

PSD NVNT ac80 5530MHz Ant2



PSD NVNT ac80 5610MHz Ant1



PSD NVNT ac80 5610MHz Ant2



PSD NVNT ac80 5690MHz Ant1 Low



PSD NVNT ac80 5690MHz Ant1 High



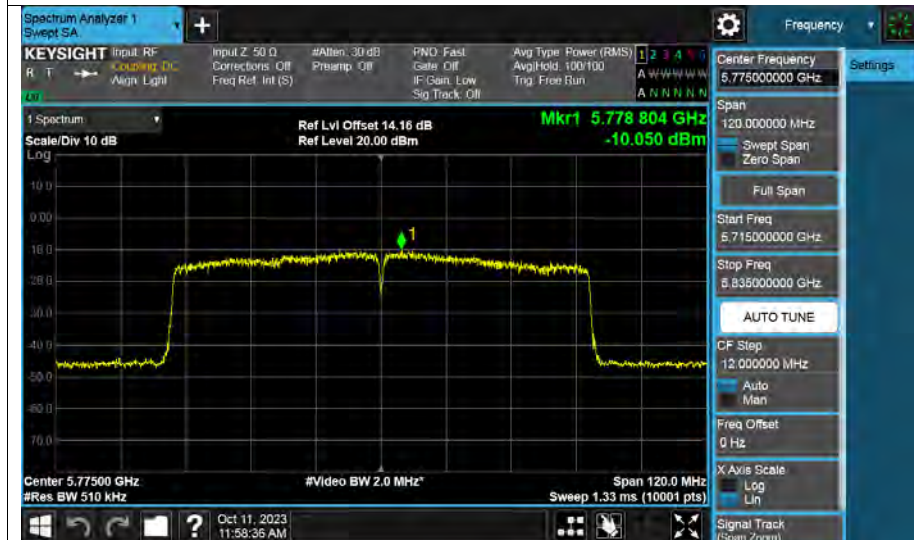
PSD NVNT ac80 5690MHz Ant2 Low



PSD NVNT ac80 5690MHz Ant2 High



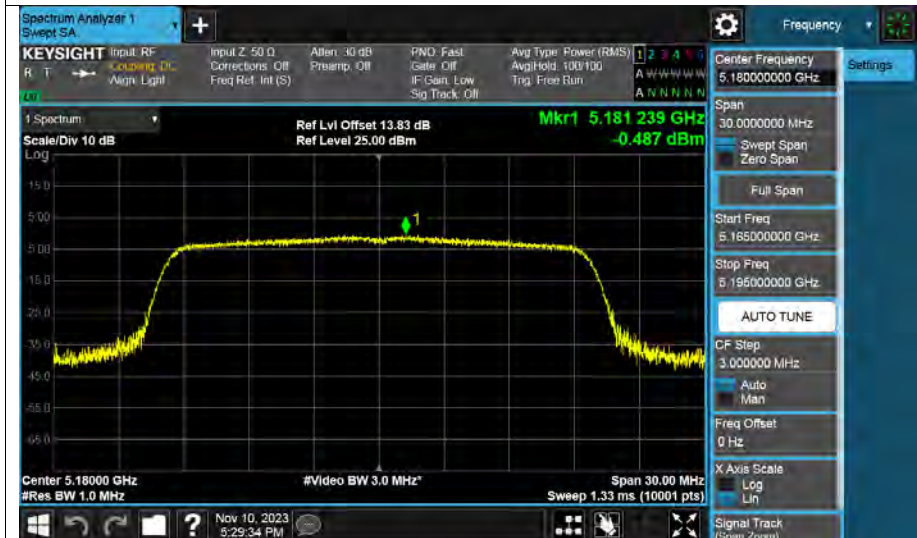
PSD NVNT ac80 5775MHz Ant1



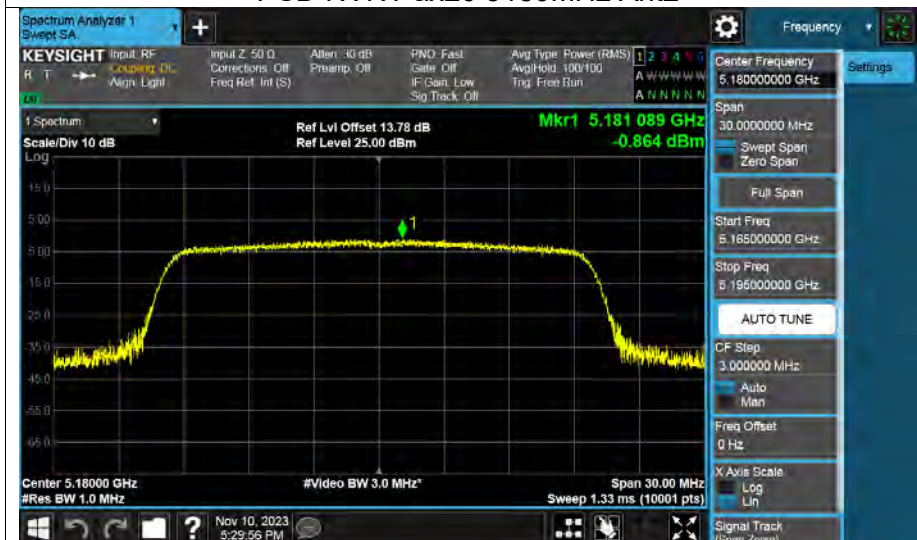
PSD NVNT ac80 5775MHz Ant2



PSD NVNT ax20 5180MHz Ant1



PSD NVNT ax20 5180MHz Ant2



PSD NVNT ax20 5200MHz Ant1



PSD NVNT ax20 5200MHz Ant2



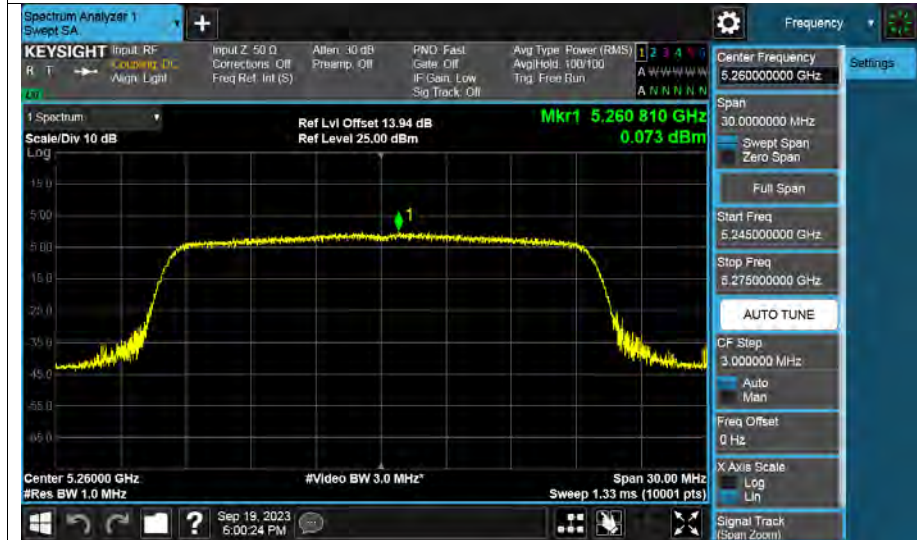
PSD NVNT ax20 5240MHz Ant1



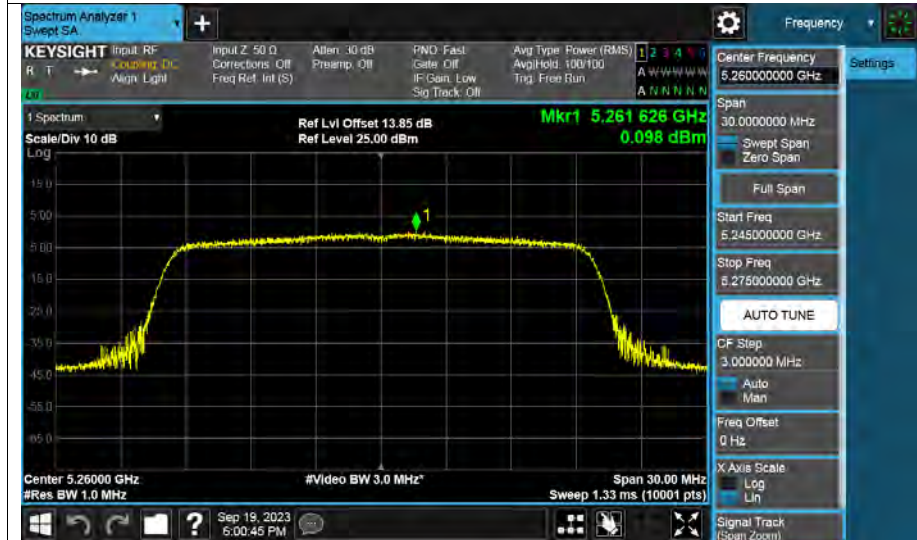
PSD NVNT ax20 5240MHz Ant2



PSD NVNT ax20 5260MHz Ant1



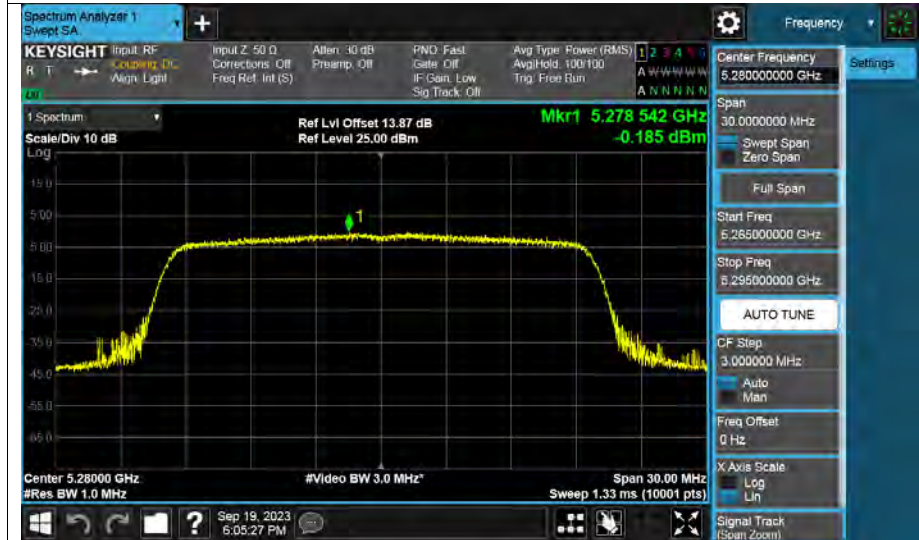
PSD NVNT ax20 5260MHz Ant2



PSD NVNT ax20 5280MHz Ant1



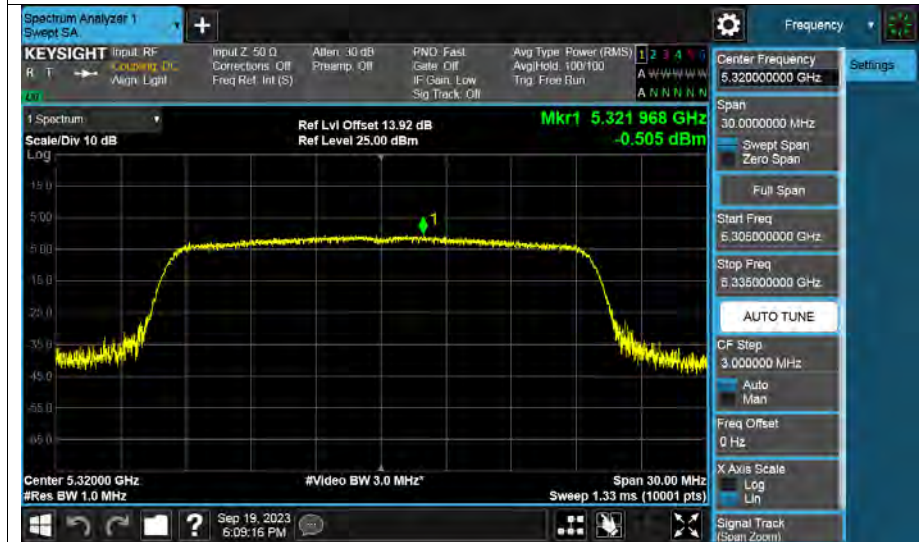
PSD NVNT ax20 5280MHz Ant2



PSD NVNT ax20 5320MHz Ant1



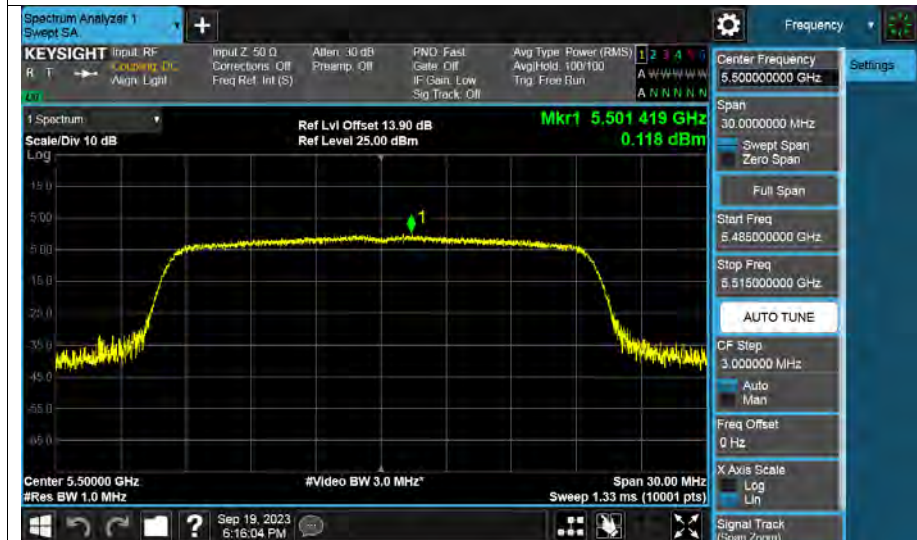
