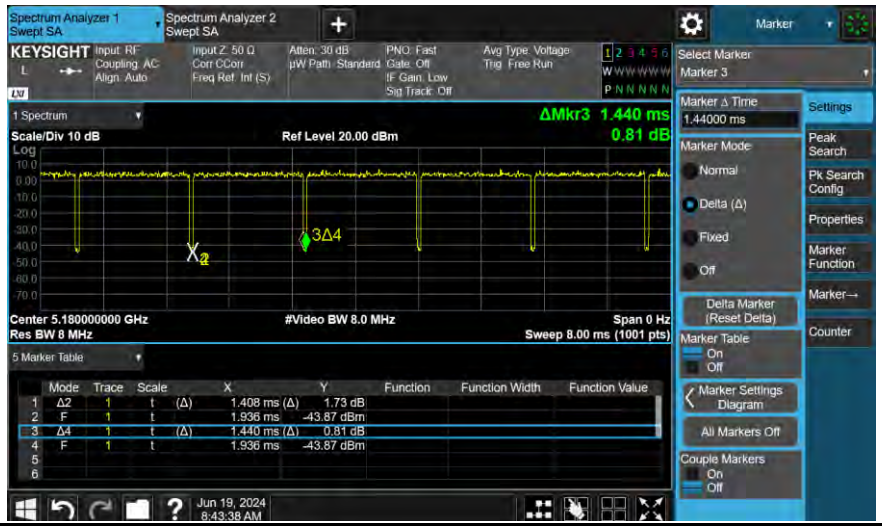
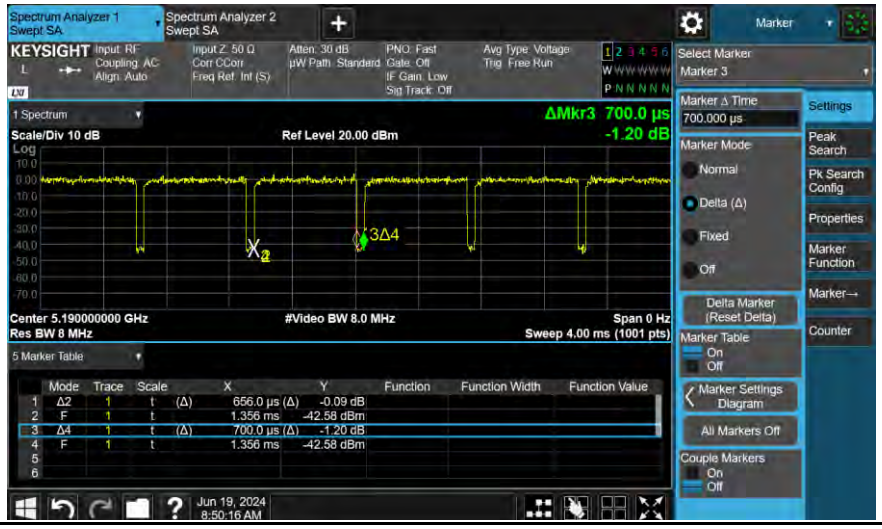
Appendix B. Test Plots

