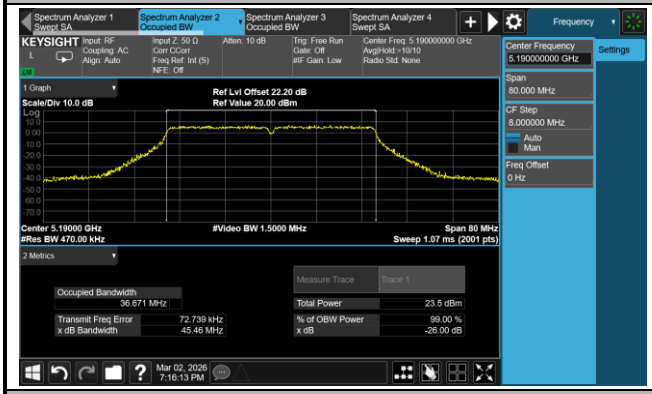
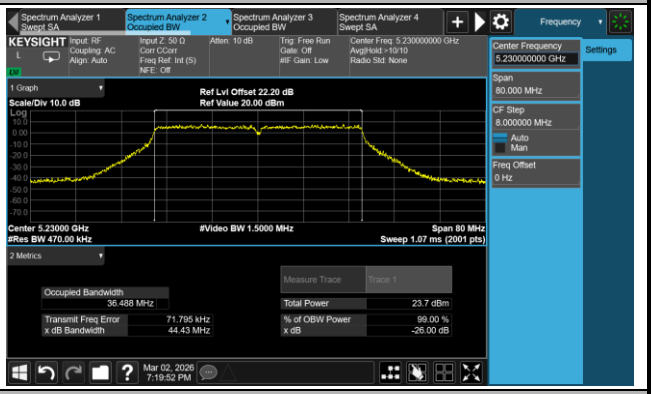
802.11ac-VHT40 26 dB Bandwidth & 99% Bandwidth

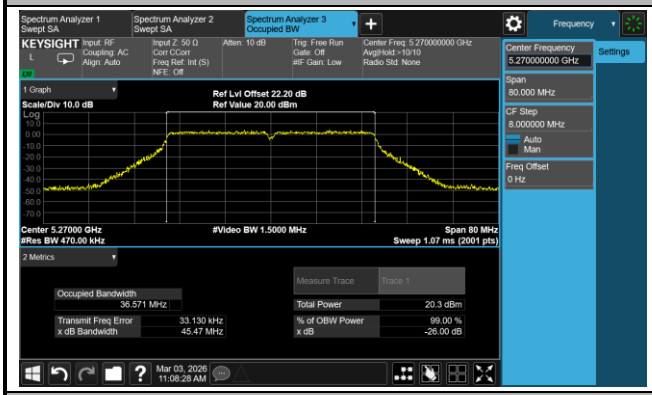
Channel 38 (5190 MHz)



Channel 46 (5230 MHz)

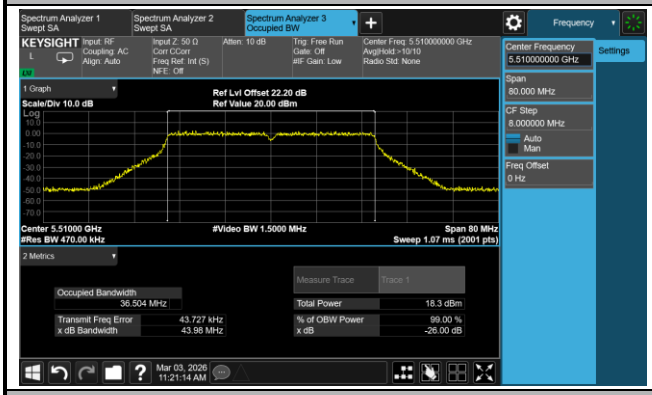


Channel 54 (5270 MHz)

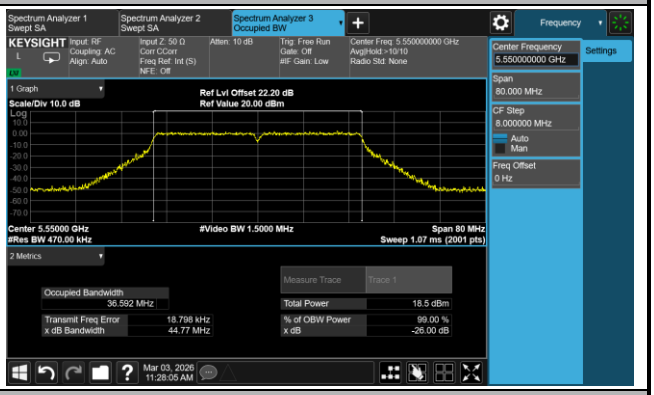


Channel 62 (5310 MHz)

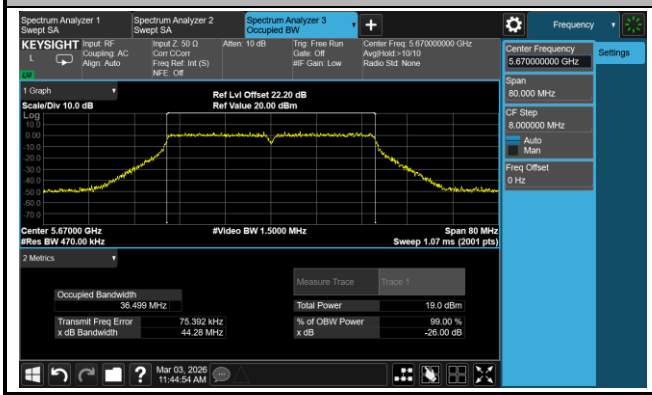
Channel 102 (5510 MHz)



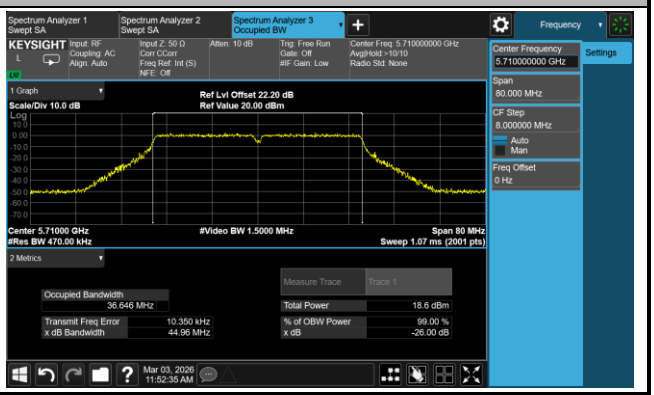
Channel 110 (5550 MHz)

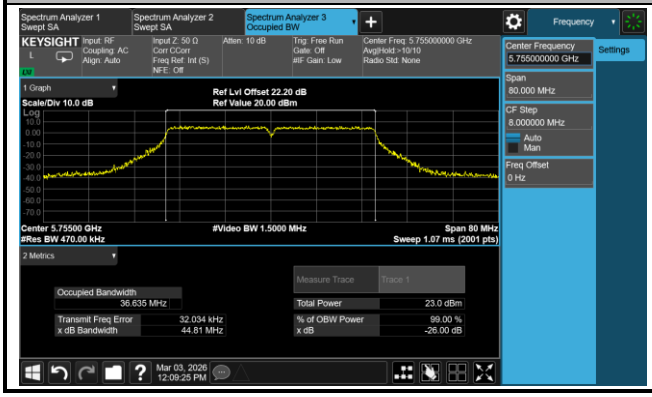
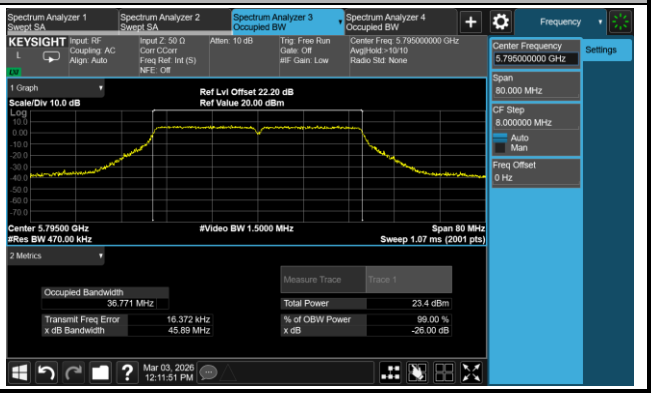


