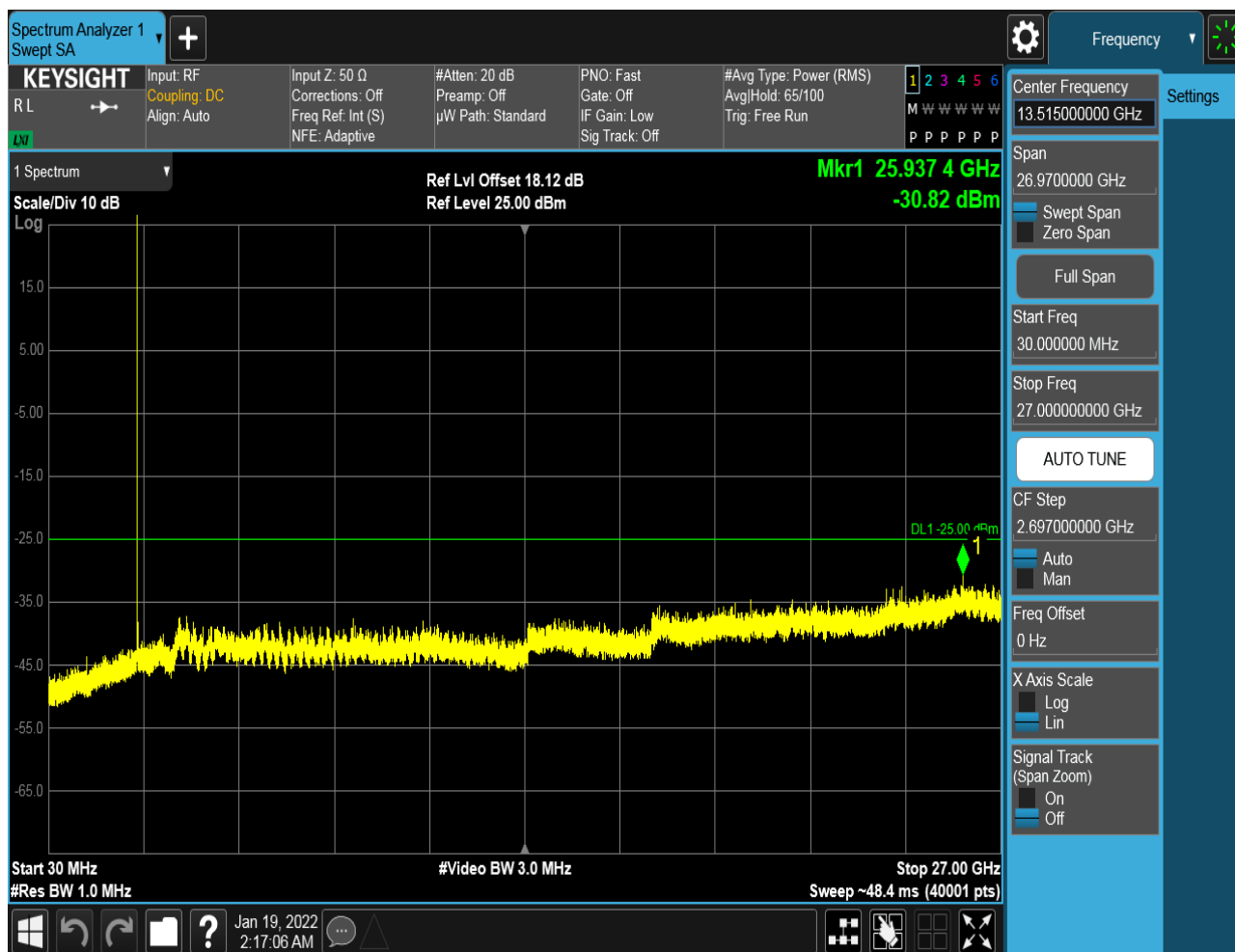
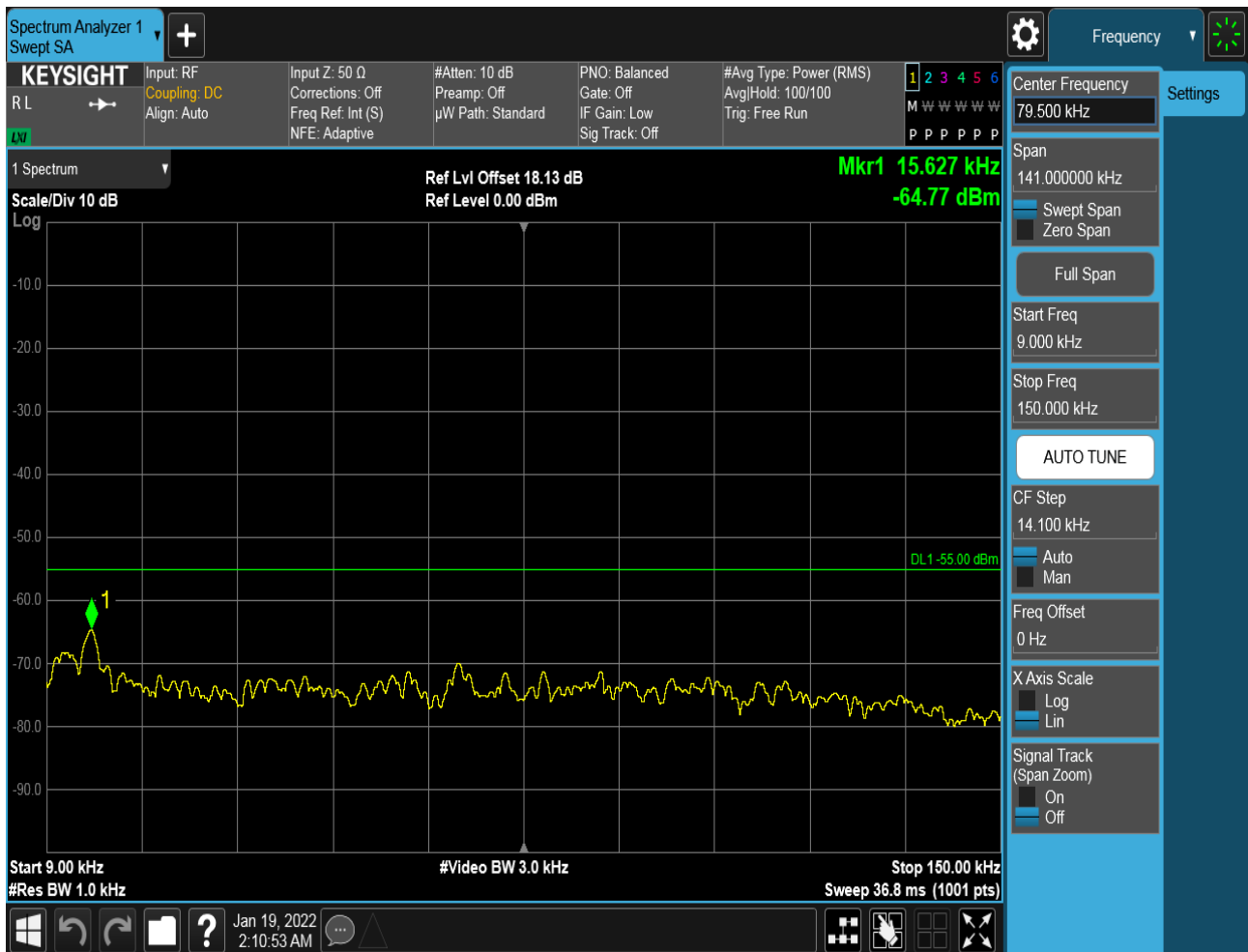