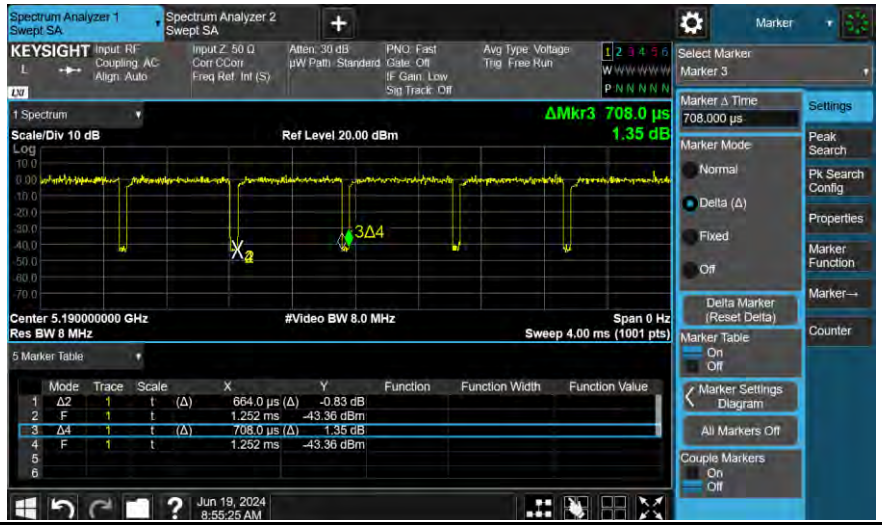
Duty cycle

802.11a	
On+off time	

802.11n HT20	
On+off time	

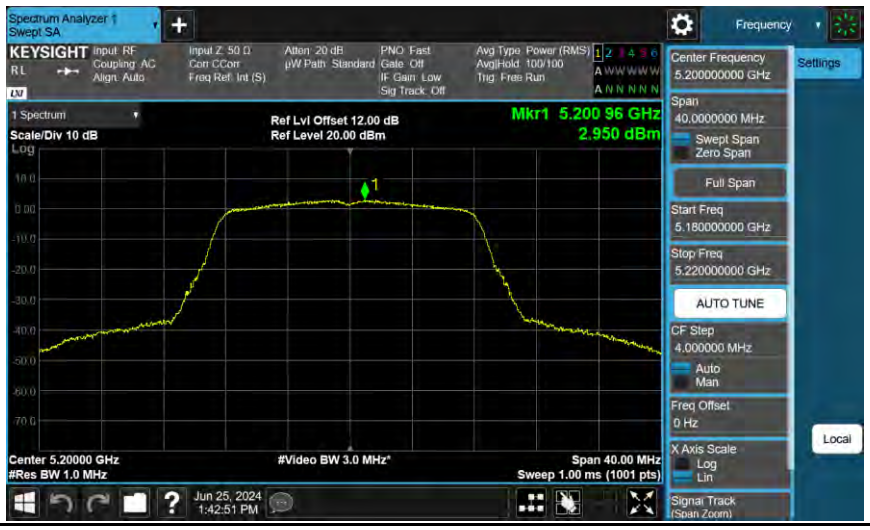
802.11n HT40	
On+off time	

802.11ac VHT20	
On+off time	

802.11ac VHT40	
On+off time	

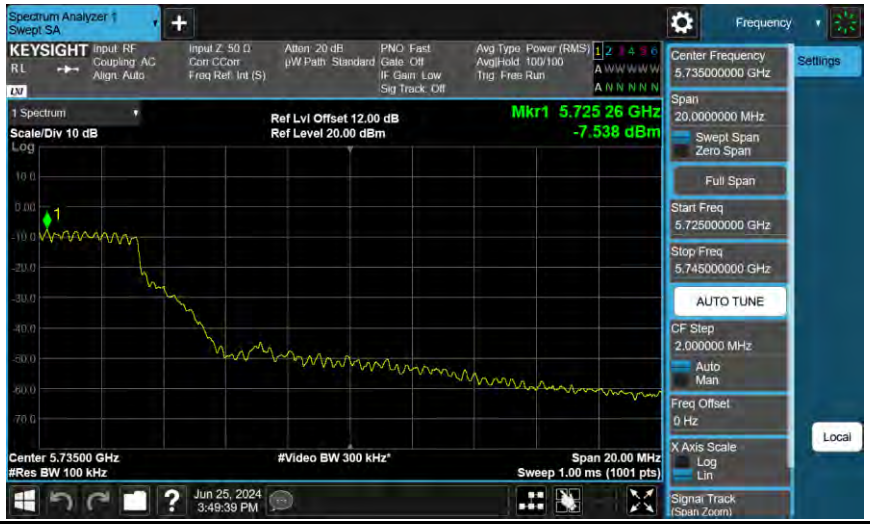
802.11ac VHT80	
On+off time	

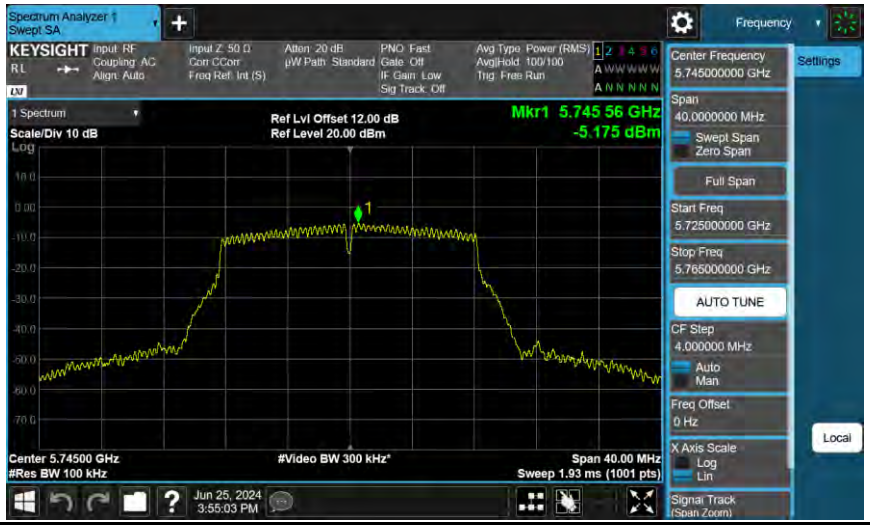
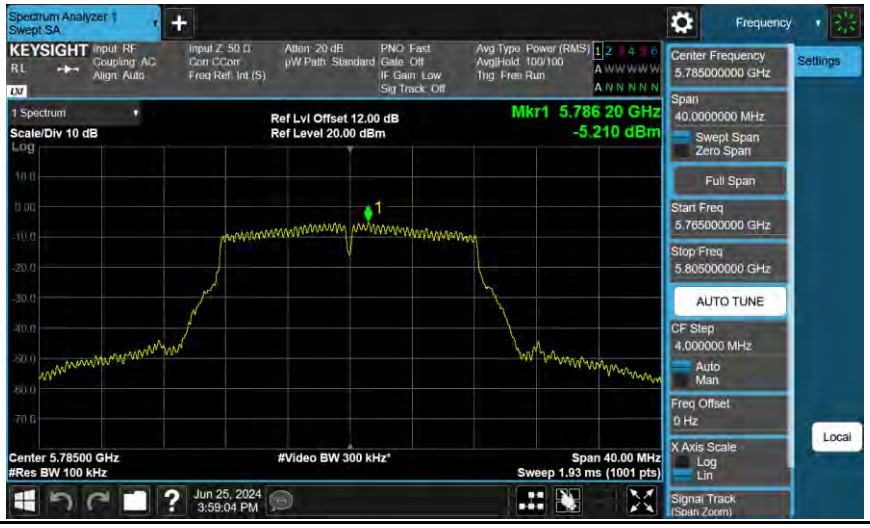
Maximum Power Spectral Density