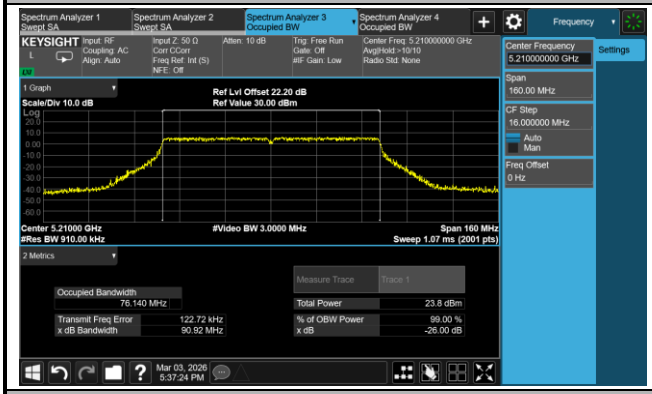
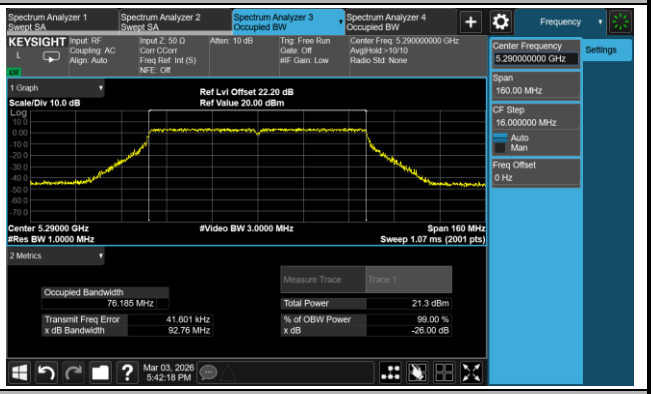
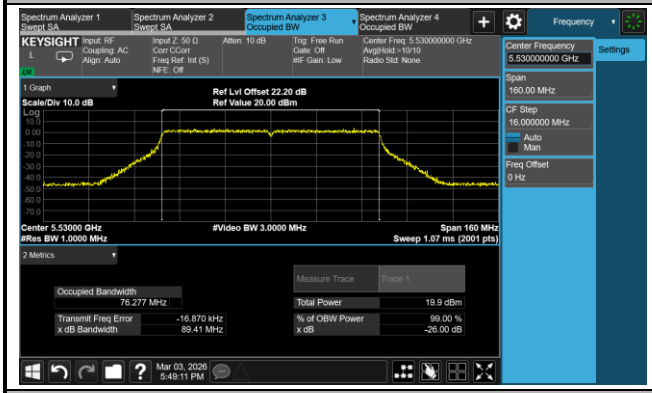
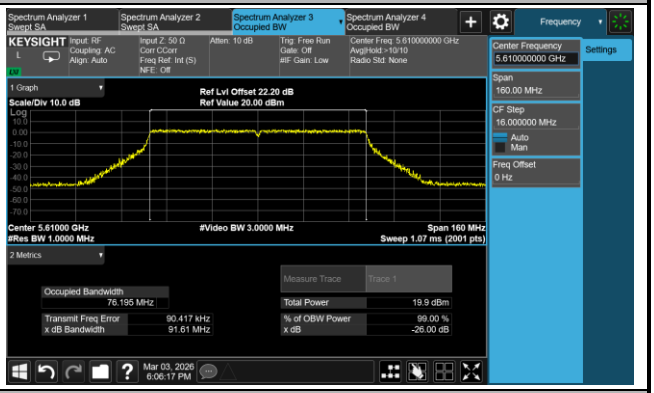
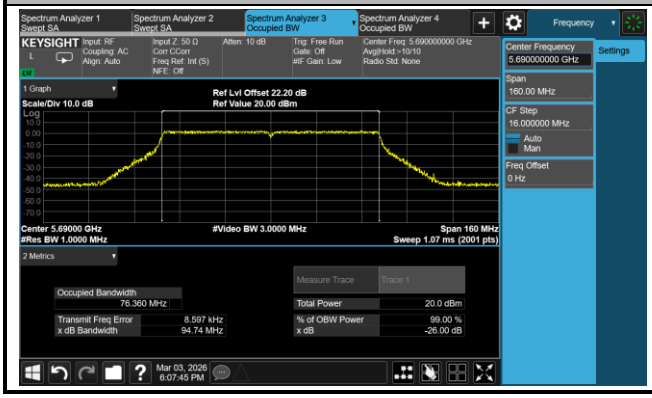
Channel 134 (5670 MHz)

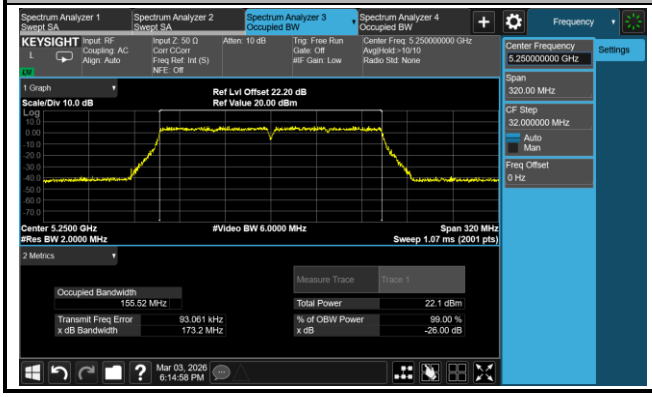
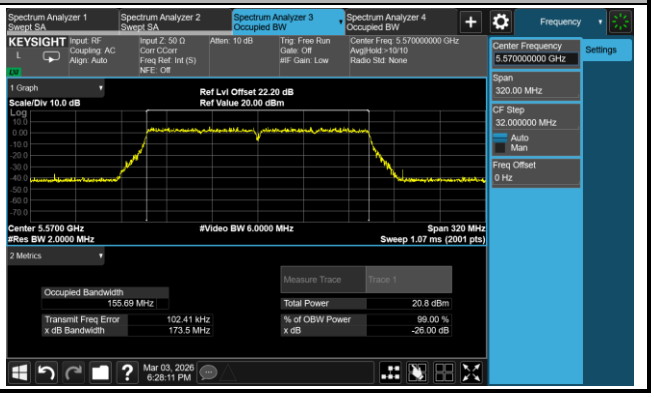


Channel 142 (5710 MHz)



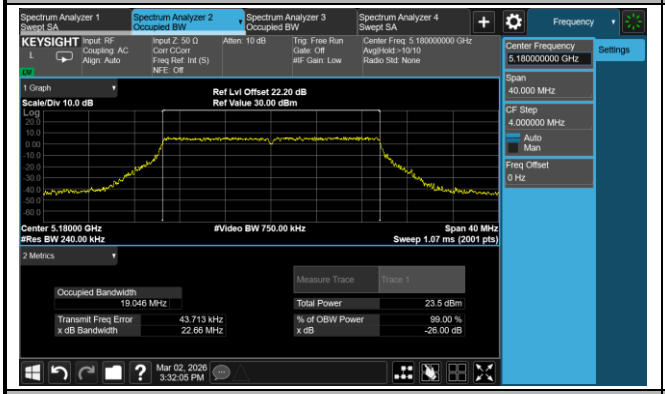
802.11ac-VHT40 26 dB Bandwidth & 99% Bandwidth	
Channel 151 (5755 MHz)	Channel 159 (5795 MHz)
	