PSD NVNT ax20 5320MHz Ant2



PSD NVNT ax20 5500MHz Ant1



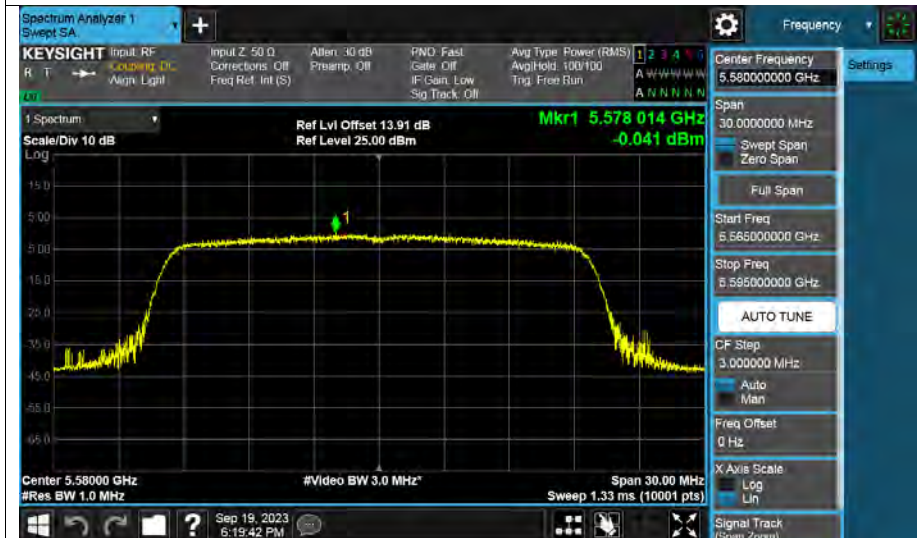
PSD NVNT ax20 5500MHz Ant2



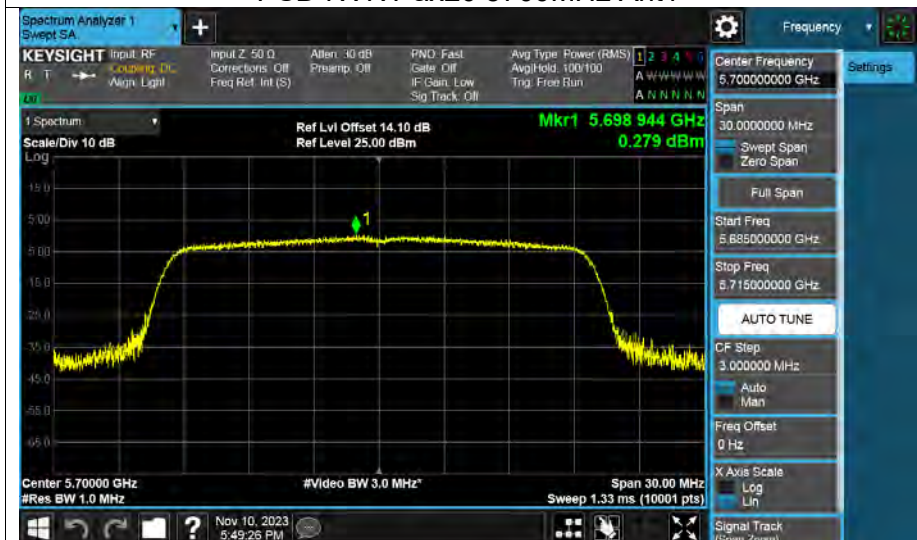
PSD NVNT ax20 5580MHz Ant1



PSD NVNT ax20 5580MHz Ant2



PSD NVNT ax20 5700MHz Ant1



PSD NVNT ax20 5700MHz Ant2



PSD NVNT ax20 5720MHz Ant1 Low



PSD NVNT ax20 5720MHz Ant1 High



PSD NVNT ax20 5720MHz Ant2 Low



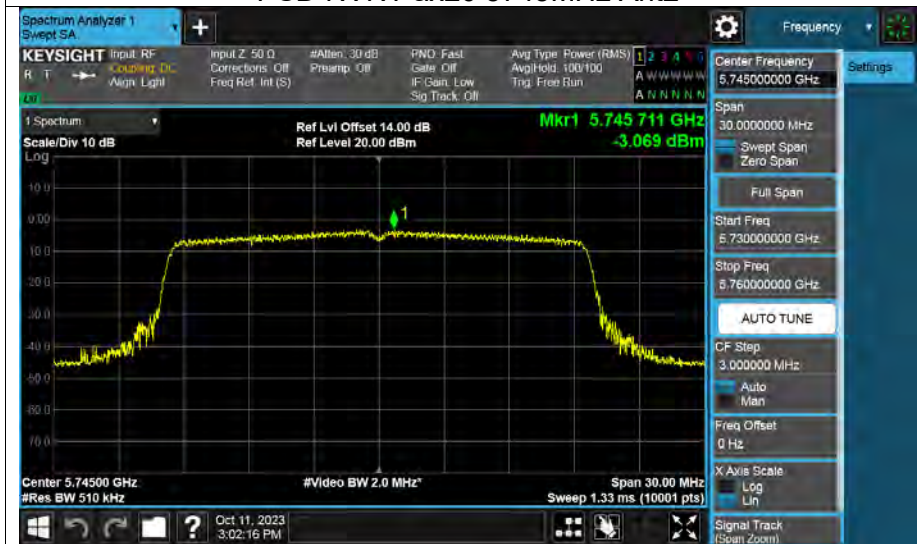
PSD NVNT ax20 5720MHz Ant2 High



PSD NVNT ax20 5745MHz Ant1



PSD NVNT ax20 5745MHz Ant2



PSD NVNT ax20 5785MHz Ant1



PSD NVNT ax20 5785MHz Ant2



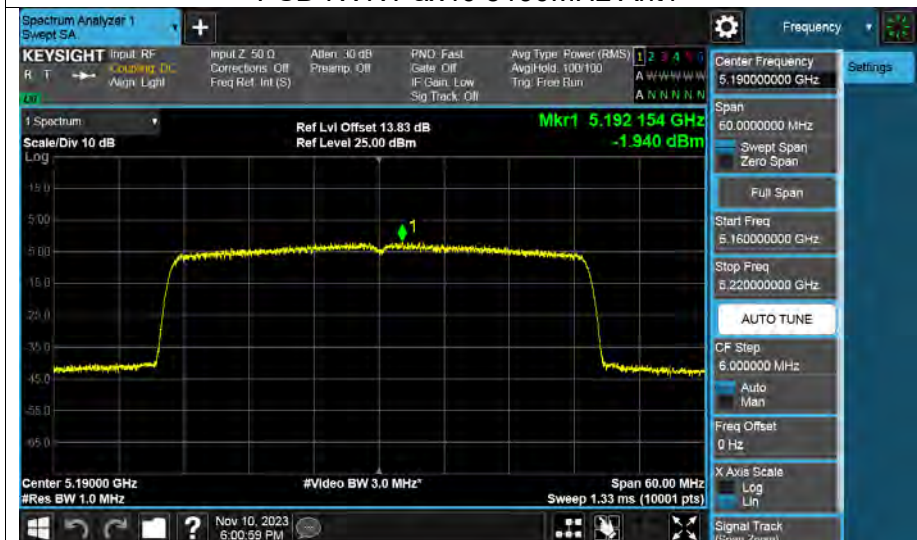
PSD NVNT ax20 5825MHz Ant1



PSD NVNT ax20 5825MHz Ant2



PSD NVNT ax40 5190MHz Ant1



PSD NVNT ax40 5190MHz Ant2



PSD NVNT ax40 5230MHz Ant1



PSD NVNT ax40 5230MHz Ant2



PSD NVNT ax40 5270MHz Ant1



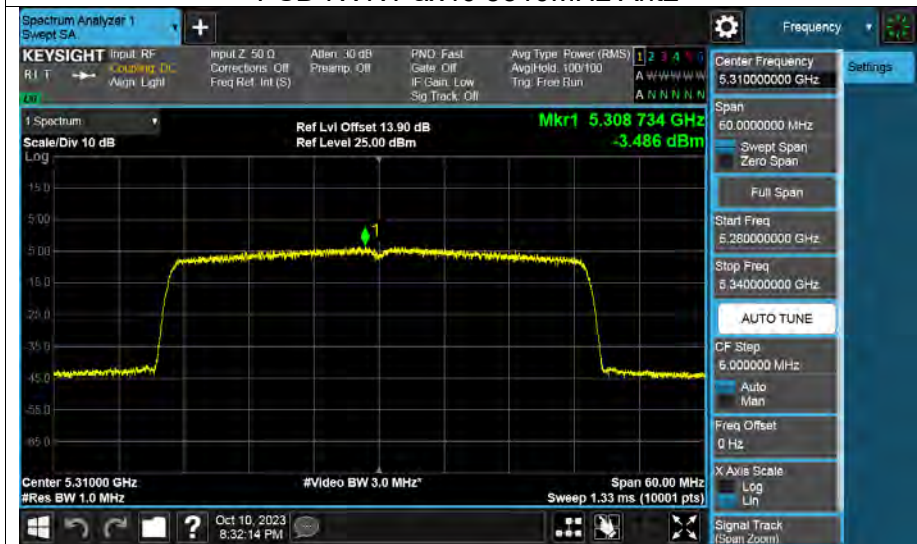
PSD NVNT ax40 5270MHz Ant2



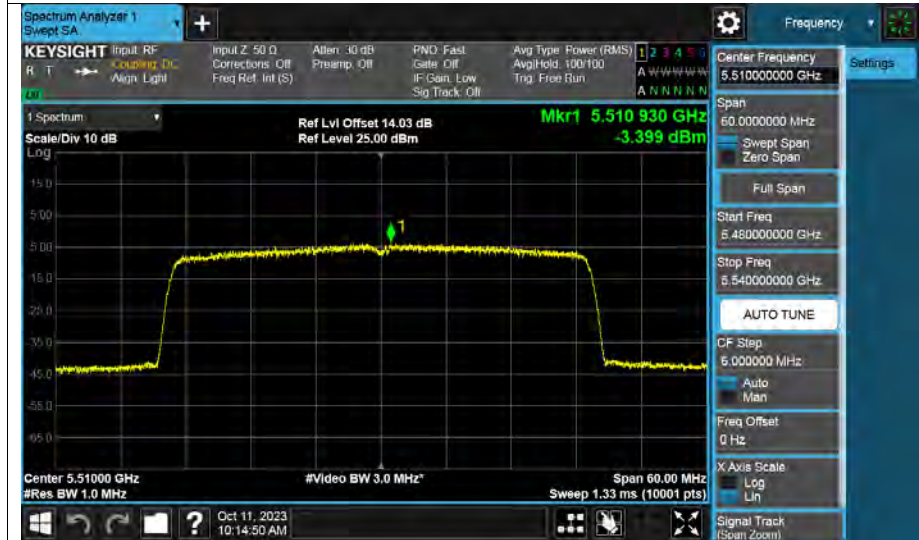
PSD NVNT ax40 5310MHz Ant1



