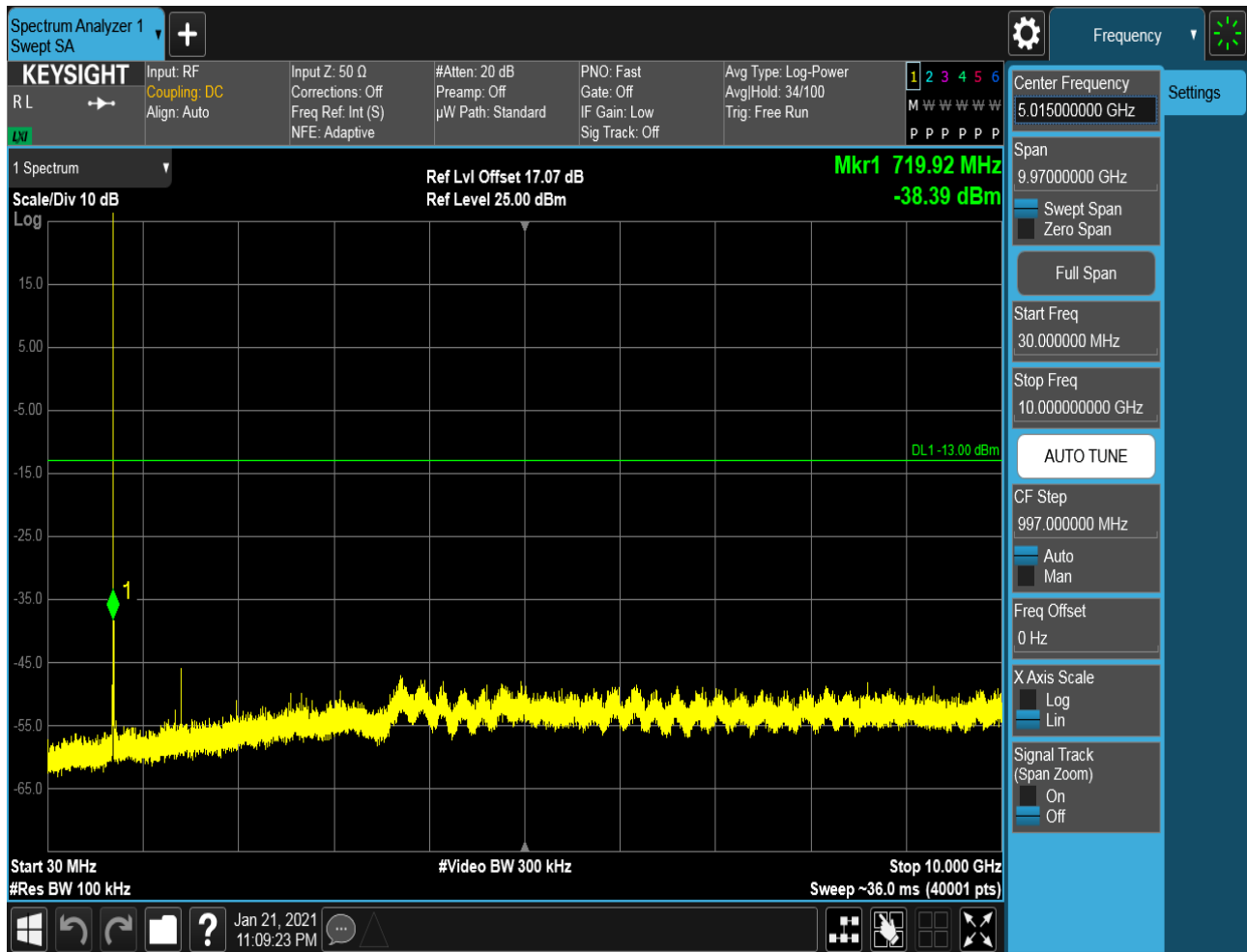
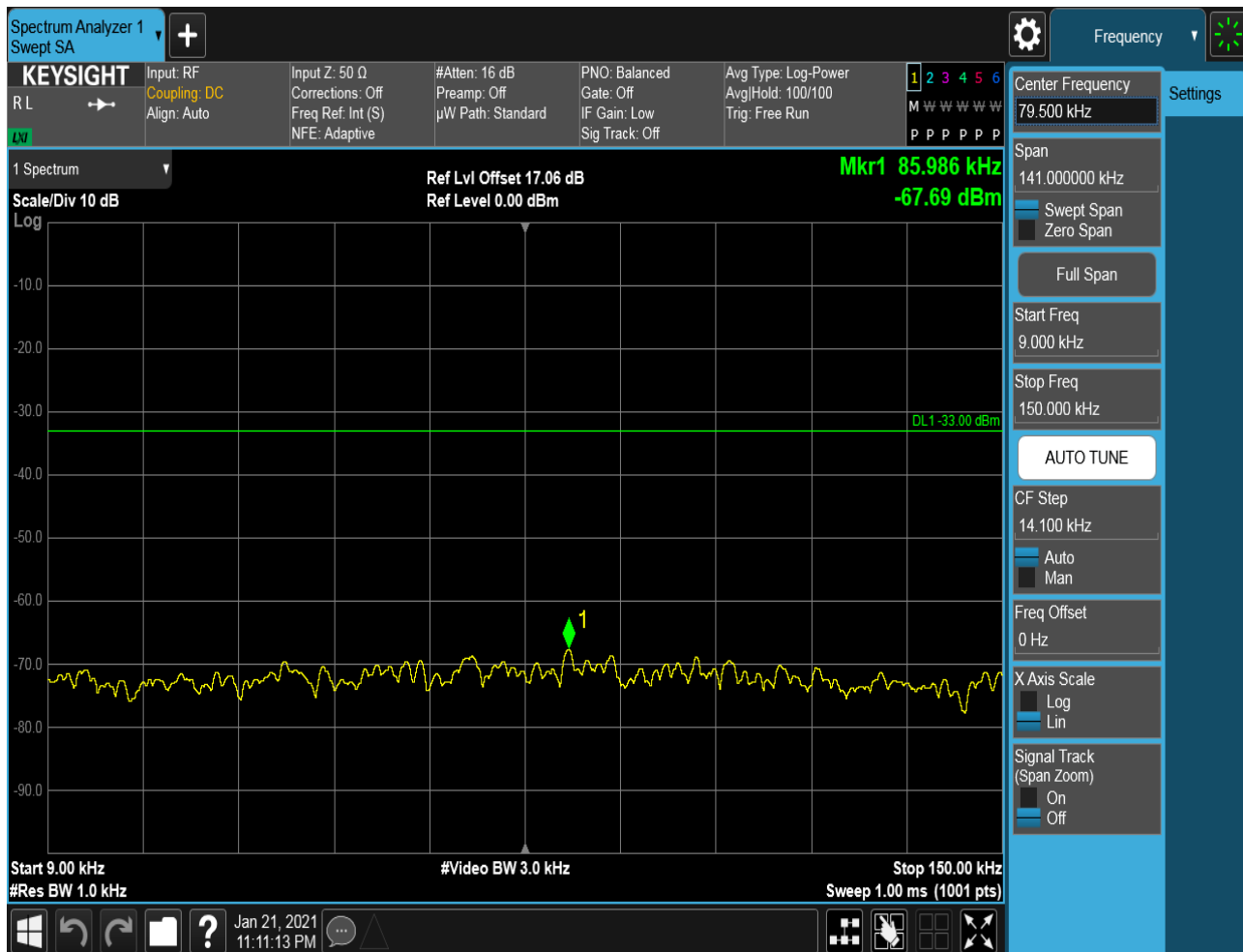