802.11a_ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

802.11a_ANT-0	
5260 MHz	
5280 MHz	
5320 MHz	

802.11a_ANT-0	
5500 MHz	
5560 MHz	
5700 MHz	

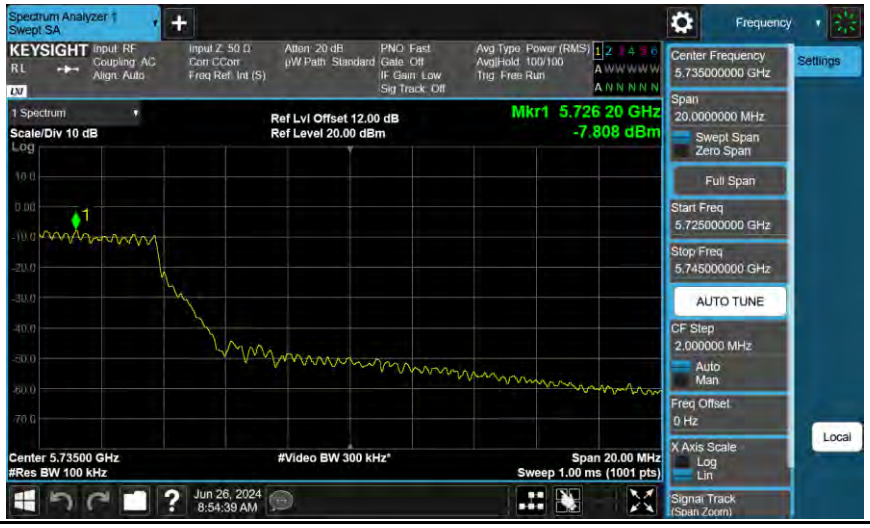
802.11a_ANT-0	
5720 MHz	
5720 MHz	

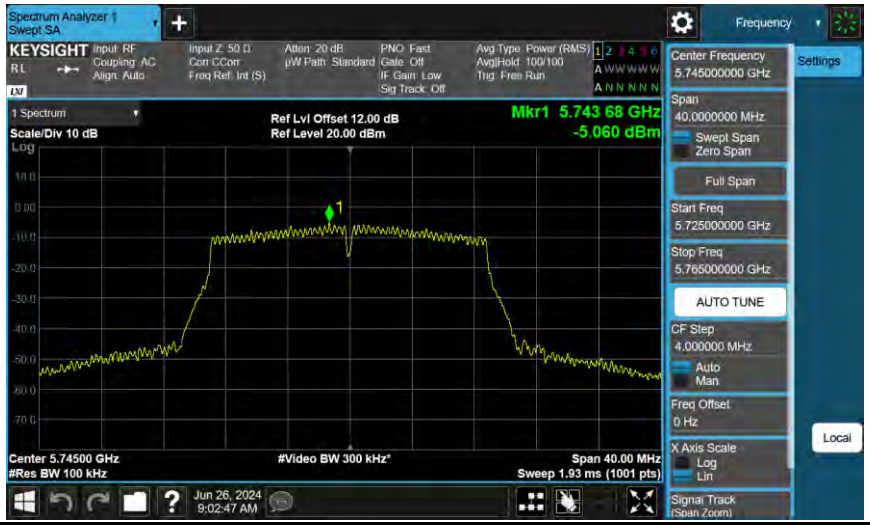
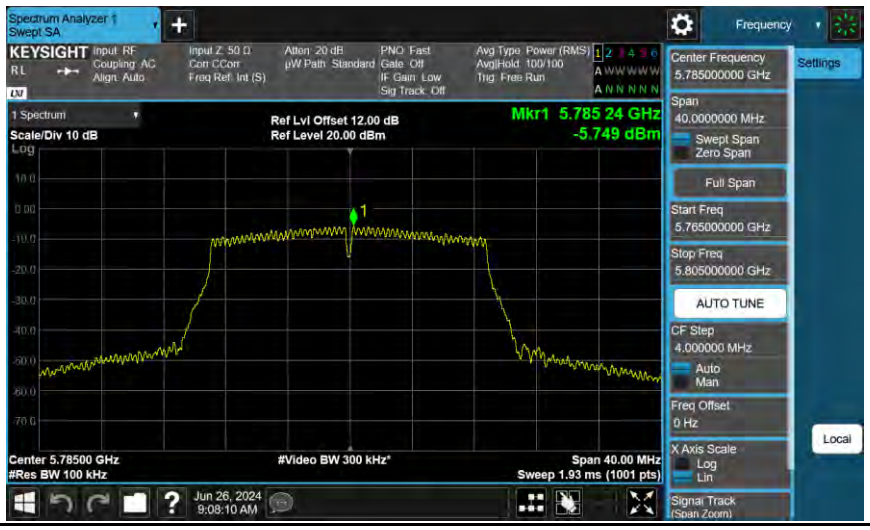
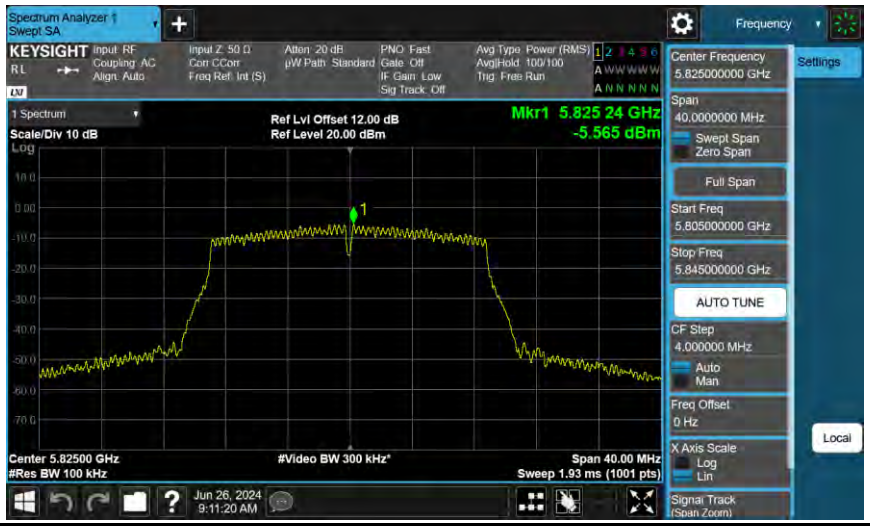
802.11a_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