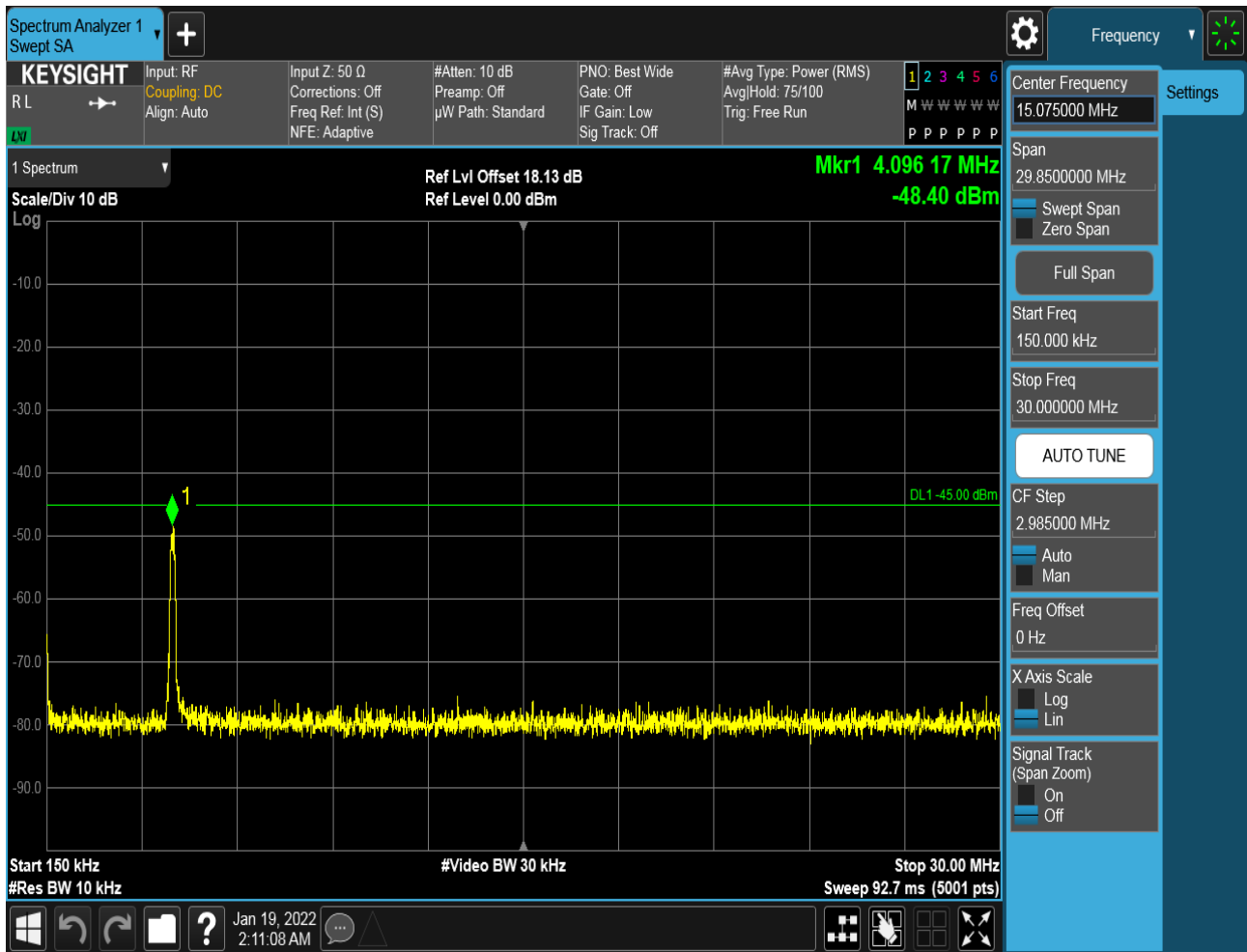


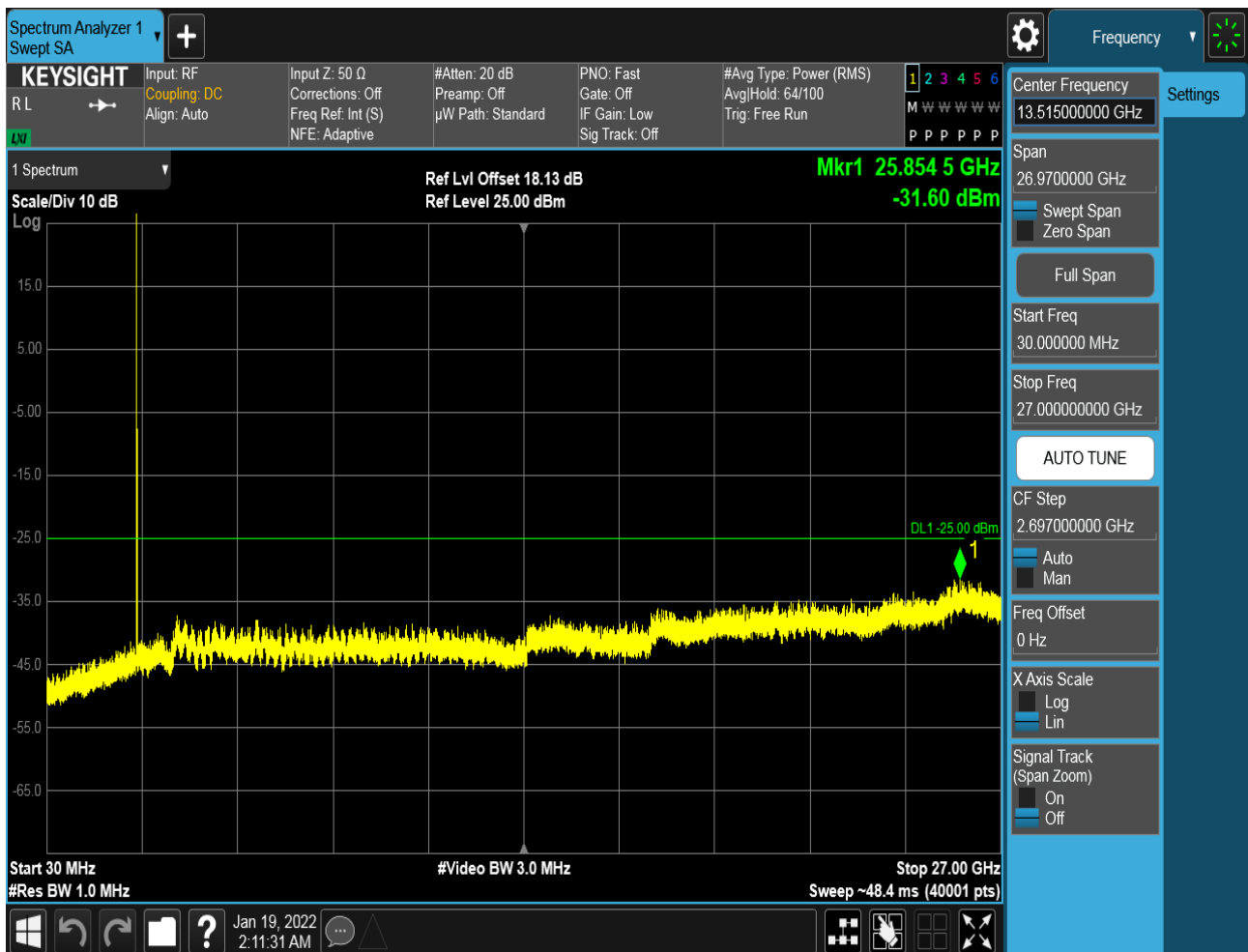


6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0



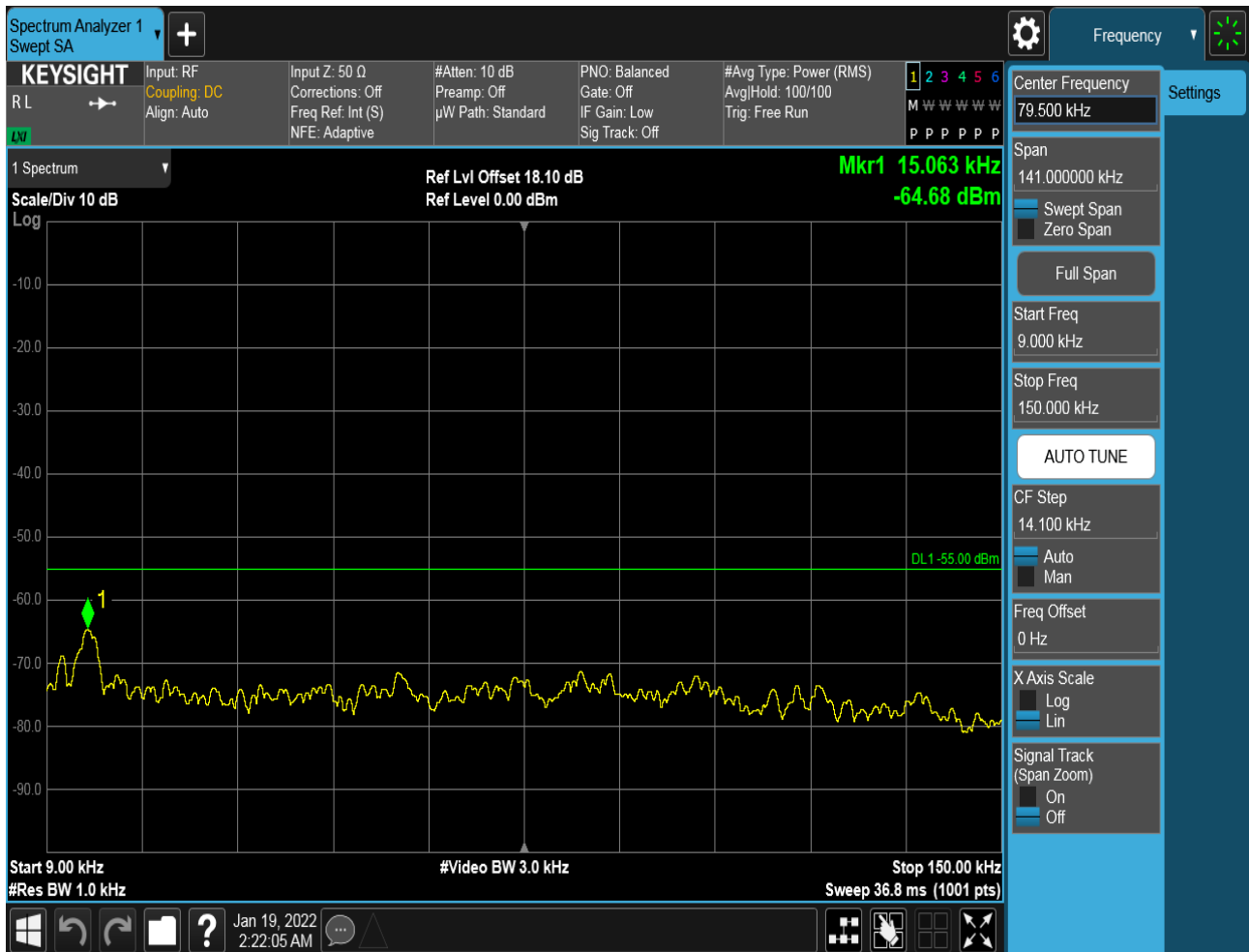


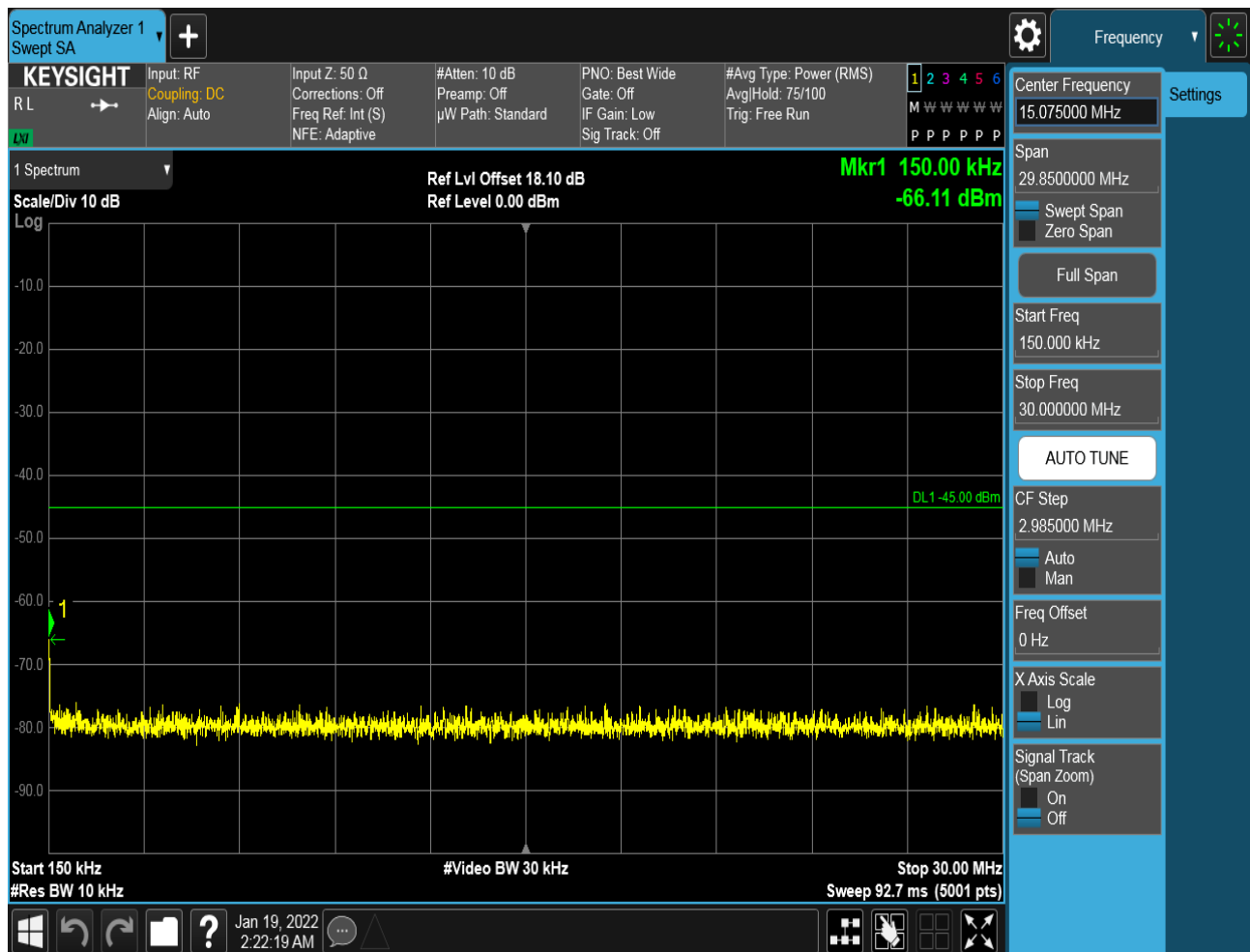


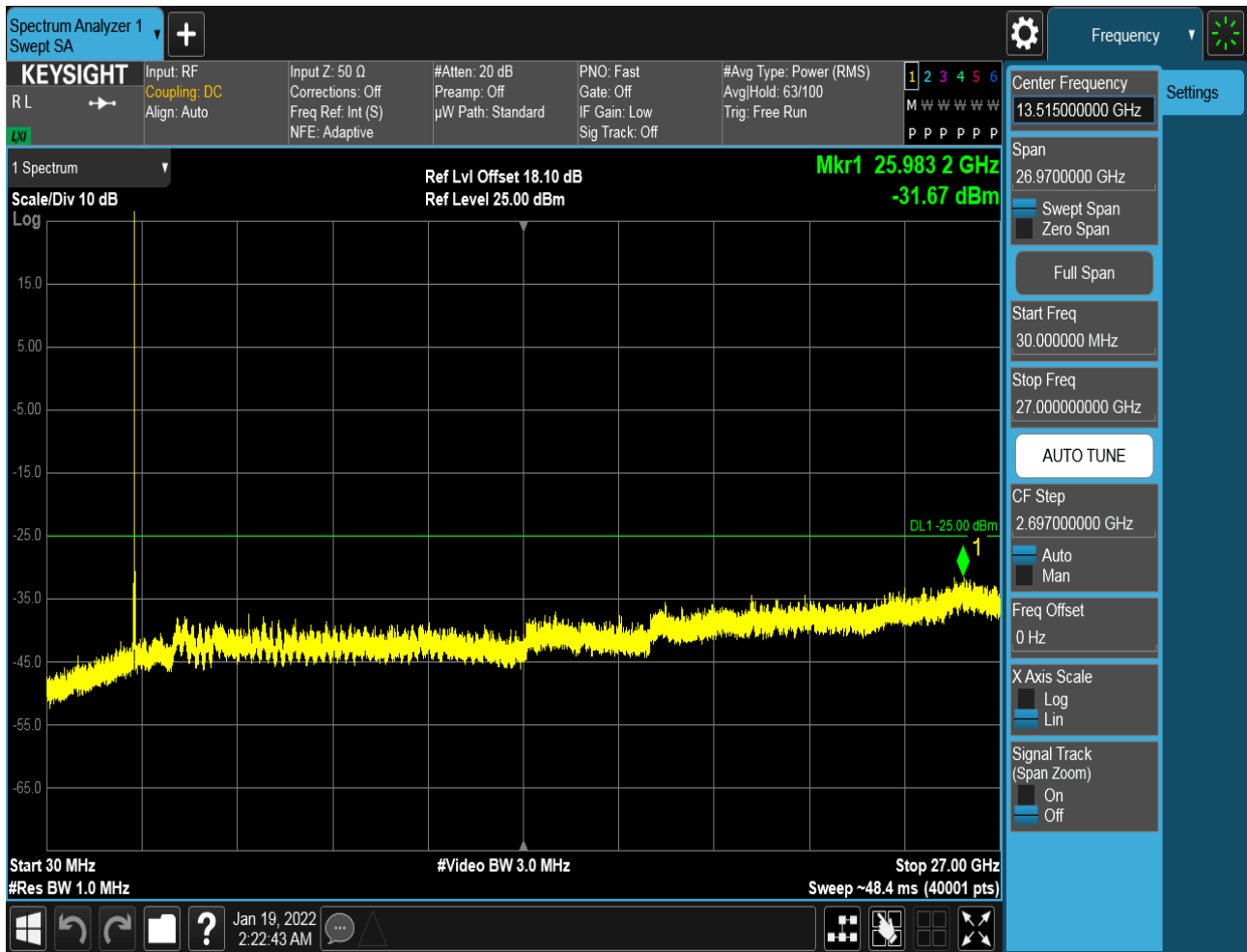
6.2.1.2.2 Test Bandwidth = 10MHz

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0



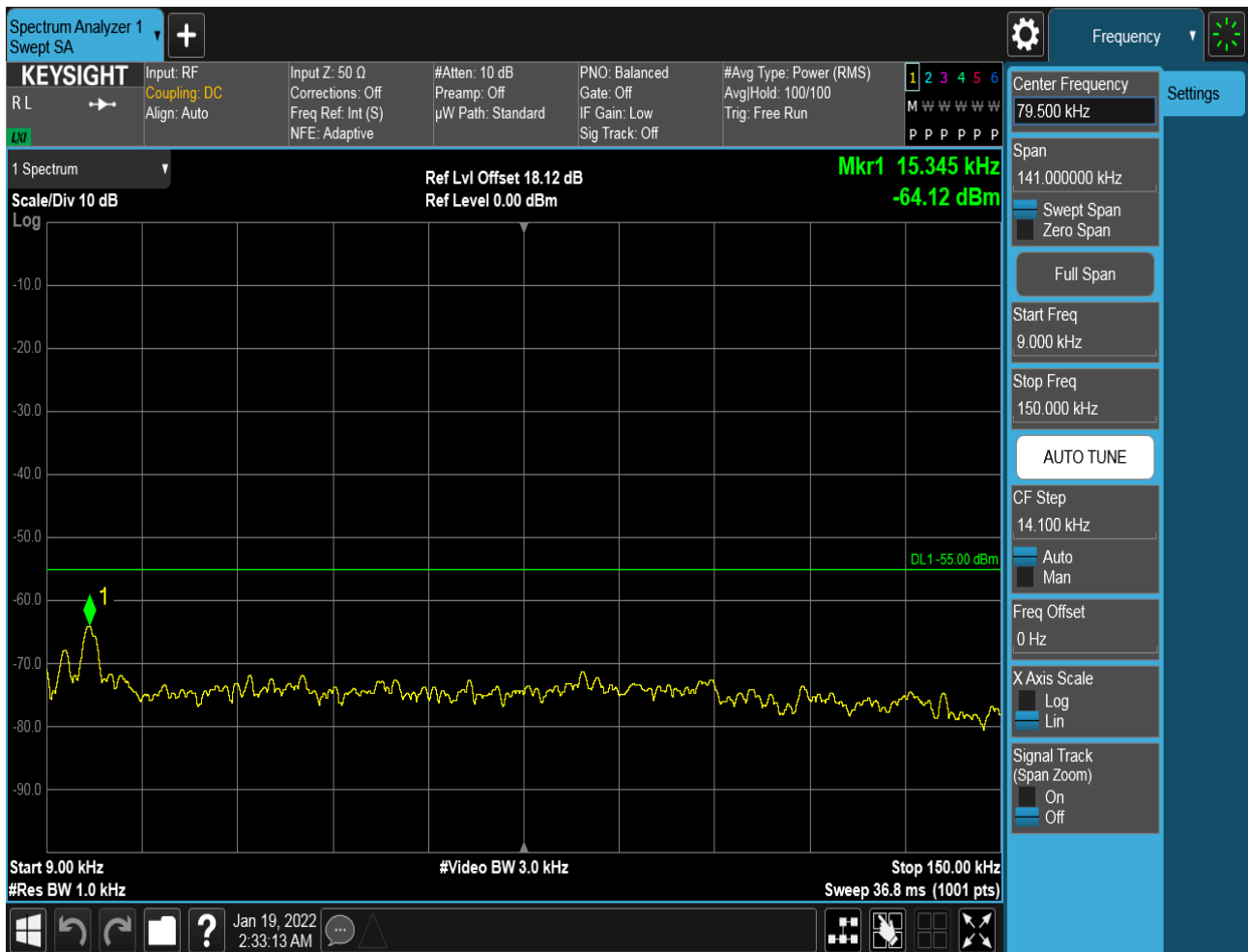


