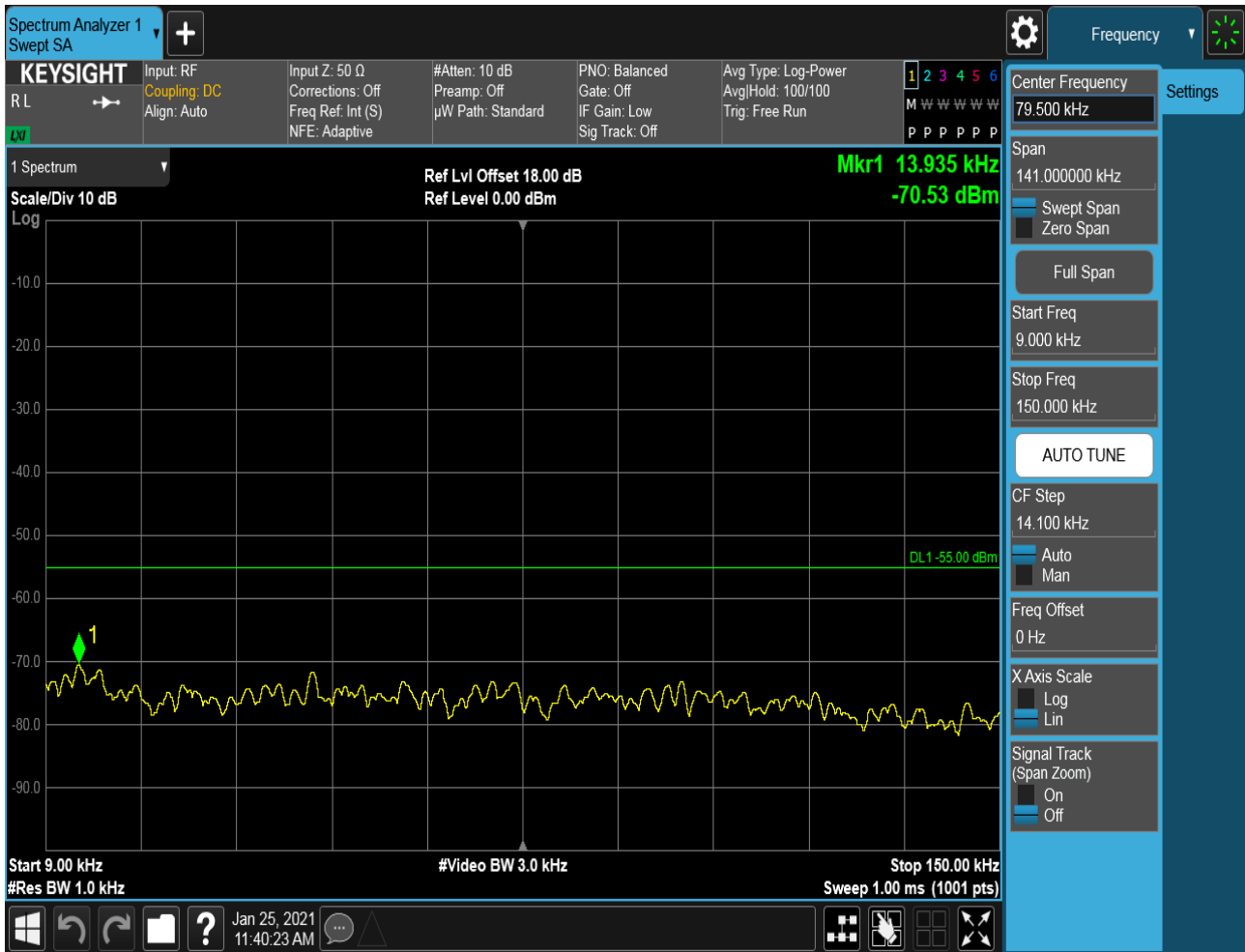
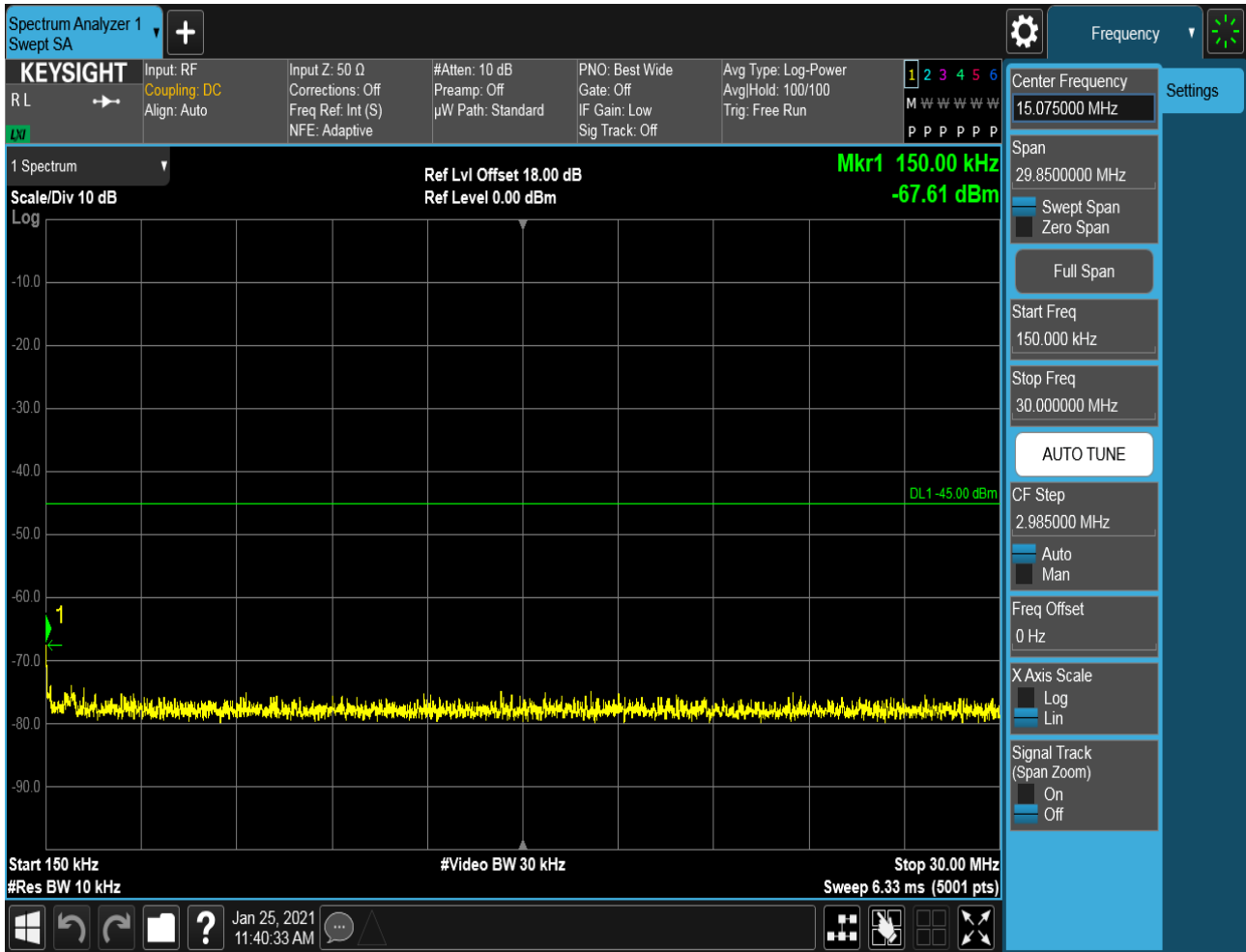
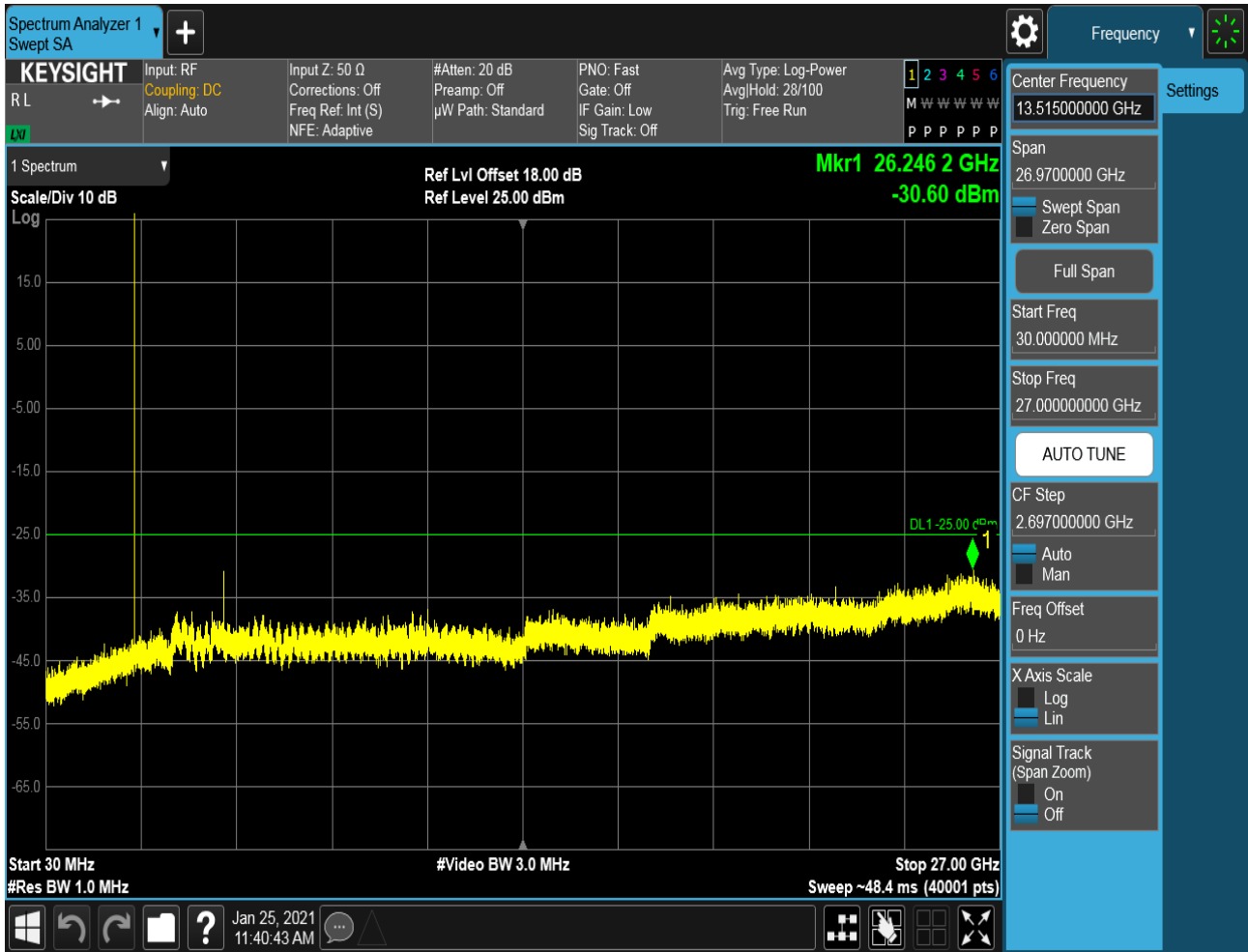