802.11ac VHT20_ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

802.11ac VHT20_ANT-0	
5260 MHz	
5280 MHz	
5320 MHz	

802.11ac VHT20_ANT-0	
5500 MHz	
5560 MHz	
5700 MHz	

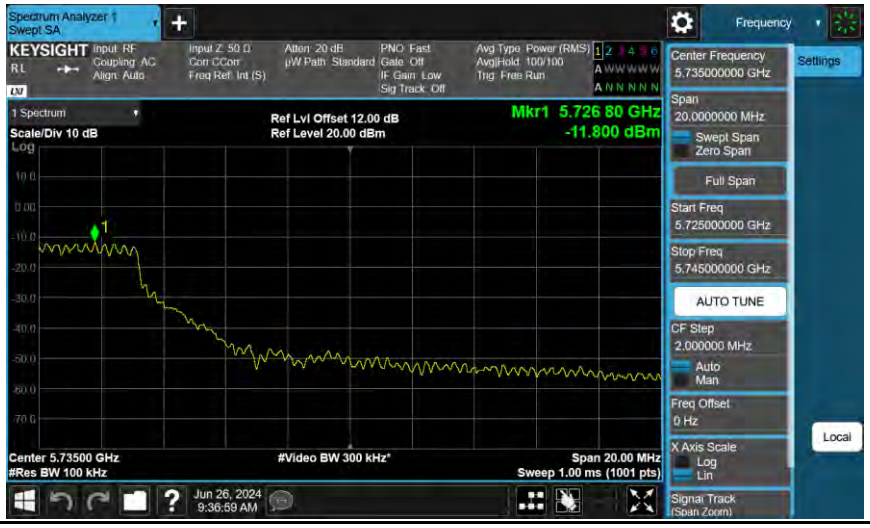
802.11ac VHT20_ANT-0	
5720 MHz	
5720 MHz	

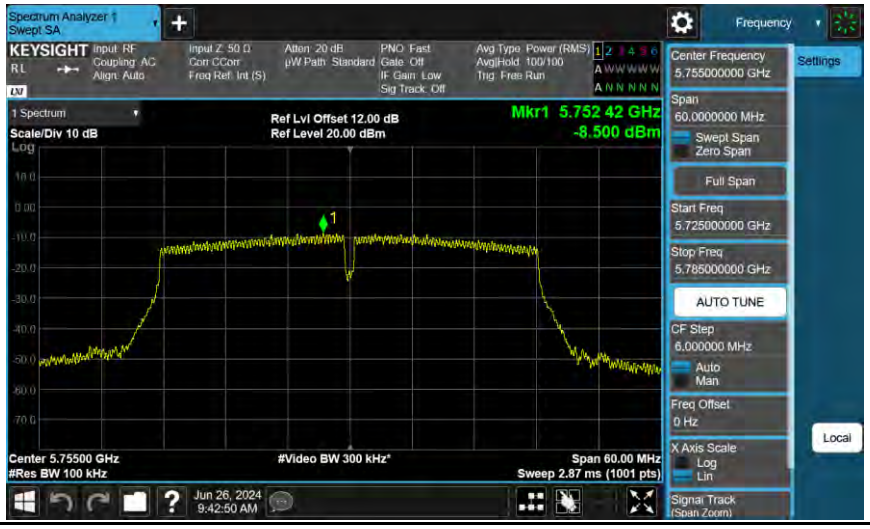
802.11ac VHT20_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

802.11ac VHT40_ANT-0	
5190 MHz	
5230 MHz	

802.11ac VHT40_ANT-0	
5270 MHz	
5310 MHz	

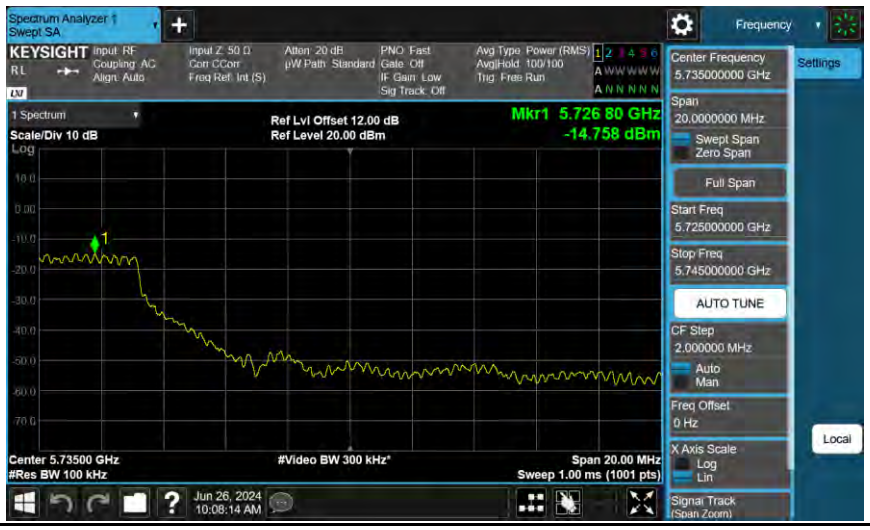
802.11ac VHT40_ANT-0	
5510 MHz	
5550 MHz	
5670 MHz	