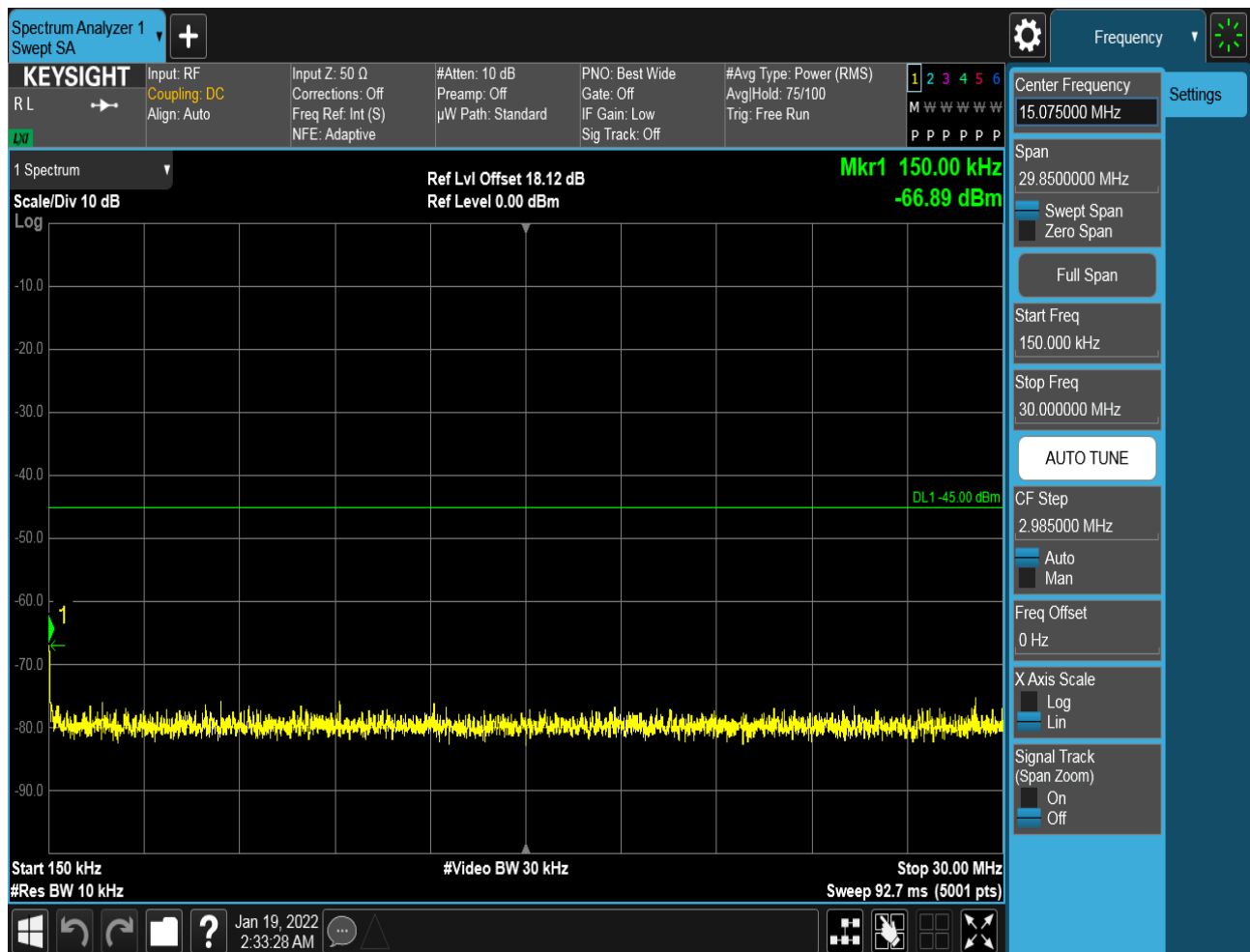


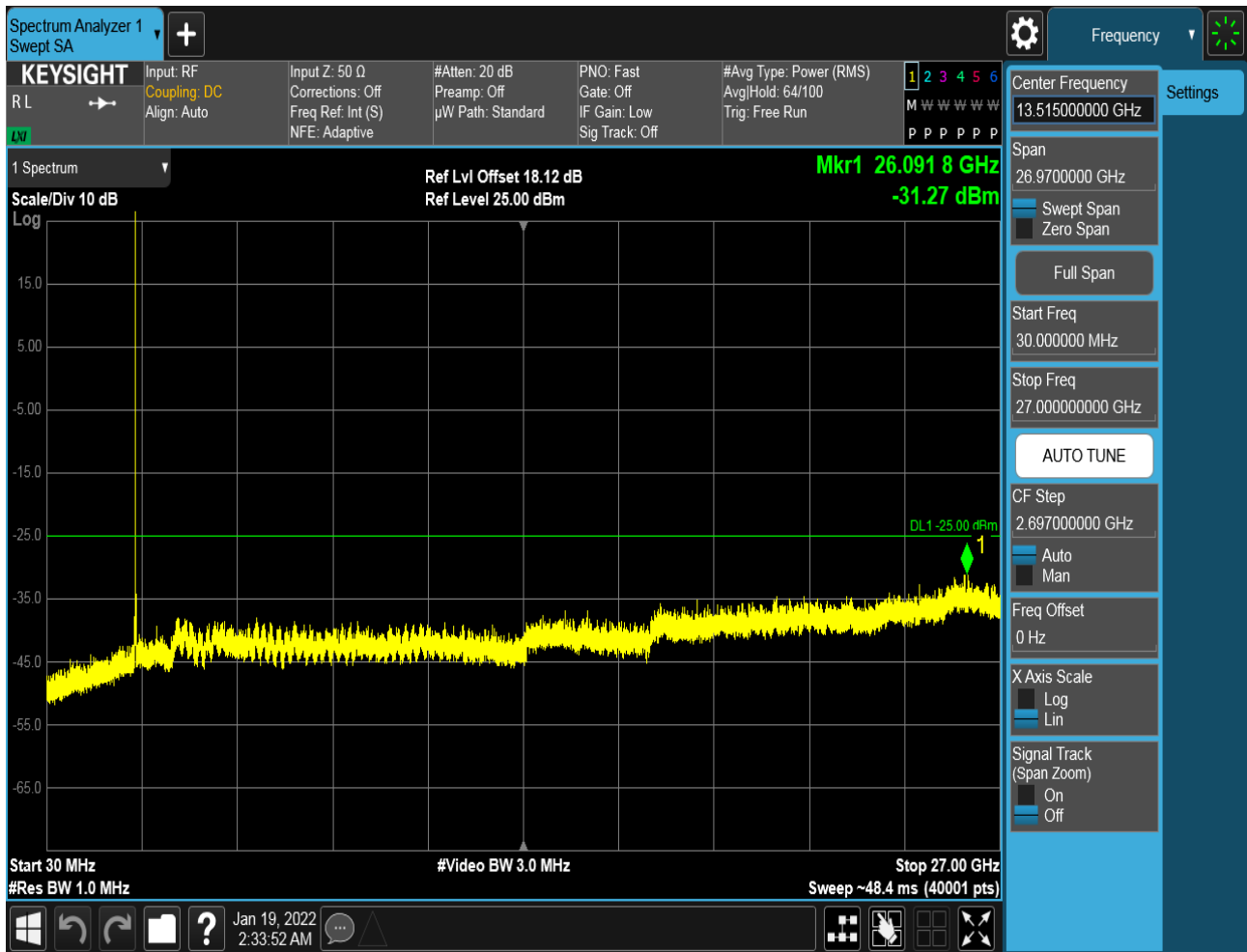


6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.1 Test RB = RB1#0



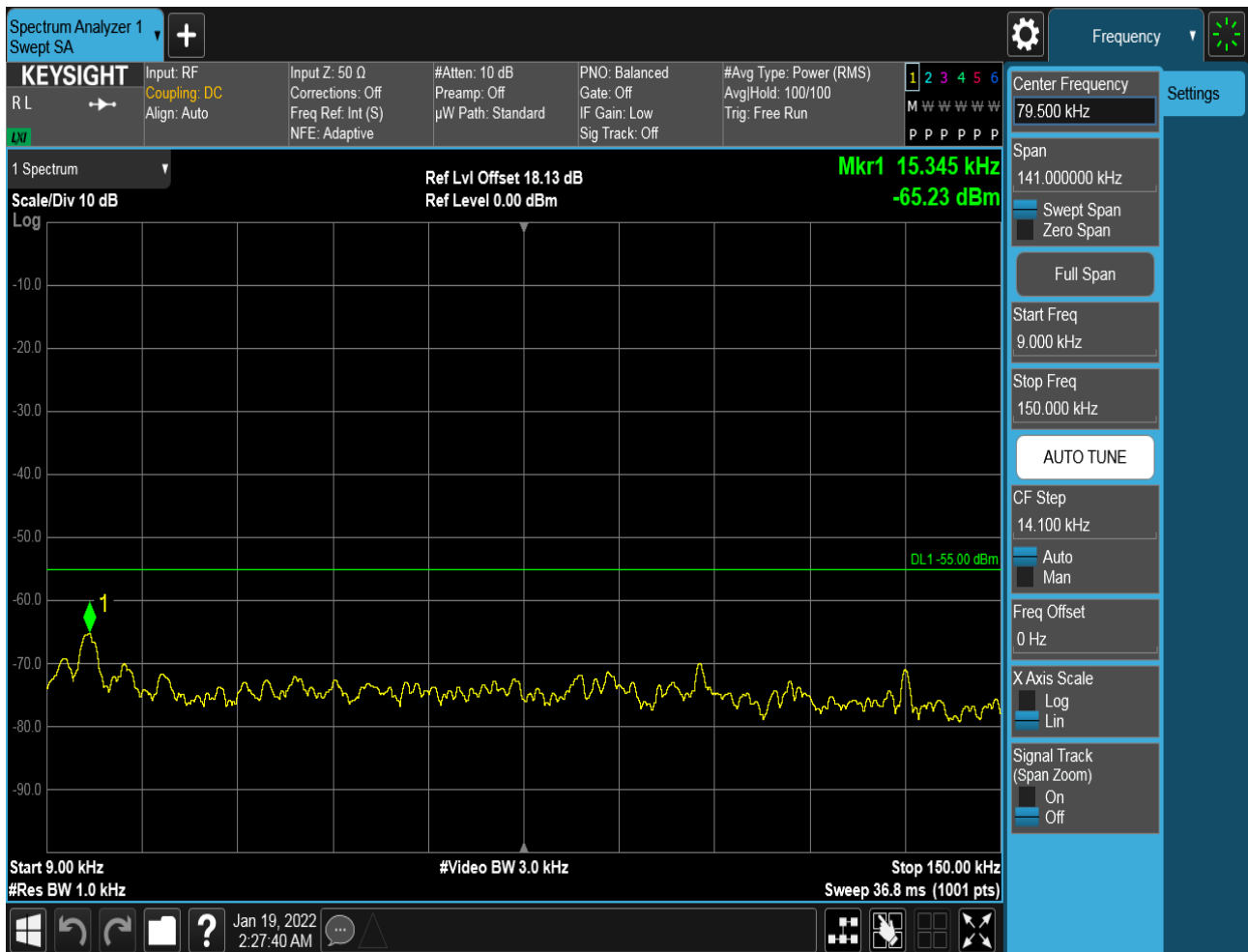


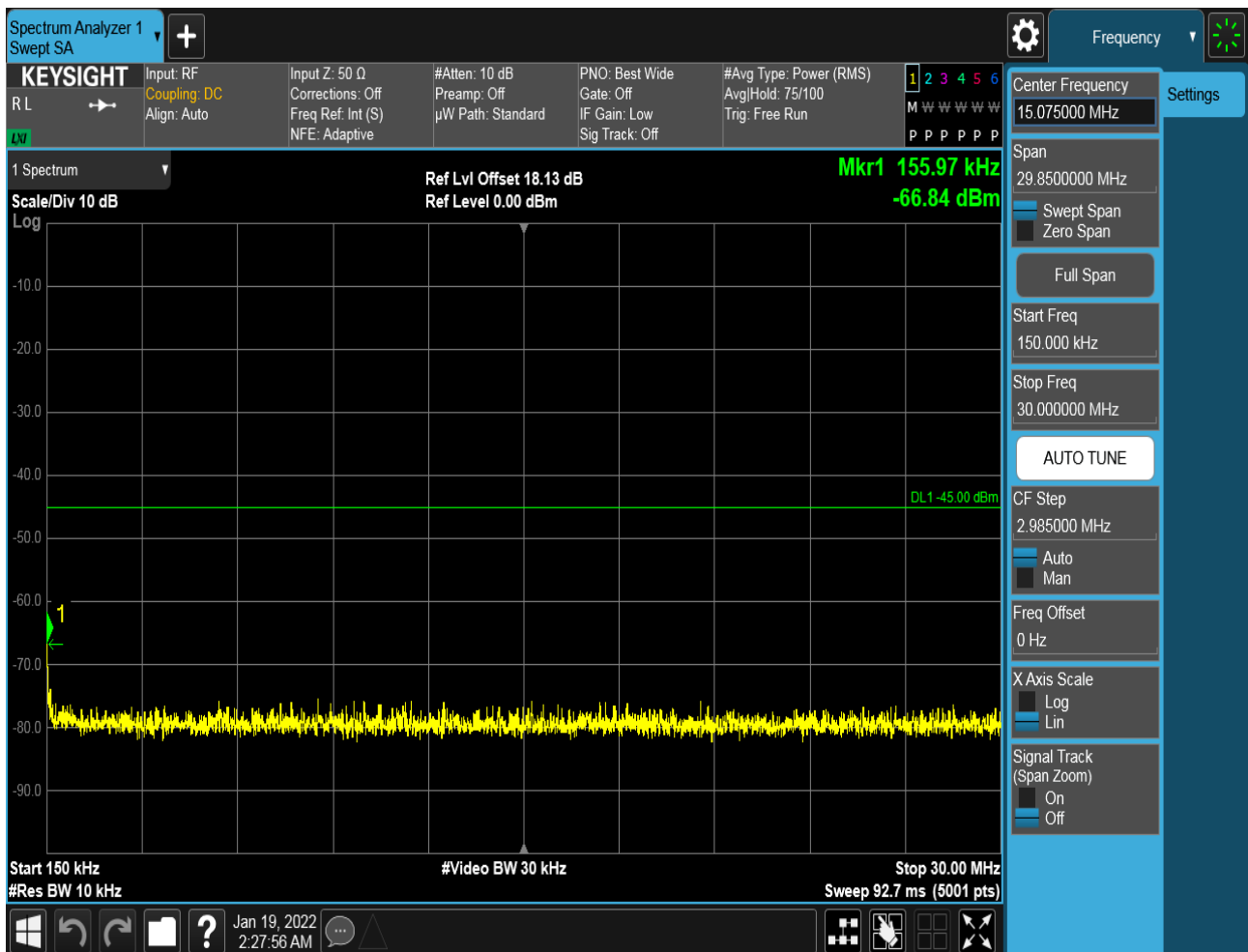


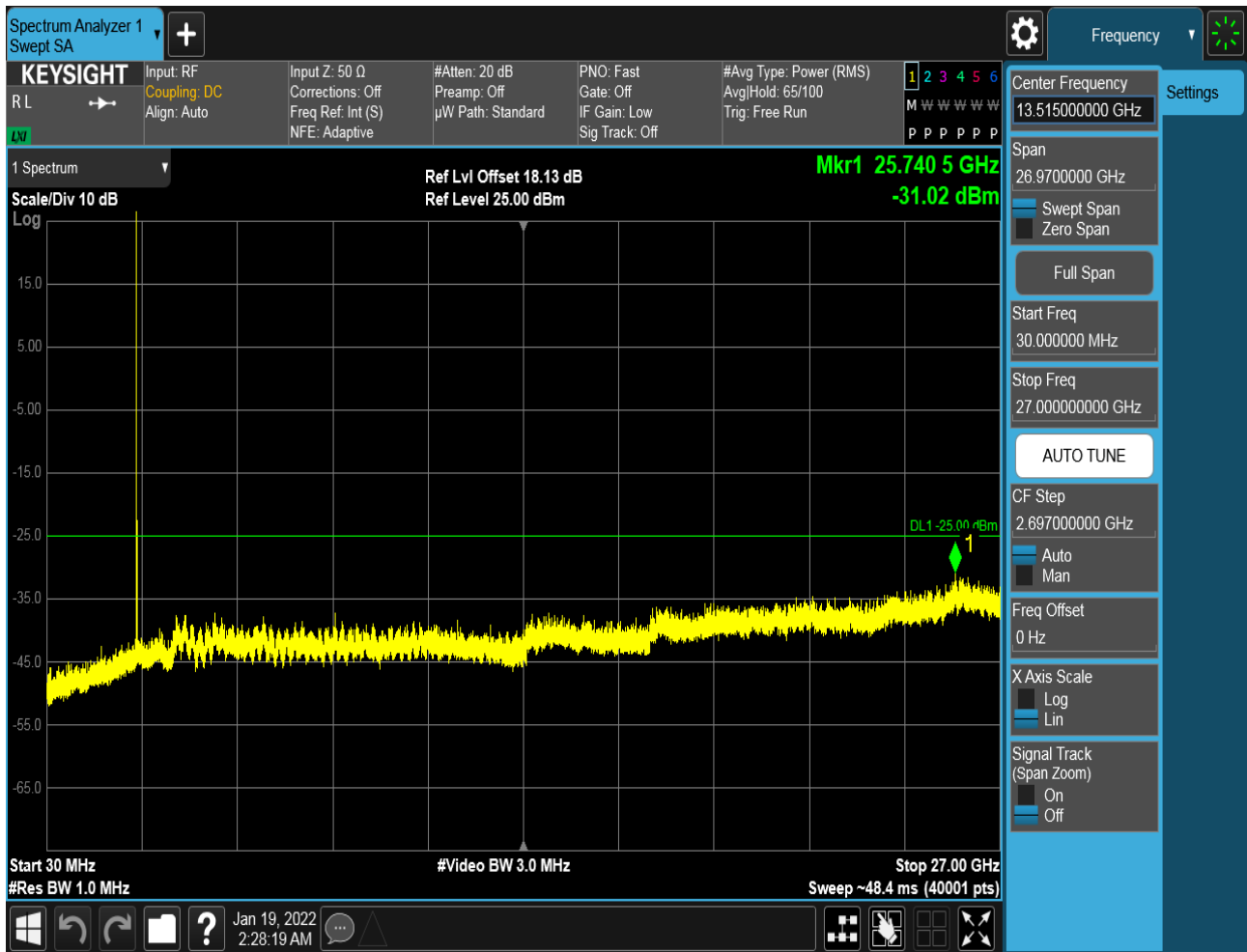


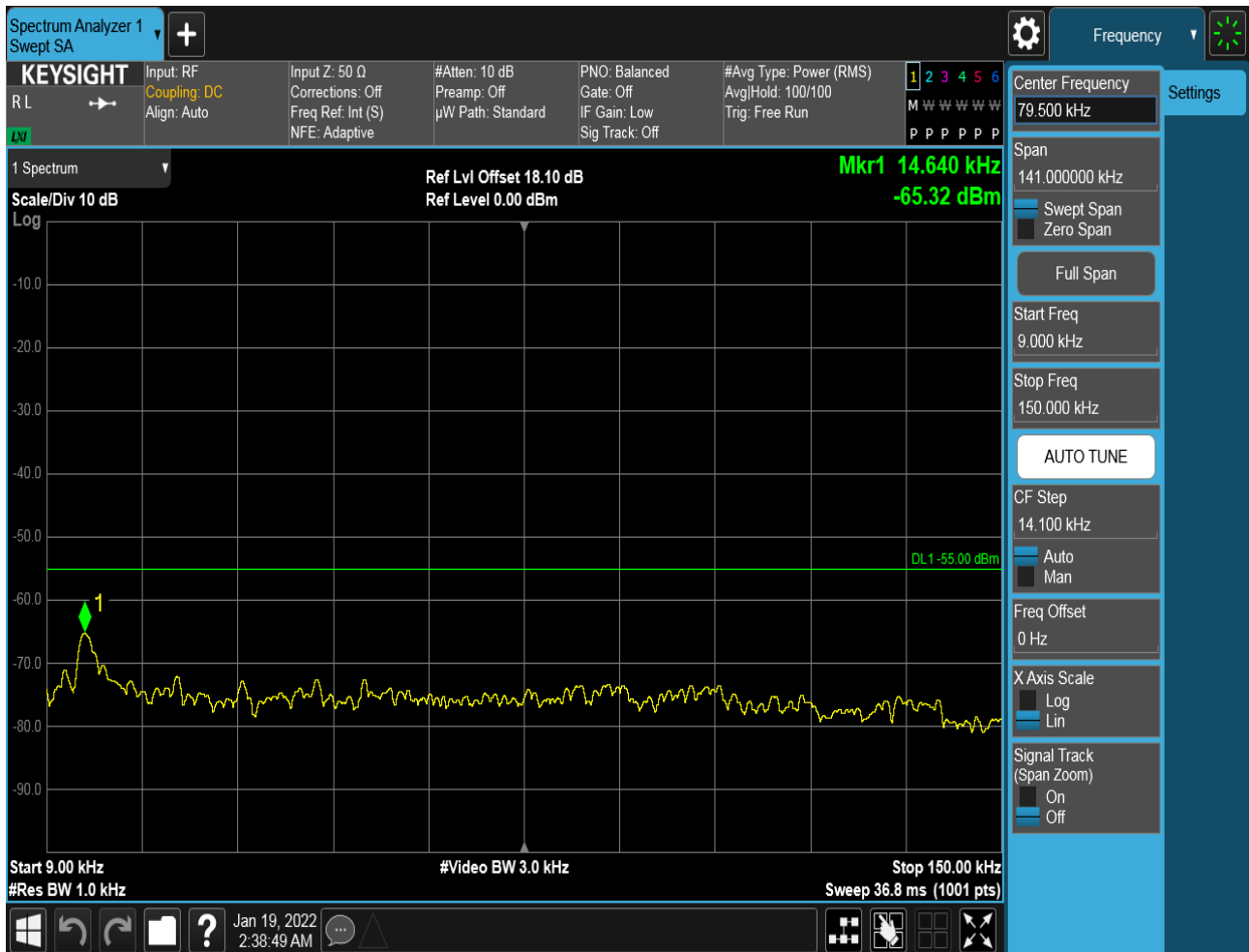
6.2.1.2.2.3 Test Channel = HCH

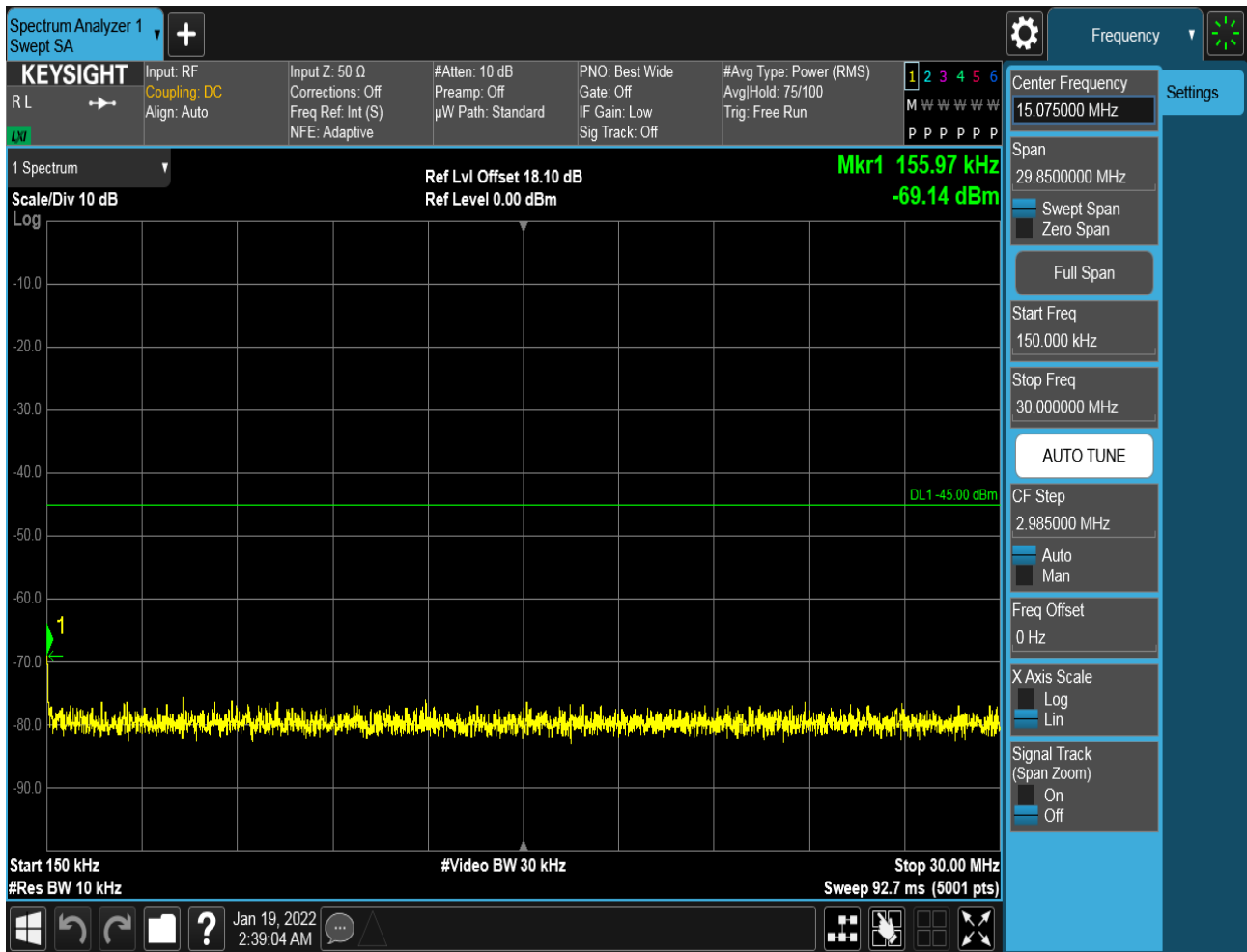
