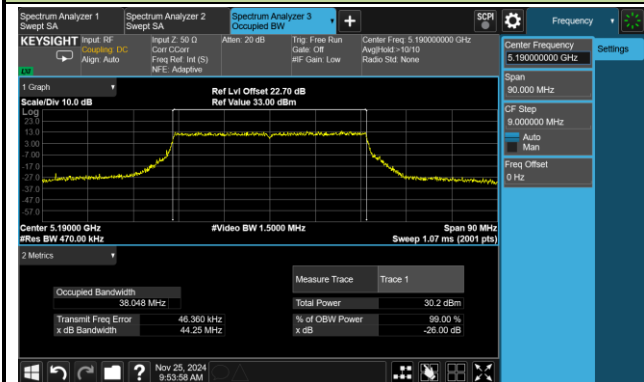
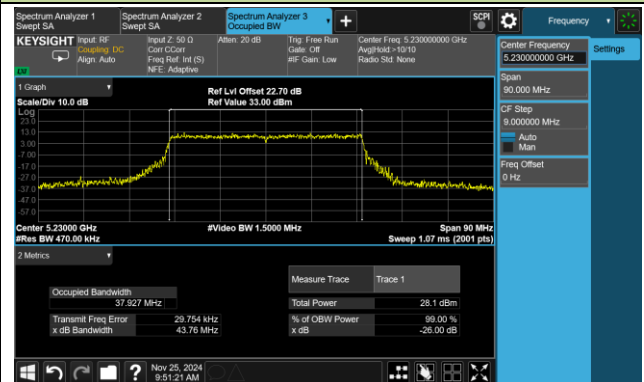


802.11ax-HE40 26dB Bandwidth

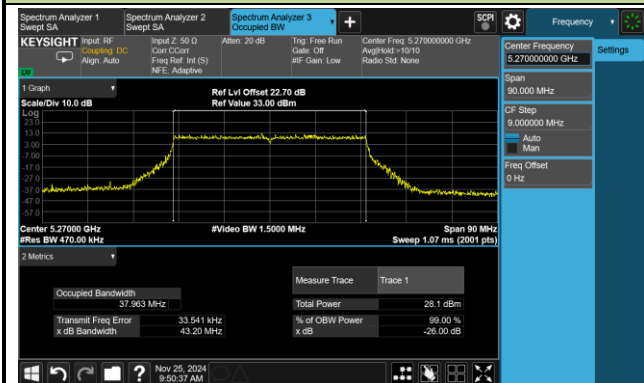
Channel 38 (5190MHz)



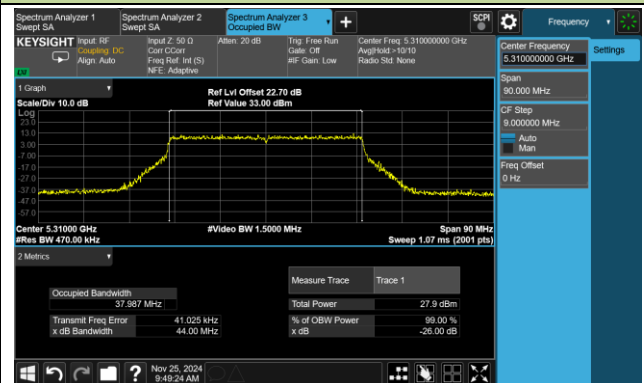
Channel 46 (5230MHz)



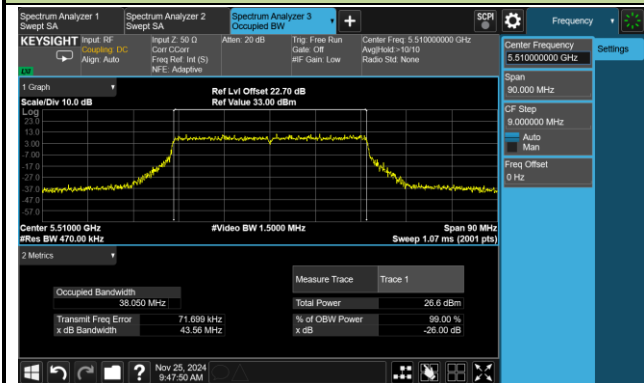
Channel 54 (5270MHz)



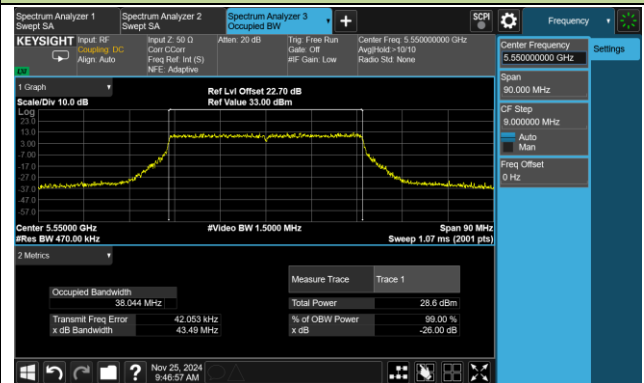
Channel 62 (5310MHz)



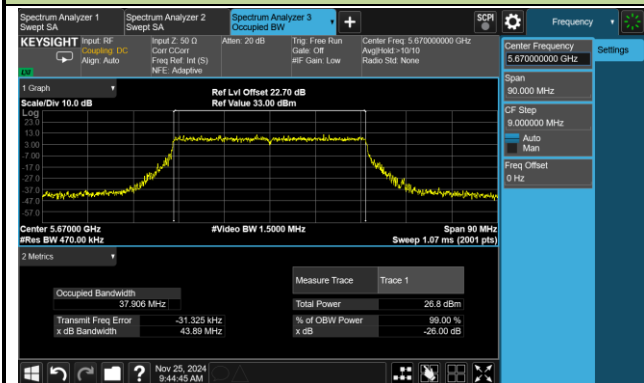
Channel 102 (5510MHz)



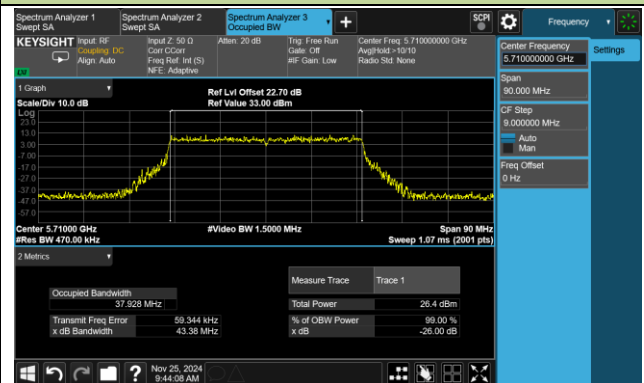
Channel 110 (5550MHz)

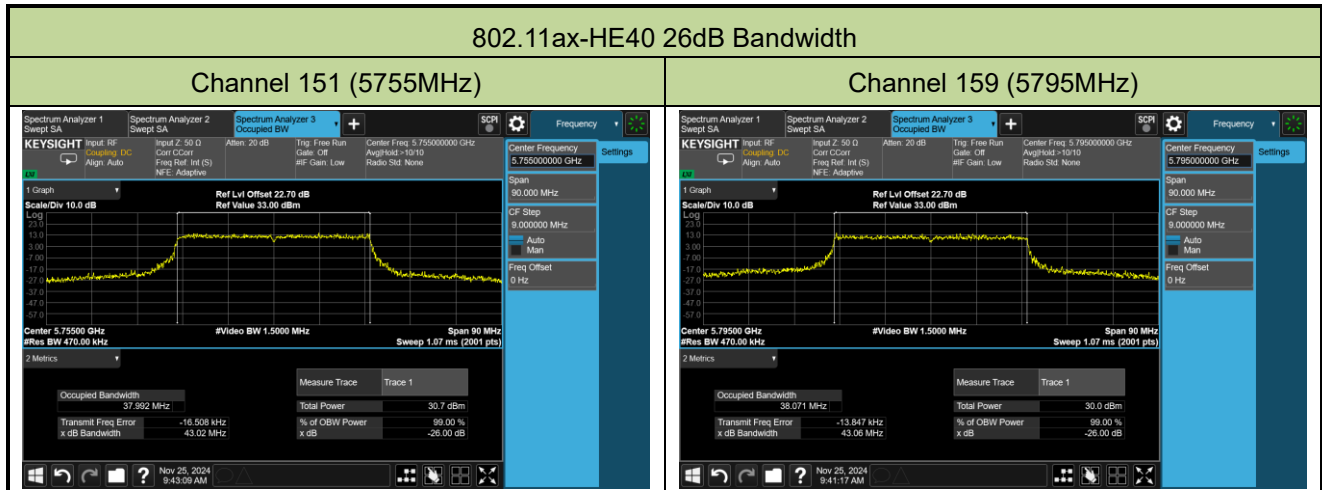


Channel 134 (5670MHz)



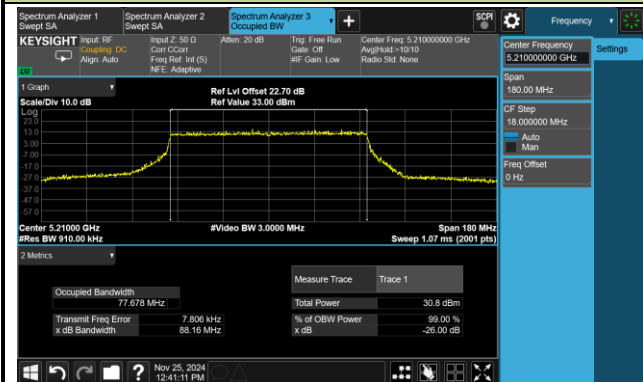
Channel 142(5710MHz)



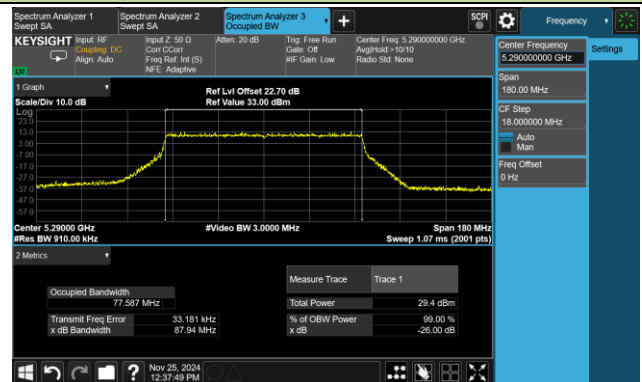


802.11ax-HE80 26dB Bandwidth & 99% Bandwidth

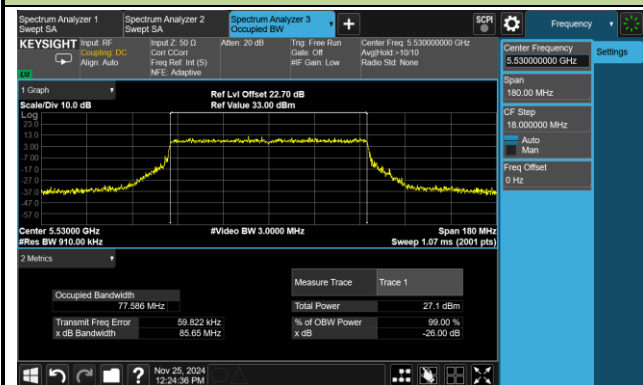
Channel 42 (5210MHz)