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)
	

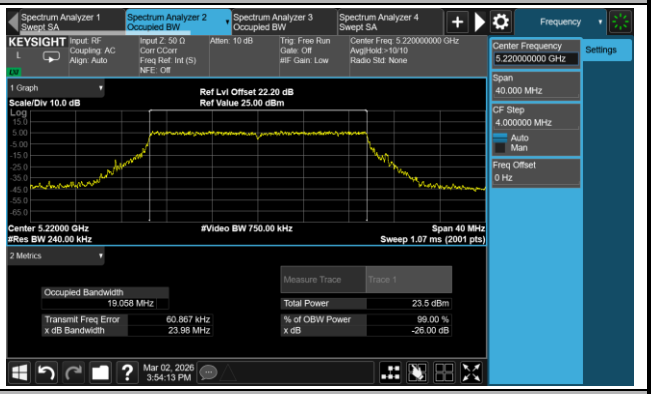
802.11ac-VHT160 26 dB Bandwidth & 99% Bandwidth	
Channel 50 (5250 MHz)	Channel 114 (5570 MHz)
	

802.11be-EHT20 26 dB Bandwidth & 99% Bandwidth

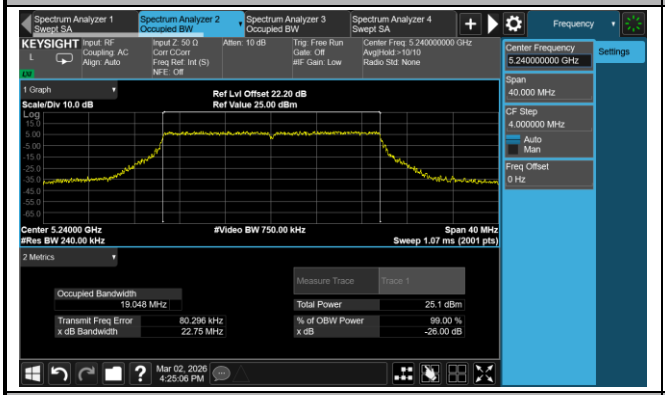
Channel 36 (5180 MHz)



Channel 44 (5220 MHz)

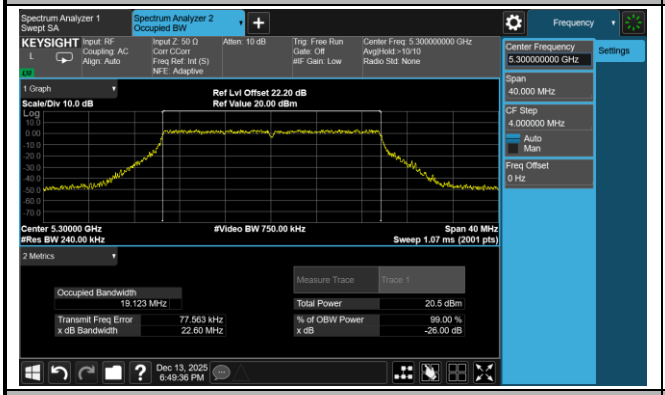


Channel 48 (5240 MHz)



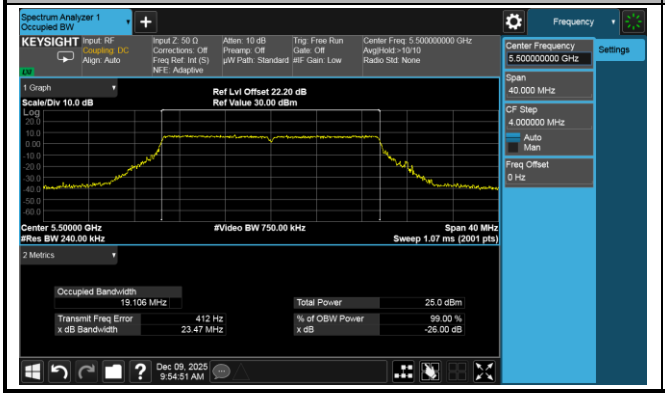
Channel 52 (5260 MHz)

Channel 60 (5300 MHz)

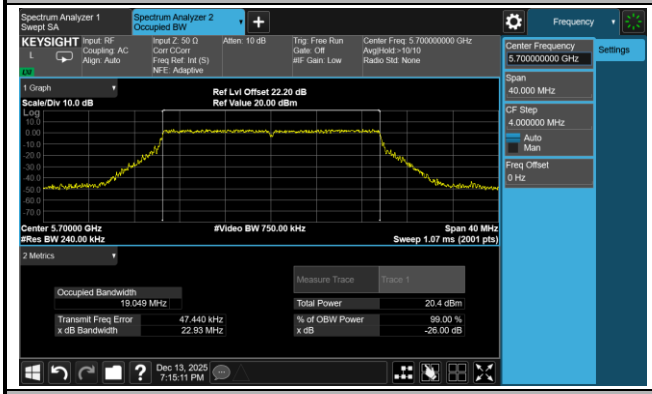
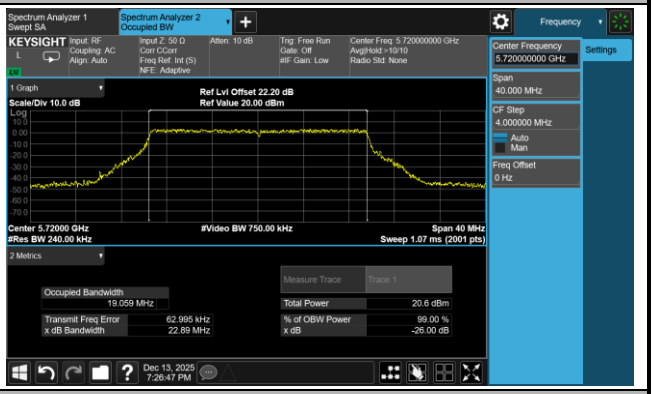
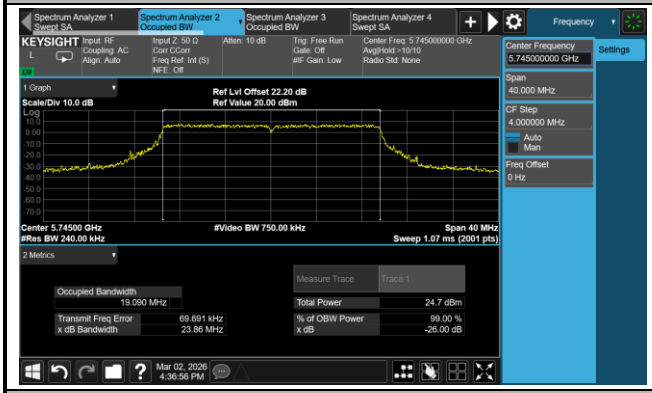
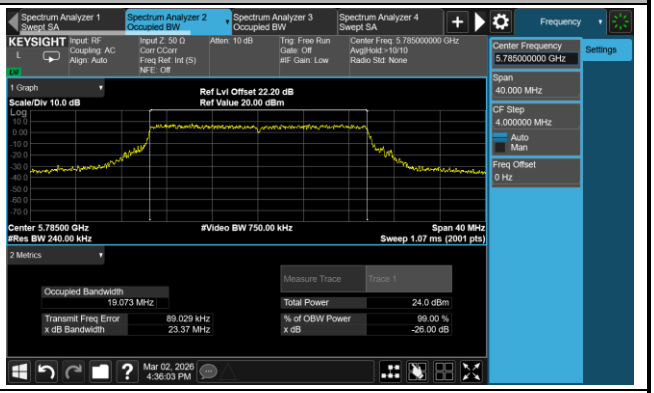
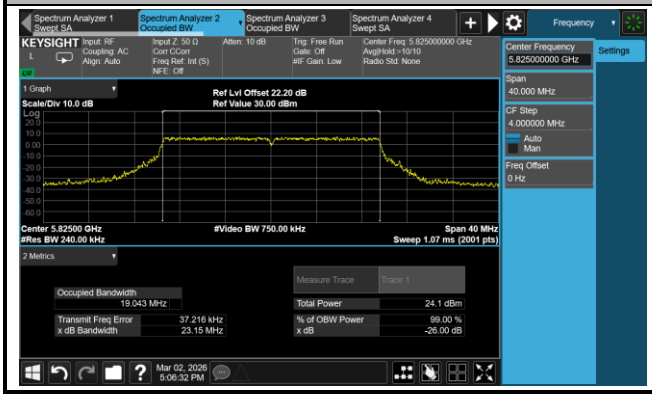