802.11ac VHT40_ANT-0	
5710 MHz	
5710 MHz	

802.11ac VHT40_ANT-0	
5755 MHz	
5795 MHz	

802.11ac VHT80_ANT-0	
5210 MHz	
5290 MHz	

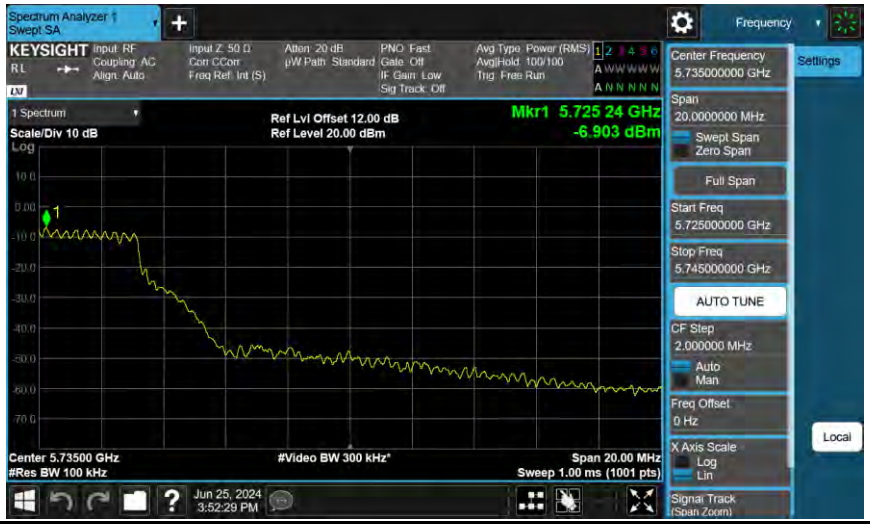
802.11ac VHT80_ANT-0	
5530 MHz	
5610 MHz	

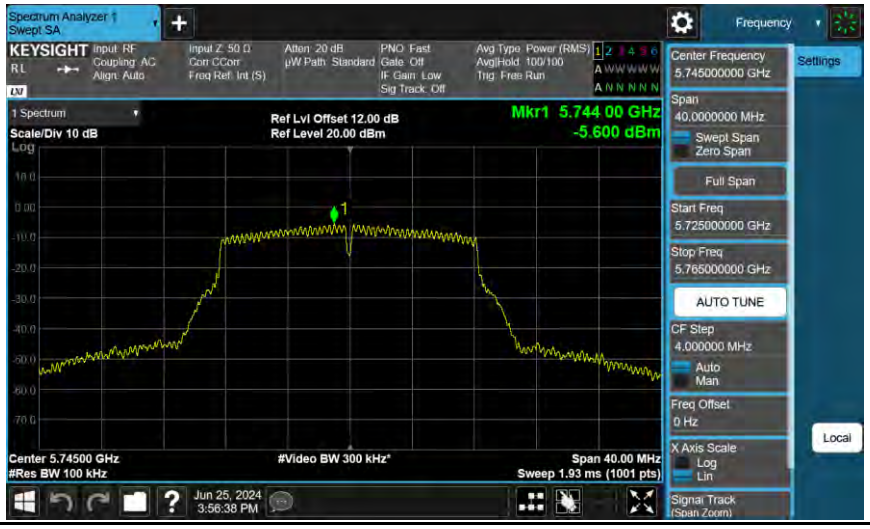
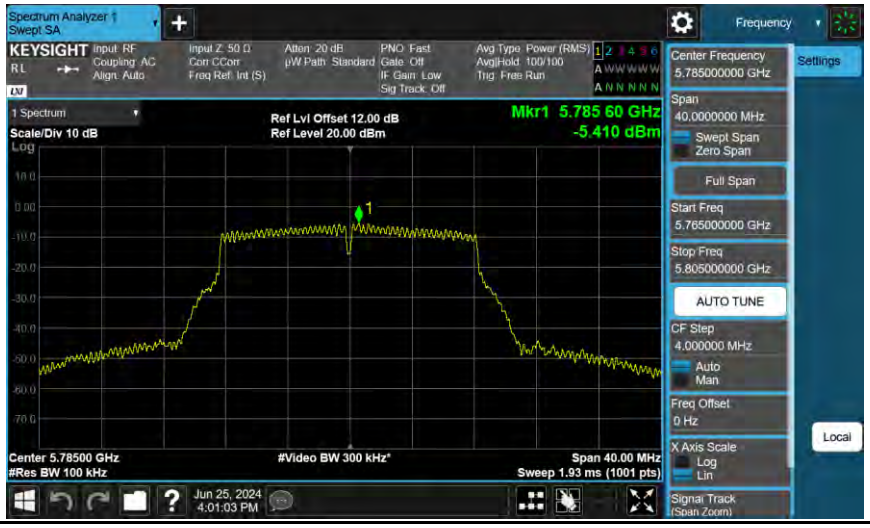
802.11ac VHT80_ANT-0	
5690 MHz	
5690 MHz	
5775 MHz	

802.11a_ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

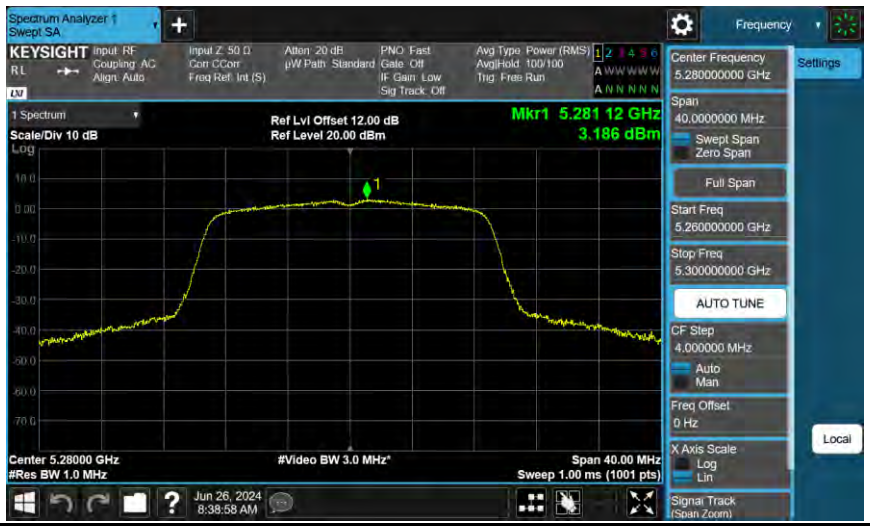
802.11a_ANT-1	
5260 MHz	
5280 MHz	
5320 MHz	