6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0

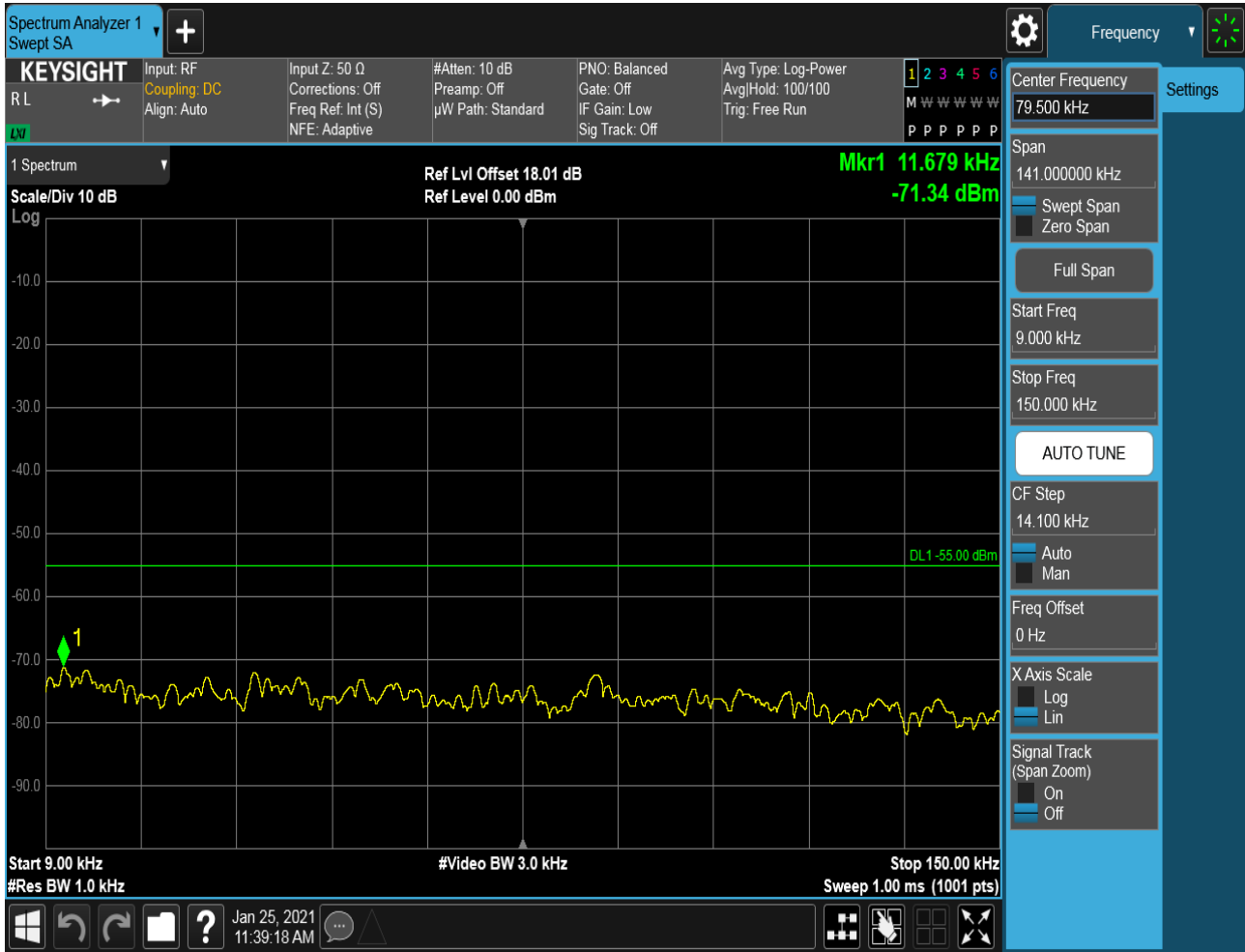


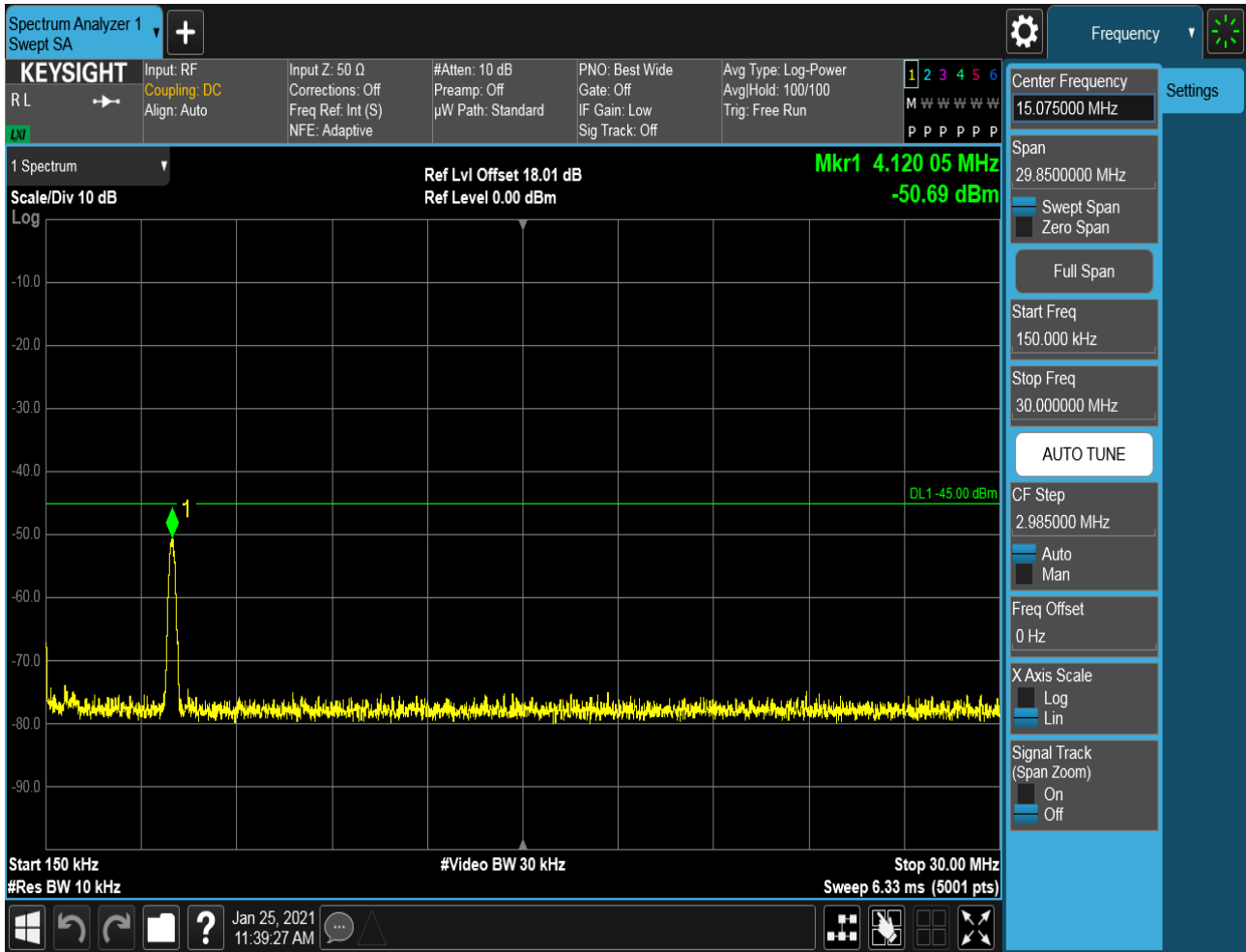


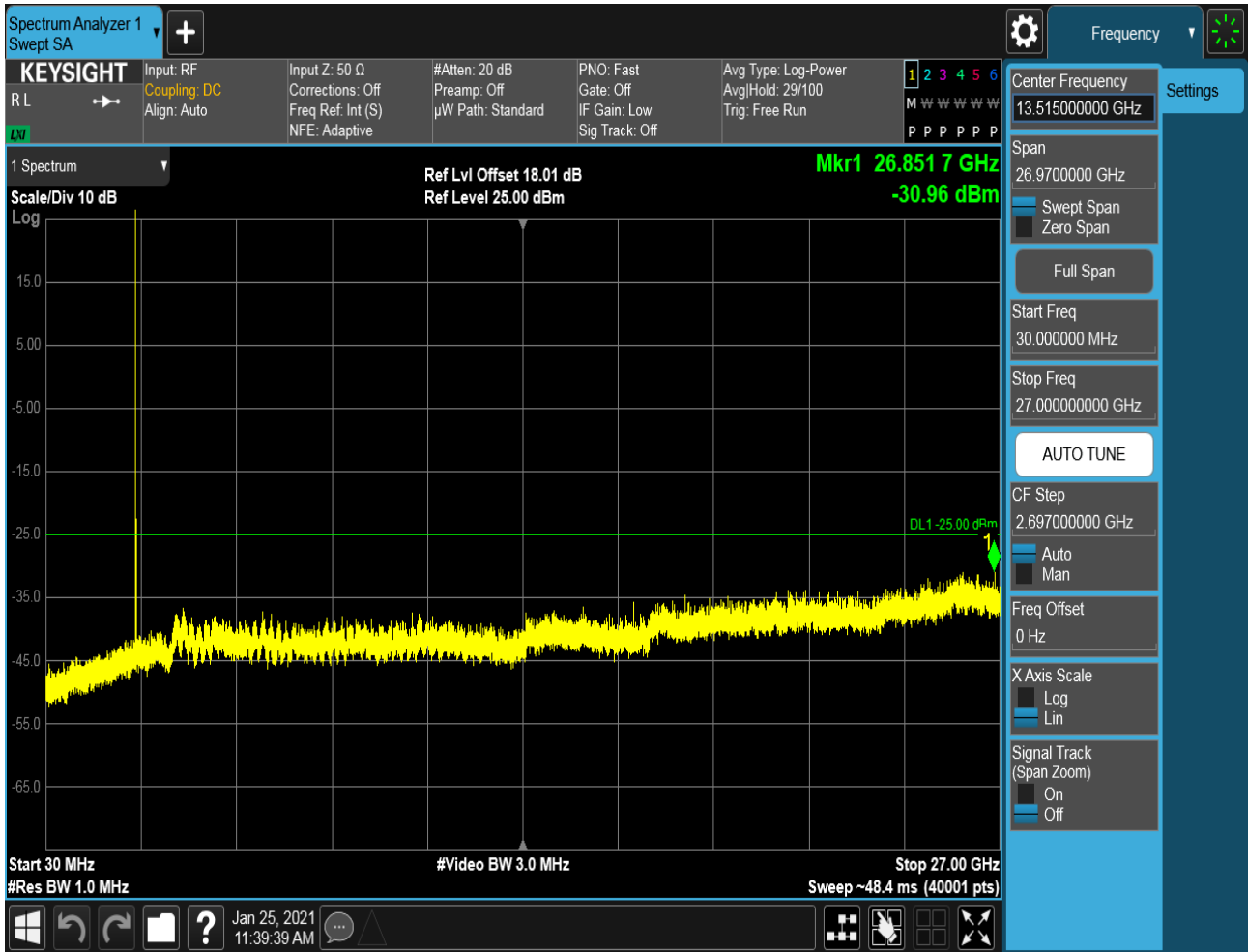


6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0