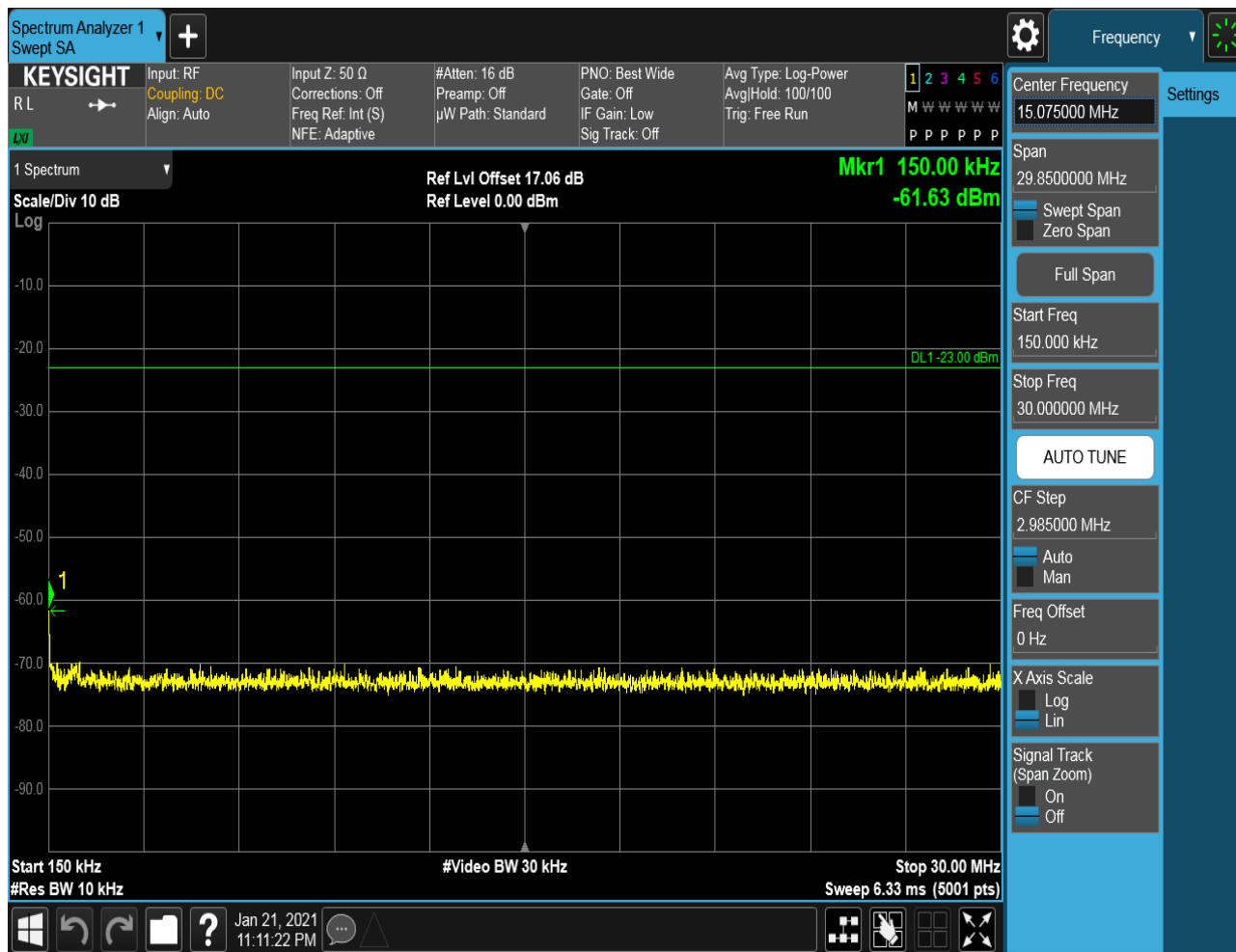


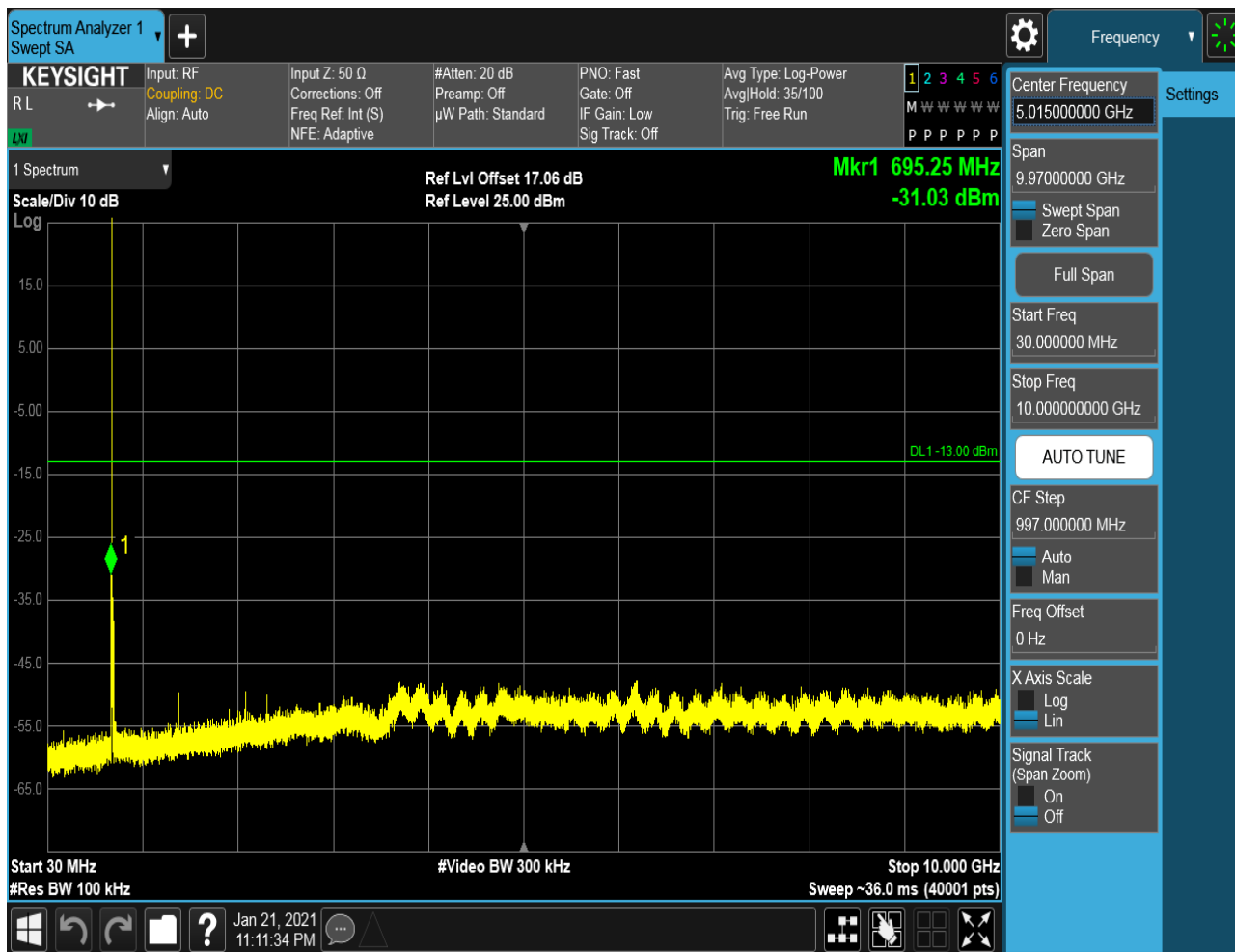
6.2.1.1.4 Test Bandwidth = 10

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0

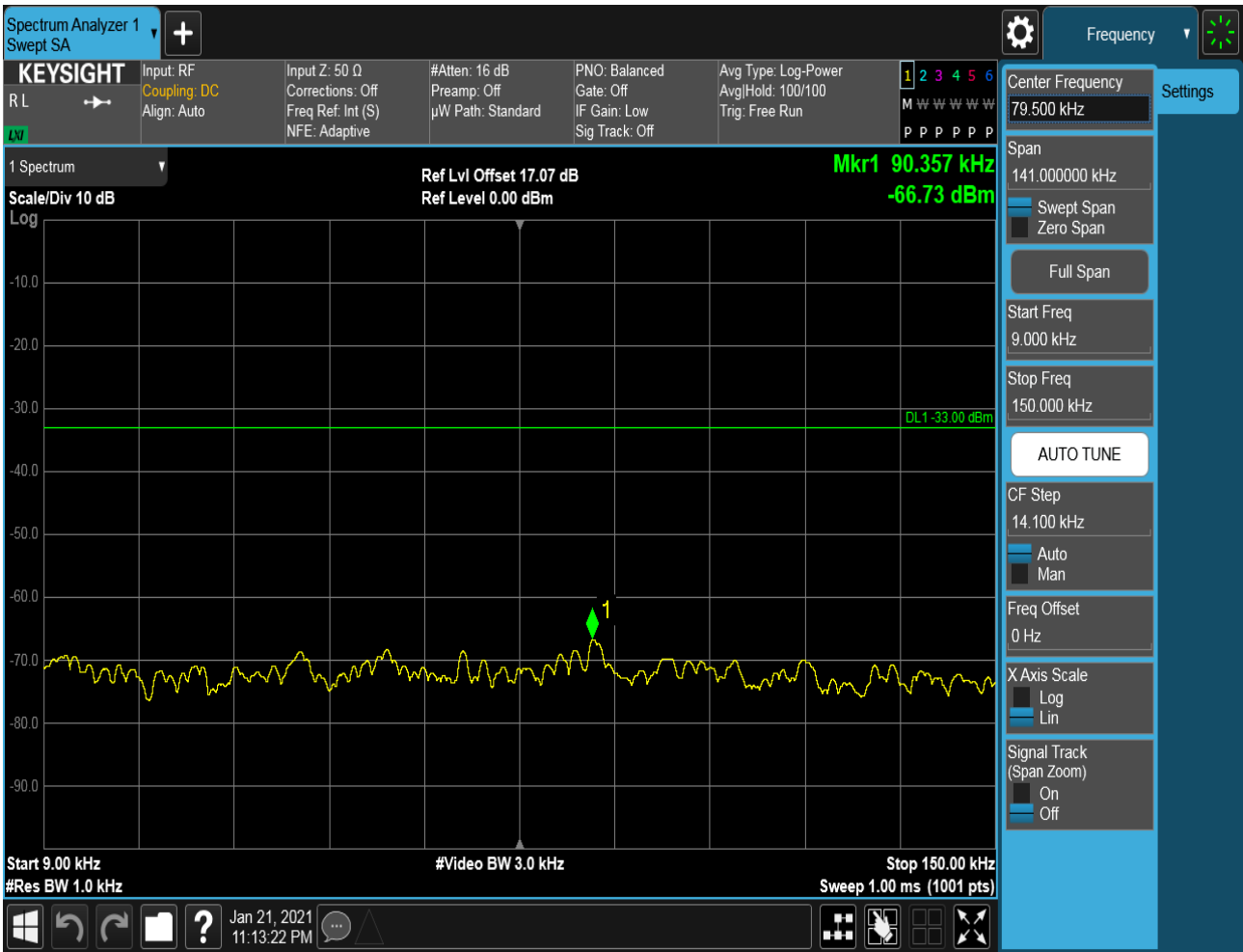


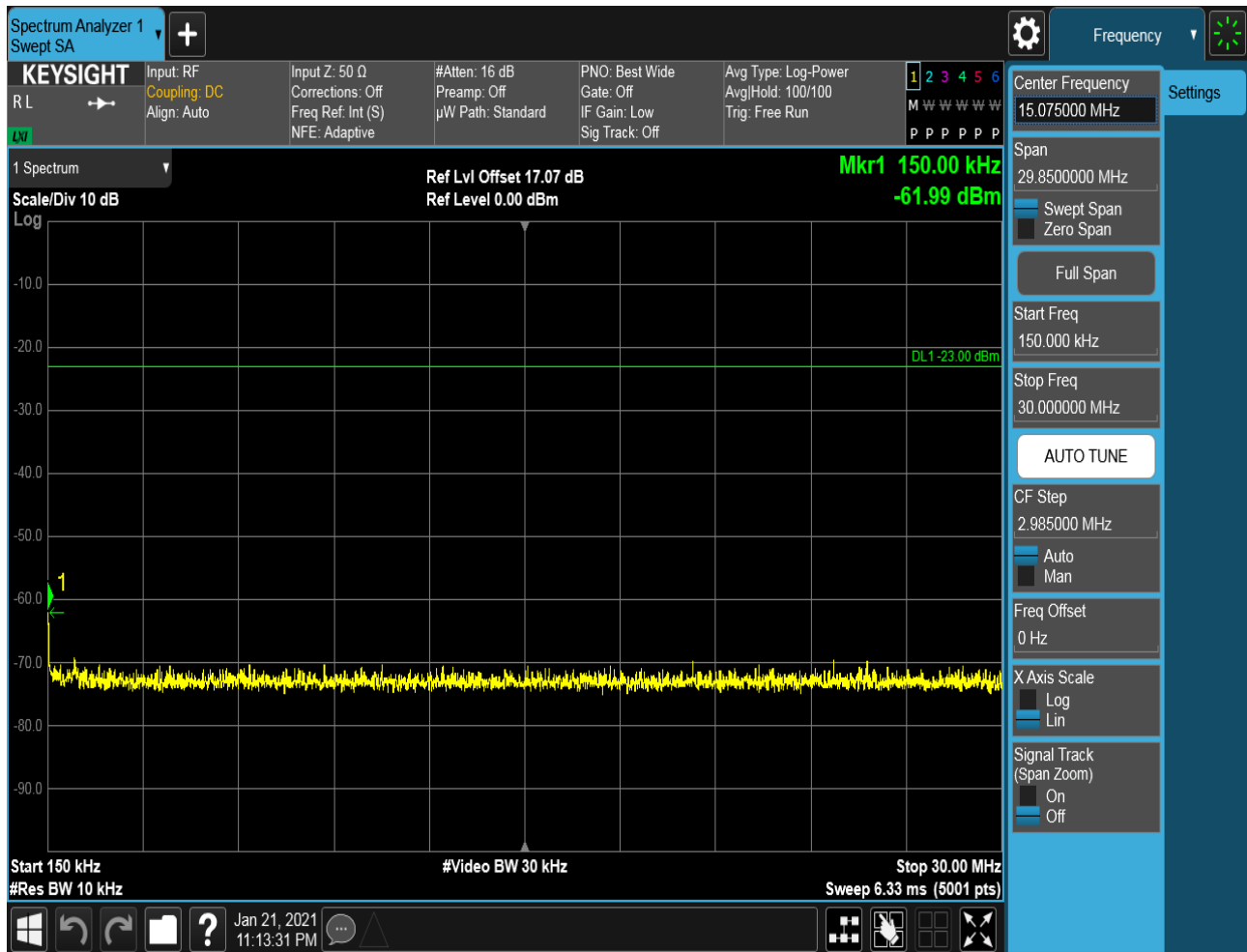


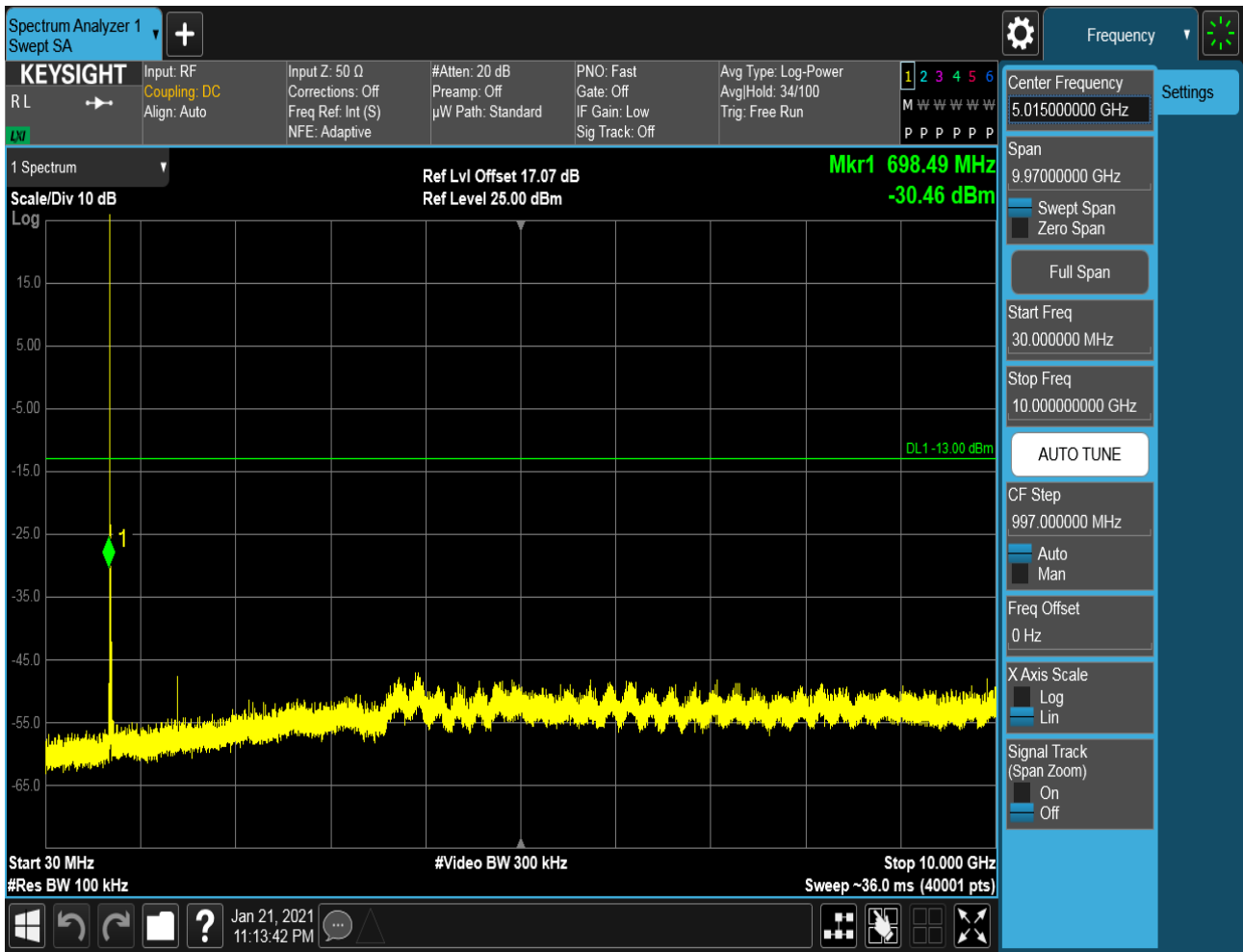


6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0

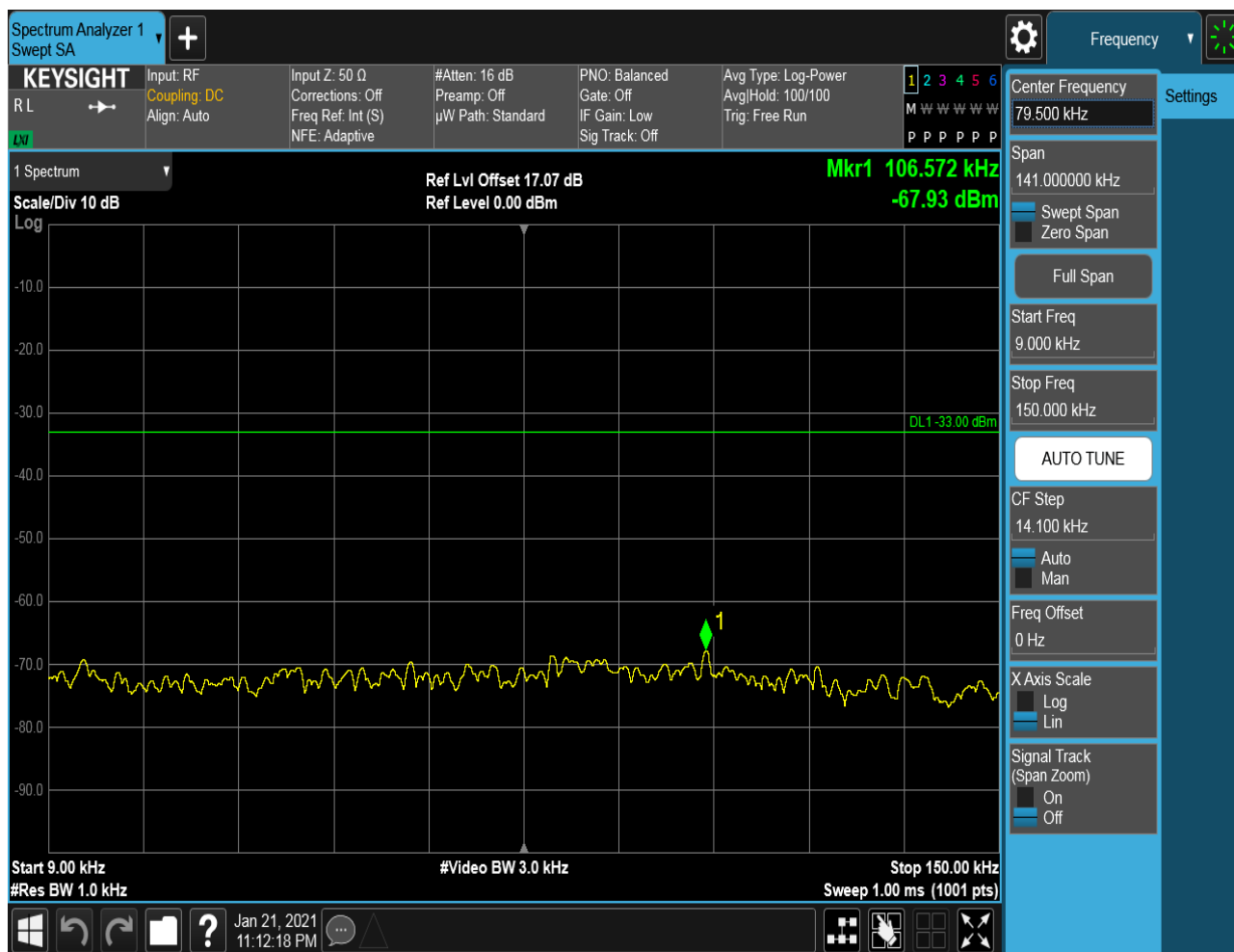


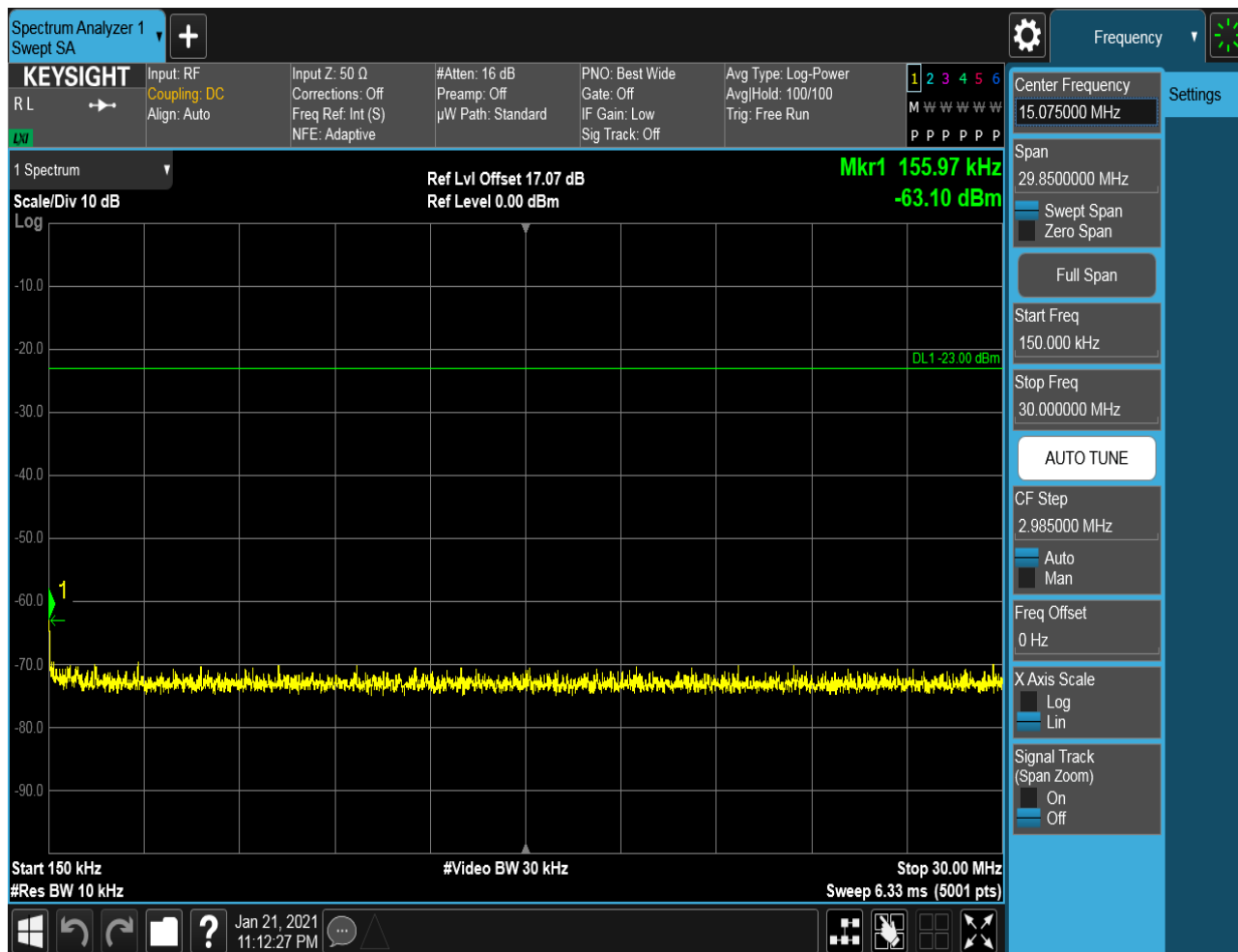


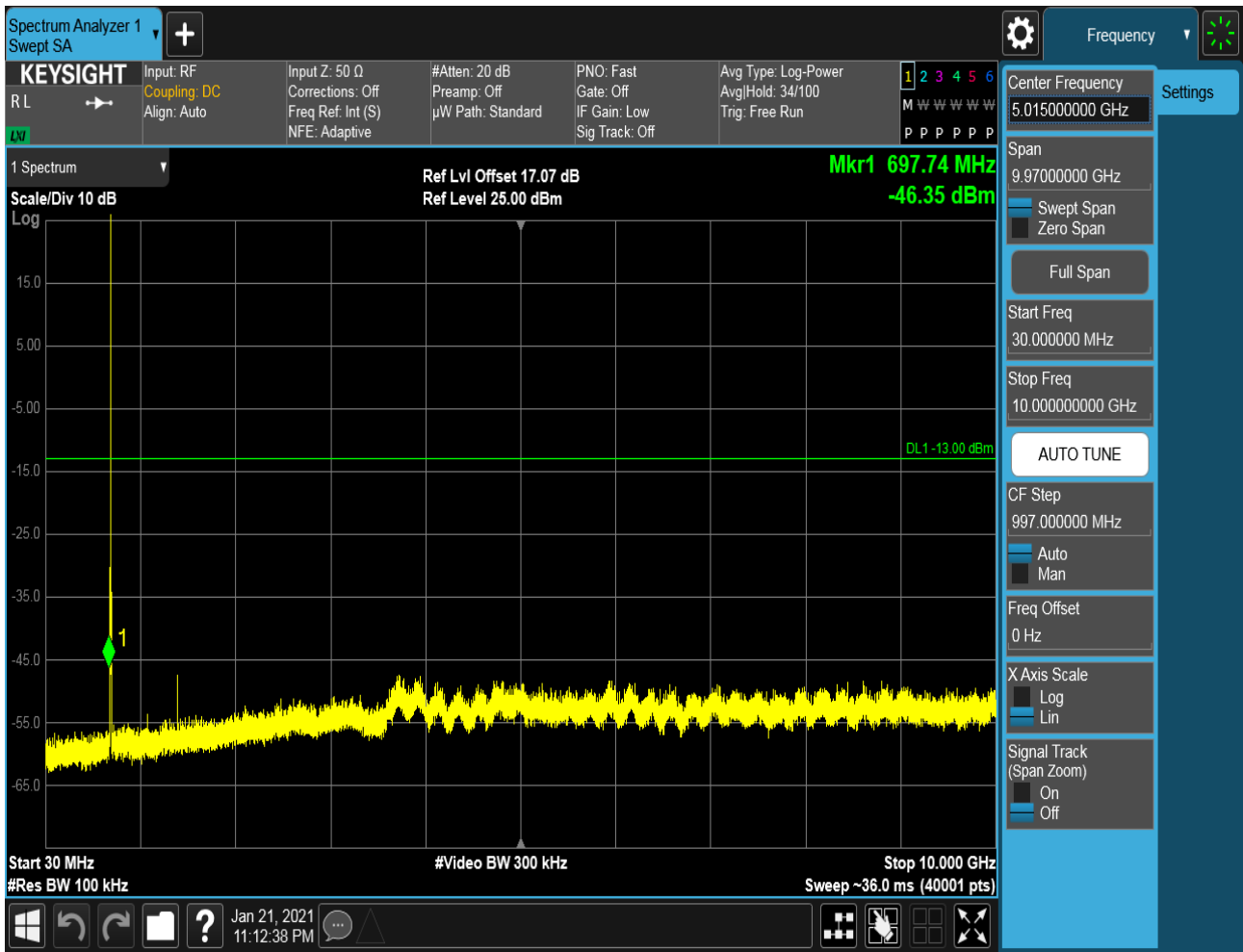


6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0