Channel 64 (5320 MHz)

Channel 100 (5500 MHz)

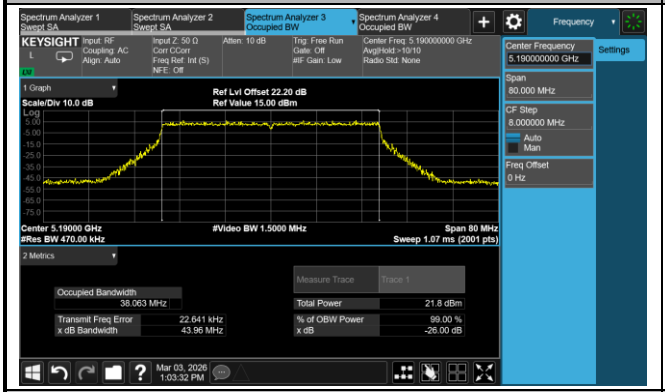


Channel 116 (5580 MHz)

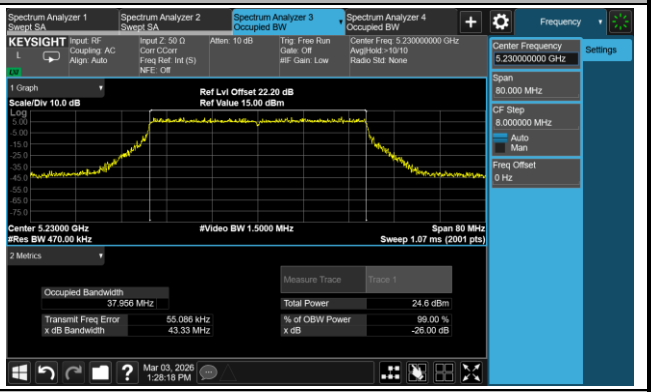
802.11be-EHT20 26 dB Bandwidth & 99% Bandwidth	
Channel 140 (5700 MHz)	Channel 144 (5720 MHz)
	
Channel 149 (5745 MHz)	Channel 157 (5785 MHz)
	
Channel 165 (5825 MHz)	
	

802.11be-EHT40 26 dB Bandwidth & 99% Bandwidth

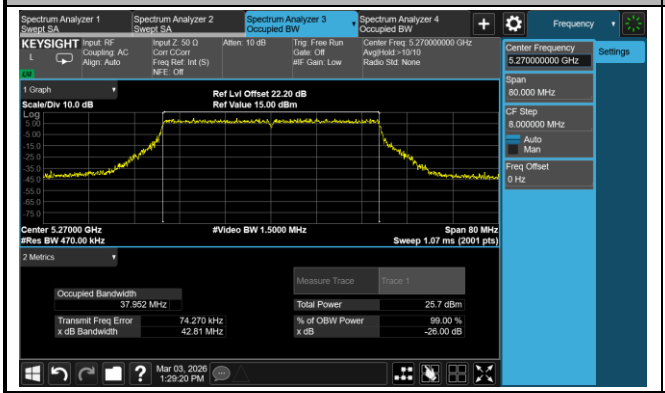
Channel 38 (5190 MHz)



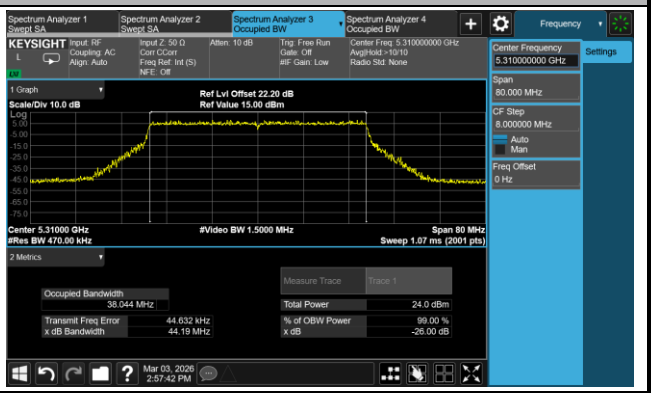
Channel 46 (5230 MHz)



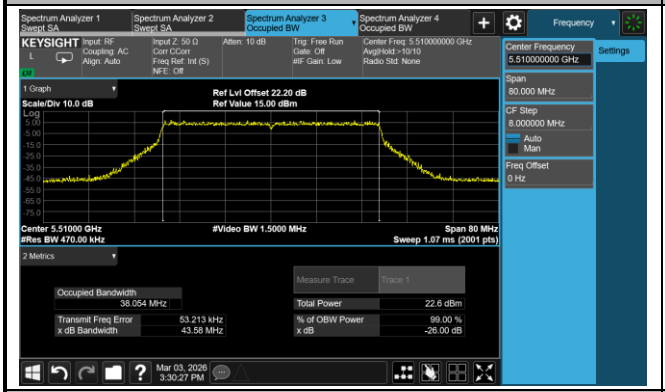
Channel 54 (5270 MHz)



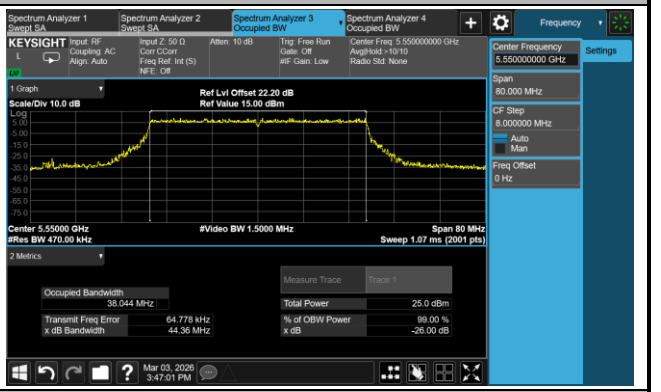
Channel 62 (5310 MHz)



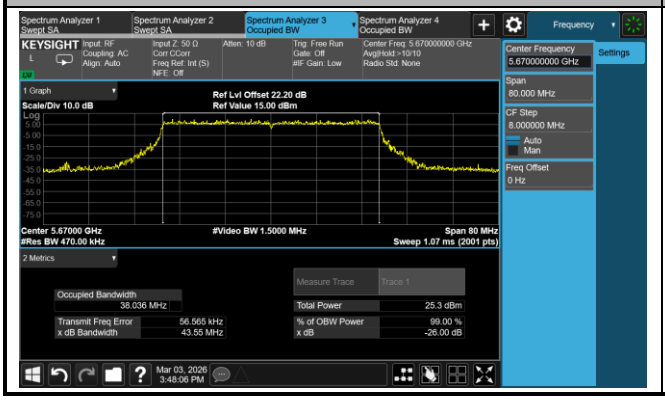
Channel 102 (5510 MHz)