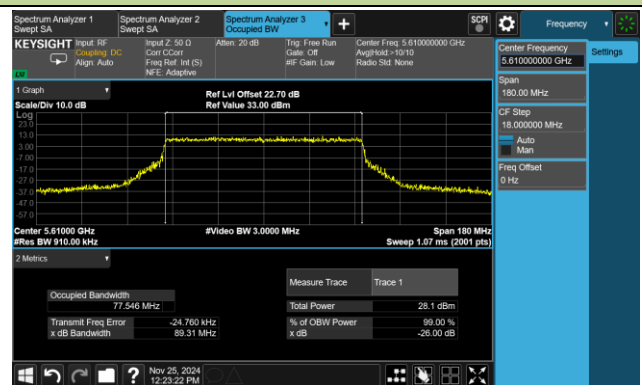
Channel 58 (5290MHz)



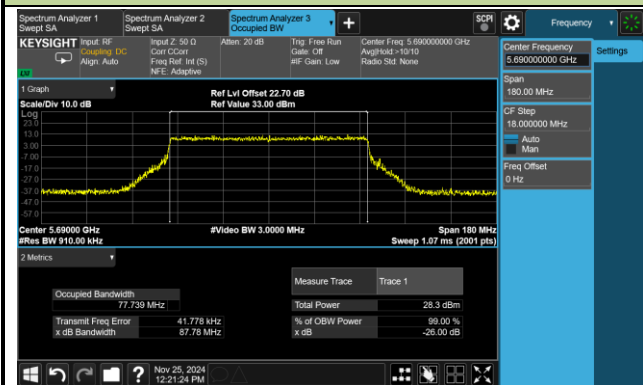
Channel 106 (5530MHz)



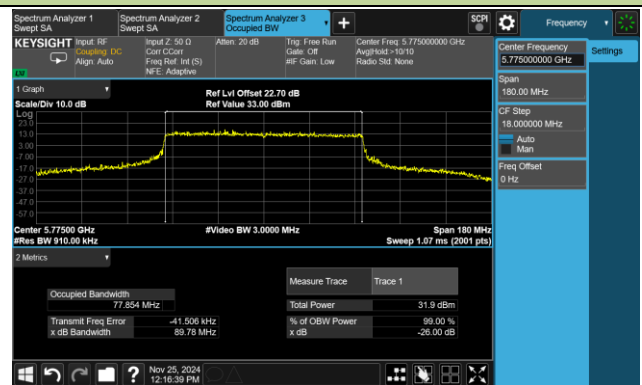
Channel 122 (5610MHz)

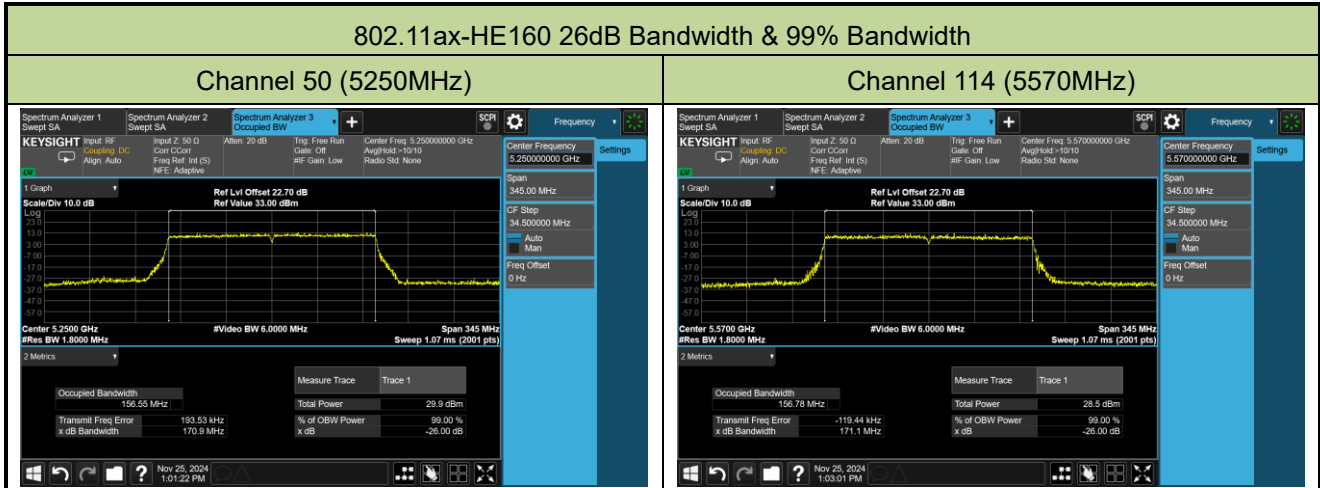


Channel 138 (5690MHz)



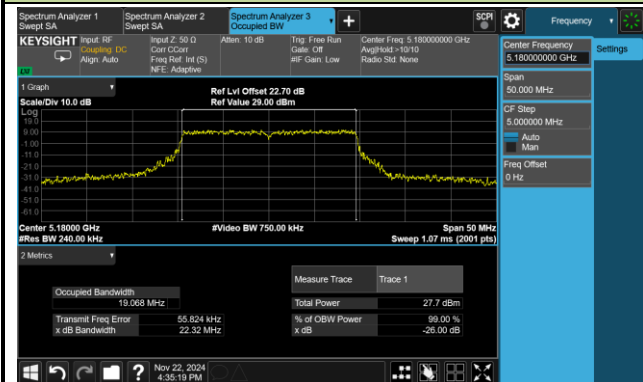
Channel 155 (5775MHz)



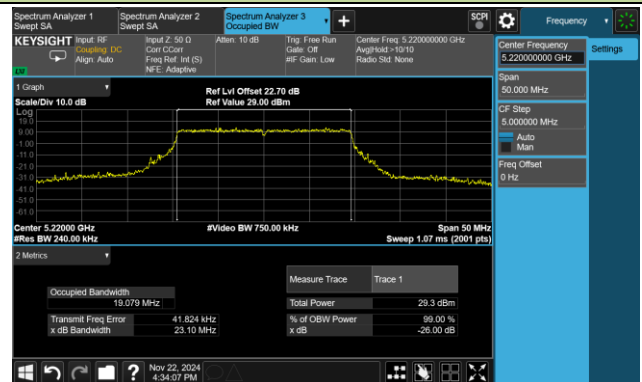


802.11be-EHT20 26dB Bandwidth

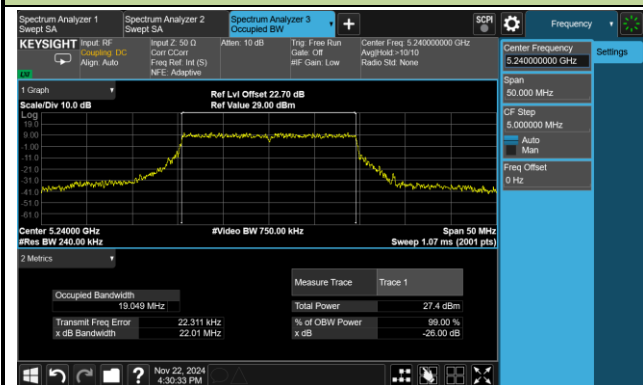
Channel 36 (5180MHz)



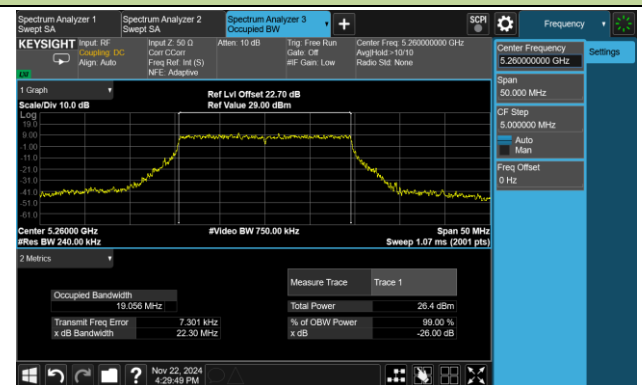
Channel 44 (5220MHz)



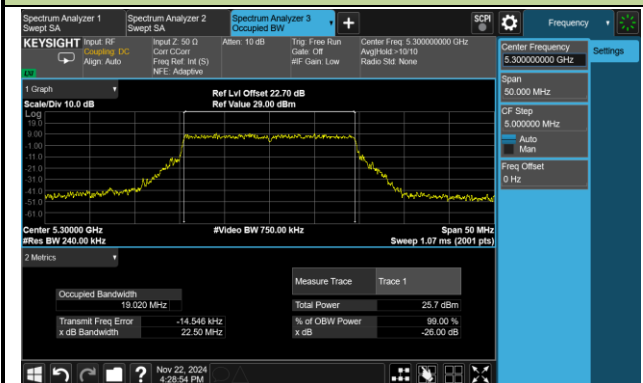
Channel 48 (5240MHz)



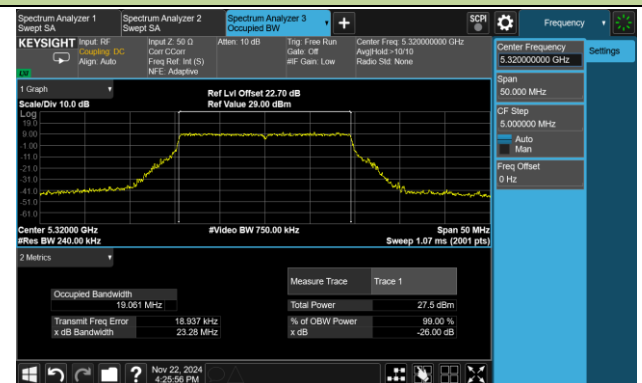
Channel 52 (5260MHz)



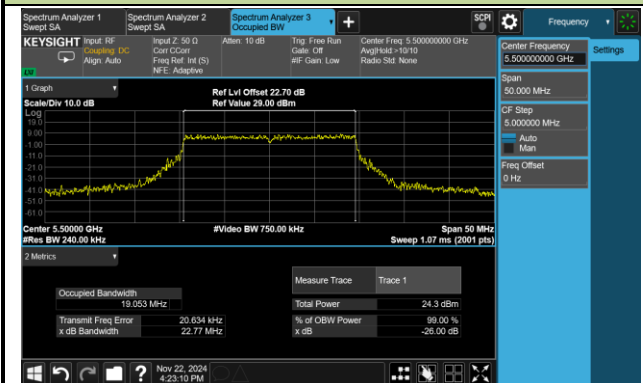
Channel 60 (5300MHz)



