.079	≤ 27.23
11ac-VHT20	MCS0	157	5785	10.046	8.909	9.276	8.934	98.62	15.337	≤ 27.23
11ac-VHT20	MCS0	165	5825	9.663	8.594	8.985	8.760	98.62	15.041	≤ 27.23
11ac-VHT40	MCS0	151	5755	6.721	5.042	5.501	5.652	97.18	11.919	≤ 27.23
11ac-VHT40	MCS0	159	5795	7.150	5.485	5.998	5.969	97.18	12.340	≤ 27.23
11ac-VHT80	MCS0	155	5775	3.921	2.402	2.661	2.515	94.10	9.205	≤ 27.23
11ax-HE20	HE0	149	5745	9.437	8.324	8.605	8.428	98.46	14.742	≤ 27.23
11ax-HE20	HE0	157	5785	9.550	8.622	8.846	8.643	98.46	14.953	≤ 27.23
11ax-HE20	HE0	165	5825	9.549	8.440	8.659	8.496	98.46	14.830	≤ 27.23
11ax-HE40	HE0	151	5755	6.629	4.995	5.351	5.451	96.58	11.823	≤ 27.23
11ax-HE40	HE0	159	5795	6.612	5.170	5.327	5.642	96.58	11.897	≤ 27.23
11ax-HE80	HE0	155	5775	3.755	2.244	2.628	2.633	93.65	9.159	≤ 27.23

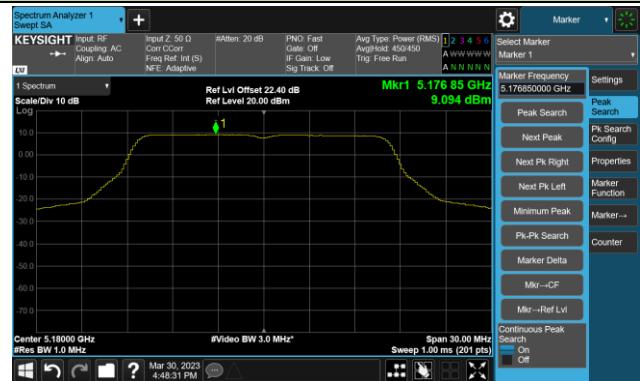
Note:

When EUT duty cycle < 98%, the total PSD (dBm/510kHz) = $10 \cdot \log \{ 10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)} + 10^{(\text{Ant 3 AVGPSD}/10)} \} + 10 \cdot \log (1/\text{Duty cycle})$ (dBm/510kHz).

When EUT duty cycle ≥ 98%, the total PSD (dBm/510kHz) = $10 \cdot \log \{ 10^{(\text{Ant 0 AVGPSD}/10)} + 10^{(\text{Ant 1 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)} + 10^{(\text{Ant 3 AVGPSD}/10)} \}$ (dBm/510kHz).

802.11a Power Spectral Density- Ant 0

Channel 36 (5180MHz)



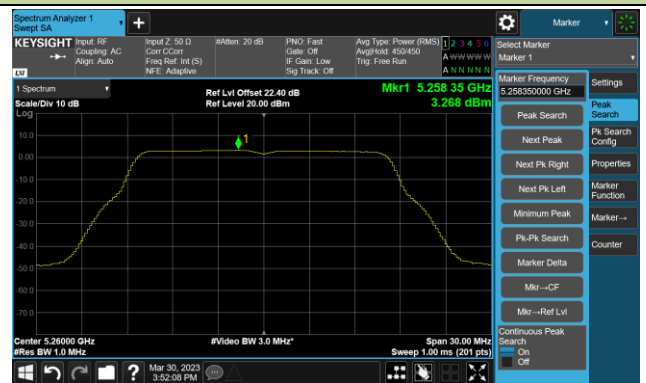
Channel 44 (5220MHz)



