

Maximum Power Spectral Density Measurement

Test Mode	Frequency (MHz)	ANT-0			ANT-1			Limit (dBm/MHz)
		Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	
Mode 2	5180	0.978	0.052	1.030	0.142	0.052	0.194	≤ 11.00
	5200	1.014	0.052	1.066	0.153	0.052	0.205	≤ 11.00
	5240	0.804	0.052	0.856	0.123	0.052	0.175	≤ 11.00
	5260	0.872	0.052	0.924	0.306	0.052	0.358	≤ 11.00
	5280	1.001	0.052	1.053	0.123	0.052	0.175	≤ 11.00
	5320	1.095	0.052	1.147	0.803	0.052	0.855	≤ 11.00
	5500	1.989	0.052	2.041	1.755	0.052	1.807	≤ 11.00
	5560	2.481	0.052	2.533	2.358	0.052	2.410	≤ 11.00
	5700	2.445	0.052	2.497	2.487	0.052	2.539	≤ 11.00
	5720	2.626	0.052	2.678	2.507	0.052	2.559	≤ 11.00
Mode 5	5180	0.516	0.055	0.571	-0.476	0.055	-0.421	≤ 11.00
	5200	0.278	0.055	0.333	-0.603	0.055	-0.548	≤ 11.00
	5240	0.418	0.055	0.473	-0.371	0.055	-0.316	≤ 11.00
	5260	0.295	0.055	0.350	-0.295	0.055	-0.240	≤ 11.00
	5280	0.705	0.055	0.760	0.025	0.055	0.080	≤ 11.00
	5320	0.302	0.055	0.357	0.584	0.055	0.639	≤ 11.00
	5500	1.748	0.055	1.803	1.679	0.055	1.734	≤ 11.00
	5560	2.123	0.055	2.178	2.311	0.055	2.366	≤ 11.00
	5700	2.651	0.055	2.706	2.527	0.055	2.582	≤ 11.00
	5720	2.089	0.055	2.144	1.998	0.055	2.053	≤ 11.00
Mode 6	5190	-3.881	0.107	-3.774	-4.851	0.107	-4.744	≤ 11.00
	5230	-3.841	0.107	-3.734	-4.880	0.107	-4.773	≤ 11.00
	5270	-4.113	0.107	-4.006	-5.086	0.107	-4.979	≤ 11.00
	5310	-3.701	0.107	-3.594	-5.084	0.107	-4.977	≤ 11.00
	5510	-3.502	0.107	-3.395	-3.893	0.107	-3.786	≤ 11.00
	5550	-3.277	0.107	-3.170	-3.778	0.107	-3.671	≤ 11.00
	5670	-3.020	0.107	-2.913	-2.958	0.107	-2.851	≤ 11.00
	5710	-2.748	0.107	-2.641	-2.938	0.107	-2.831	≤ 11.00
Mode 7	5210	-7.109	0.261	-6.848	-7.566	0.261	-7.305	≤ 11.00
	5290	-7.571	0.261	-7.310	-8.236	0.261	-7.975	≤ 11.00
	5530	-6.005	0.261	-5.744	-6.259	0.261	-5.998	≤ 11.00
	5610	-5.757	0.261	-5.496	-6.102	0.261	-5.841	≤ 11.00
	5690	-6.063	0.261	-5.802	-6.250	0.261	-5.989	≤ 11.00

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Frequency (MHz)	ANT-0+1	Limit
		(dBm/MHz)	(dBm/MHz)
Mode 2	5180	3.642	≤ 11.00
	5200	3.667	≤ 11.00
	5240	3.539	≤ 11.00
	5260	3.660	≤ 11.00
	5280	3.646	≤ 11.00
	5320	4.014	≤ 11.00
	5500	4.936	≤ 11.00
	5560	5.482	≤ 11.00
	5700	5.528	≤ 11.00
	5720	5.629	≤ 11.00
Mode 5	5180	3.114	≤ 11.00
	5200	2.925	≤ 11.00
	5240	3.107	≤ 11.00
	5260	3.076	≤ 11.00
	5280	3.444	≤ 11.00
	5320	3.511	≤ 11.00
	5500	4.779	≤ 11.00
	5560	5.284	≤ 11.00
	5700	5.655	≤ 11.00
	5720	5.109	≤ 11.00
Mode 6	5190	-1.222	≤ 11.00
	5230	-1.212	≤ 11.00
	5270	-1.455	≤ 11.00
	5310	-1.220	≤ 11.00
	5510	-0.576	≤ 11.00
	5550	-0.403	≤ 11.00
	5670	0.128	≤ 11.00
	5710	0.275	≤ 11.00
Mode 7	5210	-4.060	≤ 11.00
	5290	-4.619	≤ 11.00
	5530	-2.858	≤ 11.00
	5610	-2.654	≤ 11.00
	5690	-2.884	≤ 11.00

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Frequency (MHz)	ANT-0			ANT-1			Limit (dBm/500 kHz)
		Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	
Mode 2	5720	-7.788	0.052	-0.746	-8.016	0.052	-0.974	≤ 30.00
	5745	-6.135	0.052	0.907	-6.811	0.052	0.231	≤ 30.00
	5785	-6.610	0.052	0.432	-7.571	0.052	-0.529	≤ 30.00
	5825	-6.740	0.052	0.302	-7.581	0.052	-0.539	≤ 30.00
Mode 5	5720	-7.835	0.055	-0.790	-8.204	0.055	-1.159	≤ 30.00
	5745	-7.105	0.055	-0.060	-7.986	0.055	-0.941	≤ 30.00
	5785	-7.167	0.055	-0.122	-7.986	0.055	-0.941	≤ 30.00
	5825	-7.410	0.055	-0.365	-7.574	0.055	-0.529	≤ 30.00
Mode 6	5710	-13.504	0.107	-6.407	-13.658	0.107	-6.561	≤ 30.00
	5755	-11.198	0.107	-4.101	-11.392	0.107	-4.295	≤ 30.00
	5795	-11.338	0.107	-4.241	-11.869	0.107	-4.772	≤ 30.00
Mode 7	5690	-17.066	0.261	-9.815	-17.198	0.261	-9.947	≤ 30.00
	5775	-13.922	0.261	-6.671	-14.297	0.261	-7.046	≤ 30.00

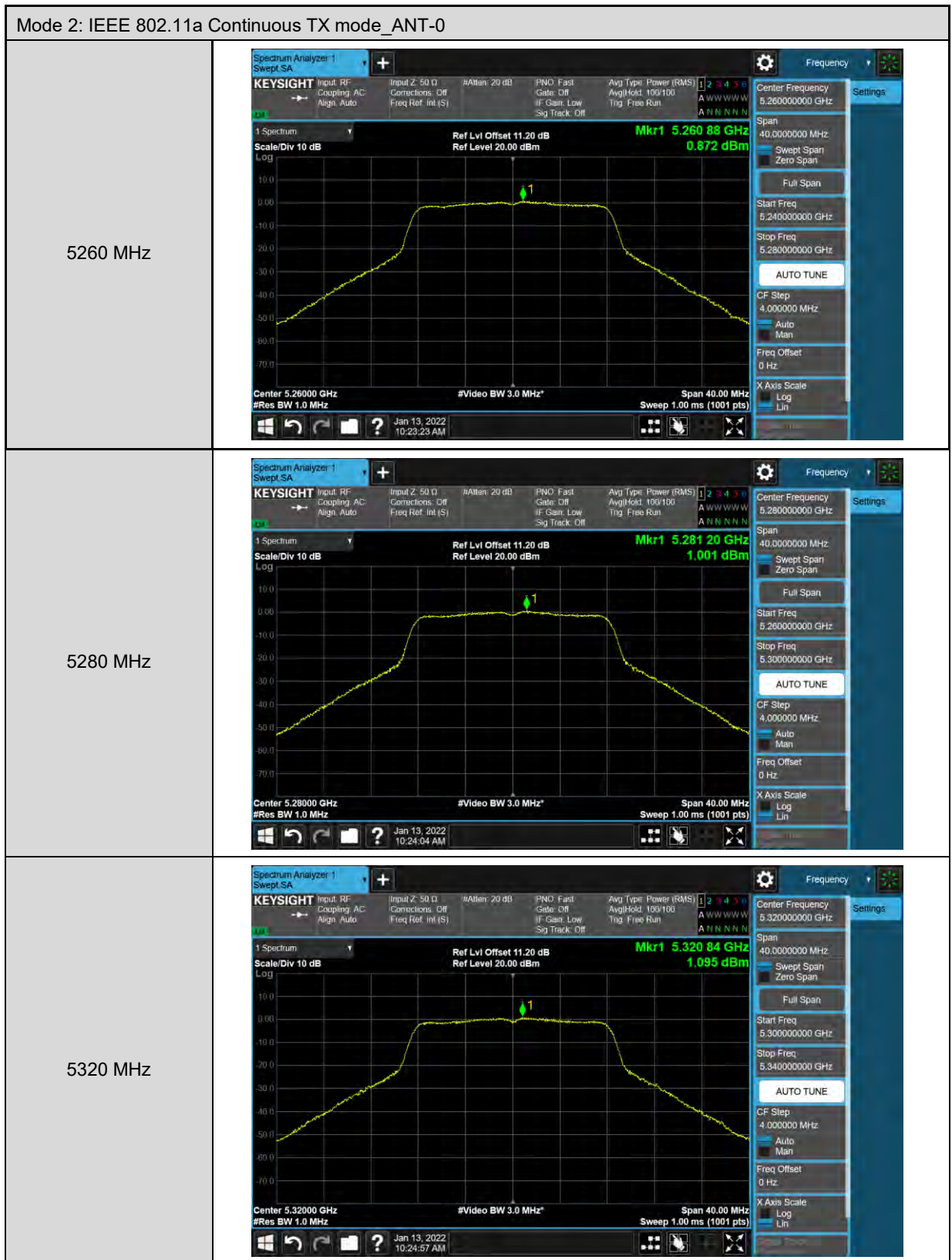
Test Mode	Frequency (MHz)	ANT-0+1	Limit (dBm/500 kHz)
		Calculated (dBm/500 kHz)	
Mode 2	5720	2.151	≤ 30.00
	5745	3.592	≤ 30.00
	5785	2.988	≤ 30.00
	5825	2.912	≤ 30.00
Mode 5	5720	2.040	≤ 30.00
	5745	2.532	≤ 30.00
	5785	2.498	≤ 30.00
	5825	2.564	≤ 30.00
Mode 6	5710	-3.473	≤ 30.00
	5755	-1.187	≤ 30.00
	5795	-1.488	≤ 30.00
Mode 7	5690	-6.870	≤ 30.00
	5775	-3.844	≤ 30.00