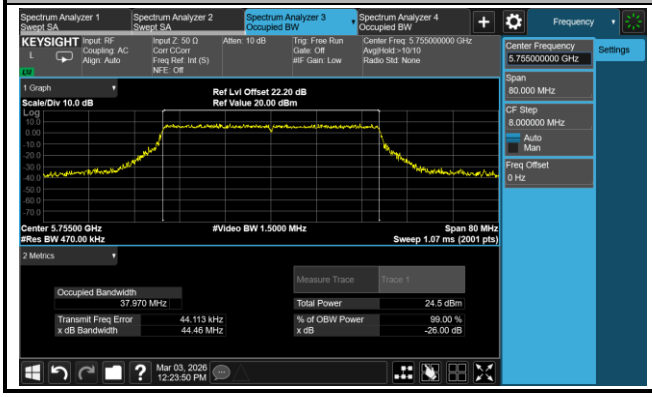
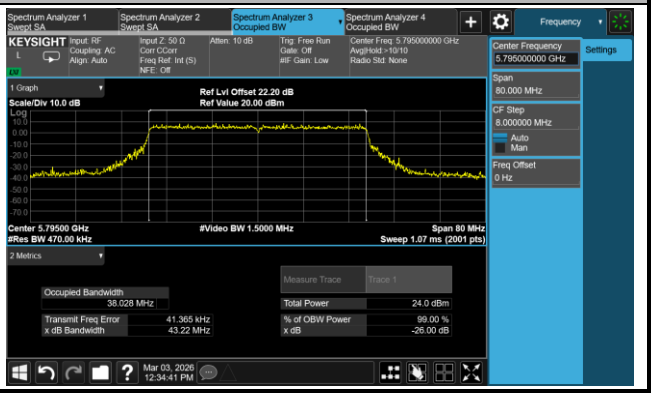
Channel 110 (5550 MHz)

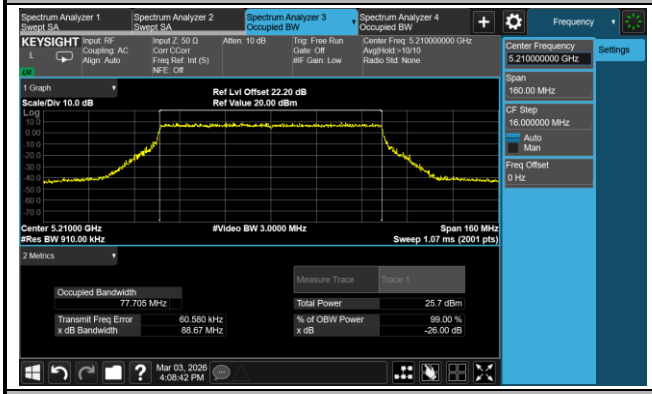
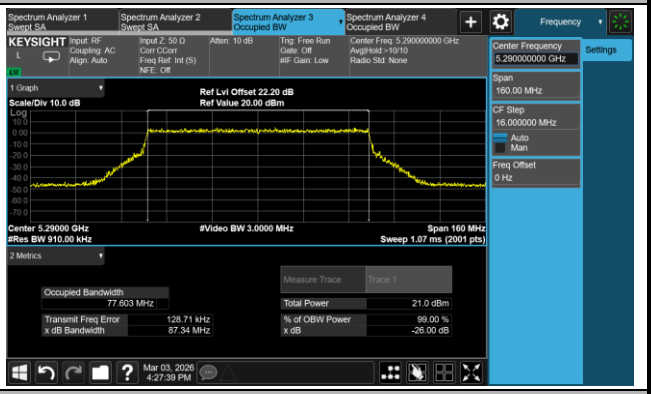
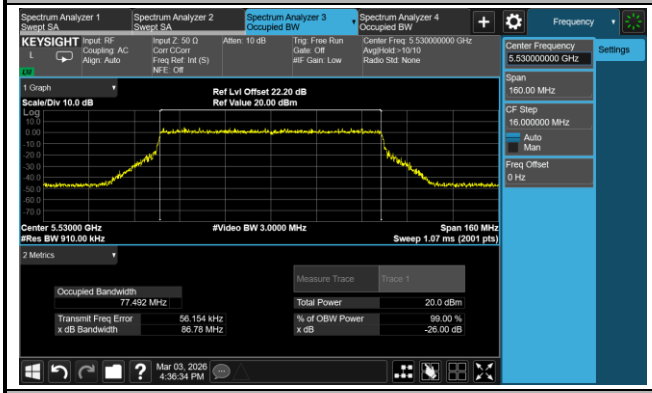
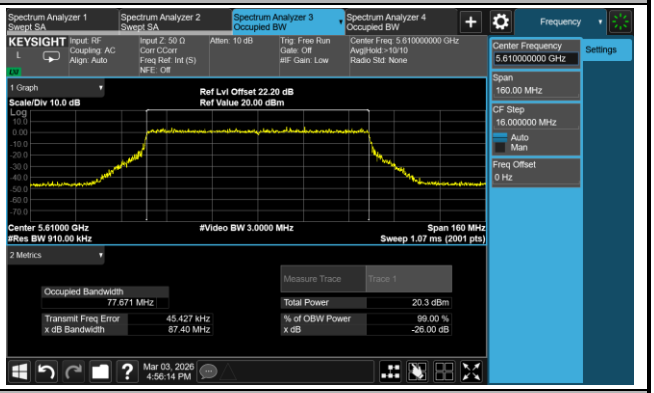
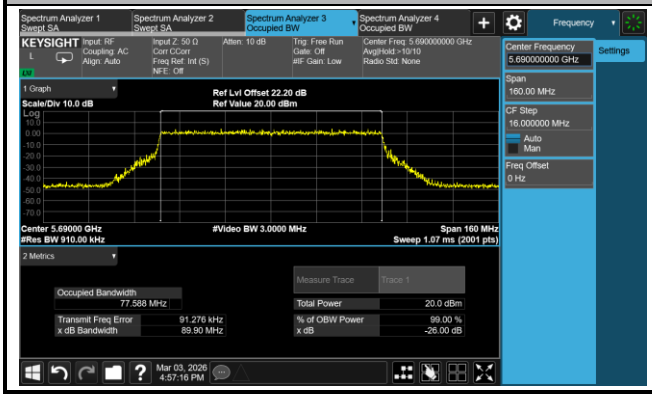
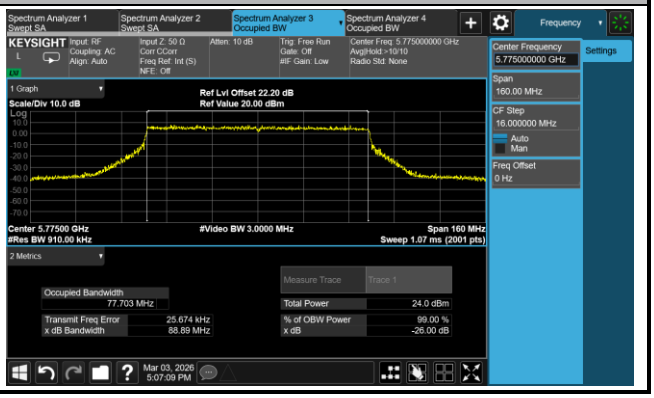