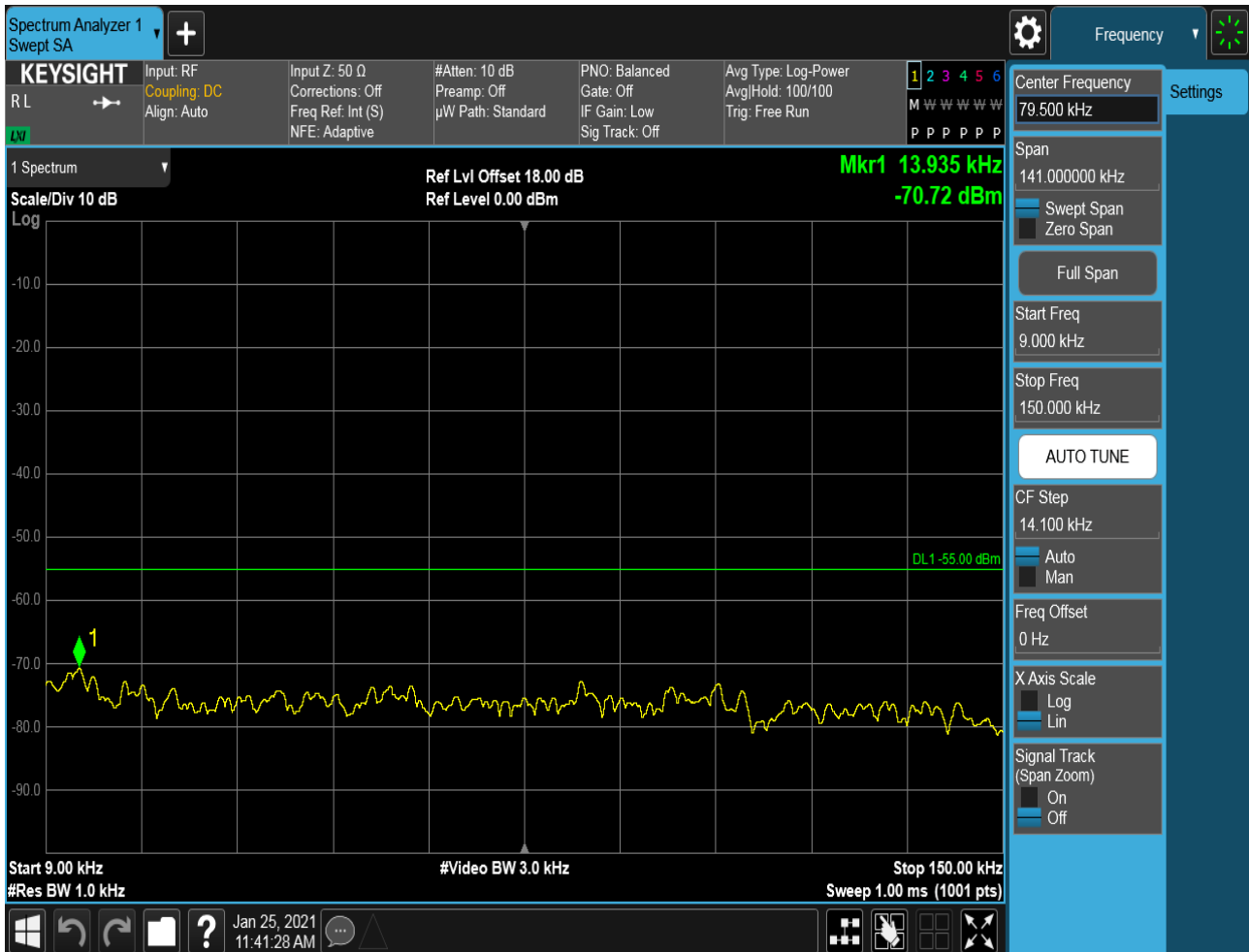


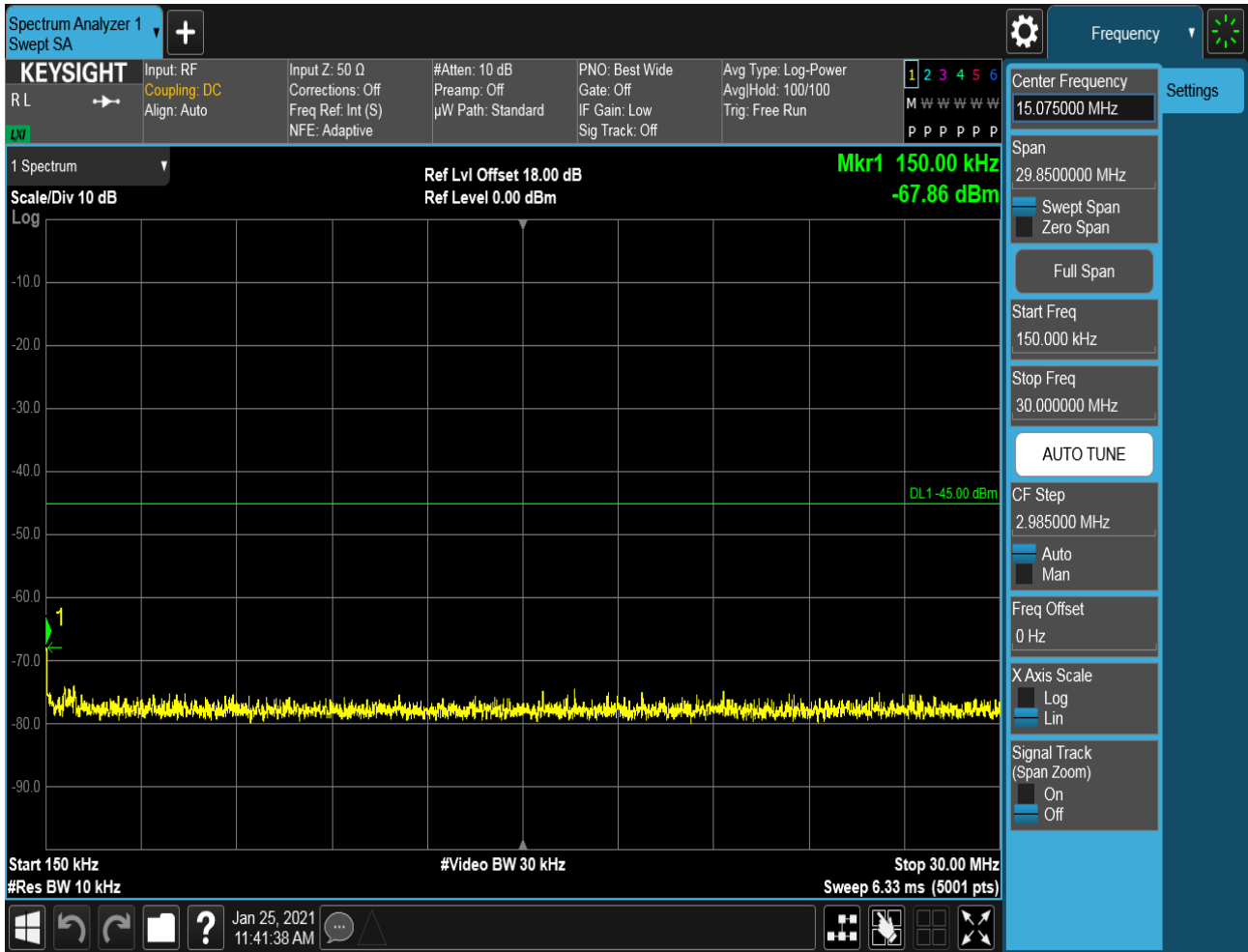


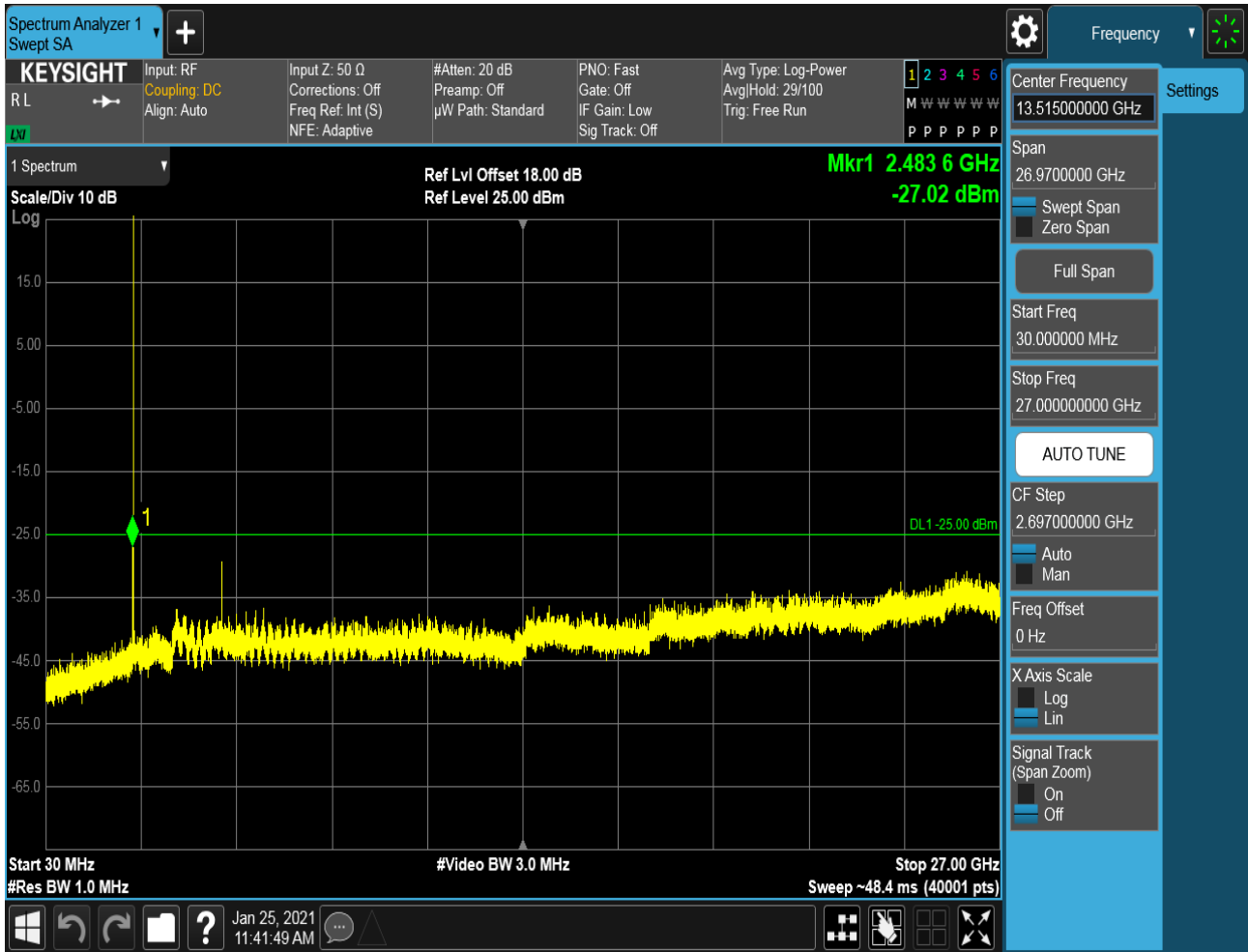
6.2.1.2.2 Test Bandwidth = 10

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0

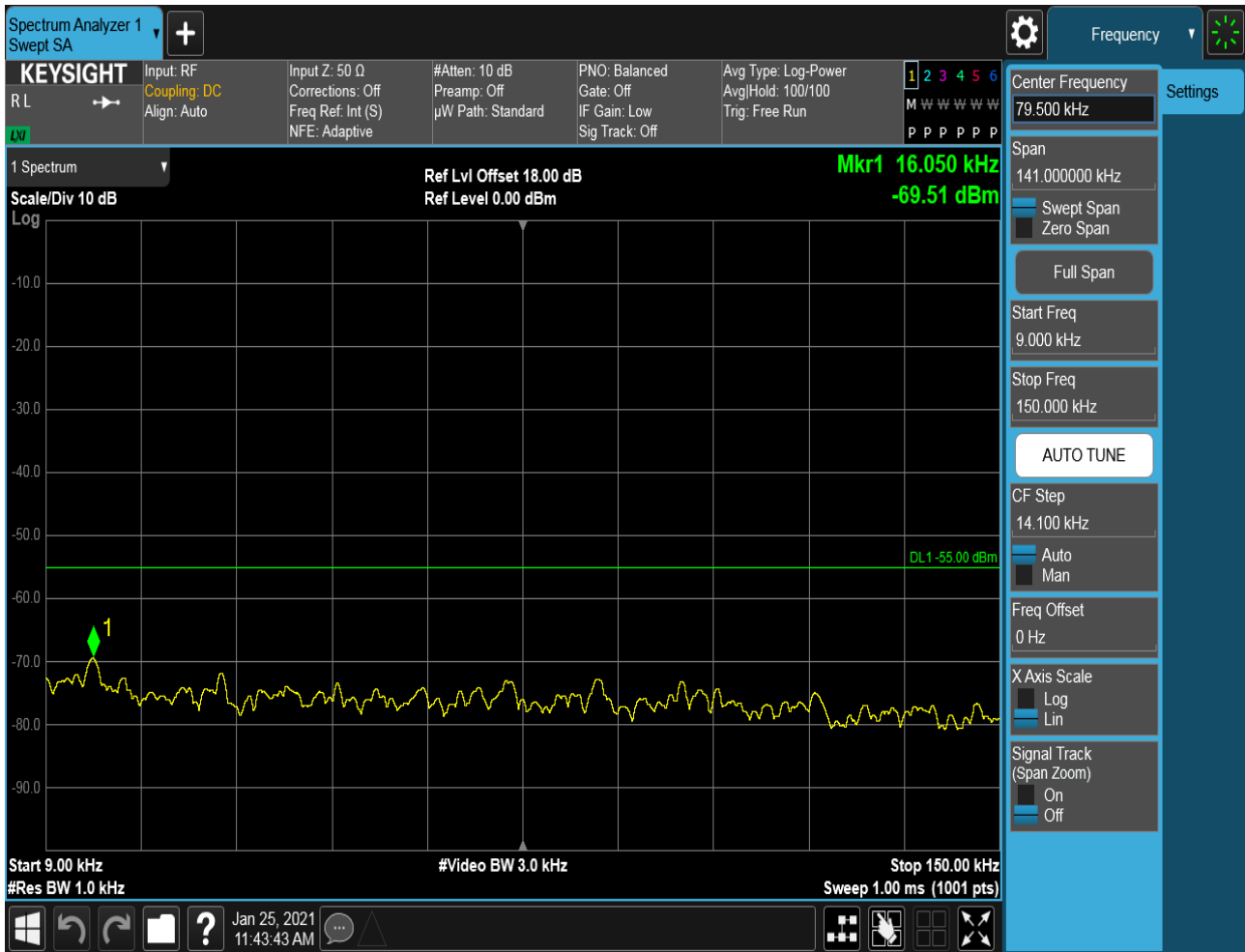


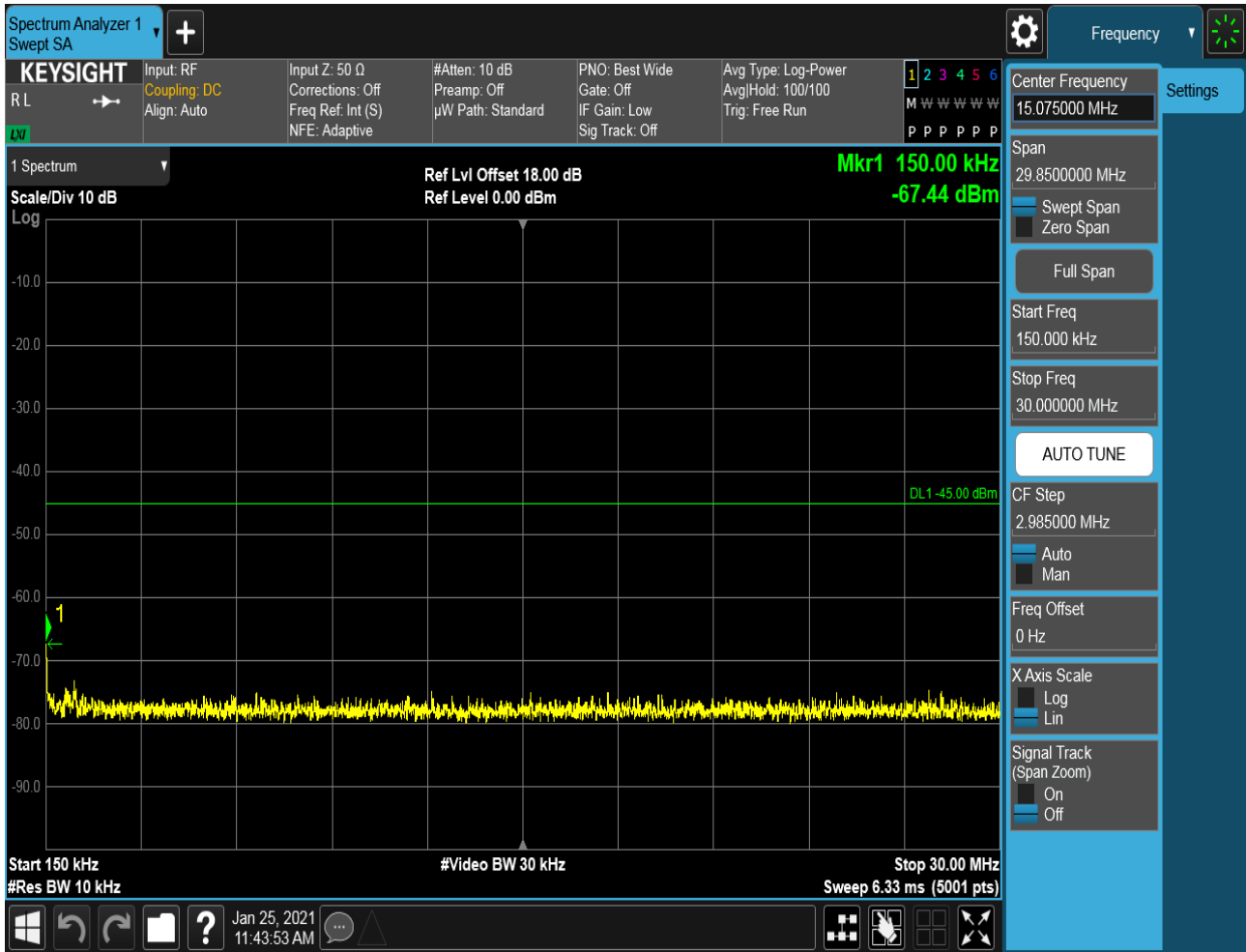


