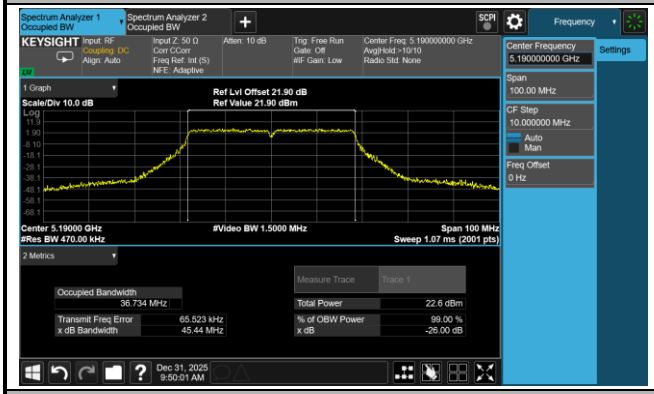
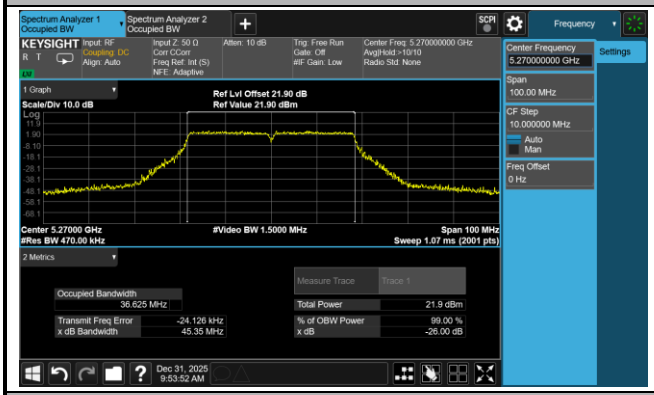
802.11ac-VHT40 26 dB Bandwidth & 99% Bandwidth

Channel 38 (5190 MHz)



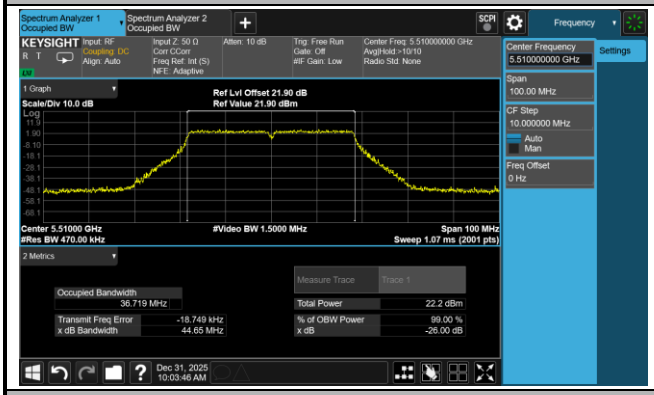
Channel 46 (5230 MHz)

Channel 54 (5270 MHz)

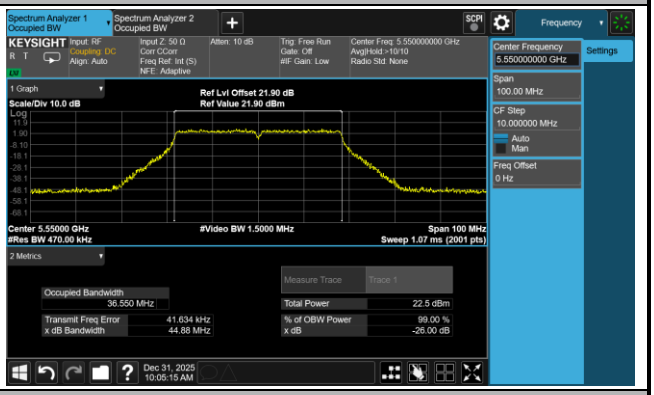


Channel 62 (5310 MHz)

Channel 102 (5510 MHz)

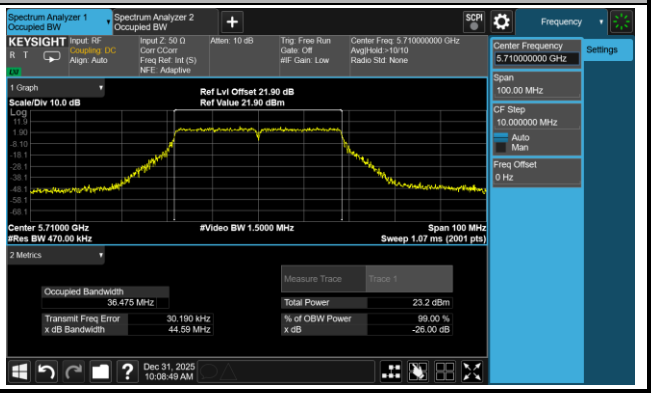


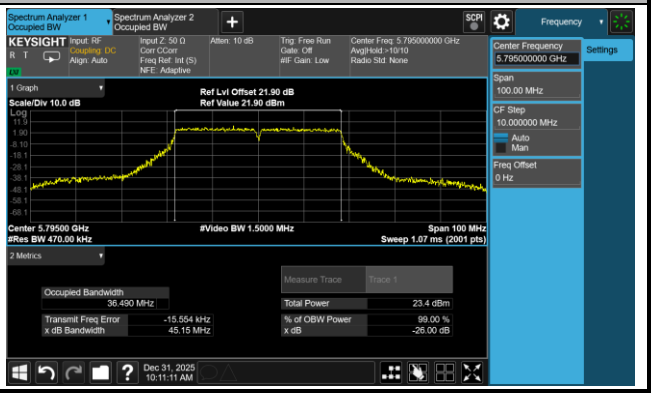
Channel 110 (5550 MHz)