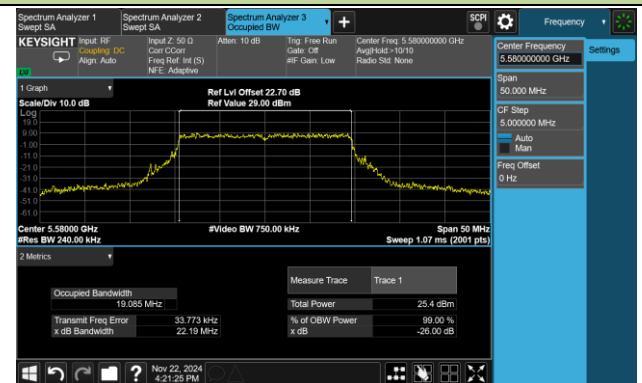
Channel 64 (5320MHz)



Channel 100 (5500MHz)

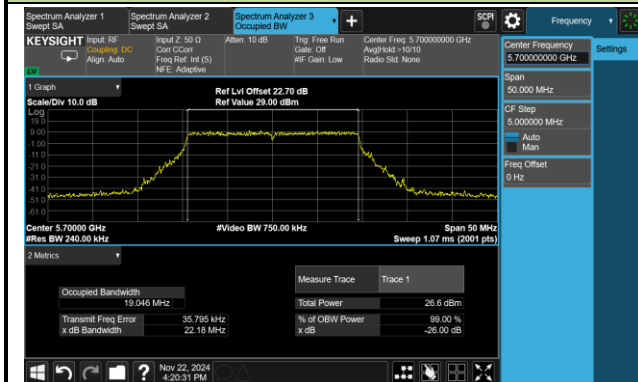


Channel 116 (5580MHz)

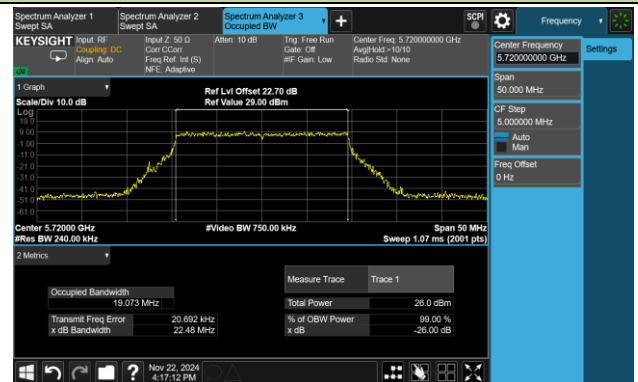


802.11be-EHT20 26dB Bandwidth

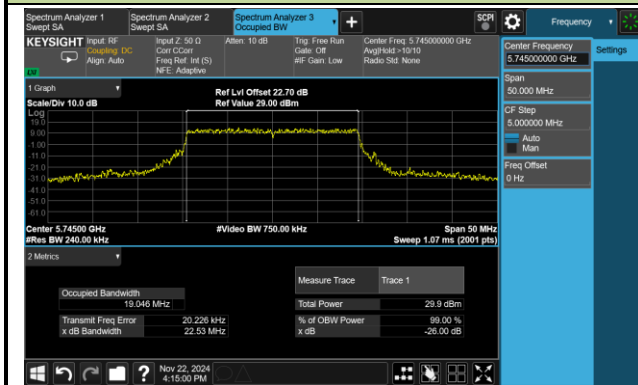
Channel 140 (5700MHz)



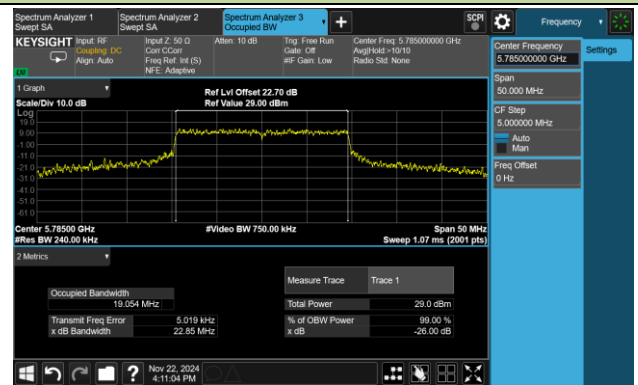
Channel 144(5720MHz)



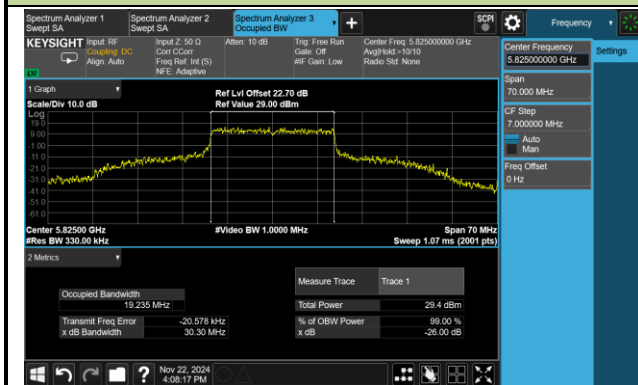
Channel 149 (5745MHz)



Channel 157 (5785MHz)

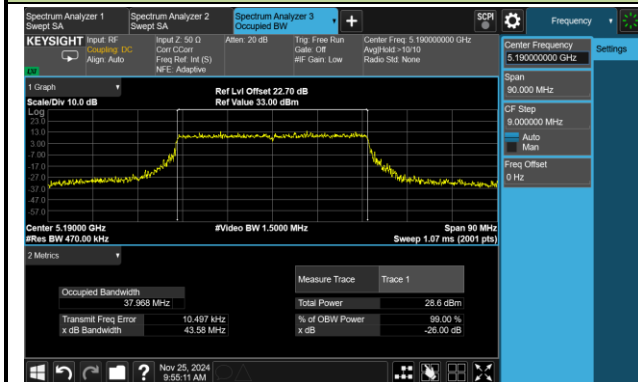


Channel 165 (5825MHz)

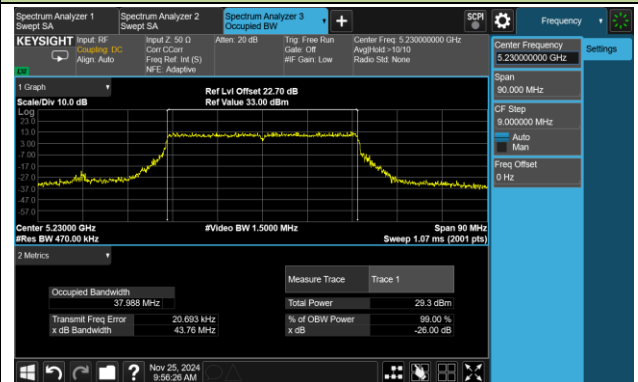


802.11be-EHT40 26dB Bandwidth

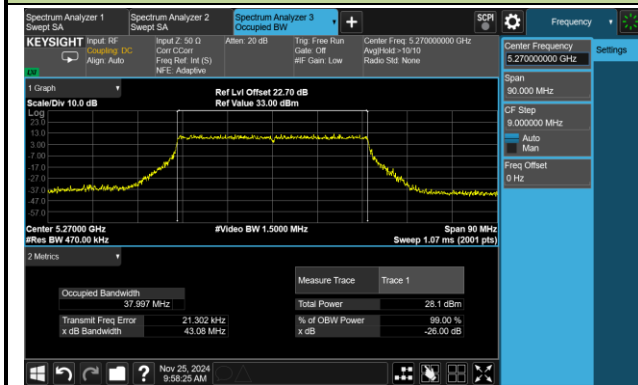
Channel 38 (5190MHz)



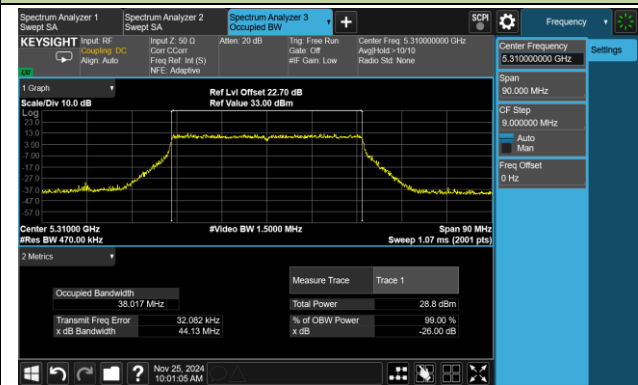
Channel 46 (5230MHz)



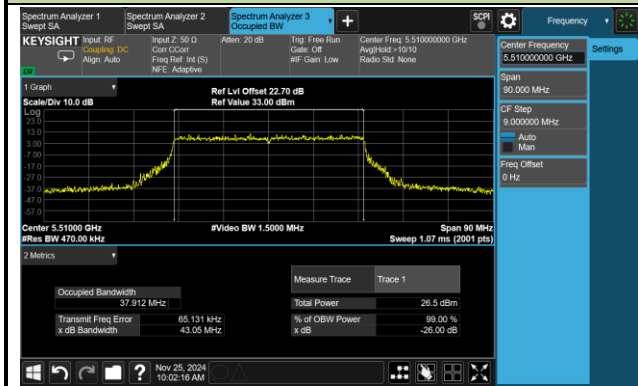
Channel 54 (5270MHz)



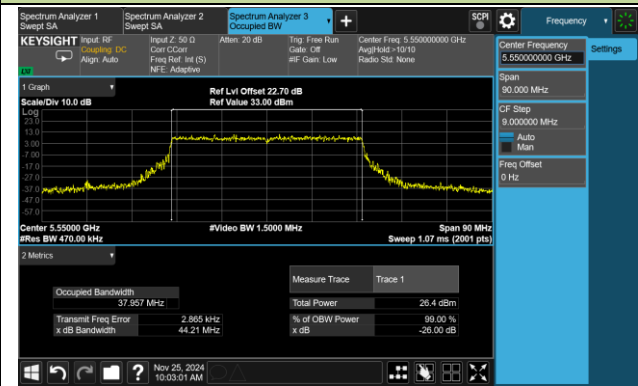
Channel 62 (5310MHz)



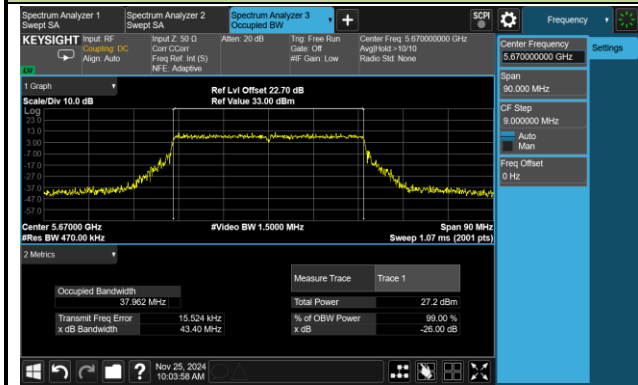
Channel 102 (5510MHz)