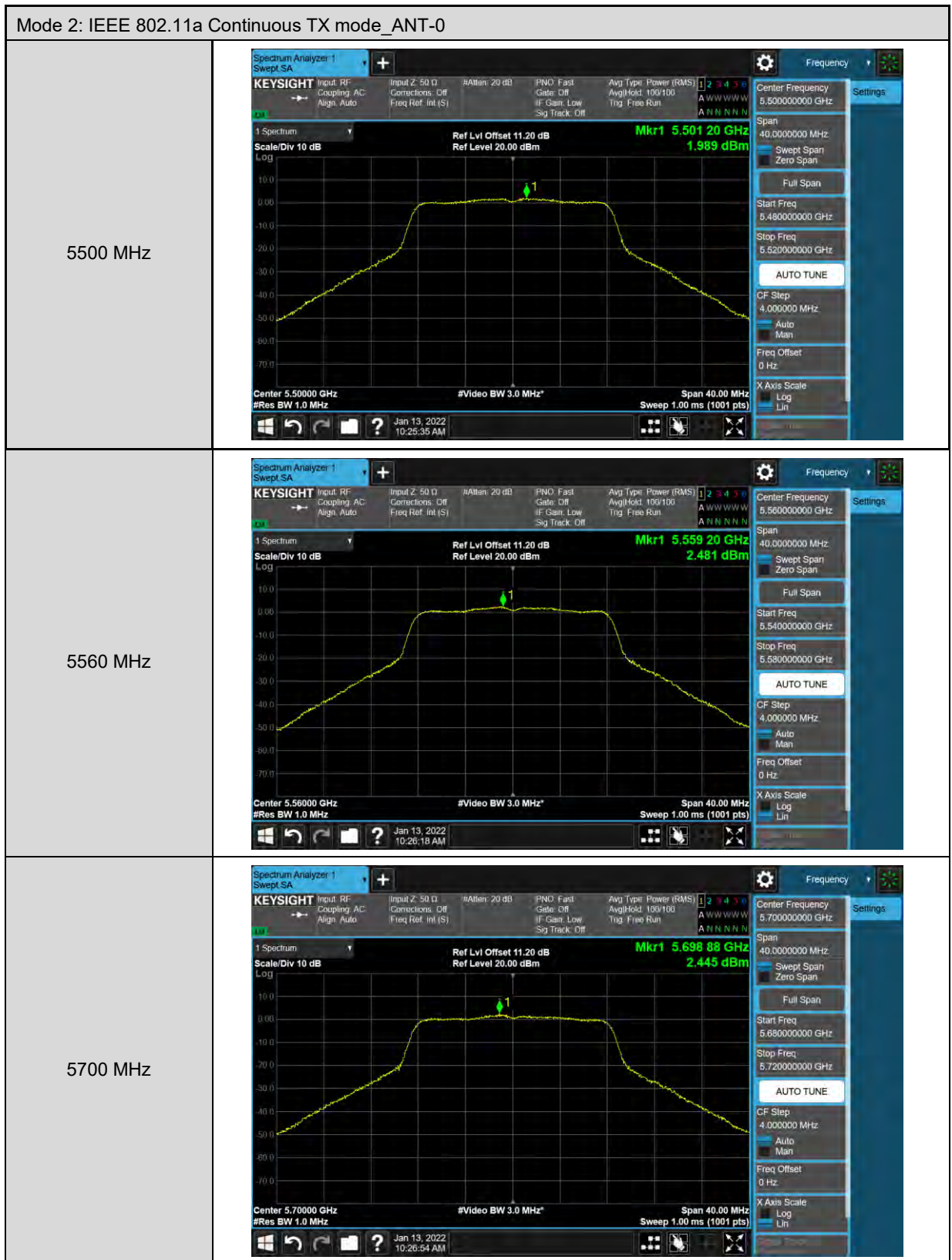
Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 kHz/100 kHz)