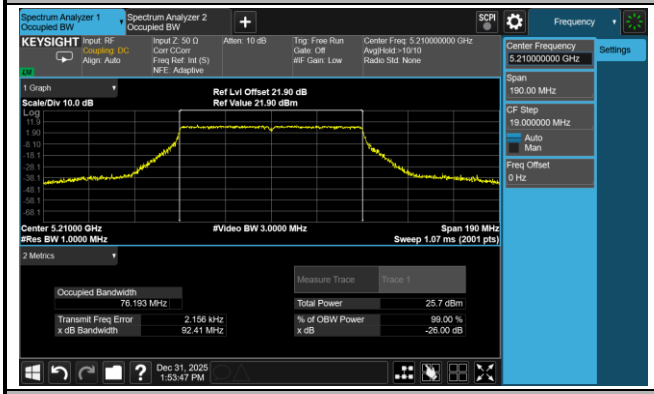
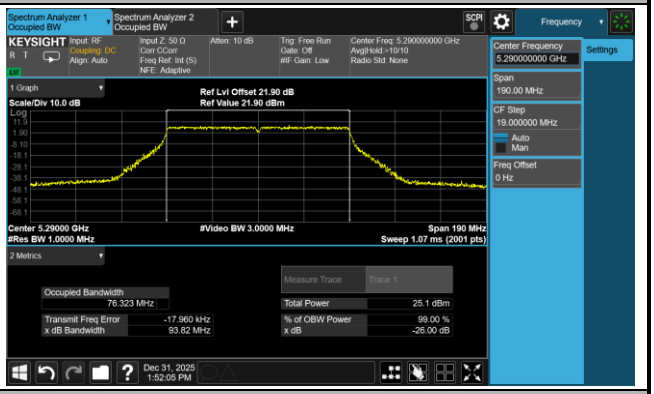
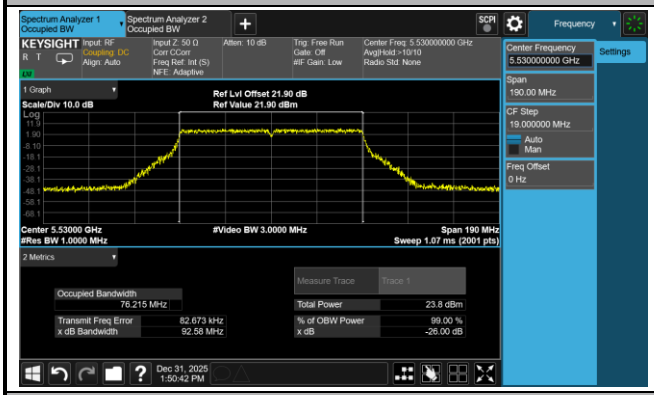
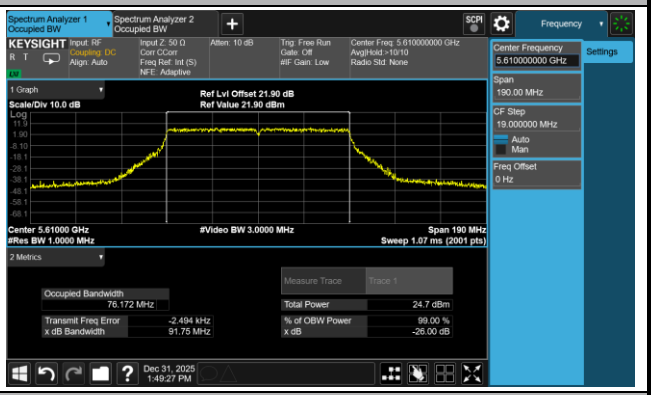
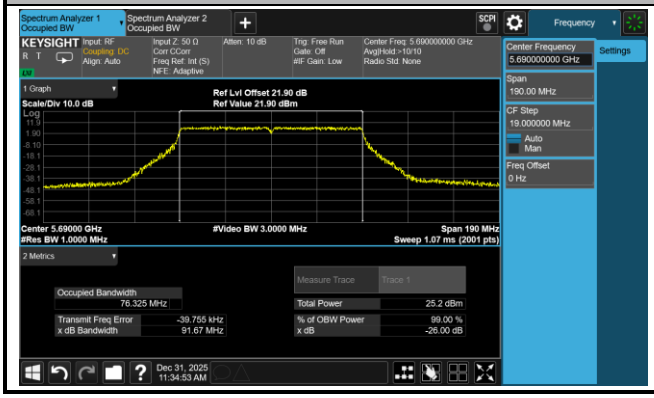


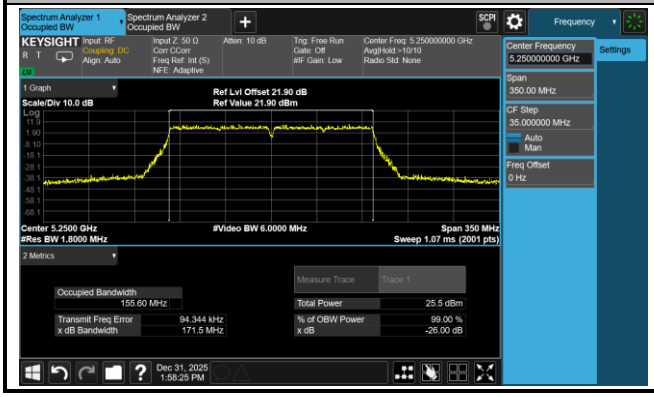
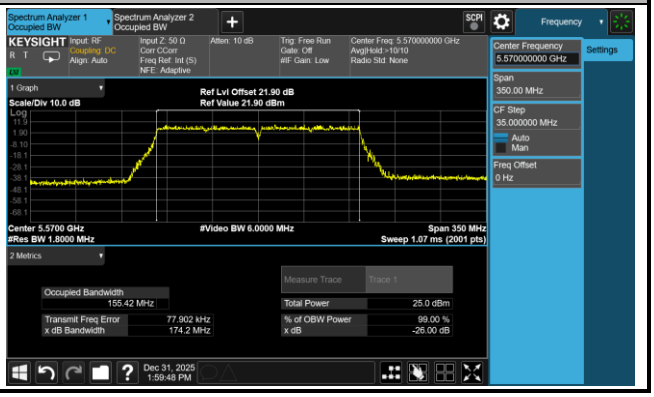
Channel 134 (5670 MHz)

Channel 142(5710 MHz)



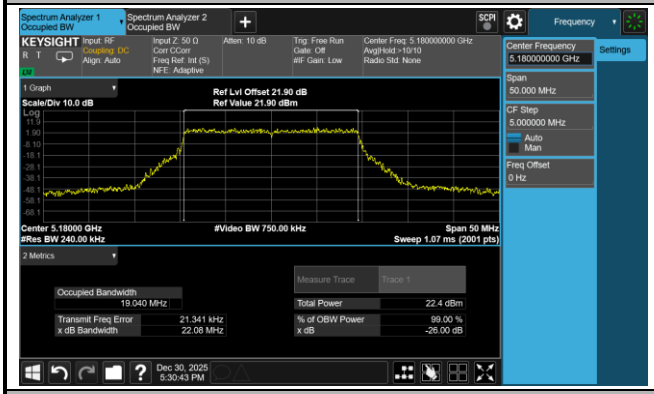
802.11ac-VHT40 26 dB Bandwidth & 99% Bandwidth	
Channel 151 (5755 MHz)	Channel 159 (5795 MHz)
	

802.11ac-VHT80 26 dB Bandwidth & 99% Bandwidth	
Channel 42 (5210 MHz)	Channel 58 (5290 MHz)
	
Channel 106 (5530 MHz)	Channel 122 (5610 MHz)
	
Channel 138 (5690 MHz)	Channel 155 (5775 MHz)
	

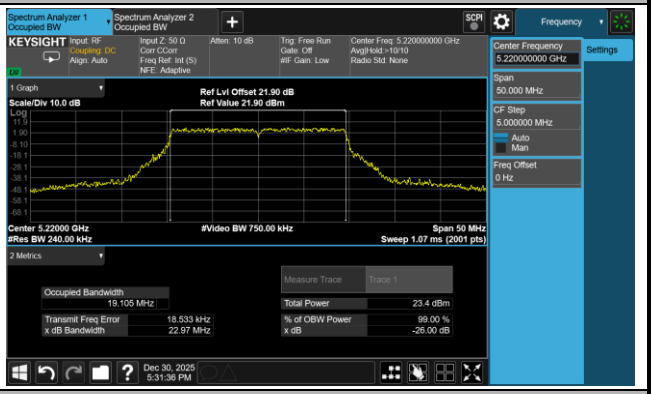
802.11ac-VHT160 26 dB Bandwidth & 99% Bandwidth	
Channel 50 (5250 MHz)	Channel 114 (5570 MHz)
	