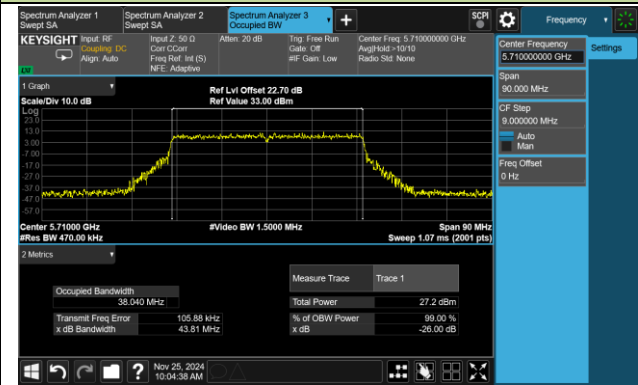
Channel 110 (5550MHz)



Channel 134 (5670MHz)

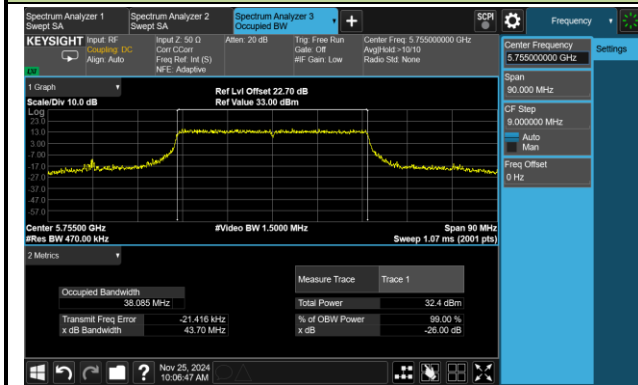


Channel 142(5710MHz)

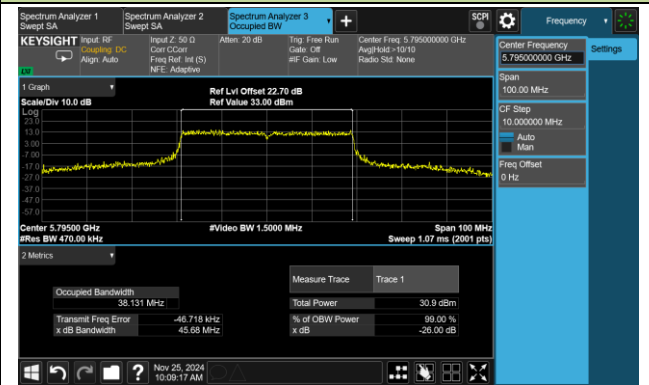


802.11be-EHT40 26dB Bandwidth

Channel 151 (5755MHz)

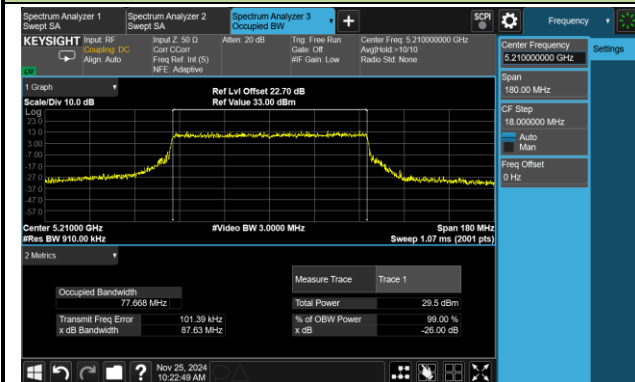


Channel 159 (5795MHz)

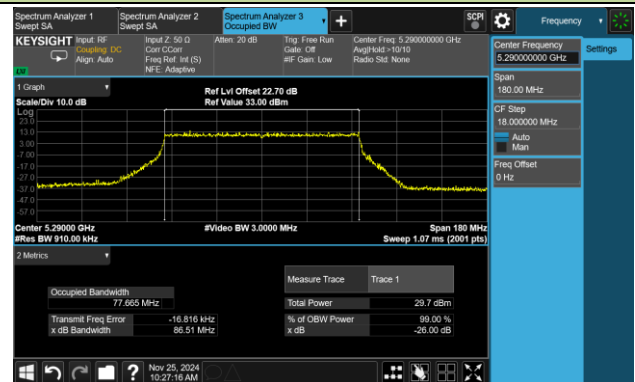


802.11be-EHT80 26dB Bandwidth & 99% Bandwidth

Channel 42 (5210MHz)



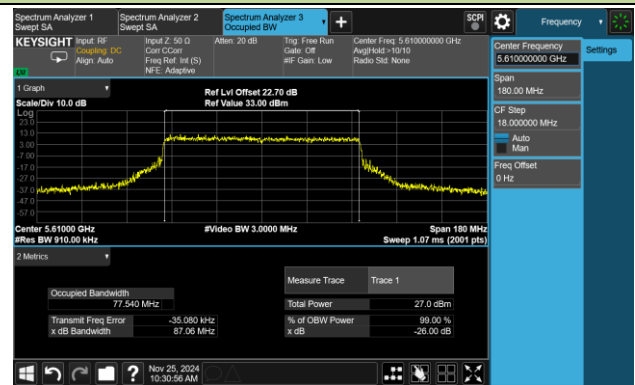
Channel 58 (5290MHz)



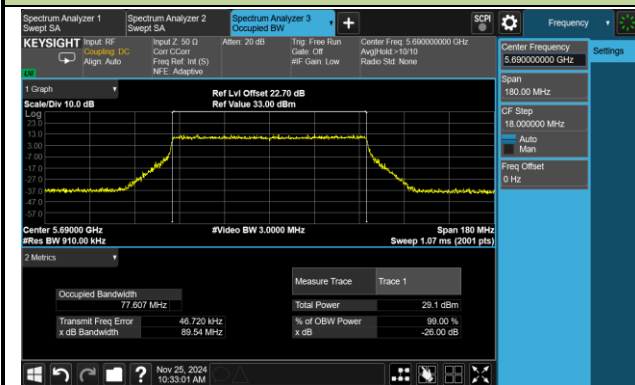
Channel 106 (5530MHz)



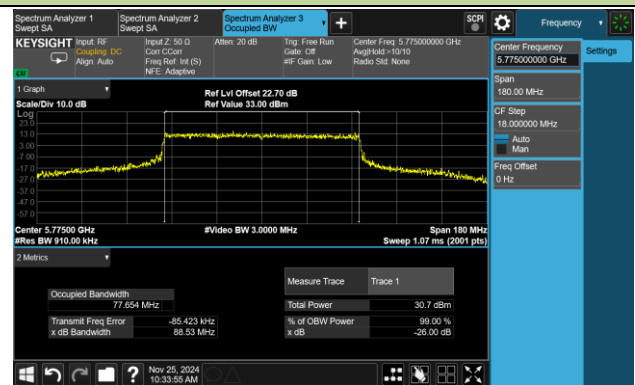
Channel 122 (5610MHz)



Channel 138 (5690MHz)

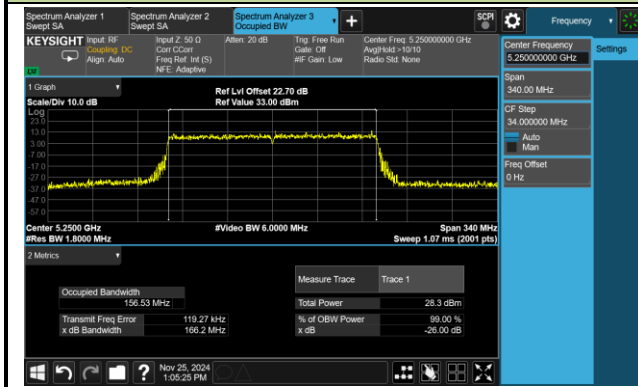


Channel 155 (5775MHz)

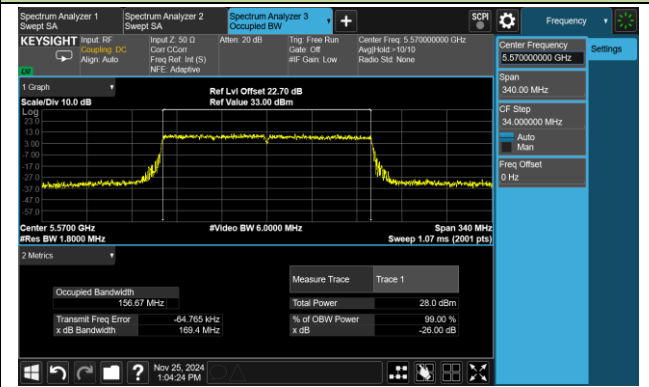


802.11be-EHT160 26dB Bandwidth & 99% Bandwidth

Channel 50 (5250MHz)



Channel 114 (5570MHz)



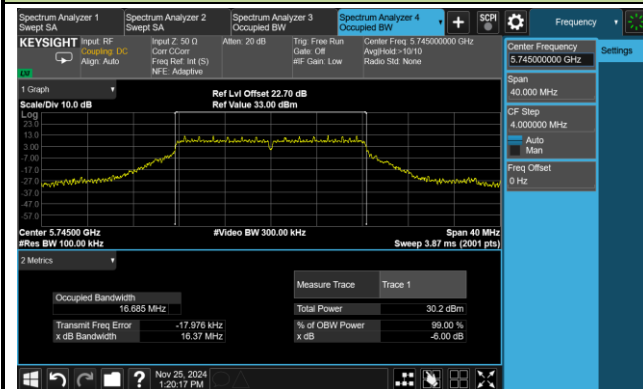
A.3 6dB Bandwidth Test Result

Test Site	WJ-SR8	Test Engineer	Jake Lan
Test Date	2024-11-25		

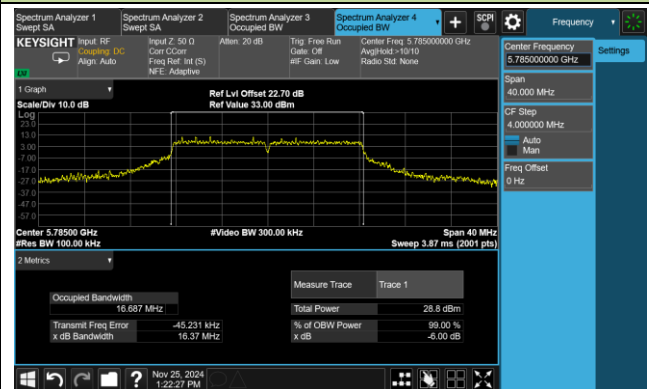
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11a	6Mbps	149	5745	16.37	≥0.5
11a	6Mbps	157	5785	16.37	≥0.5
11a	6Mbps	165	5825	16.37	≥0.5
11ac-VHT20	MCS0	149	5745	17.73	≥0.5
11ac-VHT20	MCS0	157	5785	17.66	≥0.5
11ac-VHT20	MCS0	165	5825	17.58	≥0.5
11ac-VHT40	MCS0	151	5755	36.38	≥0.5
11ac-VHT40	MCS0	159	5795	36.37	≥0.5
11ac-VHT80	MCS0	155	5775	76.40	≥0.5
11ax-HE20	MCS0	149	5745	19.02	≥0.5
11ax-HE20	MCS0	157	5785	19.09	≥0.5
11ax-HE20	MCS0	165	5825	19.14	≥0.5
11ax-HE40	MCS0	151	5755	38.15	≥0.5
11ax-HE40	MCS0	159	5795	38.37	≥0.5
11ax-HE80	MCS0	155	5775	78.06	≥0.5
11be-EHT20	MCS0	149	5745	19.12	≥0.5
11be-EHT20	MCS0	157	5785	19.01	≥0.5
11be-EHT20	MCS0	165	5825	18.92	≥0.5
11be-EHT40	MCS0	151	5755	38.20	≥0.5
11be-EHT40	MCS0	159	5795	38.10	≥0.5
11be-EHT80	MCS0	155	5775	78.08	≥0.5