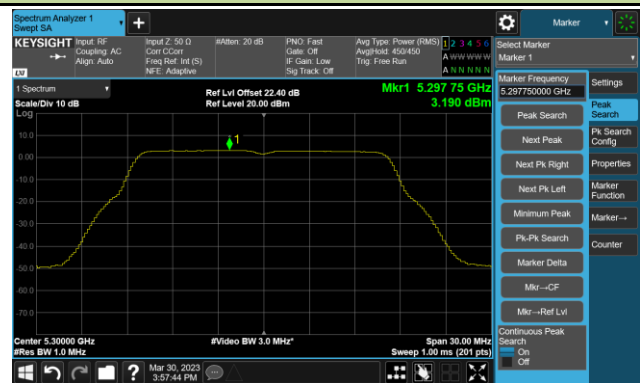
Channel 48 (5240MHz)



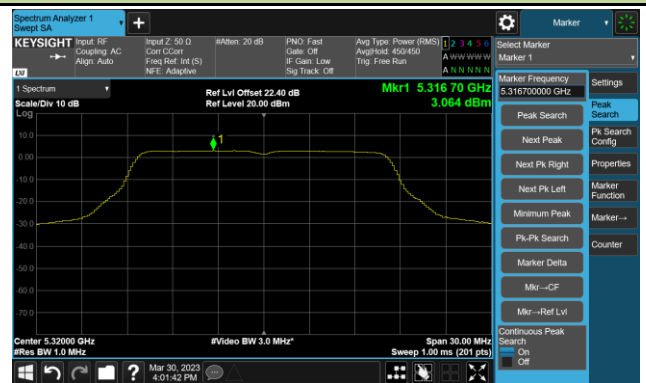
Channel 52 (5260MHz)