802.11be-EHT20 26 dB Bandwidth & 99% Bandwidth

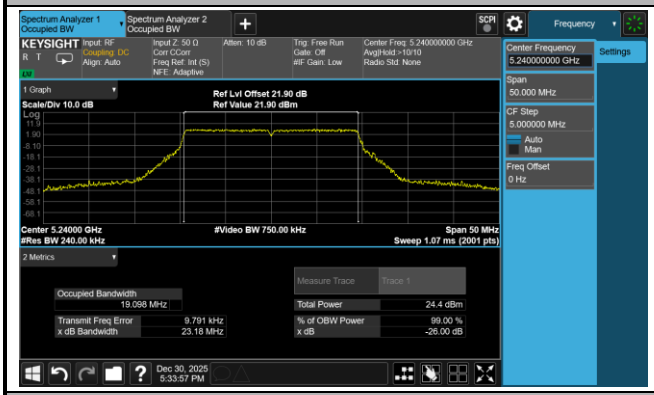
Channel 36 (5180 MHz)



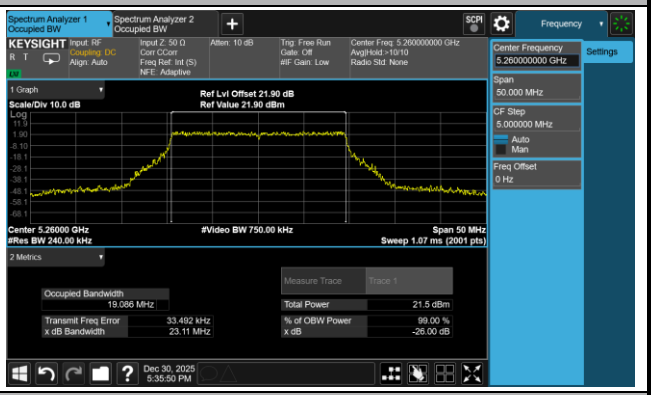
Channel 44 (5220 MHz)



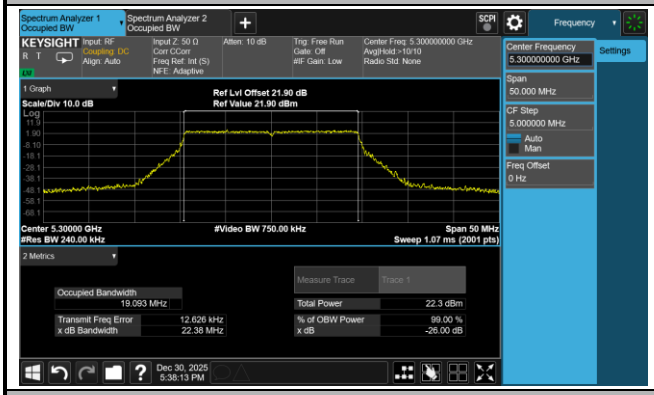
Channel 48 (5240 MHz)



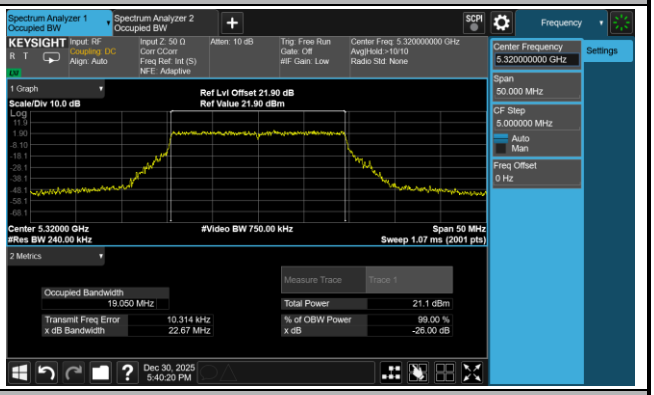
Channel 52 (5260 MHz)



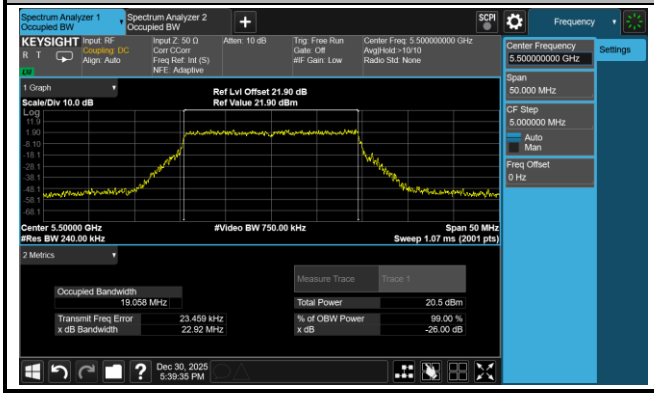
Channel 60 (5300 MHz)



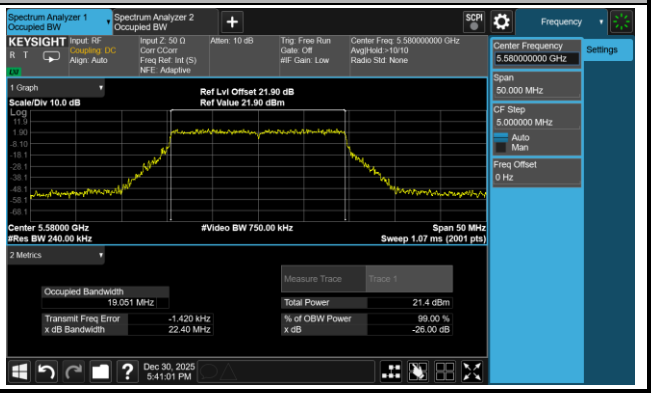
Channel 64 (5320 MHz)