802.11a 6dB Bandwidth

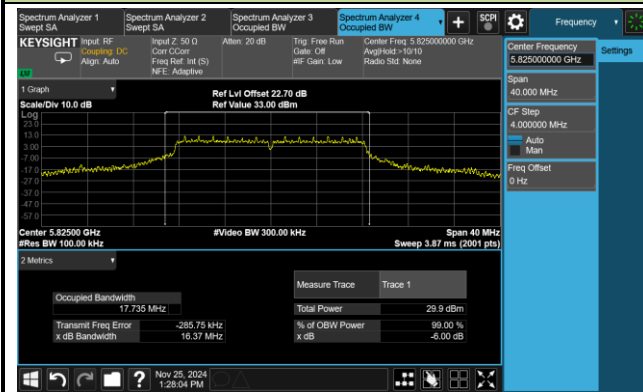
Channel 149 (5745MHz)



Channel 157 (5785MHz)

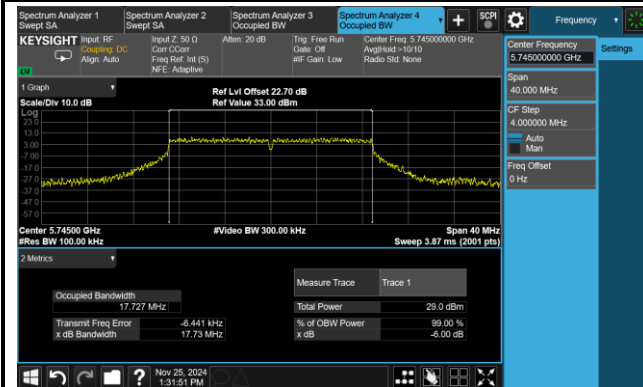


Channel 165 (5825MHz)

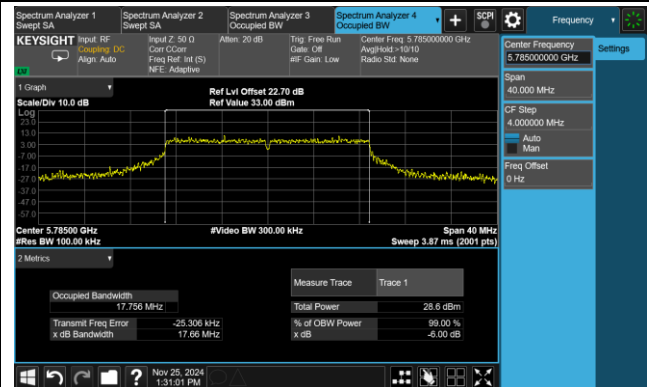


802.11ac-VHT20 6dB Bandwidth

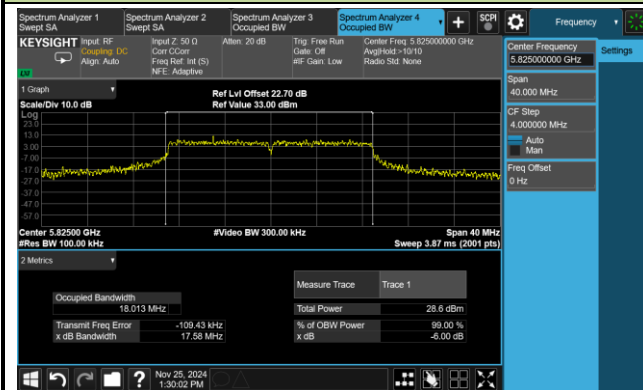
Channel 149 (5745MHz)



Channel 157 (5785MHz)

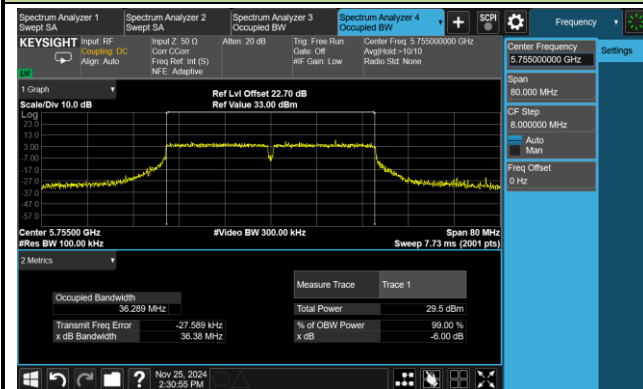


Channel 165 (5825MHz)

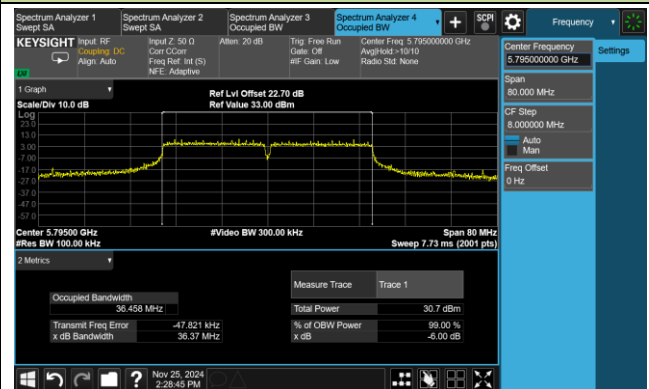


802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)

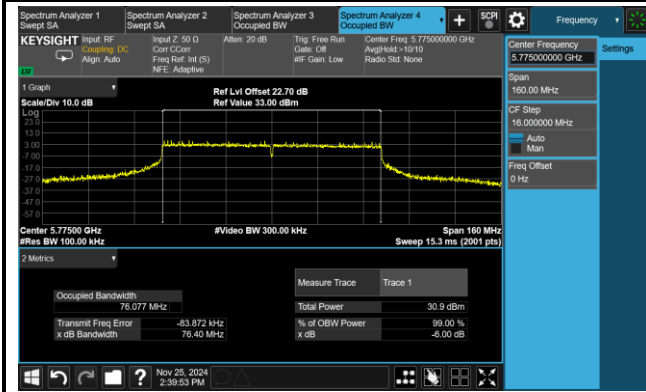


Channel 159 (5795MHz)



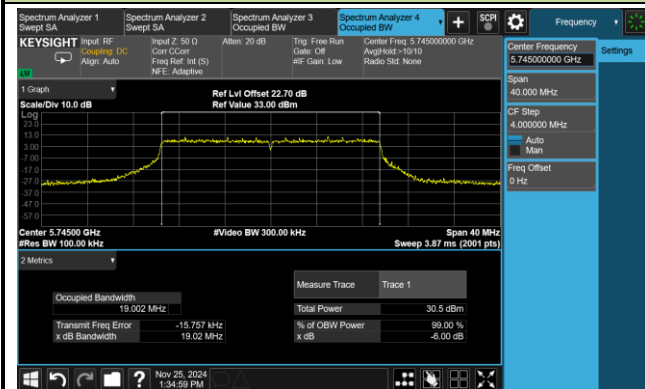
802.11ac-VHT80 6dB Bandwidth

Channel 155 (5775MHz)

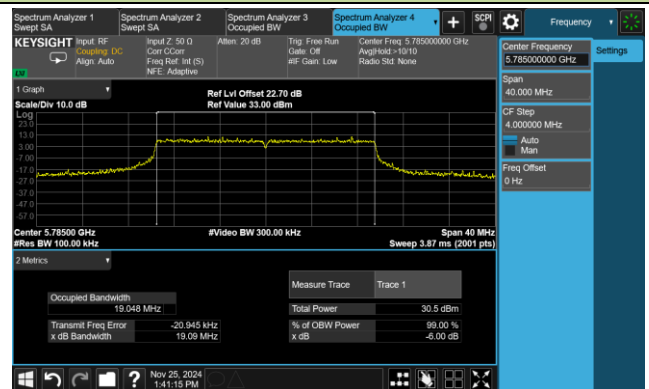


802.11ax-HE20 6dB Bandwidth

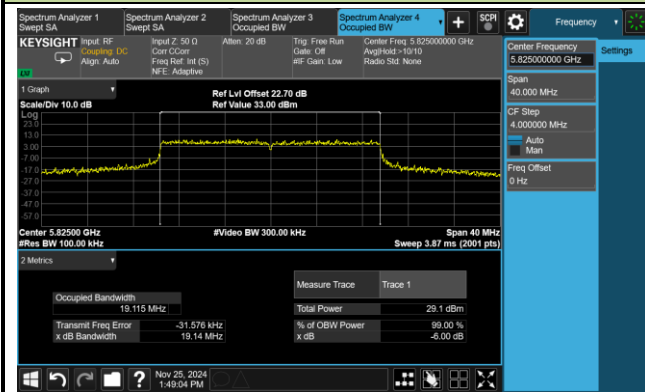
Channel 149 (5745MHz)



Channel 157 (5785MHz)

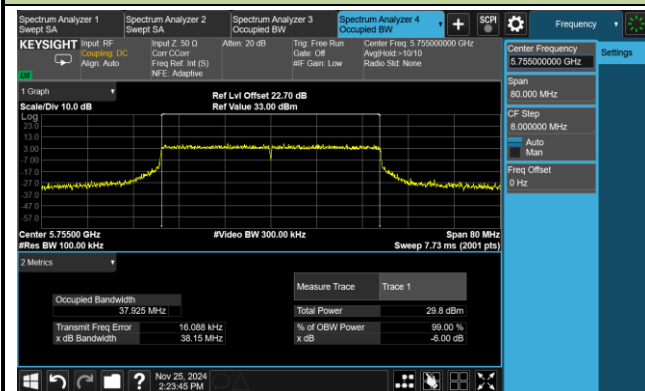


Channel 165 (5825MHz)

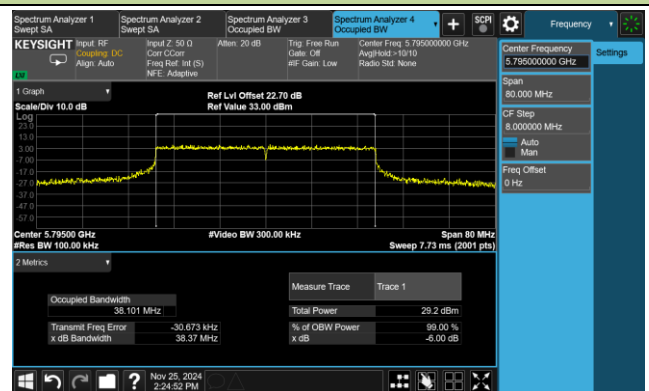


802.11ac-VHT40 6dB Bandwidth

Channel 151 (5755MHz)