6.2.1.2.2.3.1 Test RB = RB1#0

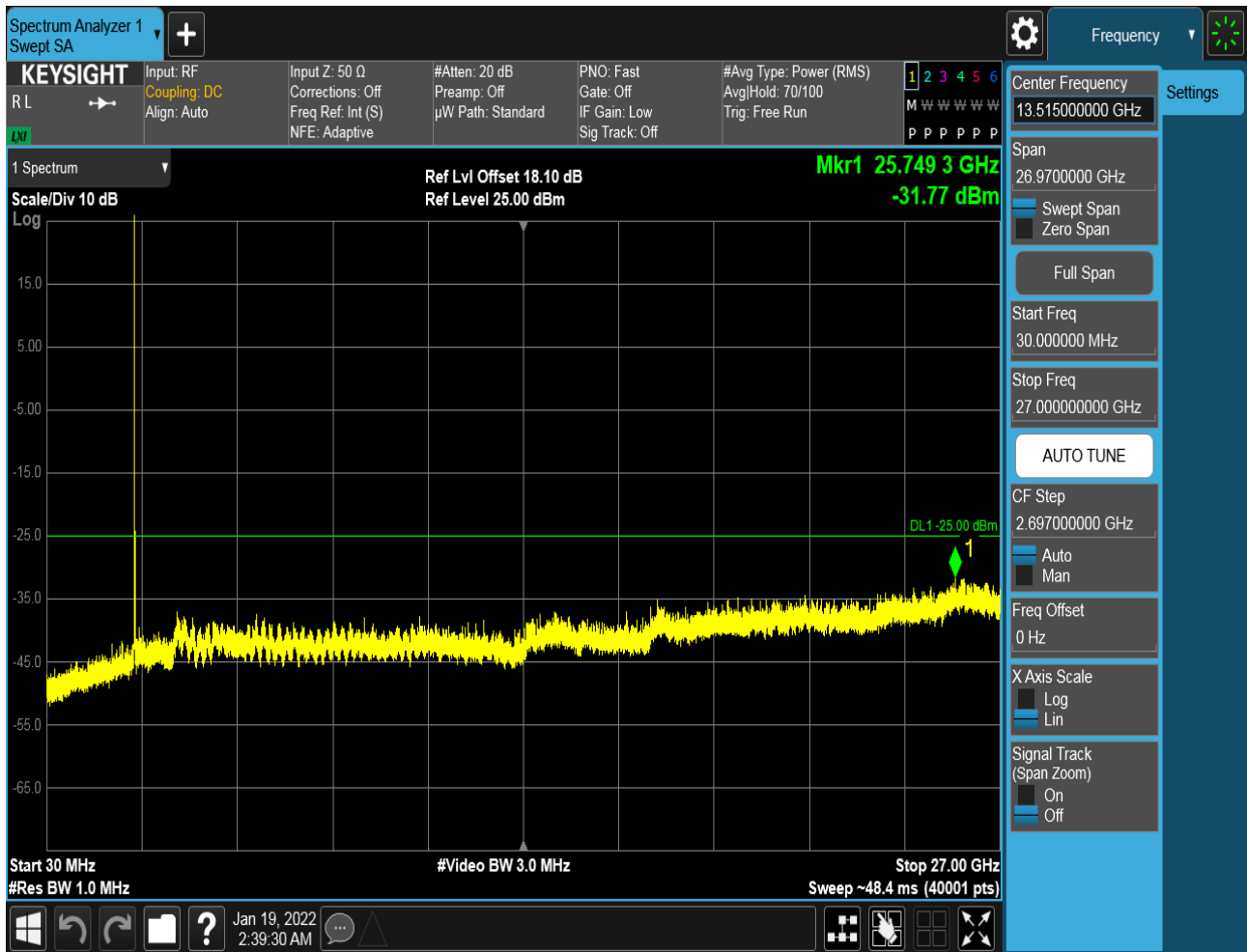






**6.2.1.2.3 Test Bandwidth = 15MHz****6.2.1.2.3.1 Test Channel = LCH****6.2.1.2.3.1.1 Test RB = RB1#0**

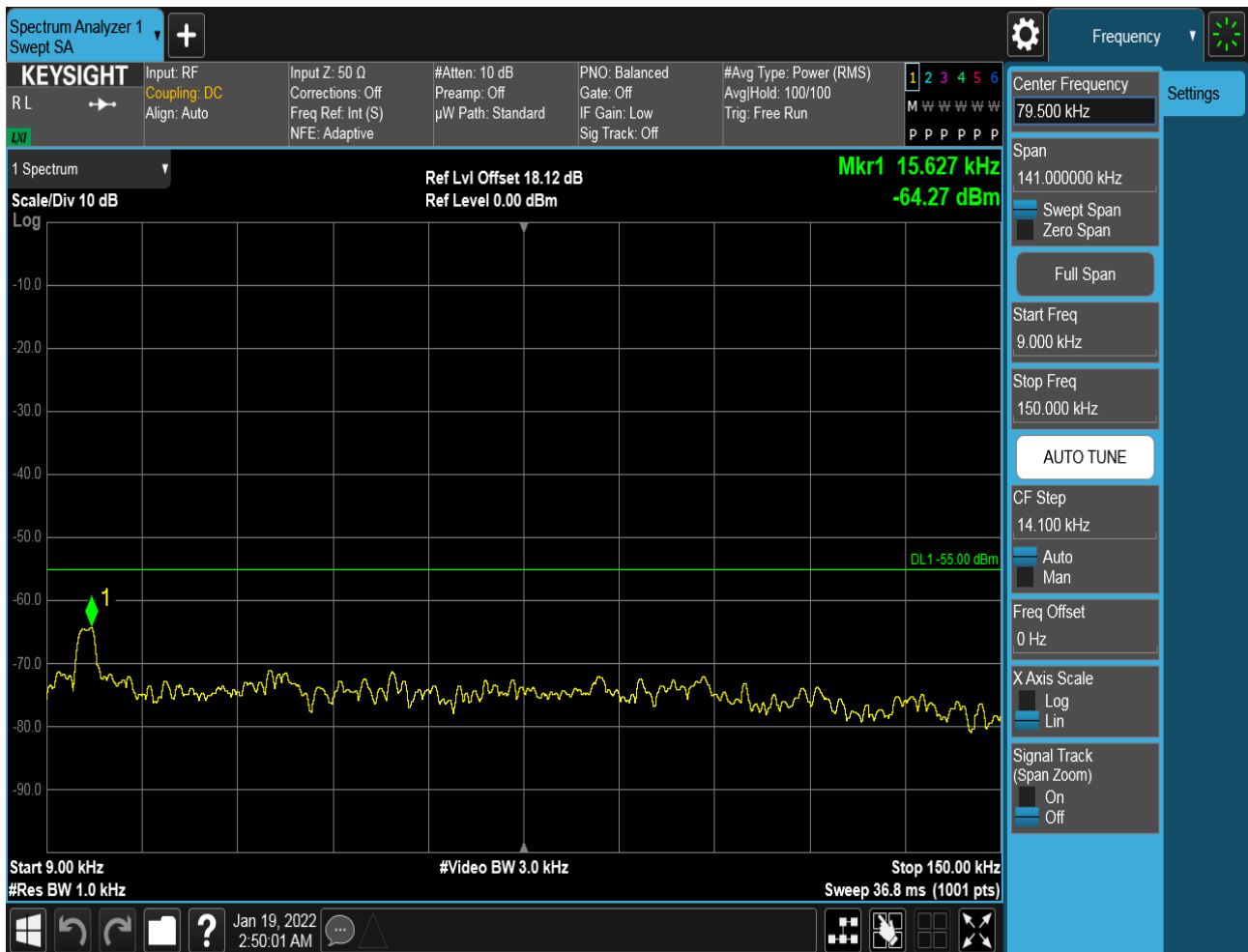


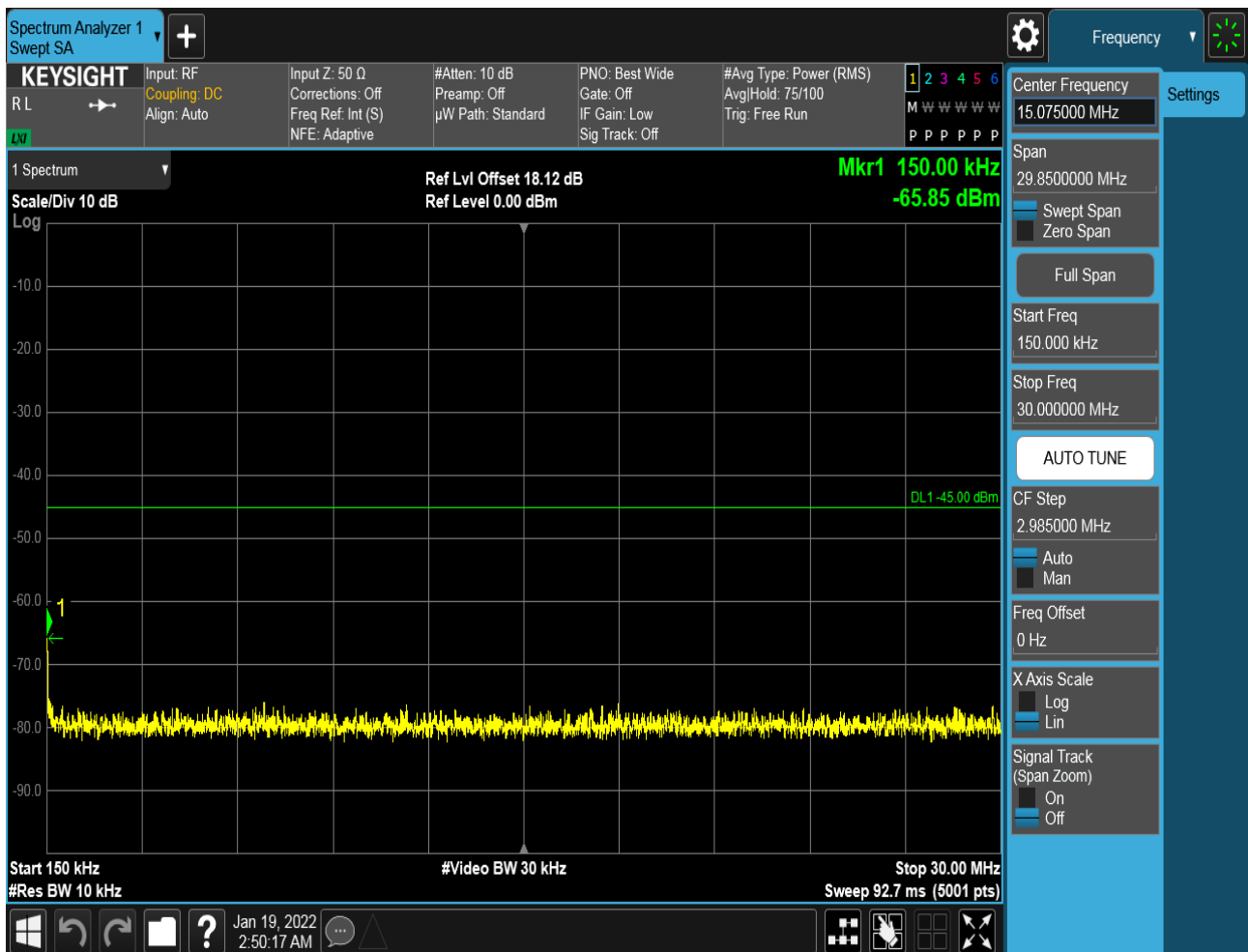


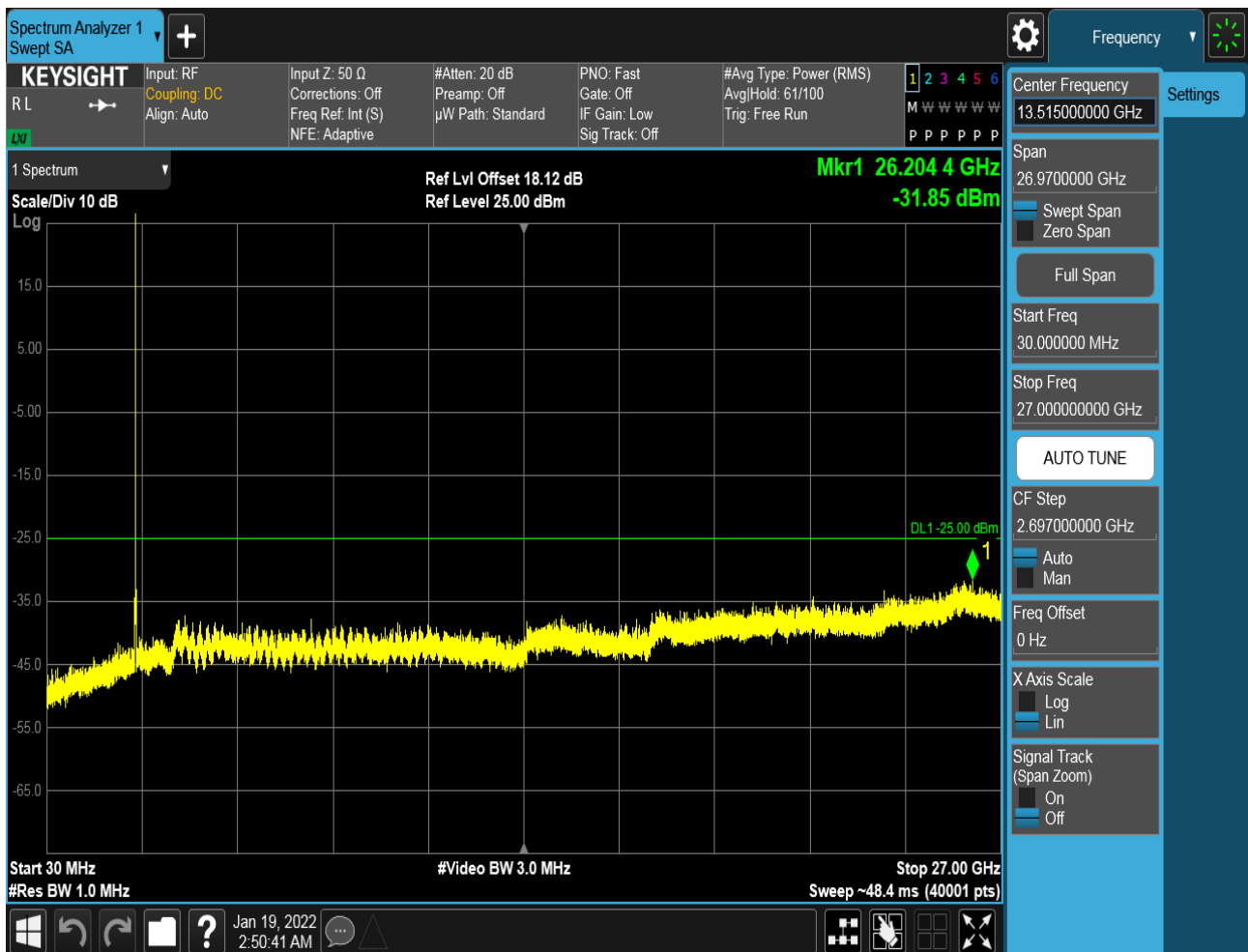


6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0



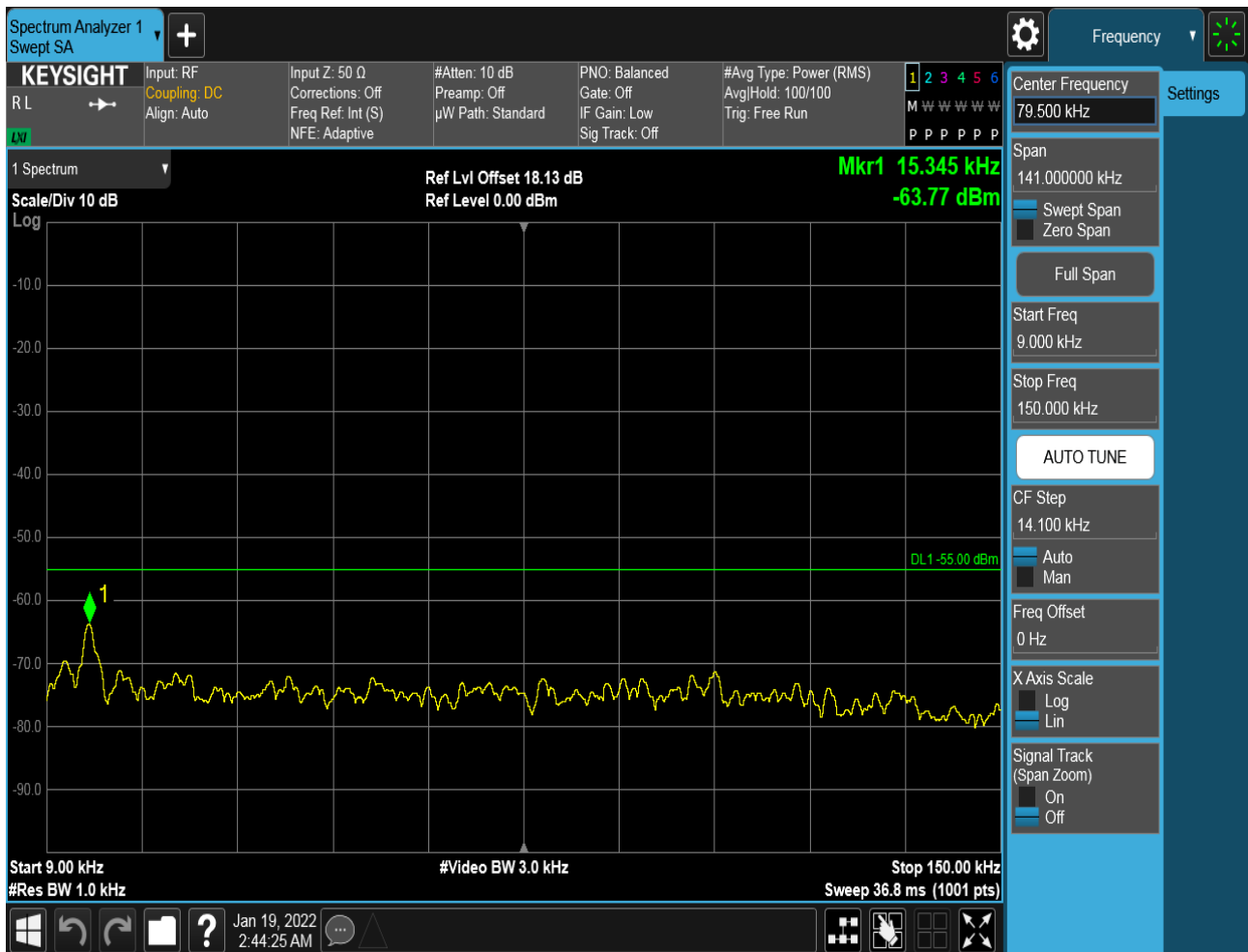