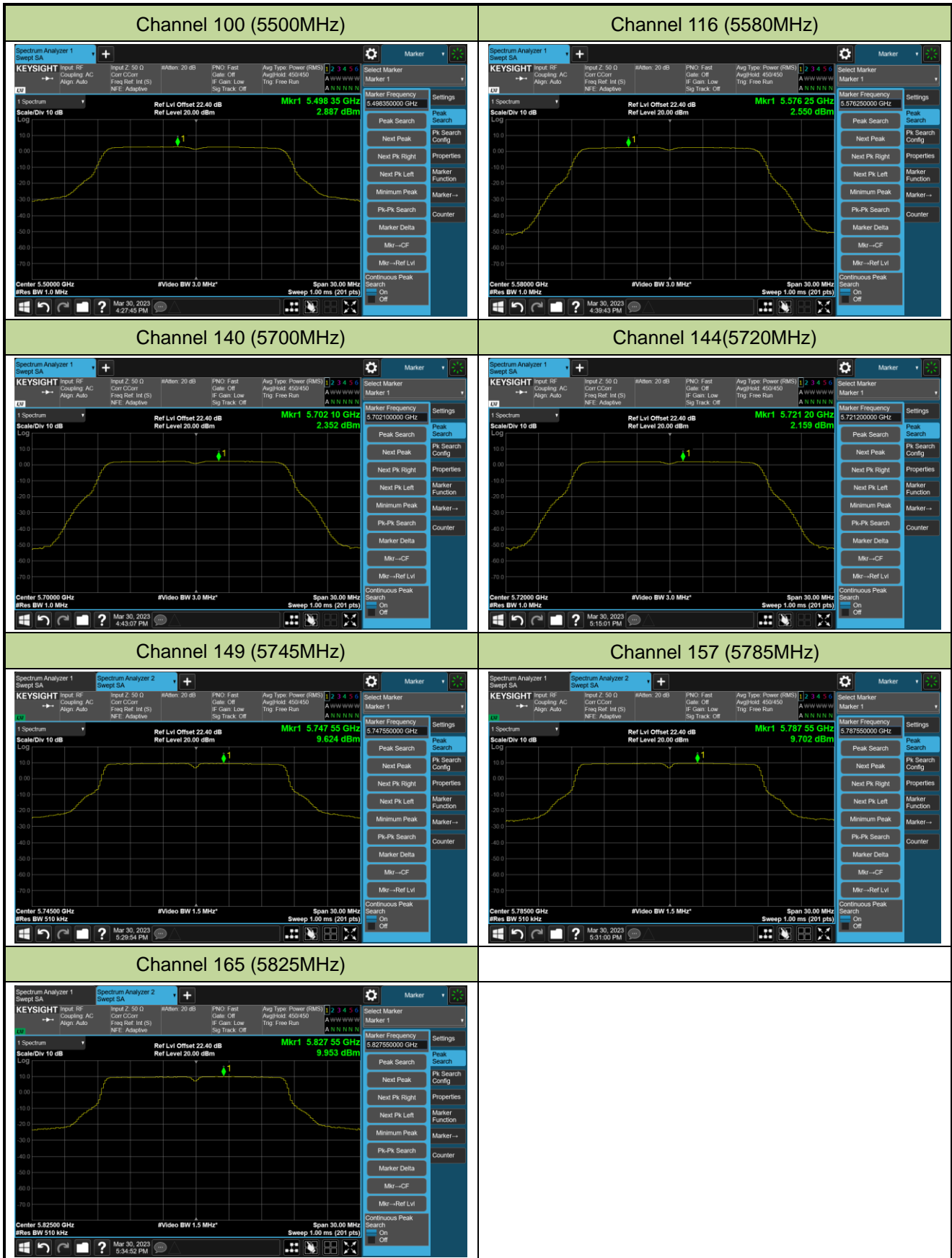


Channel 60 (5300MHz)



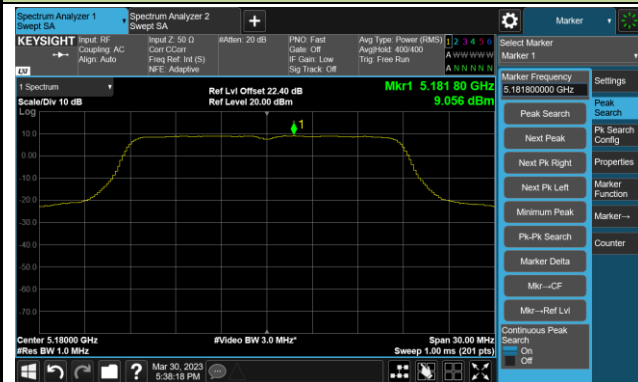
Channel 64 (5320MHz)



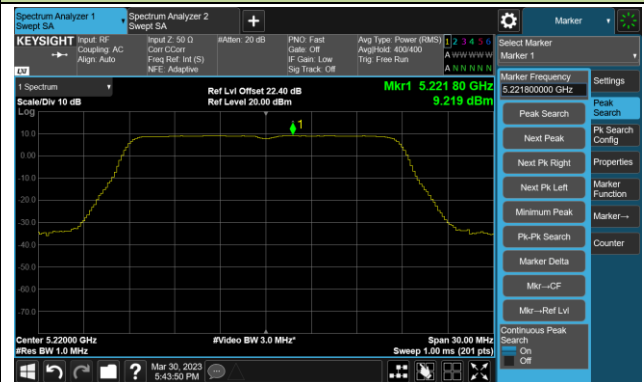


802.11ac-VHT20 Power Spectral Density- Ant 0

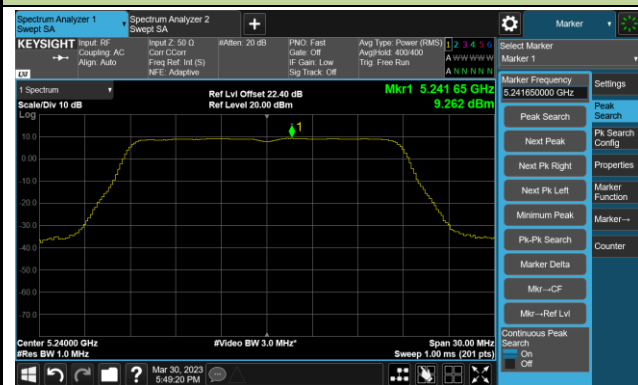
Channel 36 (5180MHz)