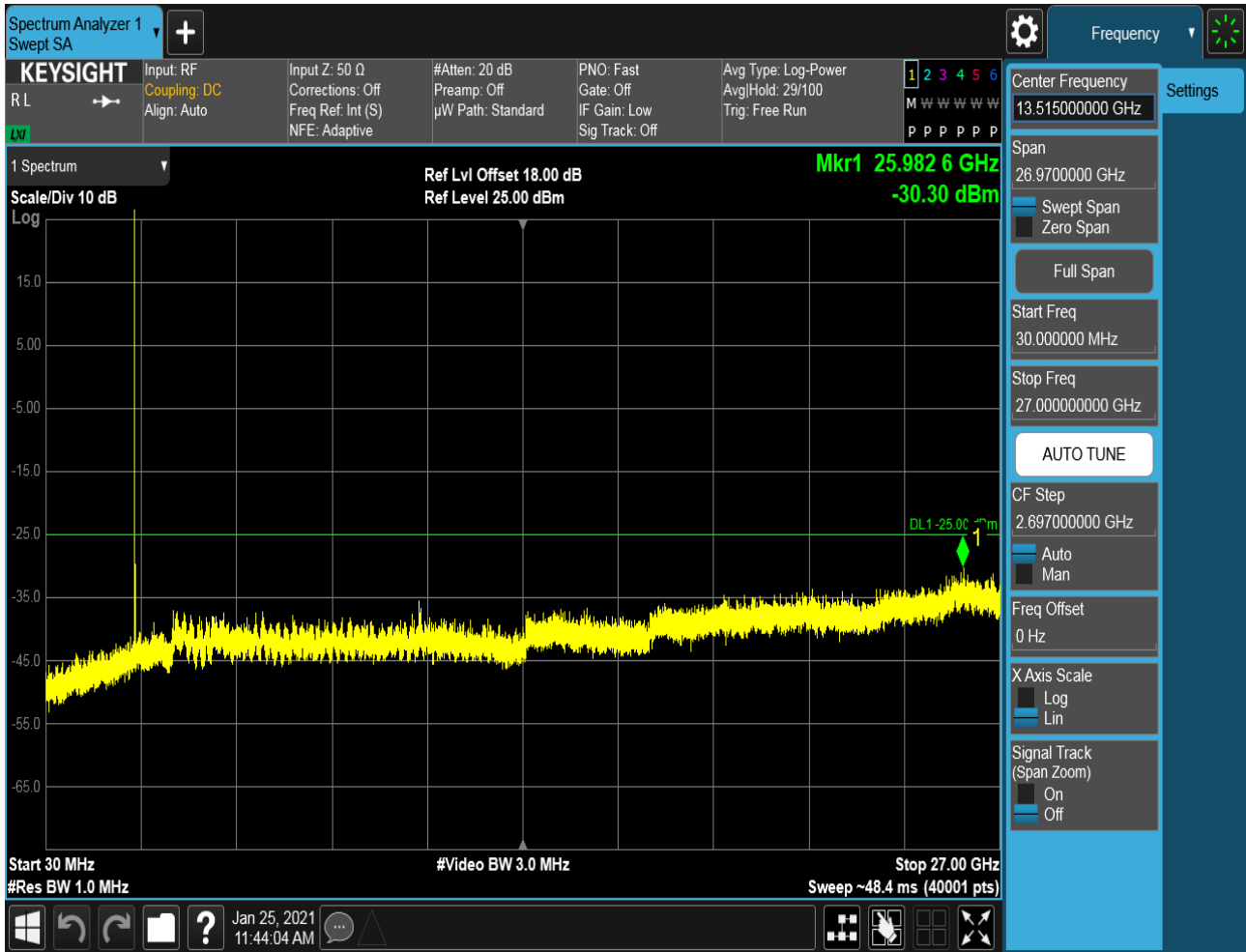


6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0

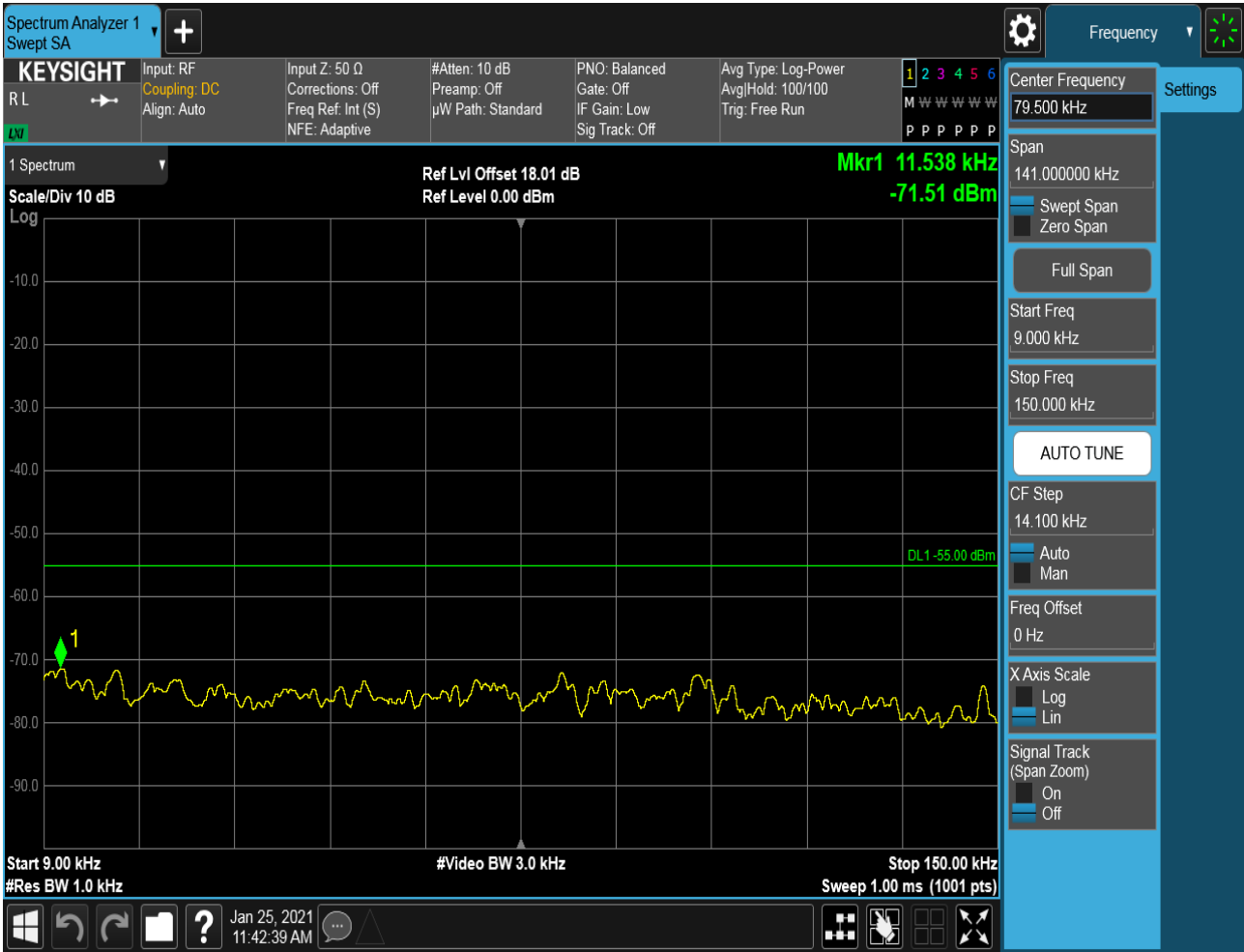


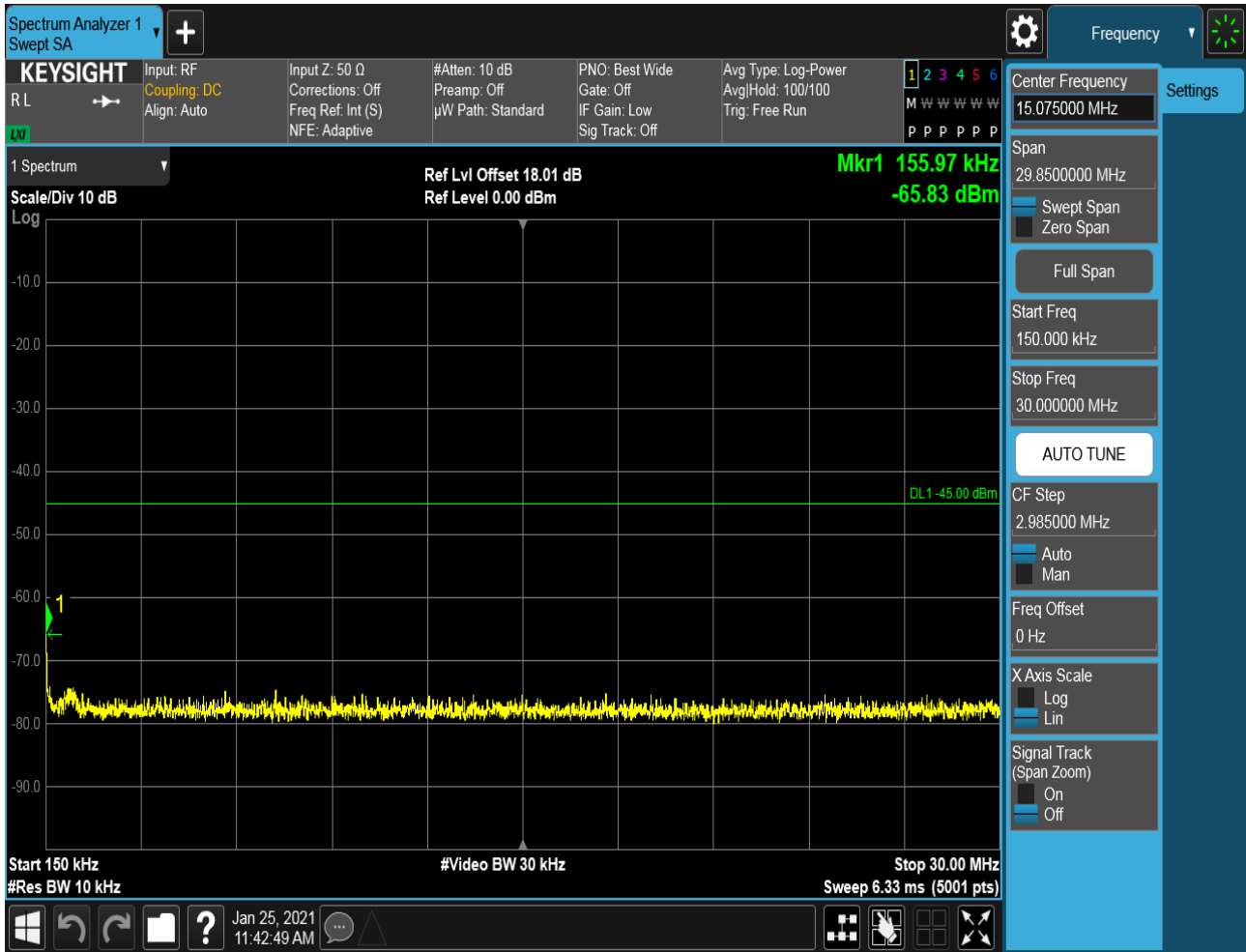


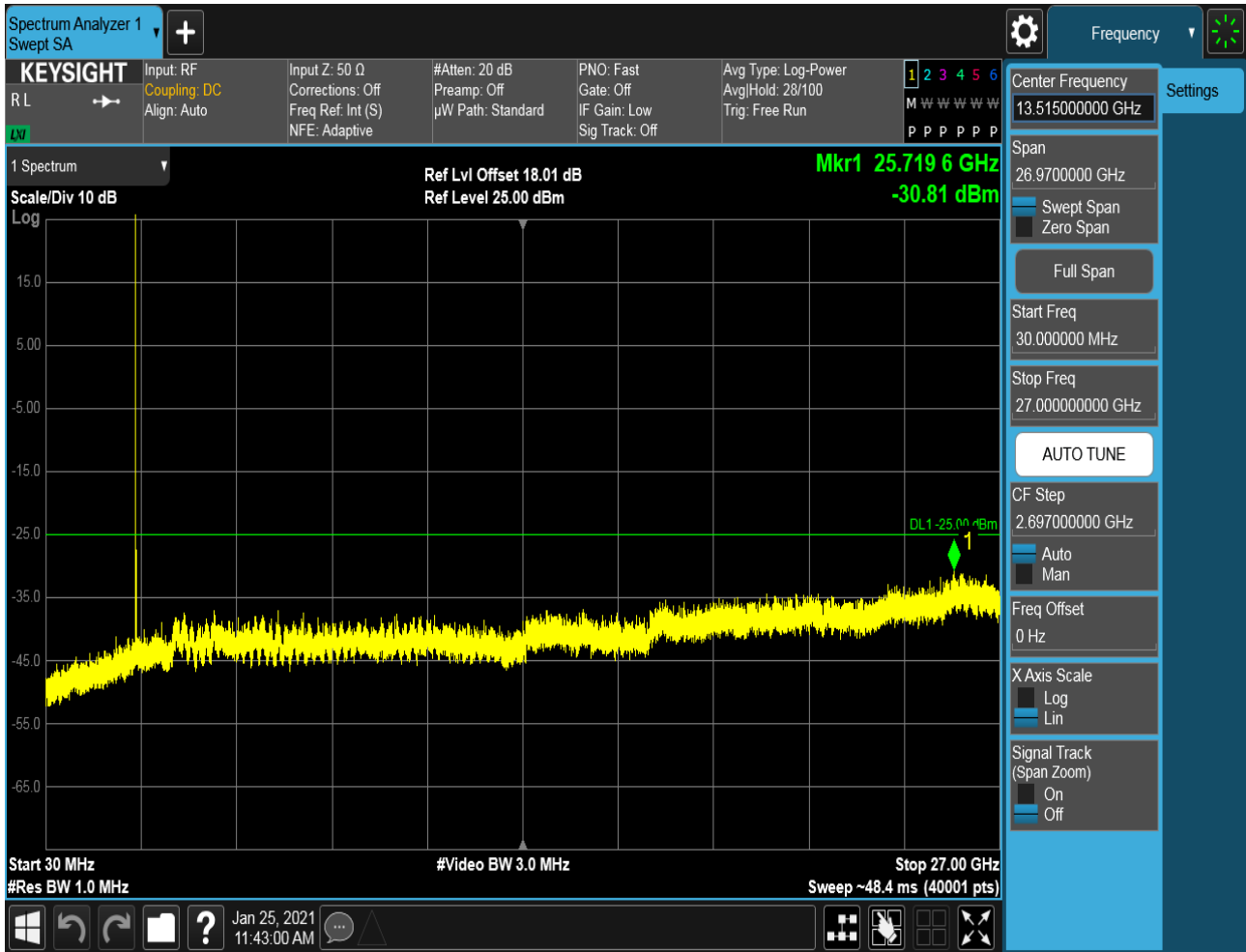