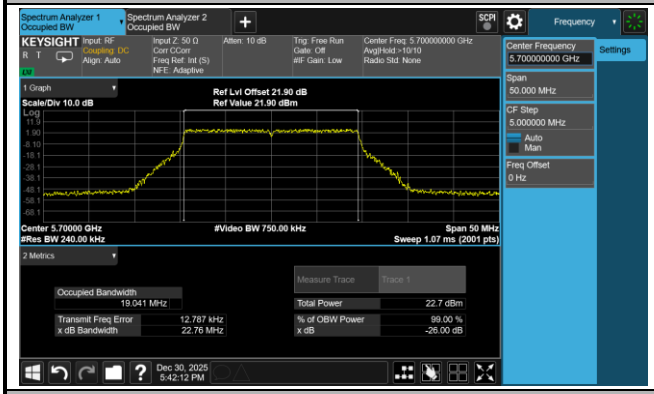
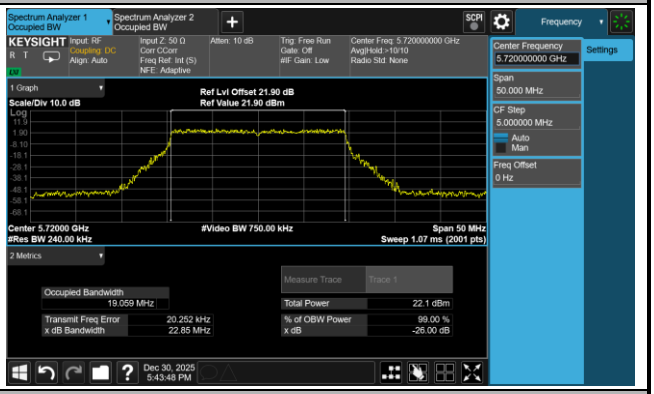
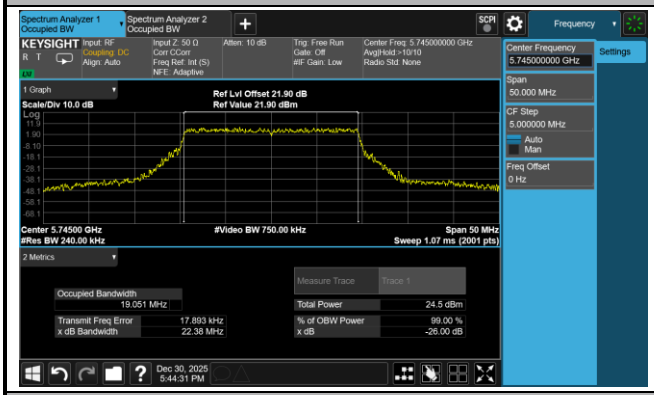
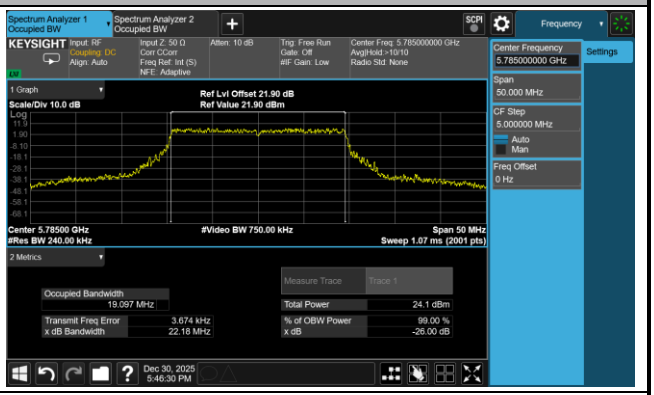
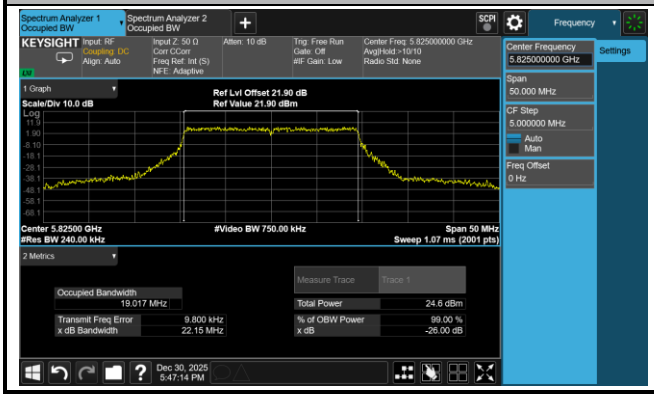


Channel 100 (5500 MHz)



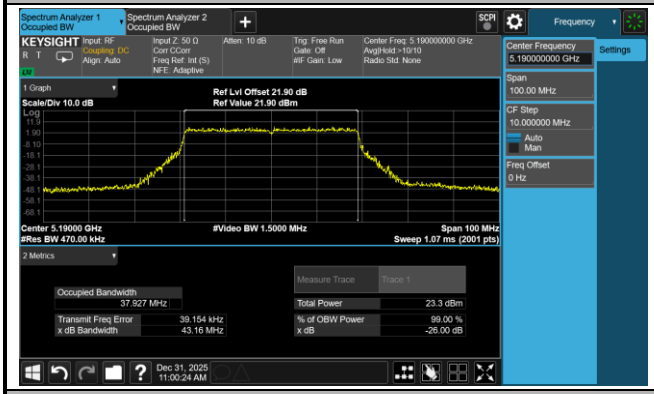
Channel 116 (5580 MHz)



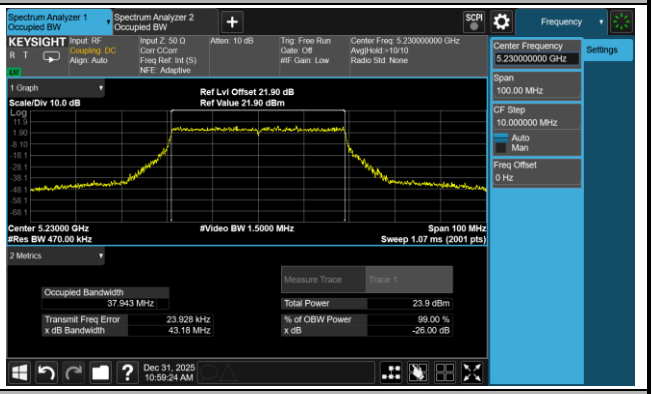
802.11be-EHT20 26 dB Bandwidth & 99% Bandwidth	
Channel 140 (5700 MHz)	Channel 144(5720 MHz)
	
Channel 149 (5745 MHz)	Channel 157 (5785 MHz)
	
Channel 165 (5825 MHz)	
	

802.11be-EHT40 26 dB Bandwidth & 99% Bandwidth

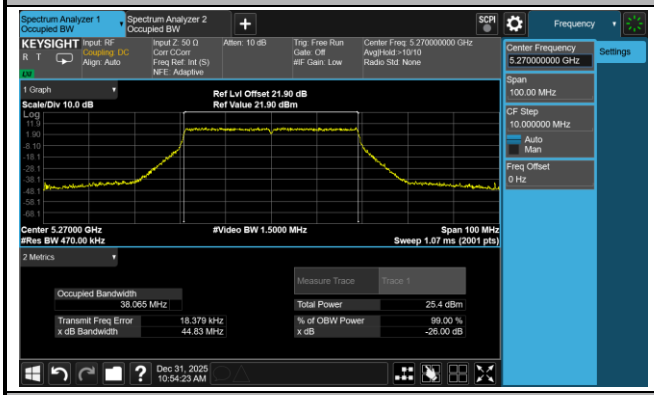
Channel 38 (5190 MHz)