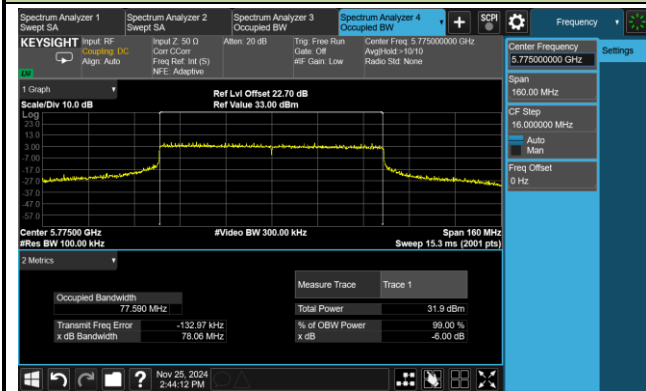


Channel 159 (5795MHz)



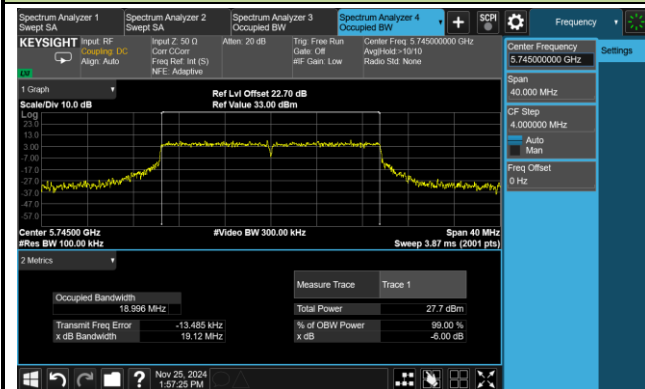
802.11ax-HE80 6dB Bandwidth

Channel 155 (5775MHz)

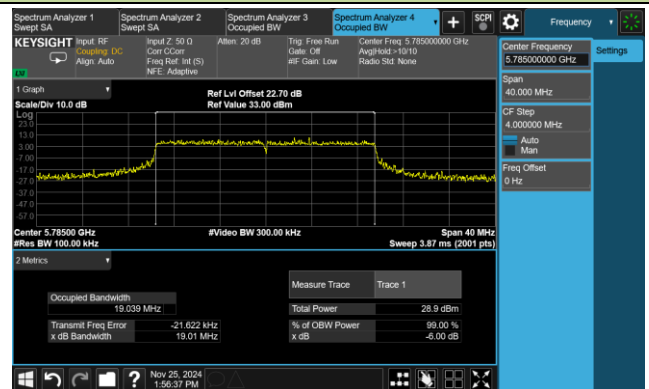


802.11be-EHT20 6dB Bandwidth

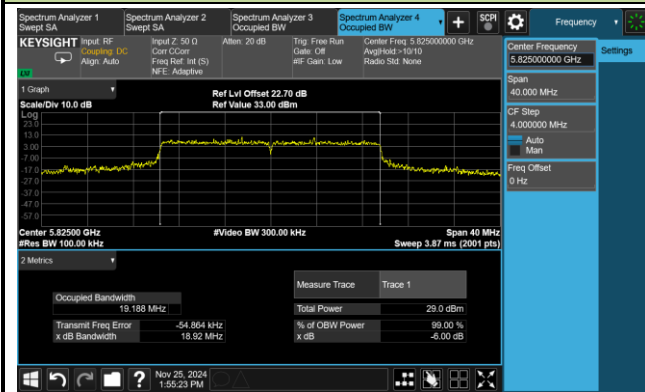
Channel 149 (5745MHz)



Channel 157 (5785MHz)

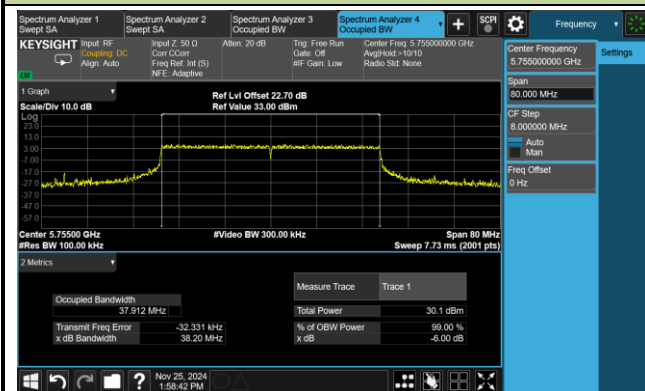


Channel 165 (5825MHz)

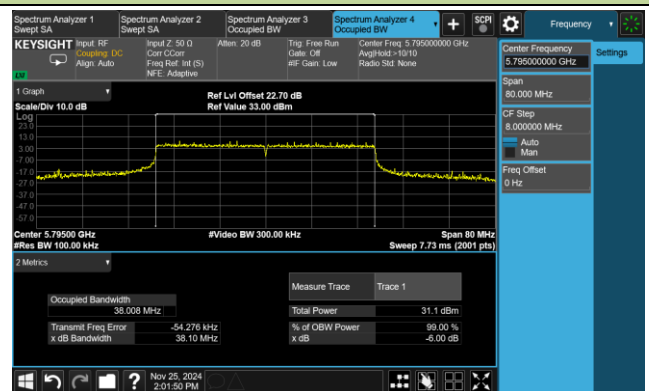


802.11be-EHT40 6dB Bandwidth

Channel 151 (5755MHz)

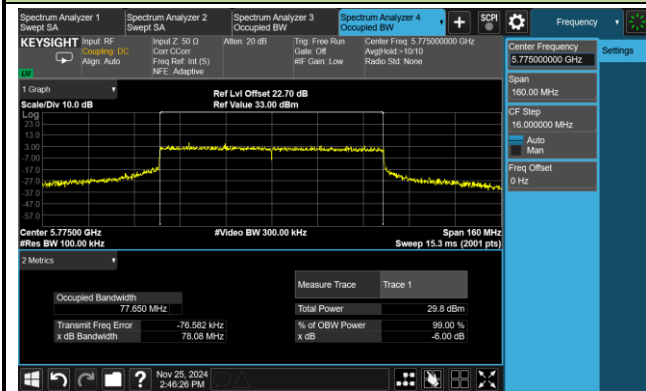


Channel 159 (5795MHz)



802.11be-EHT80 6dB Bandwidth

Channel 155 (5775MHz)



A.4 Output Power Test Result

Test Site	WJ-SR8	Test Engineer	Simon Lu
Test Date	2024-11-14 ~ 2024-11-30	Frequency Band	UNII-1

Test Mode	Data Rate/MCS	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Total Power (dBm)	Limit (dBm)	30 Degree EIRP (dBm)	Limit (dBm)	Result
CDD Mode										
11a	6Mbps	36	5180	20.67	20.84	23.77	≤ 29.61	19.67	≤ 21.00	Pass
11a	6Mbps	44	5220	21.86	21.99	24.94	≤ 29.61	20.84	≤ 21.00	Pass
11a	6Mbps	48	5240	21.95	21.69	24.83	≤ 29.61	20.73	≤ 21.00	Pass
STBC Mode										
11ac-VHT20	MCS0	36	5180	20.87	20.89	23.89	≤ 29.61	19.79	≤ 21.00	Pass
11ac-VHT20	MCS0	44	5220	21.73	21.96	24.86	≤ 29.61	20.76	≤ 21.00	Pass
11ac-VHT20	MCS0	48	5240	21.87	21.83	24.86	≤ 29.61	20.76	≤ 21.00	Pass
11ac-VHT40	MCS0	38	5190	18.06	18.09	21.09	≤ 29.61	16.99	≤ 21.00	Pass
11ac-VHT40	MCS0	46	5230	21.58	21.67	24.64	≤ 29.61	20.54	≤ 21.00	Pass
11ac-VHT80	MCS0	42	5210	18.52	18.85	21.70	≤ 29.61	17.60	≤ 21.00	Pass
11ac-VHT160	MCS0	50	5250	19.12	19.15	22.15	≤ 29.61	18.05	≤ 21.00	Pass
11ax-HE20	MCS0	36	5180	20.49	20.64	23.58	≤ 29.61	19.48	≤ 21.00	Pass
11ax-HE20	MCS0	44	5220	21.84	21.93	24.90	≤ 29.61	20.80	≤ 21.00	Pass
11ax-HE20	MCS0	48	5240	21.80	21.79	24.81	≤ 29.61	20.71	≤ 21.00	Pass
11ax-HE40	MCS0	38	5190	18.44	18.39	21.43	≤ 29.61	17.33	≤ 21.00	Pass
11ax-HE40	MCS0	46	5230	21.73	22.09	24.92	≤ 29.61	20.82	≤ 21.00	Pass
11ax-HE80	MCS0	42	5210	17.52	17.85	20.70	≤ 29.61	16.60	≤ 21.00	Pass
11ax-HE160	MCS0	50	5250	18.53	18.99	21.78	≤ 29.61	17.68	≤ 21.00	Pass
11be-EHT20	MCS0	36	5180	20.41	20.60	23.52	≤ 29.61	19.42	≤ 21.00	Pass
11be-EHT20	MCS0	44	5220	21.55	21.89	24.73	≤ 29.61	20.63	≤ 21.00	Pass
11be-EHT20	MCS0	48	5240	21.69	21.72	24.72	≤ 29.61	20.62	≤ 21.00	Pass
11be-EHT40	MCS0	38	5190	18.79	18.99	21.90	≤ 29.61	17.80	≤ 21.00	Pass
11be-EHT40	MCS0	46	5230	21.45	21.89	24.69	≤ 29.61	20.59	≤ 21.00	Pass
11be-EHT80	MCS0	42	5210	18.54	18.87	21.72	≤ 29.61	17.62	≤ 21.00	Pass
11be-EHT160	MCS0	50	5250	19.37	19.19	22.29	≤ 29.61	18.19	≤ 21.00	Pass

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: EIRP Above 30 Degree Angle (dBm) = Total Power (dBm) + 30 Degree Antenna Gain (dBi).