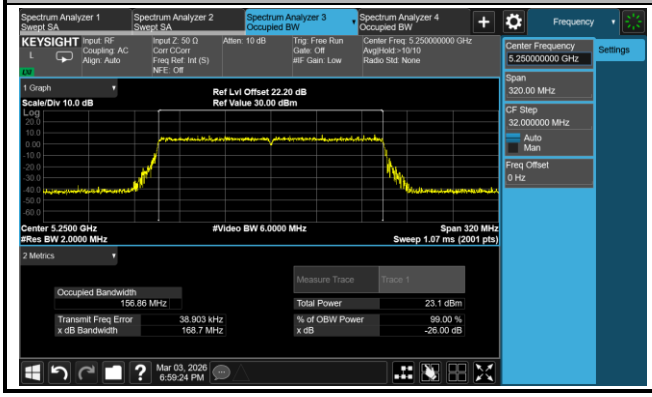
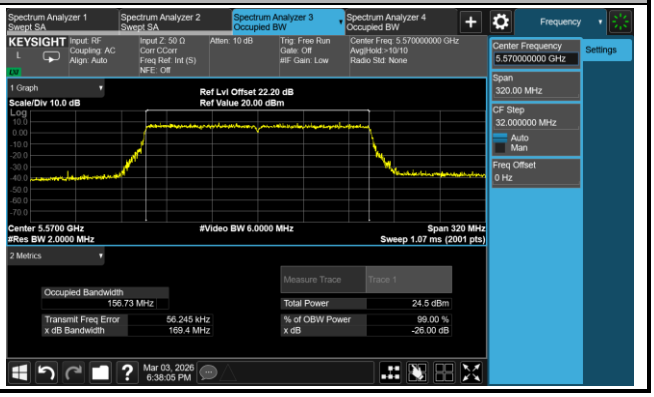
Channel 134 (5670 MHz)



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)
	

AP541e - WLAN Config 2

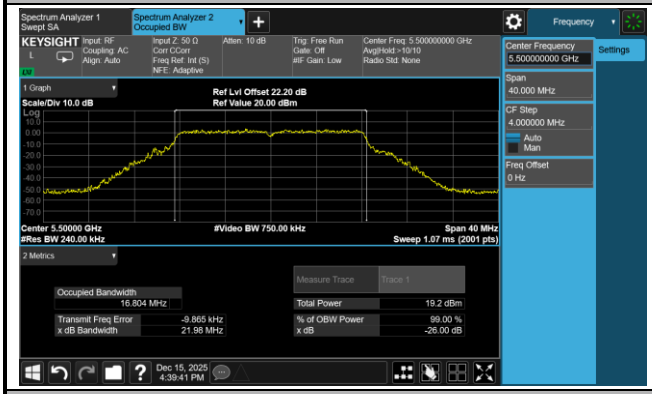
Test Site	SIP-TR2	Test Engineer	Nolan Chen
Test Date	2025-12-09 ~ 2026-03-04		

Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	6 Mbps	100	5500	21.98	16.804
11a	6 Mbps	116	5580	22.53	16.884
11a	6 Mbps	140	5700	22.51	16.869
11a	6 Mbps	144	5720	22.54	16.893
11a	6 Mbps	149	5745	22.41	16.866
11a	6 Mbps	157	5785	22.33	16.850
11a	6 Mbps	165	5825	22.60	16.900
11ac-VHT20	MCS0	100	5500	23.25	17.926
11ac-VHT20	MCS0	116	5580	23.11	17.886
11ac-VHT20	MCS0	140	5700	23.43	18.065
11ac-VHT20	MCS0	144	5720	23.12	17.969
11ac-VHT20	MCS0	149	5745	22.89	17.933
11ac-VHT20	MCS0	157	5785	22.82	17.900
11ac-VHT20	MCS0	165	5825	23.05	17.920
11ac-VHT40	MCS0	102	5510	44.74	36.718
11ac-VHT40	MCS0	110	5550	45.06	36.512
11ac-VHT40	MCS0	134	5670	43.10	36.575
11ac-VHT40	MCS0	142	5710	44.06	36.499
11ac-VHT40	MCS0	151	5755	44.63	36.611
11ac-VHT40	MCS0	159	5795	45.99	36.602
11ac-VHT80	MCS0	106	5530	92.19	76.269
11ac-VHT80	MCS0	122	5610	92.77	76.231
11ac-VHT80	MCS0	138	5690	92.83	76.220
11ac-VHT80	MCS0	155	5775	92.41	76.357
11ac-VHT160	MCS0	114	5570	172.40	155.21

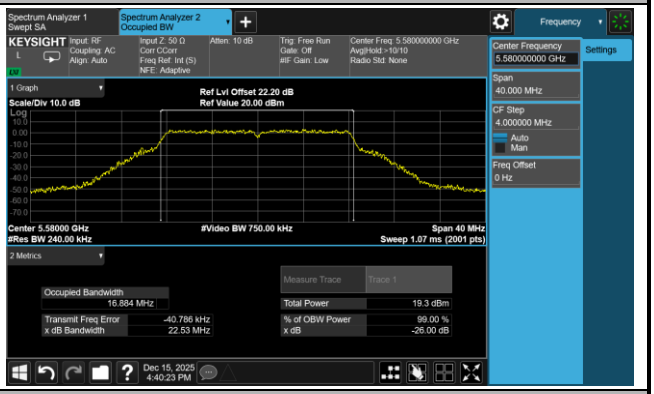
Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11be-EHT20	MCS0	100	5500	23.68	19.125
11be-EHT20	MCS0	116	5580	23.65	19.078
11be-EHT20	MCS0	140	5700	23.04	19.084
11be-EHT20	MCS0	144	5720	22.89	19.044
11be-EHT20	MCS0	149	5745	23.08	19.072
11be-EHT20	MCS0	157	5785	22.22	19.062
11be-EHT20	MCS0	165	5825	23.10	19.134
11be-EHT40	MCS0	102	5510	43.73	38.048
11be-EHT40	MCS0	110	5550	43.79	38.081
11be-EHT40	MCS0	134	5670	44.12	38.121
11be-EHT40	MCS0	142	5710	43.56	38.046
11be-EHT40	MCS0	151	5755	43.38	37.937
11be-EHT40	MCS0	159	5795	43.80	37.981
11be-EHT80	MCS0	106	5530	88.01	77.714
11be-EHT80	MCS0	122	5610	89.12	77.629
11be-EHT80	MCS0	138	5690	91.09	77.724
11be-EHT80	MCS0	155	5775	86.97	77.849
11be-EHT160	MCS0	114	5570	171.60	157.01

802.11a 26 dB Bandwidth & 99% Bandwidth

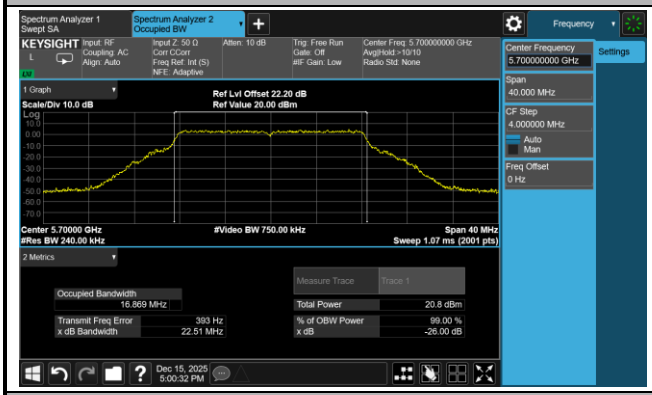
Channel 100 (5500 MHz)