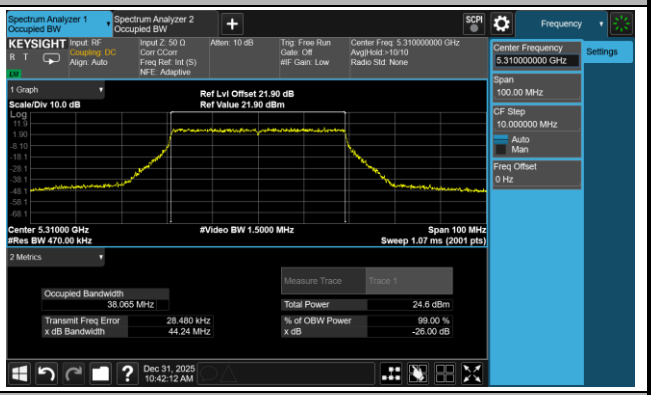
Channel 46 (5230 MHz)



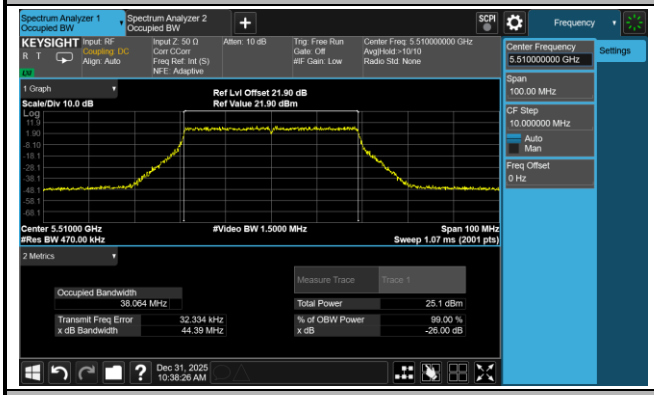
Channel 54 (5270 MHz)



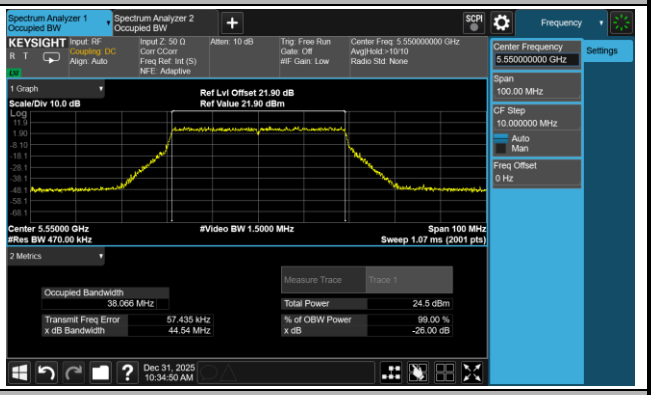
Channel 62 (5310 MHz)



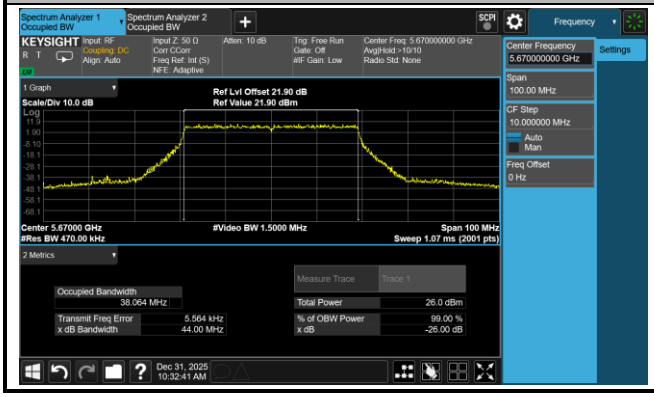
Channel 102 (5510 MHz)



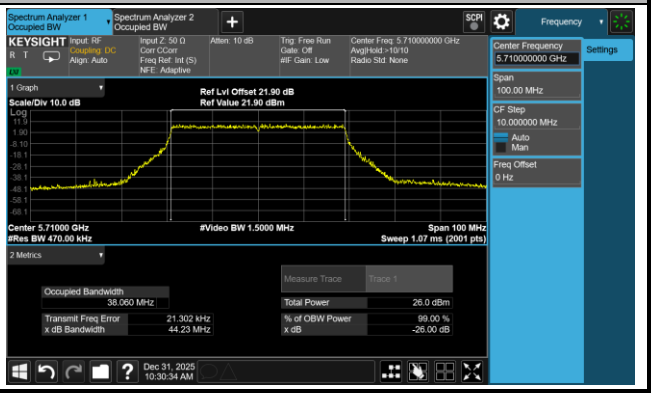
Channel 110 (5550 MHz)

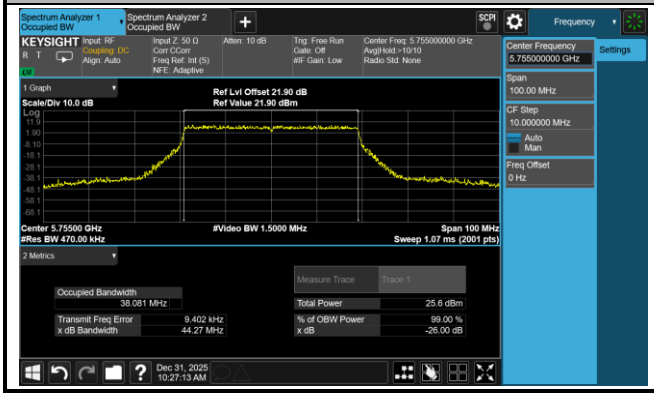
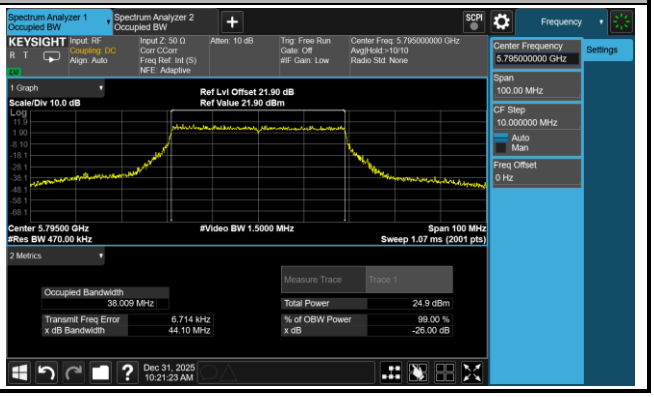