■ Test Graphs

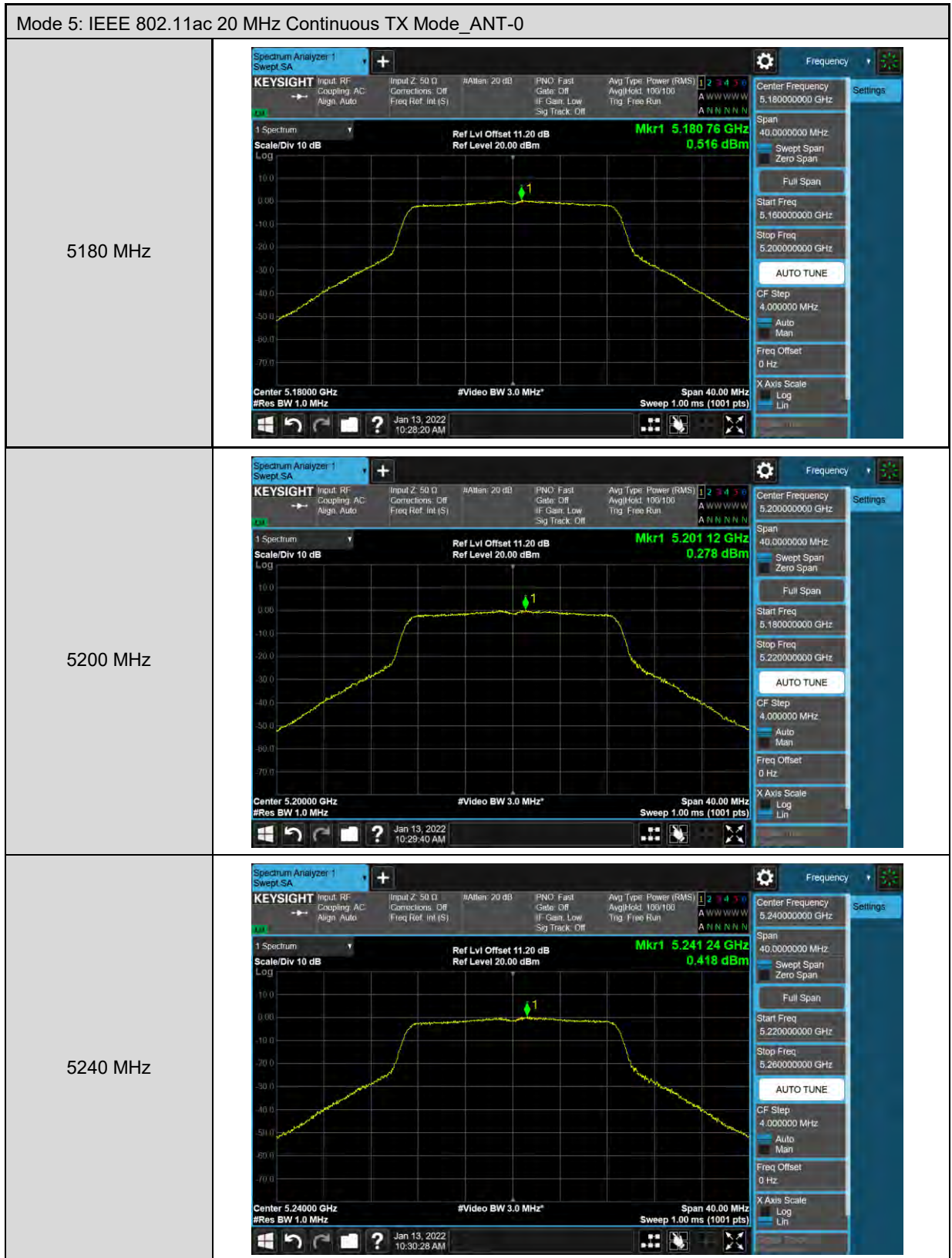


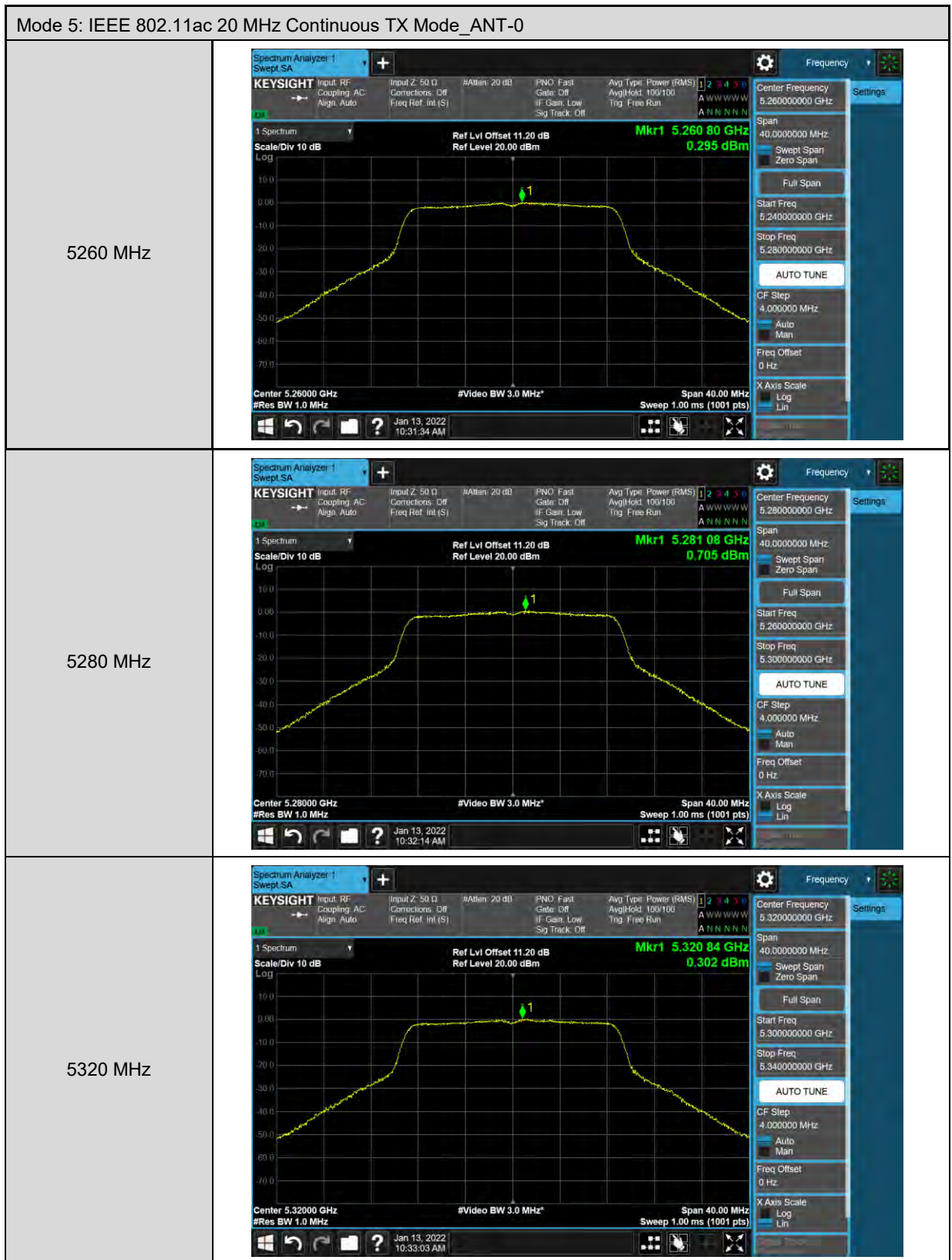


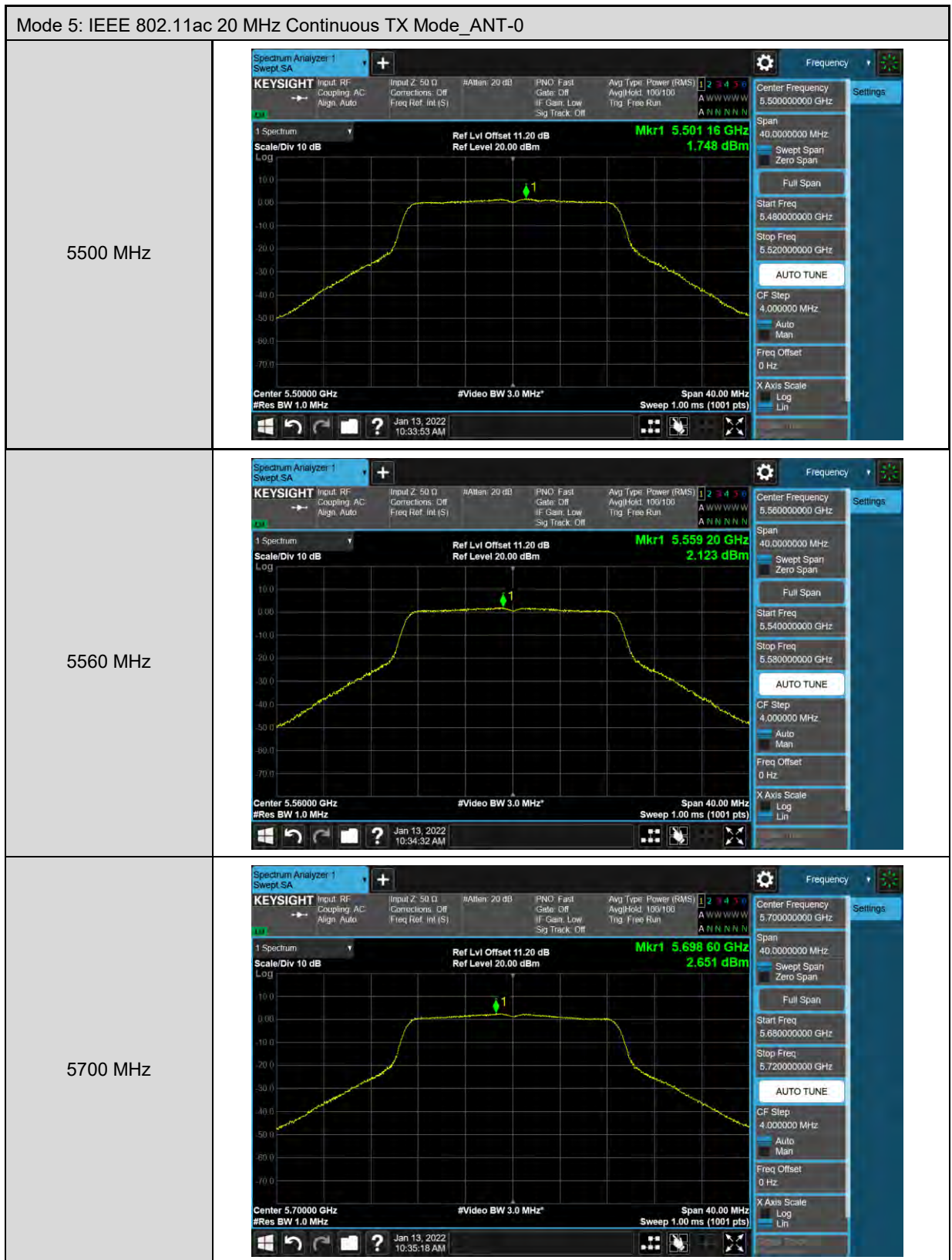


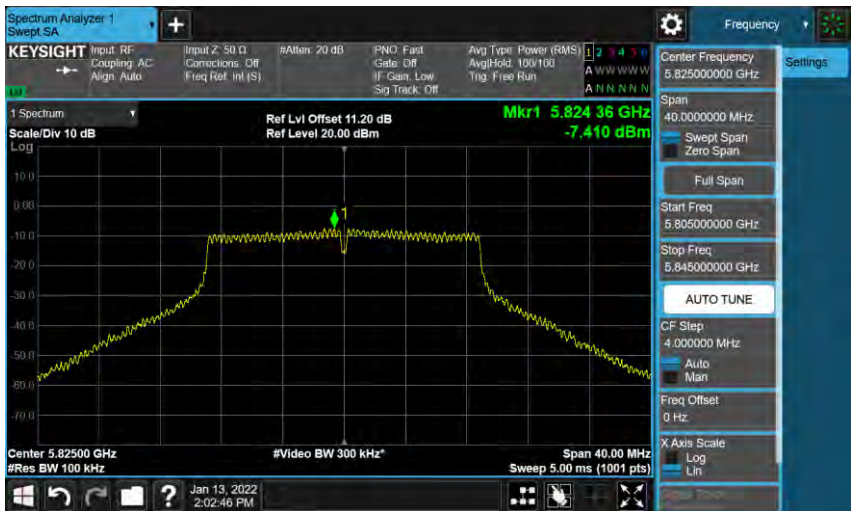