PSD NVNT ax40 5310MHz Ant2



PSD NVNT ax40 5510MHz Ant1



PSD NVNT ax40 5510MHz Ant2



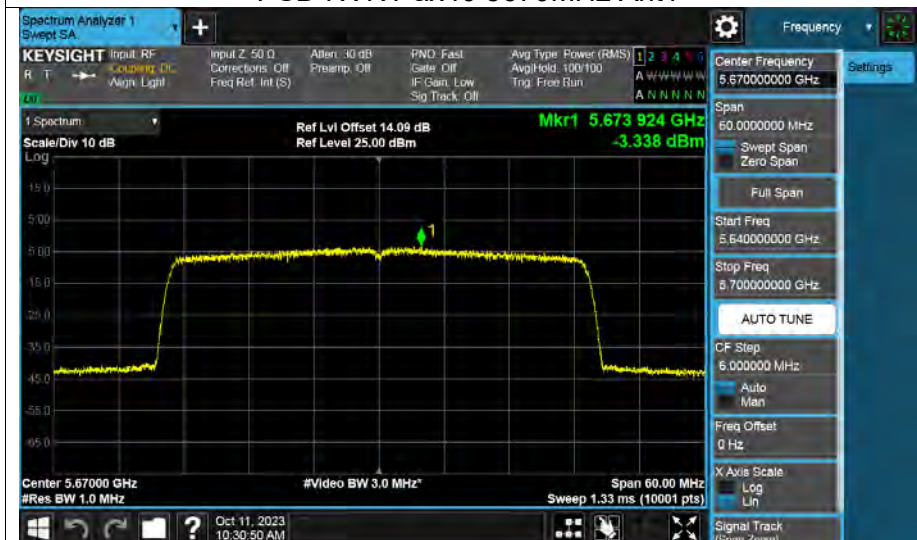
PSD NVNT ax40 5550MHz Ant1



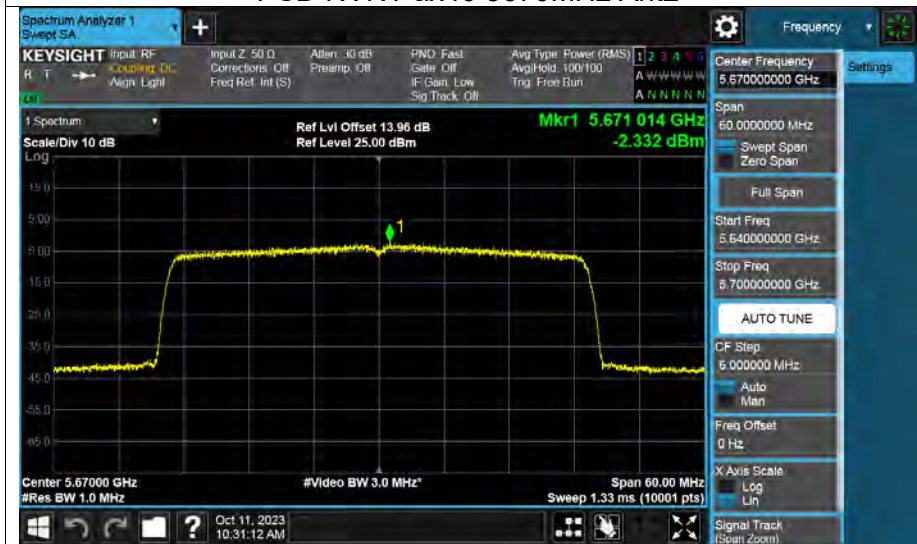
PSD NVNT ax40 5550MHz Ant2



PSD NVNT ax40 5670MHz Ant1



PSD NVNT ax40 5670MHz Ant2



PSD NVNT ax40 5710MHz Ant1 Low



PSD NVNT ax40 5710MHz Ant1 High



PSD NVNT ax40 5710MHz Ant2 Low



PSD NVNT ax40 5710MHz Ant2 High



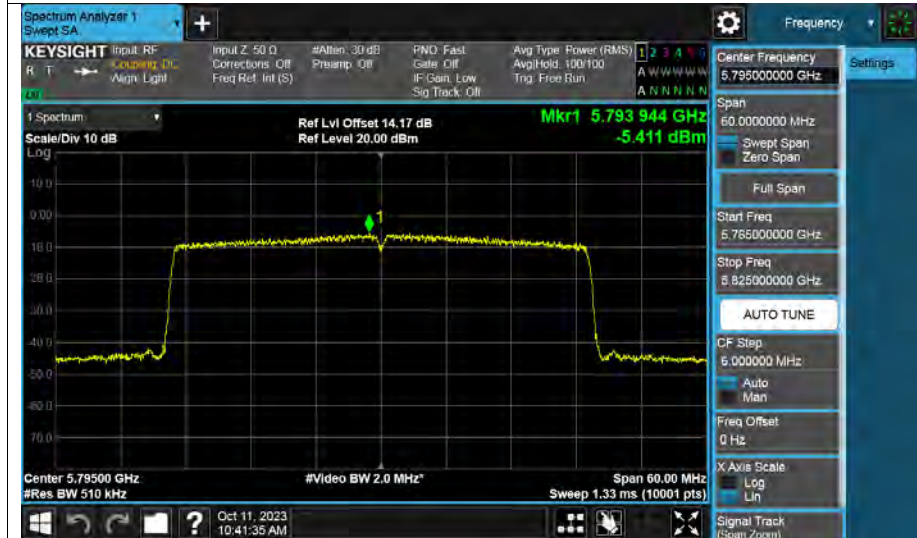
PSD NVNT ax40 5755MHz Ant1



PSD NVNT ax40 5755MHz Ant2



PSD NVNT ax40 5795MHz Ant1



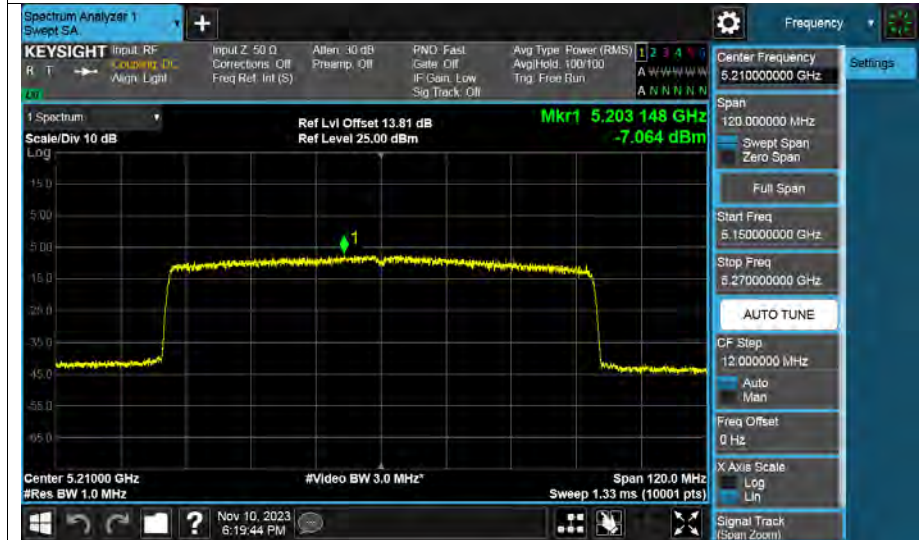
PSD NVNT ax40 5795MHz Ant2



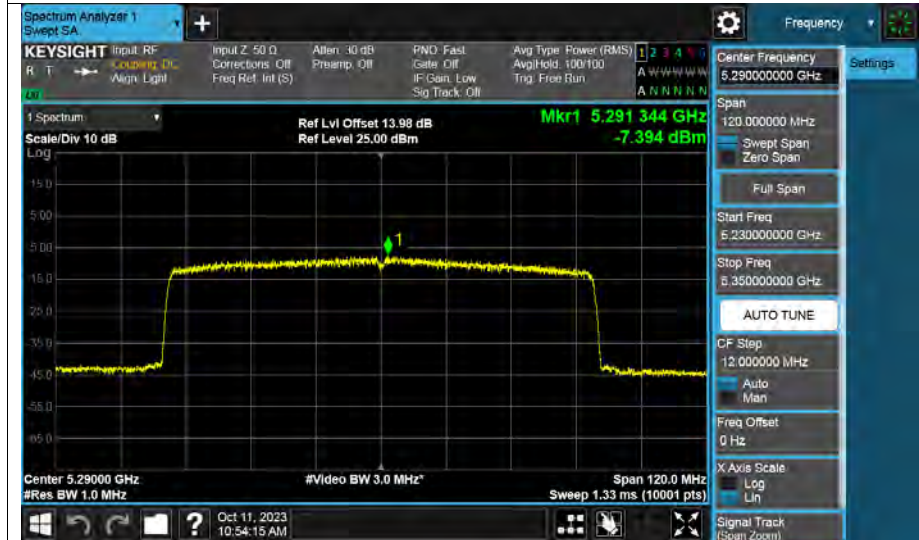
PSD NVNT ax80 5210MHz Ant1



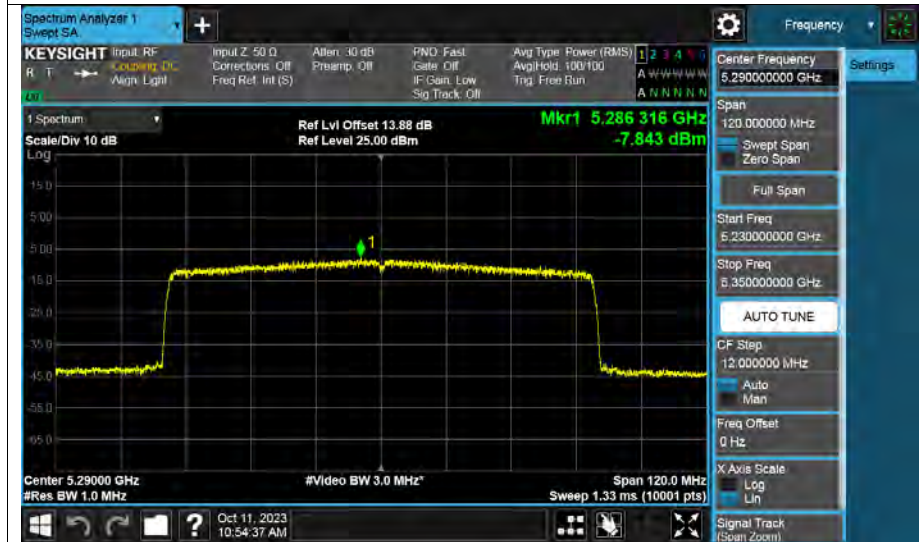
PSD NVNT ax80 5210MHz Ant2



PSD NVNT ax80 5290MHz Ant1



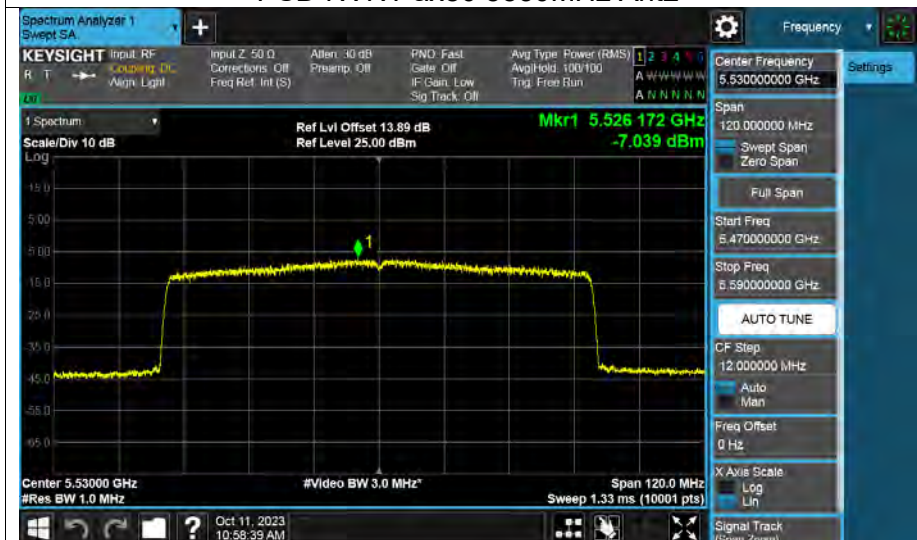
PSD NVNT ax80 5290MHz Ant2



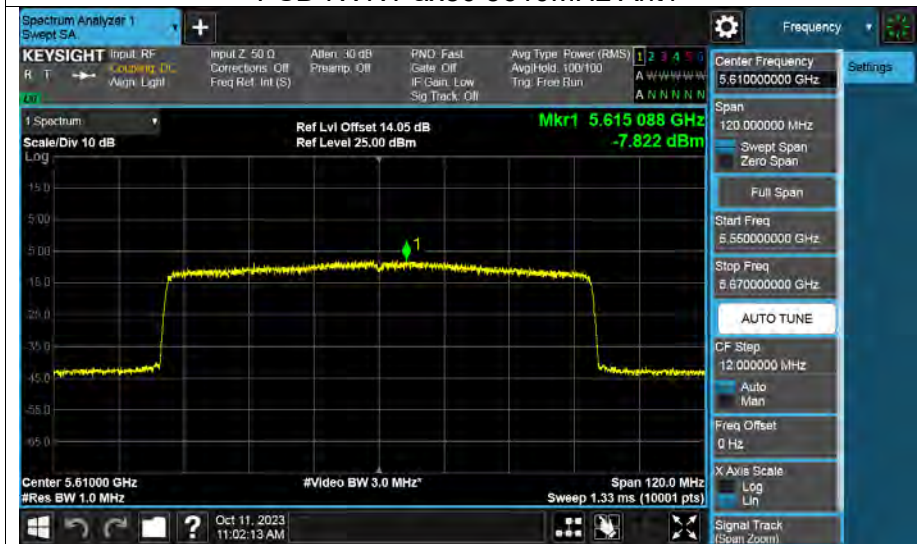
PSD NVNT ax80 5530MHz Ant1