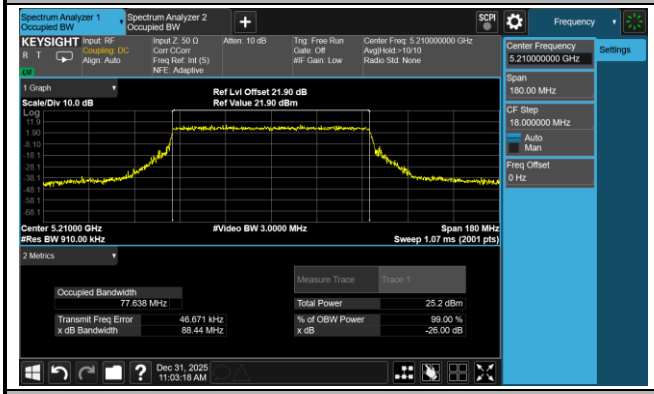
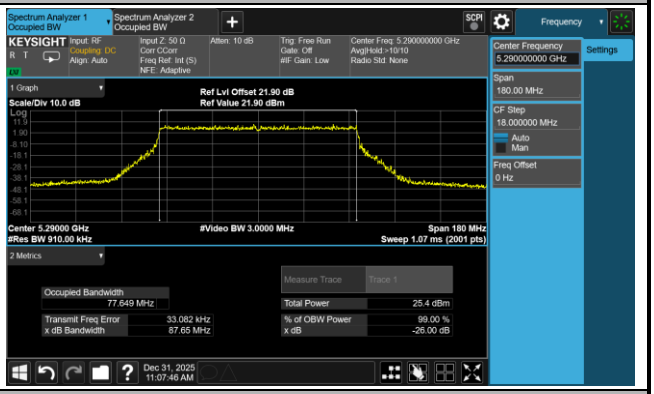
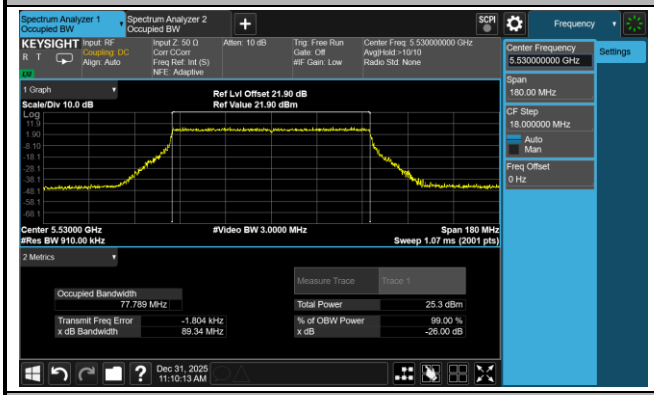
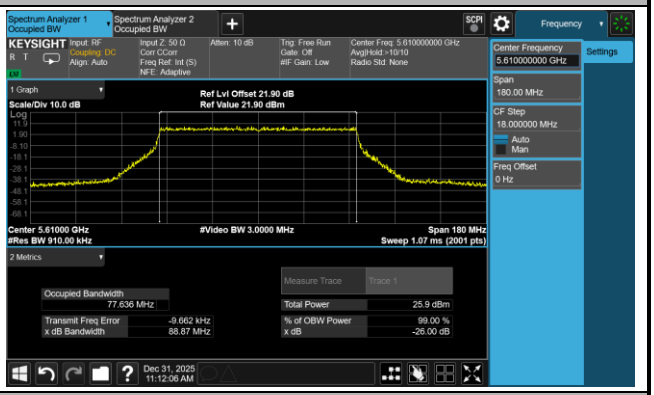
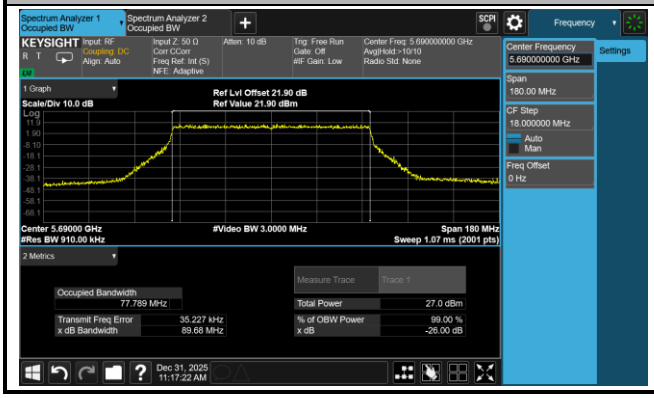
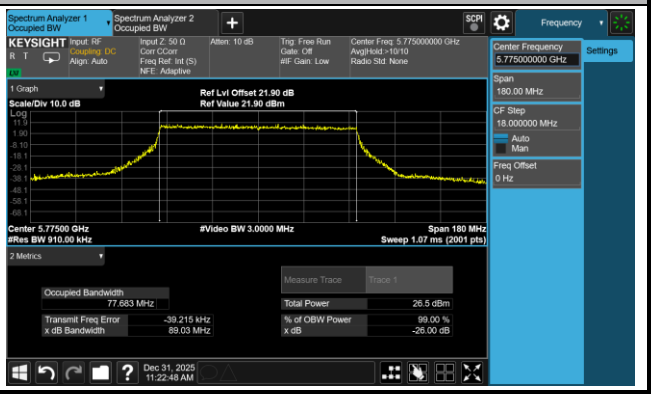
Channel 134 (5670 MHz)

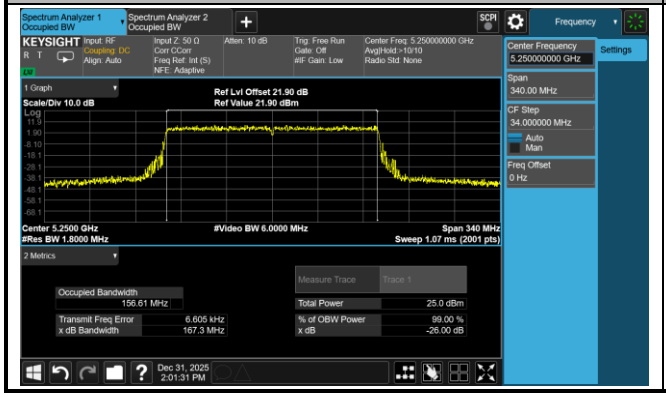
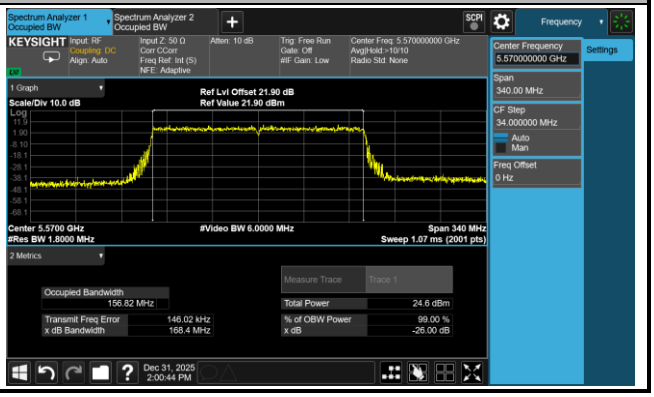


Channel 142(5710 MHz)



802.11be-EHT40 26 dB Bandwidth & 99% Bandwidth	
Channel 151 (5755 MHz)	Channel 159 (5795 MHz)
	

802.11be-EHT80 26 dB Bandwidth & 99% Bandwidth	
Channel 42 (5210 MHz)	Channel 58 (5290 MHz)
	
Channel 106 (5530 MHz)	Channel 122 (5610 MHz)
	