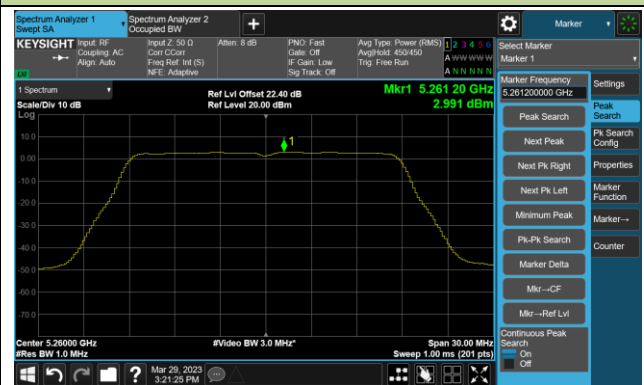
Channel 44 (5220MHz)



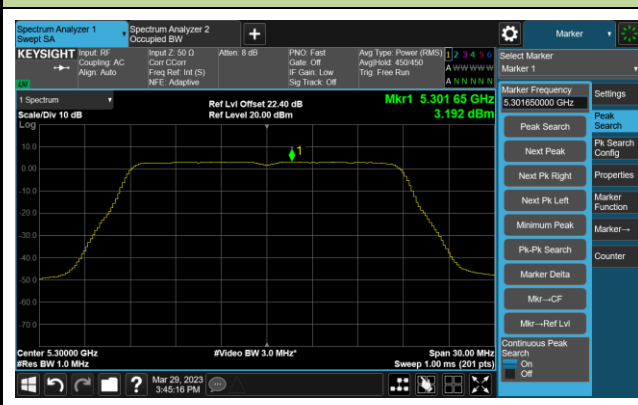
Channel 48 (5240MHz)



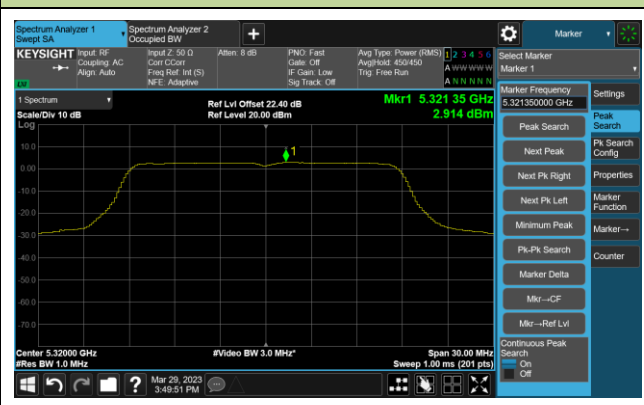
Channel 52 (5260MHz)



Channel 60 (5300MHz)

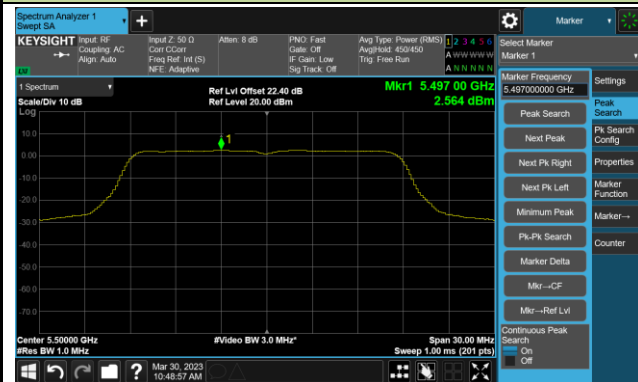


Channel 64 (5320MHz)