802.11a_ANT-1	
5500 MHz	
5560 MHz	
5700 MHz	

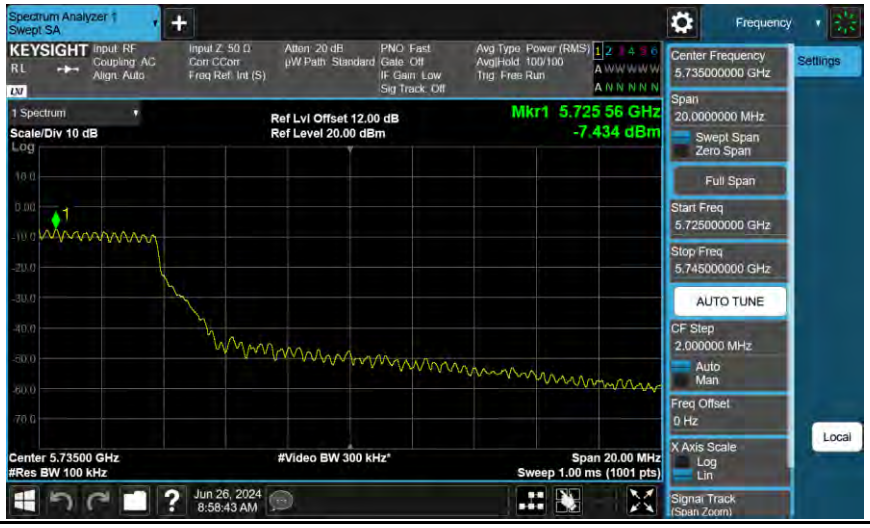
802.11a_ANT-1	
5720 MHz	
5720 MHz	

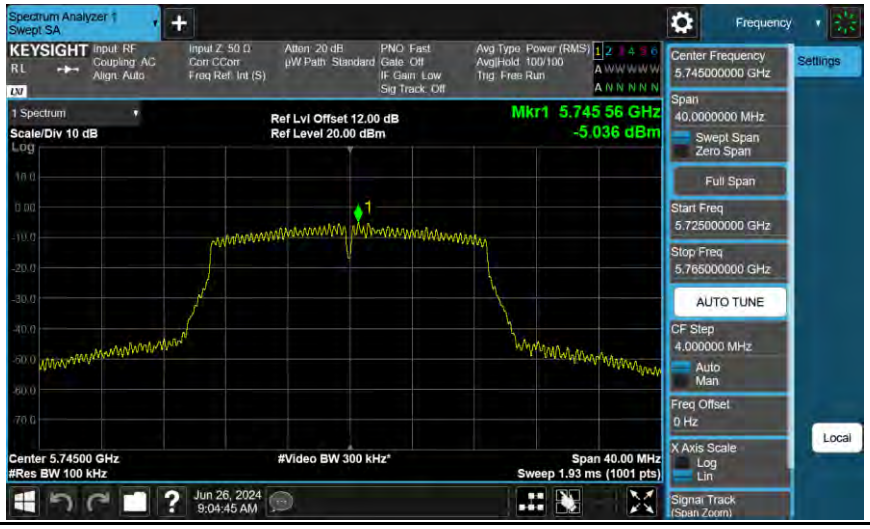
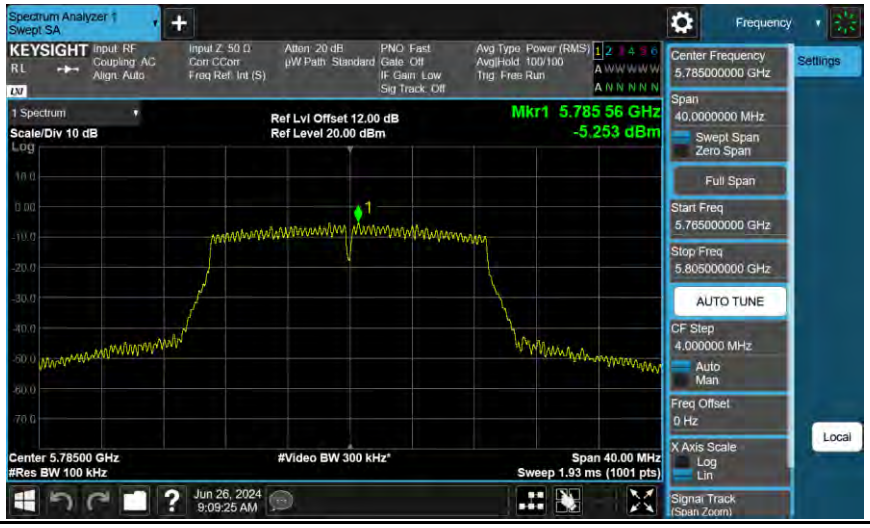
802.11a_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