Channel 138 (5690 MHz)	Channel 155 (5775 MHz)
	

802.11be-EHT160 26 dB Bandwidth & 99% Bandwidth	
Channel 50 (5250 MHz)	Channel 114 (5570 MHz)
	

WLAN Config 2 (High Band)

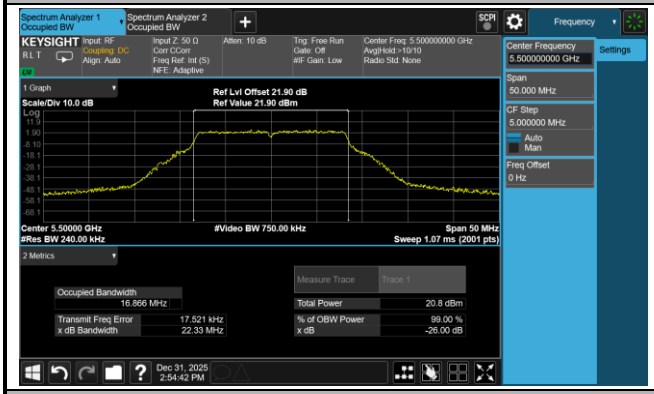
Test Site	WJ-SR3	Test Engineer	Ellie Wang
Test Date	2025-12-31 ~ 2026-01-04	Model No.	AP541

Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	6 Mbps	100	5500	22.33	16.866
11a	6 Mbps	116	5580	22.29	16.888
11a	6 Mbps	140	5700	22.47	16.933
11a	6 Mbps	144	5720	22.44	16.923
11a	6 Mbps	149	5745	22.14	16.868
11a	6 Mbps	157	5785	22.37	16.855
11a	6 Mbps	165	5825	22.45	16.876
11ac-VHT20	MCS0	100	5500	22.87	17.915
11ac-VHT20	MCS0	116	5580	22.60	17.896
11ac-VHT20	MCS0	140	5700	22.74	17.913
11ac-VHT20	MCS0	144	5720	23.21	17.970
11ac-VHT20	MCS0	149	5745	22.46	17.956
11ac-VHT20	MCS0	157	5785	22.76	17.932
11ac-VHT20	MCS0	165	5825	23.29	17.945
11ac-VHT40	MCS0	102	5510	44.57	36.696
11ac-VHT40	MCS0	110	5550	45.21	36.763
11ac-VHT40	MCS0	134	5670	45.67	36.870
11ac-VHT40	MCS0	142	5710	45.02	36.592
11ac-VHT40	MCS0	151	5755	46.03	36.732
11ac-VHT40	MCS0	159	5795	45.01	36.747
11ac-VHT80	MCS0	106	5530	90.57	76.074
11ac-VHT80	MCS0	122	5610	90.86	76.080
11ac-VHT80	MCS0	138	5690	90.35	76.088
11ac-VHT80	MCS0	155	5775	90.52	75.998
11ac-VHT160	MCS0	114	5570	173.7	155.58

Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11be-EHT20	MCS0	100	5500	22.12	19.035
11be-EHT20	MCS0	116	5580	23.00	19.105
11be-EHT20	MCS0	140	5700	22.98	19.099
11be-EHT20	MCS0	144	5720	22.33	19.054
11be-EHT20	MCS0	149	5745	22.51	19.090
11be-EHT20	MCS0	157	5785	22.09	19.098
11be-EHT20	MCS0	165	5825	23.12	19.139
11be-EHT40	MCS0	102	5510	44.23	38.074
11be-EHT40	MCS0	110	5550	44.29	38.062
11be-EHT40	MCS0	134	5670	44.88	38.042
11be-EHT40	MCS0	142	5710	43.64	38.004
11be-EHT40	MCS0	151	5755	43.54	38.029
11be-EHT40	MCS0	159	5795	43.12	38.009
11be-EHT80	MCS0	106	5530	85.67	77.649
11be-EHT80	MCS0	122	5610	89.50	77.687
11be-EHT80	MCS0	138	5690	89.80	77.711
11be-EHT80	MCS0	155	5775	88.24	77.726
11be-EHT160	MCS0	114	5570	171.6	156.70

802.11a 26 dB Bandwidth & 99% Bandwidth

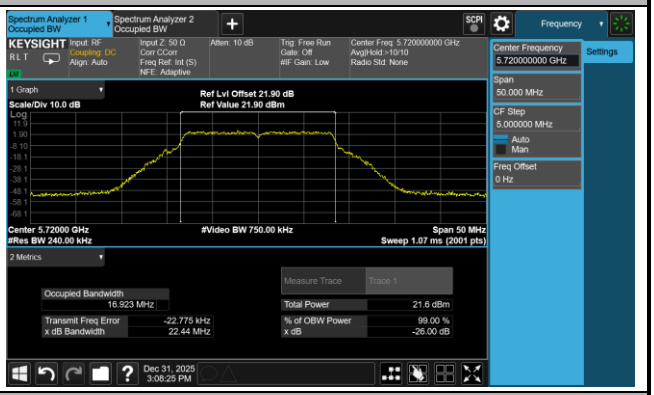
Channel 100 (5500 MHz)



Channel 116 (5580 MHz)

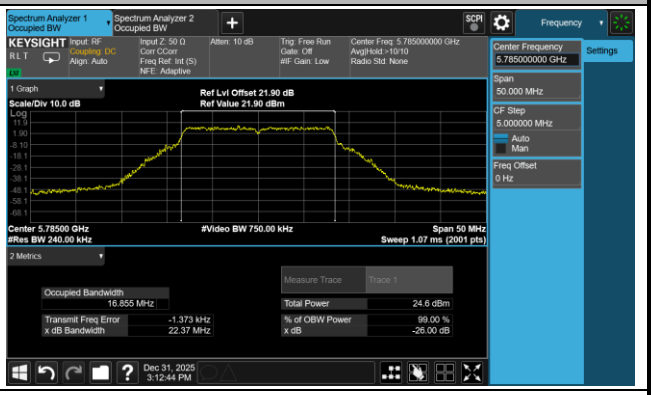
Channel 140 (5700 MHz)

Channel 144(5720 MHz)



Channel 149 (5745 MHz)

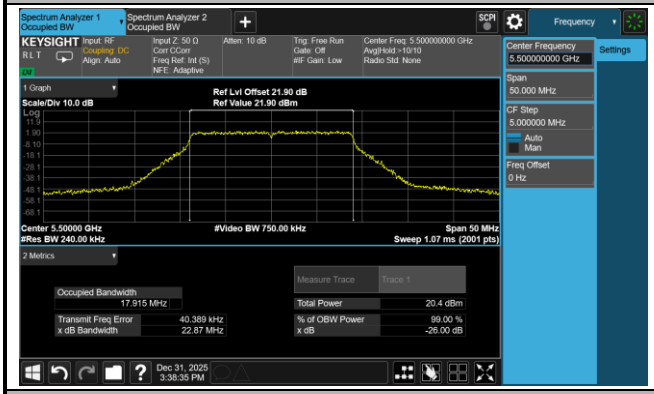
Channel 157 (5785 MHz)