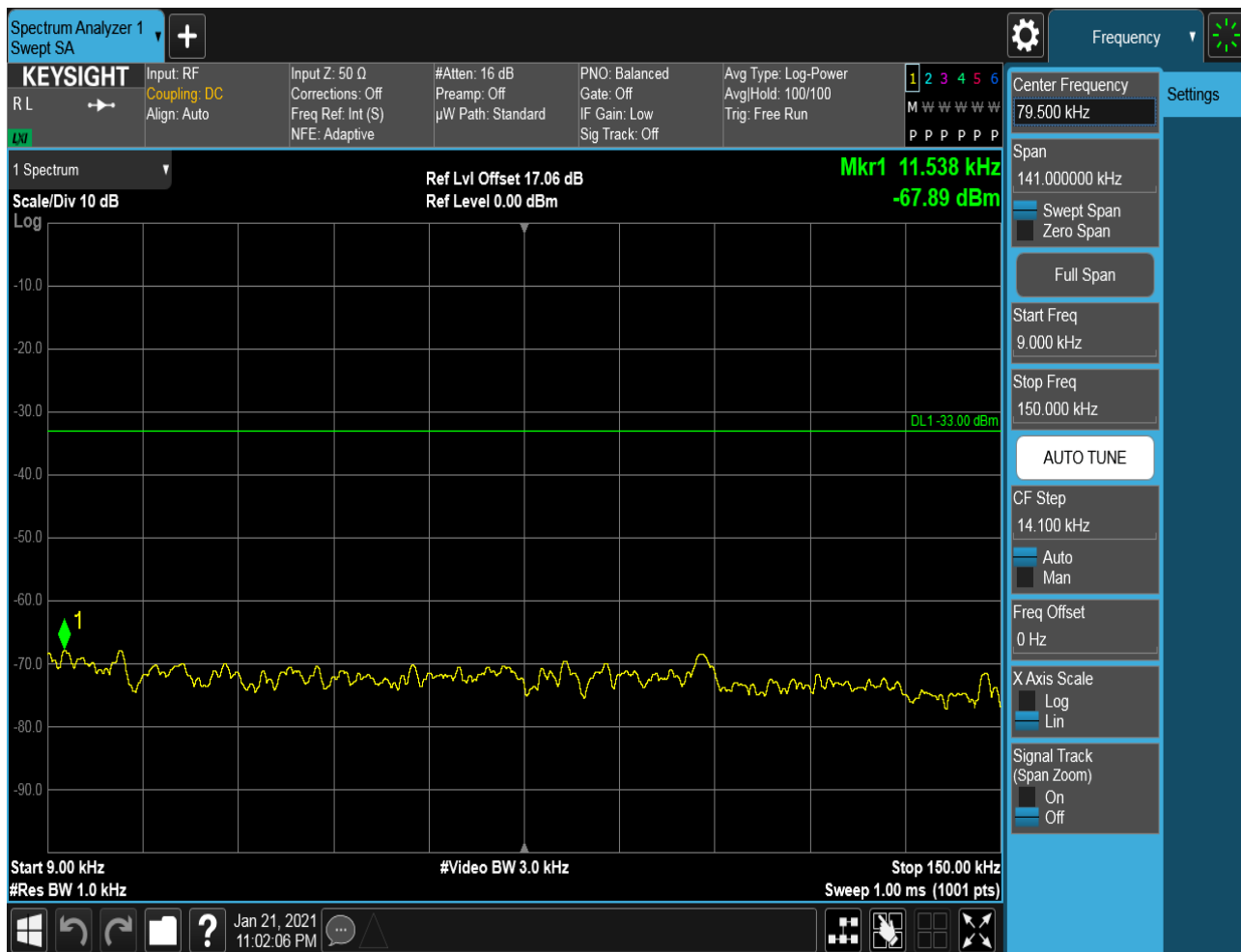


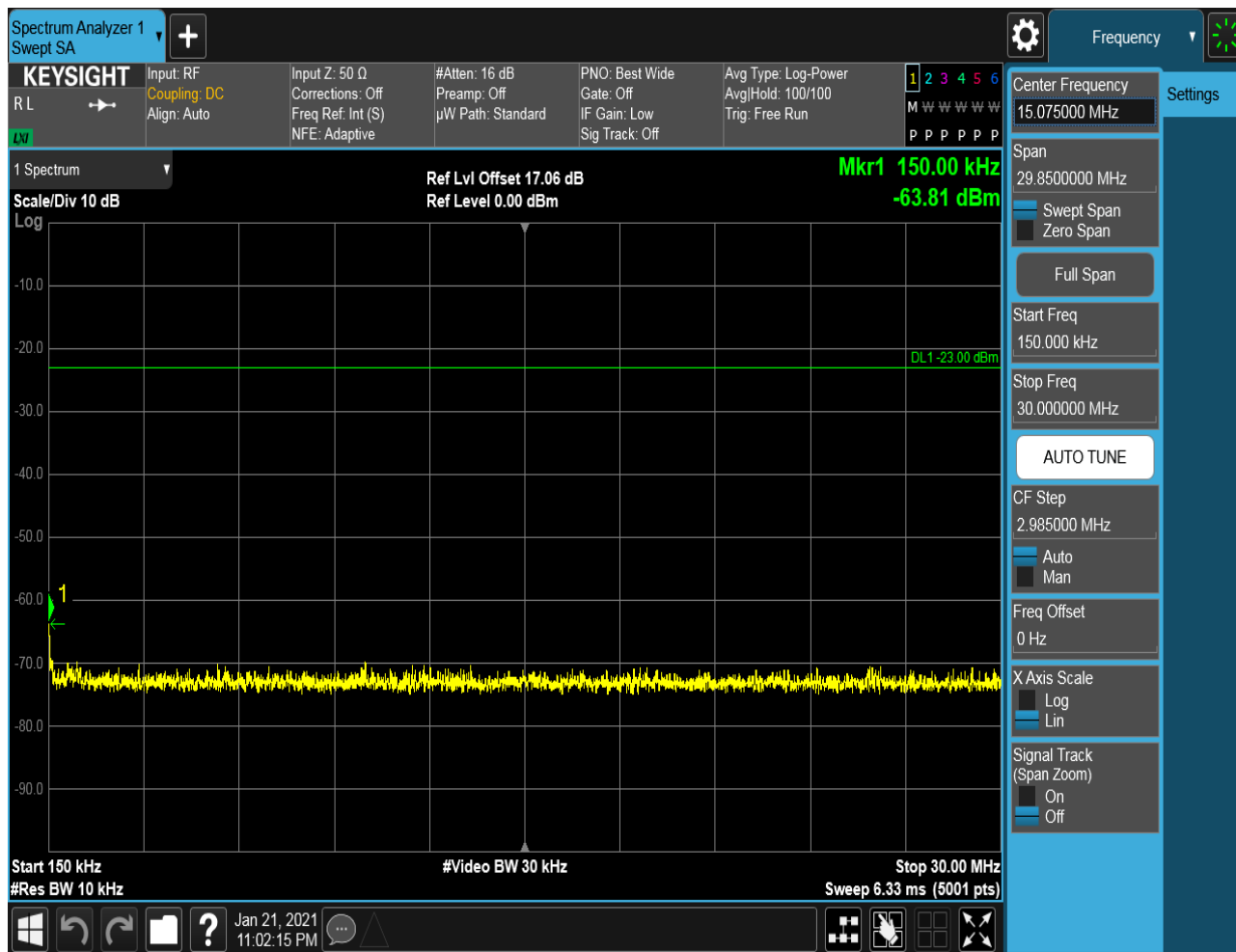
6.2.1.2 Test Mode = LTE/TM2

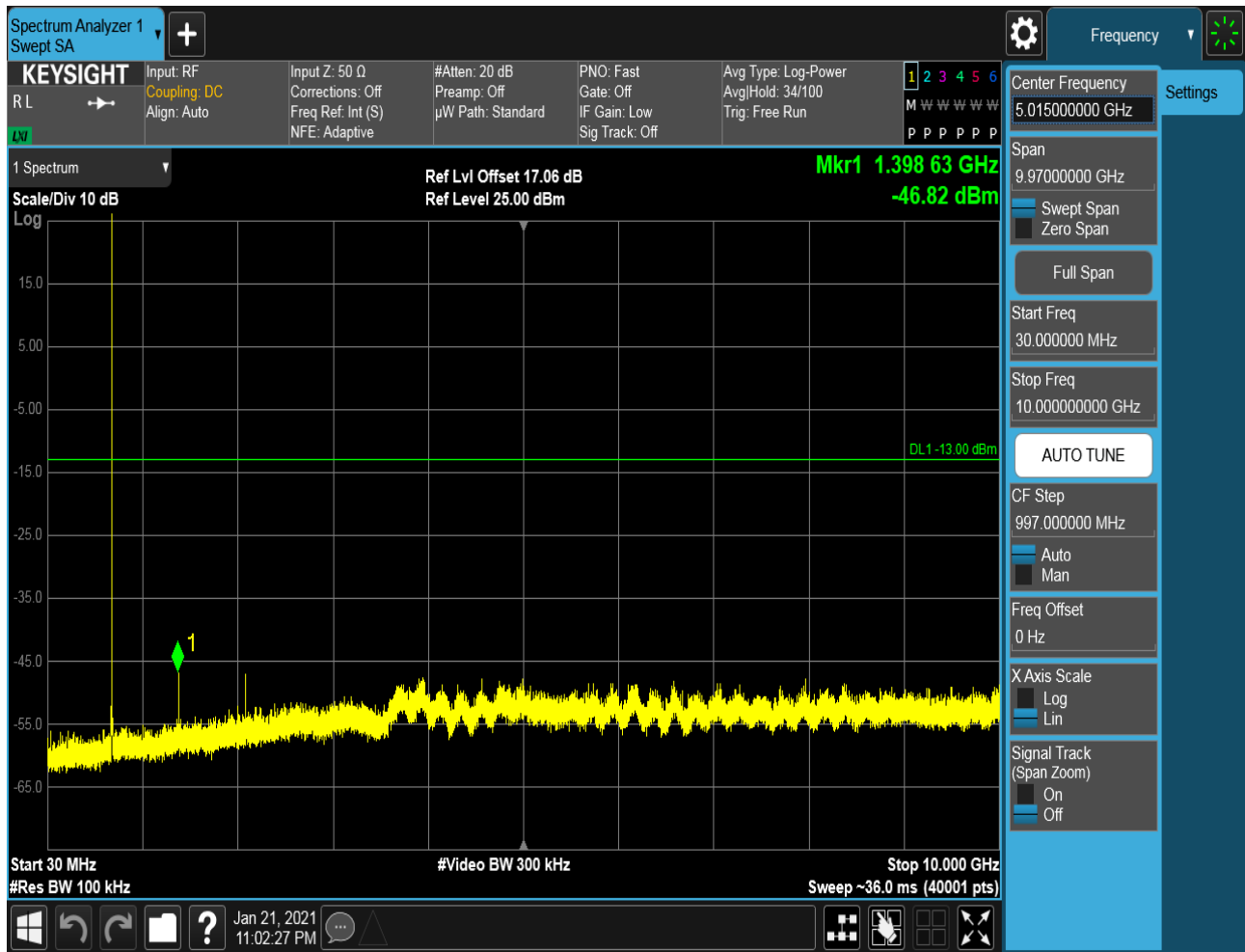
6.2.1.2.1 Test Bandwidth = 1.4

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0

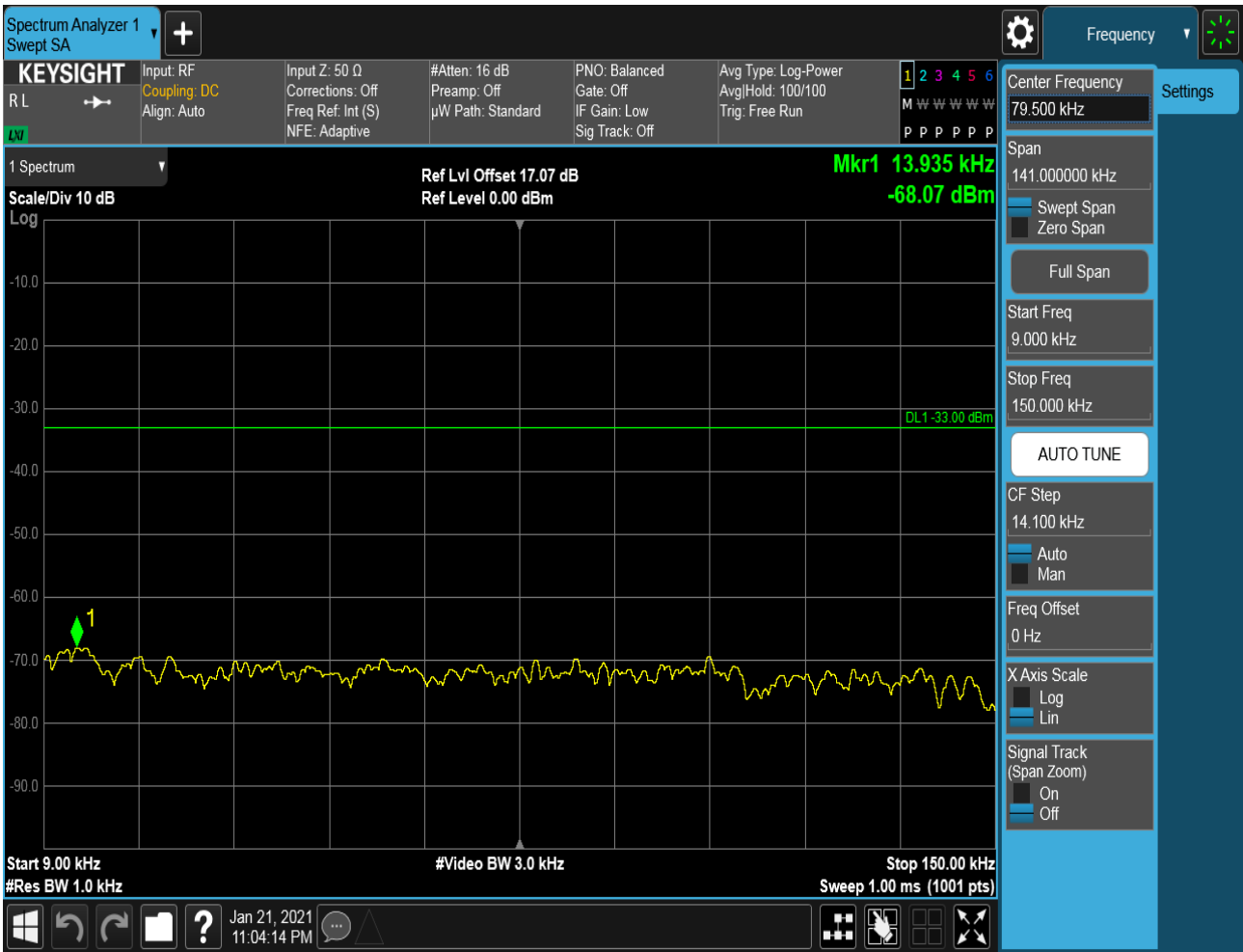


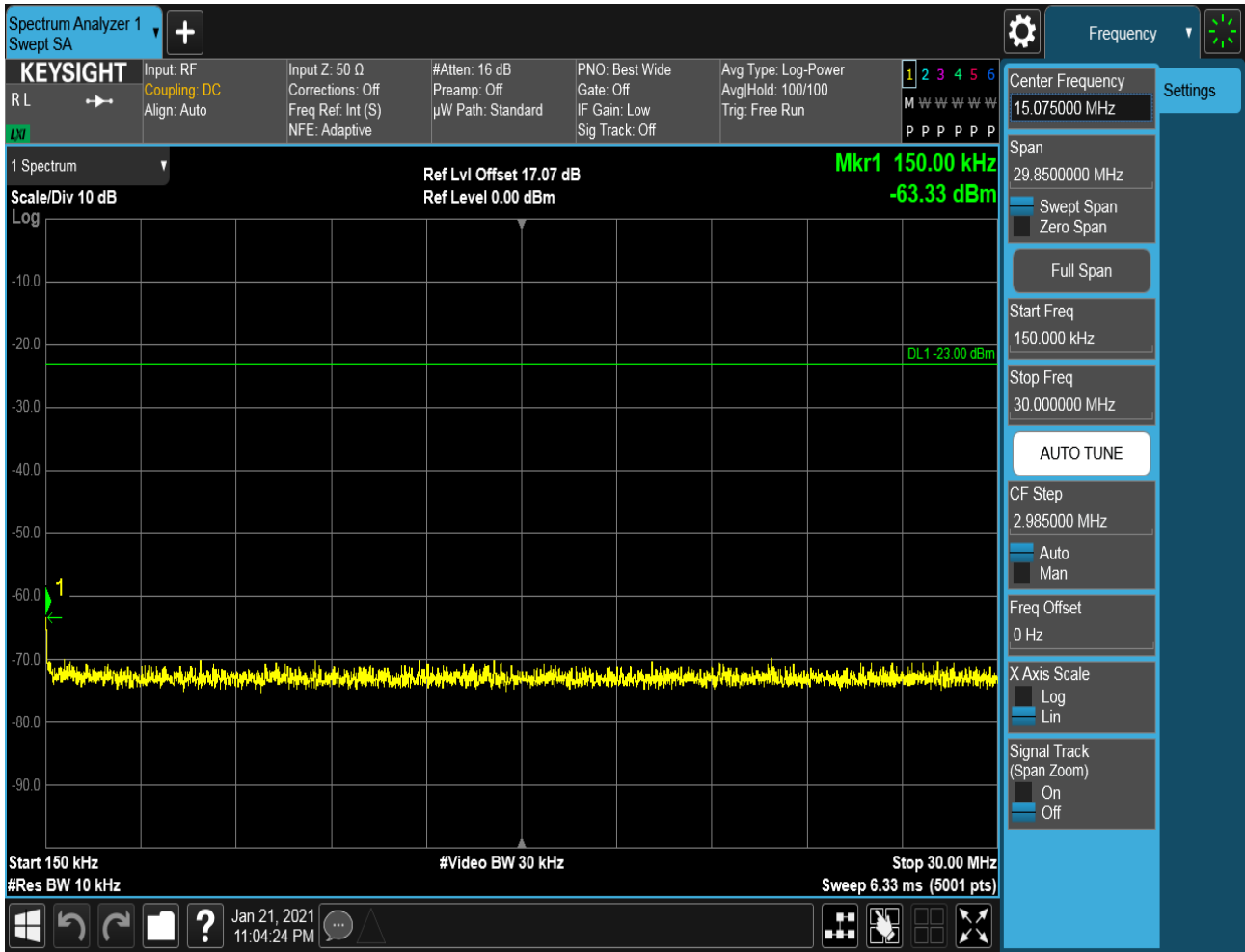


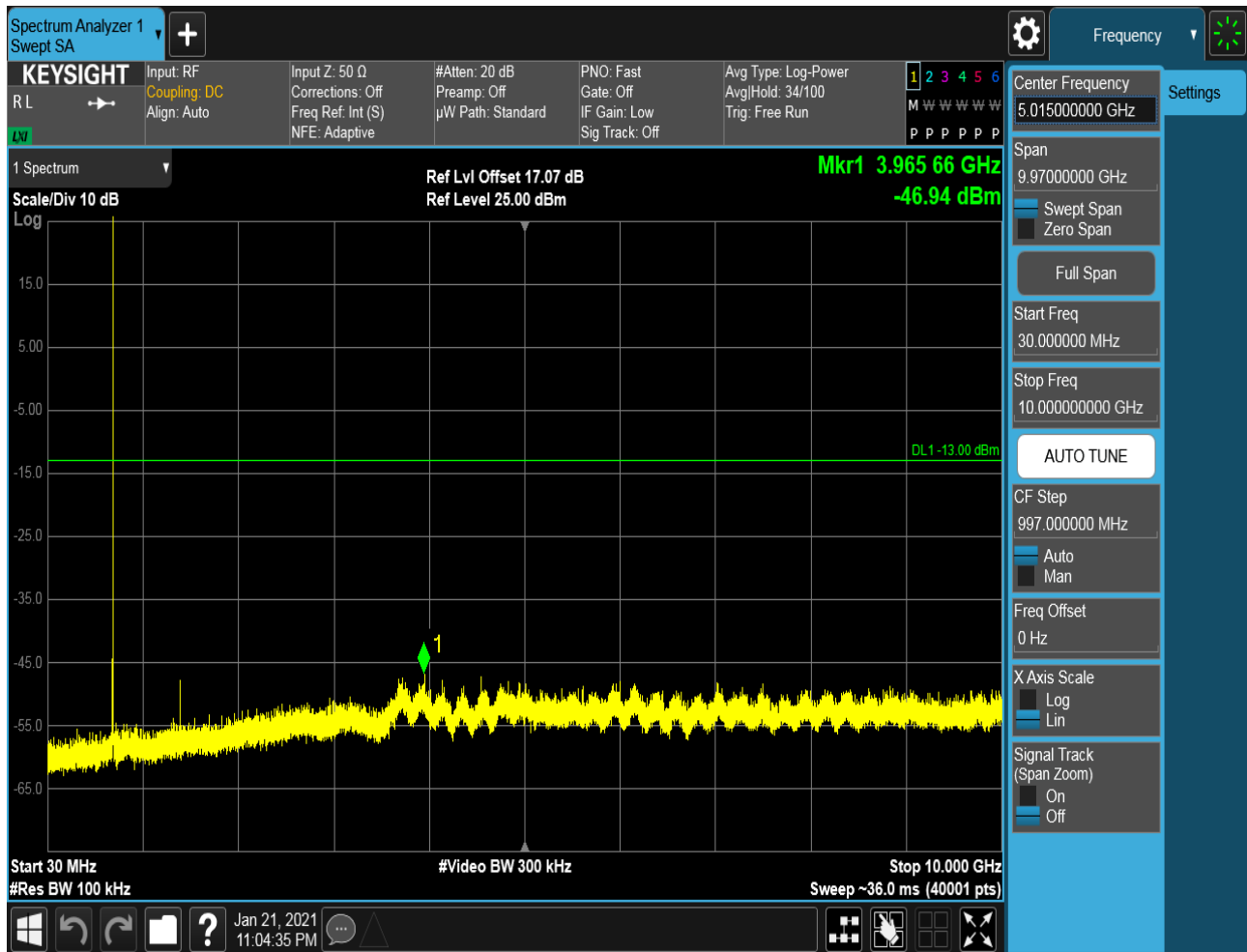


6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0

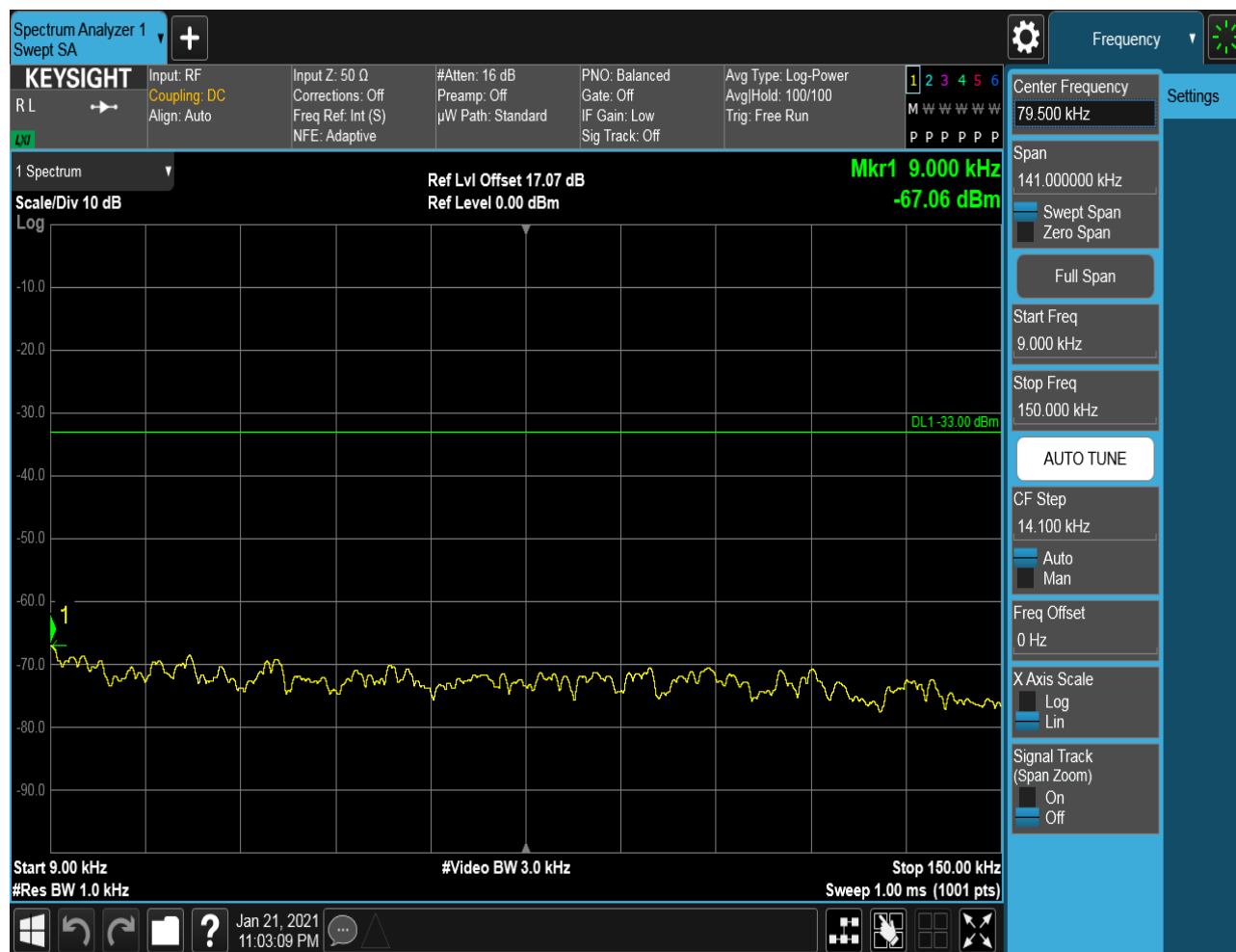


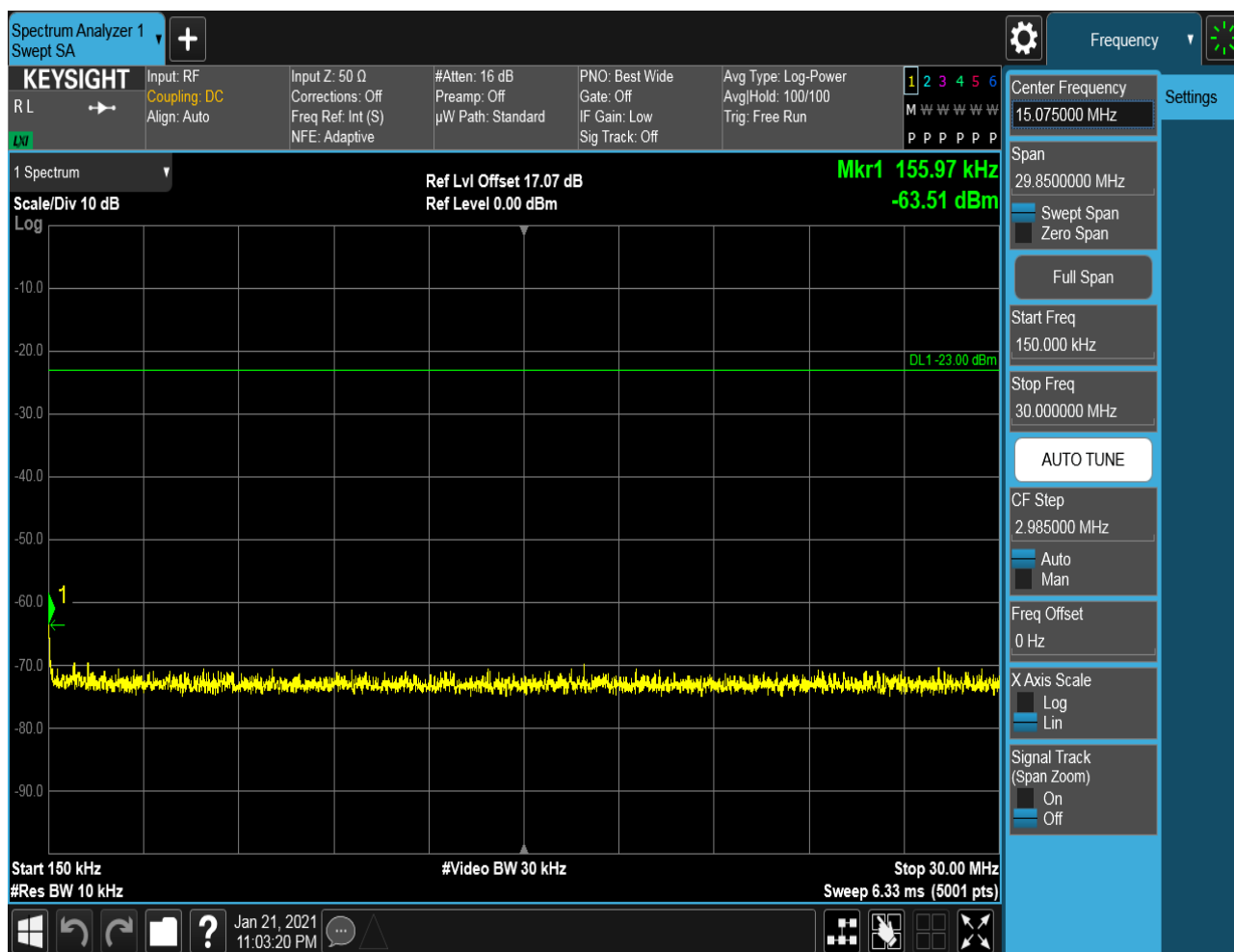