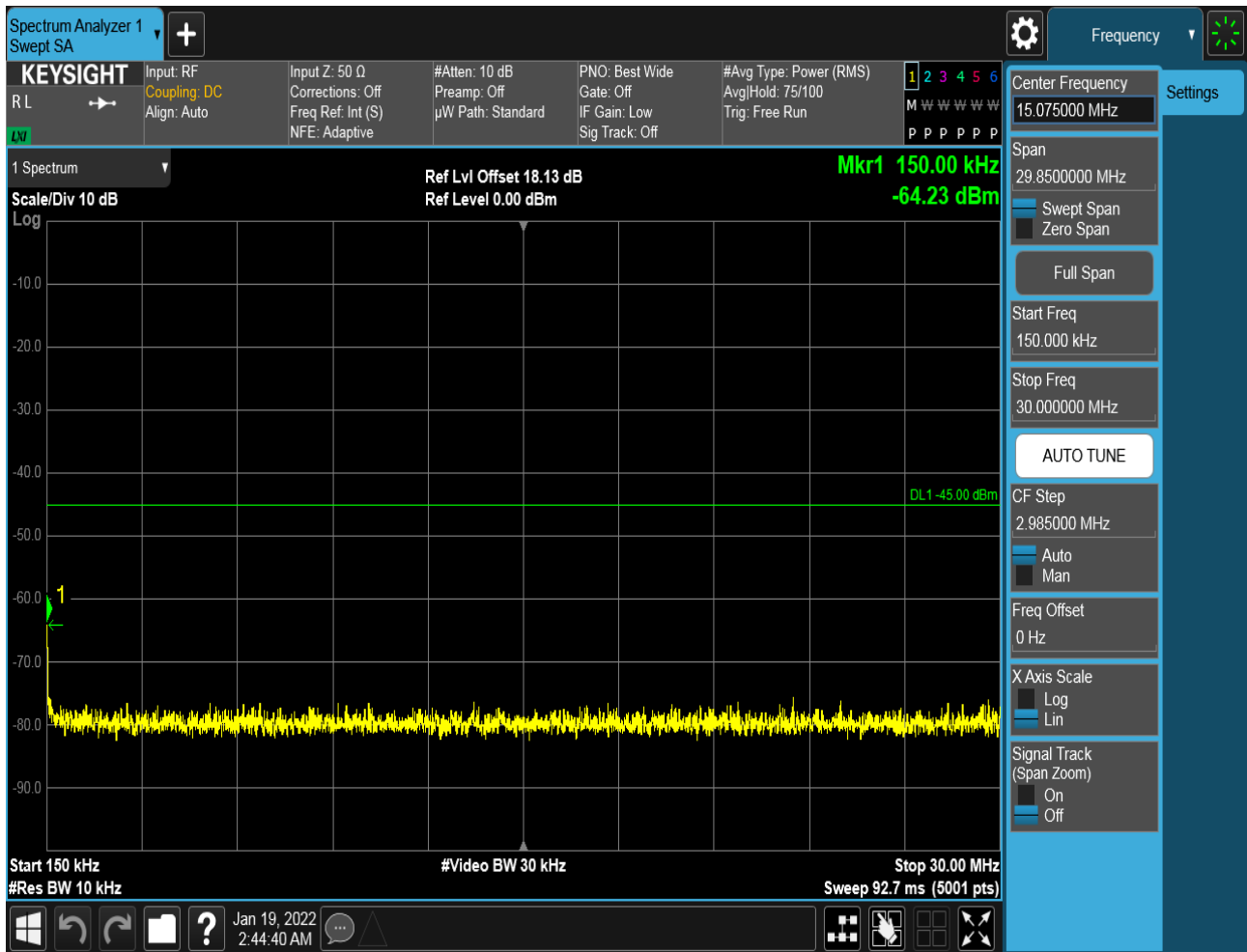


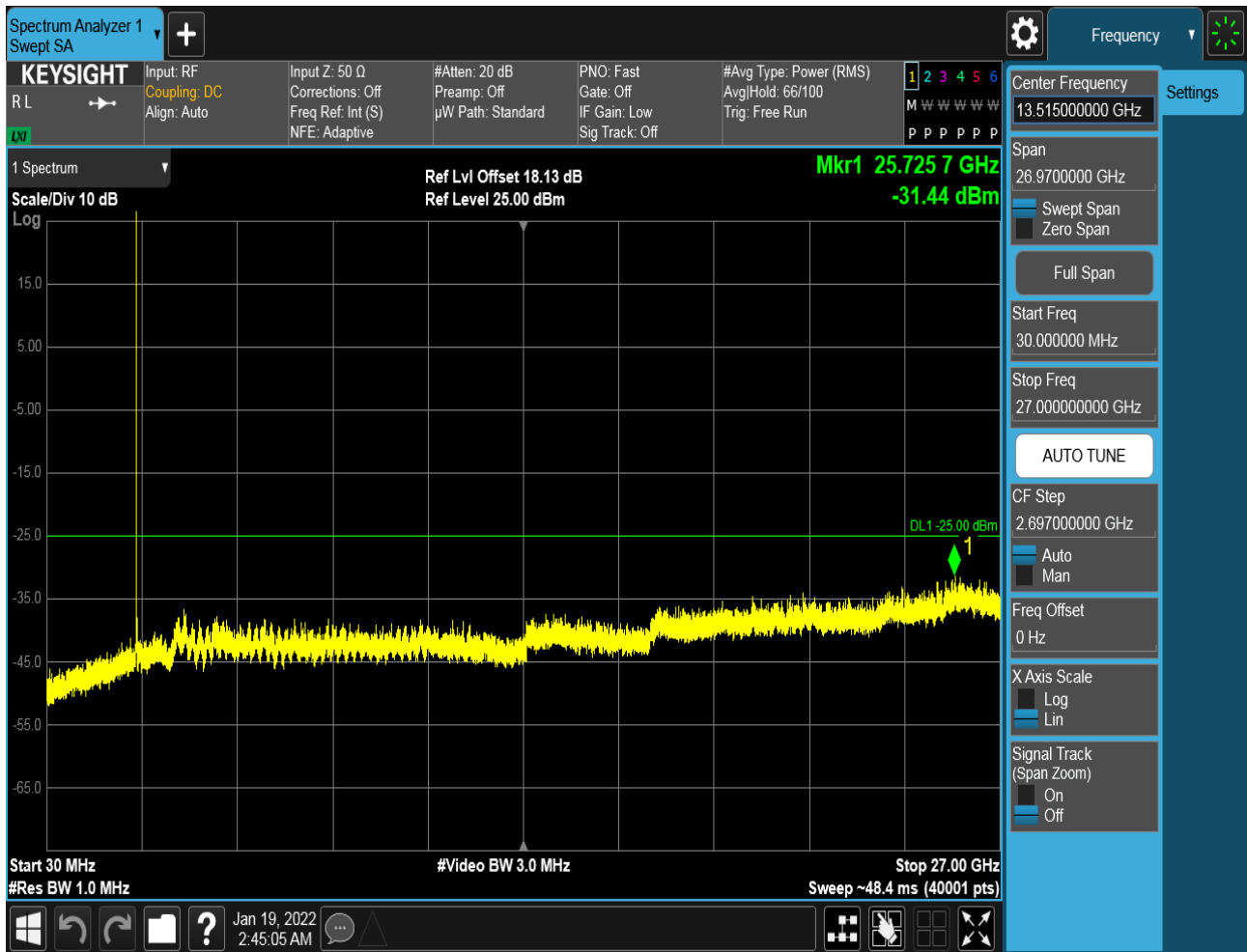


6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0





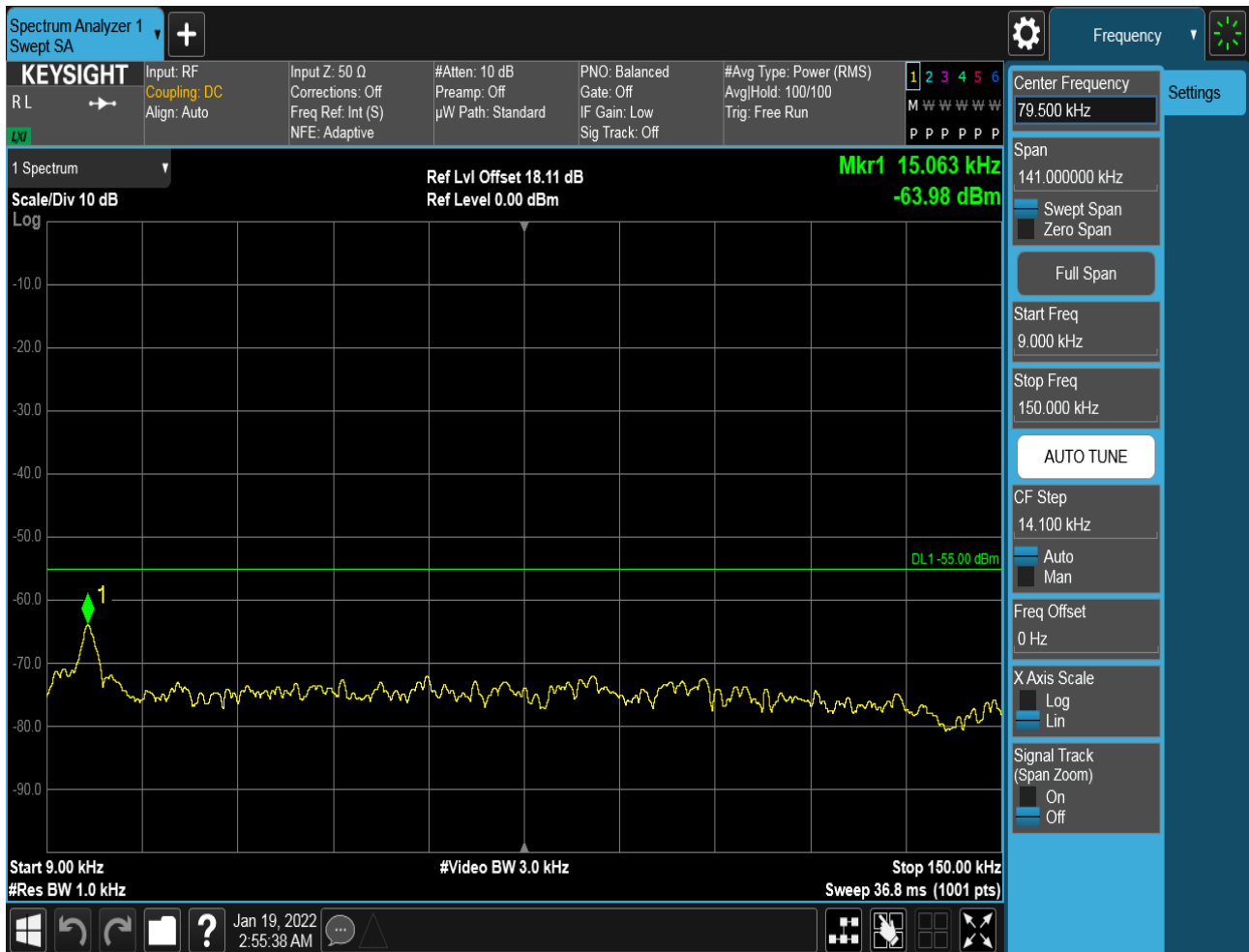


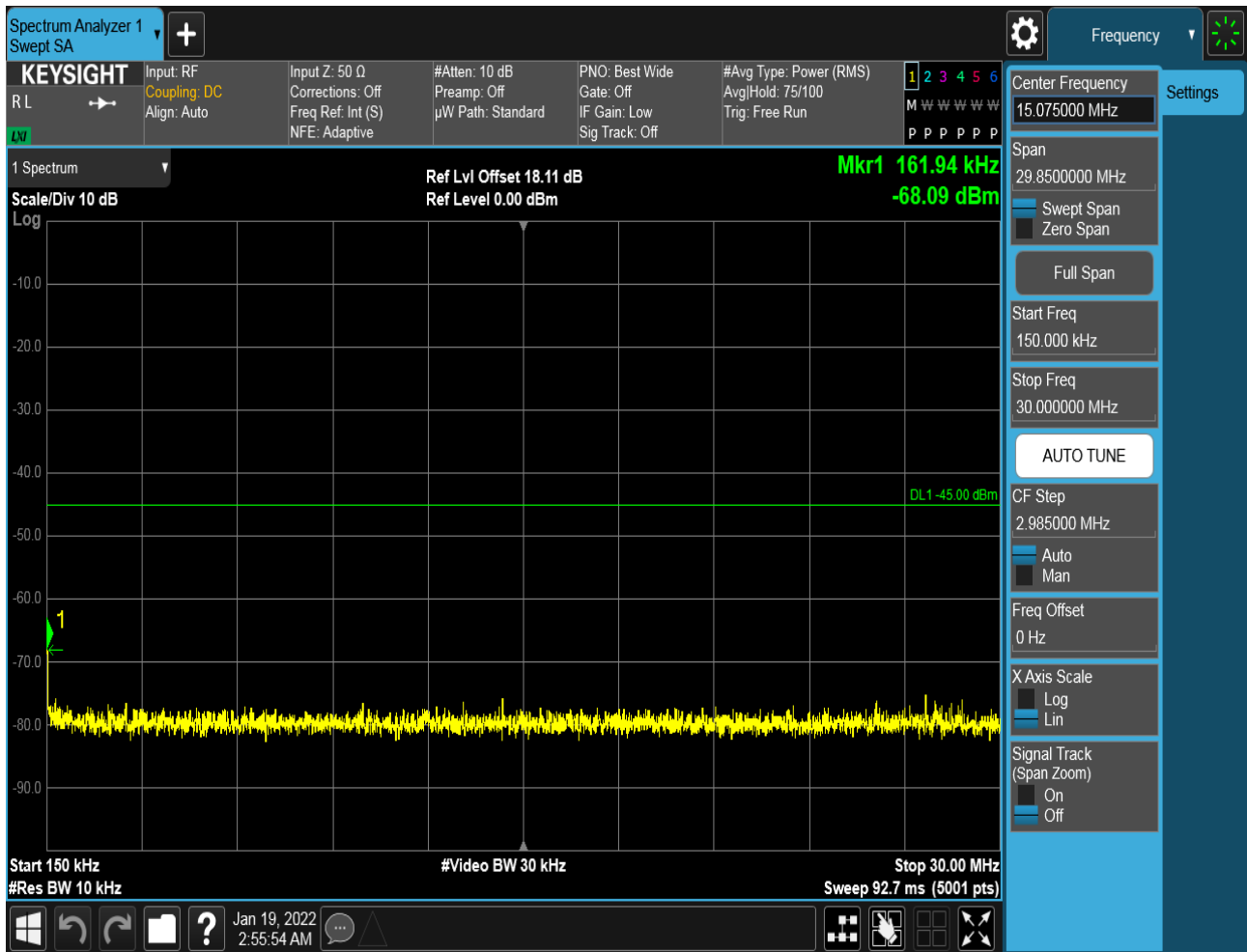


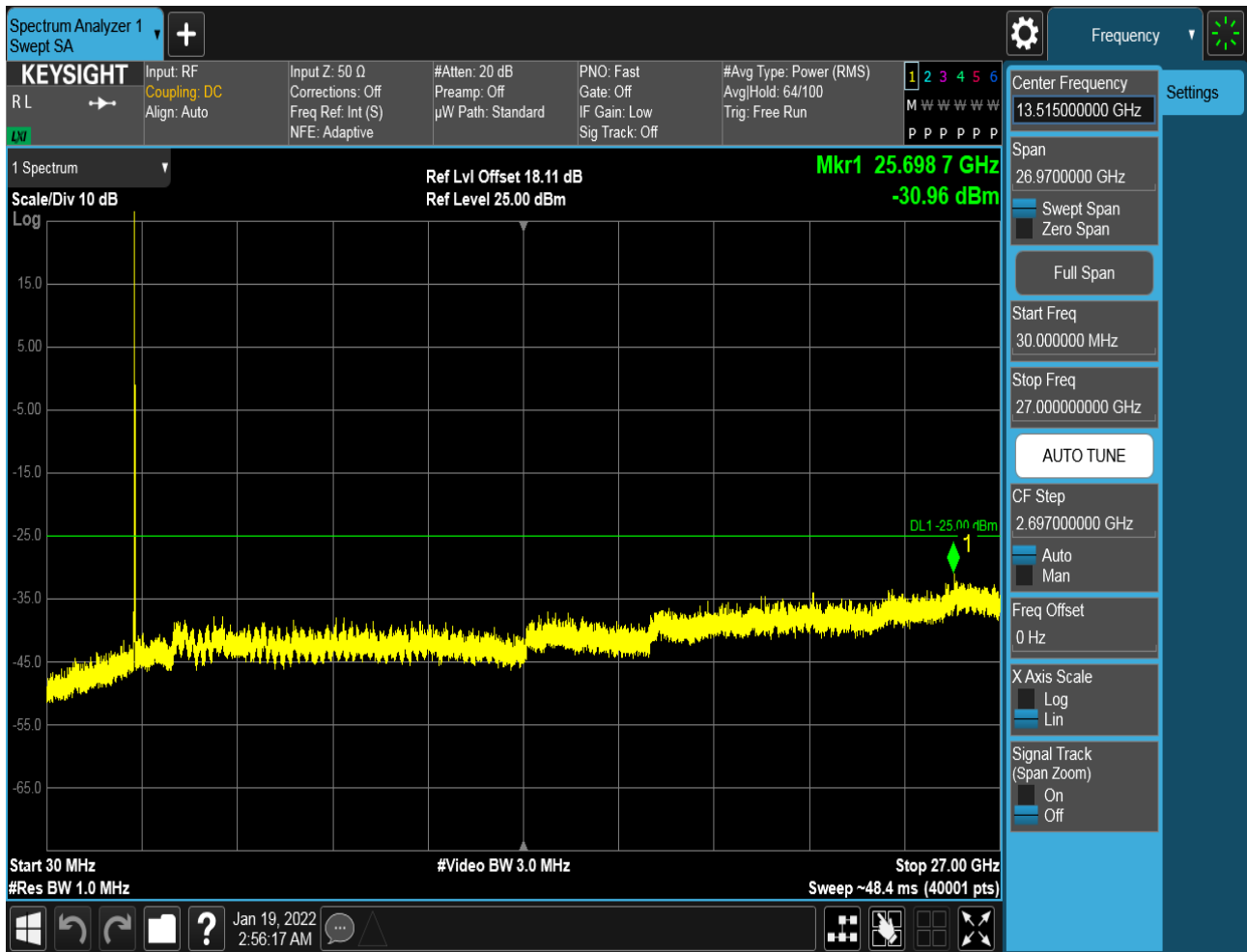
6.2.1.2.4 Test Bandwidth = 20MHz

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0



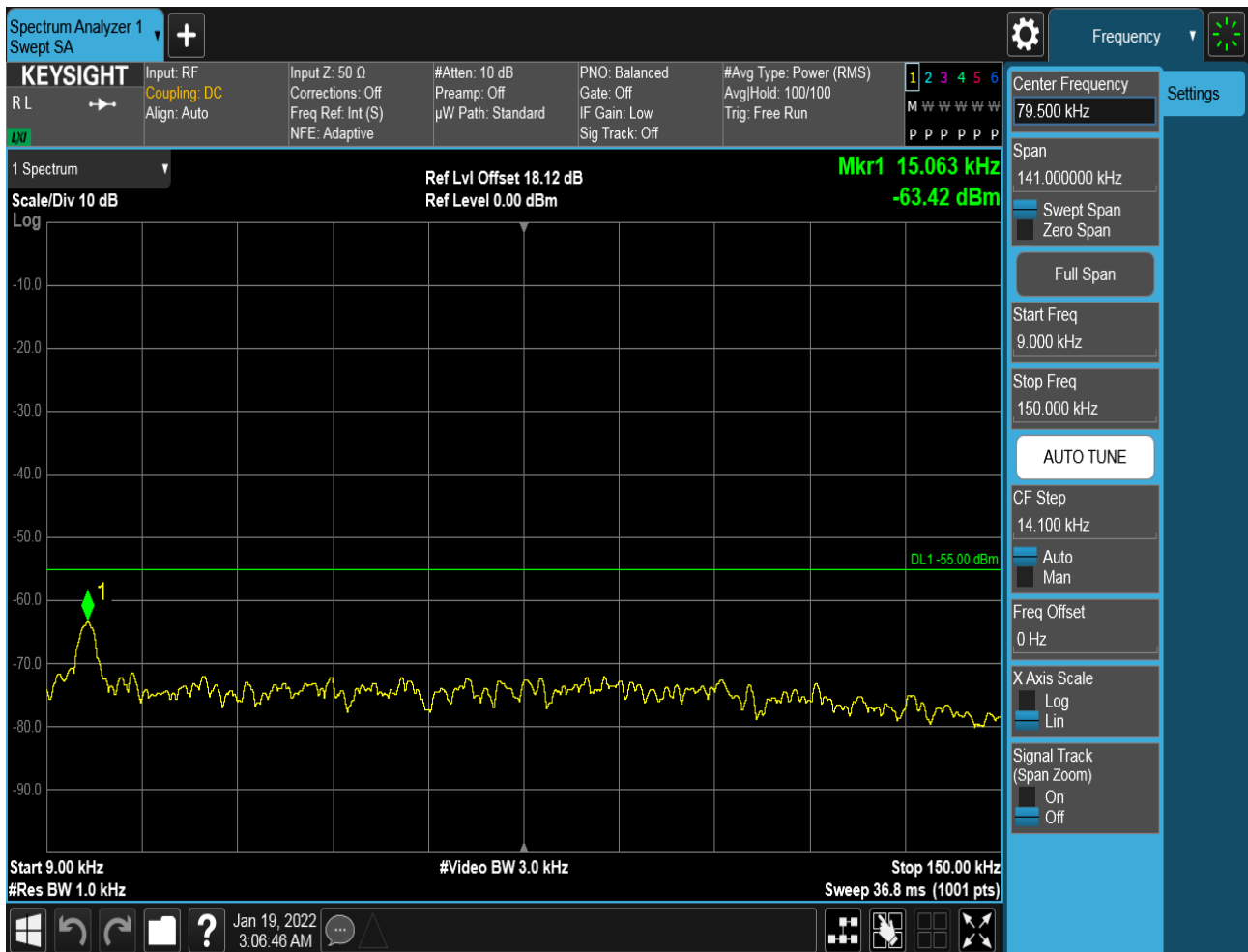