PSD NVNT ax80 5530MHz Ant2



PSD NVNT ax80 5610MHz Ant1



PSD NVNT ax80 5610MHz Ant2



PSD NVNT ax80 5690MHz Ant1 Low



PSD NVNT ax80 5690MHz Ant1 High



PSD NVNT ax80 5690MHz Ant2 Low

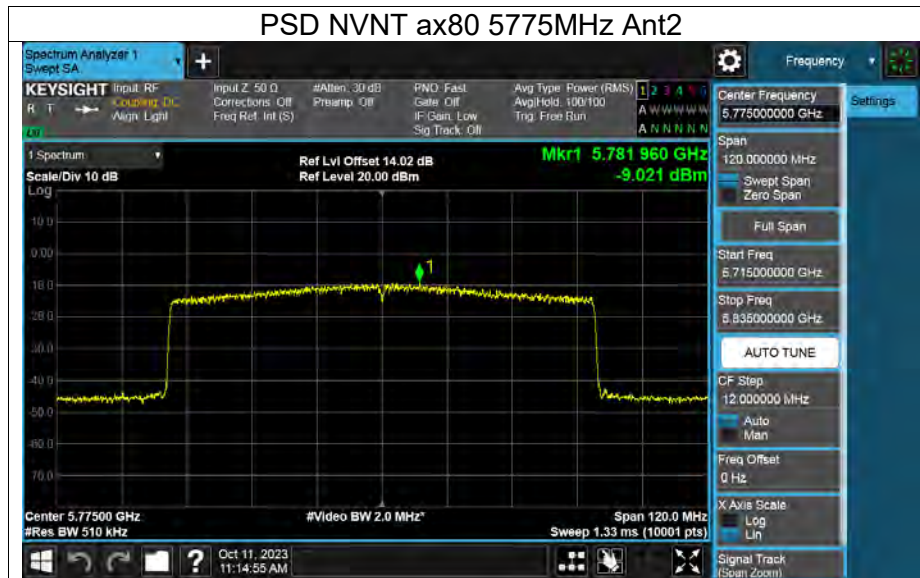


PSD NVNT ax80 5690MHz Ant2 High



PSD NVNT ax80 5775MHz Ant1





Appendix F: -6dB Bandwidth

Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
a	5720 High	Ant1	2.84	≥0.5	Pass
	5745	Ant1	16.01	≥0.5	Pass
	5785	Ant1	16.28	≥0.5	Pass
	5825	Ant1	14.76	≥0.5	Pass
	5720 High	Ant2	2.84	≥0.5	Pass
	5745	Ant2	16.31	≥0.5	Pass
	5785	Ant2	15.35	≥0.5	Pass
	5825	Ant2	15.44	≥0.5	Pass
n20	5720 High	Ant1	1.84	≥0.5	Pass
		Ant2	2.16	≥0.5	Pass
	5745	Ant1	13.81	≥0.5	Pass
		Ant2	15.35	≥0.5	Pass
	5785	Ant1	16.68	≥0.5	Pass
		Ant2	17.57	≥0.5	Pass
	5825	Ant1	15.43	≥0.5	Pass
		Ant2	14.79	≥0.5	Pass
n40	5710 High	Ant1	2.60	≥0.5	Pass
		Ant2	2.76	≥0.5	Pass
	5755	Ant1	35.07	≥0.5	Pass
		Ant2	35.08	≥0.5	Pass
	5795	Ant1	33.79	≥0.5	Pass
		Ant2	35.04	≥0.5	Pass