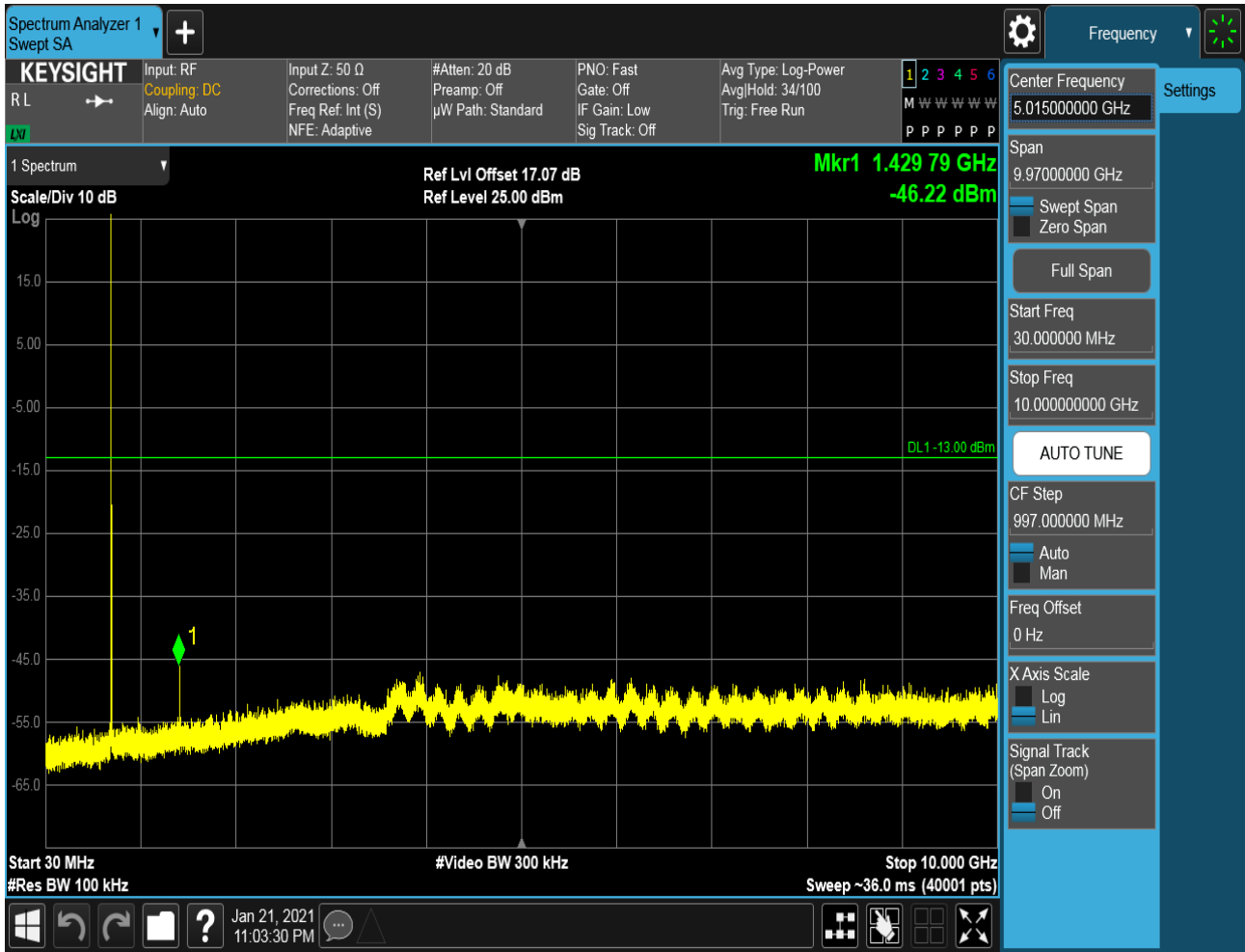


6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0



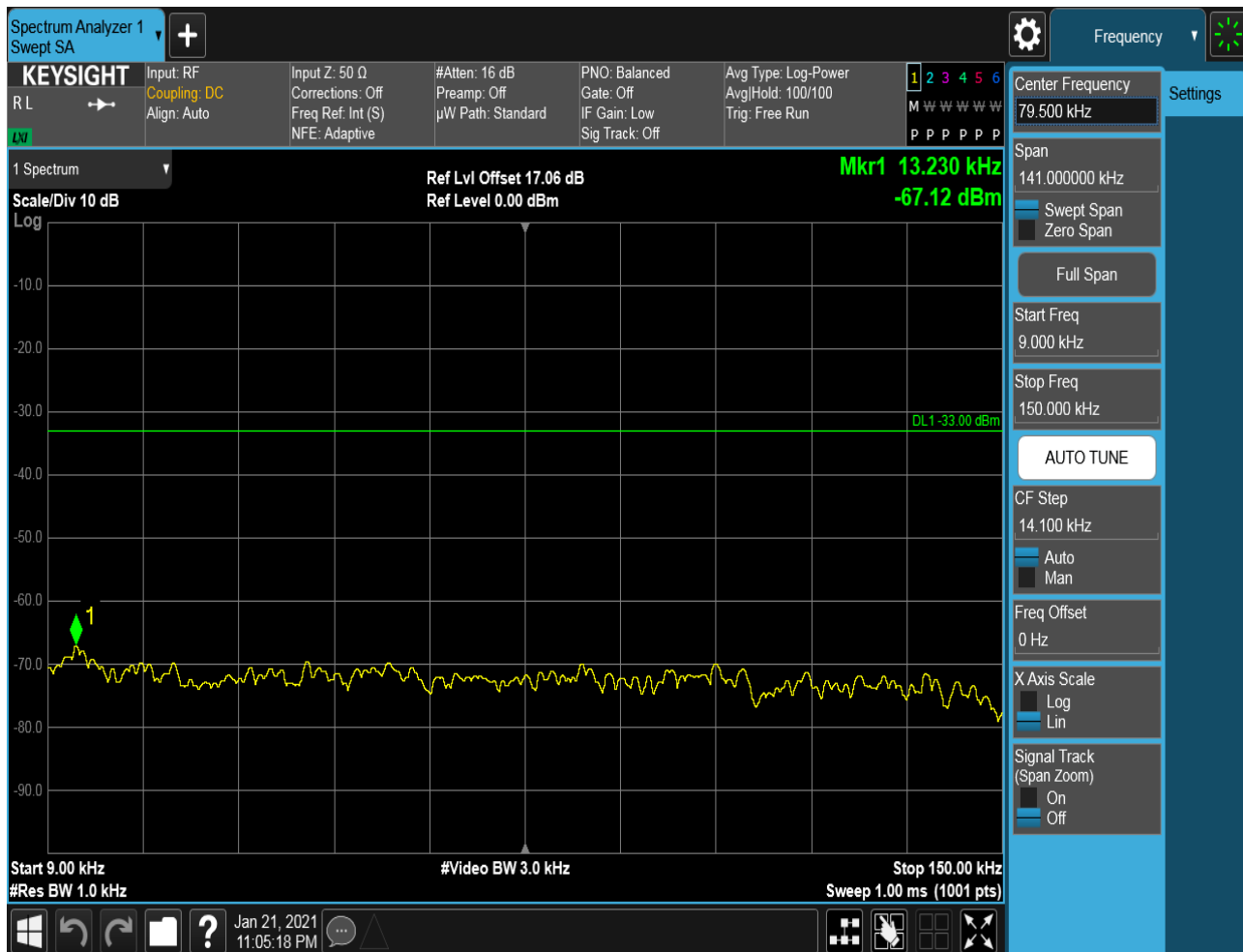


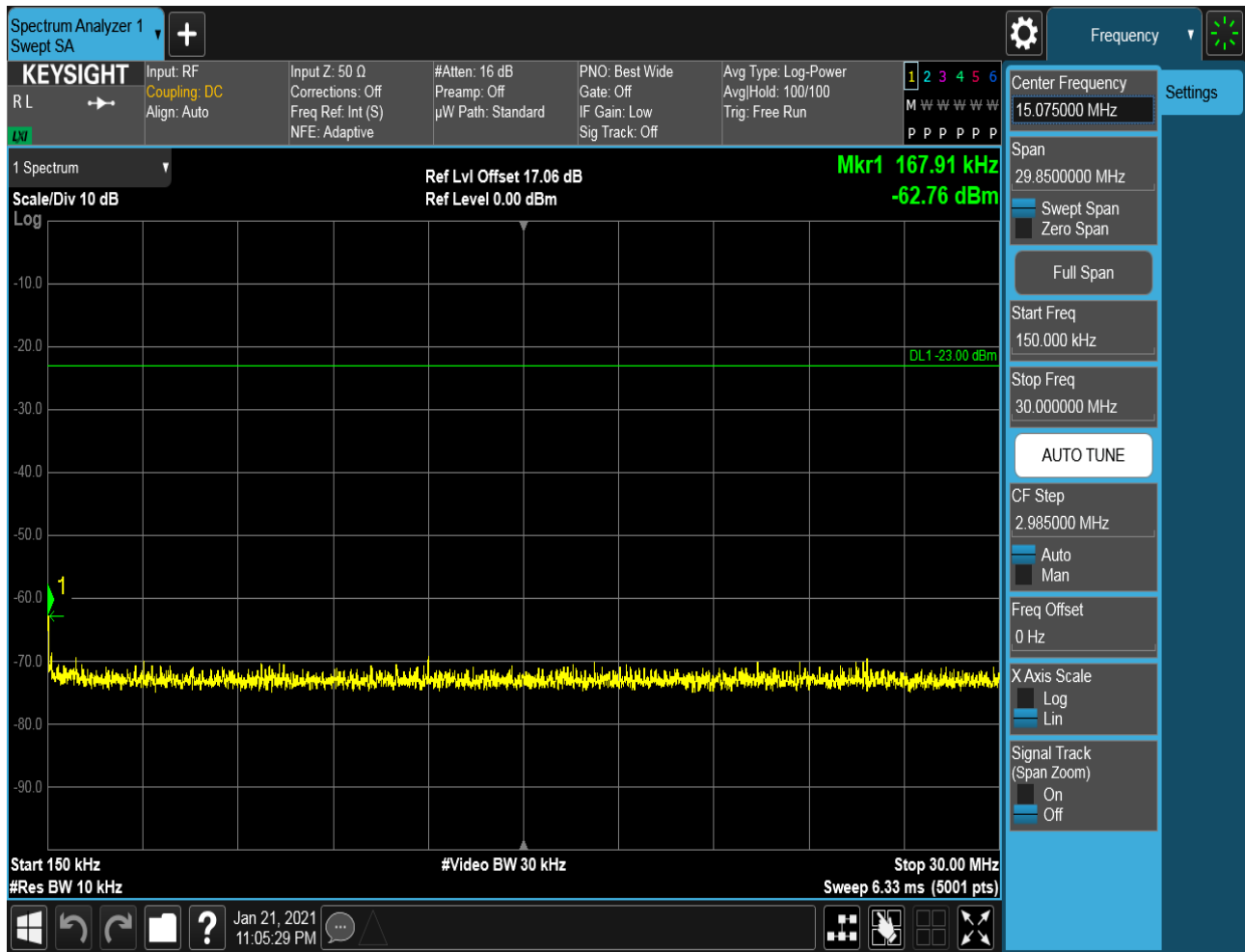


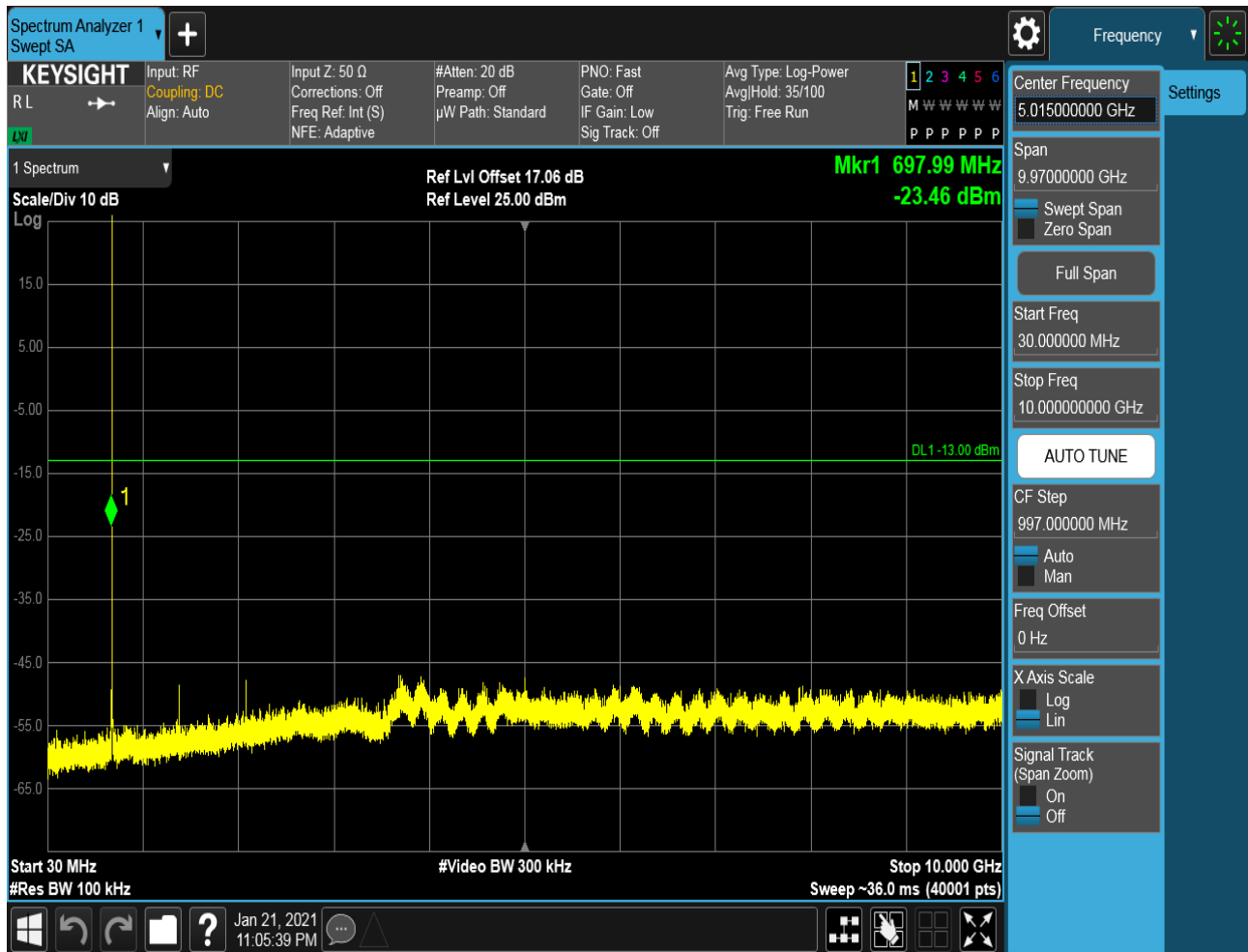
6.2.1.2.2 Test Bandwidth = 3

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0

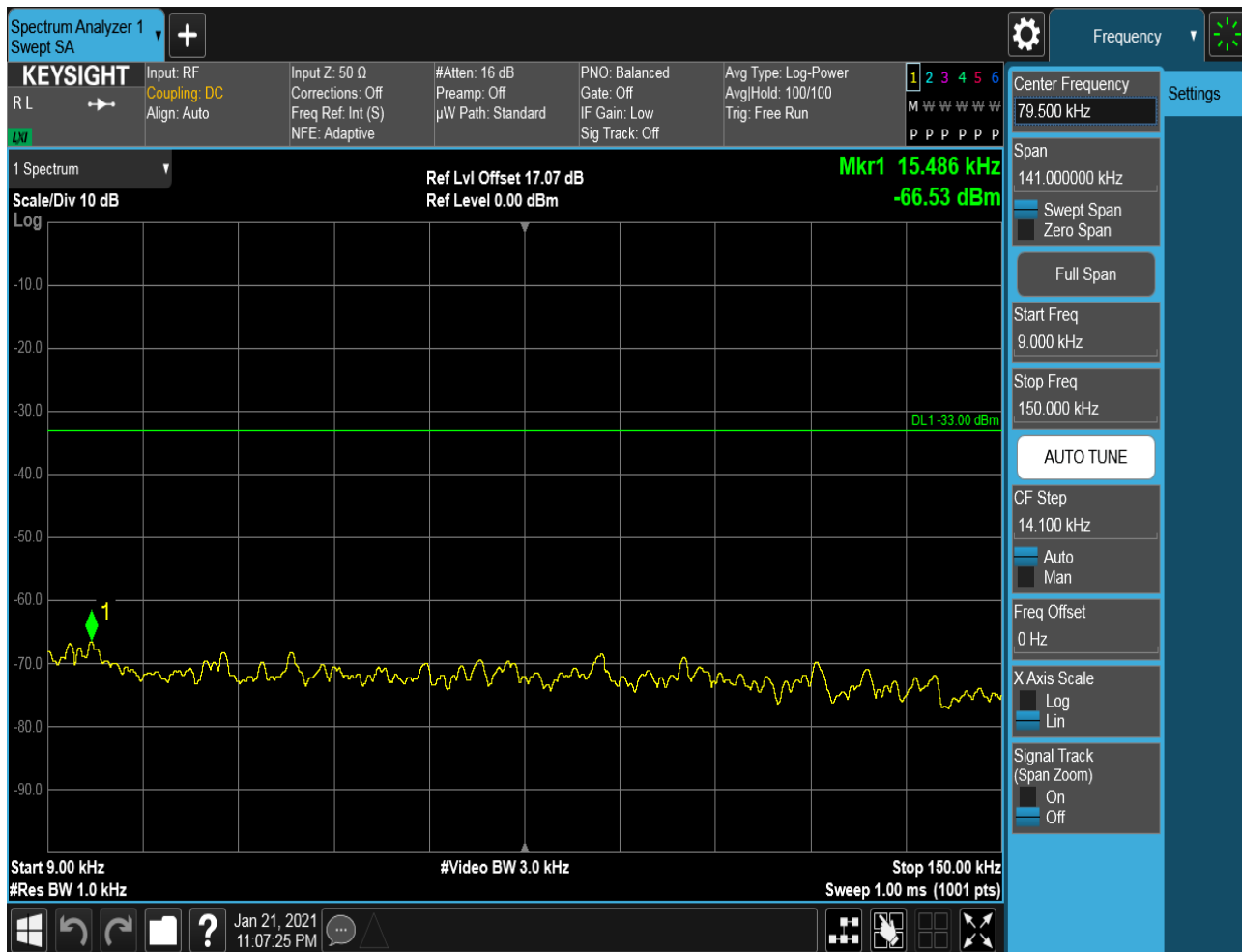


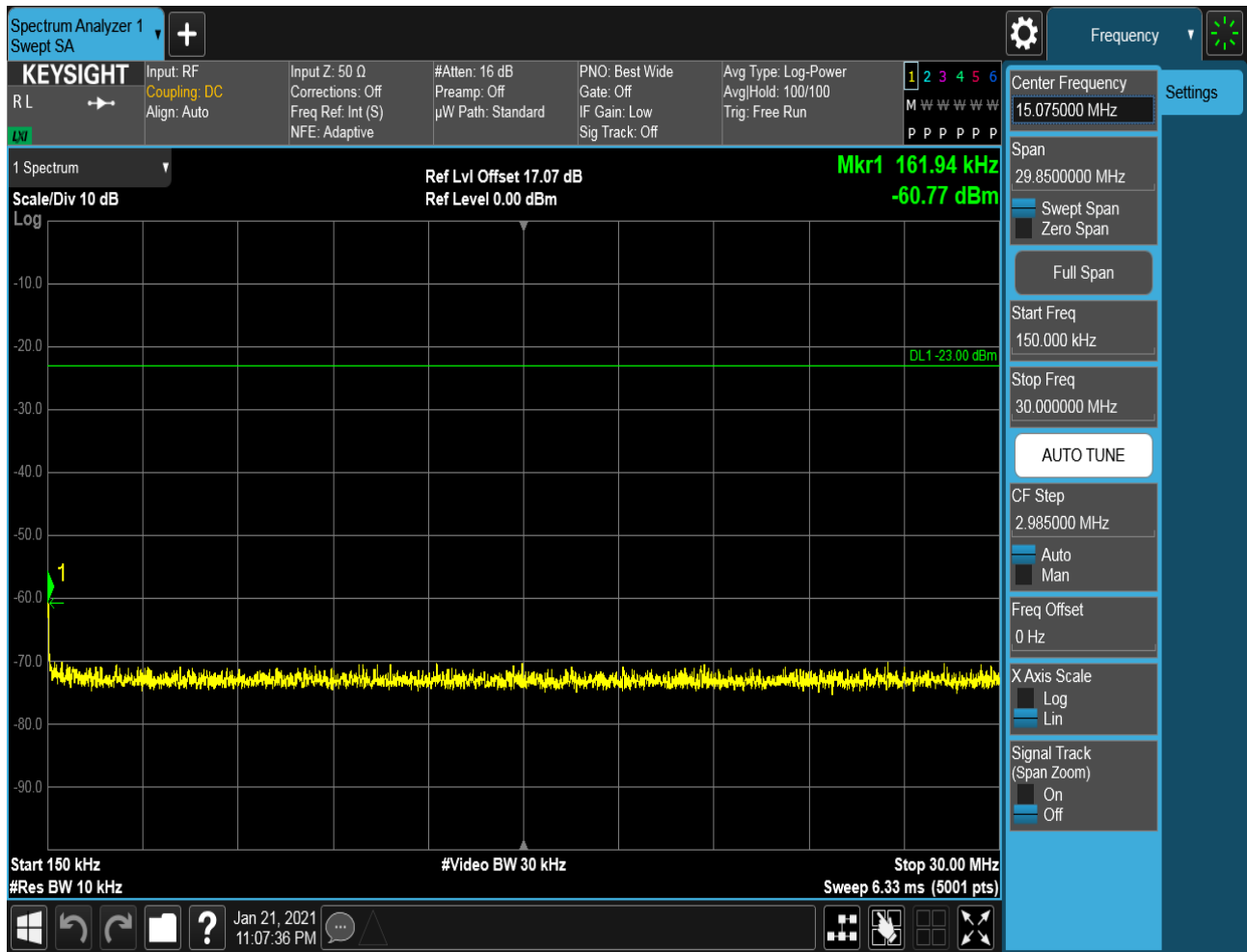


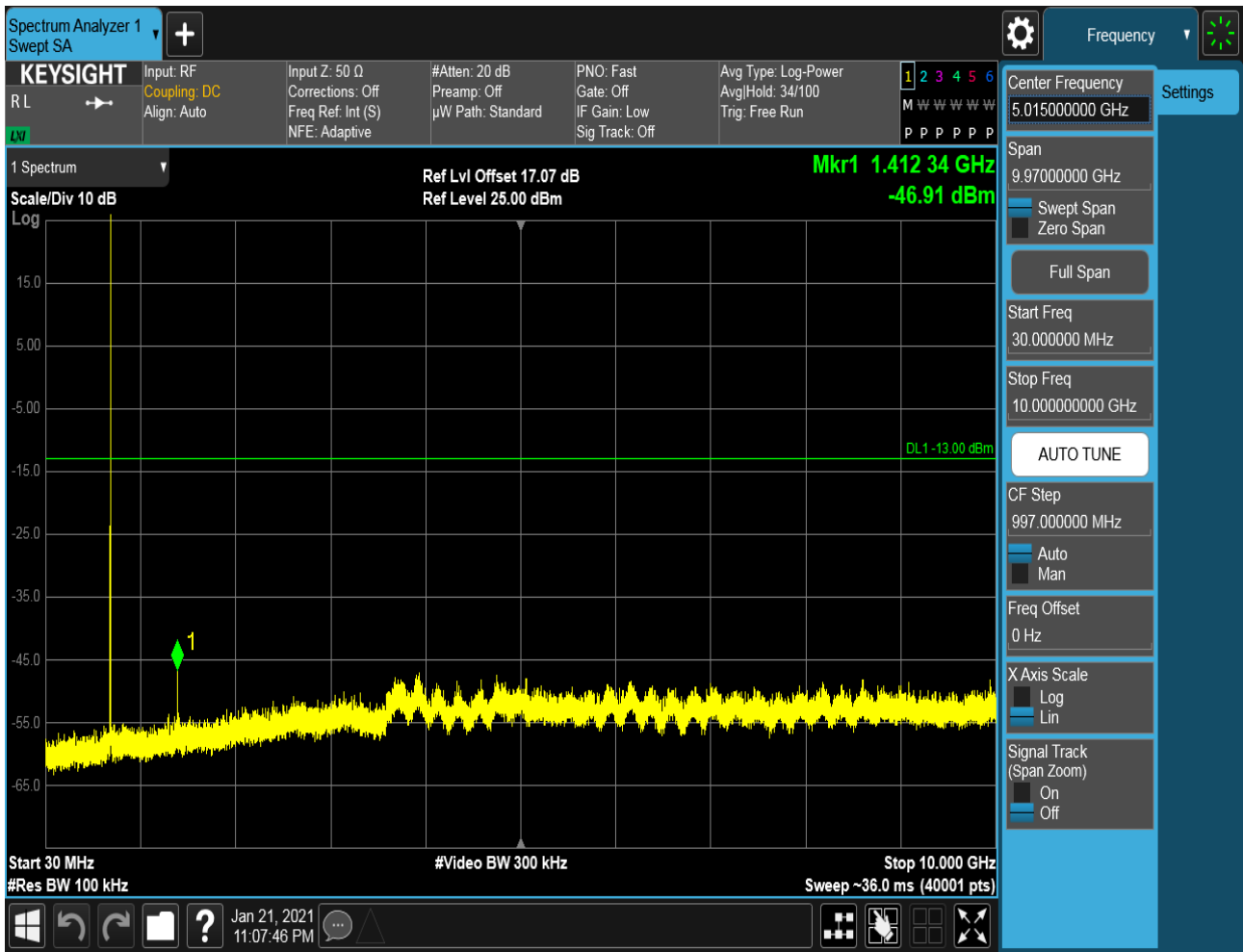


6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0

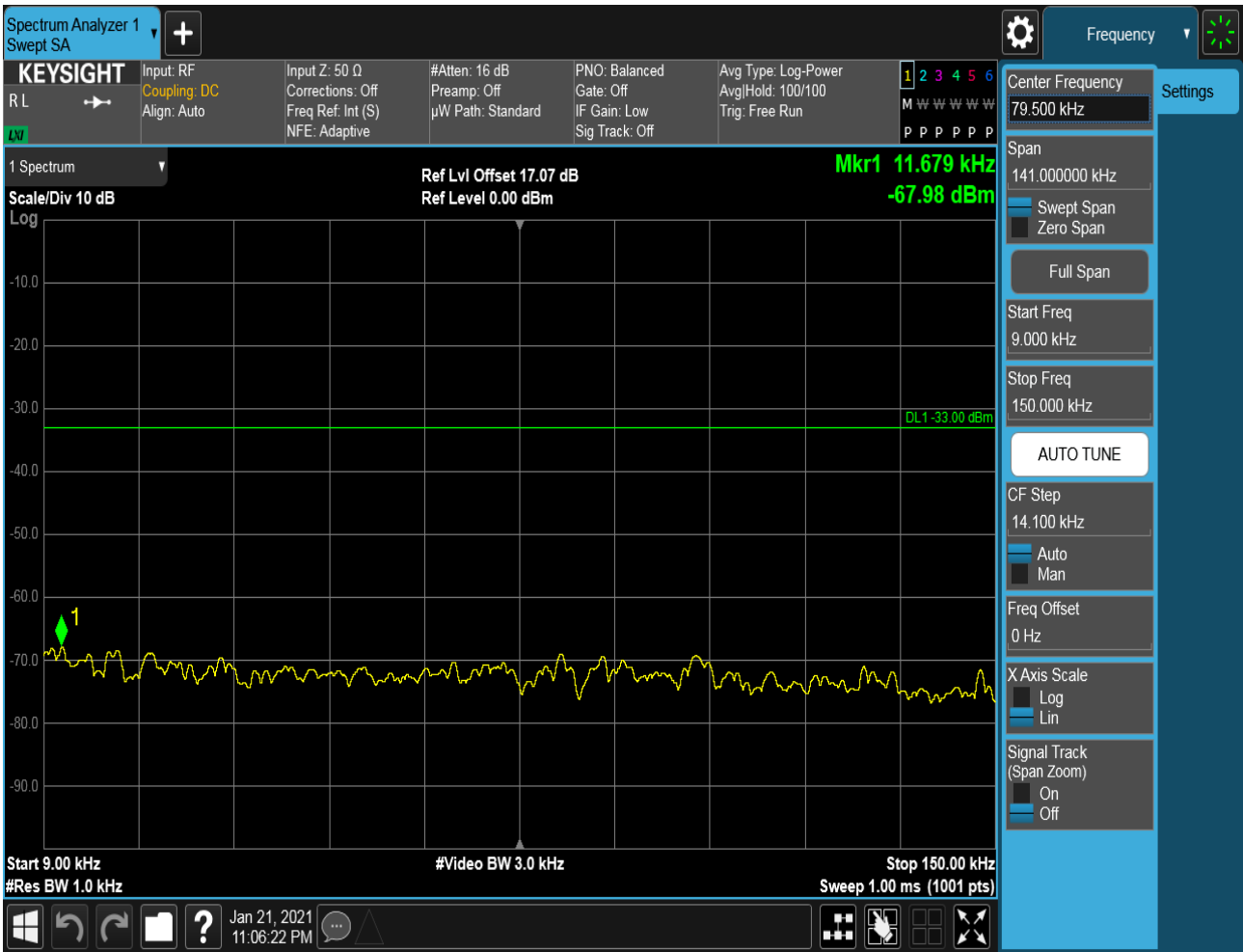