Test Site	WJ-SR8	Test Engineer	Simon Lu
Test Date	2024-11-14 ~ 2024-11-30	Frequency Band	UNII-1 & 2A & 2C

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	52	5260	17.63	17.43	20.54	≤ 23.59
11a	6Mbps	60	5300	17.30	17.26	20.29	≤ 23.59
11a	6Mbps	64	5320	17.69	17.80	20.76	≤ 23.59
11a	6Mbps	100	5500	17.52	17.29	20.42	≤ 23.59
11a	6Mbps	116	5580	16.87	16.76	19.83	≤ 23.59
11a	6Mbps	140	5700	16.95	17.02	20.00	≤ 23.59
11a	6Mbps	144	5720	17.45	17.48	20.48	≤ 21.68 Note 3 & 4
11a	6Mbps	149	5745	23.62	23.91	26.78	≤ 29.61
11a	6Mbps	157	5785	23.46	23.60	26.54	≤ 29.61
11a	6Mbps	165	5825	23.14	23.59	26.38	≤ 29.61
11ac-VHT20	MCS0	52	5260	19.89	20.07	22.99	≤ 23.59
11ac-VHT20	MCS0	60	5300	19.69	20.09	22.90	≤ 23.59
11ac-VHT20	MCS0	64	5320	20.21	20.26	23.25	≤ 23.59
11ac-VHT20	MCS0	100	5500	19.99	19.94	22.98	≤ 23.59
11ac-VHT20	MCS0	116	5580	19.58	19.41	22.51	≤ 23.59
11ac-VHT20	MCS0	140	5700	19.73	19.69	22.72	≤ 23.59
11ac-VHT20	MCS0	144	5720	18.45	18.51	21.49	≤ 21.70 Note 3 & 4
11ac-VHT20	MCS0	149	5745	23.78	23.82	26.81	≤ 29.61
11ac-VHT20	MCS0	157	5785	23.52	23.54	26.54	≤ 29.61
11ac-VHT20	MCS0	165	5825	23.14	23.67	26.42	≤ 29.61
11ac-VHT40	MCS0	54	5270	20.47	20.56	23.53	≤ 23.59
11ac-VHT40	MCS0	62	5310	19.89	20.17	23.04	≤ 23.59
11ac-VHT40	MCS0	102	5510	19.04	19.03	22.05	≤ 23.59
11ac-VHT40	MCS0	110	5550	20.63	20.23	23.44	≤ 23.59
11ac-VHT40	MCS0	134	5670	20.34	20.76	23.57	≤ 23.59
11ac-VHT40	MCS0	142	5710	20.36	20.34	23.36	≤ 23.59 Note 3 & 4
11ac-VHT40	MCS0	151	5755	23.32	23.65	26.50	≤ 29.61
11ac-VHT40	MCS0	159	5795	23.61	23.83	26.73	≤ 29.61

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11ac-VHT80	MCS0	58	5290	19.62	19.87	22.76	≤ 23.59
11ac-VHT80	MCS0	106	5530	19.15	19.04	22.11	≤ 23.59
11ac-VHT80	MCS0	122	5610	20.61	20.52	23.58	≤ 23.59
11ac-VHT80	MCS0	138	5690	20.58	20.54	23.57	≤ 23.59 Note 3 & 4
11ac-VHT80	MCS0	155	5775	22.33	22.38	25.37	≤ 29.61
11ac-VHT160	MCS0	50	5250	19.12	19.15	22.15	≤ 23.59 Note 2
11ac-VHT160	MCS0	114	5570	19.41	19.28	22.36	≤ 23.59
11ax-HE20	MCS0	52	5260	20.10	20.44	23.28	≤ 23.59
11ax-HE20	MCS0	60	5300	20.41	20.74	23.59	≤ 23.59
11ax-HE20	MCS0	64	5320	19.80	19.98	22.90	≤ 23.59
11ax-HE20	MCS0	100	5500	20.12	20.03	23.09	≤ 23.59
11ax-HE20	MCS0	116	5580	20.22	20.04	23.14	≤ 23.59
11ax-HE20	MCS0	140	5700	19.97	19.94	22.97	≤ 23.59
11ax-HE20	MCS0	144	5720	18.34	18.41	21.39	≤ 21.67 Note 3 & 4
11ax-HE20	MCS0	149	5745	23.47	23.74	26.62	≤ 29.61
11ax-HE20	MCS0	157	5785	23.51	23.92	26.73	≤ 29.61
11ax-HE20	MCS0	165	5825	23.42	23.95	26.70	≤ 29.61
11ax-HE40	MCS0	54	5270	20.49	20.65	23.58	≤ 23.59
11ax-HE40	MCS0	62	5310	19.26	19.67	22.48	≤ 23.59
11ax-HE40	MCS0	102	5510	19.57	19.17	22.38	≤ 23.59
11ax-HE40	MCS0	110	5550	20.68	20.45	23.58	≤ 23.59
11ax-HE40	MCS0	134	5670	20.41	20.69	23.56	≤ 23.59
11ax-HE40	MCS0	142	5710	20.53	20.51	23.53	≤ 23.59 Note 3 & 4
11ax-HE40	MCS0	151	5755	23.51	23.70	26.62	≤ 29.61
11ax-HE40	MCS0	159	5795	23.39	23.53	26.47	≤ 29.61
11ax-HE80	MCS0	58	5290	19.63	19.98	22.82	≤ 23.59
11ax-HE80	MCS0	106	5530	18.76	18.78	21.78	≤ 23.59
11ax-HE80	MCS0	122	5610	20.54	20.58	23.57	≤ 23.59
11ax-HE80	MCS0	138	5690	20.52	20.55	23.55	≤ 23.59 Note 3 & 4
11ax-HE80	MCS0	155	5775	22.38	22.41	25.41	≤ 29.61
11ax-HE160	MCS0	50	5250	18.53	18.99	21.78	≤ 23.59 Note 2
11ax-HE160	MCS0	114	5570	19.39	19.26	22.34	≤ 23.59

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11be-EHT20	MCS0	52	5260	20.09	20.25	23.18	≤ 23.59
11be-EHT20	MCS0	60	5300	19.94	20.30	23.13	≤ 23.59
11be-EHT20	MCS0	64	5320	20.29	20.49	23.40	≤ 23.59
11be-EHT20	MCS0	100	5500	20.14	20.13	23.15	≤ 23.59
11be-EHT20	MCS0	116	5580	20.13	20.01	23.08	≤ 23.59
11be-EHT20	MCS0	140	5700	19.95	19.89	22.93	≤ 23.59
11be-EHT20	MCS0	144	5720	18.27	18.15	21.22	≤ 21.72 Note 3 & 4
11be-EHT20	MCS0	149	5745	23.42	23.61	26.53	≤ 29.61
11be-EHT20	MCS0	157	5785	23.74	23.77	26.77	≤ 29.61
11be-EHT20	MCS0	165	5825	23.45	23.91	26.70	≤ 29.61
11be-EHT40	MCS0	54	5270	20.35	20.74	23.56	≤ 23.59
11be-EHT40	MCS0	62	5310	19.22	19.39	22.32	≤ 23.59
11be-EHT40	MCS0	102	5510	19.98	19.89	22.95	≤ 23.59
11be-EHT40	MCS0	110	5550	20.51	20.63	23.58	≤ 23.59
11be-EHT40	MCS0	134	5670	20.51	20.57	23.55	≤ 23.59
11be-EHT40	MCS0	142	5710	20.54	20.58	23.57	≤ 23.59 Note 3 & 4
11be-EHT40	MCS0	151	5755	23.77	23.93	26.86	≤ 29.61
11be-EHT40	MCS0	159	5795	23.53	23.96	26.76	≤ 29.61
11be-EHT80	MCS0	58	5290	19.80	19.98	22.90	≤ 23.59
11be-EHT80	MCS0	106	5530	18.79	18.68	21.75	≤ 23.59
11be-EHT80	MCS0	122	5610	20.62	20.52	23.58	≤ 23.59
11be-EHT80	MCS0	138	5690	20.51	20.61	23.57	≤ 23.59 Note 3 & 4
11be-EHT80	MCS0	155	5775	22.43	22.49	25.47	≤ 29.61
11be-EHT160	MCS0	50	5250	19.37	19.19	22.29	≤ 23.59 Note 2
11be-EHT160	MCS0	114	5570	19.51	19.28	22.41	≤ 23.59

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	WJ-SR8	Test Engineer	Simon Lu
Test Date	2024-11-19 ~ 2024-11-30	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)	AVPSD (dBm/ MHz)		Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)
				Ant 0	Ant 1			
11a	6Mbps	36	5180	9.079	9.275	99.00	12.188	≤ 14.77
11a	6Mbps	44	5220	10.053	10.288	99.00	13.182	≤ 14.77
11a	6Mbps	48	5240	10.044	9.936	99.00	13.001	≤ 14.77
11a	6Mbps	52	5260	5.842	5.502	99.00	8.686	≤ 8.77
11a	6Mbps	60	5300	5.482	5.179	99.00	8.343	≤ 8.77
11a	6Mbps	64	5320	5.799	5.608	99.00	8.715	≤ 8.77
11a	6Mbps	100	5500	5.664	5.323	99.00	8.507	≤ 8.77
11a	6Mbps	116	5580	5.504	5.215	99.00	8.372	≤ 8.77
11a	6Mbps	140	5700	5.174	5.211	99.00	8.203	≤ 8.77
11a	6Mbps	144	5720	5.769	5.556	99.00	8.674	≤ 8.77

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

Note 2:

For 5125 - 5250MHz Band: PSD Limit (dBm/MHz) = 17 - (8.23 - 6) = 14.77dBm/MHz

For 5250 - 5350MHz Band: PSD Limit (dBm/MHz) = 11 - (8.23 - 6) = 8.77dBm/MHz.

For 5470 - 5725MHz Band: PSD Limit (dBm/MHz) = 11 - (8.23 - 6) = 8.77dBm/MHz.

Test Site	WJ-SR8	Test Engineer	Simon Lu
Test Date	2024-11-15 ~ 2025-01-07	Test Mode	STBC 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/MHz)
				Ant 0	Ant 1			
11ac-VHT20	MCS0	36	5180	8.867	8.906	99.63	11.897	≤ 17.00
11ac-VHT20	MCS0	44	5220	10.096	10.177	99.63	13.147	≤ 17.00
11ac-VHT20	MCS0	48	5240	9.964	10.027	99.63	13.006	≤ 17.00
11ac-VHT20	MCS0	52	5260	7.776	8.019	99.63	10.909	≤ 11.00
11ac-VHT20	MCS0	60	5300	7.504	7.945	99.63	10.740	≤ 11.00
11ac-VHT20	MCS0	64	5320	7.915	7.585	99.63	10.763	≤ 11.00
11ac-VHT20	MCS0	100	5500	7.867	7.833	99.63	10.860	≤ 11.00
11ac-VHT20	MCS0	116	5580	7.610	7.446	99.63	10.539	≤ 11.00
11ac-VHT20	MCS0	140	5700	7.904	7.936	99.63	10.930	≤ 11.00
11ac-VHT20	MCS0	144	5720	5.184	4.807	99.63	8.010	≤ 11.00
11ac-VHT40	MCS0	38	5190	3.495	3.519	99.27	6.517	≤ 17.00
11ac-VHT40	MCS0	46	5230	6.944	7.089	99.27	10.027	≤ 17.00
11ac-VHT40	MCS0	54	5270	5.580	5.819	99.27	8.711	≤ 11.00
11ac-VHT40	MCS0	62	5310	5.007	5.058	99.27	8.043	≤ 11.00
11ac-VHT40	MCS0	102	5510	3.596	3.270	99.27	6.446	≤ 11.00
11ac-VHT40	MCS0	110	5550	5.319	5.316	99.27	8.328	≤ 11.00
11ac-VHT40	MCS0	134	5670	5.568	5.736	99.27	8.663	≤ 11.00
11ac-VHT40	MCS0	142	5710	5.798	5.818	99.27	8.818	≤ 11.00
11ac-VHT80	MCS0	42	5210	1.051	1.455	99.45	4.268	≤ 17.00
11ac-VHT80	MCS0	58	5290	1.881	2.141	99.45	5.023	≤ 11.00
11ac-VHT80	MCS0	106	5530	0.822	0.875	99.45	3.859	≤ 11.00
11ac-VHT80	MCS0	122	5610	2.865	2.504	99.45	5.699	≤ 11.00
11ac-VHT80	MCS0	138	5690	3.197	3.040	99.45	6.130	≤ 11.00
11ac-VHT160	MCS0	50	5250	-1.191	-1.209	99.67	1.810	≤ 11.00
11ac-VHT160	MCS0	114	5570	-1.449	-1.740	99.67	1.418	≤ 11.00