802.11ac VHT20_ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

802.11ac VHT20_ANT-1	
5260 MHz	
5280 MHz	
5320 MHz	

802.11ac VHT20_ANT-1	
5500 MHz	
5560 MHz	
5700 MHz	

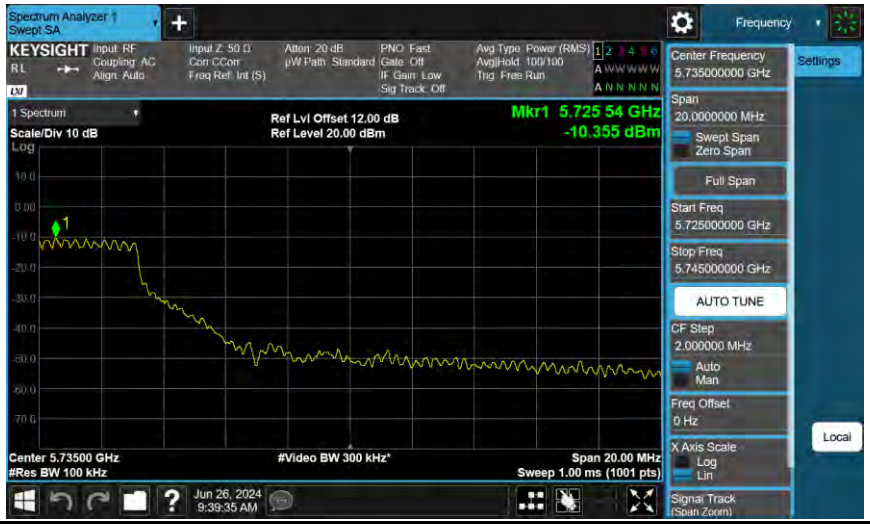
802.11ac VHT20_ANT-1	
5720 MHz	
5720 MHz	

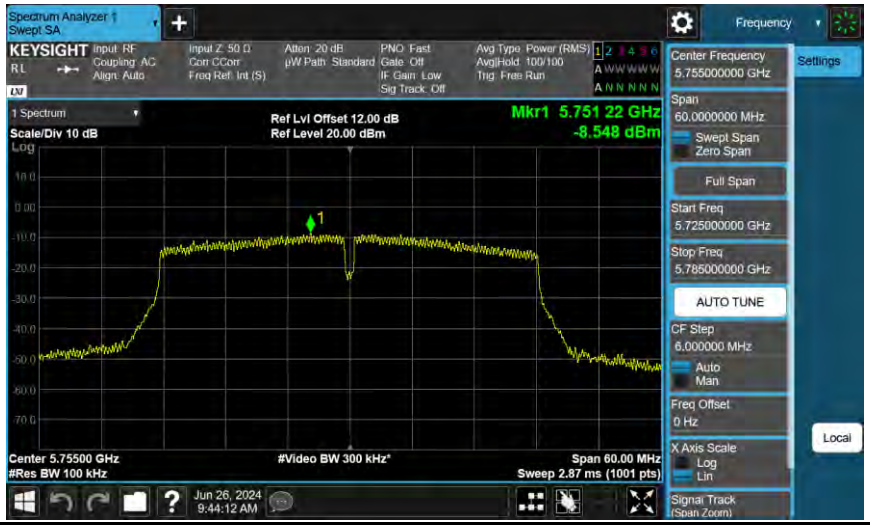
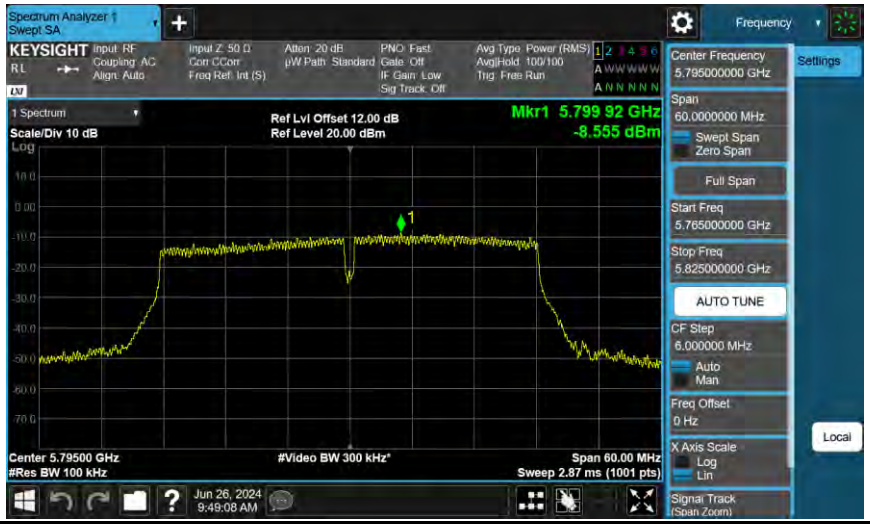
802.11ac VHT20_ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

802.11ac VHT40_ANT-1	
5190 MHz	
5230 MHz	

802.11ac VHT40_ANT-1	
5270 MHz	
5310 MHz	

802.11ac VHT40_ANT-1	
5510 MHz	
5550 MHz	
5670 MHz	

802.11ac VHT40_ANT-1	
5710 MHz	
5710 MHz	

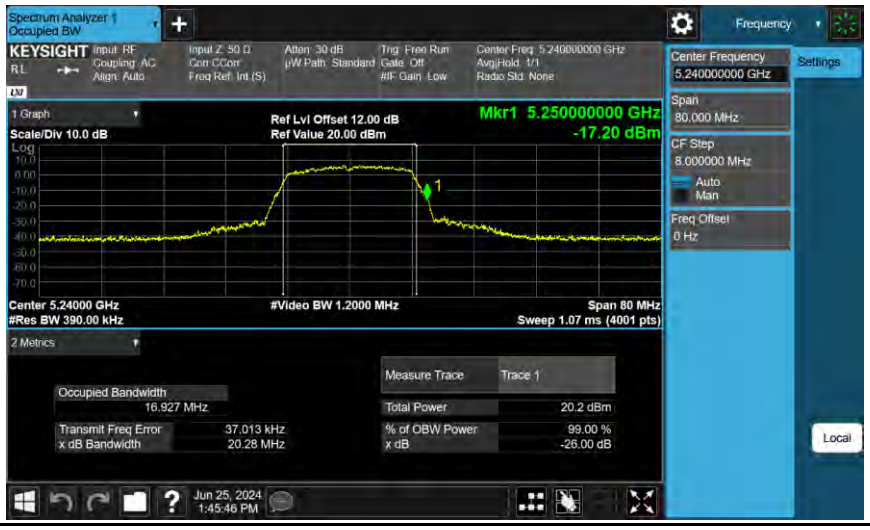
802.11ac VHT40_ANT-1	
5755 MHz	
5795 MHz	