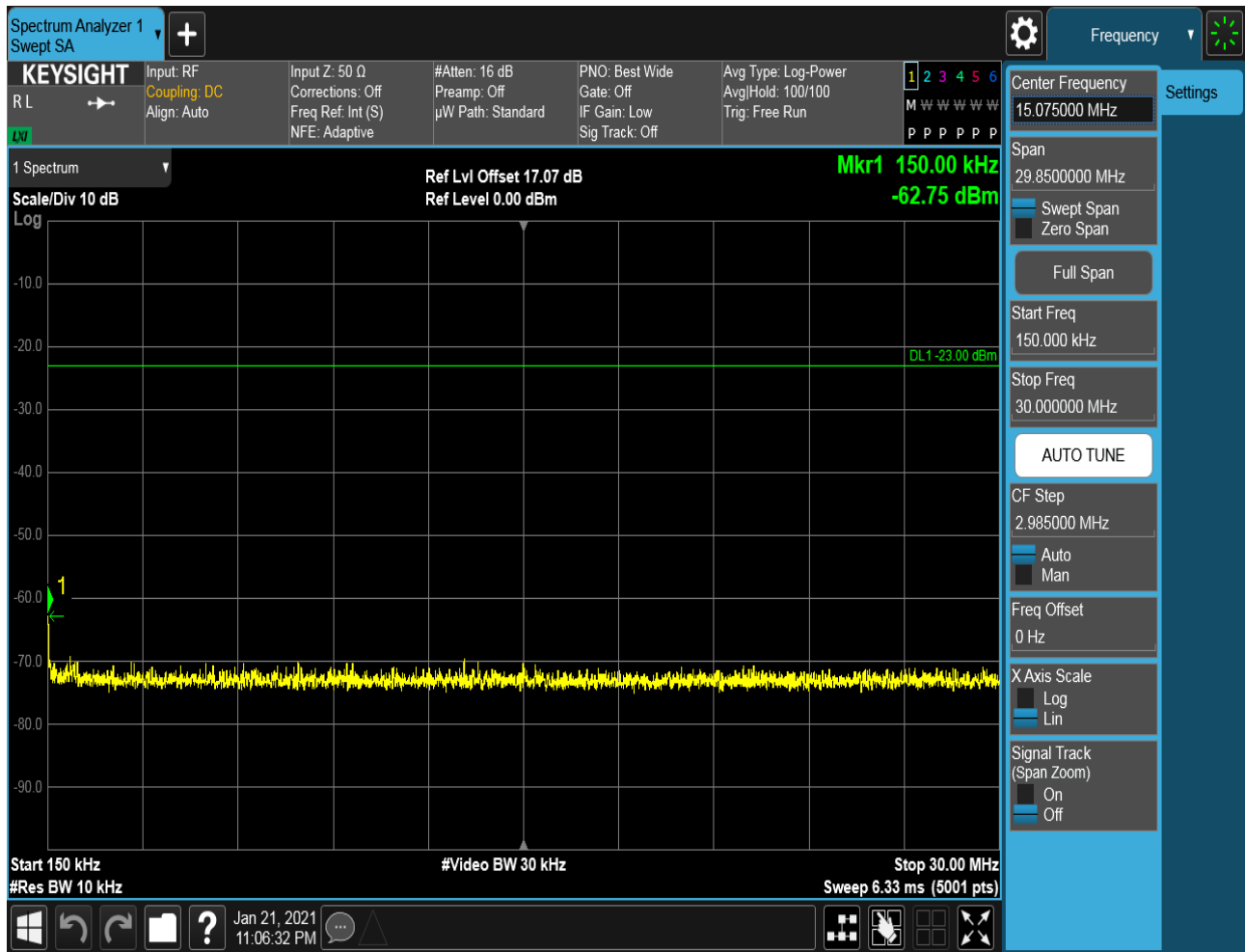


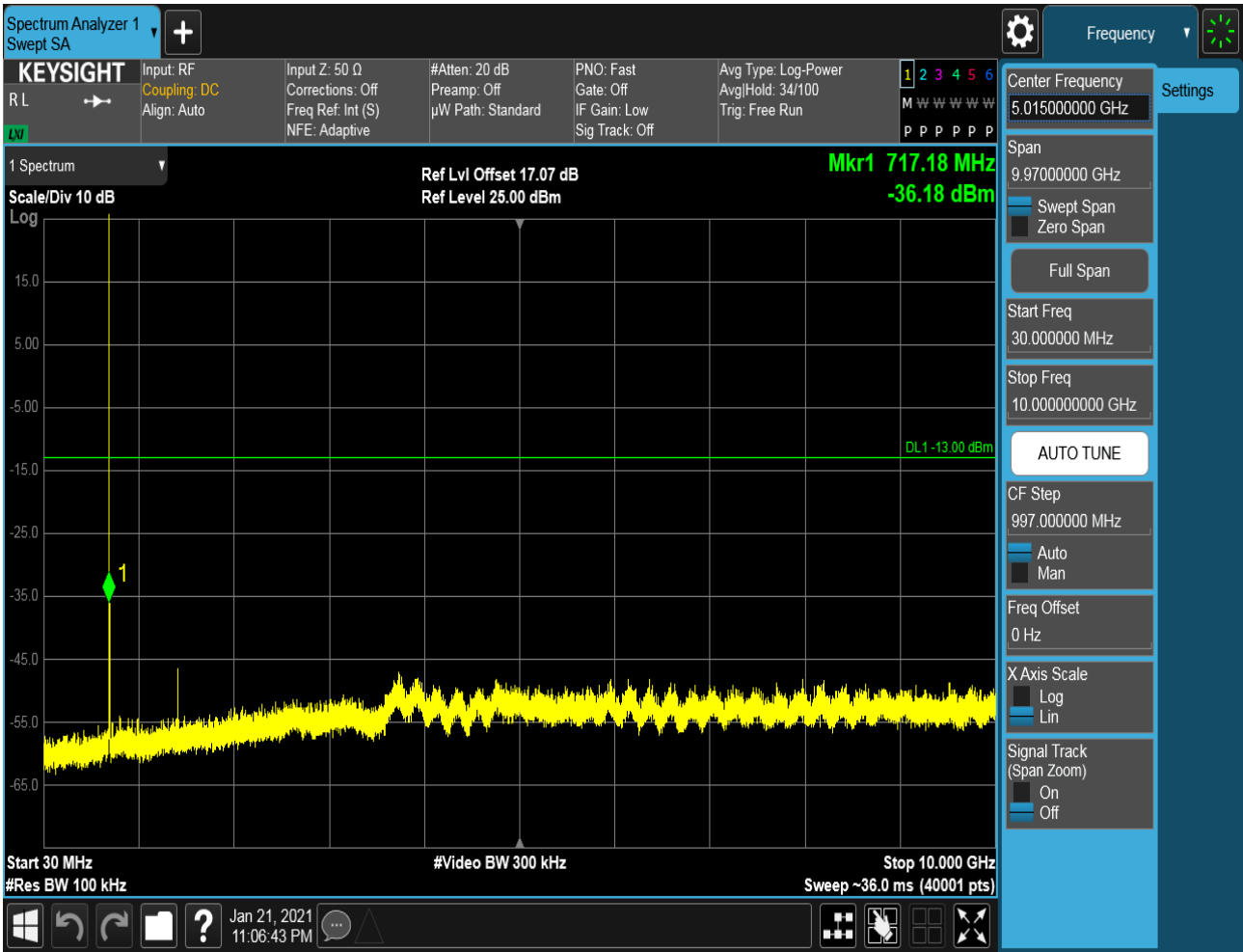


6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0



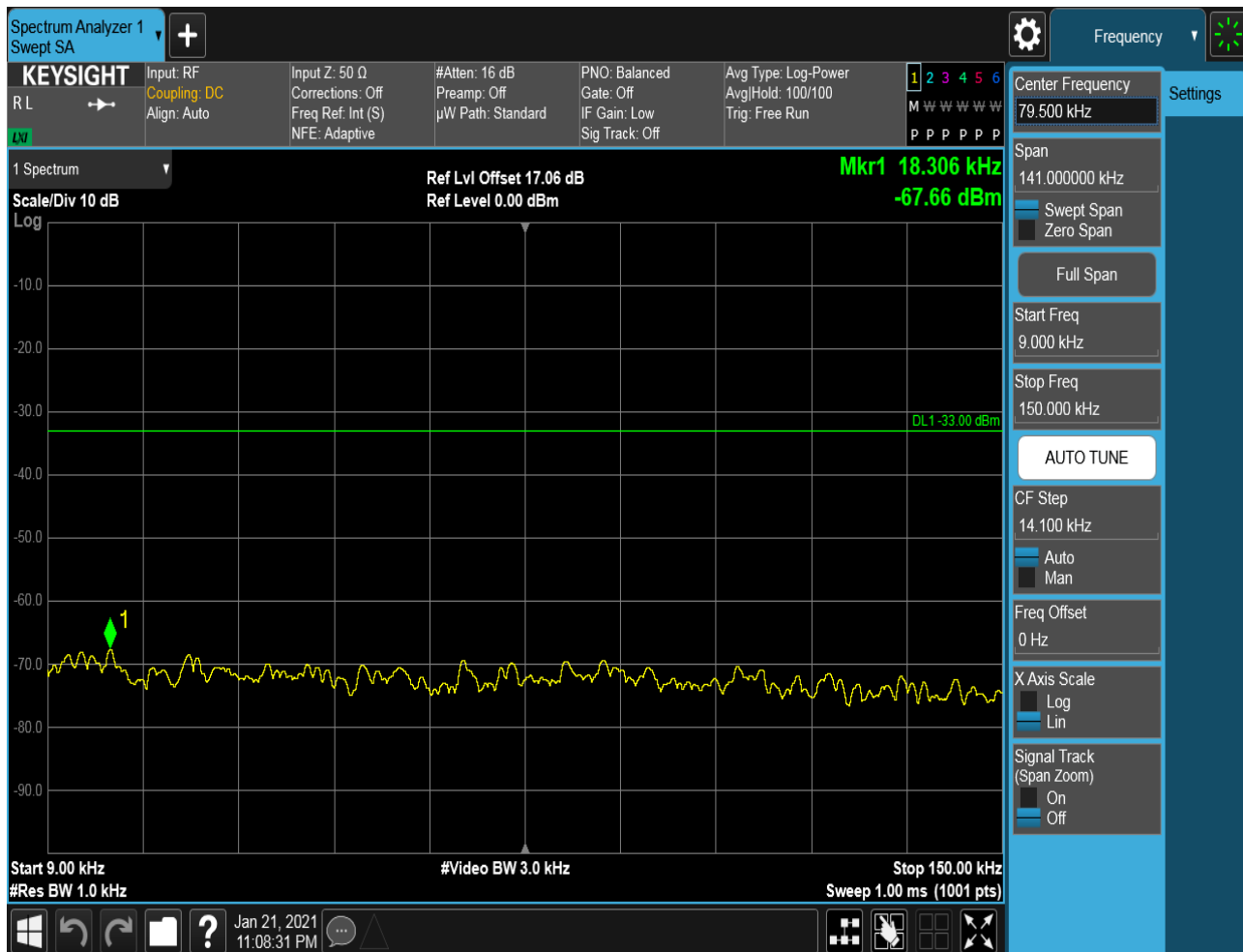


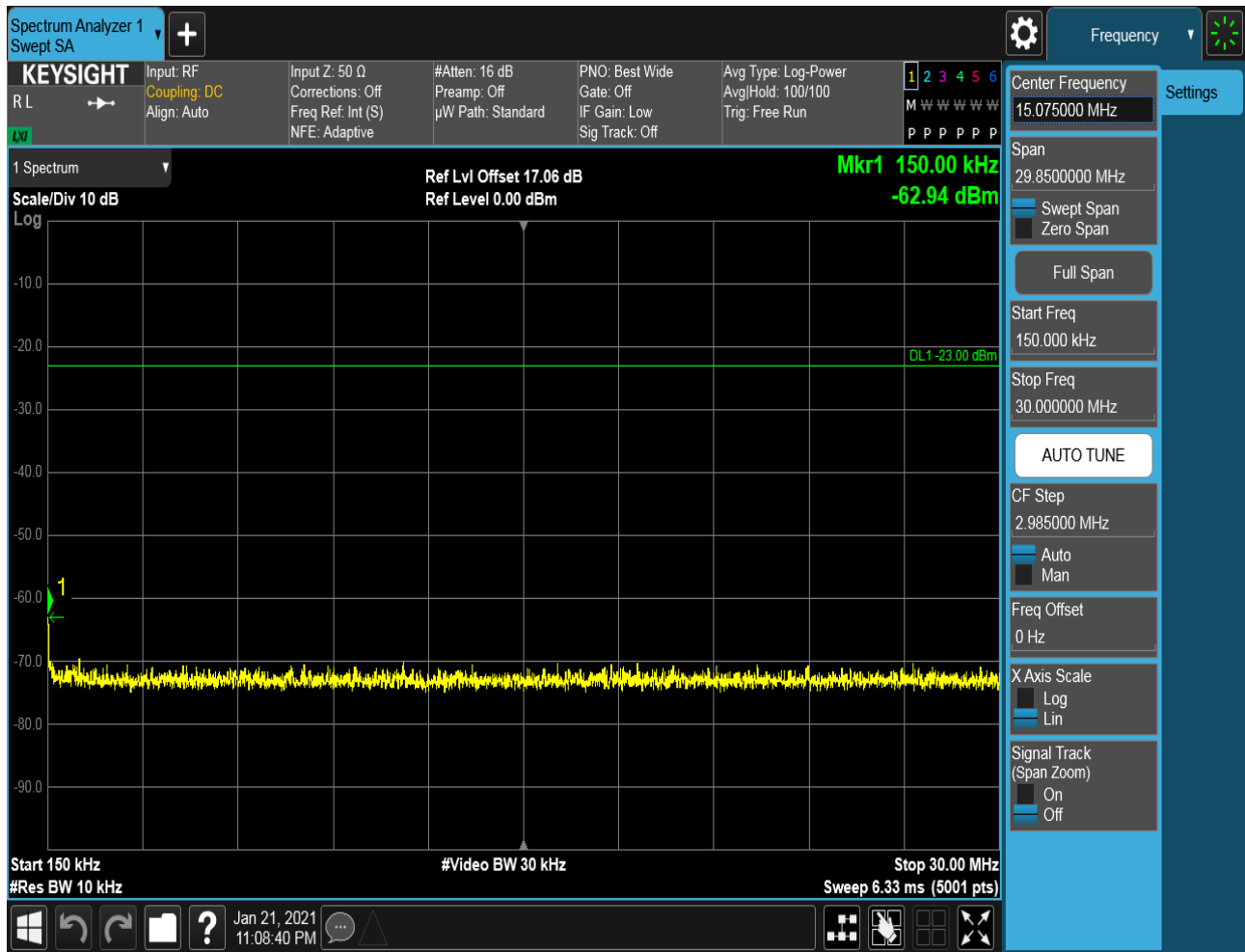


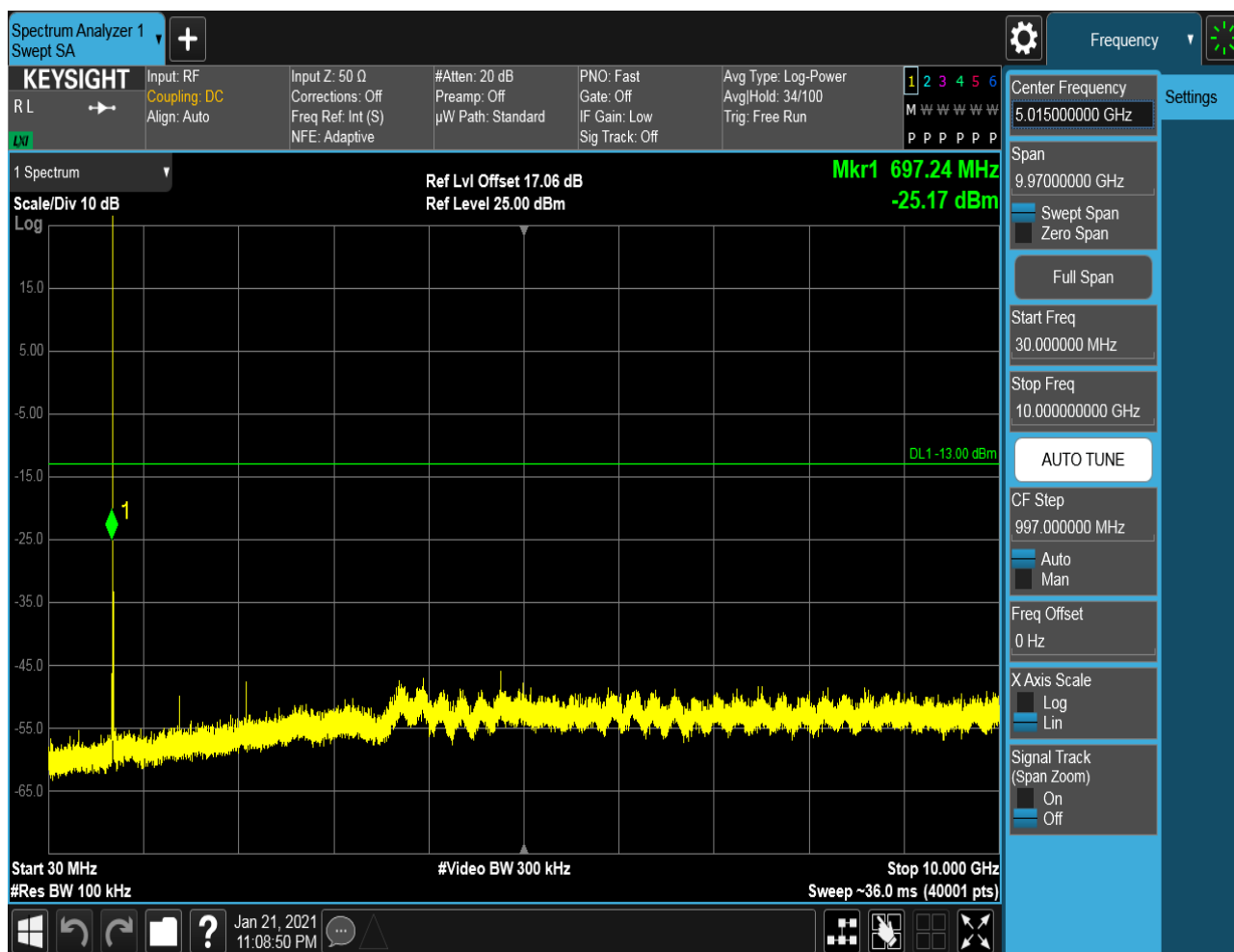
6.2.1.2.3 Test Bandwidth = 5

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0

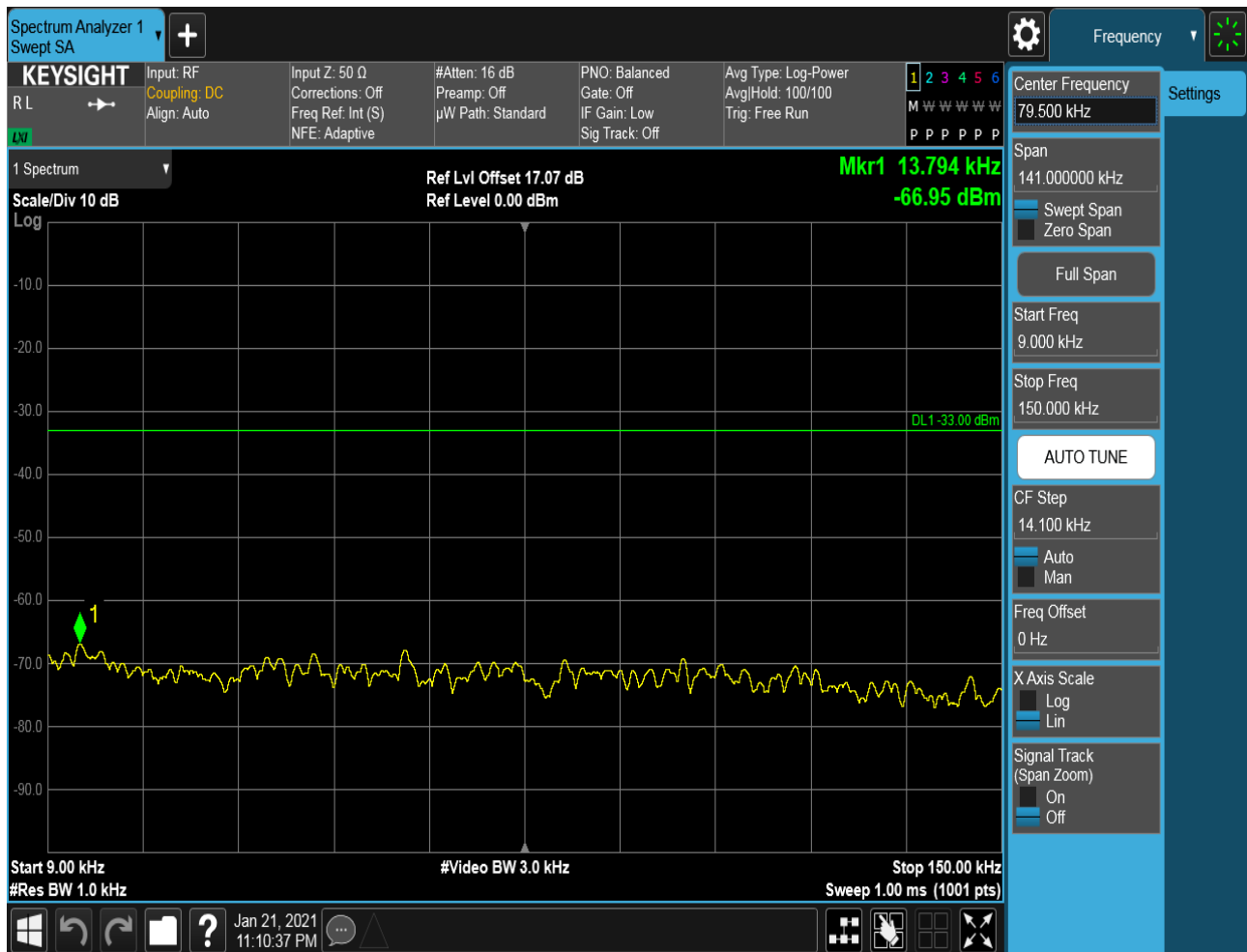


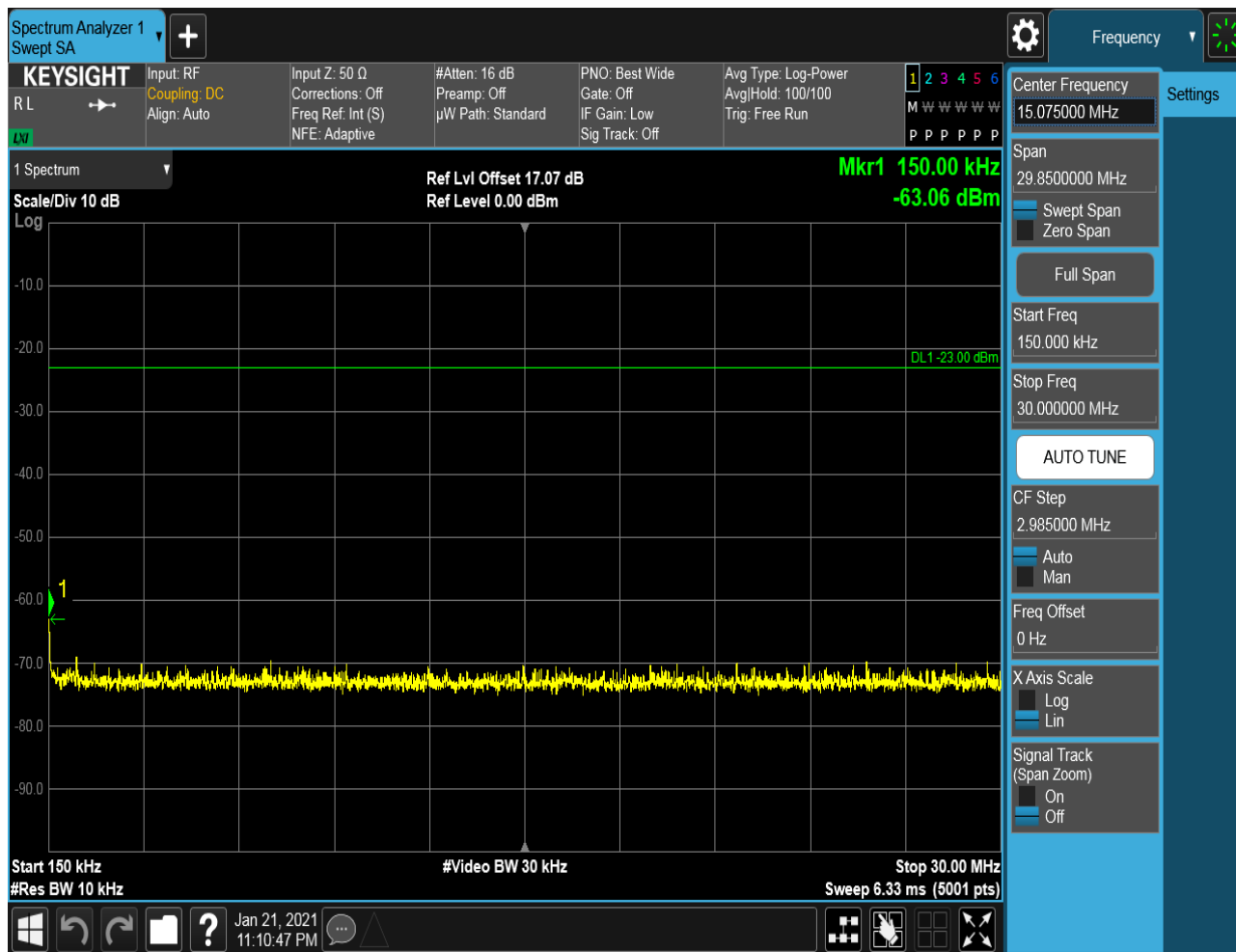


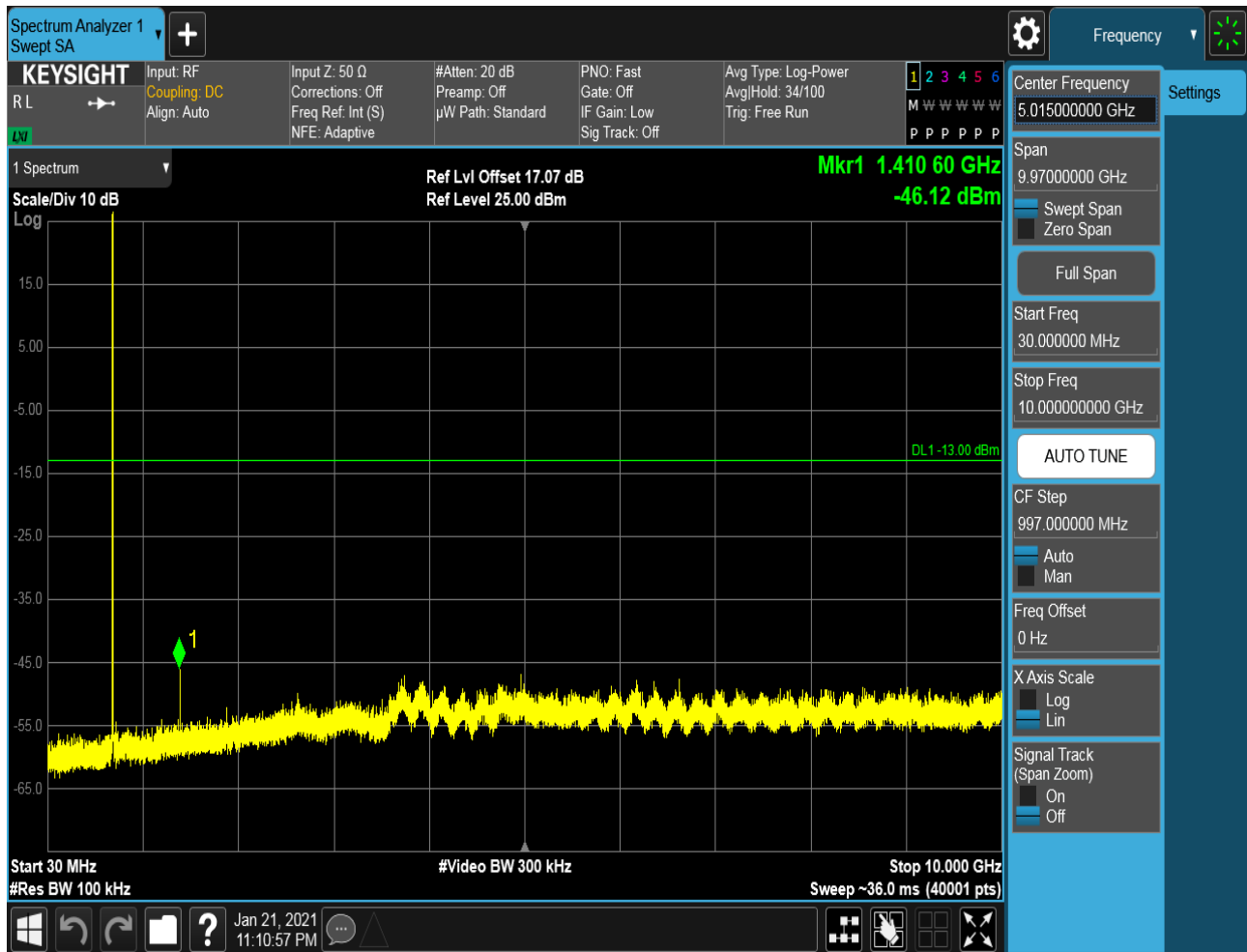


6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0