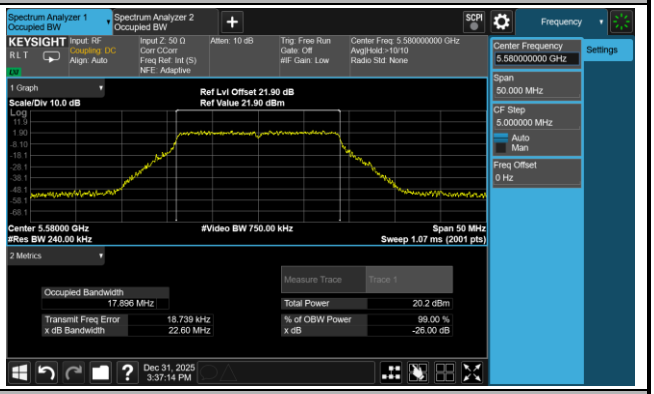
Channel 165 (5825 MHz)

802.11ac-VHT20 26 dB Bandwidth & 99% Bandwidth

Channel 100 (5500 MHz)

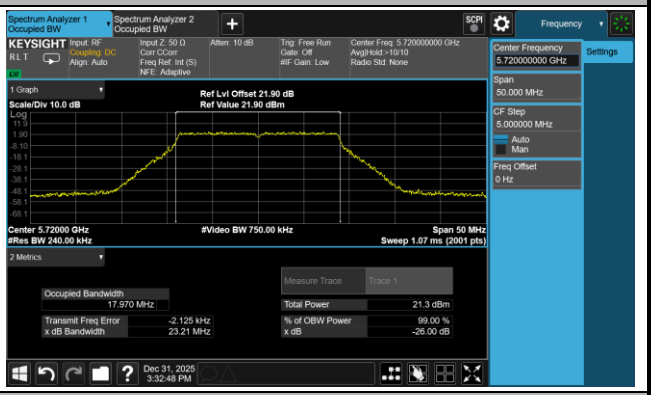


Channel 116 (5580 MHz)

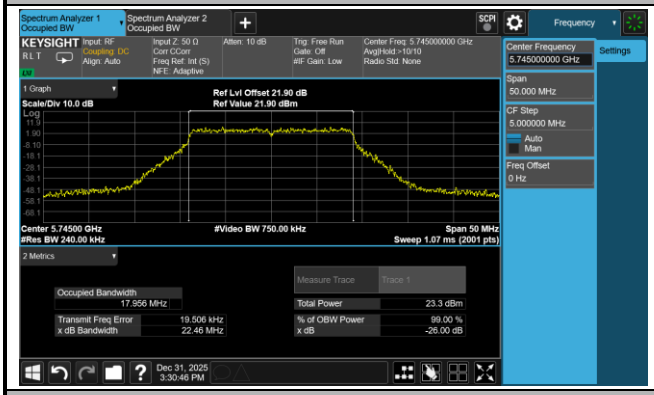


Channel 140 (5700 MHz)

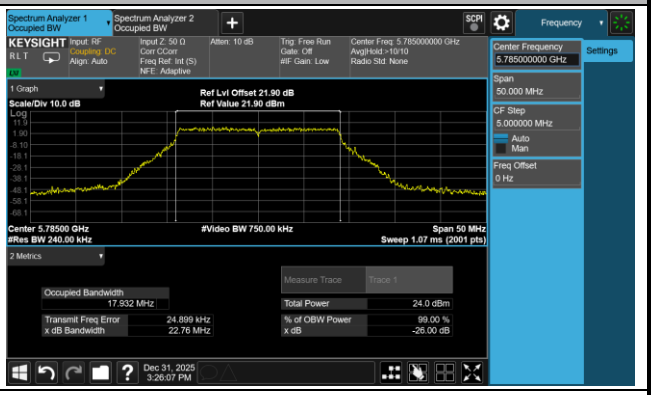
Channel 144(5720 MHz)



Channel 149 (5745 MHz)



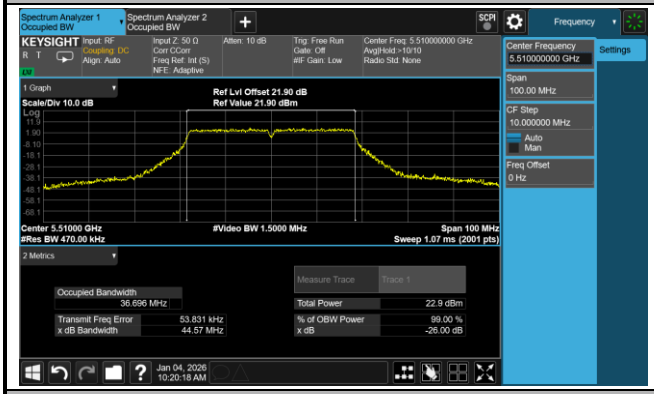
Channel 157 (5785 MHz)



Channel 165 (5825 MHz)

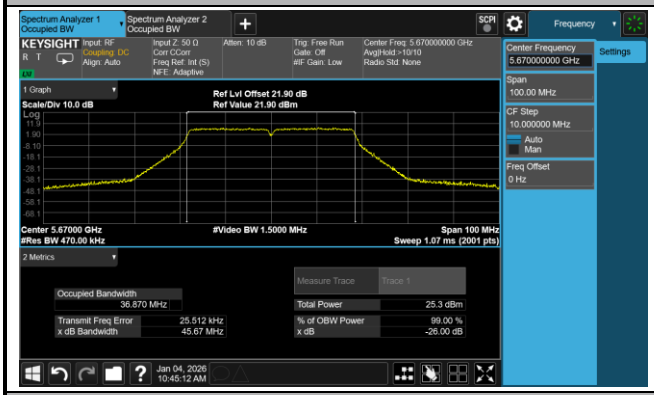
802.11ac-VHT40 26 dB Bandwidth & 99% Bandwidth

Channel 102 (5510 MHz)

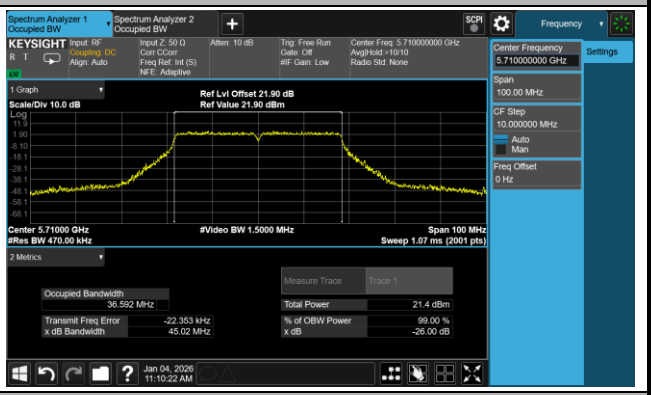


Channel 110 (5550 MHz)

Channel 134 (5670 MHz)



Channel 142(5710 MHz)



Channel 151 (5755 MHz)

Channel 159 (5795 MHz)