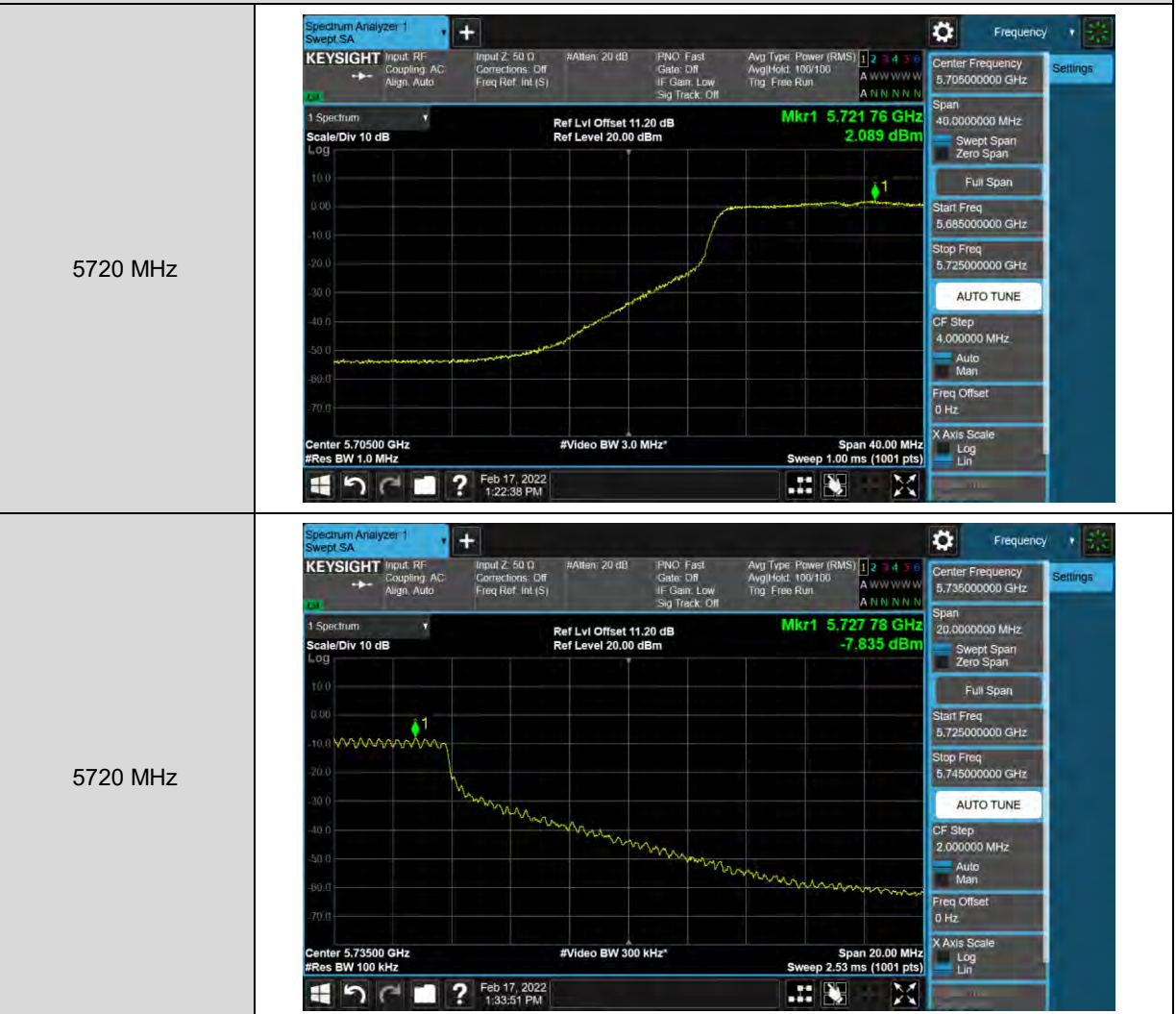




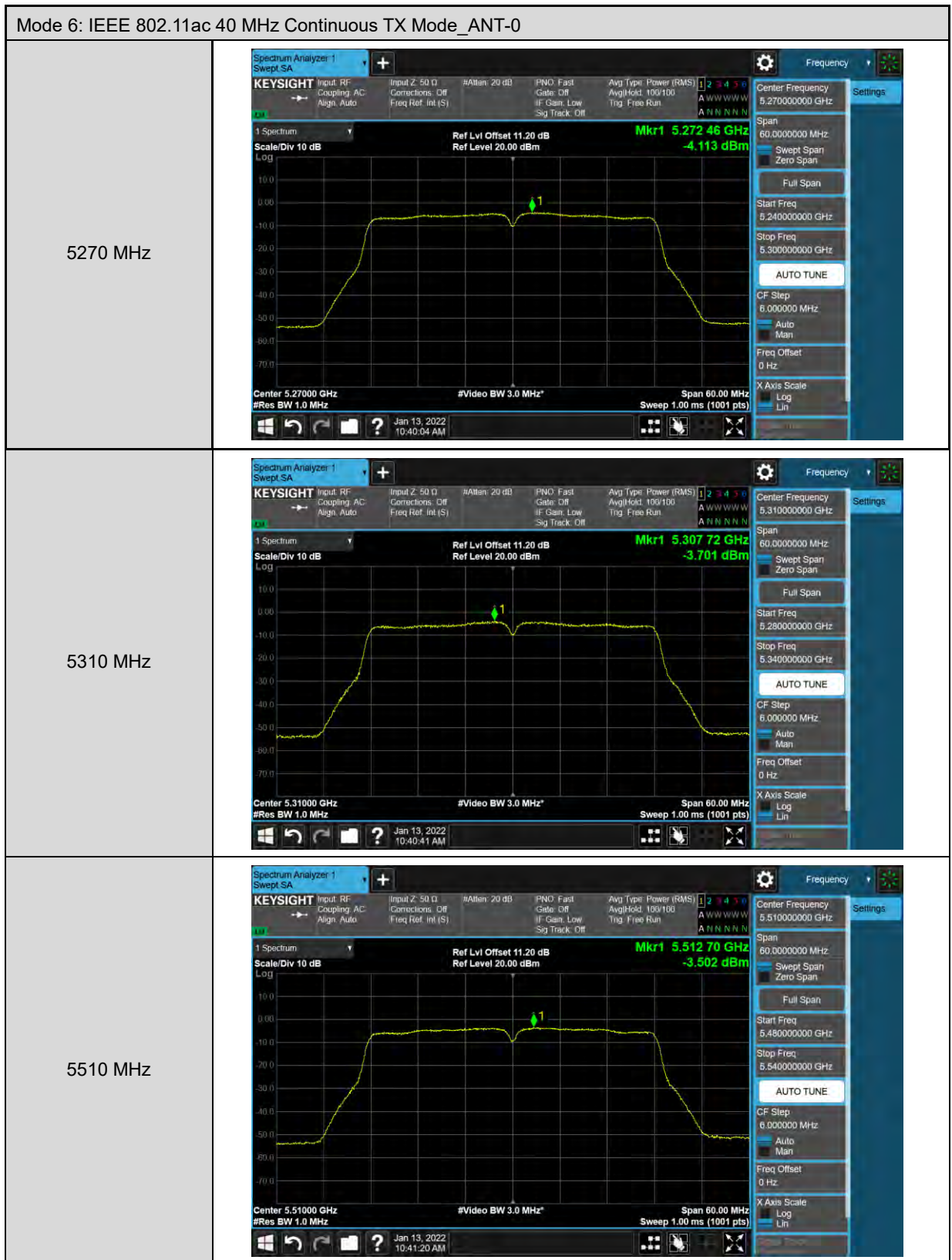


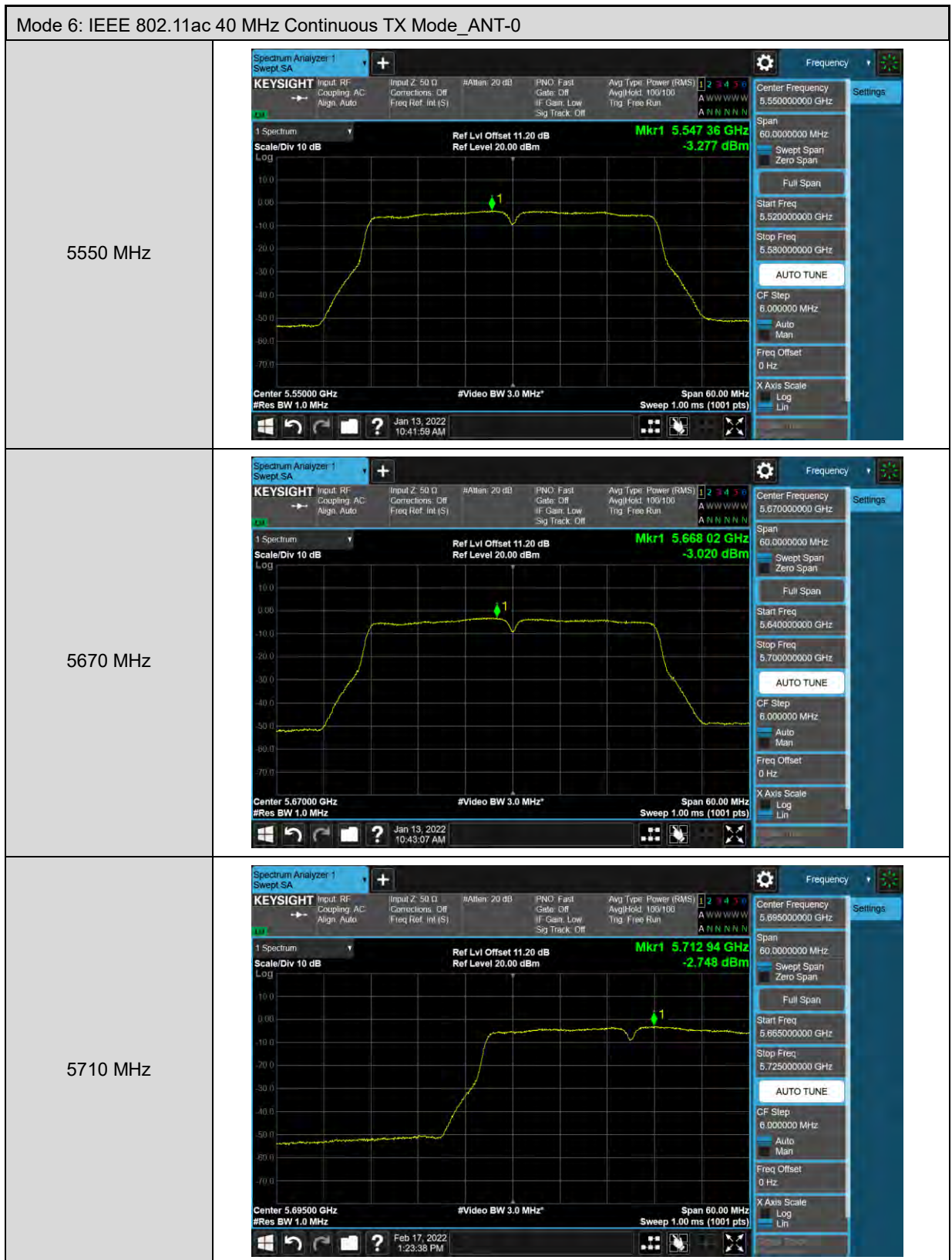
Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