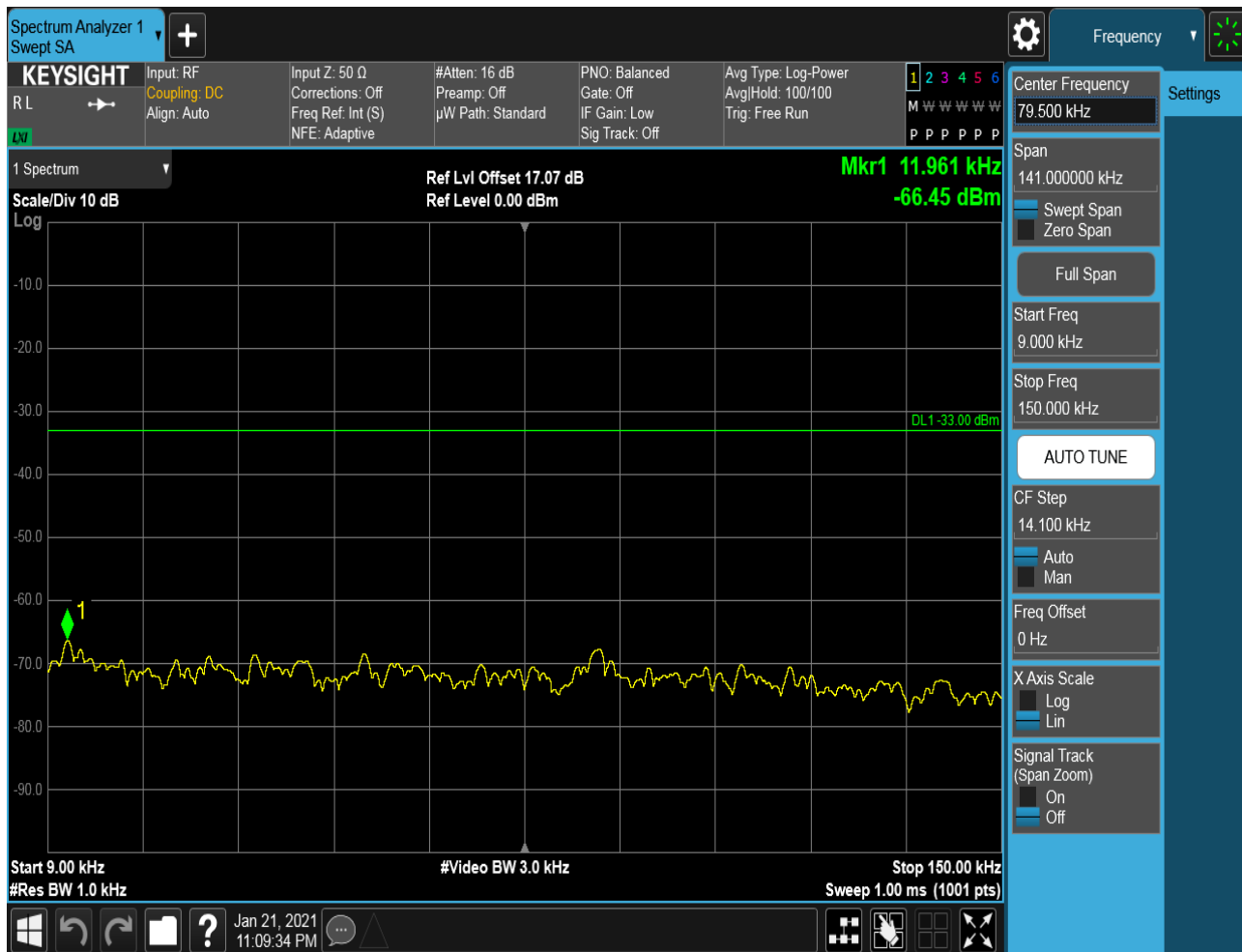


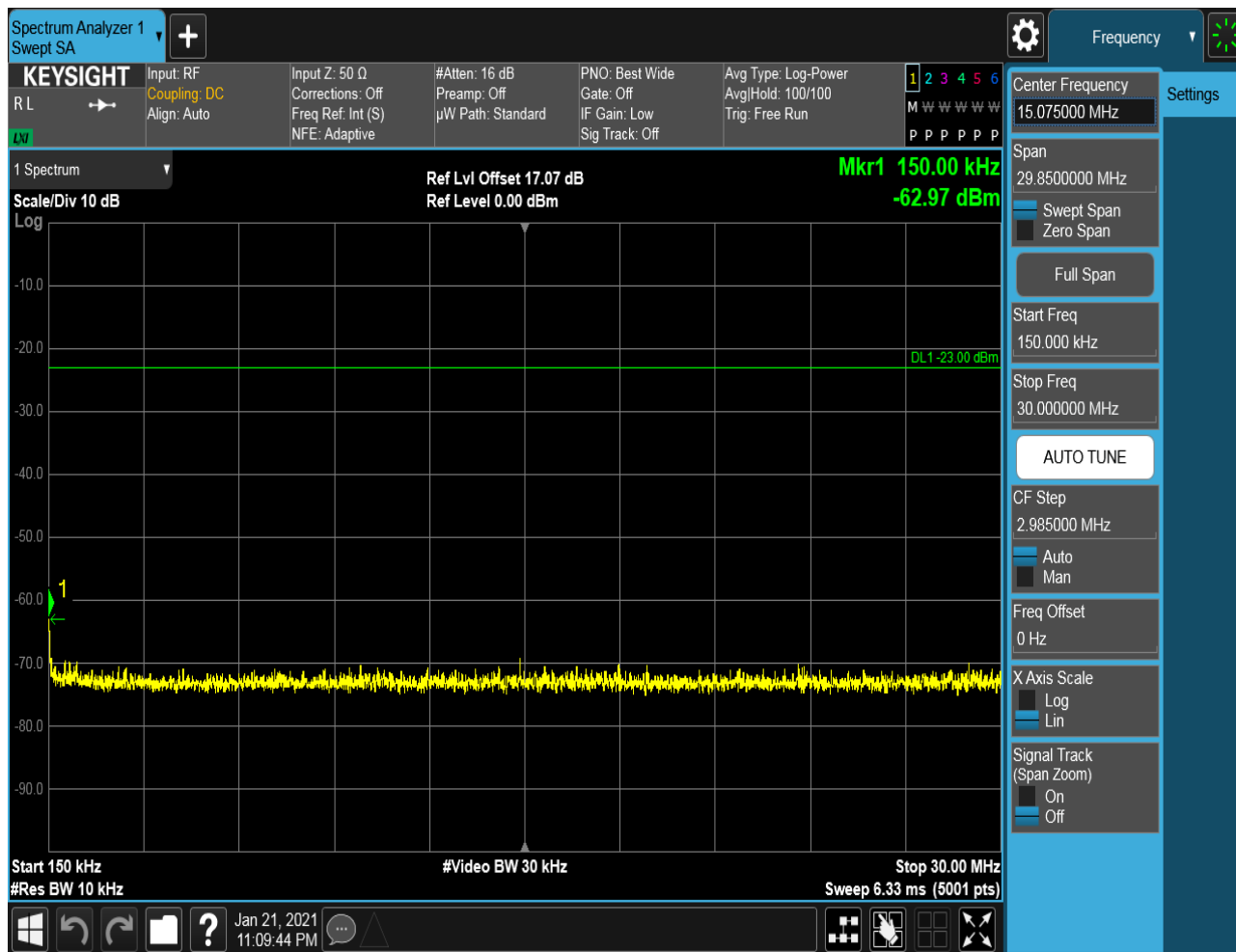


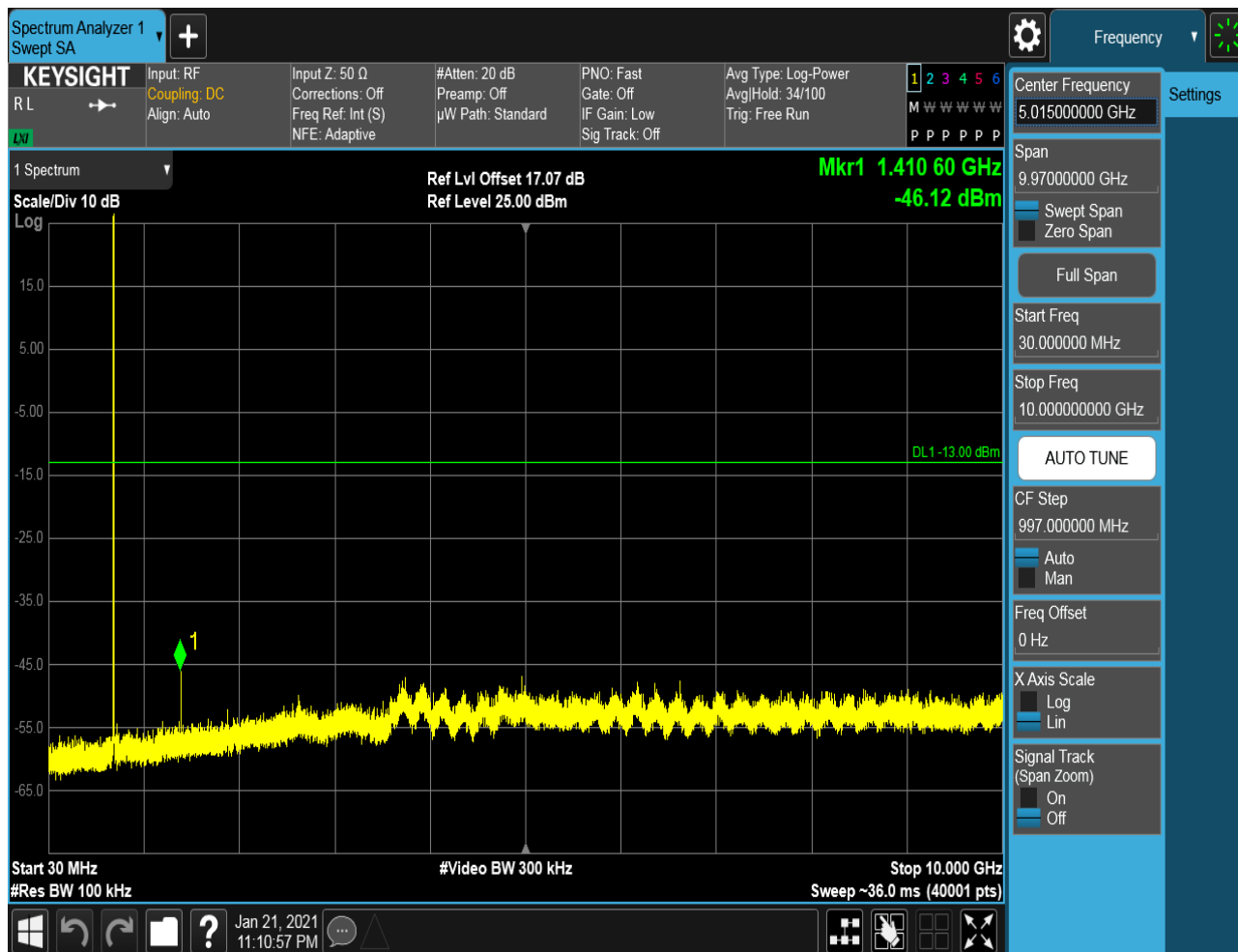


6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0



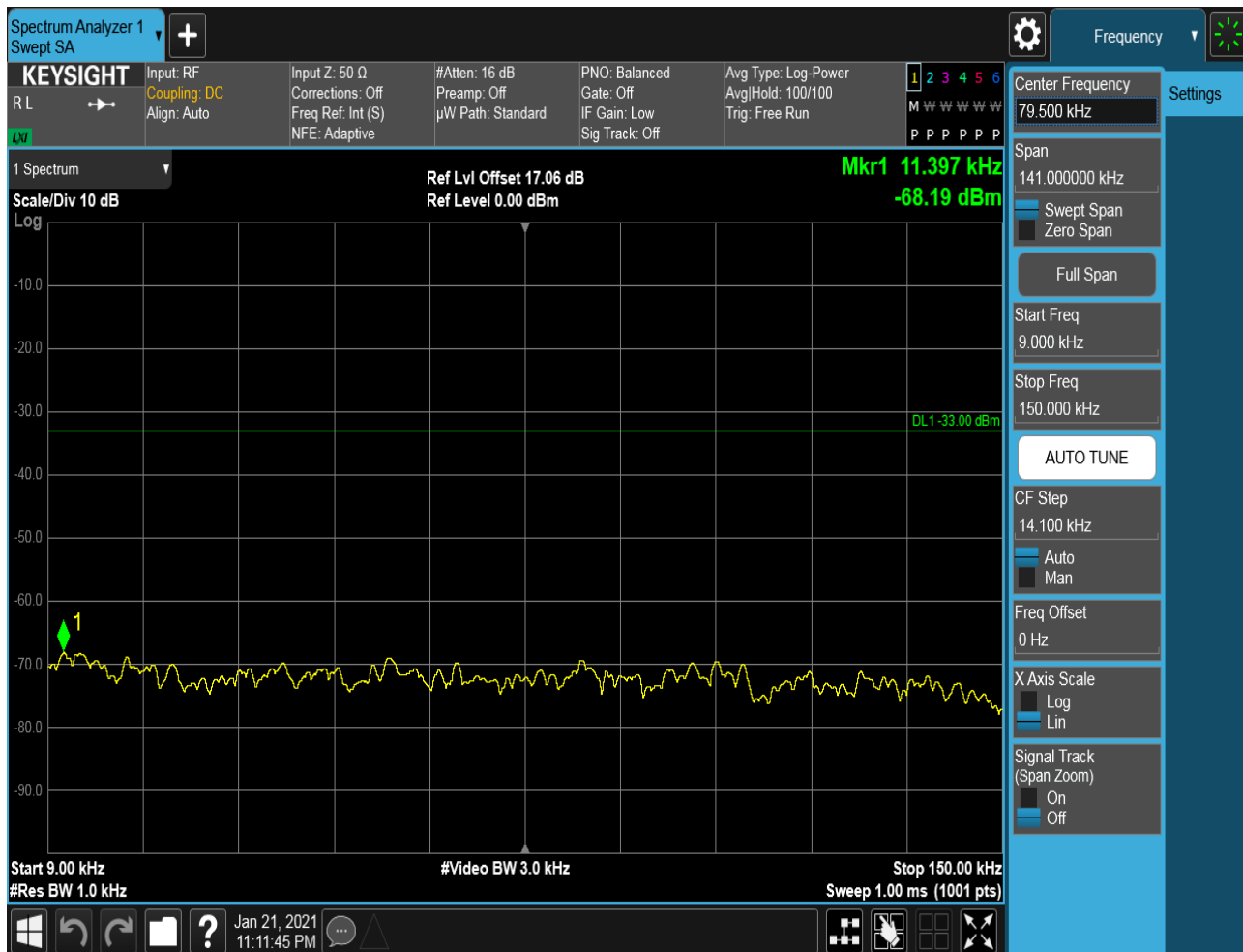


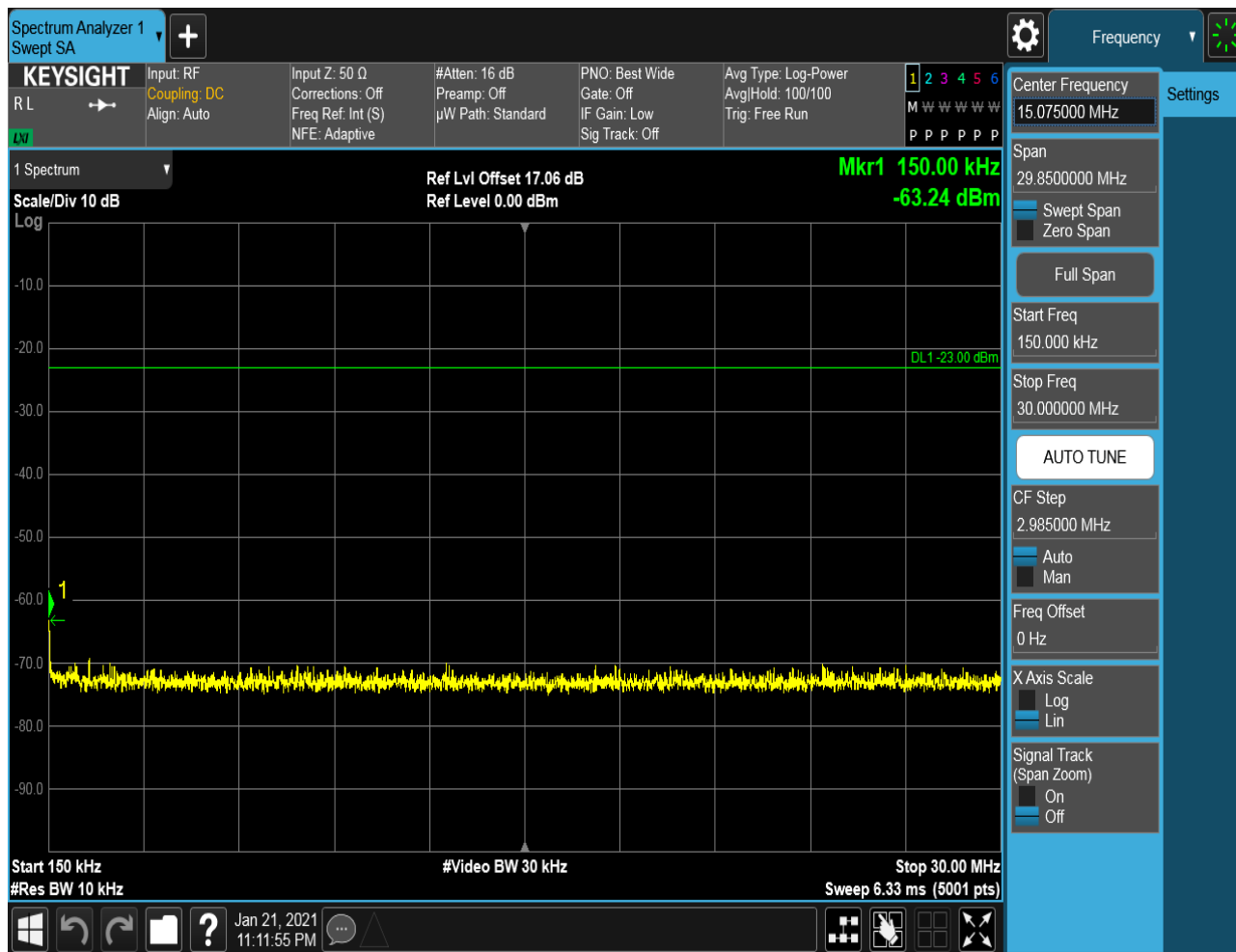


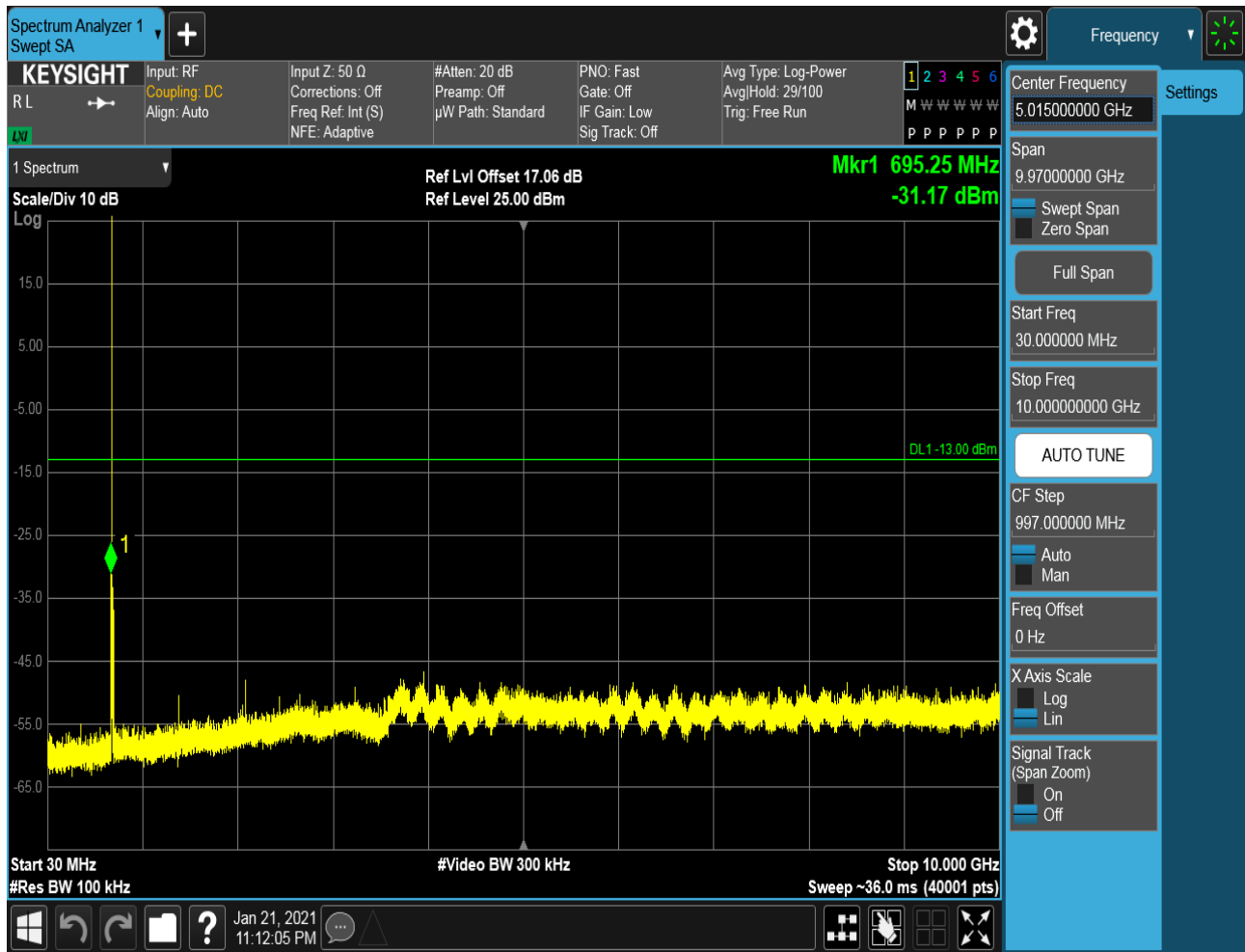
6.2.1.2.4 Test Bandwidth = 10

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0

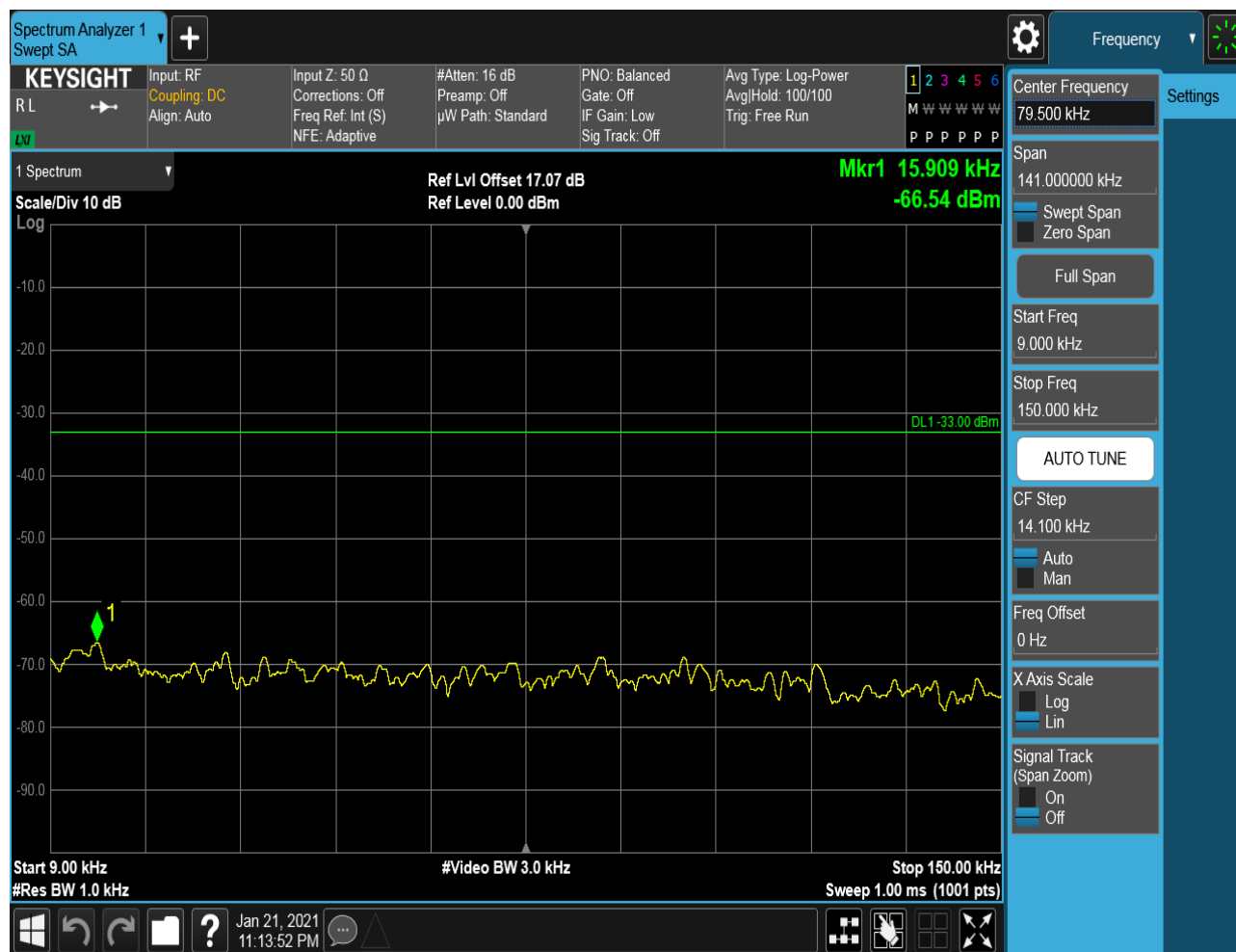


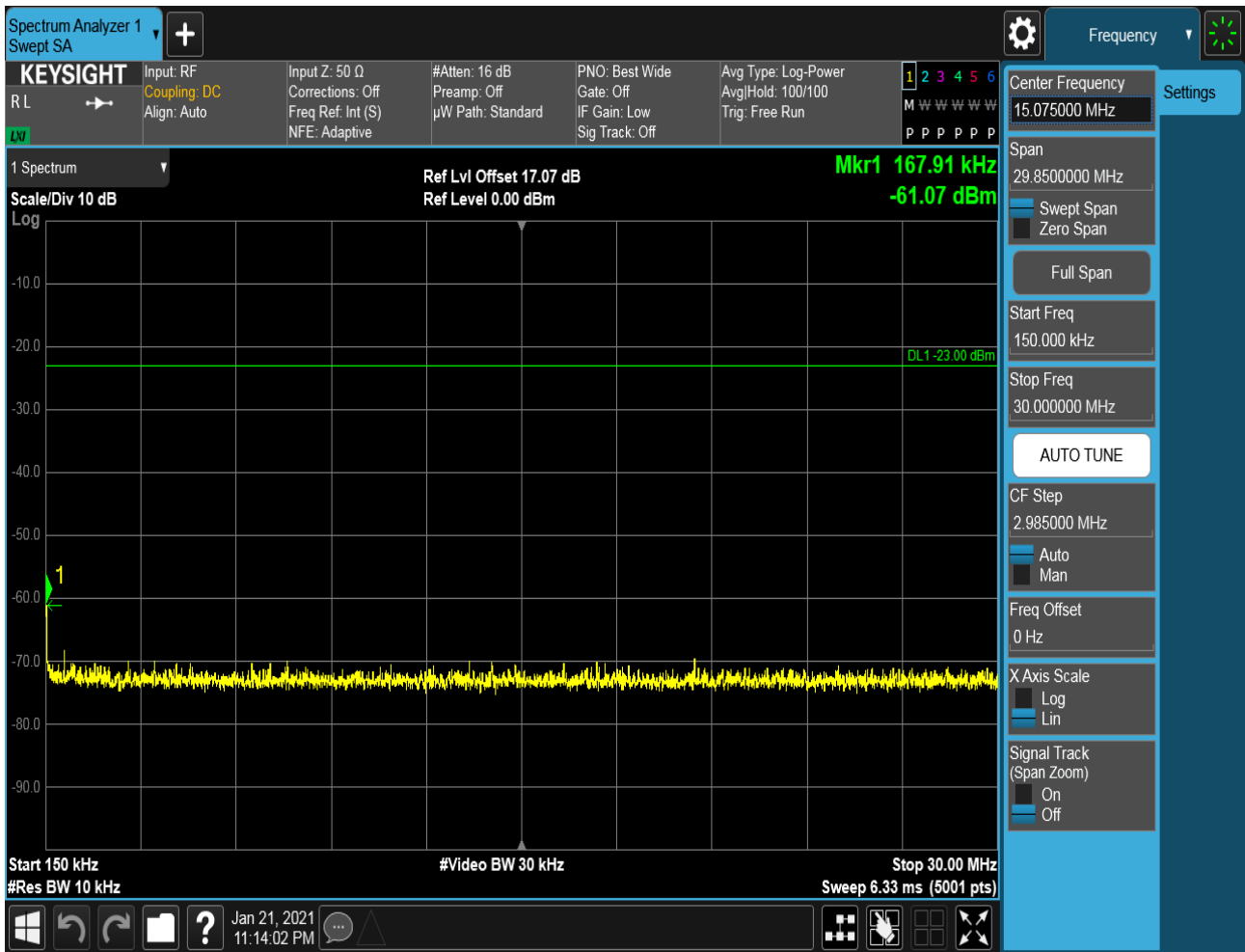