ac80	5690 High	Ant1	2.76	≥0.5	Pass
		Ant2	3.08	≥0.5	Pass
	5775	Ant1	75.05	≥0.5	Pass
		Ant2	72.58	≥0.5	Pass
ax20	5720 High	Ant1	4.32	≥0.5	Pass
		Ant2	2.88	≥0.5	Pass
	5745	Ant1	18.18	≥0.5	Pass
		Ant2	18.37	≥0.5	Pass
	5785	Ant1	18.23	≥0.5	Pass
		Ant2	18.56	≥0.5	Pass
	5825	Ant1	17.99	≥0.5	Pass
		Ant2	18.76	≥0.5	Pass
ax40	5710 High	Ant1	2.76	≥0.5	Pass
		Ant2	2.76	≥0.5	Pass
	5755	Ant1	35.85	≥0.5	Pass
		Ant2	36.66	≥0.5	Pass
	5795	Ant1	37.15	≥0.5	Pass
		Ant2	34.69	≥0.5	Pass
ax80	5690 High	Ant1	2.44	≥0.5	Pass
		Ant2	2.76	≥0.5	Pass
	5775	Ant1	69.15	≥0.5	Pass
		Ant2	72.60	≥0.5	Pass

Test Graphs

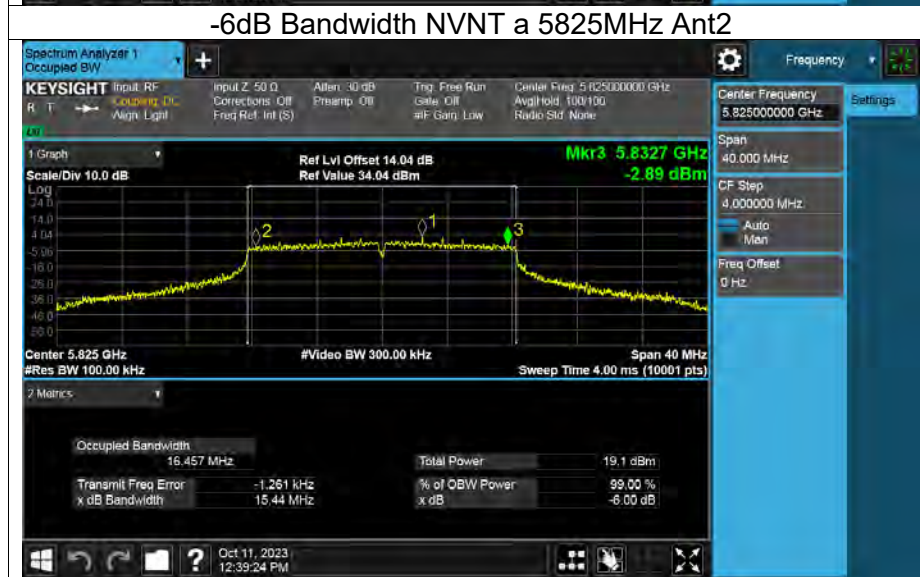
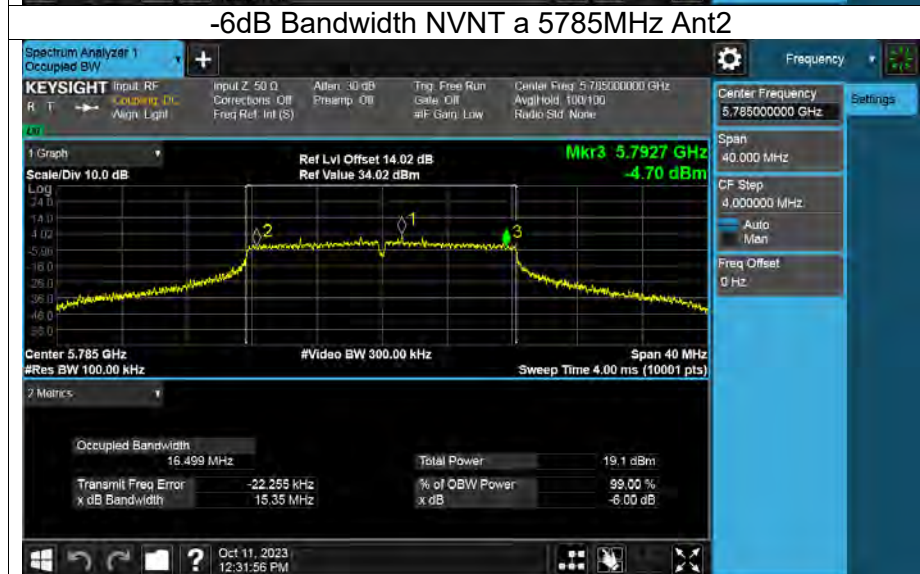
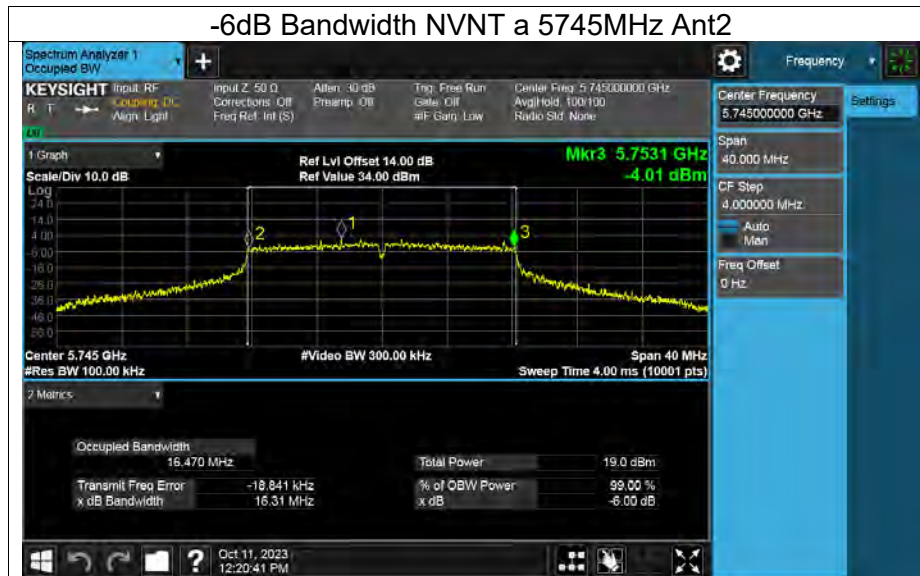
-6dB Bandwidth NVNT a 5720MHz Ant1



-6dB Bandwidth NVNT a 5745MHz Ant1







-6dB Bandwidth NVNT n20 5720MHz Ant1

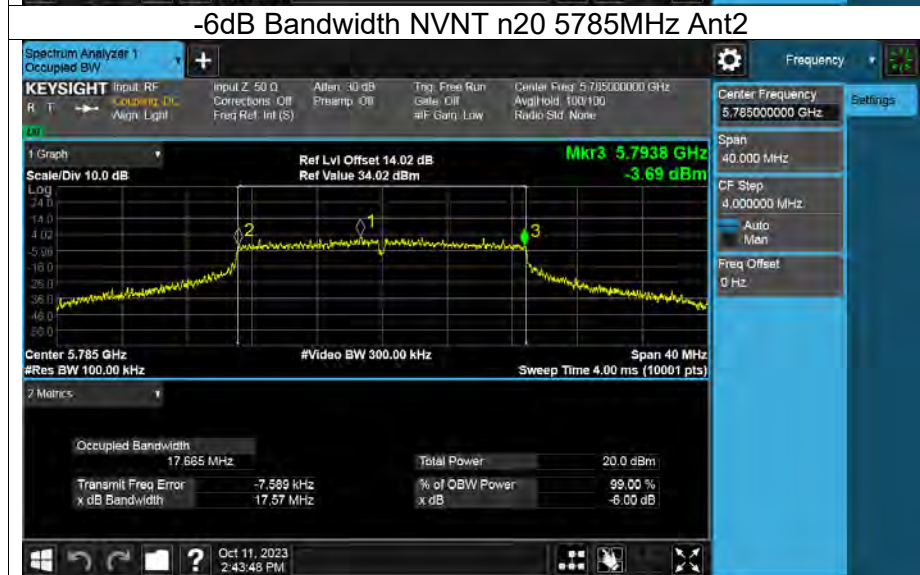
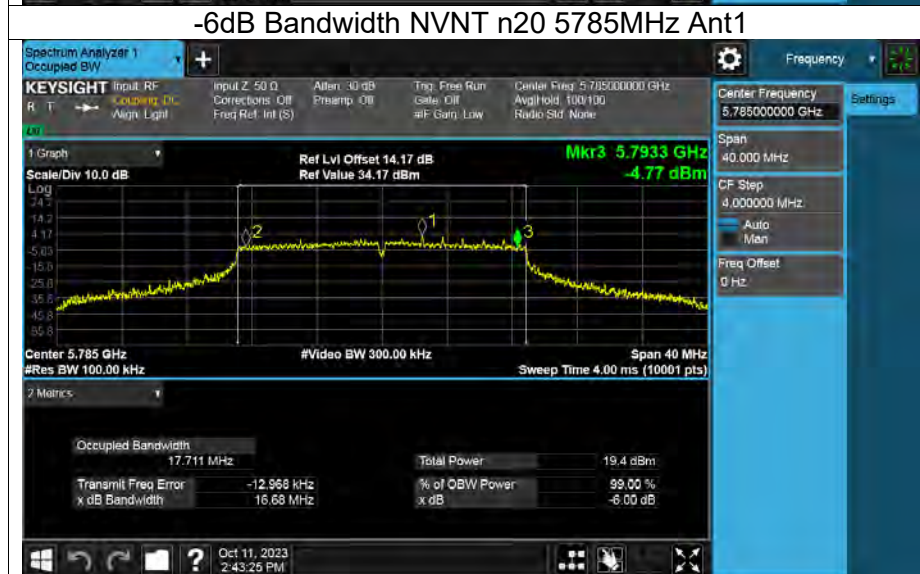
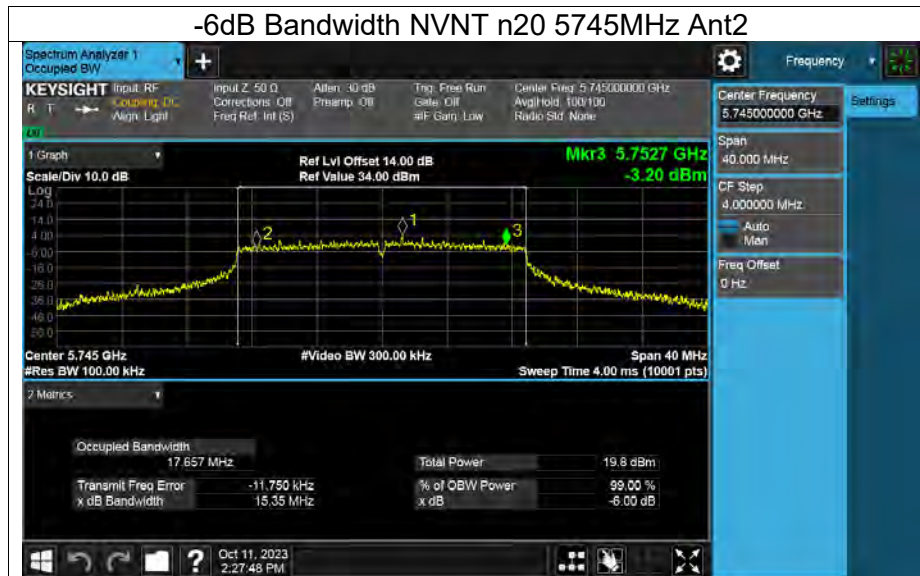