6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0



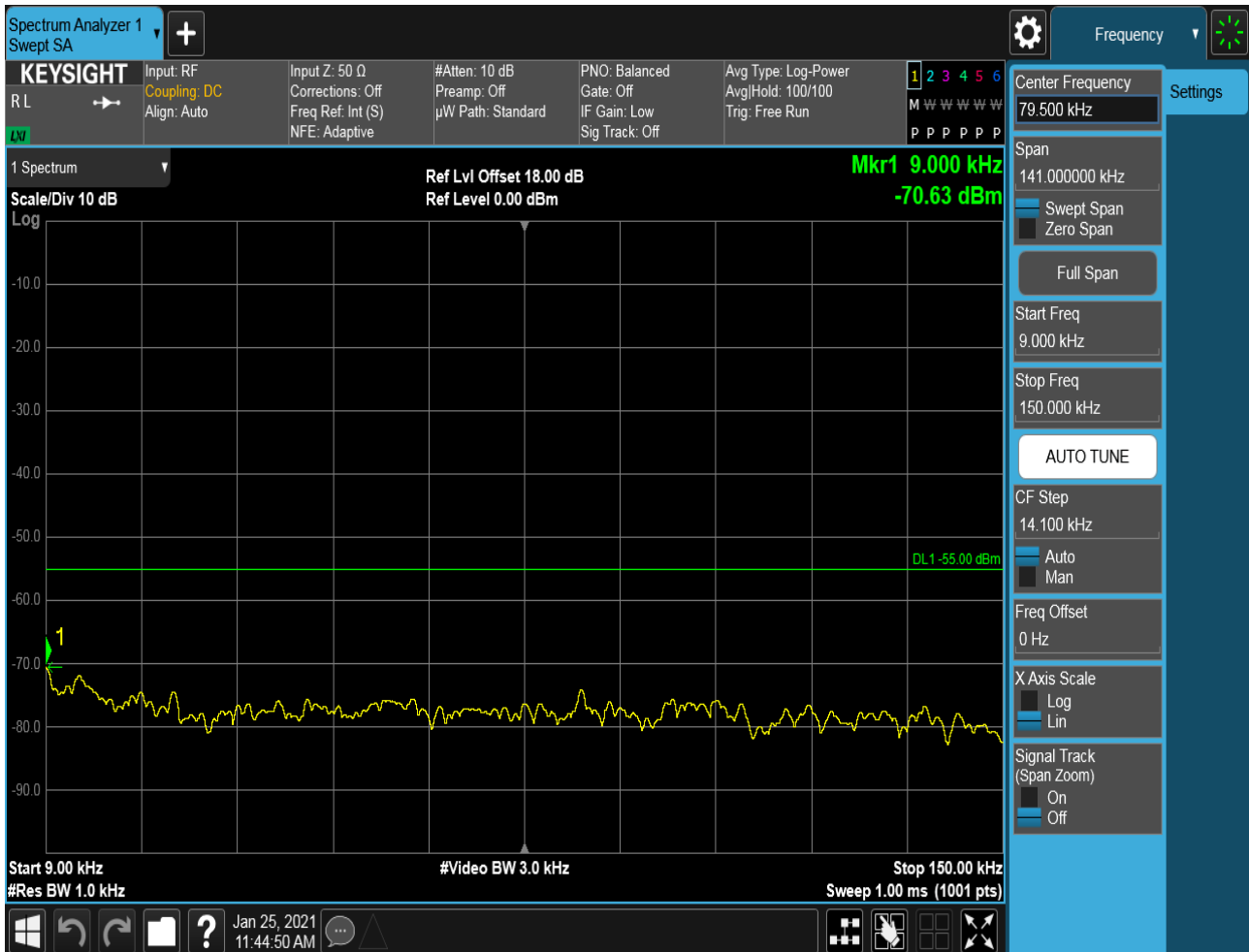


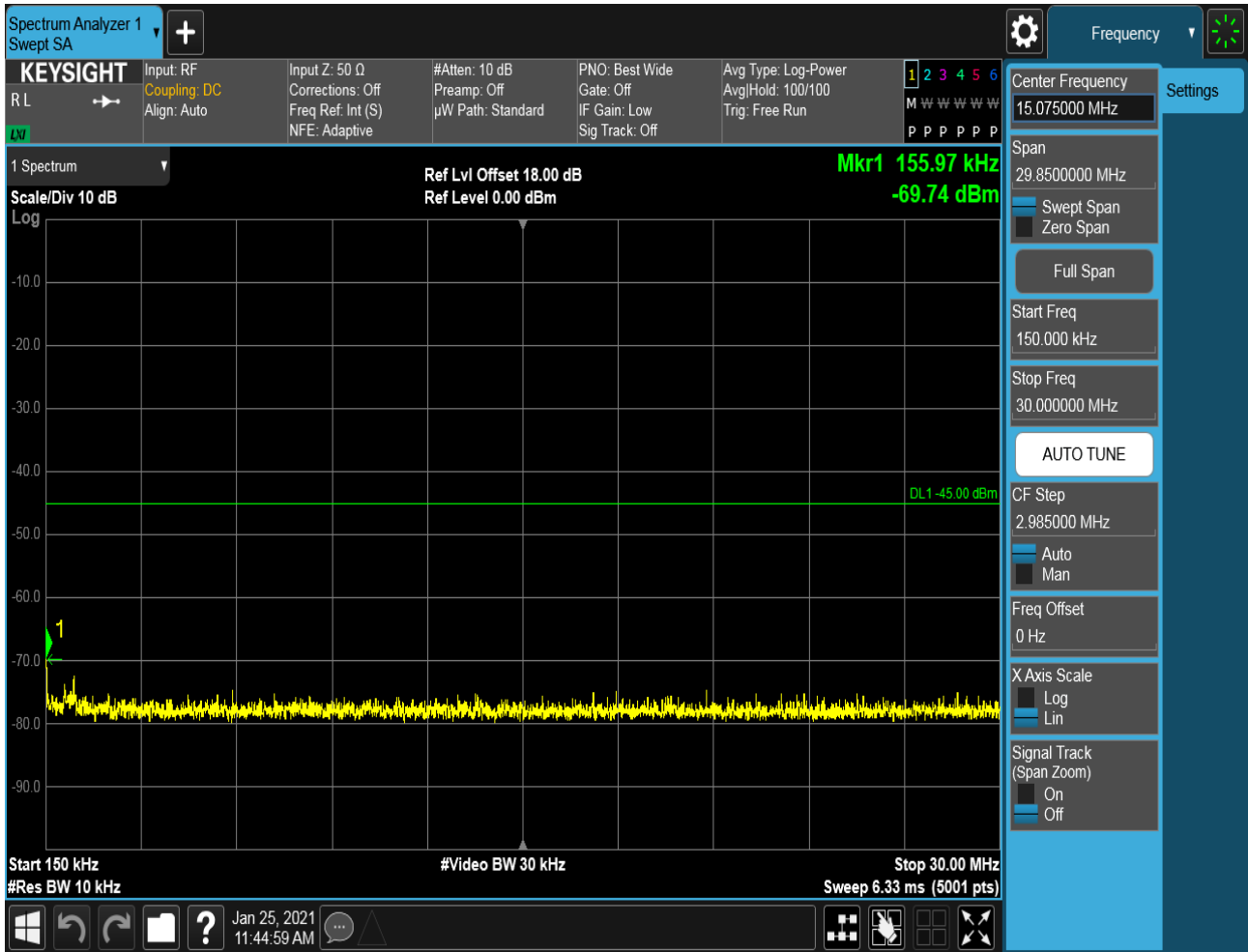


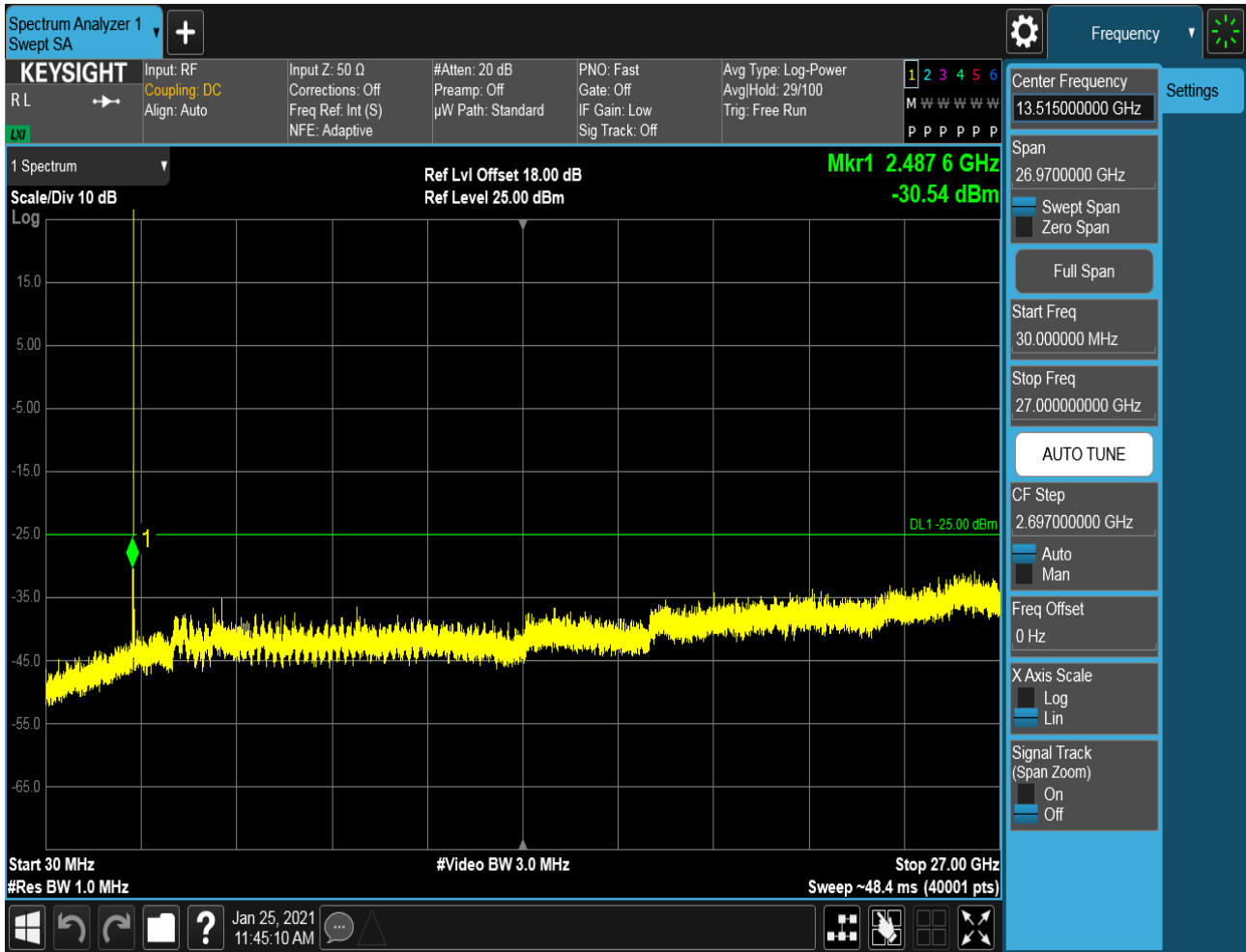
6.2.1.2.3 Test Bandwidth = 15

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0