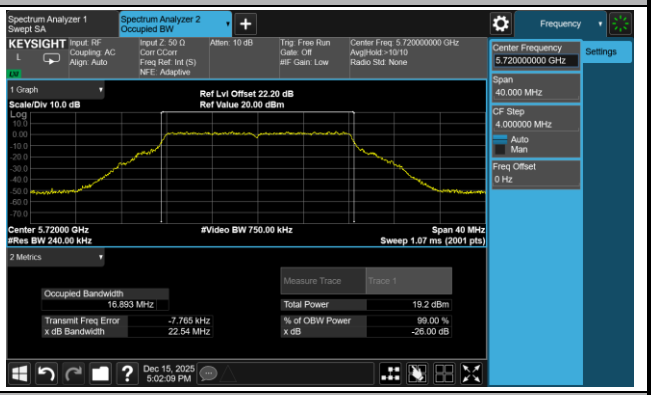
Channel 116 (5580 MHz)



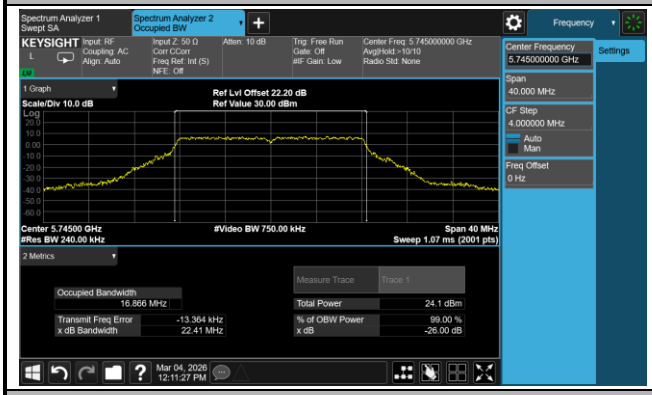
Channel 140 (5700 MHz)



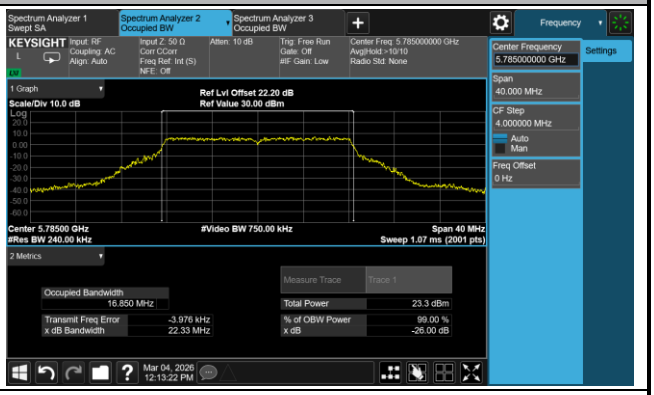
Channel 144 (5720 MHz)



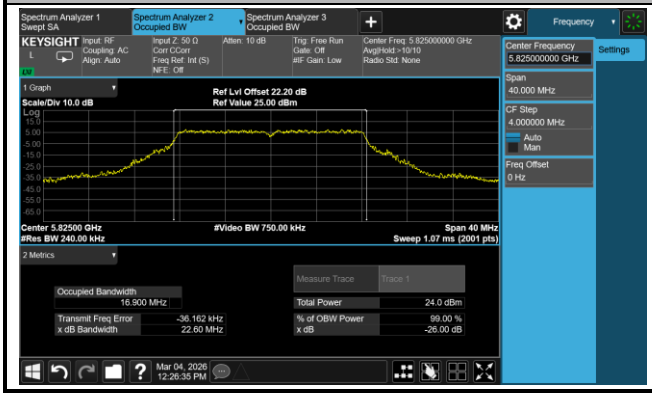
Channel 149 (5745 MHz)



Channel 157 (5785 MHz)

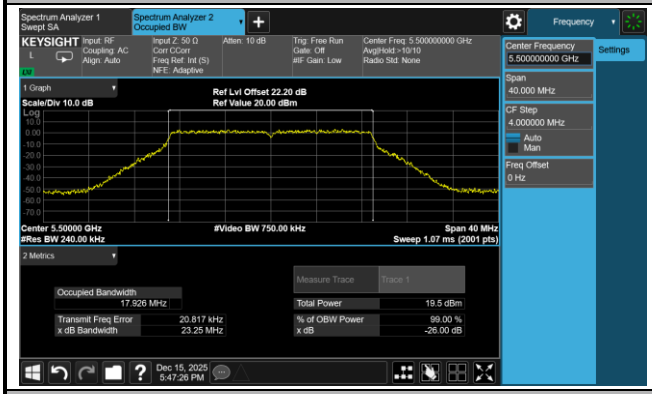


Channel 165 (5825 MHz)

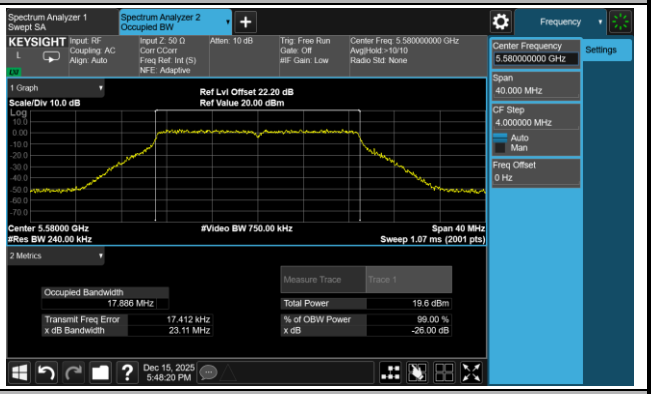


802.11ac-VHT20 26 dB Bandwidth & 99% Bandwidth

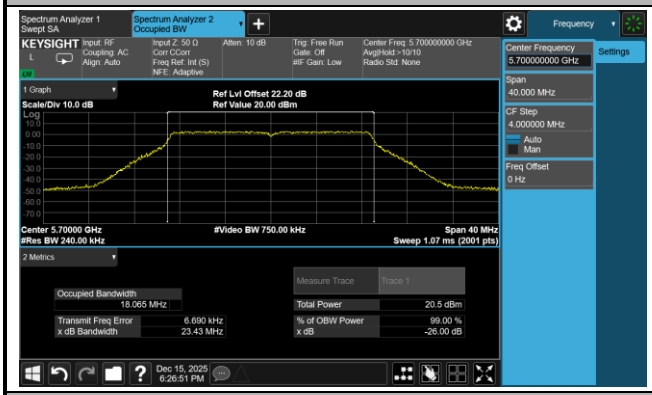
Channel 100 (5500 MHz)



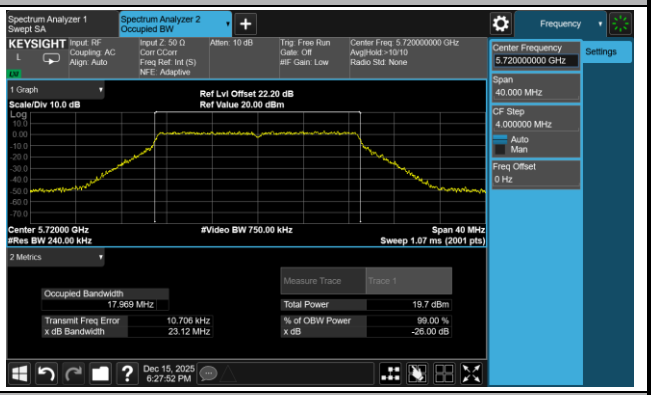
Channel 116 (5580 MHz)



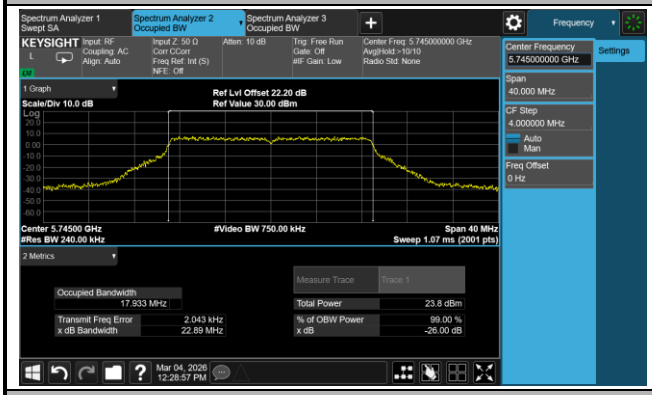
Channel 140 (5700 MHz)