802.11ac-VHT20 Power Spectral Density- Ant 0

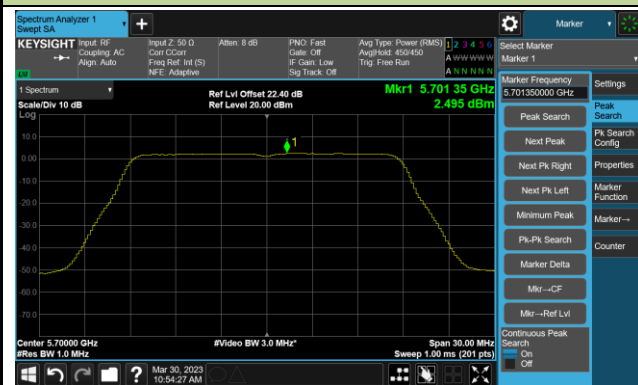
Channel 100 (5500MHz)



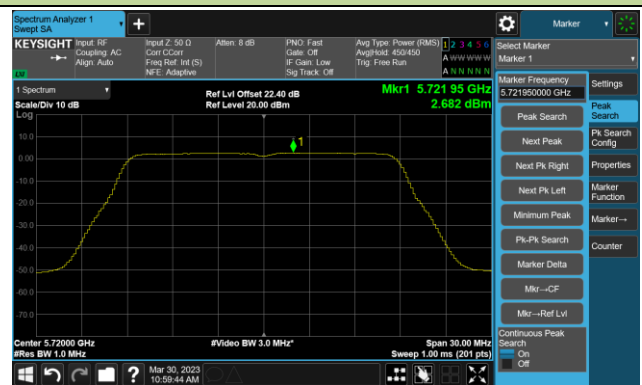
Channel 116 (5580MHz)



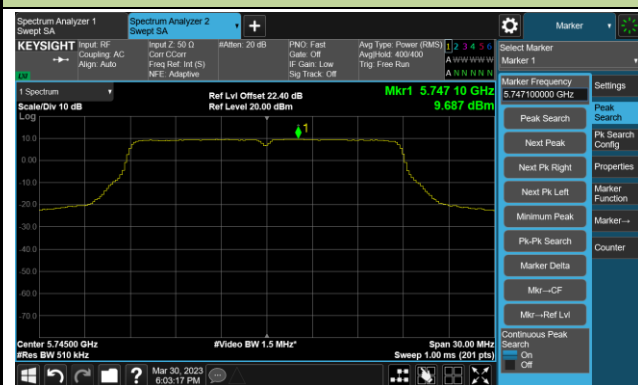
Channel 140 (5700MHz)



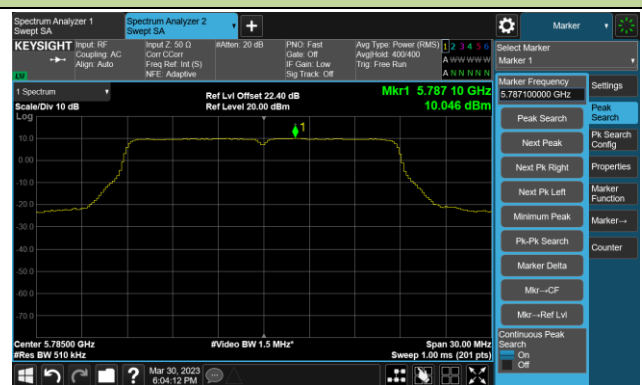
Channel 144(5720MHz)



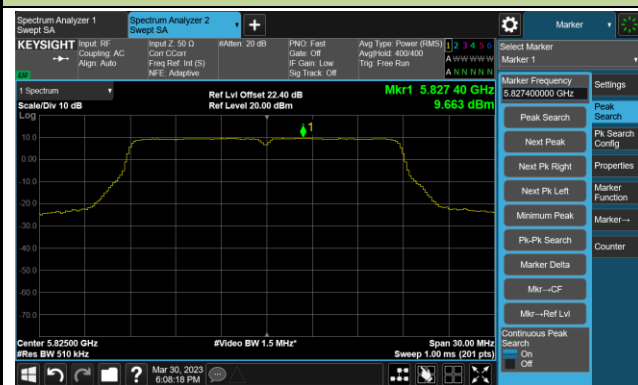
Channel 149 (5745MHz)



Channel 157 (5785MHz)