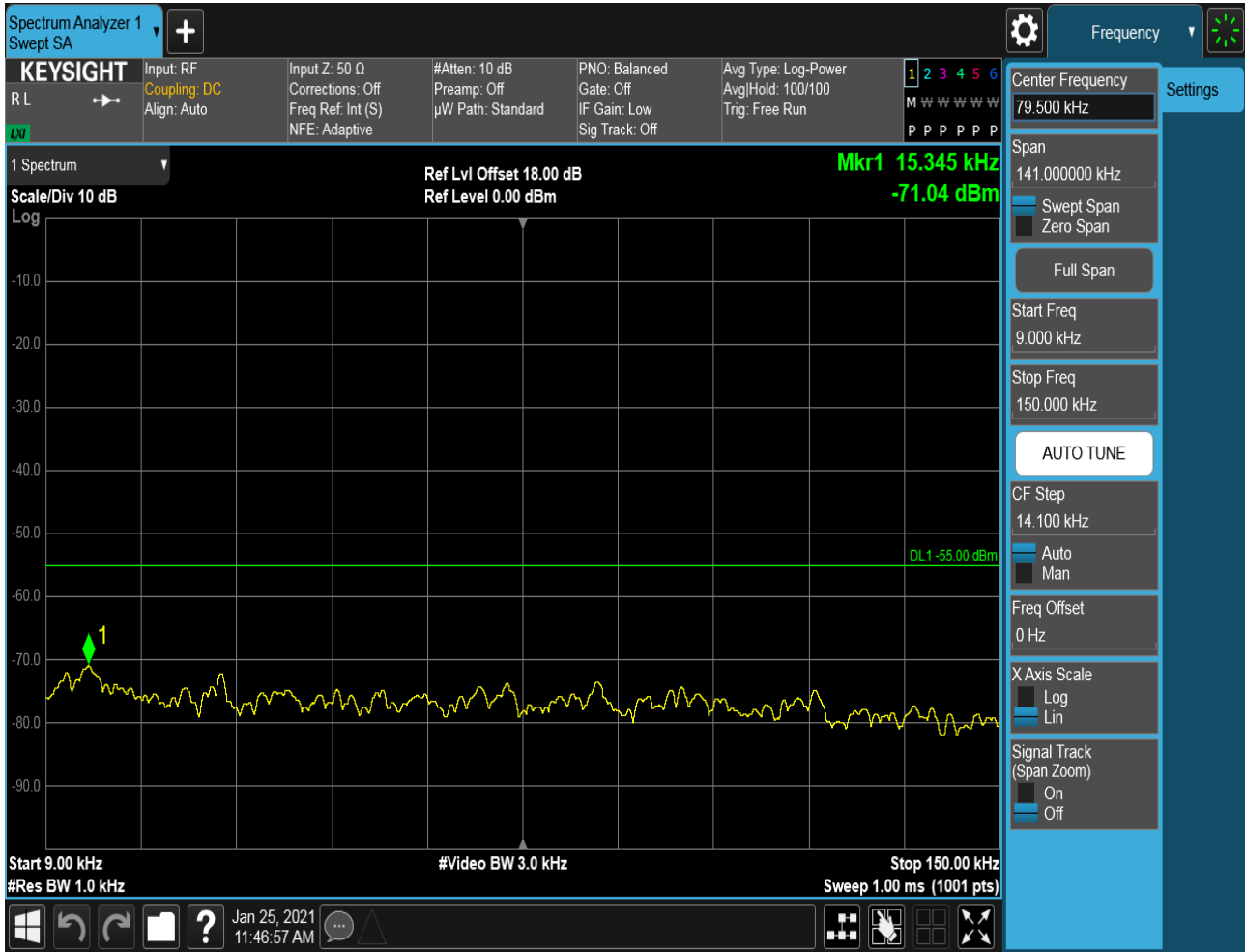


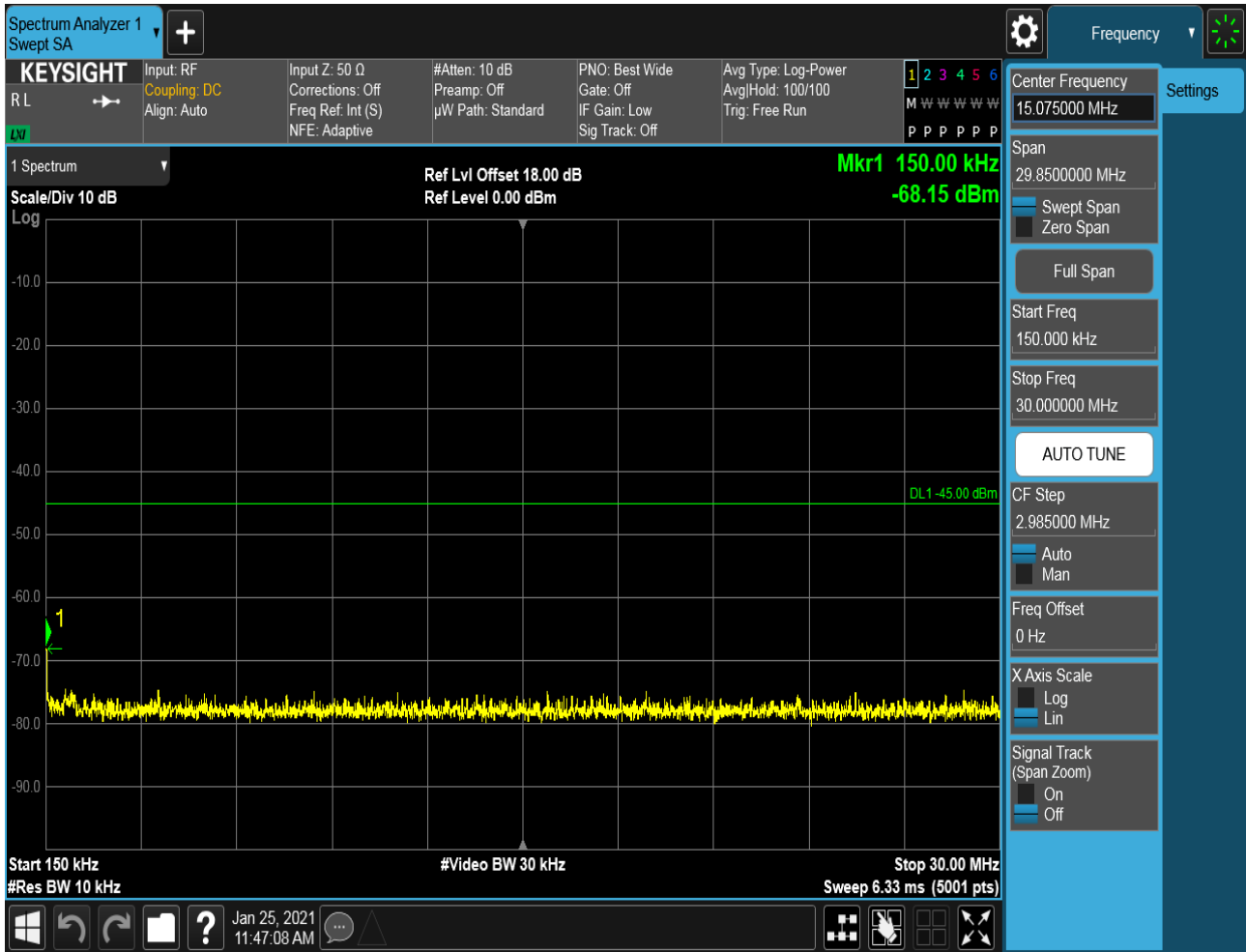


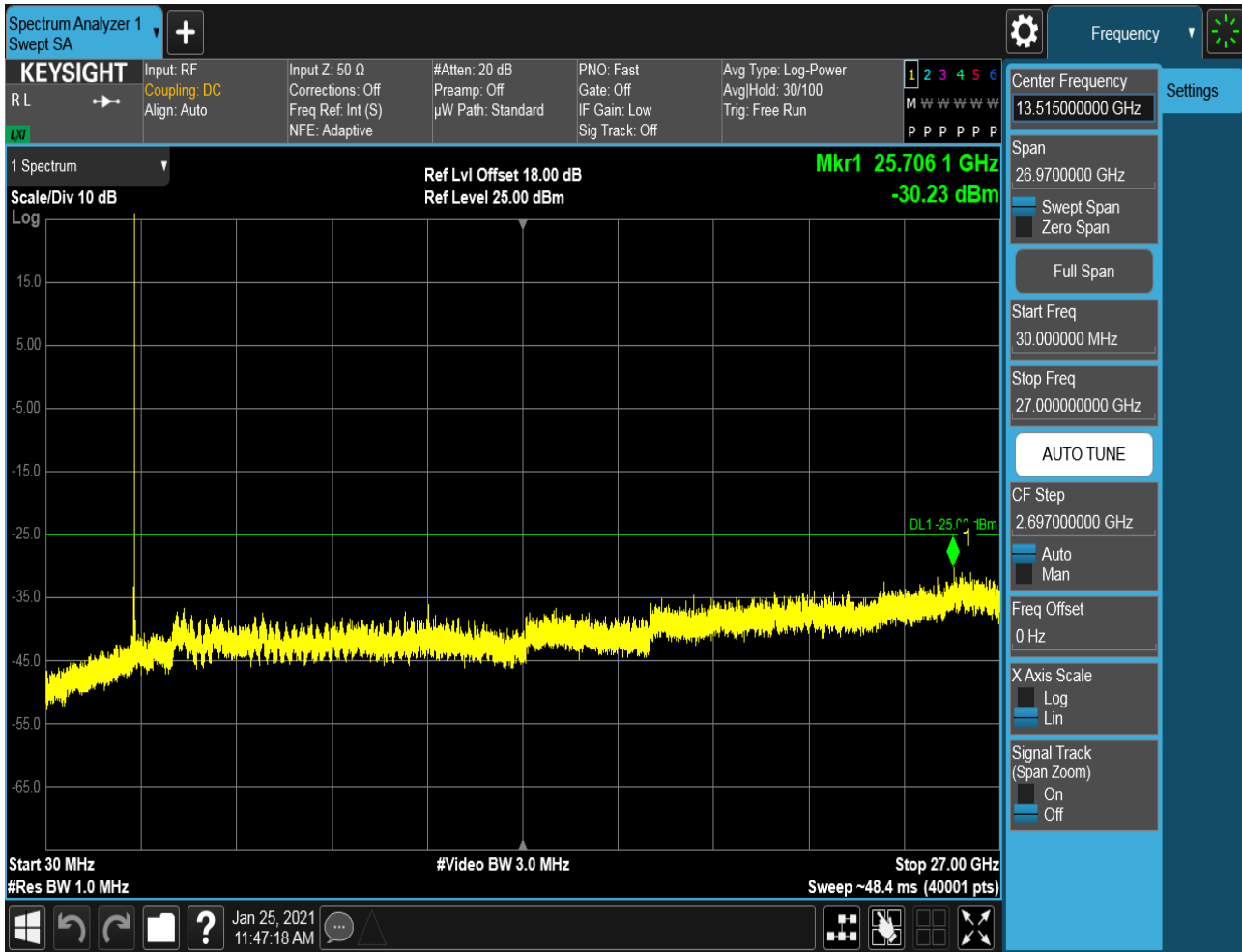


6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0

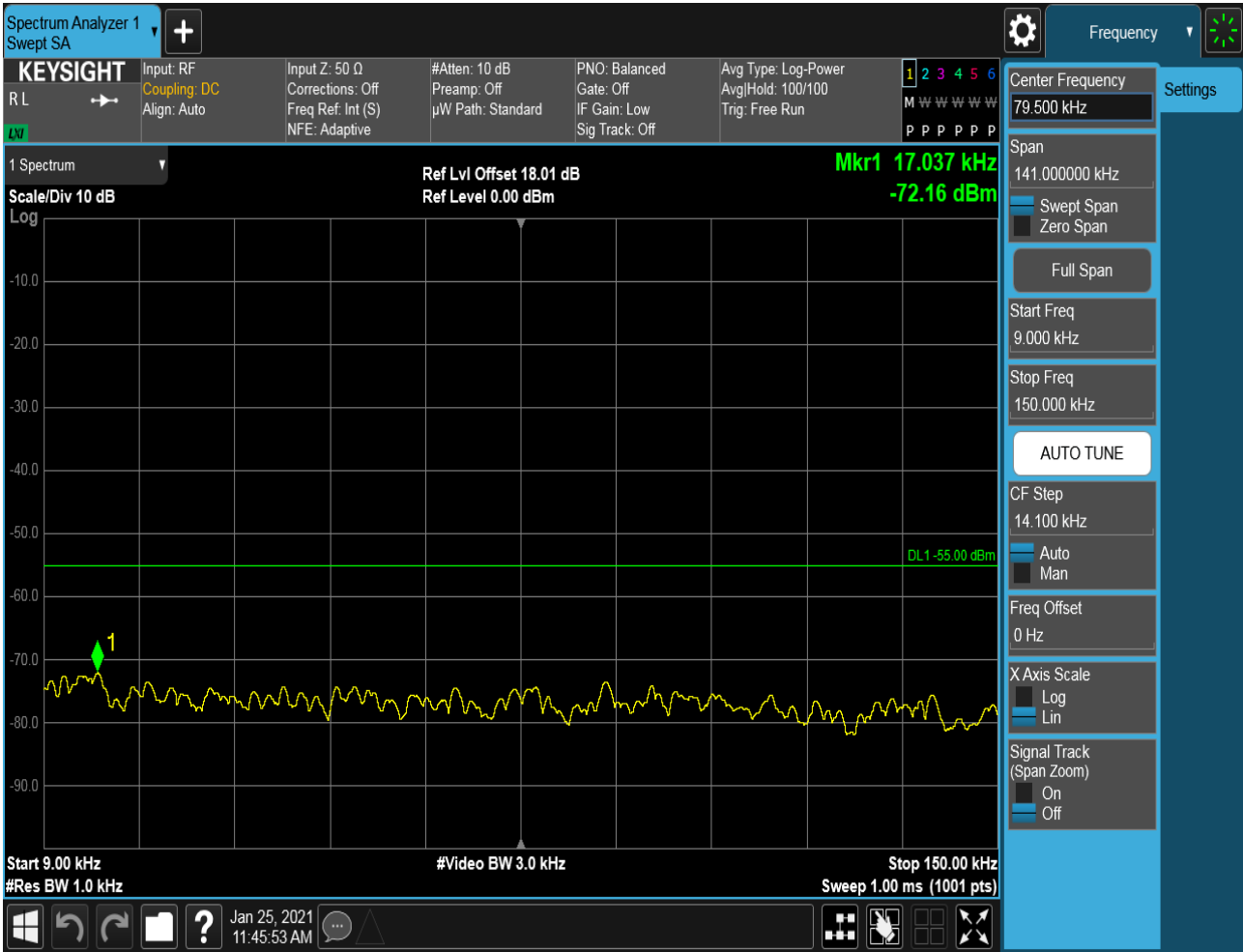


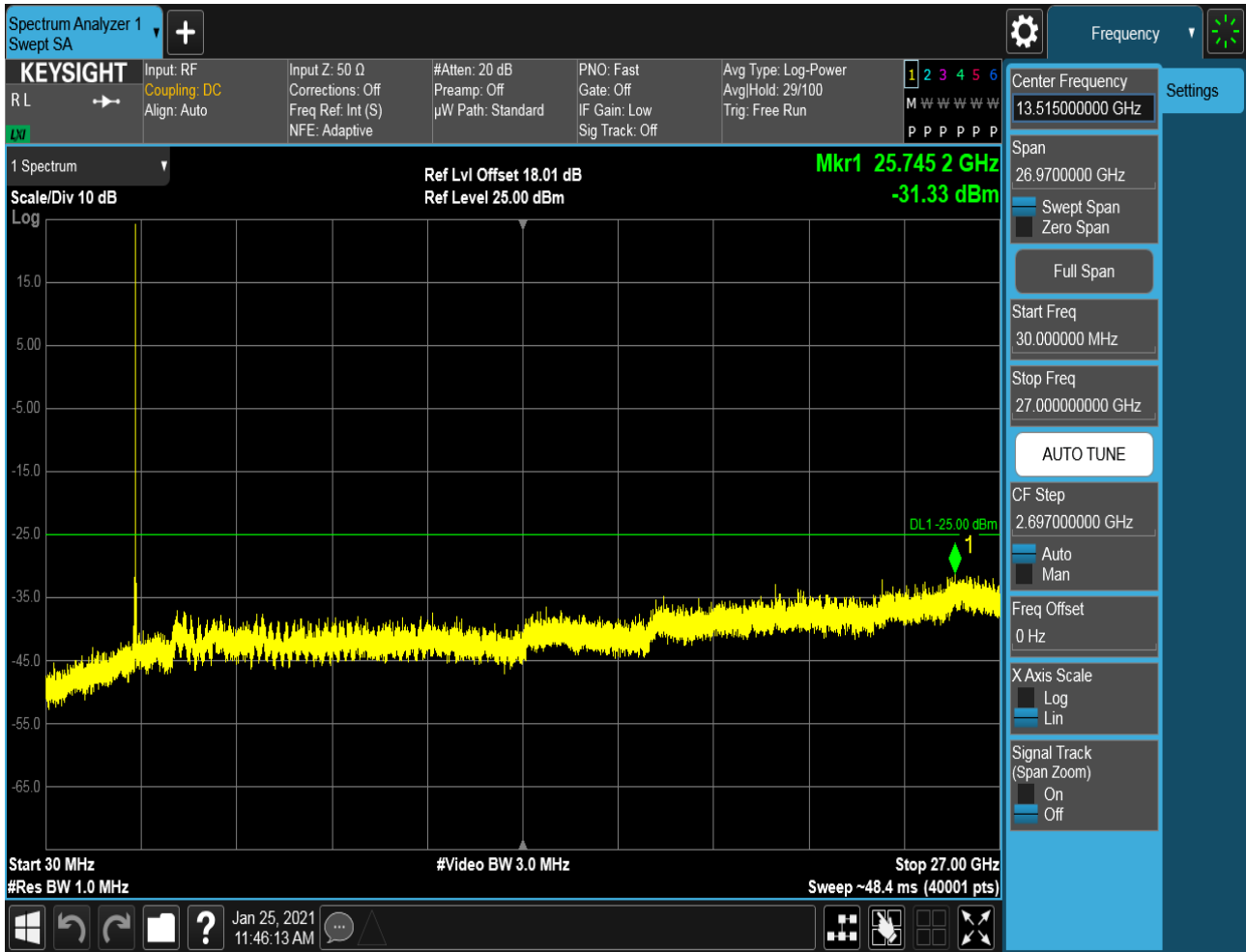