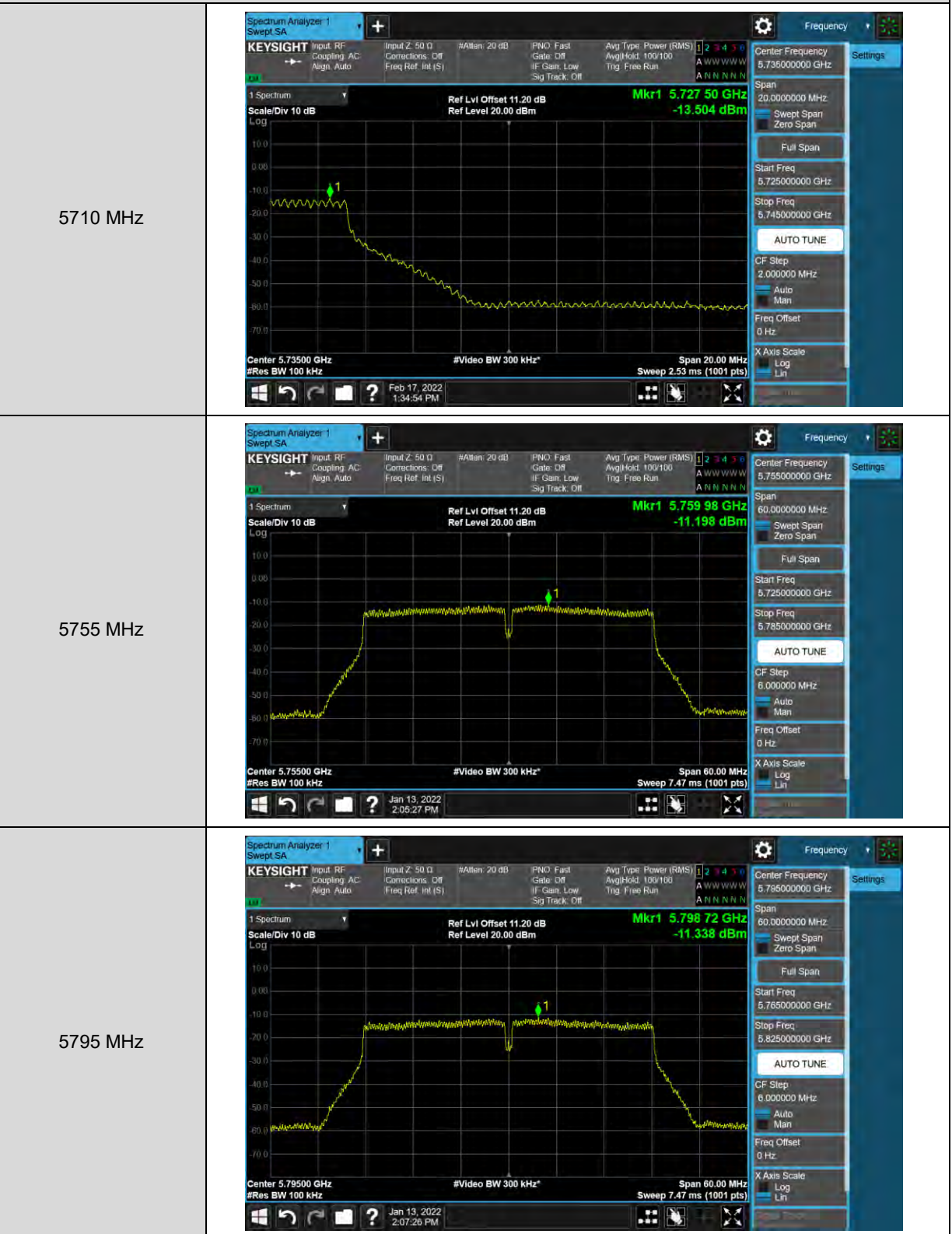


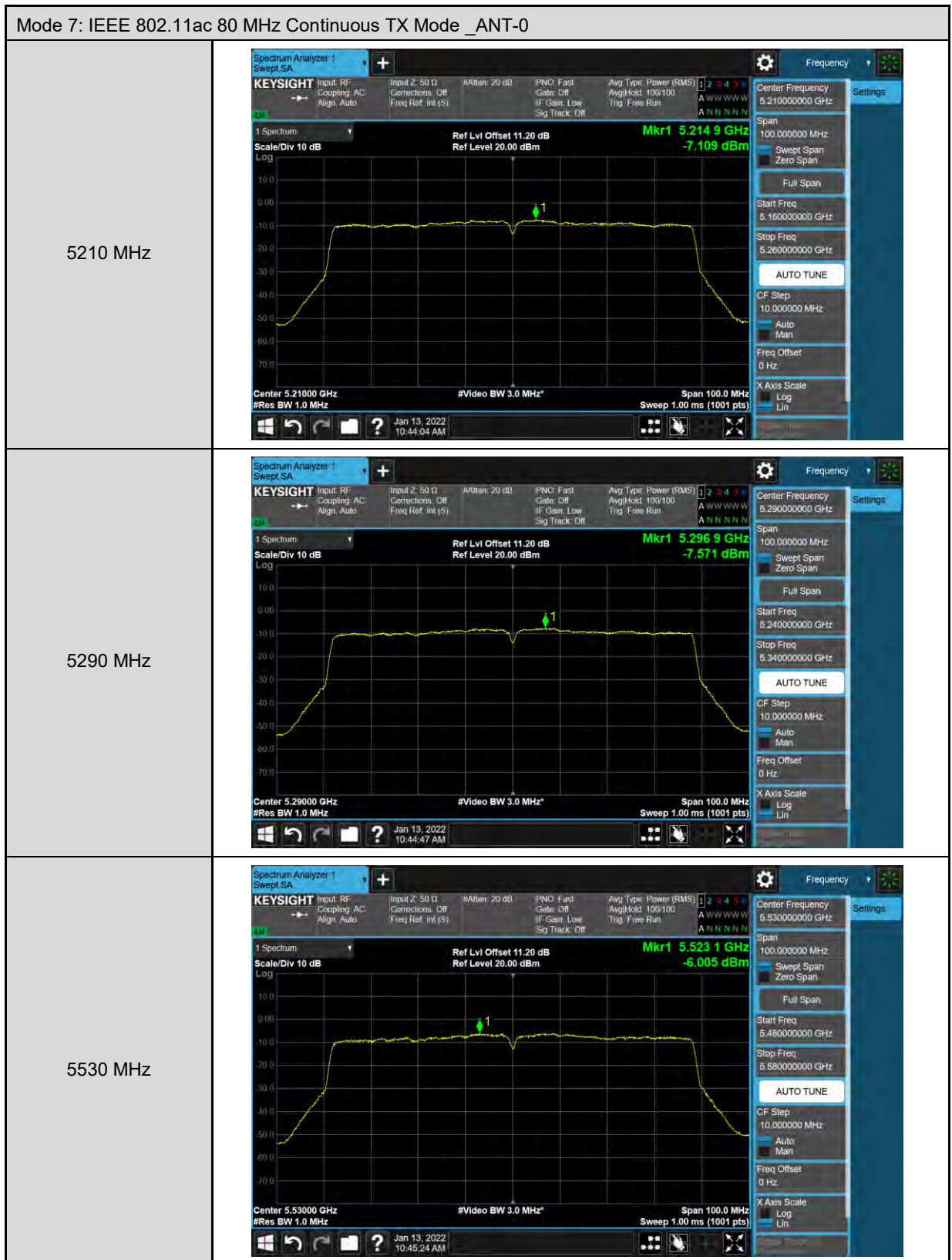


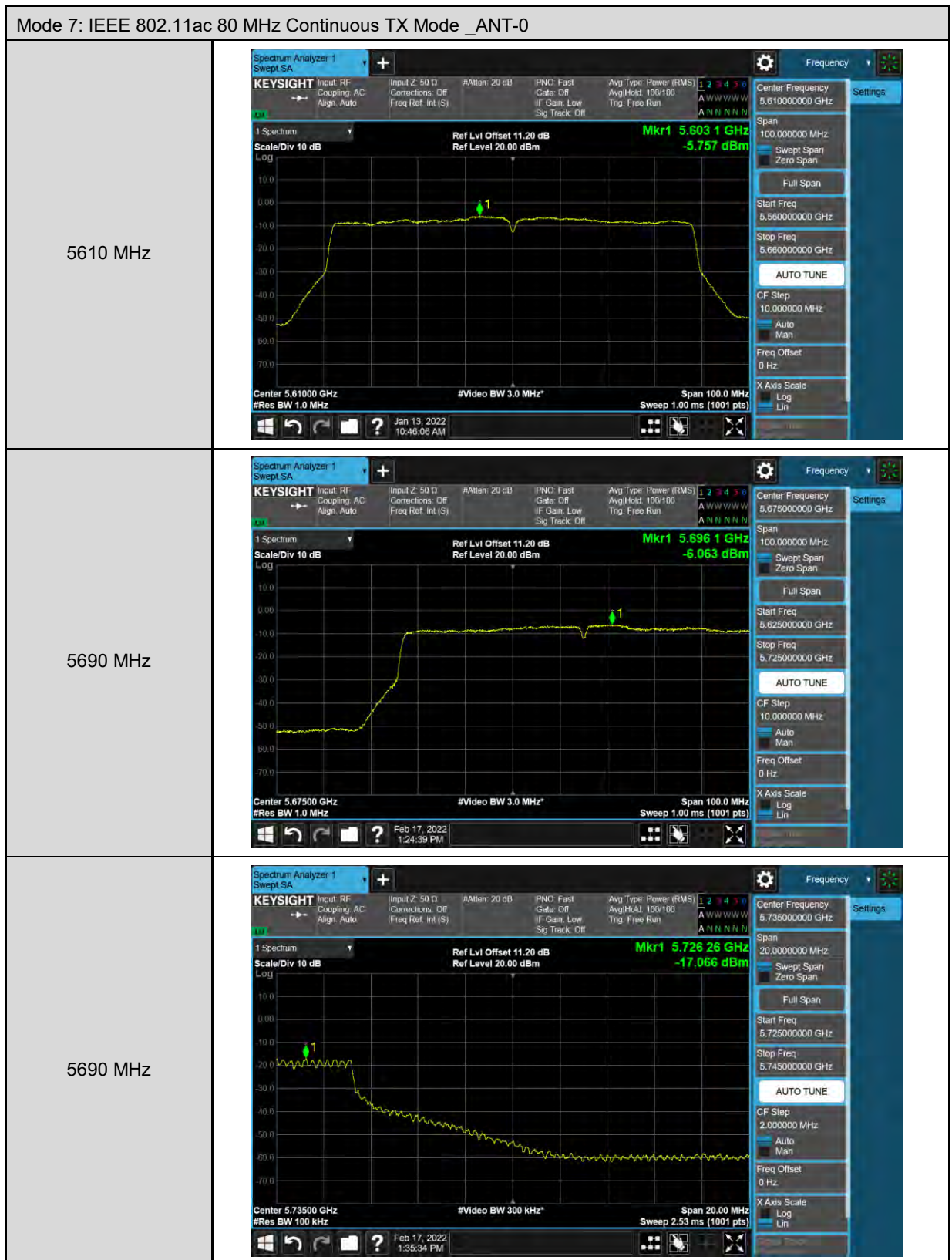




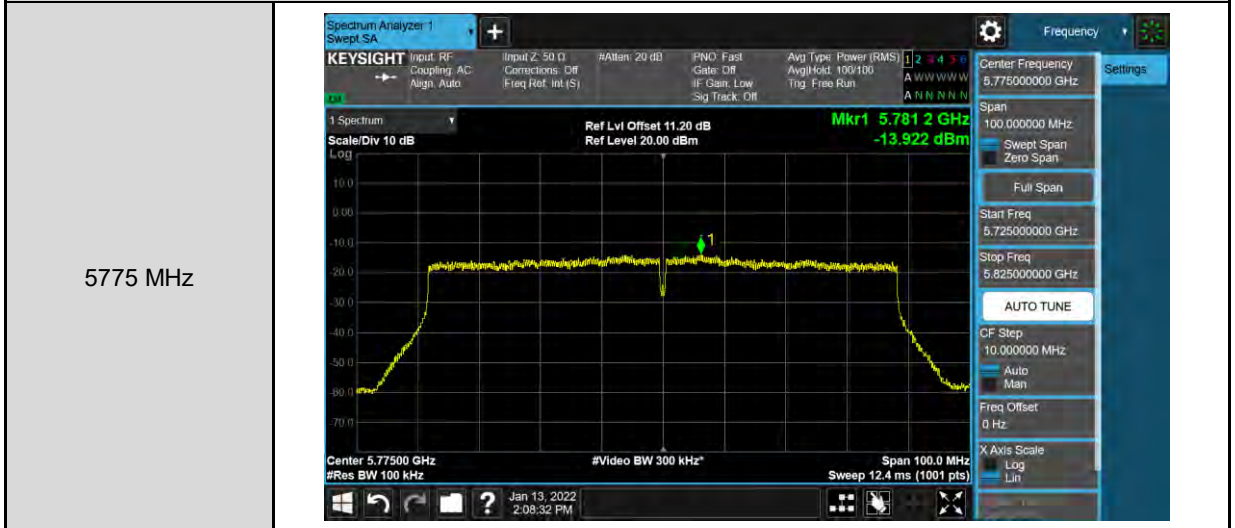
Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0