-6dB Bandwidth NVNT n20 5720MHz Ant2



-6dB Bandwidth NVNT n20 5745MHz Ant1





-6dB Bandwidth NVNT n20 5825MHz Ant1

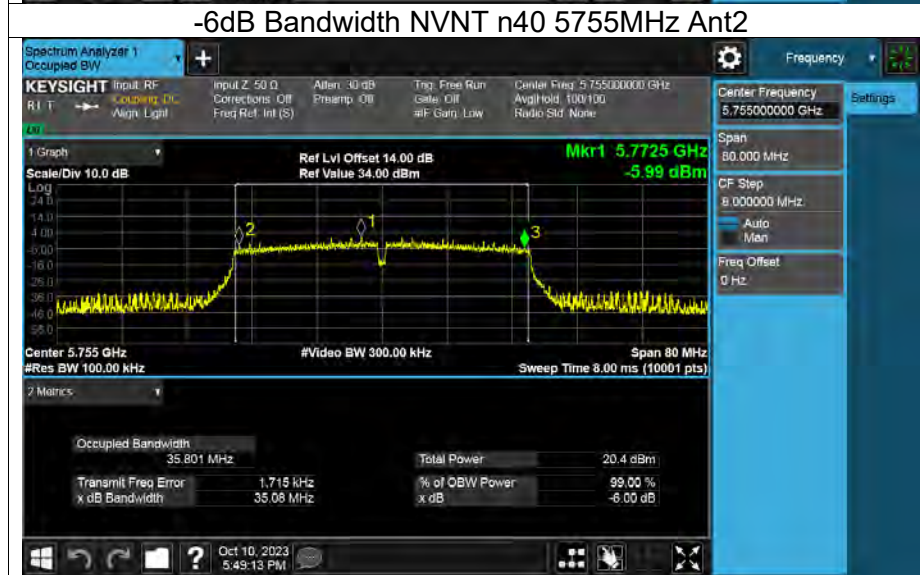
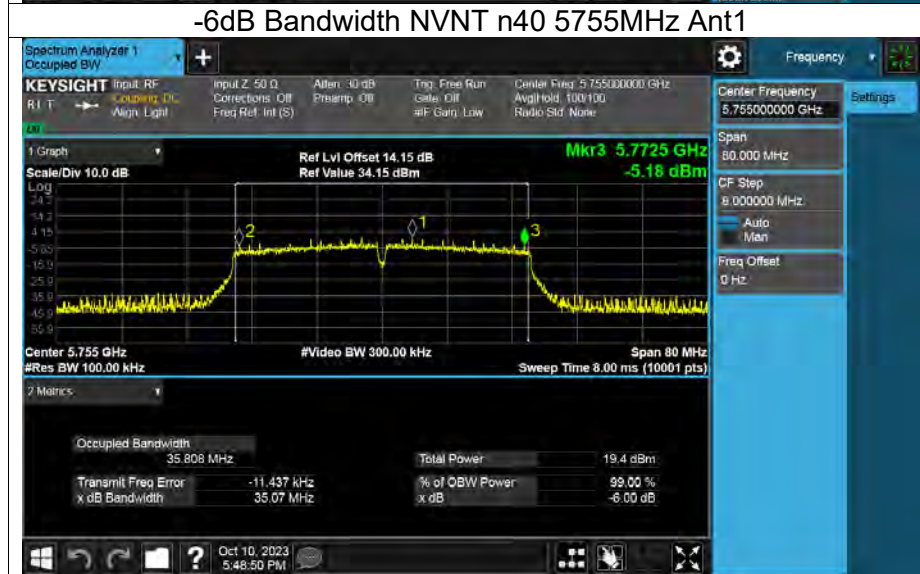
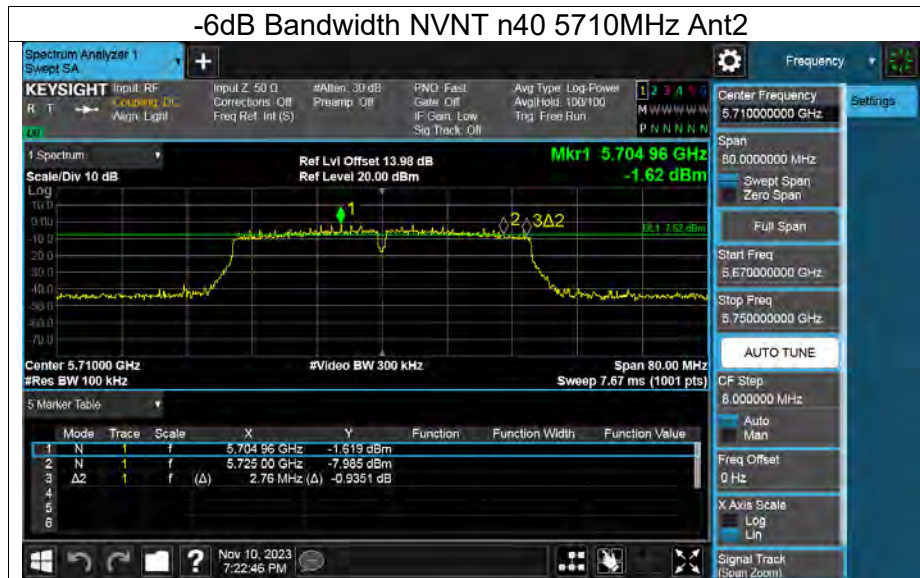