6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0

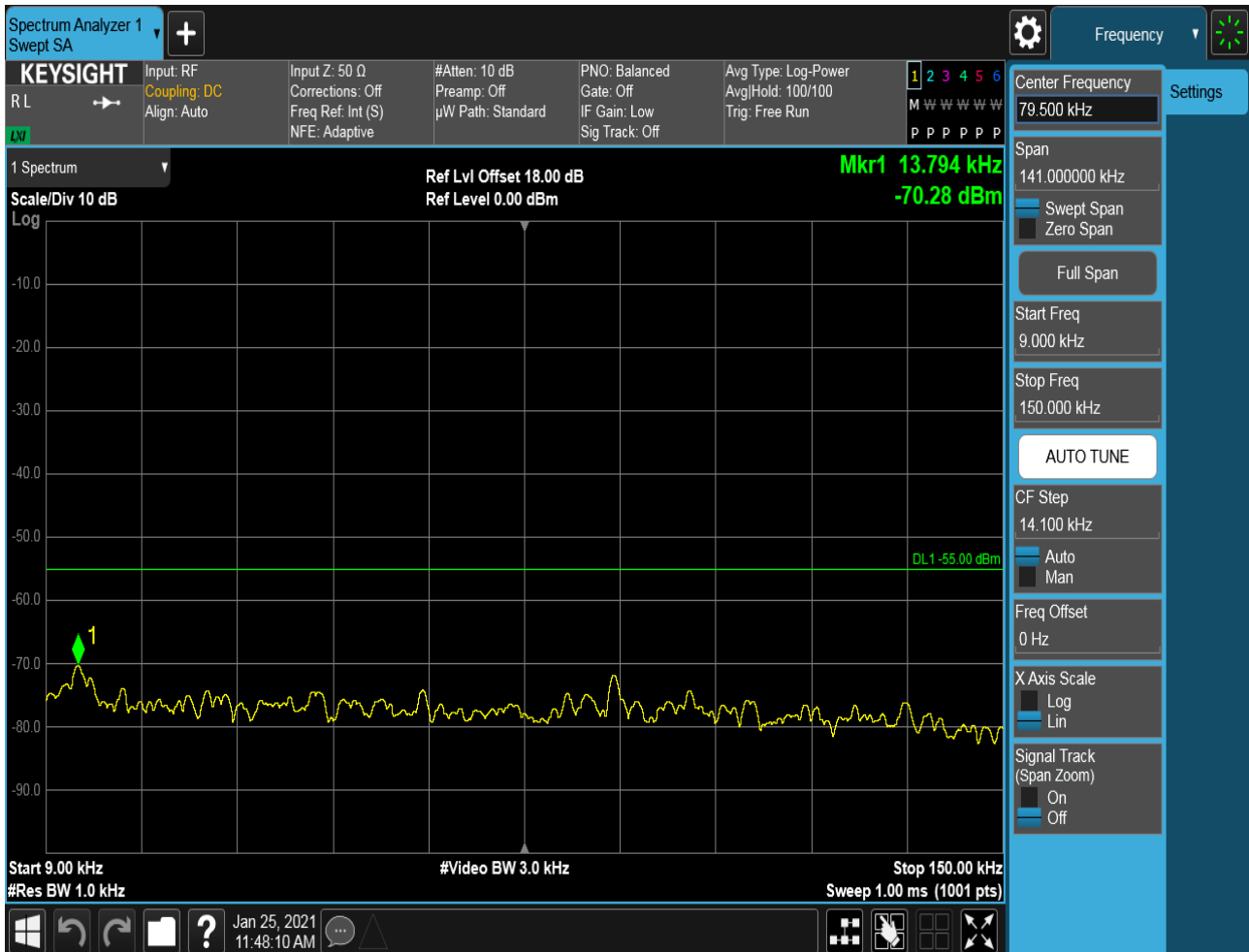


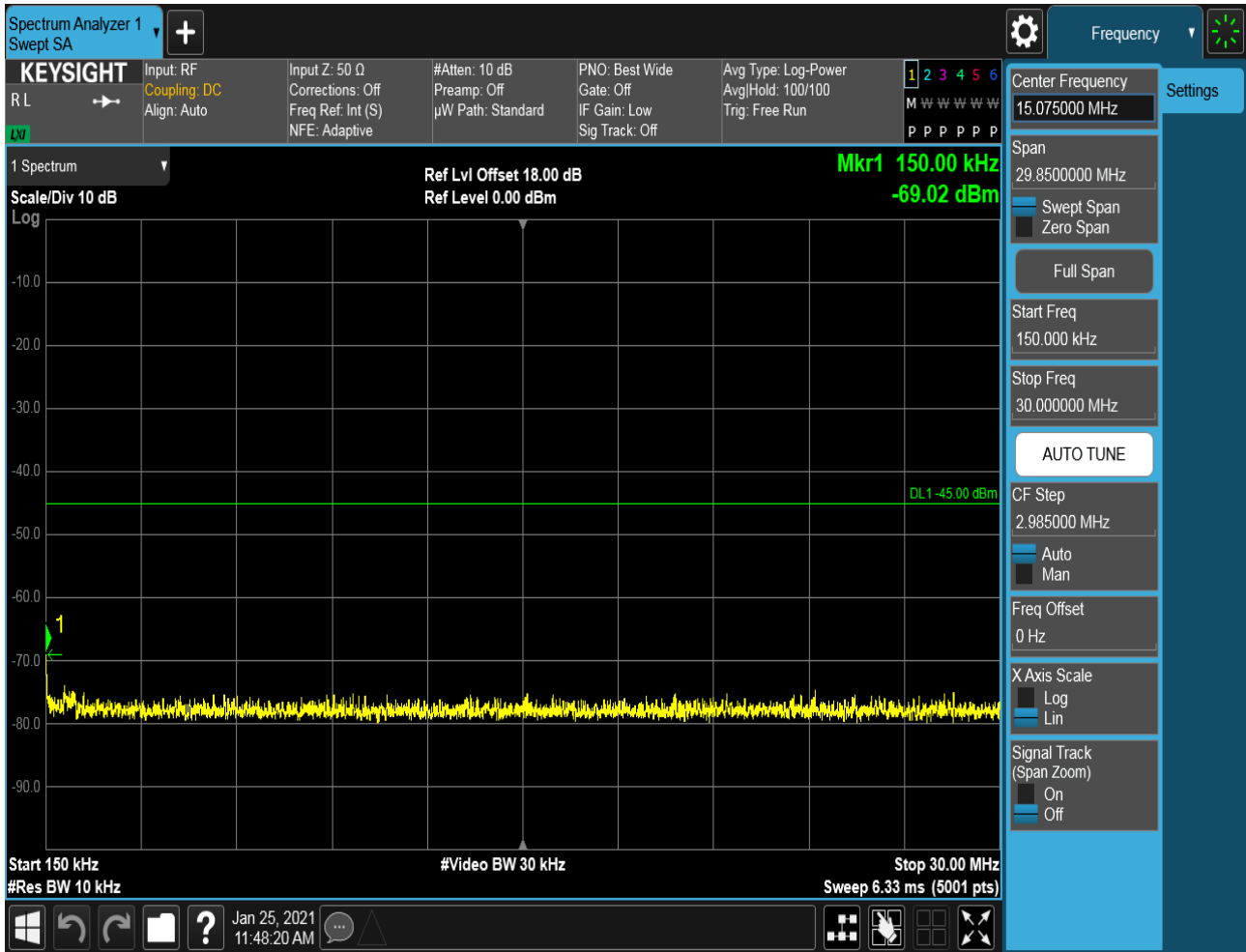


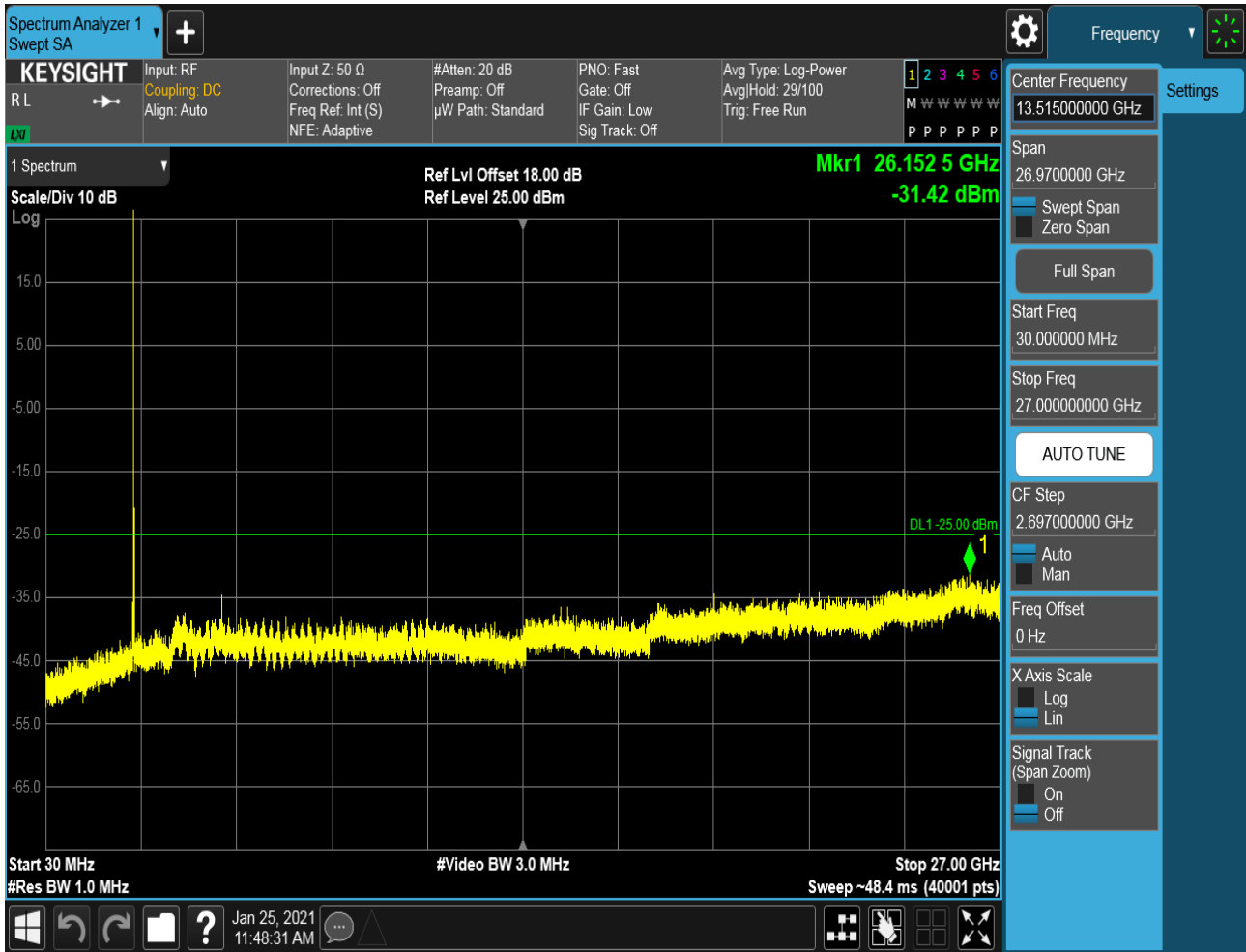
6.2.1.2.4 Test Bandwidth = 20

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0