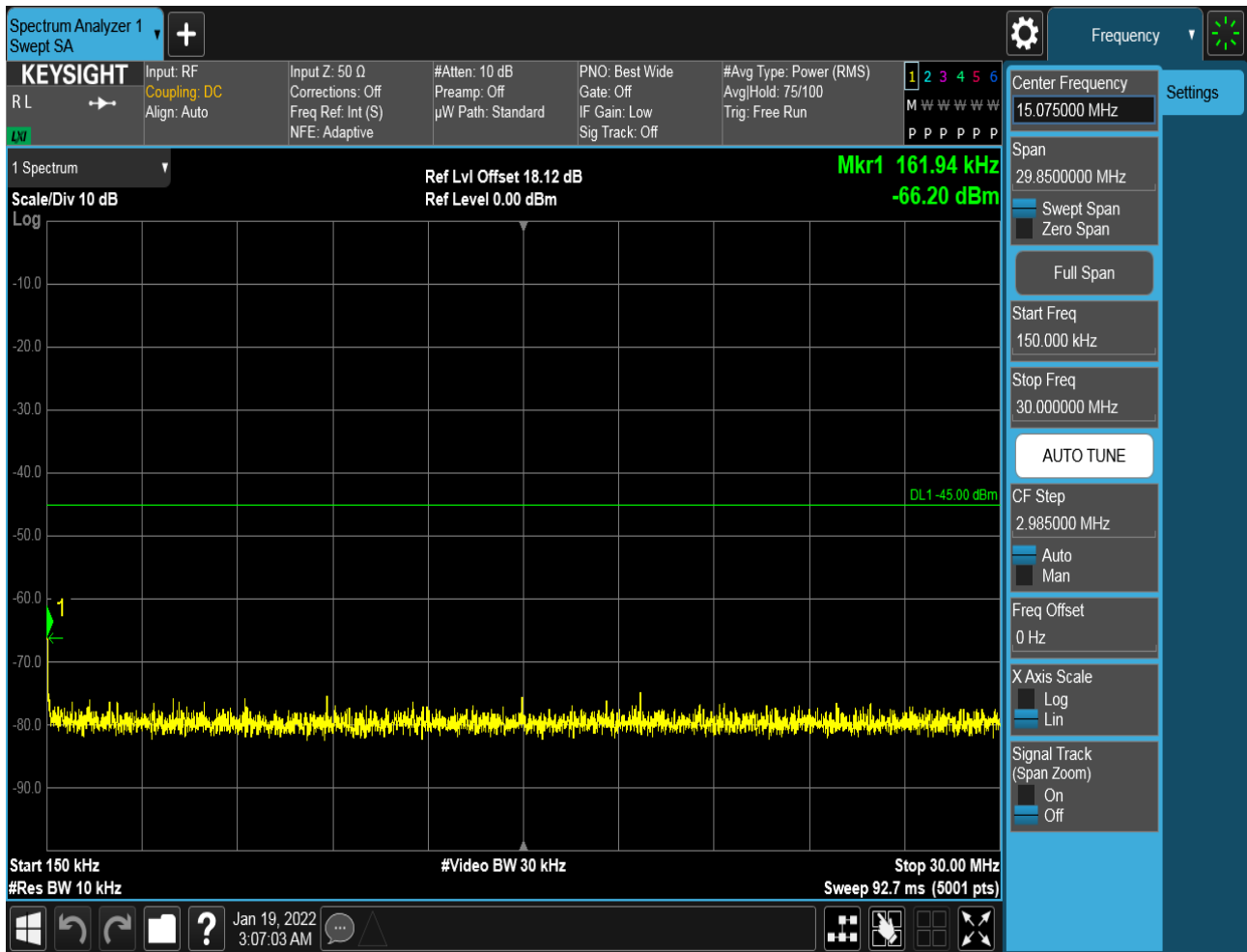


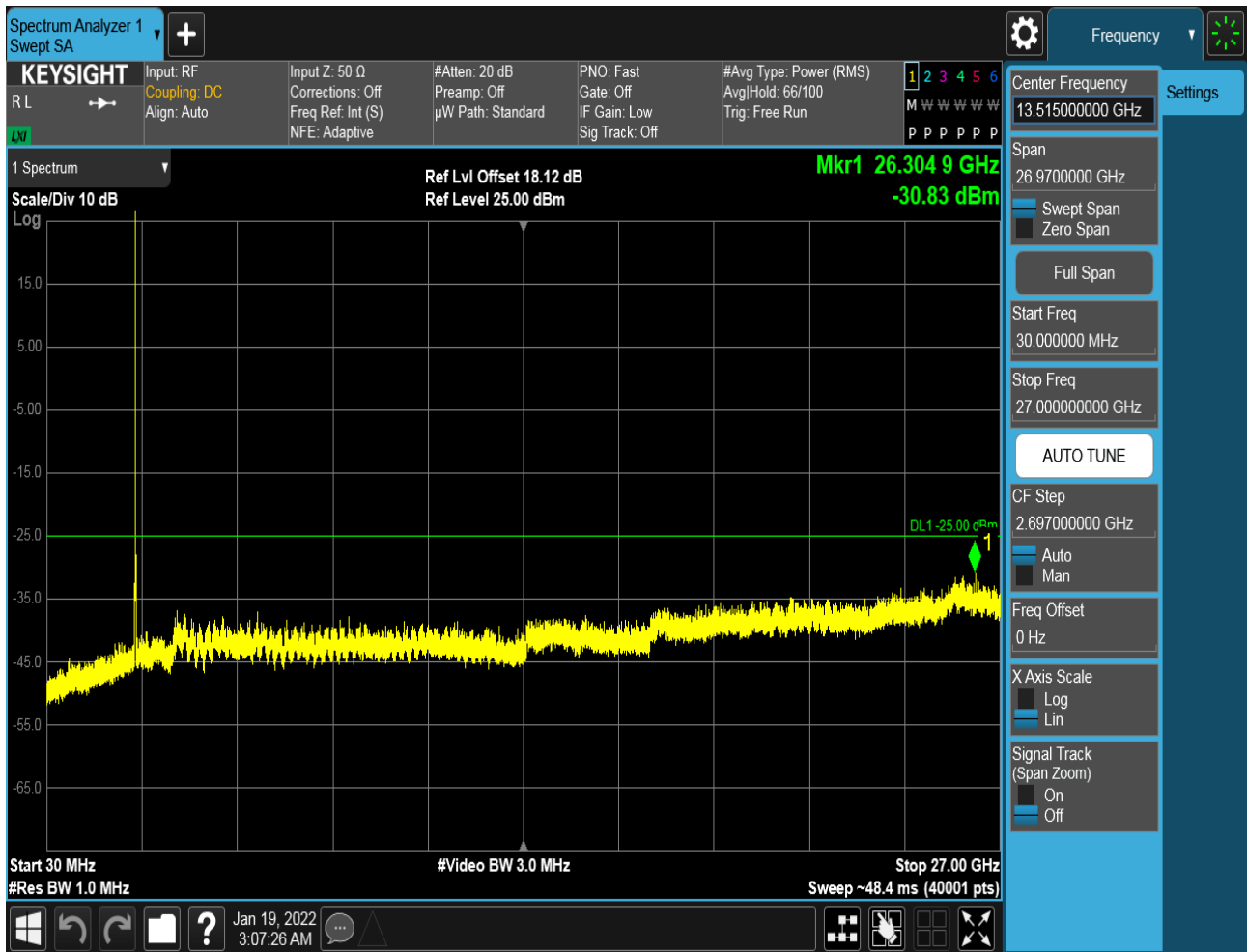


6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0



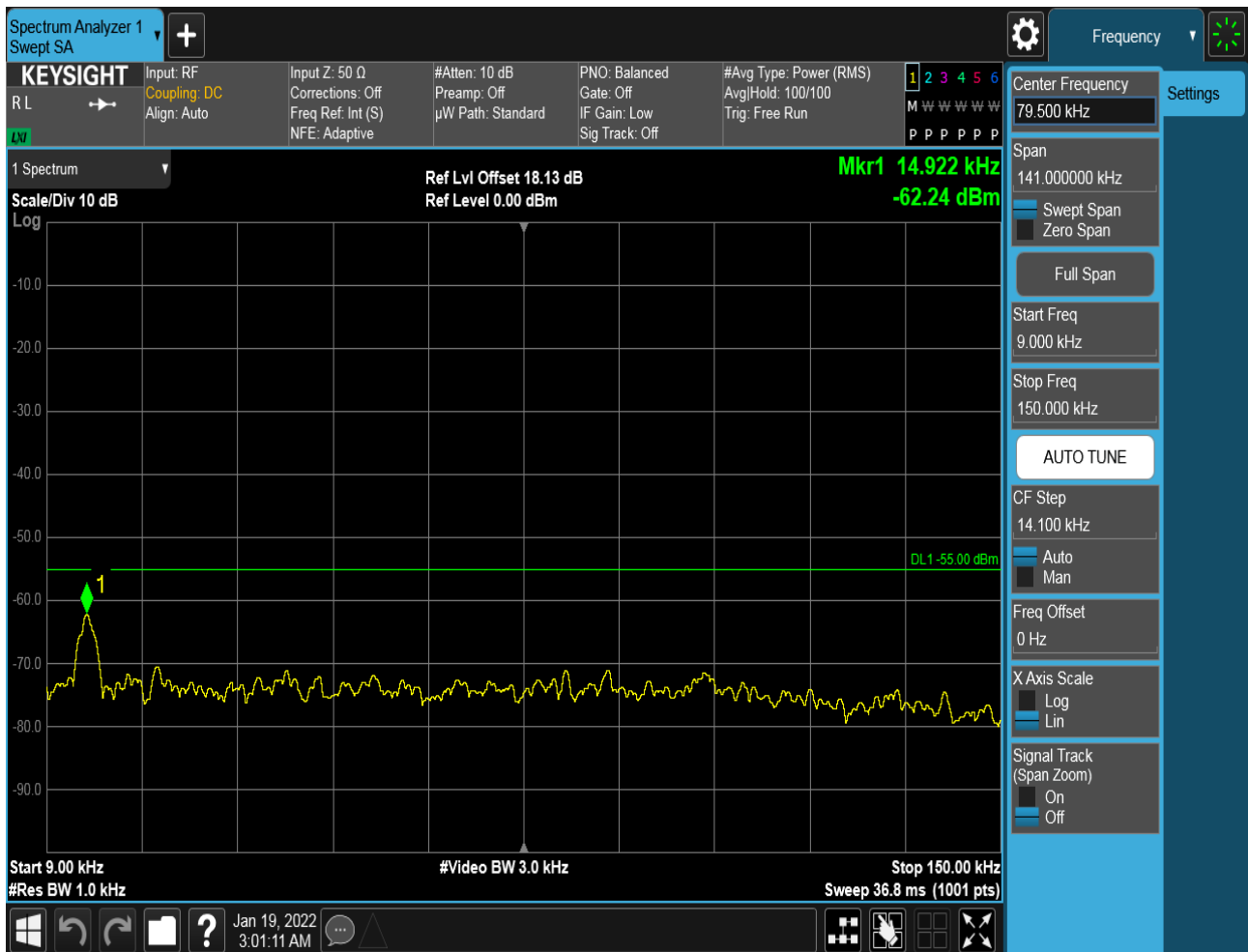


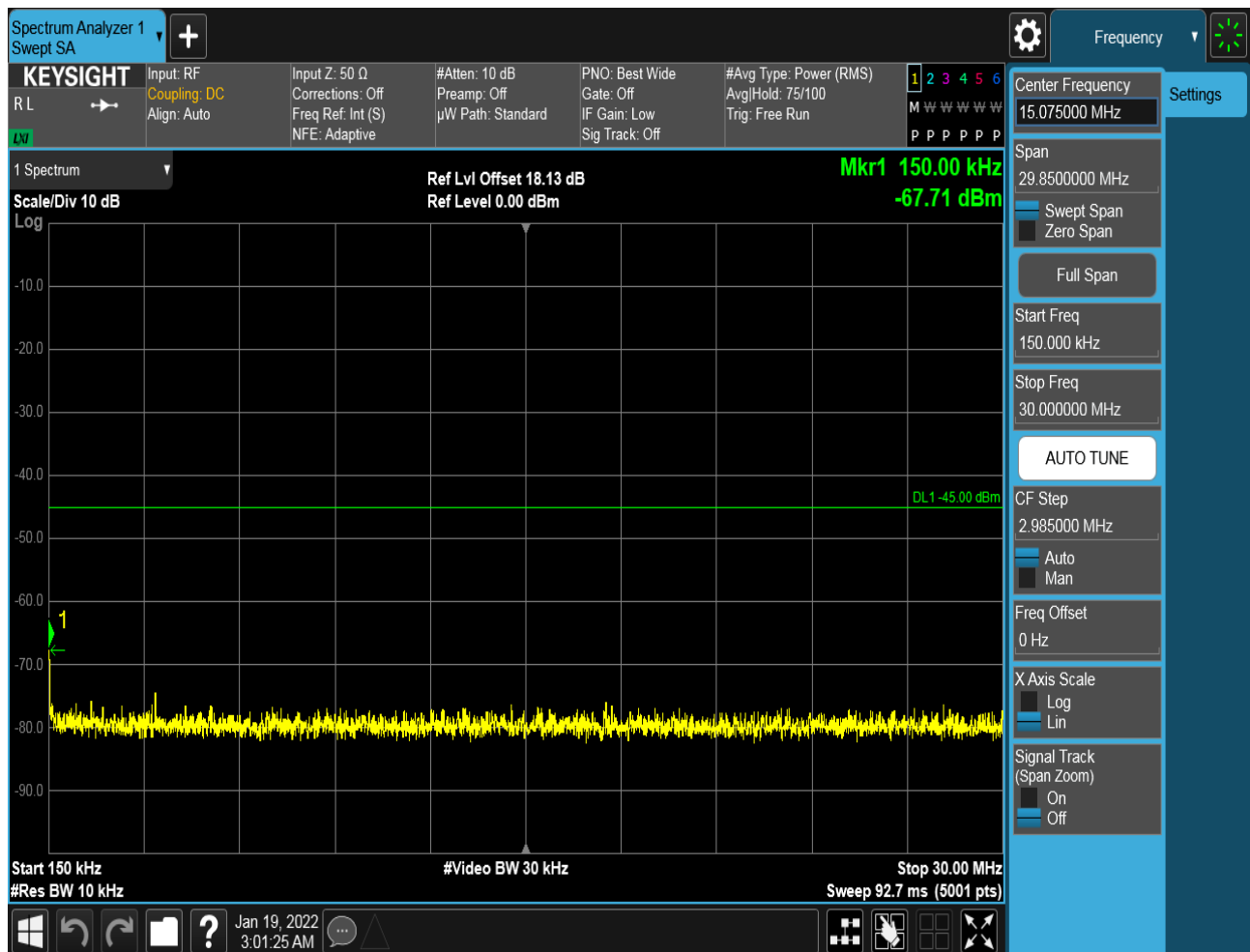


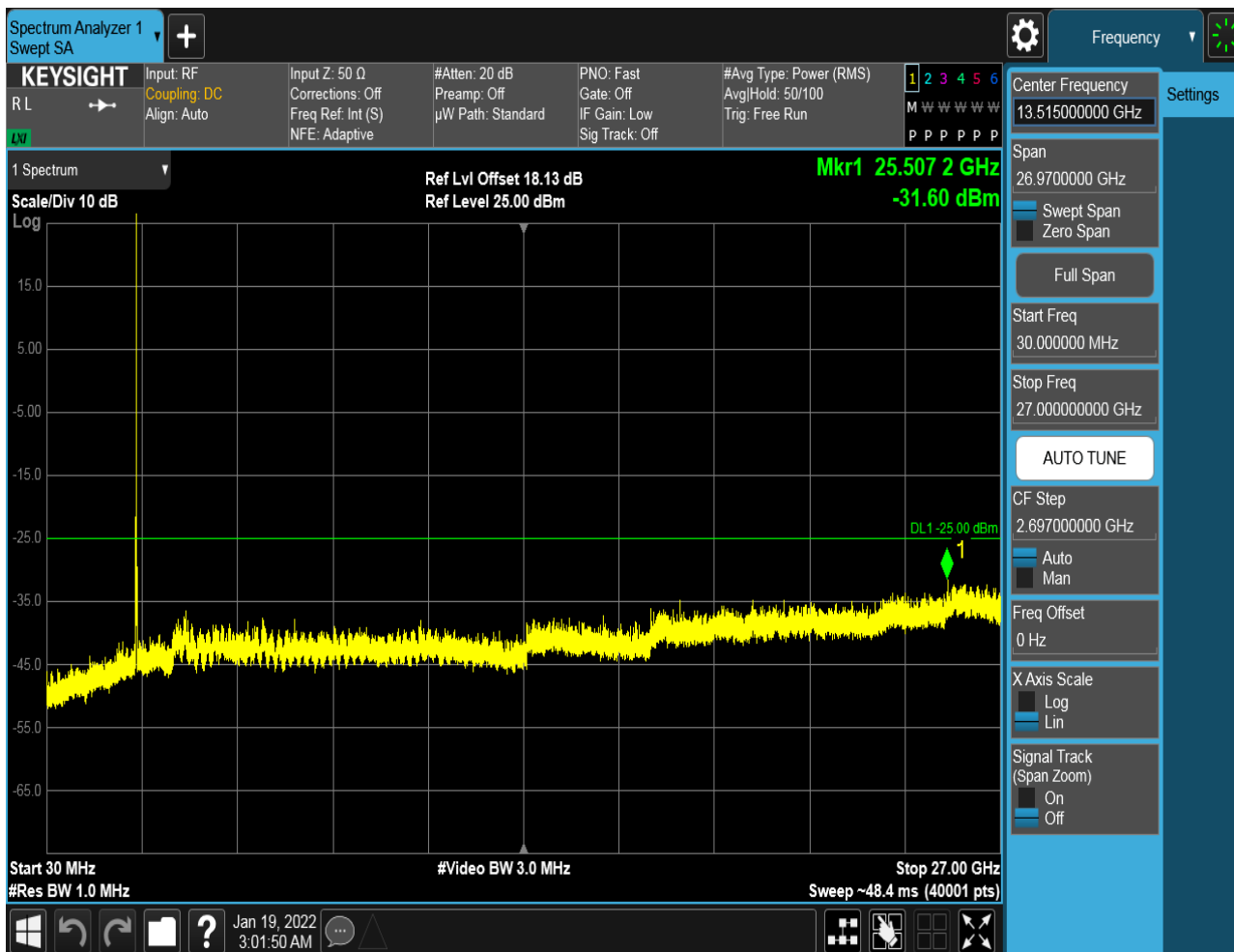


6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0







7Appendix_G: Field Strength of Spurious Radiation