-6dB Bandwidth NVNT n20 5825MHz Ant2

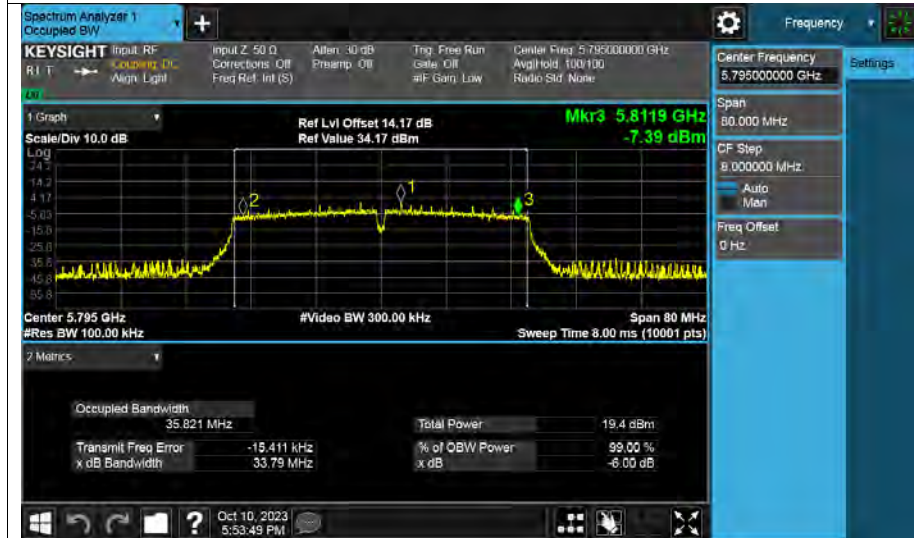


-6dB Bandwidth NVNT n40 5710MHz Ant1





-6dB Bandwidth NVNT n40 5795MHz Ant1

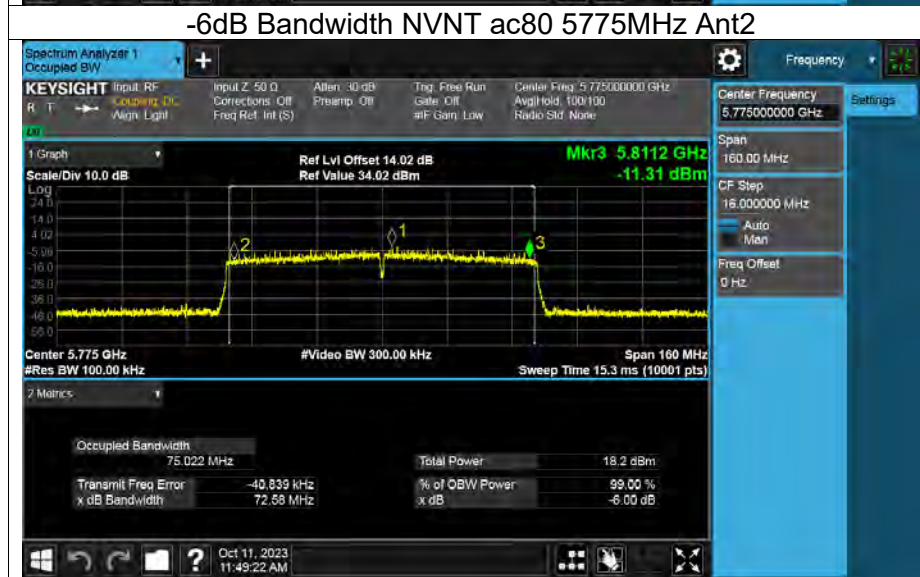
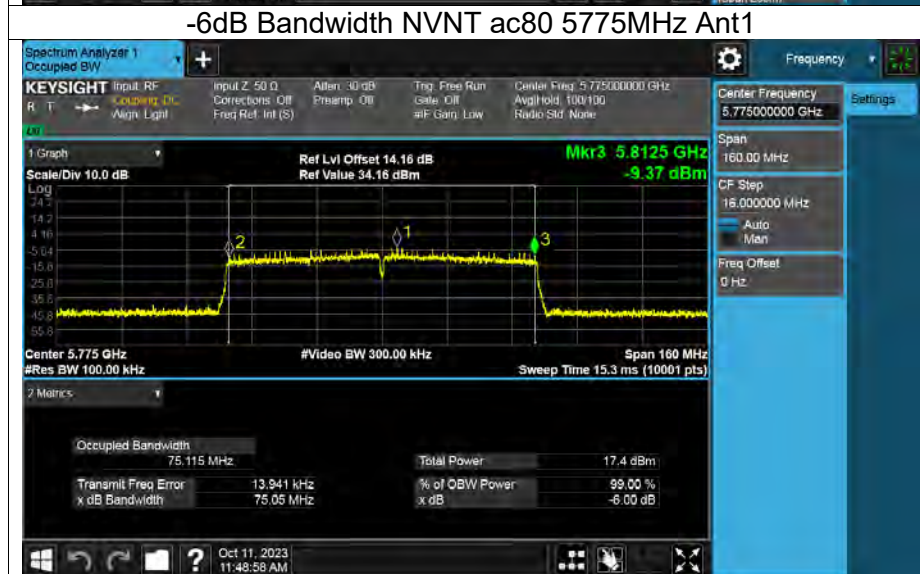
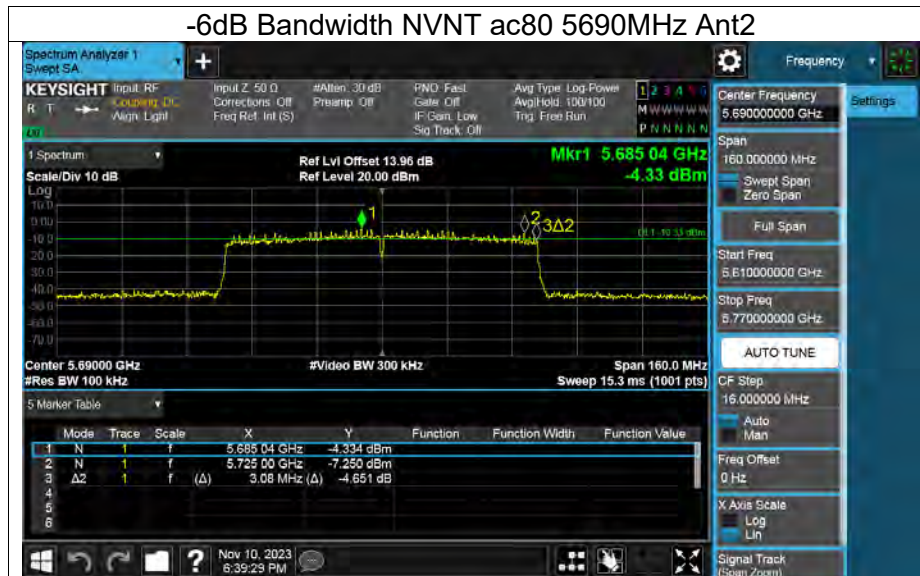