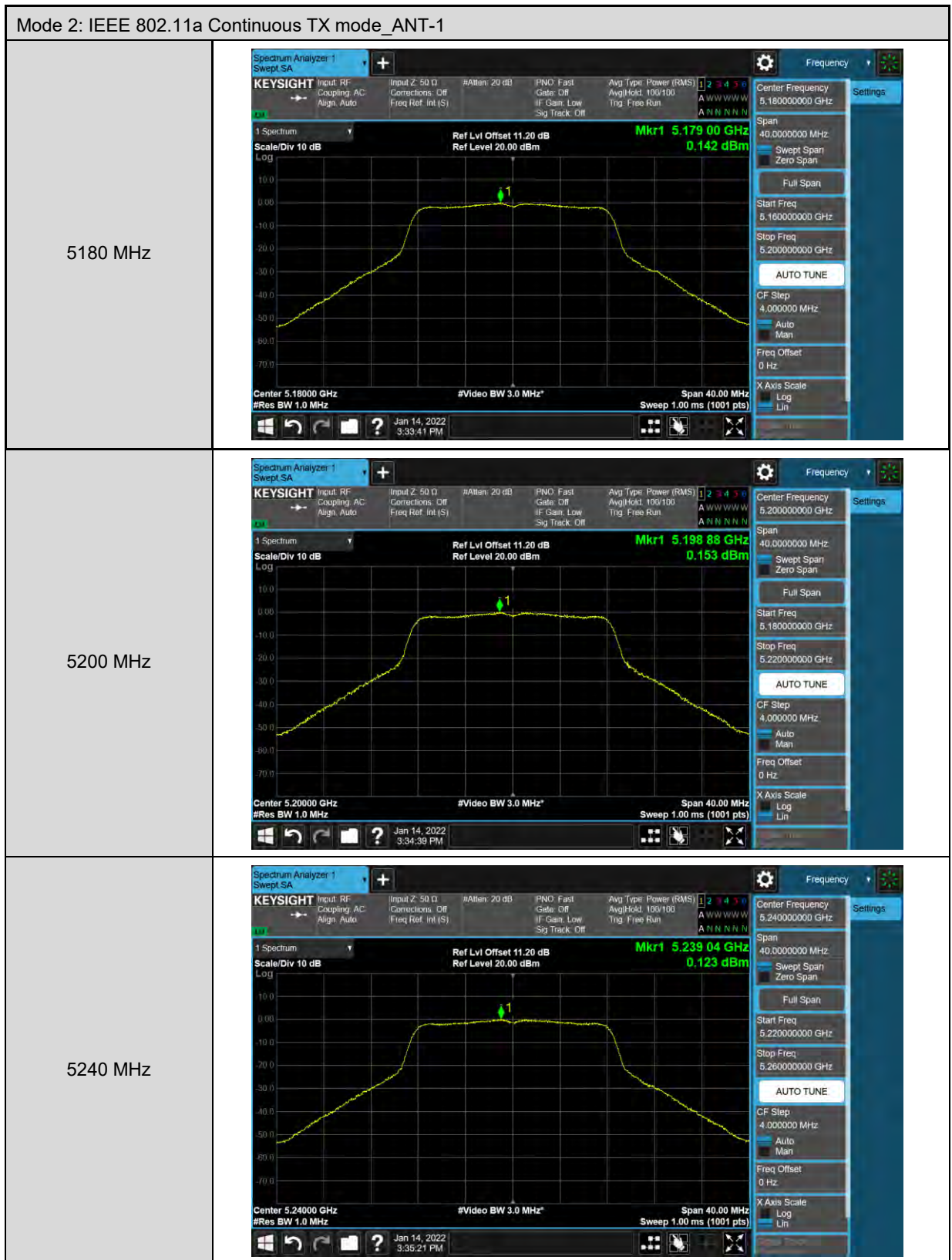


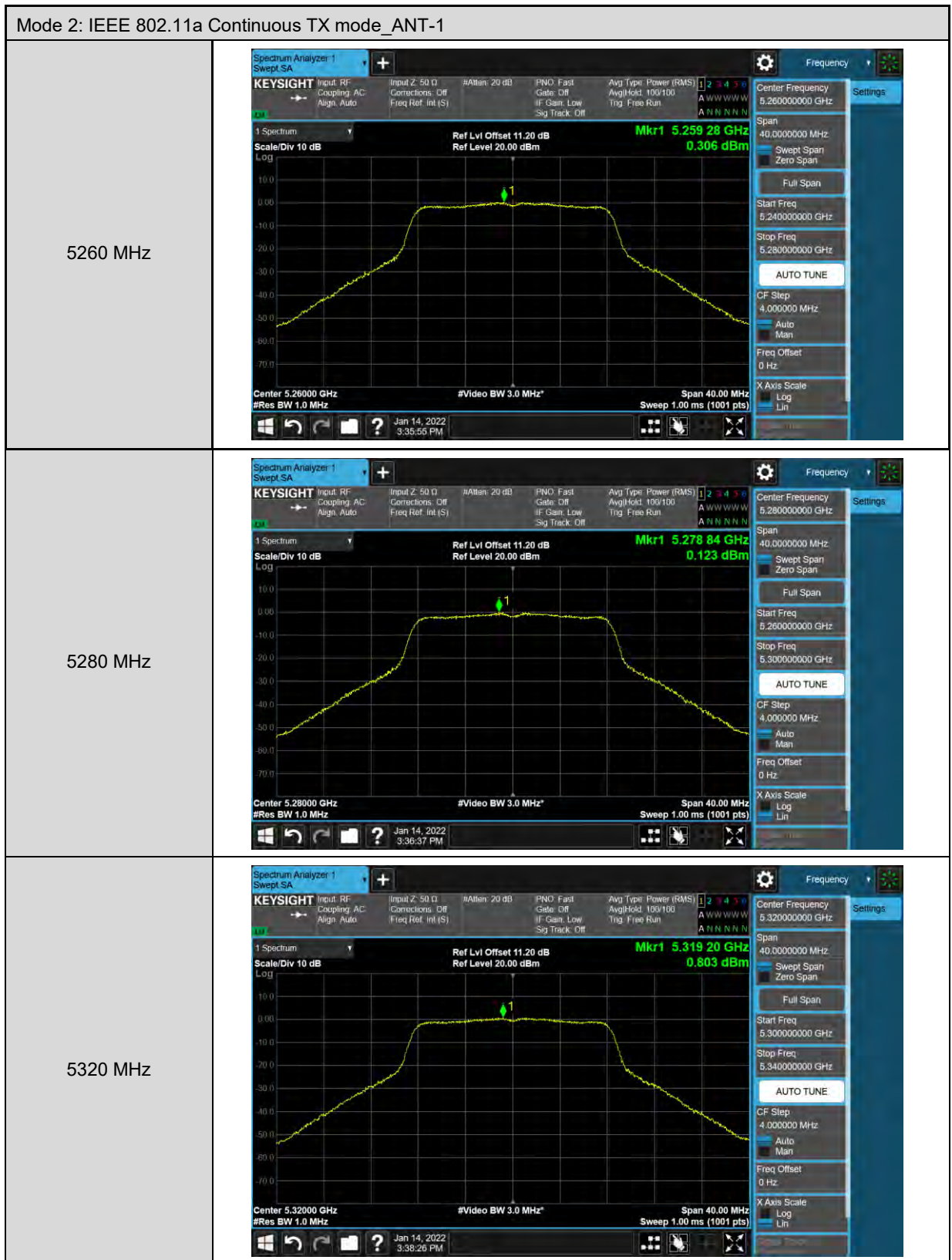


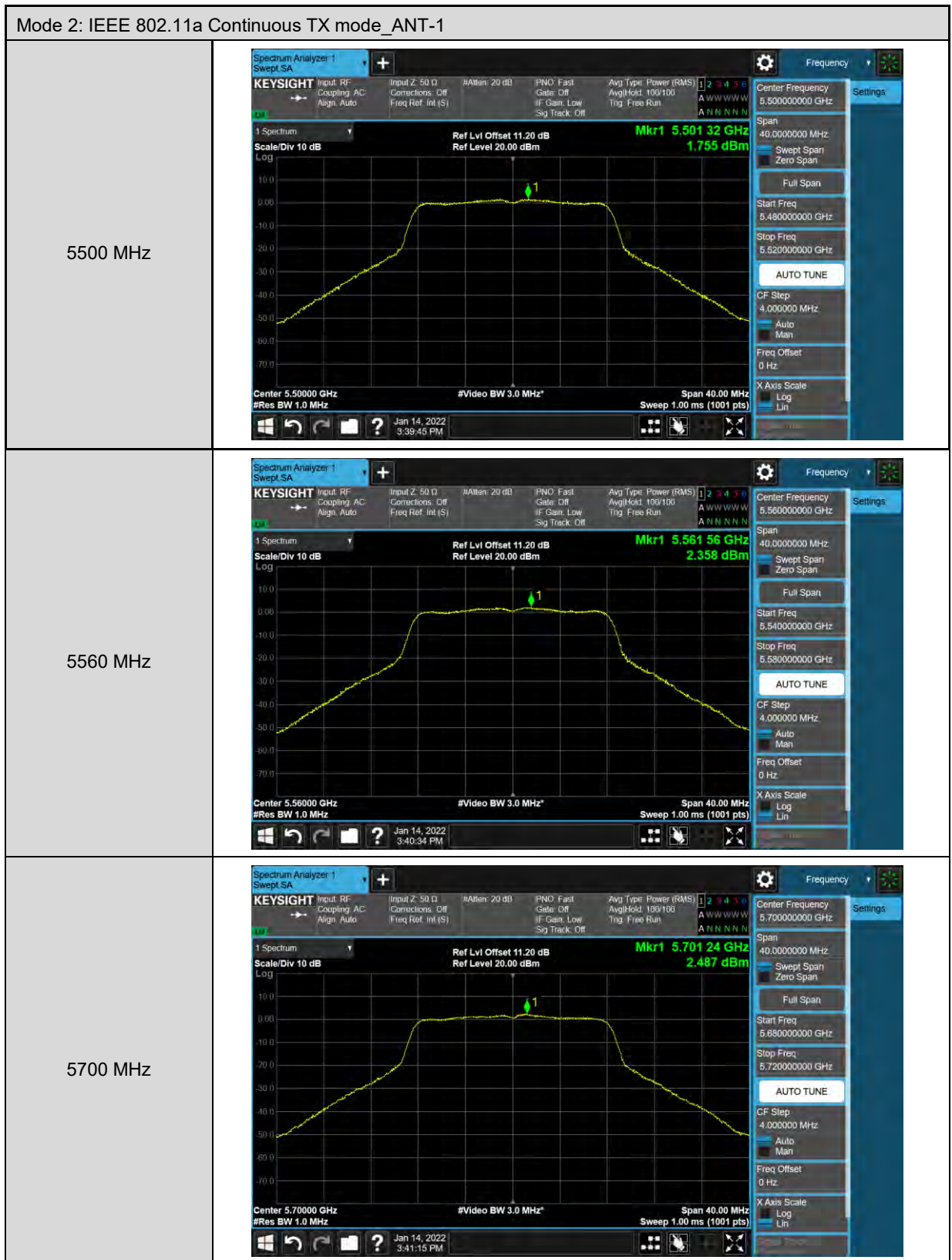


Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode _ANT-0

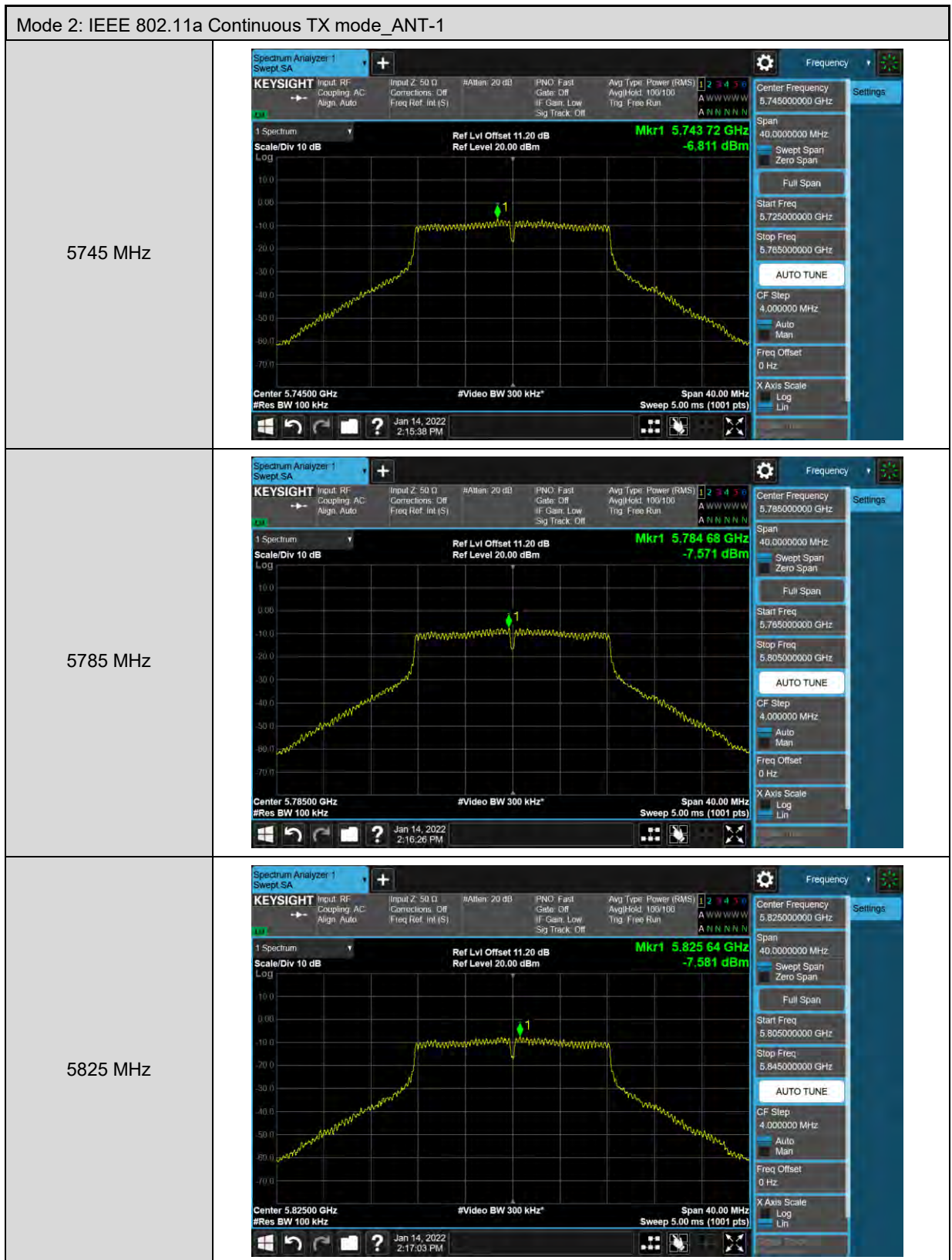






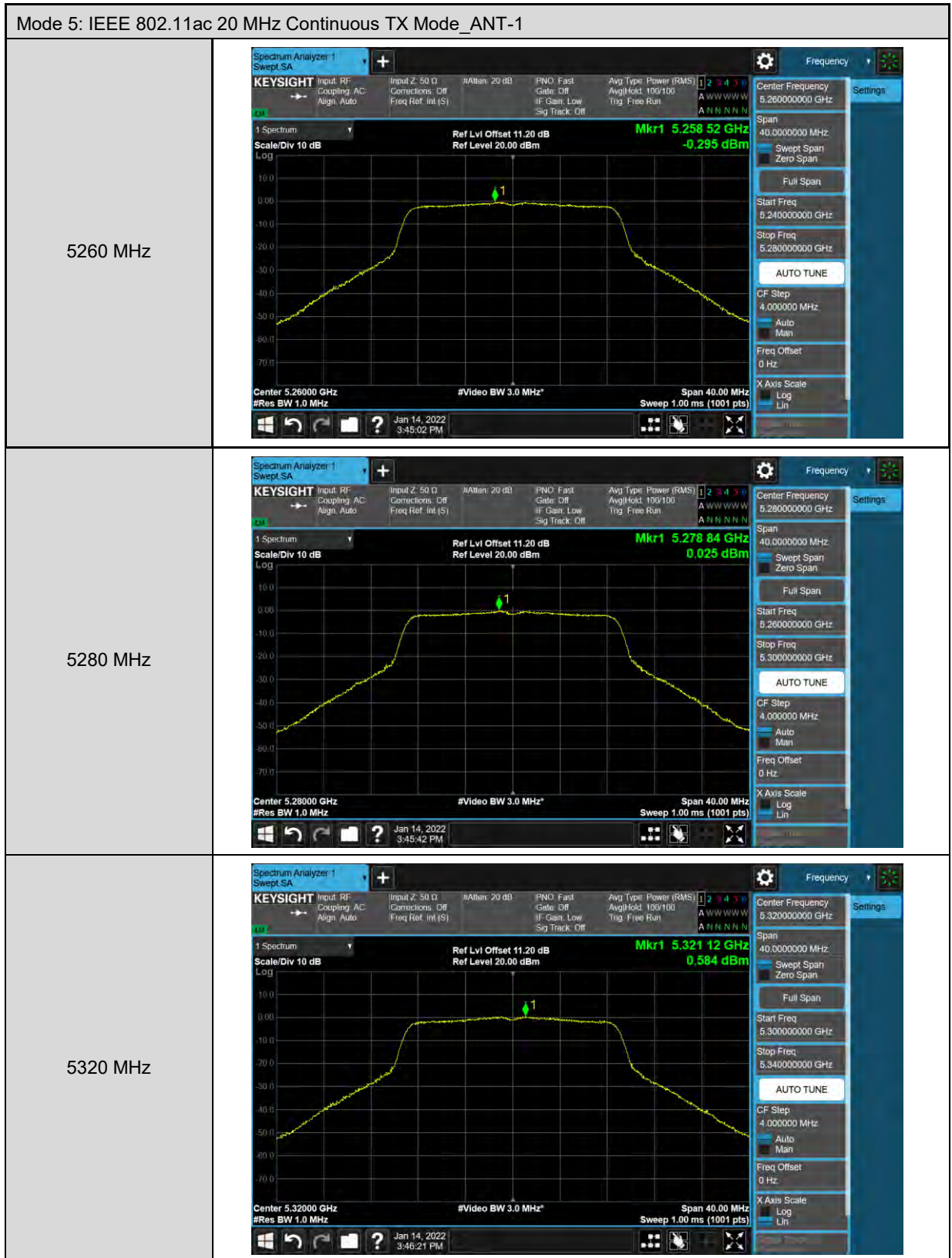






Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1

5180 MHz	
5200 MHz	
5240 MHz	



Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1

5500 MHz



5560 MHz

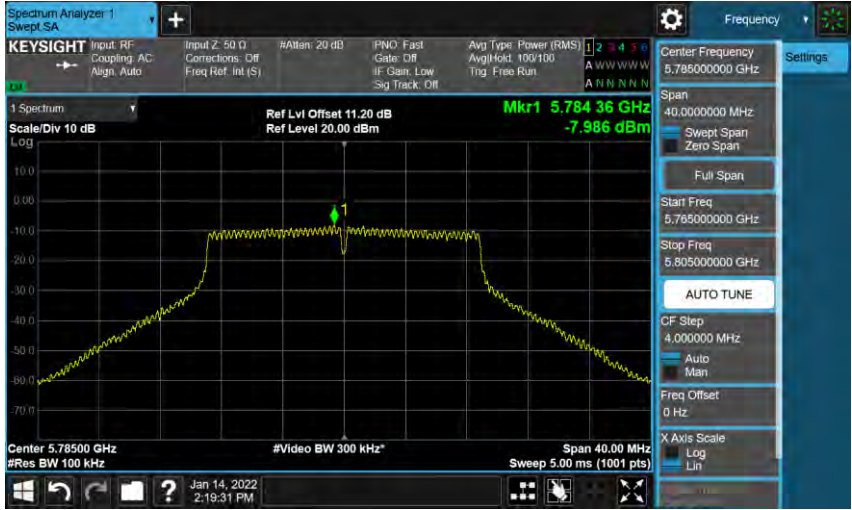


5700 MHz



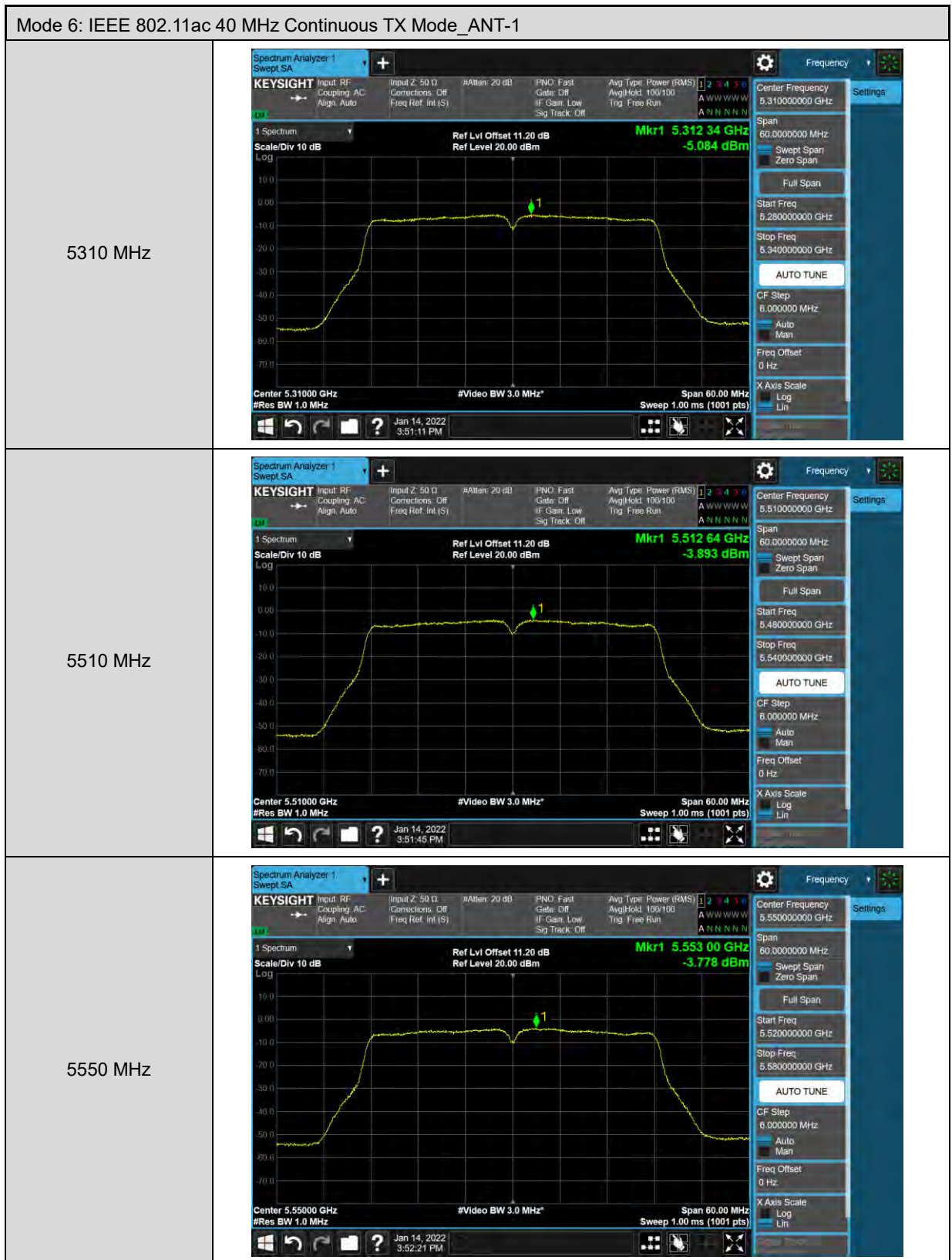


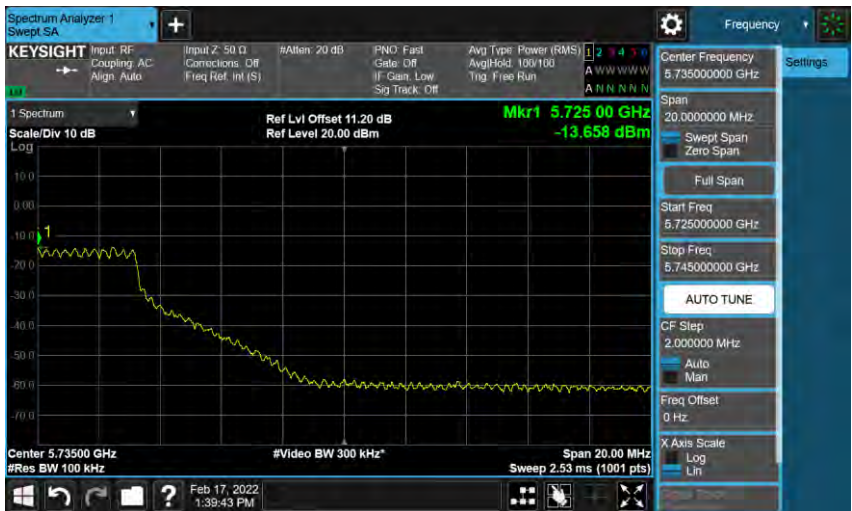
Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1

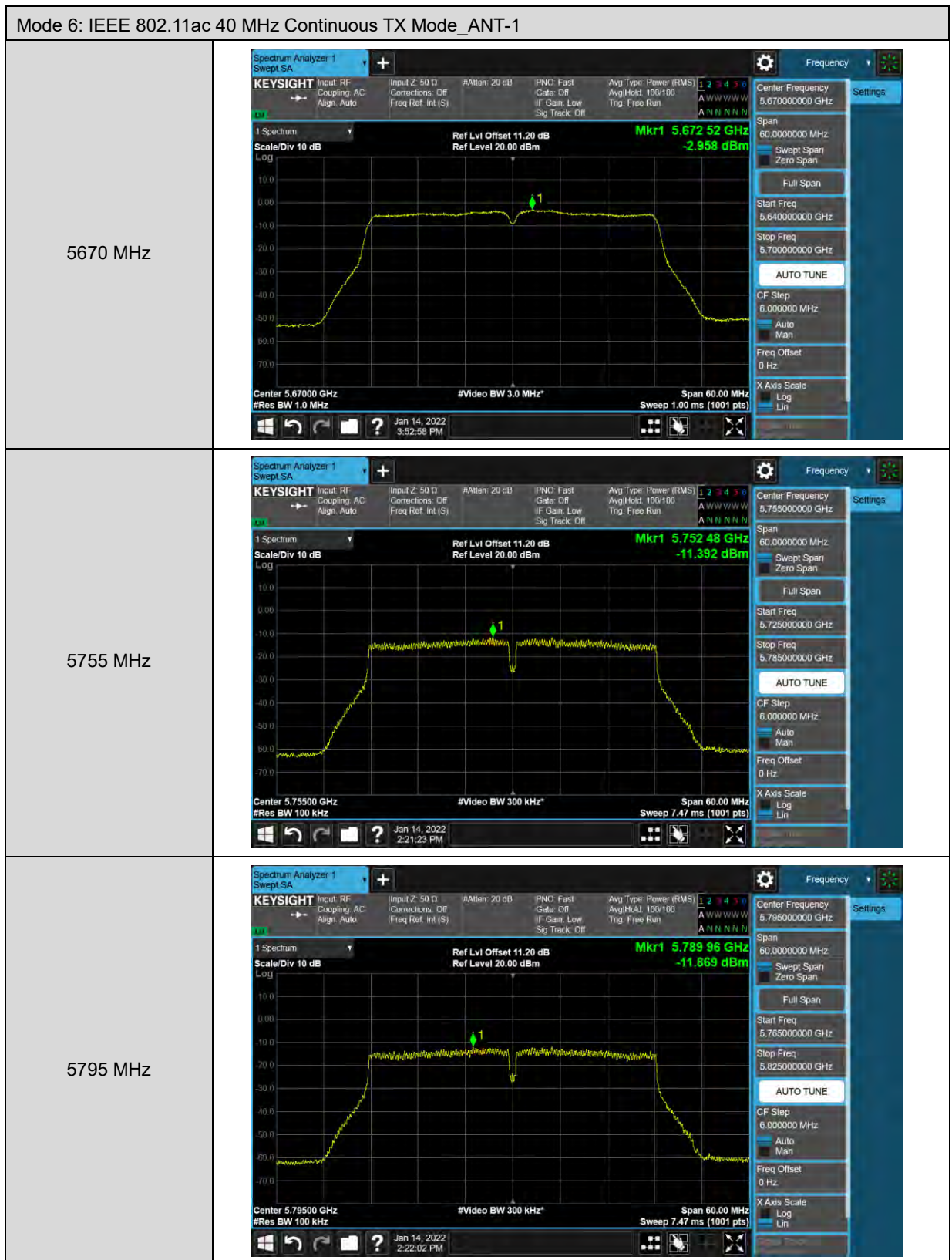
5745 MHz	
5785 MHz	
5825 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1