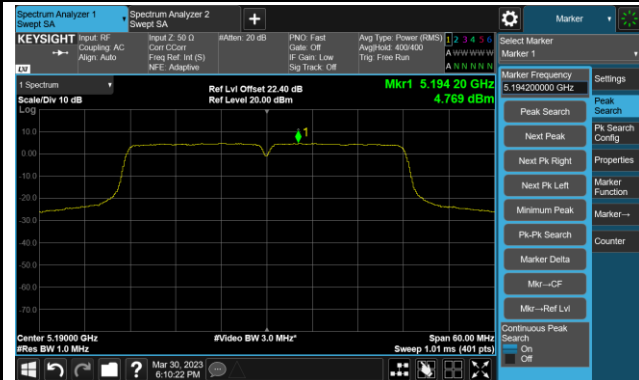


Channel 165 (5825MHz)

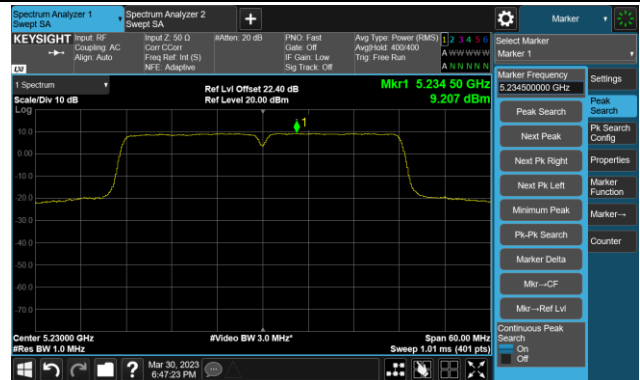


802.11ac-VHT40 Power Spectral Density- Ant 0

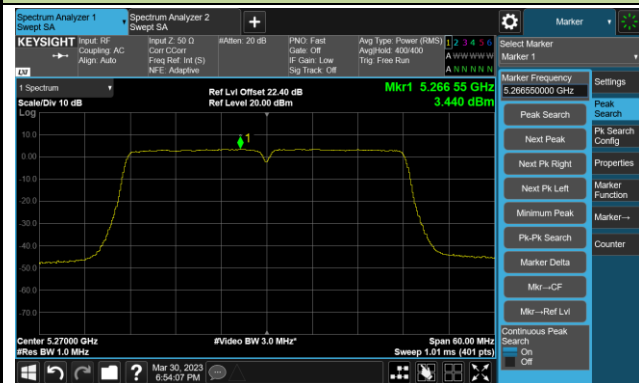
Channel 38 (5190MHz)



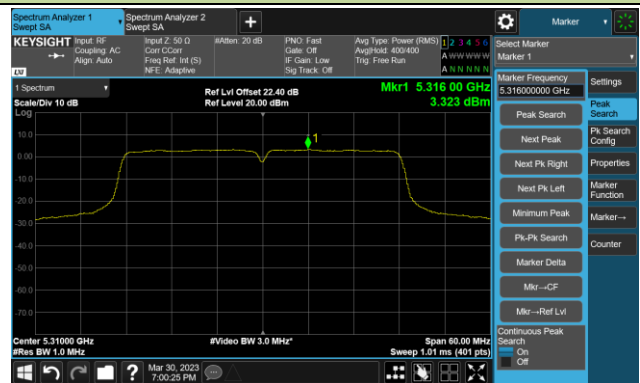
Channel 46 (5230MHz)



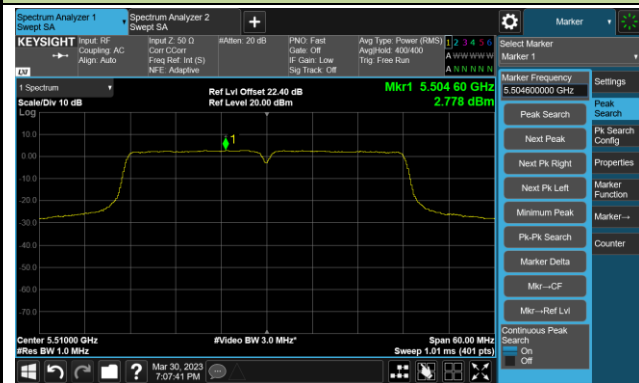
Channel 54 (5270MHz)