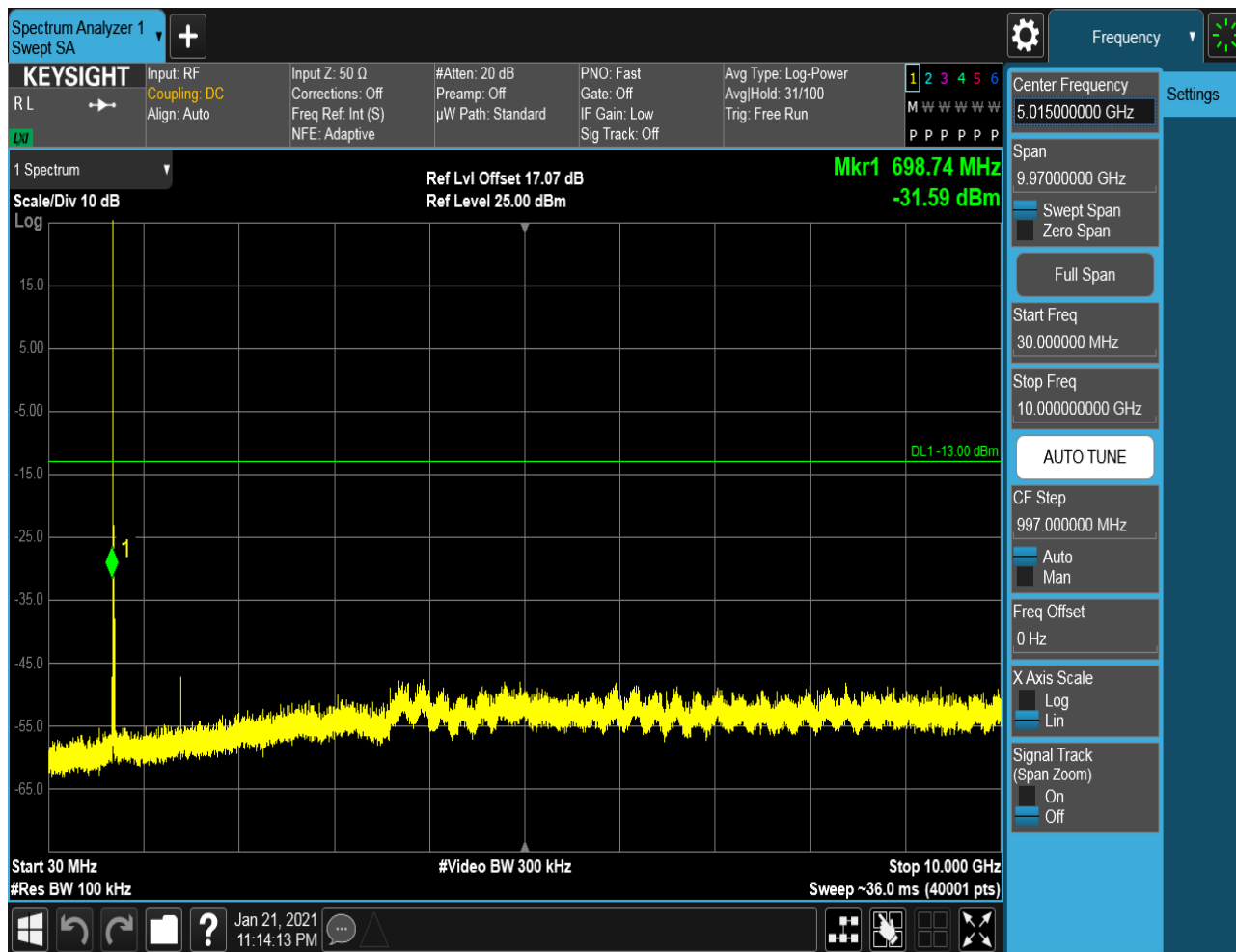


6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0

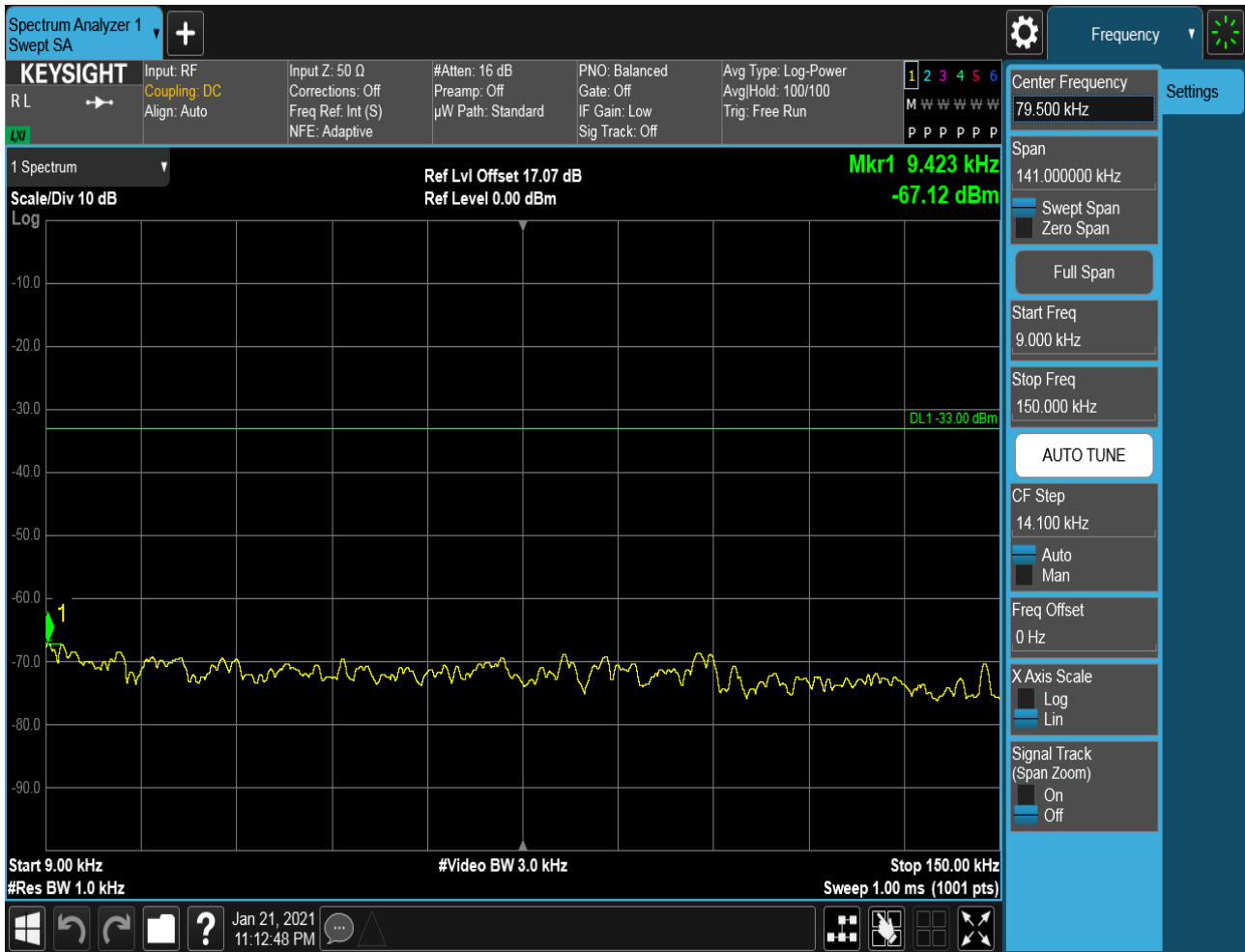


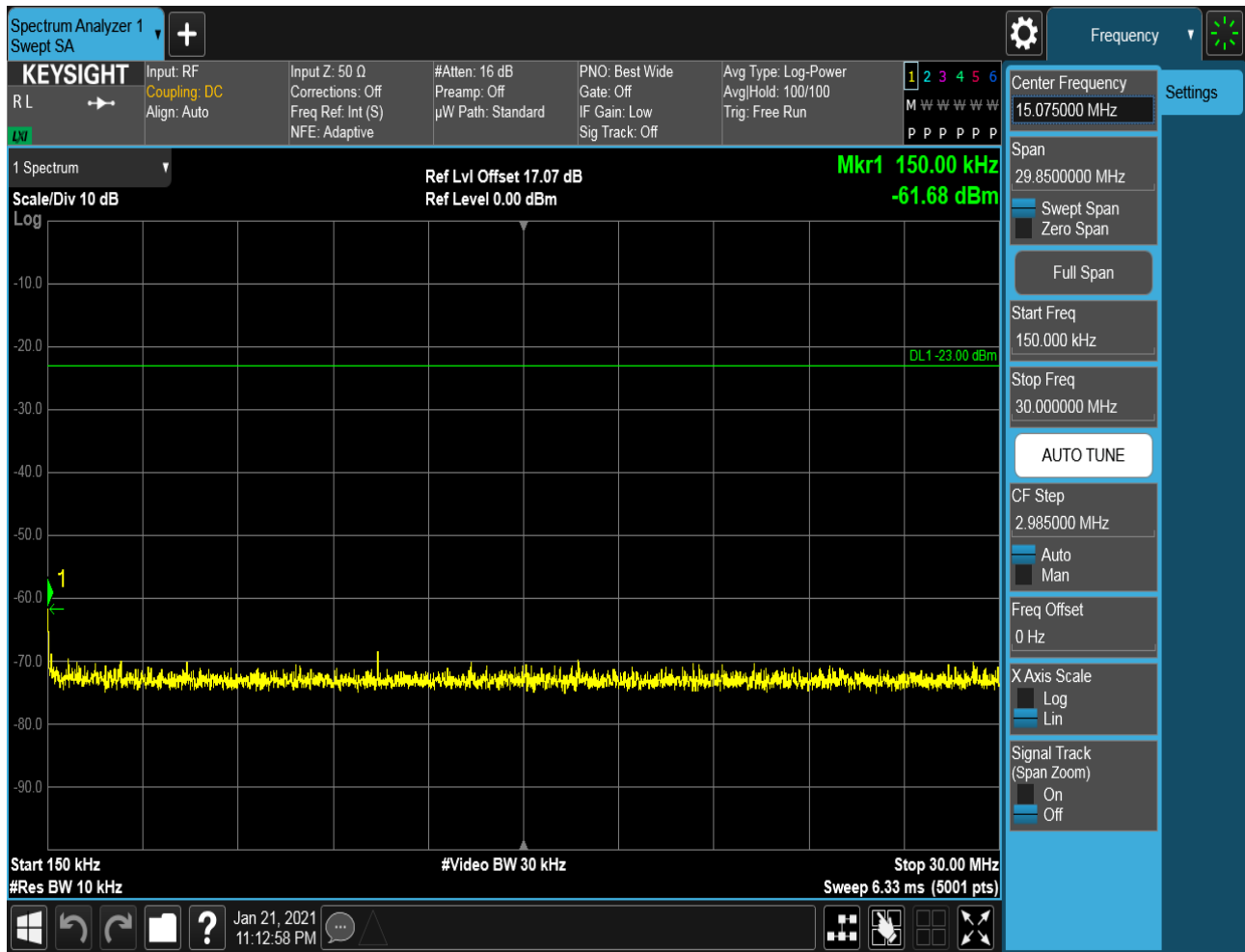


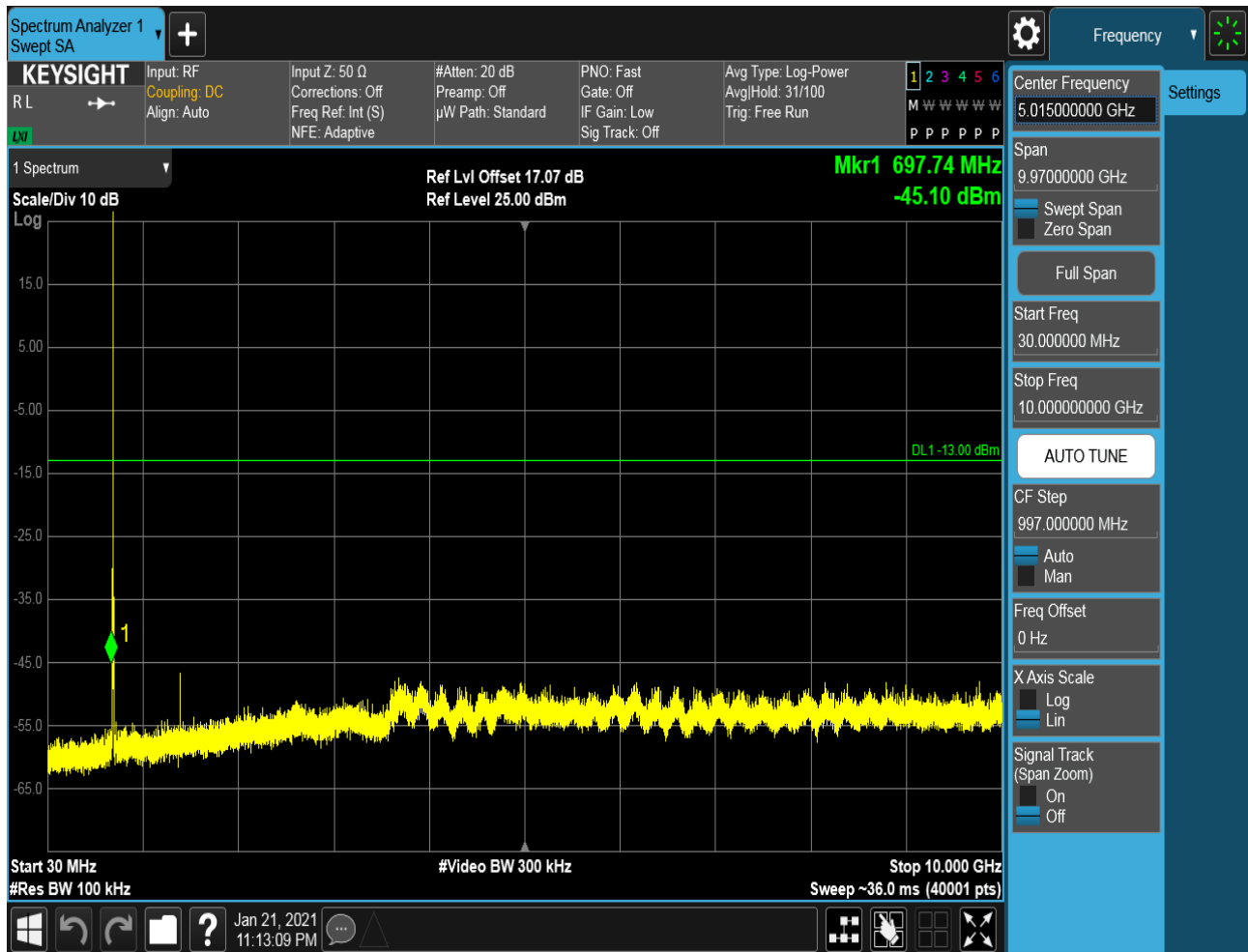


6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0







7Appendix_G: Field Strength of Spurious Radiation

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

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

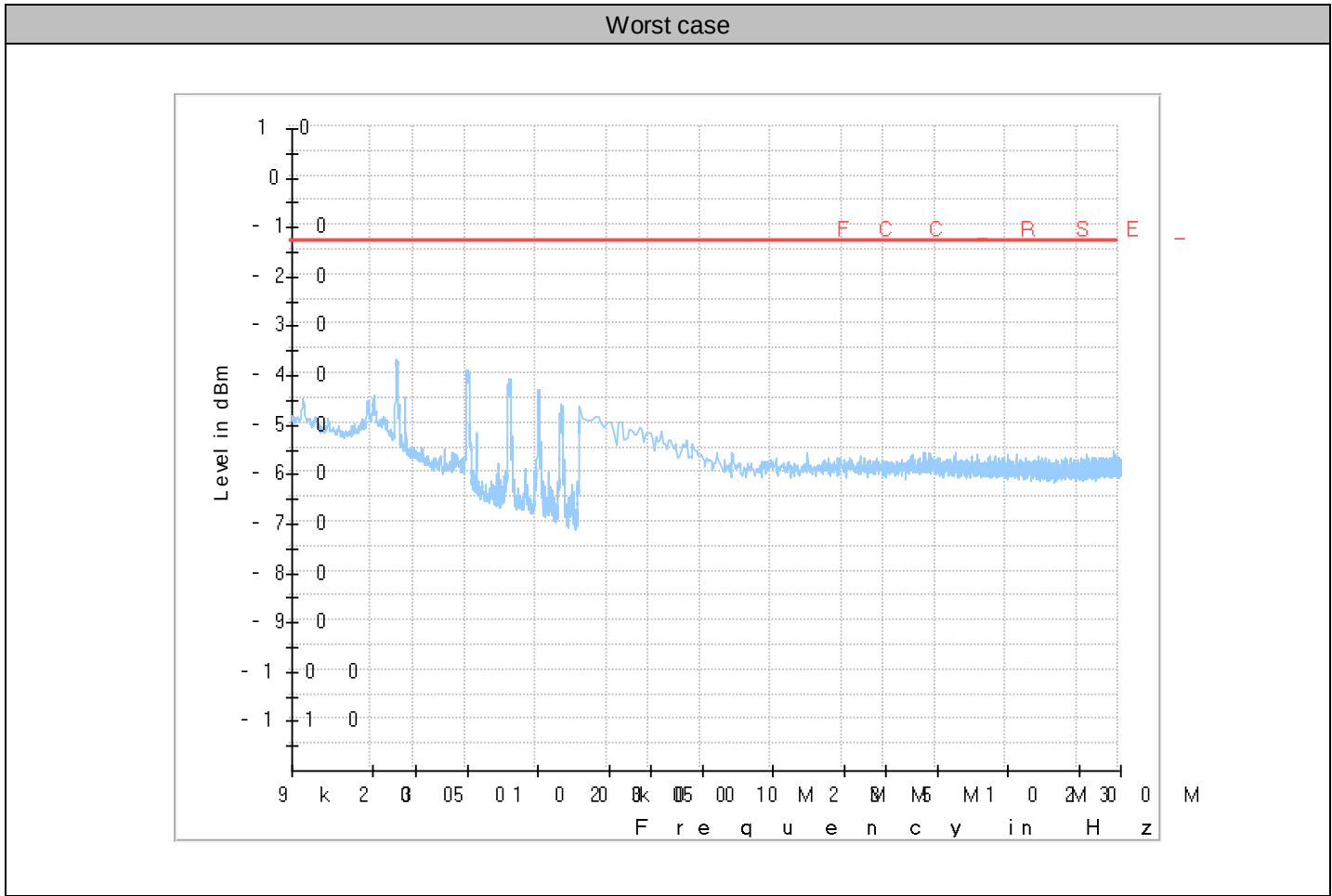
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