-6dB Bandwidth NVNT n40 5795MHz Ant2



-6dB Bandwidth NVNT ac80 5690MHz Ant1





-6dB Bandwidth NVNT ax20 5720MHz Ant1



-6dB Bandwidth NVNT ax20 5720MHz Ant2



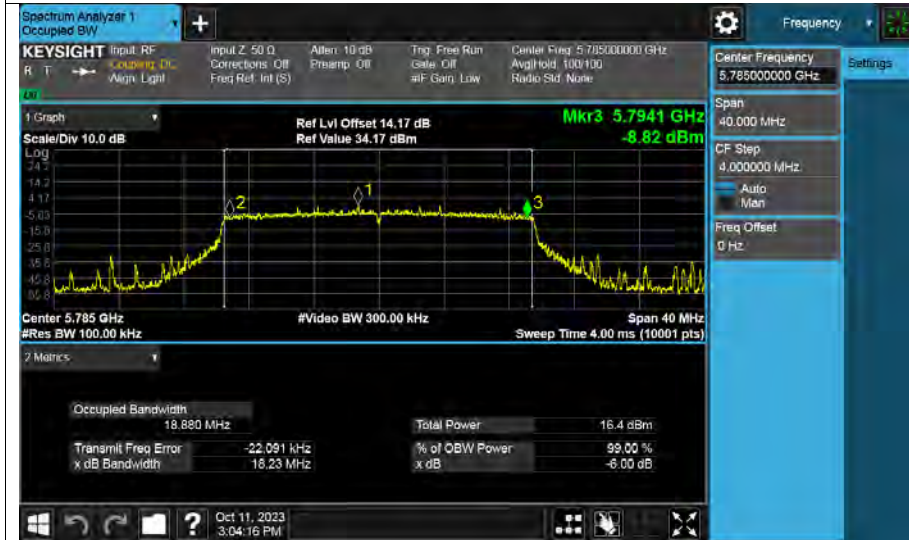
-6dB Bandwidth NVNT ax20 5745MHz Ant1



-6dB Bandwidth NVNT ax20 5745MHz Ant2



-6dB Bandwidth NVNT ax20 5785MHz Ant1



-6dB Bandwidth NVNT ax20 5785MHz Ant2



-6dB Bandwidth NVNT ax20 5825MHz Ant1



-6dB Bandwidth NVNT ax20 5825MHz Ant2



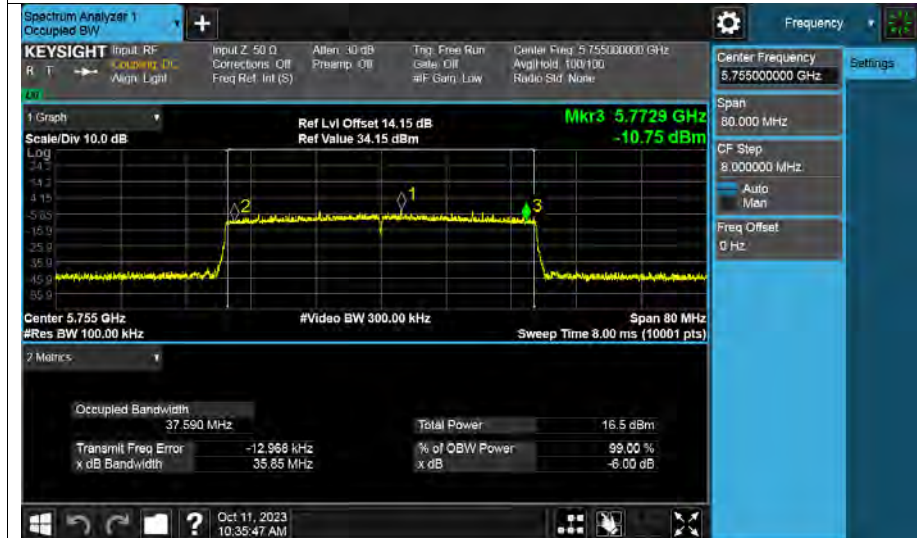
-6dB Bandwidth NVNT ax40 5710MHz Ant1



-6dB Bandwidth NVNT ax40 5710MHz Ant2



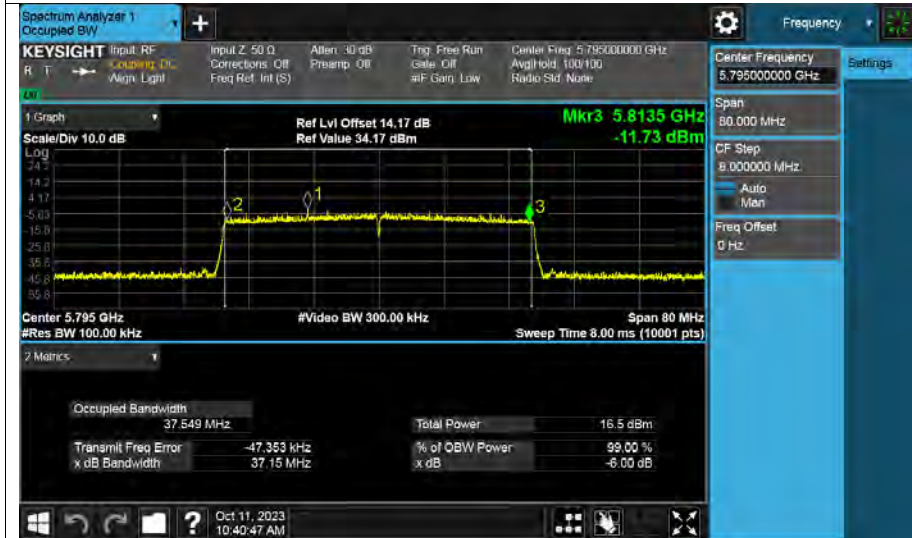
-6dB Bandwidth NVNT ax40 5755MHz Ant1



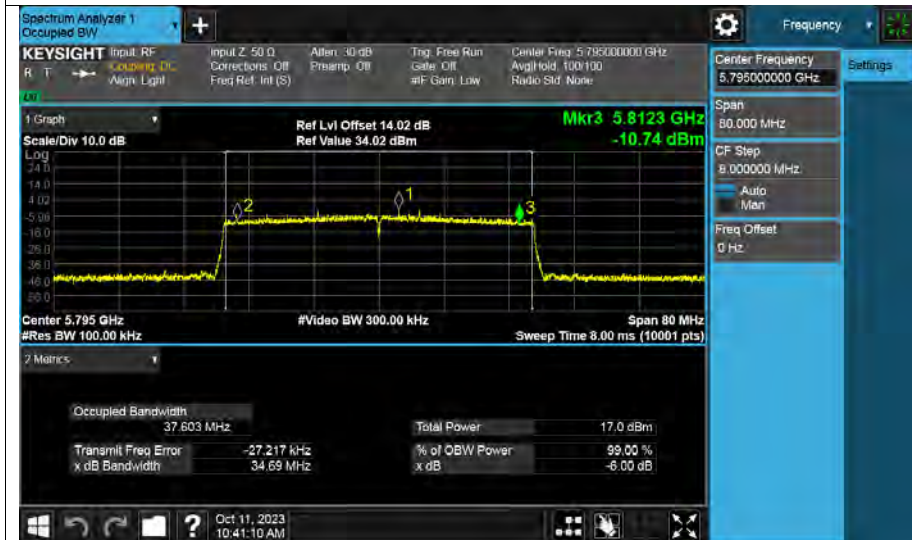
-6dB Bandwidth NVNT ax40 5755MHz Ant2



-6dB Bandwidth NVNT ax40 5795MHz Ant1



-6dB Bandwidth NVNT ax40 5795MHz Ant2



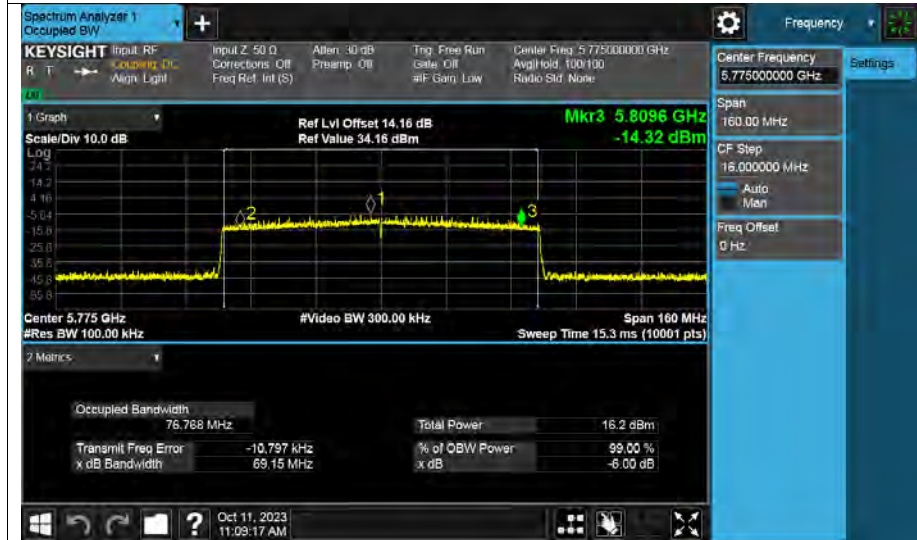
-6dB Bandwidth NVNT ax80 5690MHz Ant1



-6dB Bandwidth NVNT ax80 5690MHz Ant2



-6dB Bandwidth NVNT ax80 5775MHz Ant1



-6dB Bandwidth NVNT ax80 5775MHz Ant2



Appendix G: Frequency Stability

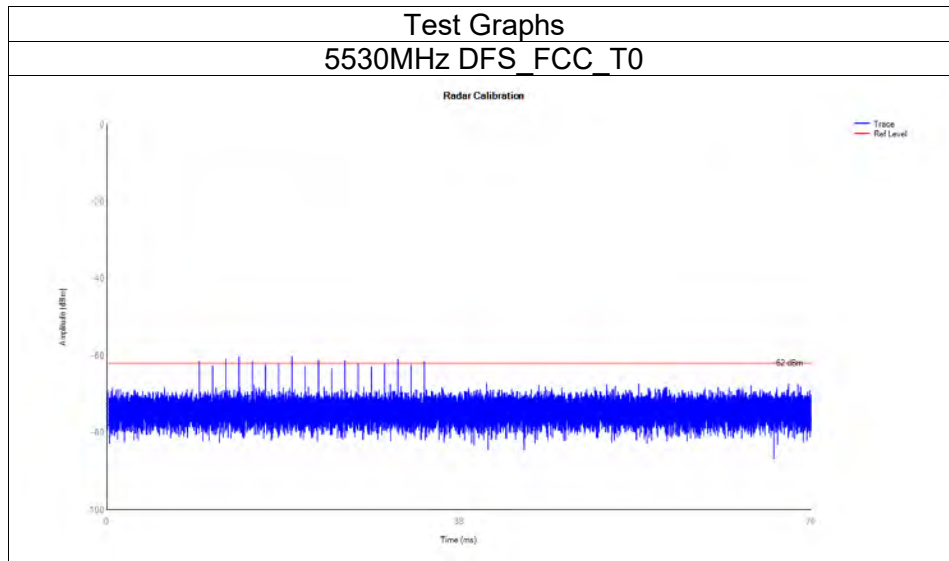
Frequency Error vs. Voltage									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5199.9818	-3.50	5199.9791	-4.01	5199.9829	-3.29	5199.9794	-3.96
TN	VN	5199.9781	-4.22	5199.9889	-2.14	5200.0173	3.32	5199.9992	-0.16
TN	VH	5199.9769	-4.45	5199.9815	-3.55	5199.9776	-4.31	5199.9848	-2.93
Frequency Error vs. Temperature									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
70	VN	5200.0037	0.72	5200.0079	1.53	5200.0130	2.50	5199.9977	-0.45
60	VN	5199.9928	-1.38	5200.0069	1.33	5199.9755	-4.72	5200.0190	3.66
50	VN	5200.0145	2.79	5199.9781	-4.22	5199.9803	-3.79	5200.0237	4.57
40	VN	5200.0049	0.94	5199.9888	-2.15	5199.9782	-4.19	5200.0006	0.12
30	VN	5200.0139	2.68	5200.0047	0.91	5200.0065	1.25	5199.9792	-4.01
20	VN	5200.0014	0.28	5199.9760	-4.62	5200.0065	1.24	5200.0208	3.99
10	VN	5200.0196	3.77	5199.9961	-0.75	5200.0147	2.83	5200.0121	2.34
0	VN	5200.0202	3.89	5200.0123	2.37	5199.9892	-2.08	5199.9750	-4.80
-10	VN	5200.0172	3.31	5199.9986	-0.26	5200.0081	1.56	5199.9811	-3.63

Note:

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

Appendix H: Calibration

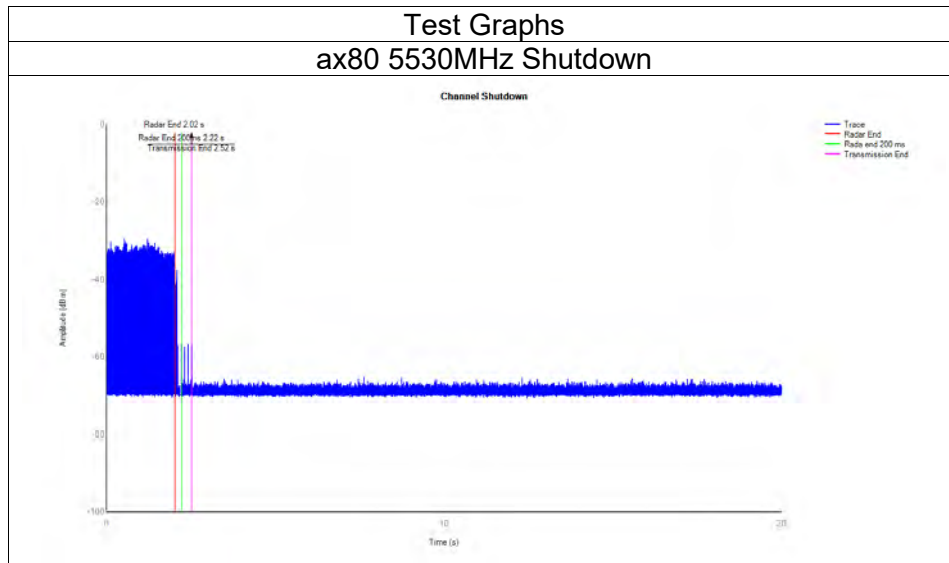
Mode	Frequency (MHz)	Type	Result	Verdict
ax80	5530	DFS_FCC_T0	See test Graph	Pass



Appendix I: Shutdown Time

Mod e	Frequen cy (MHz)	Chann el Move Time (s)	Limit Chann el Move Time (s)	Close Transmissi on Time (s)	Limit Close Transmissi on Time (s)	Close Transmissi on Time after 200ms(s)	Limit Close Transmissi on Time after 200ms (s)	Verdi ct
ax80	5530	0.493	10	0.019	0.26	0.003	0.06	Pass

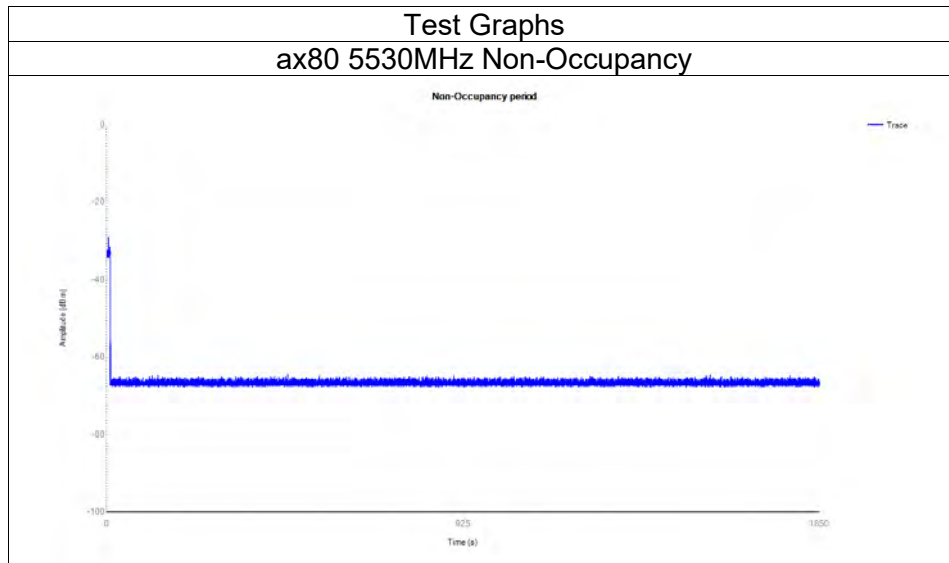
Note: All test modes and antennas has been tested, but only the worst case data recorded in the report.



Appendix J: Non-Occupancy

Mode	Frequency (MHz)	Result	Verdict
ax80	5530	See test Graph	Pass

Note: All test modes and antennas has been tested, but only the worst case data recorded in the report.



END OF REPORT