Note 1: We tested all modes & antennas, the data presented below is the worst case.

Note 2: For Below 30MHz, the data presented below is the worst case for all Channel Bandwidth.

9kHz~150kHz, RBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, RBW = 9kHz, VBW = 30k Hz, Detector: PK

30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

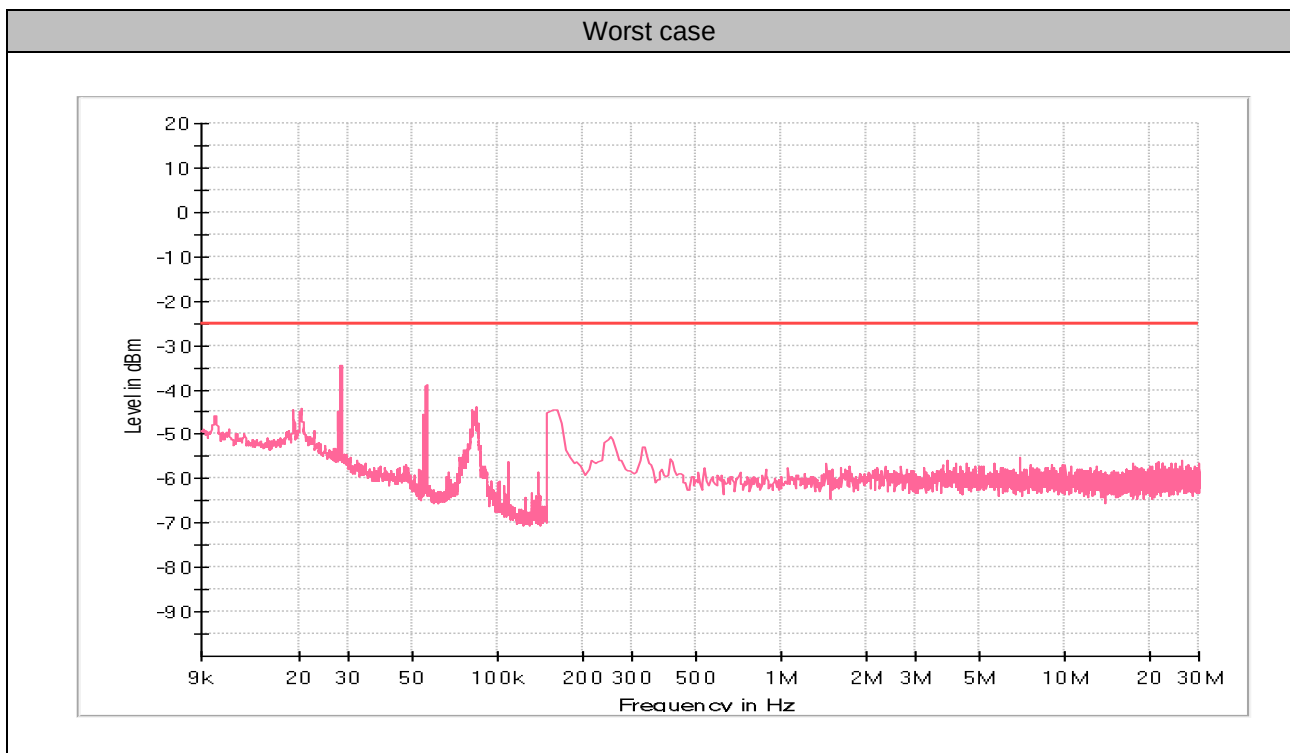
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