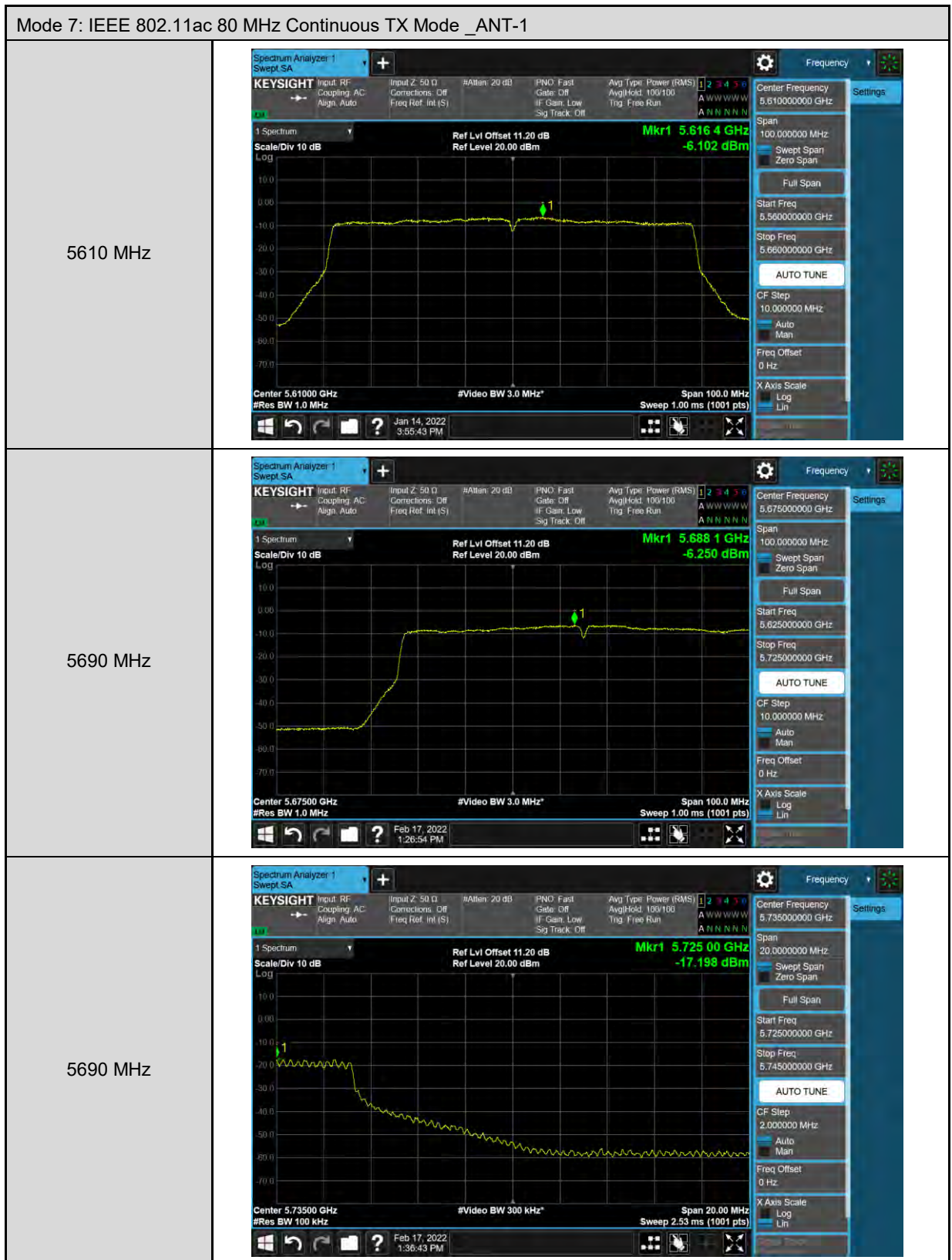


Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1	
5670 MHz	
5710 MHz	
5710 MHz	



Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode _ANT-1

5210 MHz	
5290 MHz	
5530 MHz	



Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode _ANT-1



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