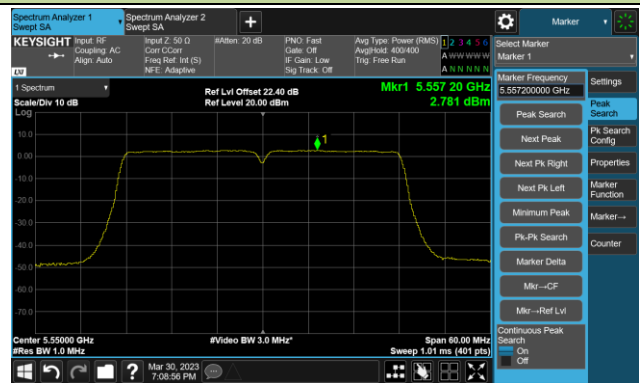
Channel 62 (5310MHz)



Channel 102 (5510MHz)



Channel 110 (5550MHz)

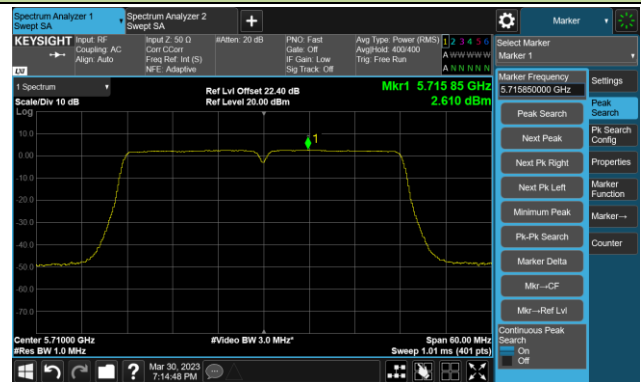


802.11ac-VHT40 Power Spectral Density- Ant 0

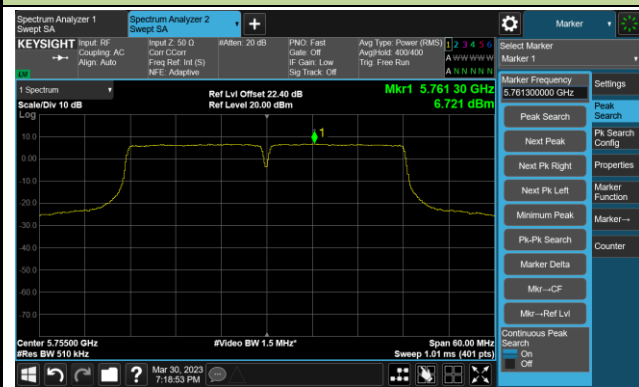
Channel 134 (5670MHz)



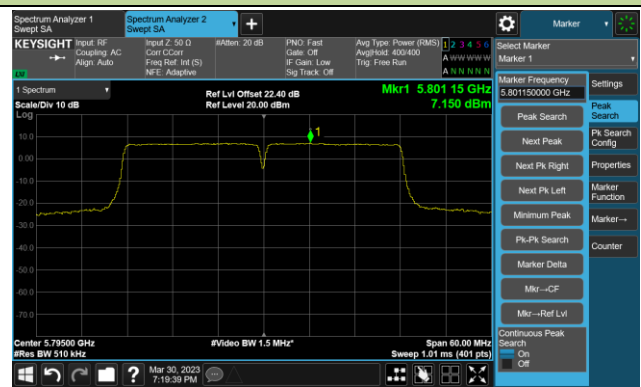
Channel 142(5710MHz)



Channel 151 (5755MHz)