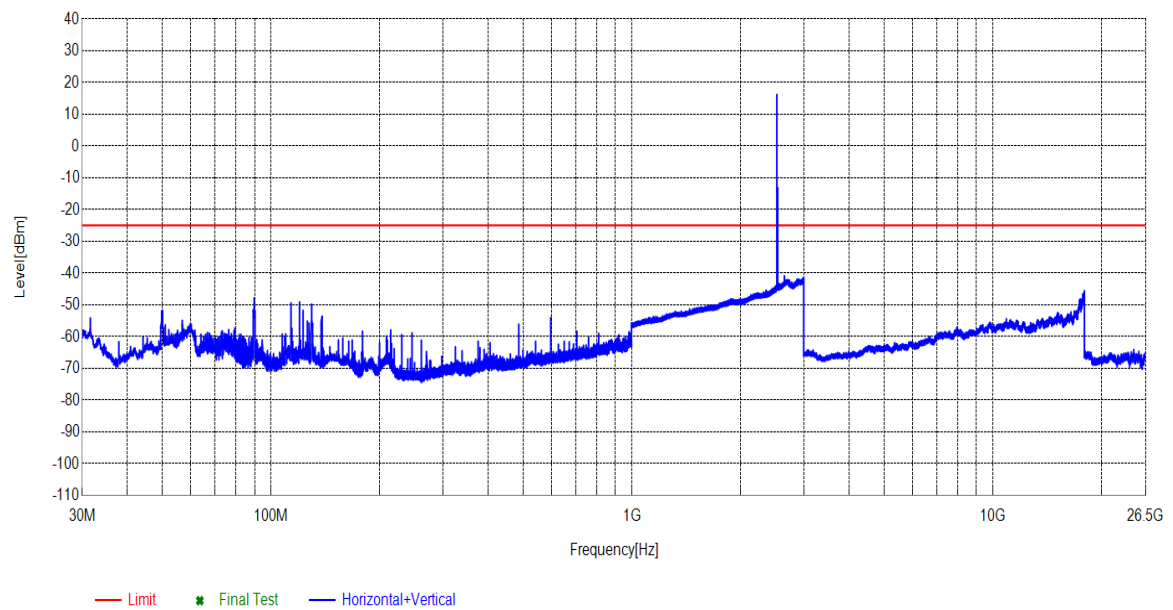
Part I - Test Plots

7.1 For LTE

7.1.1 Test Band = Band7

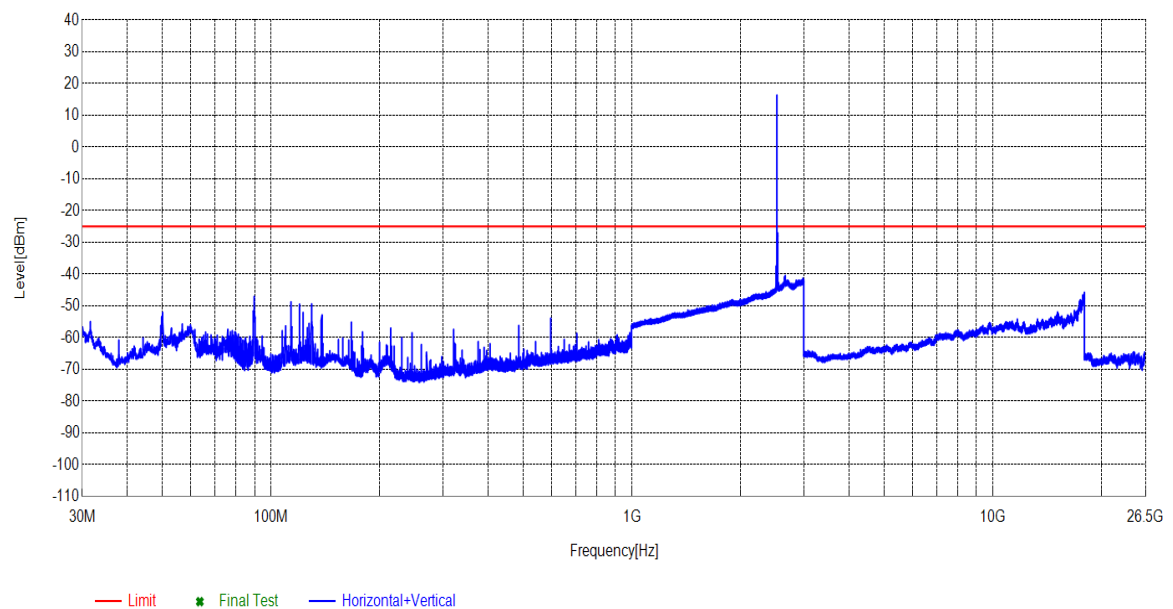
7.1.1.1 Test Bandwidth = 5MHz





7.1.1.2 Test Bandwidth = 20MHz

Worst case



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band7	LTE/TM1	5	LCH	TN	VL	-17.40932	-0.00696	PASS
					VN	-25.47741	-0.01018	PASS
					VH	0.58651	0.00023	PASS
			MCH	TN	VL	-4.20570	-0.00166	PASS
					VN	-4.01974	-0.00159	PASS
					VH	-3.74794	-0.00148	PASS
			HCH	TN	VL	-1.85966	-0.00072	PASS
					VN	-8.25405	-0.00321	PASS
					VH	-10.25677	-0.00399	PASS
		10	LCH	TN	VL	-2.78950	-0.00111	PASS
					VN	-12.37392	-0.00494	PASS
					VH	3.43323	0.00137	PASS
			MCH	TN	VL	-4.01974	-0.00159	PASS
					VN	0.81539	0.00032	PASS
					VH	-7.82490	-0.00309	PASS
			HCH	TN	VL	4.49181	0.00175	PASS
					VN	3.54767	0.00138	PASS
					VH	-1.43051	-0.00056	PASS
		15	LCH	TN	VL	0.51498	0.00021	PASS
					VN	6.22272	0.00248	PASS
					VH	0.10014	0.00004	PASS
			MCH	TN	VL	-6.66618	-0.00263	PASS
					VN	-1.33038	-0.00052	PASS
					VH	0.78678	0.00031	PASS
			HCH	TN	VL	0.28610	0.00011	PASS
					VN	-0.18597	-0.00007	PASS
					VH	0.74387	0.00029	PASS
		20	LCH	TN	VL	0.57220	0.00023	PASS
					VN	1.61648	0.00064	PASS
					VH	1.13010	0.00045	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2		MCH	TN	VL	-3.79086	-0.00150	PASS
					VN	0.90122	0.00036	PASS
					VH	-2.58923	-0.00102	PASS
			HCH	TN	VL	2.67506	0.00104	PASS
					VN	2.24590	0.00088	PASS
					VH	0.42915	0.00017	PASS
		5	LCH	TN	VL	-18.12458	-0.00724	PASS
					VN	-2.83241	-0.00113	PASS
					VH	-22.45903	-0.00897	PASS
			MCH	TN	VL	-7.48158	-0.00295	PASS
					VN	-22.00127	-0.00868	PASS
					VH	-7.62463	-0.00301	PASS
			HCH	TN	VL	-12.04491	-0.00469	PASS
					VN	-29.54006	-0.01151	PASS
					VH	-2.63214	-0.00103	PASS
		10	LCH	TN	VL	-2.96116	-0.00118	PASS
					VN	-28.36704	-0.01132	PASS
					VH	-1.25885	-0.00050	PASS
			MCH	TN	VL	-10.34260	-0.00408	PASS
					VN	-11.08646	-0.00437	PASS
					VH	-4.09126	-0.00161	PASS
			HCH	TN	VL	-3.11851	-0.00122	PASS
					VN	0.85831	0.00033	PASS
					VH	0.81539	0.00032	PASS
		15	LCH	TN	VL	-0.92983	-0.00037	PASS
					VN	8.13961	0.00325	PASS
					VH	0.38624	0.00015	PASS
			MCH	TN	VL	-4.23431	-0.00167	PASS
					VN	-5.45025	-0.00215	PASS
					VH	-3.89099	-0.00153	PASS
			HCH	TN	VL	2.07424	0.00081	PASS
					VN	2.18868	0.00085	PASS
					VH	1.71661	0.00067	PASS
		20	LCH	TN	VL	-0.05722	-0.00002	PASS
					VN	1.08719	0.00043	PASS
					VH	-0.02861	-0.00001	PASS
			MCH	TN	VL	-2.96116	-0.00117	PASS
					VN	-4.29153	-0.00169	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VH	-2.50339	-0.00099	PASS
					VL	0.88692	0.00035	PASS
					VN	2.44618	0.00096	PASS
					VH	2.28882	0.00089	PASS

8.1.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band7	LTE/TM1	5	LCH	VN	-30	-40.48347	-0.01618	PASS
					-20	-34.71851	-0.01387	PASS
					-10	-25.13409	-0.01004	PASS
					0	-14.57691	-0.00582	PASS
					10	3.81947	0.00153	PASS
					20	-25.47741	-0.01018	PASS
					30	3.13282	0.00125	PASS
					40	1.28746	0.00051	PASS
					50	-0.65804	-0.00026	PASS
			MCH	VN	-30	-9.98497	-0.00394	PASS
					-20	-10.15663	-0.00401	PASS
					-10	-11.68728	-0.00461	PASS
					0	-17.82417	-0.00703	PASS
					10	-28.12386	-0.01109	PASS
					20	-4.01974	-0.00159	PASS
					30	-11.24382	-0.00444	PASS
					40	-7.28130	-0.00287	PASS
					50	-25.27714	-0.00997	PASS
			HCH	VN	-30	-15.89298	-0.00619	PASS
					-20	-28.92494	-0.01127	PASS
					-10	-16.73698	-0.00652	PASS
					0	-48.56586	-0.01892	PASS
					10	-16.65115	-0.00649	PASS
					20	-8.25405	-0.00321	PASS
					30	-12.66003	-0.00493	PASS
					40	-14.87732	-0.00579	PASS
					50	-17.12322	-0.00667	PASS
		10	LCH	VN	-30	-3.03268	-0.00121	PASS
					-20	-9.16958	-0.00366	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-3.97682	-0.00159	PASS
					0	-11.58714	-0.00463	PASS
					10	-23.54622	-0.00940	PASS
					20	-12.37392	-0.00494	PASS
					30	-14.84871	-0.00593	PASS
					40	-19.76967	-0.00789	PASS
					50	-16.82281	-0.00672	PASS
			MCH	VN	-30	0.44346	0.00017	PASS
					-20	-3.54767	-0.00140	PASS
					-10	-2.44618	-0.00096	PASS
					0	1.37329	0.00054	PASS
					10	-3.14712	-0.00124	PASS
					20	0.81539	0.00032	PASS
					30	0.42915	0.00017	PASS
					40	0.10014	0.00004	PASS
					50	-1.30177	-0.00051	PASS
			HCH	VN	-30	-1.25885	-0.00049	PASS
					-20	-1.78814	-0.00070	PASS
					-10	-3.60489	-0.00141	PASS
					0	1.41621	0.00055	PASS
					10	-4.93527	-0.00192	PASS
					20	3.54767	0.00138	PASS
					30	-1.85966	-0.00073	PASS
					40	-13.63277	-0.00531	PASS
					50	-3.63350	-0.00142	PASS
		15	LCH	VN	-30	-1.13010	-0.00045	PASS
					-20	-1.53065	-0.00061	PASS
					-10	-2.53200	-0.00101	PASS
					0	3.20435	0.00128	PASS
					10	2.10285	0.00084	PASS
					20	6.22272	0.00248	PASS
					30	8.62598	0.00344	PASS
					40	4.26292	0.00170	PASS
					50	6.75201	0.00269	PASS
			MCH	VN	-30	-2.74658	-0.00108	PASS
					-20	-4.23431	-0.00167	PASS
					-10	-2.78950	-0.00110	PASS
					0	1.00136	0.00040	PASS
					10	-1.33038	-0.00052	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-1.33038	-0.00052	PASS
					30	-0.22888	-0.00009	PASS
					40	-0.78678	-0.00031	PASS
					50	-1.20163	-0.00047	PASS
			HCH	VN	-30	-0.54359	-0.00021	PASS
					-20	-2.21729	-0.00087	PASS
					-10	-1.11580	-0.00044	PASS
					0	1.50204	0.00059	PASS
					10	-1.93119	-0.00075	PASS
					20	-0.18597	-0.00007	PASS
					30	0.34332	0.00013	PASS
					40	0.45776	0.00018	PASS
					50	-1.04427	-0.00041	PASS
		20	LCH	VN	-30	-0.44346	-0.00018	PASS
					-20	0.38624	0.00015	PASS
					-10	-3.03268	-0.00121	PASS
					0	-1.80244	-0.00072	PASS
					10	1.34468	0.00054	PASS
					20	1.61648	0.00064	PASS
					30	1.07288	0.00043	PASS
					40	-2.43187	-0.00097	PASS
					50	1.04427	0.00042	PASS
			MCH	VN	-30	-1.41621	-0.00056	PASS
					-20	-1.73092	-0.00068	PASS
					-10	-0.91553	-0.00036	PASS
					0	-1.00136	-0.00040	PASS
					10	0.14305	0.00006	PASS
					20	0.90122	0.00036	PASS
					30	0.22888	0.00009	PASS
					40	-0.44346	-0.00017	PASS
					50	-1.04427	-0.00041	PASS
			HCH	VN	-30	3.04699	0.00119	PASS
					-20	-0.55790	-0.00022	PASS
					-10	1.27316	0.00050	PASS
					0	2.64645	0.00103	PASS
					10	1.80244	0.00070	PASS
					20	2.24590	0.00088	PASS
					30	2.34604	0.00092	PASS
					40	1.11580	0.00044	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	5	LCH	VN	50	2.60353	0.00102	PASS
					-30	-9.69887	-0.00388	PASS
					-20	-14.94884	-0.00597	PASS
					-10	-31.24237	-0.01248	PASS
					0	-15.34939	-0.00613	PASS
					10	-7.52449	-0.00301	PASS
					20	-2.83241	-0.00113	PASS
					30	-11.27243	-0.00450	PASS
					40	-21.07143	-0.00842	PASS
					50	-11.30104	-0.00452	PASS
			MCH	VN	-30	-9.14097	-0.00361	PASS
					-20	-15.54966	-0.00613	PASS
					-10	-13.64708	-0.00538	PASS
					0	-25.70629	-0.01014	PASS
					10	-33.34522	-0.01315	PASS
					20	-22.00127	-0.00868	PASS
					30	-45.61901	-0.01800	PASS
					40	-10.05650	-0.00397	PASS
					50	-12.66003	-0.00499	PASS
			HCH	VN	-30	-28.49579	-0.01110	PASS
					-20	-15.26356	-0.00594	PASS
					-10	-29.58298	-0.01152	PASS
					0	-47.12105	-0.01835	PASS
					10	-8.64029	-0.00337	PASS
					20	-29.54006	-0.01151	PASS
					30	-12.30240	-0.00479	PASS
					40	-10.07080	-0.00392	PASS
					50	-30.45559	-0.01186	PASS
		10	LCH	VN	-30	-0.57220	-0.00023	PASS
					-20	-13.54694	-0.00541	PASS
					-10	-12.91752	-0.00516	PASS
					0	-20.22743	-0.00807	PASS
					10	-22.25876	-0.00889	PASS
					20	-28.36704	-0.01132	PASS
					30	-17.78126	-0.00710	PASS
					40	-18.79692	-0.00750	PASS
					50	-13.37528	-0.00534	PASS
			MCH	VN	-30	-6.49452	-0.00256	PASS
					-20	-8.76904	-0.00346	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-11.41548	-0.00450	PASS
					0	-8.35419	-0.00330	PASS
					10	-4.69208	-0.00185	PASS
					20	-11.08646	-0.00437	PASS
					30	-13.40389	-0.00529	PASS
					40	-3.86238	-0.00152	PASS
					50	-4.77791	-0.00188	PASS
			HCH	VN	-30	-8.84056	-0.00345	PASS
					-20	1.43051	0.00056	PASS
					-10	1.08719	0.00042	PASS
					0	4.30584	0.00168	PASS
					10	1.15871	0.00045	PASS
					20	0.85831	0.00033	PASS
					30	1.43051	0.00056	PASS
					40	-6.88076	-0.00268	PASS
					50	1.10149	0.00043	PASS
		15	LCH	VN	-30	-2.41756	-0.00096	PASS
					-20	0.61512	0.00025	PASS
					-10	-0.84400	-0.00034	PASS
					0	8.75473	0.00349	PASS
					10	5.77927	0.00230	PASS
					20	8.13961	0.00325	PASS
					30	10.08511	0.00402	PASS
					40	5.86510	0.00234	PASS
					50	3.74794	0.00149	PASS
			MCH	VN	-30	-4.62055	-0.00182	PASS
					-20	-7.03812	-0.00278	PASS
					-10	-3.93391	-0.00155	PASS
					0	-4.14848	-0.00164	PASS
					10	-4.59194	-0.00181	PASS
					20	-5.45025	-0.00215	PASS
					30	-4.67777	-0.00185	PASS
					40	-5.79357	-0.00229	PASS
					50	-5.65052	-0.00223	PASS
			HCH	VN	-30	0.12875	0.00005	PASS
					-20	0.64373	0.00025	PASS
					-10	-0.47207	-0.00018	PASS
					0	3.59058	0.00140	PASS
					10	1.50204	0.00059	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	2.18868	0.00085	PASS
					30	1.15871	0.00045	PASS
					40	1.51634	0.00059	PASS
					50	0.95844	0.00037	PASS
		20	LCH	VN	-30	0.30041	0.00012	PASS
					-20	-3.76225	-0.00150	PASS
					-10	1.67370	0.00067	PASS
					0	0.10014	0.00004	PASS
					10	0.08583	0.00003	PASS
					20	1.08719	0.00043	PASS
					30	-1.04427	-0.00042	PASS
					40	0.27180	0.00011	PASS
					50	-1.18732	-0.00047	PASS
			MCH	VN	-30	-2.00272	-0.00079	PASS
					-20	-3.69072	-0.00146	PASS
					-10	-6.00815	-0.00237	PASS
					0	-4.36306	-0.00172	PASS
					10	-10.49995	-0.00414	PASS
					20	-4.29153	-0.00169	PASS
					30	-5.16415	-0.00204	PASS
					40	-8.02517	-0.00317	PASS
					50	-3.91960	-0.00155	PASS
			HCH	VN	-30	3.79086	0.00148	PASS
					-20	1.55926	0.00061	PASS
					-10	2.21729	0.00087	PASS
					0	2.57492	0.00101	PASS
					10	1.73092	0.00068	PASS
					20	2.44618	0.00096	PASS
					30	1.13010	0.00044	PASS
					40	1.18732	0.00046	PASS
					50	2.68936	0.00105	PASS

END