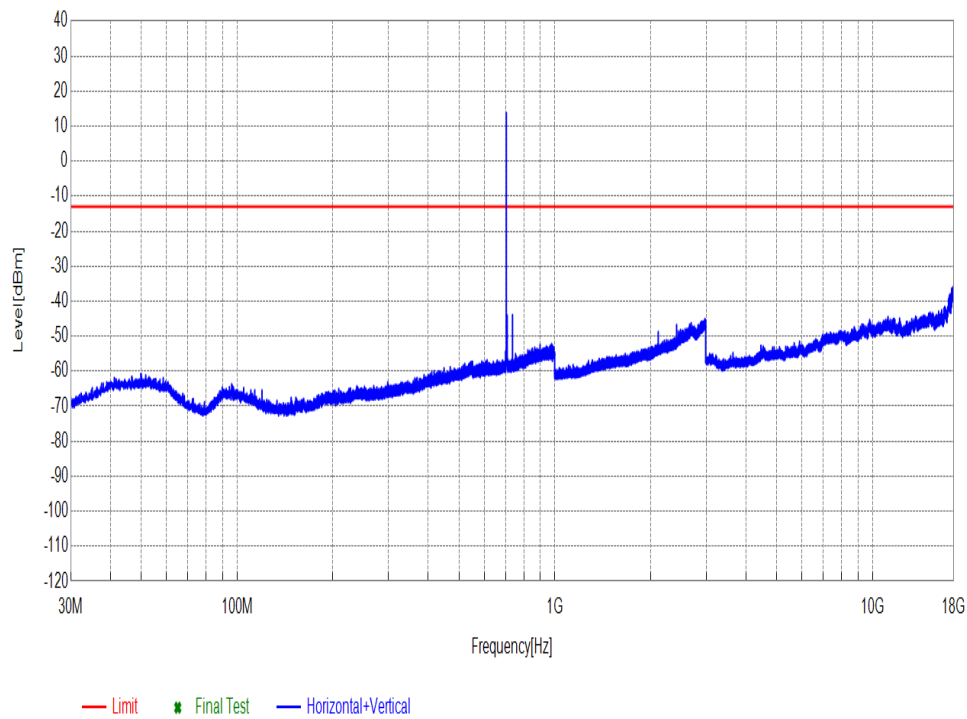
Part I - Test Plots

7.1 For LTE

7.1.1 Test Band = Band12

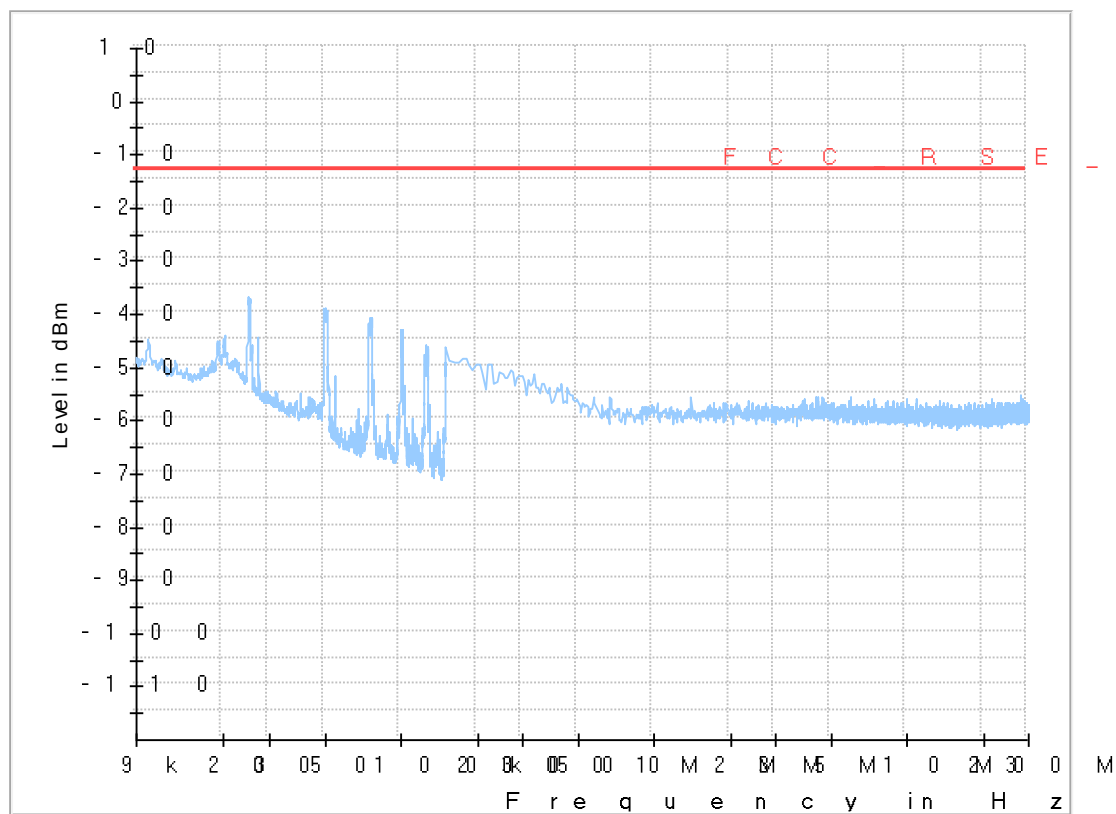
7.1.1.1 Test Bandwidth = 1.4

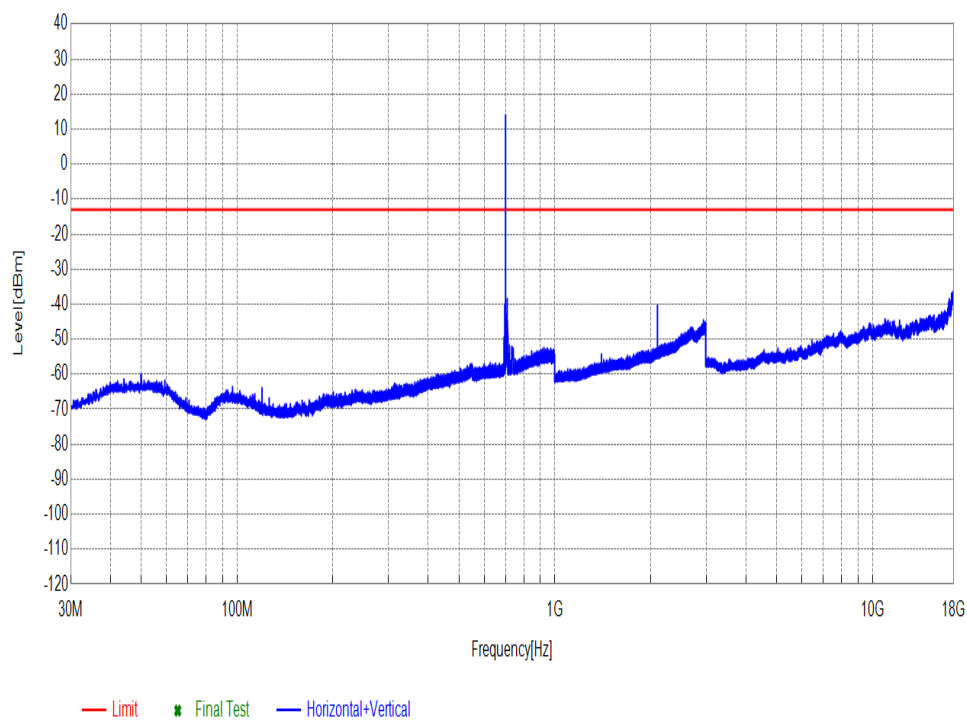




7.1.1.2 Test Bandwidth = 10

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
Band12	LTE/TM1	1.4	LCH	TN	VL	-17.49516	-0.02500	PASS
					VN	-2.60353	-0.00372	PASS
					VH	-14.26220	-0.02038	PASS
			MCH	TN	VL	0.30041	0.00042	PASS
					VN	-4.84943	-0.00685	PASS
					VH	13.87596	0.01961	PASS
			HCH	TN	VL	-20.24174	-0.02830	PASS
					VN	14.64844	0.02048	PASS
					VH	-18.19611	-0.02544	PASS
		3	LCH	TN	VL	1.80244	0.00257	PASS
					VN	5.13554	0.00733	PASS
					VH	7.00951	0.01001	PASS
			MCH	TN	VL	7.55310	0.01068	PASS
					VN	7.76768	0.01098	PASS
					VH	4.70638	0.00665	PASS
			HCH	TN	VL	7.66754	0.01073	PASS
					VN	4.70638	0.00659	PASS
					VH	7.73907	0.01083	PASS
		5	LCH	TN	VL	-0.37193	-0.00053	PASS
					VN	1.71661	0.00245	PASS
					VH	6.42300	0.00916	PASS
			MCH	TN	VL	6.30856	0.00892	PASS
					VN	5.29289	0.00748	PASS
					VH	-2.01702	-0.00285	PASS
			HCH	TN	VL	3.19004	0.00447	PASS
					VN	3.54767	0.00497	PASS
					VH	-2.50339	-0.00351	PASS
		10	LCH	TN	VL	-3.13282	-0.00445	PASS
					VN	-3.23296	-0.00459	PASS
					VH	-5.22137	-0.00742	PASS
			MCH	TN	VL	-9.82761	-0.01389	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2				VN	-10.77175	-0.01523	PASS
					VH	-12.81738	-0.01812	PASS
			HCH	TN	VL	-2.47478	-0.00348	PASS
					VN	10.15663	0.01428	PASS
					VH	4.80652	0.00676	PASS
		1.4	LCH	TN	VL	-8.89778	-0.01272	PASS
					VN	1.50204	0.00215	PASS
					VH	8.75473	0.01251	PASS
			MCH	TN	VL	-4.89235	-0.00691	PASS
					VN	-6.23703	-0.00882	PASS
					VH	-12.10213	-0.01711	PASS
			HCH	TN	VL	-14.56261	-0.02036	PASS
					VN	10.91480	0.01526	PASS
					VH	-10.25677	-0.01434	PASS
		3	LCH	TN	VL	0.01431	0.00002	PASS
					VN	11.18660	0.01597	PASS
					VH	0.64373	0.00092	PASS
			MCH	TN	VL	-1.78814	-0.00253	PASS
					VN	-0.81539	-0.00115	PASS
					VH	8.78334	0.01241	PASS
			HCH	TN	VL	11.57284	0.01620	PASS
					VN	7.85351	0.01099	PASS
					VH	1.23024	0.00172	PASS
		5	LCH	TN	VL	-2.60353	-0.00371	PASS
					VN	1.07288	0.00153	PASS
					VH	2.23160	0.00318	PASS
			MCH	TN	VL	-2.00272	-0.00283	PASS
					VN	2.47478	0.00350	PASS
					VH	3.06129	0.00433	PASS
			HCH	TN	VL	-3.40462	-0.00477	PASS
					VN	-0.70095	-0.00098	PASS
					VH	-3.79086	-0.00531	PASS
		10	LCH	TN	VL	1.80244	0.00256	PASS
					VN	-1.84536	-0.00262	PASS
					VH	-1.63078	-0.00232	PASS
			MCH	TN	VL	-4.74930	-0.00671	PASS
					VN	-4.23431	-0.00598	PASS
					VH	-4.64916	-0.00657	PASS
			HCH	TN	VL	-4.07696	-0.00573	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	3.30448	0.00465	PASS
					VH	-6.95229	-0.00978	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
Band12	LTE/TM1	1.4	LCH	VN	-30	-10.18524	-0.01456	PASS
					-20	2.68936	0.00384	PASS
					-10	-12.60281	-0.01801	PASS
					0	1.65939	0.00237	PASS
					10	-8.19683	-0.01171	PASS
					20	-2.60353	-0.00372	PASS
					30	-11.65867	-0.01666	PASS
					40	-5.16415	-0.00738	PASS
					50	-6.65188	-0.00951	PASS
			MCH	VN	-30	-4.49181	-0.00635	PASS
					-20	-11.91616	-0.01684	PASS
					-10	5.63621	0.00797	PASS
					0	6.79493	0.00960	PASS
					10	8.76904	0.01239	PASS
					20	-4.84943	-0.00685	PASS
					30	-24.60480	-0.03478	PASS
					40	1.08719	0.00154	PASS
					50	3.08990	0.00437	PASS
			HCH	VN	-30	7.43866	0.01040	PASS
					-20	-4.01974	-0.00562	PASS
					-10	11.21521	0.01568	PASS
					0	2.16007	0.00302	PASS
					10	18.35346	0.02566	PASS
					20	14.64844	0.02048	PASS
					30	-12.98904	-0.01816	PASS
					40	-6.06537	-0.00848	PASS
					50	-11.04355	-0.01544	PASS
		3	LCH	VN	-30	-0.97275	-0.00139	PASS
					-20	3.66211	0.00523	PASS
					-10	-3.29018	-0.00470	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		5			0	7.45296	0.01064	PASS
					10	-2.33173	-0.00333	PASS
					20	5.13554	0.00733	PASS
					30	3.66211	0.00523	PASS
					40	4.54903	0.00649	PASS
					50	10.41412	0.01487	PASS
			MCH	VN	-30	7.71046	0.01090	PASS
					-20	7.53880	0.01066	PASS
					-10	-4.29153	-0.00607	PASS
					0	3.74794	0.00530	PASS
					10	2.66075	0.00376	PASS
					20	7.76768	0.01098	PASS
					30	6.17981	0.00873	PASS
					40	8.12531	0.01148	PASS
					50	9.11236	0.01288	PASS
			HCH	VN	-30	8.68320	0.01215	PASS
					-20	20.82825	0.02915	PASS
					-10	9.91344	0.01387	PASS
					0	3.04699	0.00426	PASS
					10	8.08239	0.01131	PASS
					20	4.70638	0.00659	PASS
					30	6.80924	0.00953	PASS
					40	2.53200	0.00354	PASS
					50	6.93798	0.00971	PASS
			LCH	VN	-30	8.11100	0.01156	PASS
					-20	2.68936	0.00383	PASS
					-10	-1.84536	-0.00263	PASS
					0	5.10693	0.00728	PASS
					10	1.38760	0.00198	PASS
					20	1.71661	0.00245	PASS
					30	1.88827	0.00269	PASS
					40	-0.20027	-0.00029	PASS
					50	6.25134	0.00891	PASS
			MCH	VN	-30	10.14233	0.01434	PASS
					-20	4.23431	0.00598	PASS
					-10	6.17981	0.00873	PASS
					0	-4.50611	-0.00637	PASS
					10	10.24246	0.01448	PASS
					20	5.29289	0.00748	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-0.24319	-0.00034	PASS
					40	-0.77248	-0.00109	PASS
					50	3.43323	0.00485	PASS
			HCH	VN	-30	-1.27316	-0.00178	PASS
					-20	10.24246	0.01436	PASS
					-10	4.46320	0.00626	PASS
					0	-3.87669	-0.00543	PASS
					10	4.47750	0.00628	PASS
					20	3.54767	0.00497	PASS
					30	7.53880	0.01057	PASS
					40	-0.44346	-0.00062	PASS
					50	2.24590	0.00315	PASS
			LCH	VN	-30	7.39574	0.01051	PASS
					-20	2.46048	0.00349	PASS
					-10	0.50068	0.00071	PASS
					0	-6.17981	-0.00878	PASS
					10	1.68800	0.00240	PASS
					20	-3.23296	-0.00459	PASS
					30	1.68800	0.00240	PASS
					40	-0.55790	-0.00079	PASS
					50	-0.50068	-0.00071	PASS
		10	MCH	VN	-30	-17.66682	-0.02497	PASS
					-20	-5.04971	-0.00714	PASS
					-10	-15.26356	-0.02157	PASS
					0	-10.88619	-0.01539	PASS
					10	-16.55102	-0.02339	PASS
					20	-10.77175	-0.01523	PASS
					30	-8.28266	-0.01171	PASS
					40	-16.85143	-0.02382	PASS
					50	-12.66003	-0.01789	PASS
			HCH	VN	-30	9.65595	0.01358	PASS
					-20	-1.28746	-0.00181	PASS
					-10	3.34740	0.00471	PASS
					0	6.35147	0.00893	PASS
					10	6.35147	0.00893	PASS
					20	10.15663	0.01428	PASS
					30	8.91209	0.01253	PASS
					40	13.51833	0.01901	PASS
					50	7.49588	0.01054	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	1.4	LCH	VN	-30	-12.97474	-0.01854	PASS
					-20	14.20498	0.02030	PASS
					-10	-10.81467	-0.01546	PASS
					0	0.45776	0.00065	PASS
					10	-15.29217	-0.02186	PASS
					20	1.50204	0.00215	PASS
					30	0.78678	0.00112	PASS
					40	-11.10077	-0.01587	PASS
					50	-6.75201	-0.00965	PASS
			MCH	VN	-30	5.24998	0.00742	PASS
					-20	-12.45975	-0.01761	PASS
					-10	5.66483	0.00801	PASS
					0	1.30177	0.00184	PASS
					10	22.24445	0.03144	PASS
					20	-6.23703	-0.00882	PASS
					30	-12.74586	-0.01802	PASS
					40	-16.30783	-0.02305	PASS
					50	3.79086	0.00536	PASS
			HCH	VN	-30	7.72476	0.01080	PASS
					-20	-4.66347	-0.00652	PASS
					-10	8.99792	0.01258	PASS
					0	6.19412	0.00866	PASS
					10	11.85894	0.01658	PASS
					20	10.91480	0.01526	PASS
					30	-8.82626	-0.01234	PASS
					40	5.07832	0.00710	PASS
					50	-8.41141	-0.01176	PASS
		3	LCH	VN	-30	0.20027	0.00029	PASS
					-20	2.74658	0.00392	PASS
					-10	-3.76225	-0.00537	PASS
					0	-0.70095	-0.00100	PASS
					10	-8.46863	-0.01209	PASS
					20	11.18660	0.01597	PASS
					30	6.96659	0.00995	PASS
					40	2.11716	0.00302	PASS
					50	1.75953	0.00251	PASS
			MCH	VN	-30	5.46455	0.00772	PASS
					-20	9.35554	0.01322	PASS
					-10	1.14441	0.00162	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	4.32015	0.00611	PASS
					10	3.76225	0.00532	PASS
					20	-0.81539	-0.00115	PASS
					30	5.27859	0.00746	PASS
					40	6.59466	0.00932	PASS
					50	4.44889	0.00629	PASS
			HCH	VN	-30	1.93119	0.00270	PASS
					-20	11.00063	0.01540	PASS
					-10	1.15871	0.00162	PASS
					0	10.95772	0.01534	PASS
					10	5.56469	0.00779	PASS
					20	7.85351	0.01099	PASS
					30	4.73499	0.00663	PASS
					40	5.33581	0.00747	PASS
					50	4.26292	0.00597	PASS
		5	LCH	VN	-30	1.98841	0.00283	PASS
					-20	7.32422	0.01044	PASS
					-10	7.85351	0.01120	PASS
					0	0.42915	0.00061	PASS
					10	-2.88963	-0.00412	PASS
					20	1.07288	0.00153	PASS
					30	-2.18868	-0.00312	PASS
					40	0.55790	0.00080	PASS
					50	7.63893	0.01089	PASS
			MCH	VN	-30	3.20435	0.00453	PASS
					-20	4.34875	0.00615	PASS
					-10	-4.86374	-0.00687	PASS
					0	10.31399	0.01458	PASS
					10	3.13282	0.00443	PASS
					20	2.47478	0.00350	PASS
					30	1.91688	0.00271	PASS
					40	4.99249	0.00706	PASS
					50	1.80244	0.00255	PASS
			HCH	VN	-30	9.12666	0.01279	PASS
					-20	10.21385	0.01432	PASS
					-10	1.90258	0.00267	PASS
					0	0.60081	0.00084	PASS
					10	4.37737	0.00614	PASS
					20	-0.70095	-0.00098	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	3.30448	0.00463	PASS
					40	-0.62943	-0.00088	PASS
					50	7.98225	0.01119	PASS
		10	LCH	VN	-30	0.81539	0.00116	PASS
					-20	-1.24455	-0.00177	PASS
					-10	-1.20163	-0.00171	PASS
					0	-1.15871	-0.00165	PASS
					10	-3.84808	-0.00547	PASS
					20	-1.84536	-0.00262	PASS
					30	1.38760	0.00197	PASS
					40	1.15871	0.00165	PASS
					50	-0.92983	-0.00132	PASS
			MCH	VN	-30	0.88692	0.00125	PASS
					-20	5.40733	0.00764	PASS
					-10	-2.38895	-0.00338	PASS
					0	-2.10285	-0.00297	PASS
					10	3.90530	0.00552	PASS
					20	-4.23431	-0.00598	PASS
					30	4.03404	0.00570	PASS
					40	2.54631	0.00360	PASS
					50	-0.21458	-0.00030	PASS
			HCH	VN	-30	-7.02381	-0.00988	PASS
					-20	1.41621	0.00199	PASS
					-10	3.51906	0.00495	PASS
					0	-4.56333	-0.00642	PASS
					10	-7.88212	-0.01109	PASS
					20	3.30448	0.00465	PASS
					30	-10.52856	-0.01481	PASS
					40	-6.63757	-0.00934	PASS
					50	-12.21657	-0.01718	PASS

END