802.11ac VHT80_ANT-1	
5210 MHz	
5290 MHz	

802.11ac VHT80_ANT-1	
5530 MHz	
5610 MHz	

802.11ac VHT80_ANT-1	
5690 MHz	
5690 MHz	
5775 MHz	

26 dB Bandwidth & 99% Occupied Bandwidth

802.11a_ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

802.11a_ANT-0	
5260 MHz	
5280 MHz	
5320 MHz	

802.11a_ANT-0	
5500 MHz	
5560 MHz	
5700 MHz	

802.11a_ANT-0	
5720 MHz	

802.11ac VHT20_ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

802.11ac VHT20_ANT-0	
5260 MHz	
5280 MHz	
5320 MHz	

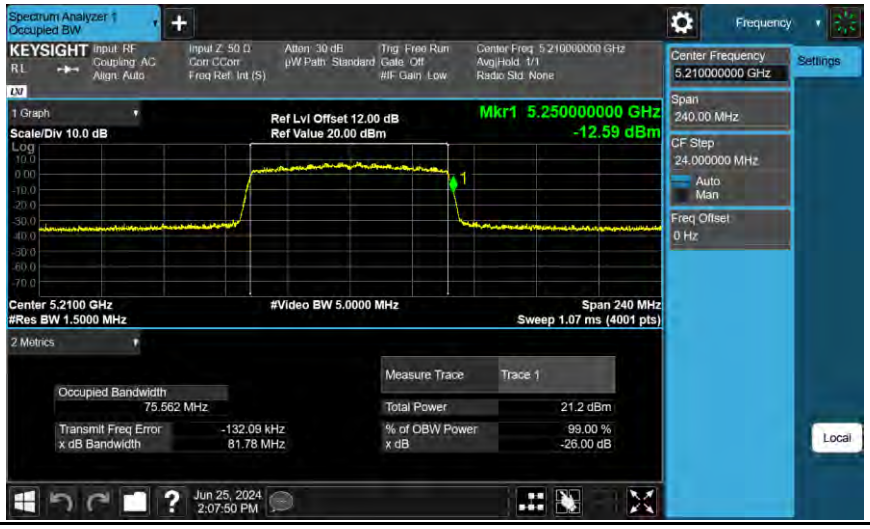
802.11ac VHT20_ANT-0	
5500 MHz	
5560 MHz	
5700 MHz	

802.11ac VHT20_ANT-0	
5720 MHz	

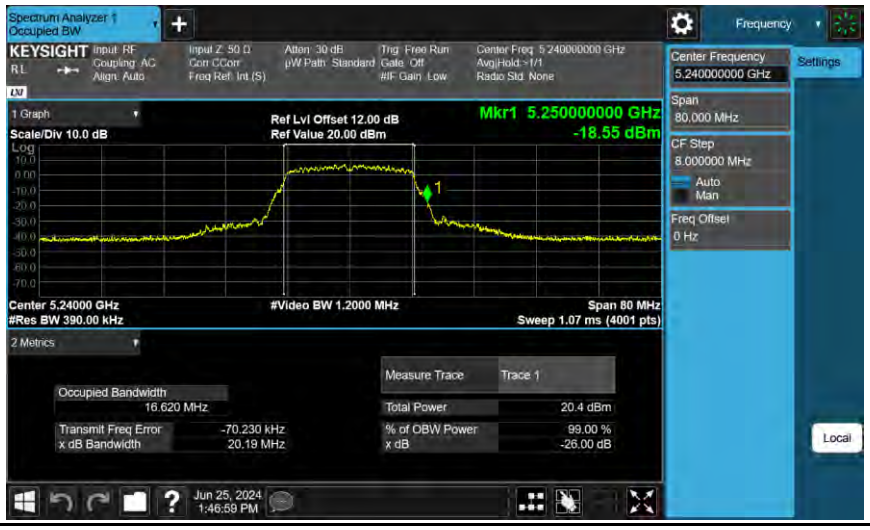
802.11ac VHT40_ANT-0	
5190 MHz	
5230 MHz	
5270 MHz	

802.11ac VHT40_ANT-0	
5310 MHz	
5510 MHz	
5550 MHz	

802.11ac VHT40_ANT-0	
5670 MHz	
5710 MHz	

802.11ac VHT80_ANT-0	
5210 MHz	
5290 MHz	
5530 MHz	

802.11ac VHT80_ANT-0	
5610 MHz	
5690 MHz	

802.11a_ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

802.11a_ANT-1	
5260 MHz	
5280 MHz	
5320 MHz	

802.11a_ANT-1	
5500 MHz	
5560 MHz	
5700 MHz	

802.11a_ANT-1	
5720 MHz	

802.11ac VHT20_ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

802.11ac VHT20_ANT-1	
5260 MHz	
5280 MHz	
5320 MHz	

802.11ac VHT20_ANT-1	
5500 MHz	
5560 MHz	
5700 MHz	

802.11ac VHT20_ANT-1	
5720 MHz	

802.11ac VHT40_ANT-1	
5190 MHz	
5230 MHz	
5270 MHz	

802.11ac VHT40_ANT-1	
5310 MHz	
5510 MHz	
5550 MHz	

802.11ac VHT40_ANT-1	
5670 MHz	
5710 MHz	

802.11ac VHT80_ANT-1	
5210 MHz	
5290 MHz	
5530 MHz	

802.11ac VHT80_ANT-1	
5610 MHz	
5690 MHz	