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			
11ax-HE20	MCS0	36	5180	8.183	8.316	99.63	11.260	≤ 17.00
11ax-HE20	MCS0	44	5220	9.258	9.458	99.63	12.369	≤ 17.00
11ax-HE20	MCS0	48	5240	9.407	9.235	99.63	12.332	≤ 17.00
11ax-HE20	MCS0	52	5260	7.828	7.829	99.63	10.839	≤ 11.00
11ax-HE20	MCS0	60	5300	7.717	7.924	99.63	10.832	≤ 11.00
11ax-HE20	MCS0	64	5320	7.565	7.496	99.63	10.541	≤ 11.00
11ax-HE20	MCS0	100	5500	7.618	7.324	99.63	10.484	≤ 11.00
11ax-HE20	MCS0	116	5580	7.947	7.709	99.63	10.840	≤ 11.00
11ax-HE20	MCS0	140	5700	7.952	7.718	99.63	10.847	≤ 11.00
11ax-HE20	MCS0	144	5720	5.279	4.691	99.63	8.005	≤ 11.00
11ax-HE40	MCS0	38	5190	3.641	3.983	99.27	6.826	≤ 17.00
11ax-HE40	MCS0	46	5230	6.731	7.018	99.27	9.887	≤ 17.00
11ax-HE40	MCS0	54	5270	5.348	5.633	99.27	8.503	≤ 11.00
11ax-HE40	MCS0	62	5310	4.326	4.524	99.27	7.436	≤ 11.00
11ax-HE40	MCS0	102	5510	3.896	3.565	99.27	6.744	≤ 11.00
11ax-HE40	MCS0	110	5550	5.082	5.020	99.27	8.061	≤ 11.00
11ax-HE40	MCS0	134	5670	5.198	5.356	99.27	8.288	≤ 11.00
11ax-HE40	MCS0	142	5710	5.581	5.676	99.27	8.639	≤ 11.00
11ax-HE80	MCS0	42	5210	0.131	0.186	99.45	3.169	≤ 17.00
11ax-HE80	MCS0	58	5290	1.809	2.122	99.45	4.979	≤ 11.00
11ax-HE80	MCS0	106	5530	0.177	0.118	99.45	3.158	≤ 11.00
11ax-HE80	MCS0	122	5610	2.923	2.629	99.45	5.789	≤ 11.00
11ax-HE80	MCS0	138	5690	3.119	3.105	99.45	6.122	≤ 11.00
11ax-HE160	MCS0	50	5250	-1.588	-1.541	99.52	1.446	≤ 11.00
11ax-HE160	MCS0	114	5570	-1.235	-1.801	99.52	1.502	≤ 11.00

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			
11be-EHT20	MCS0	36	5180	8.155	8.381	99.63	11.280	≤ 17.00
11be-EHT20	MCS0	44	5220	9.393	9.408	99.63	12.411	≤ 17.00
11be-EHT20	MCS0	48	5240	9.167	9.550	99.63	12.373	≤ 17.00
11be-EHT20	MCS0	52	5260	7.831	7.896	99.63	10.874	≤ 11.00
11be-EHT20	MCS0	60	5300	7.727	7.790	99.63	10.769	≤ 11.00
11be-EHT20	MCS0	64	5320	8.021	7.802	99.63	10.923	≤ 11.00
11be-EHT20	MCS0	100	5500	7.750	7.995	99.63	10.885	≤ 11.00
11be-EHT20	MCS0	116	5580	7.905	7.959	99.63	10.942	≤ 11.00
11be-EHT20	MCS0	140	5700	7.866	7.872	99.63	10.879	≤ 11.00
11be-EHT20	MCS0	144	5720	5.199	4.583	99.63	7.912	≤ 11.00
11be-EHT40	MCS0	38	5190	4.015	4.137	99.27	7.087	≤ 17.00
11be-EHT40	MCS0	46	5230	6.412	6.767	99.27	9.603	≤ 17.00
11be-EHT40	MCS0	54	5270	5.418	5.400	99.27	8.419	≤ 11.00
11be-EHT40	MCS0	62	5310	3.940	4.133	99.27	7.048	≤ 11.00
11be-EHT40	MCS0	102	5510	4.106	4.144	99.27	7.135	≤ 11.00
11be-EHT40	MCS0	110	5550	4.896	5.085	99.27	8.002	≤ 11.00
11be-EHT40	MCS0	134	5670	5.604	5.655	99.27	8.640	≤ 11.00
11be-EHT40	MCS0	142	5710	5.893	5.837	99.27	8.875	≤ 11.00
11be-EHT80	MCS0	42	5210	1.322	1.656	99.09	4.503	≤ 17.00
11be-EHT80	MCS0	58	5290	1.824	1.979	99.09	4.912	≤ 11.00
11be-EHT80	MCS0	106	5530	0.286	0.404	99.09	3.356	≤ 11.00
11be-EHT80	MCS0	122	5610	2.765	2.510	99.09	5.650	≤ 11.00
11be-EHT80	MCS0	138	5690	3.255	3.071	99.09	6.174	≤ 11.00
11be-EHT160	MCS0	50	5250	-1.087	-1.153	99.52	1.890	≤ 11.00
11be-EHT160	MCS0	114	5570	-1.474	-1.825	99.52	1.364	≤ 11.00

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

Test Site	WJ-SR8	Test Engineer	Simon Lu
Test Date	2024-11-21	Test Mode	CDD 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			
11a	6Mbps	149	5745	8.992	9.464	99.00	12.245	≤ 27.77
11a	6Mbps	157	5785	9.032	9.280	99.00	12.168	≤ 27.77
11a	6Mbps	165	5825	9.012	9.282	99.00	12.159	≤ 27.77

Note 1:

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

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

Note 2: PSD Limit (dBm/500kHz) = 30 - (8.23 - 6) = 27.77dBm/500kHz.

Test Site	WJ-SR8	Test Engineer	Simon Lu
Test Date	2024-11-21 ~ 2025-01-07	Test Mode	STBC Mode
Test Item	Power Spectral Density (UNII-Band 3)		

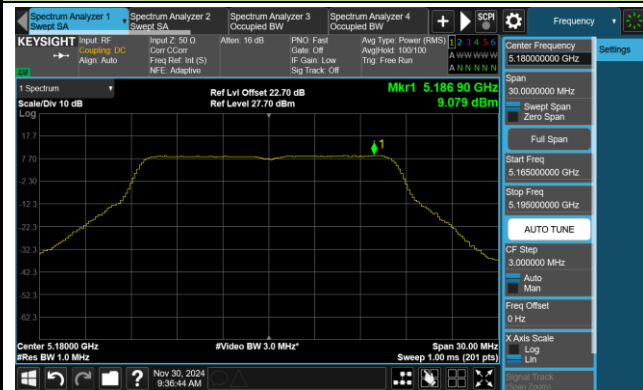
Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVPSD (dBm/ 510kHz)		Duty Cycle (%)	Total PSD (dBm/ 510kHz)	PSD Limit (dBm/ 500kHz)
				Ant 0	Ant 1			
11ac-VHT20	MCS0	149	5745	8.809	9.307	99.63	12.075	≤ 30.00
11ac-VHT20	MCS0	157	5785	8.600	8.935	99.63	11.781	≤ 30.00
11ac-VHT20	MCS0	165	5825	8.666	9.196	99.63	11.949	≤ 30.00
11ac-VHT40	MCS0	151	5755	6.312	6.276	99.27	9.304	≤ 30.00
11ac-VHT40	MCS0	159	5795	6.923	6.963	99.27	9.953	≤ 30.00
11ac-VHT80	MCS0	155	5775	1.409	0.929	99.45	4.186	≤ 30.00
11ax-HE20	MCS0	149	5745	8.184	8.553	99.63	11.383	≤ 30.00
11ax-HE20	MCS0	157	5785	8.522	8.912	99.63	11.732	≤ 30.00
11ax-HE20	MCS0	165	5825	8.603	9.109	99.63	11.874	≤ 30.00
11ax-HE40	MCS0	151	5755	6.133	6.158	99.27	9.156	≤ 30.00
11ax-HE40	MCS0	159	5795	5.853	6.263	99.27	9.073	≤ 30.00
11ax-HE80	MCS0	155	5775	1.280	1.027	99.45	4.166	≤ 30.00
11be-EHT20	MCS0	149	5745	8.241	8.652	99.63	11.462	≤ 30.00
11be-EHT20	MCS0	157	5785	8.830	8.824	99.63	11.837	≤ 30.00
11be-EHT20	MCS0	165	5825	8.523	8.948	99.63	11.751	≤ 30.00
11be-EHT40	MCS0	151	5755	6.348	6.637	99.27	9.505	≤ 30.00
11be-EHT40	MCS0	159	5795	6.652	6.823	99.27	9.749	≤ 30.00
11be-EHT80	MCS0	155	5775	1.397	0.822	99.09	4.129	≤ 30.00

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

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

802.11a Power Spectral Density- Ant 0

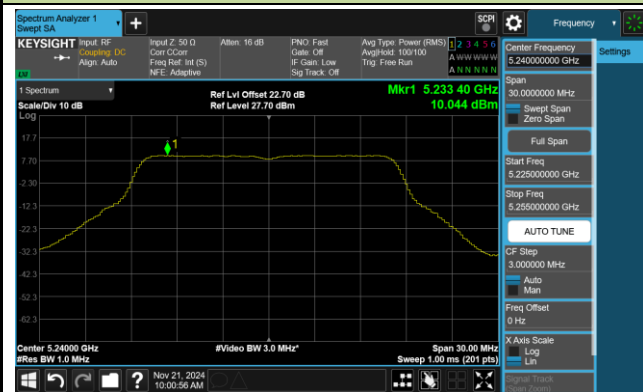
Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



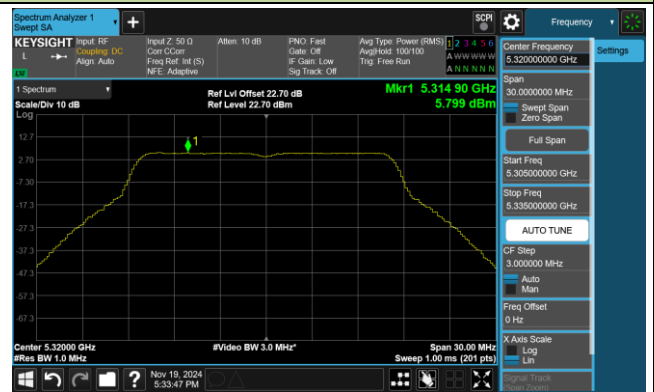
Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 116 (5580MHz)