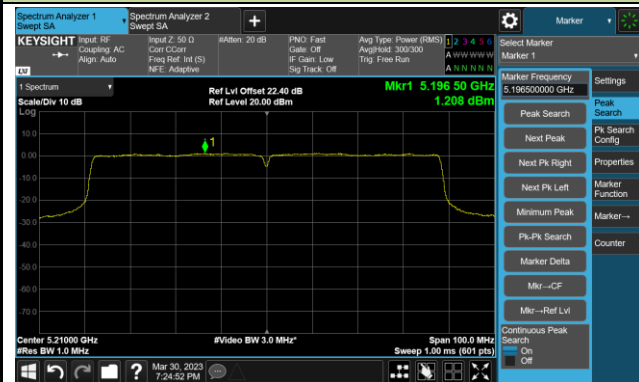


Channel 159 (5795MHz)

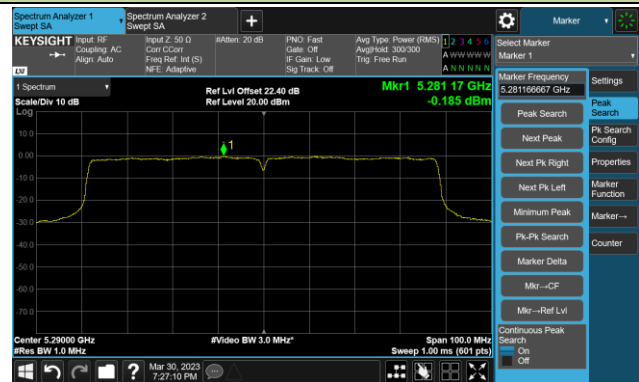


802.11ac-VHT80 Power Spectral Density- Ant 0

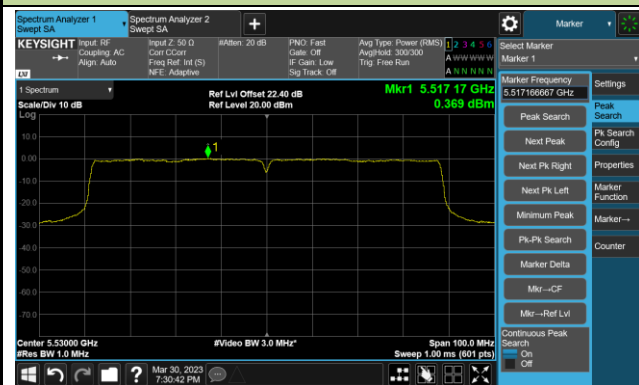
Channel 42 (5210MHz)



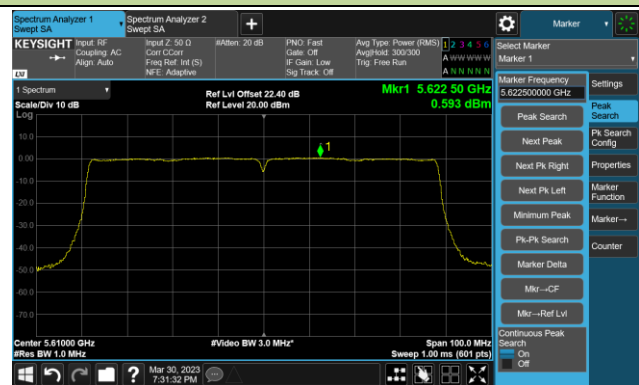
Channel 58 (5290MHz)



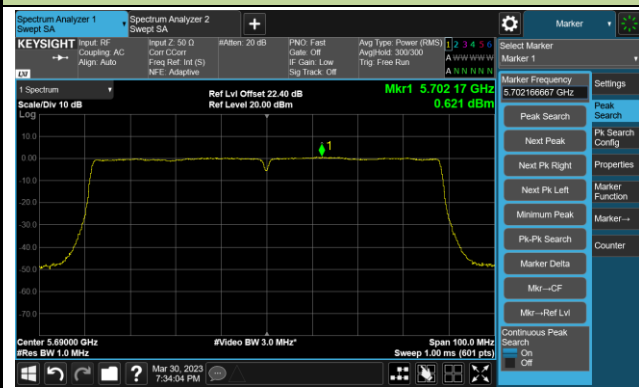
Channel 106 (5530MHz)



Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)