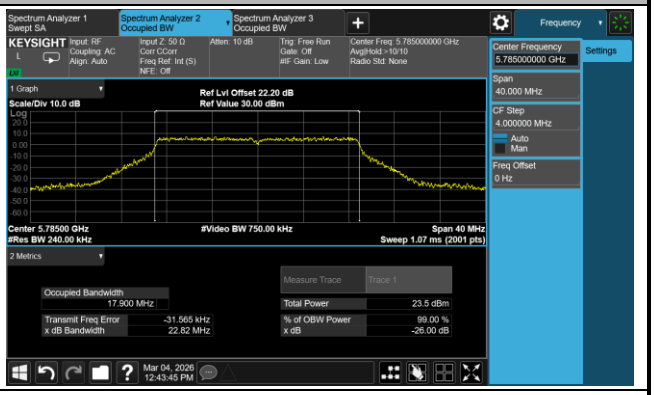
Channel 144 (5720 MHz)



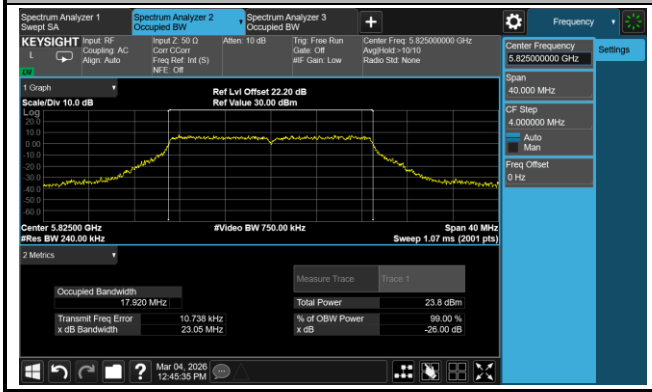
Channel 149 (5745 MHz)

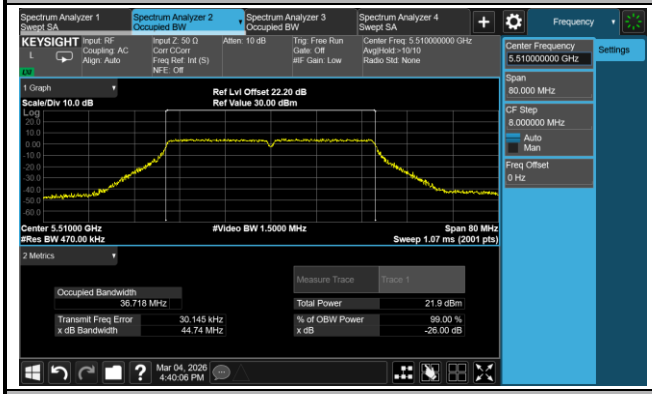
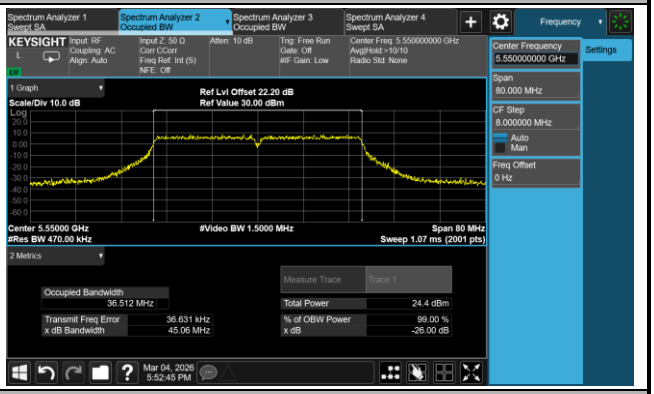
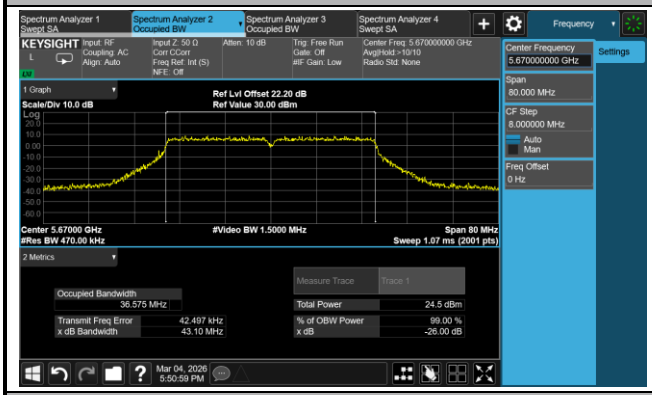
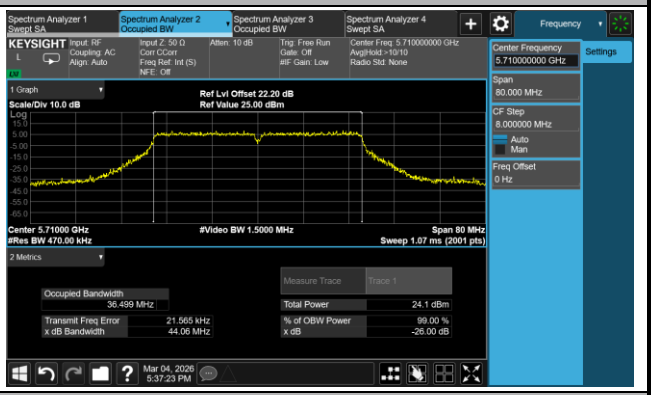
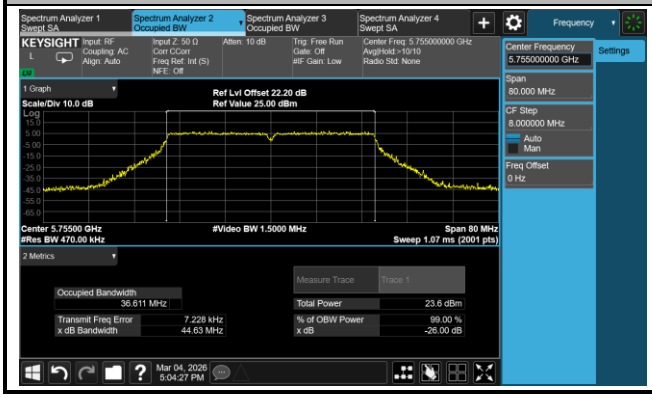
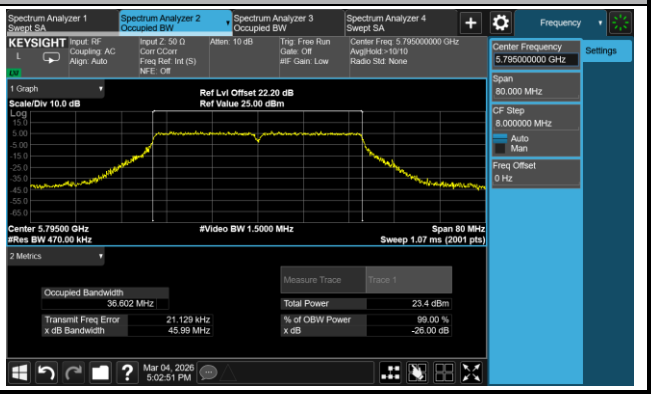


Channel 157 (5785 MHz)



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)