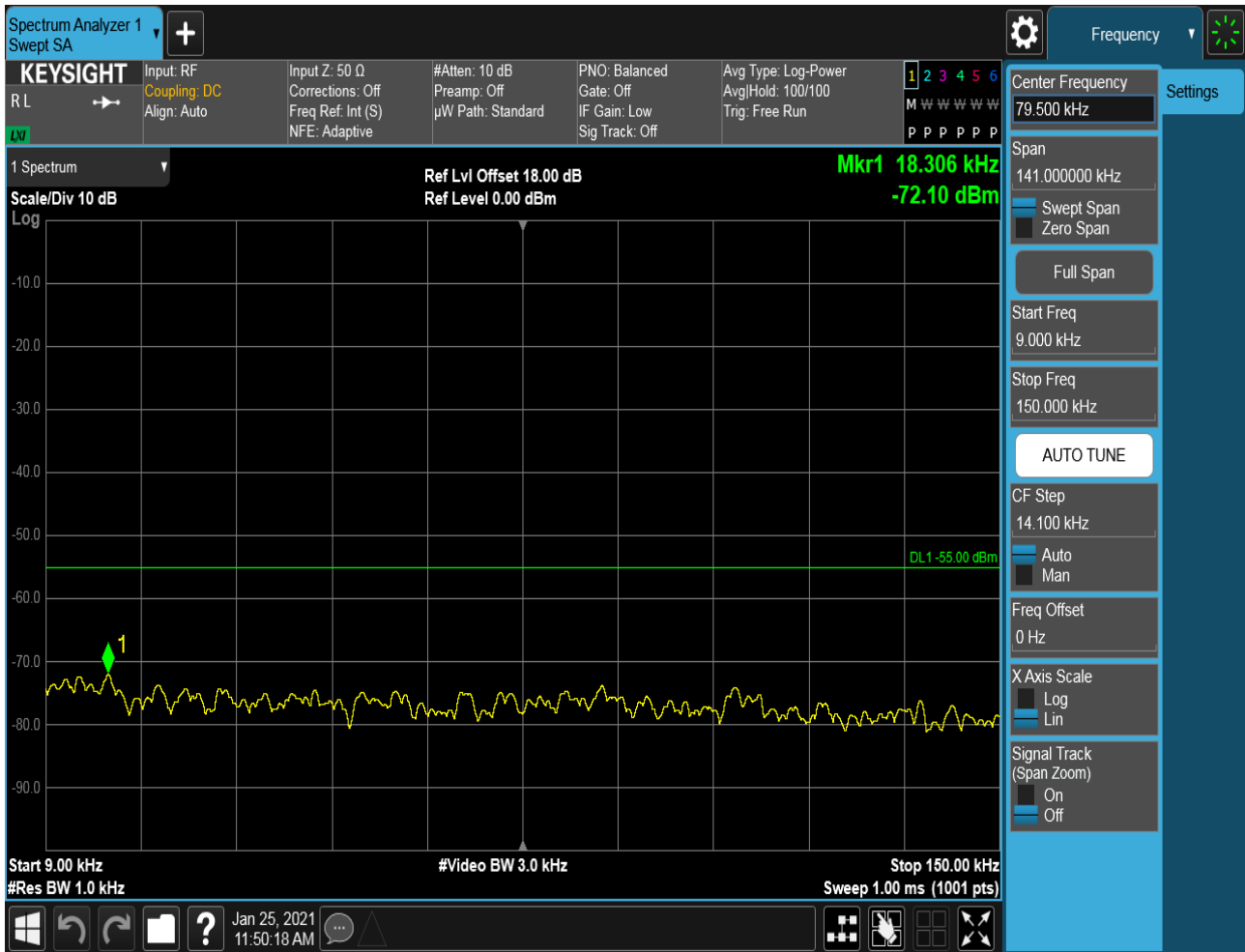


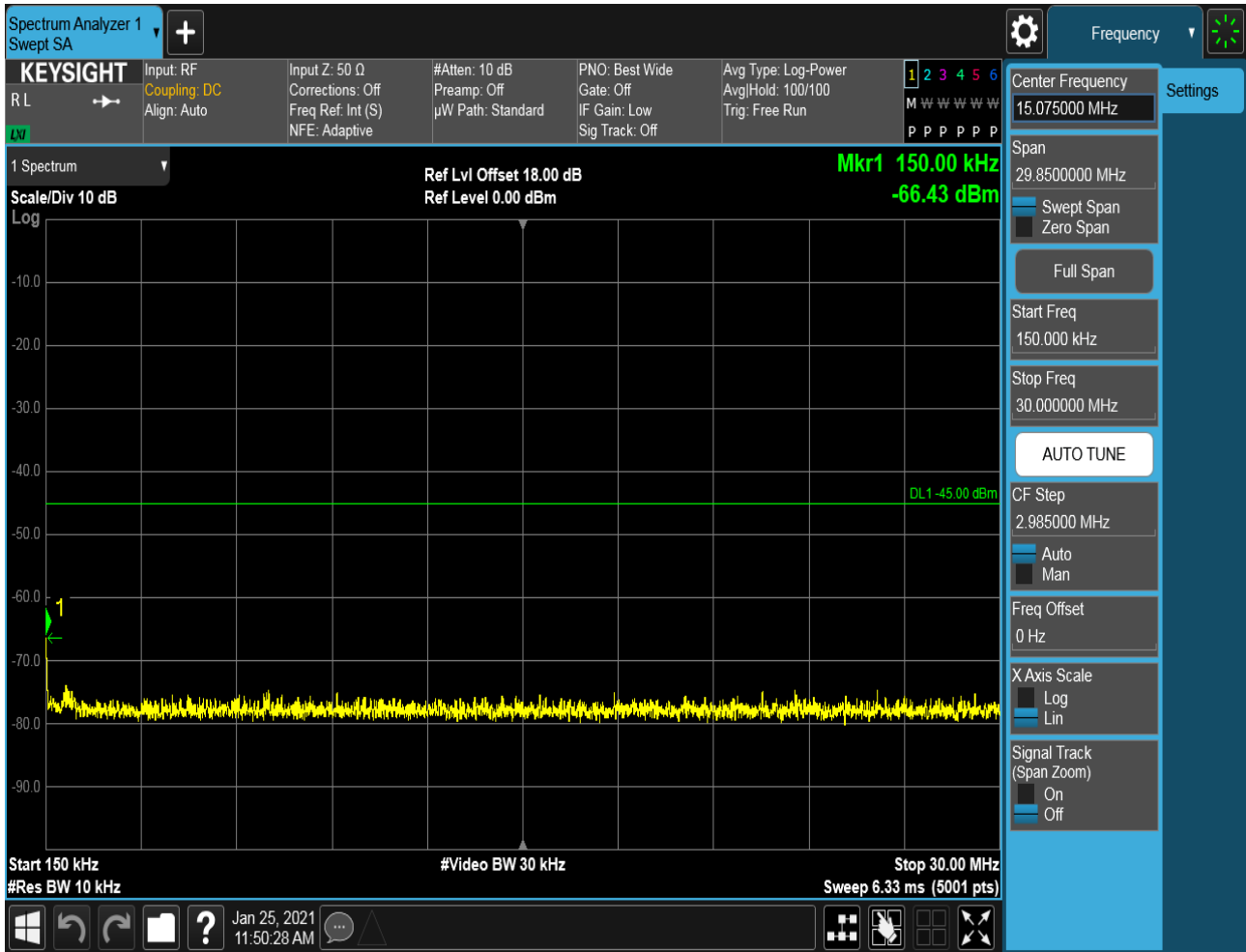


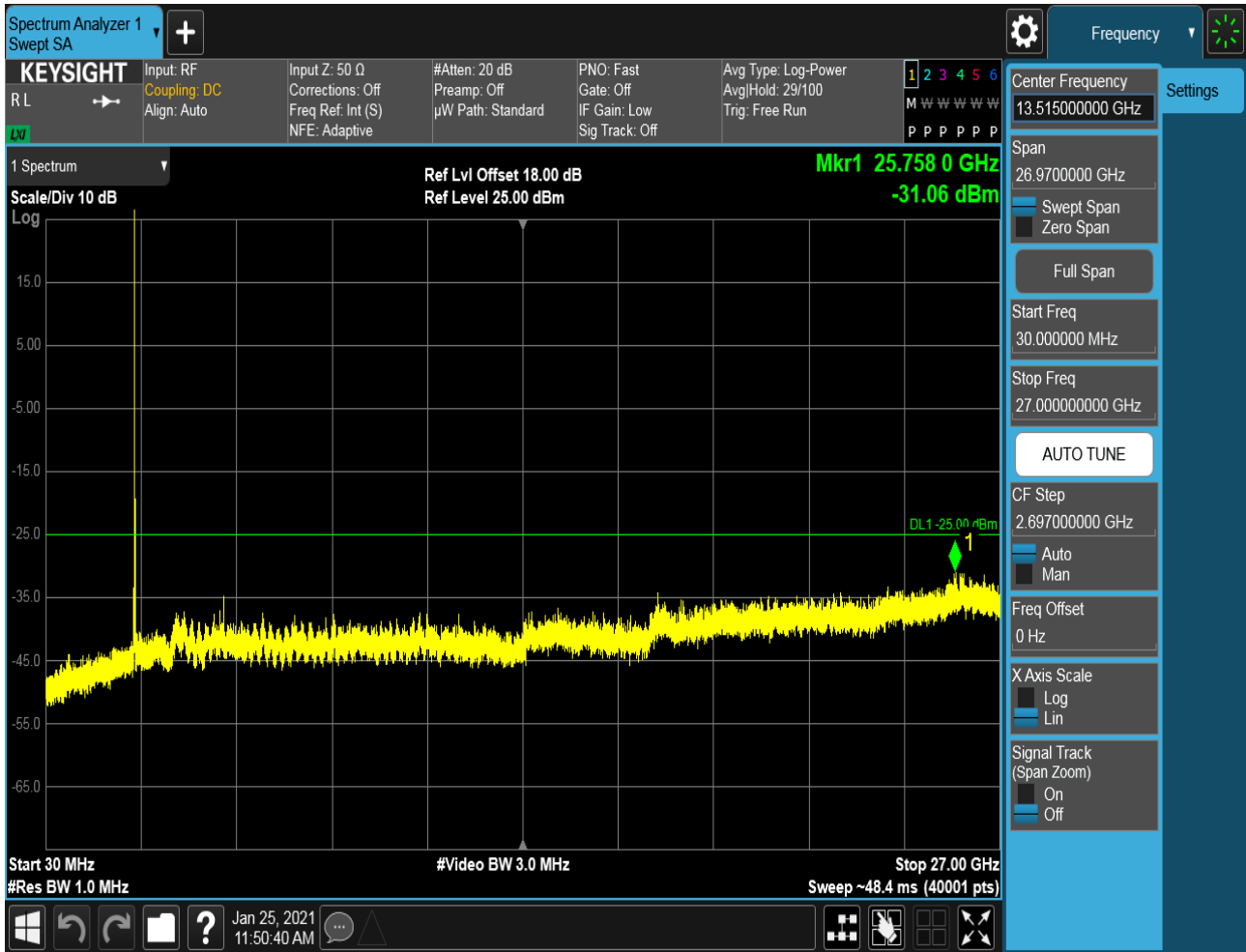


6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0

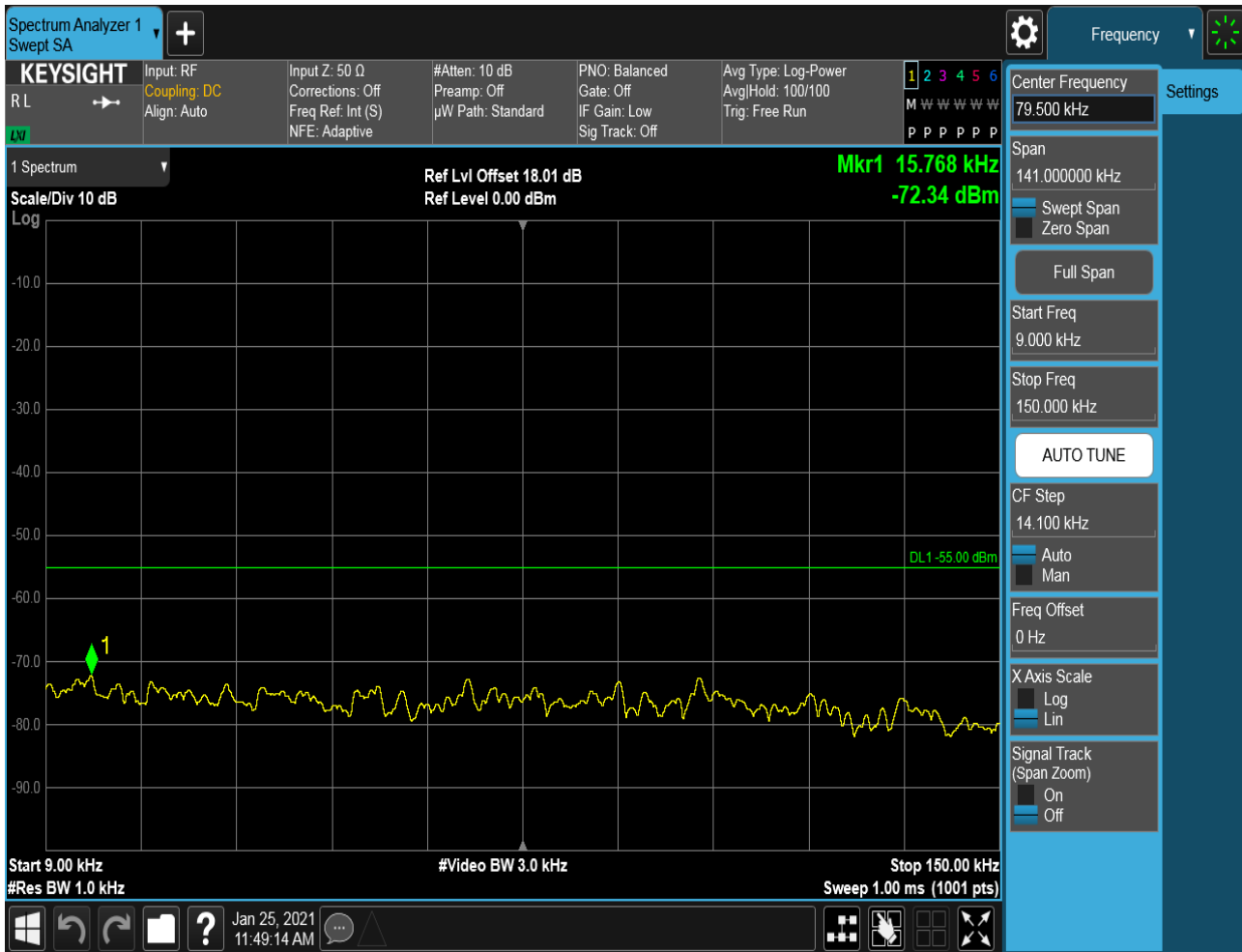


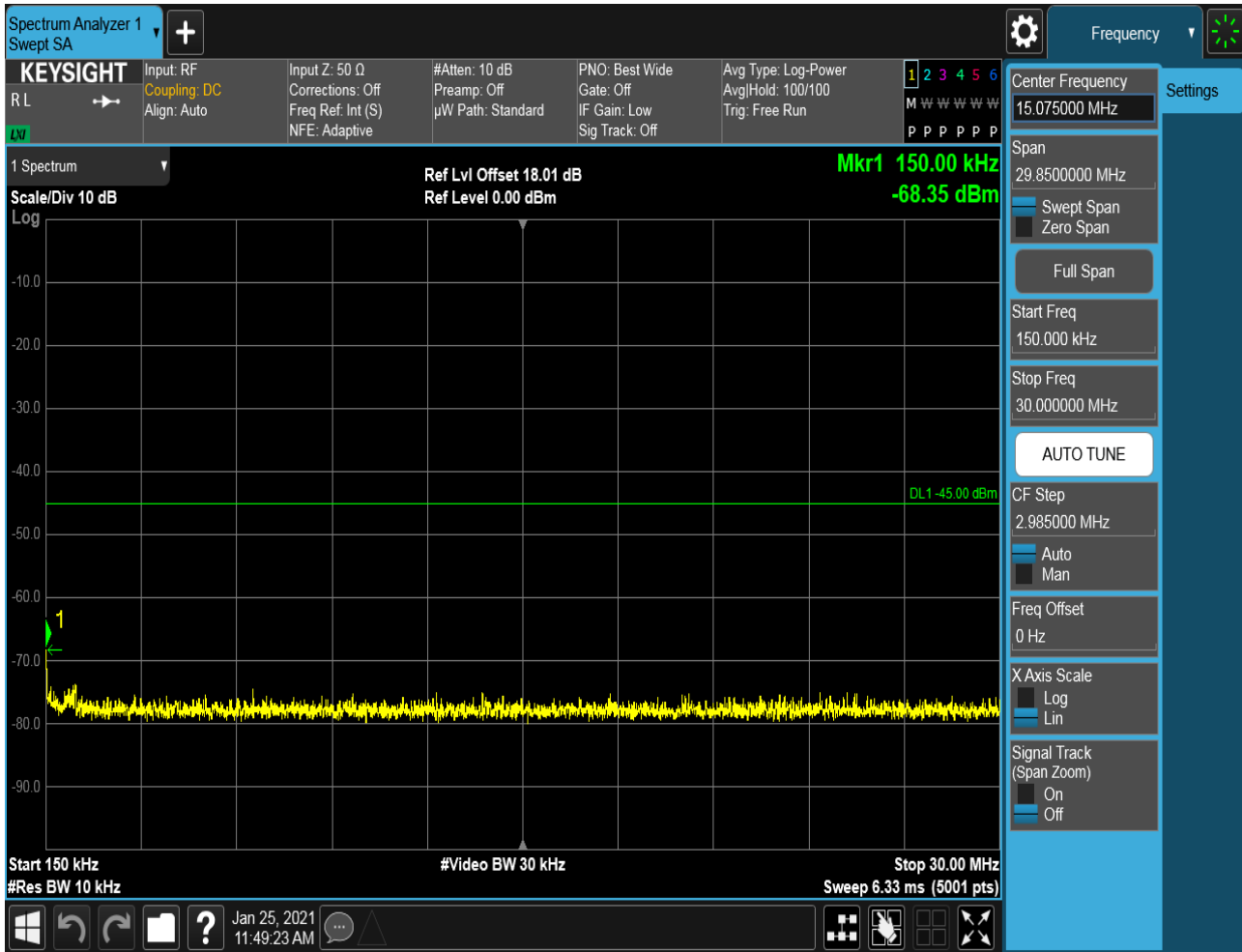


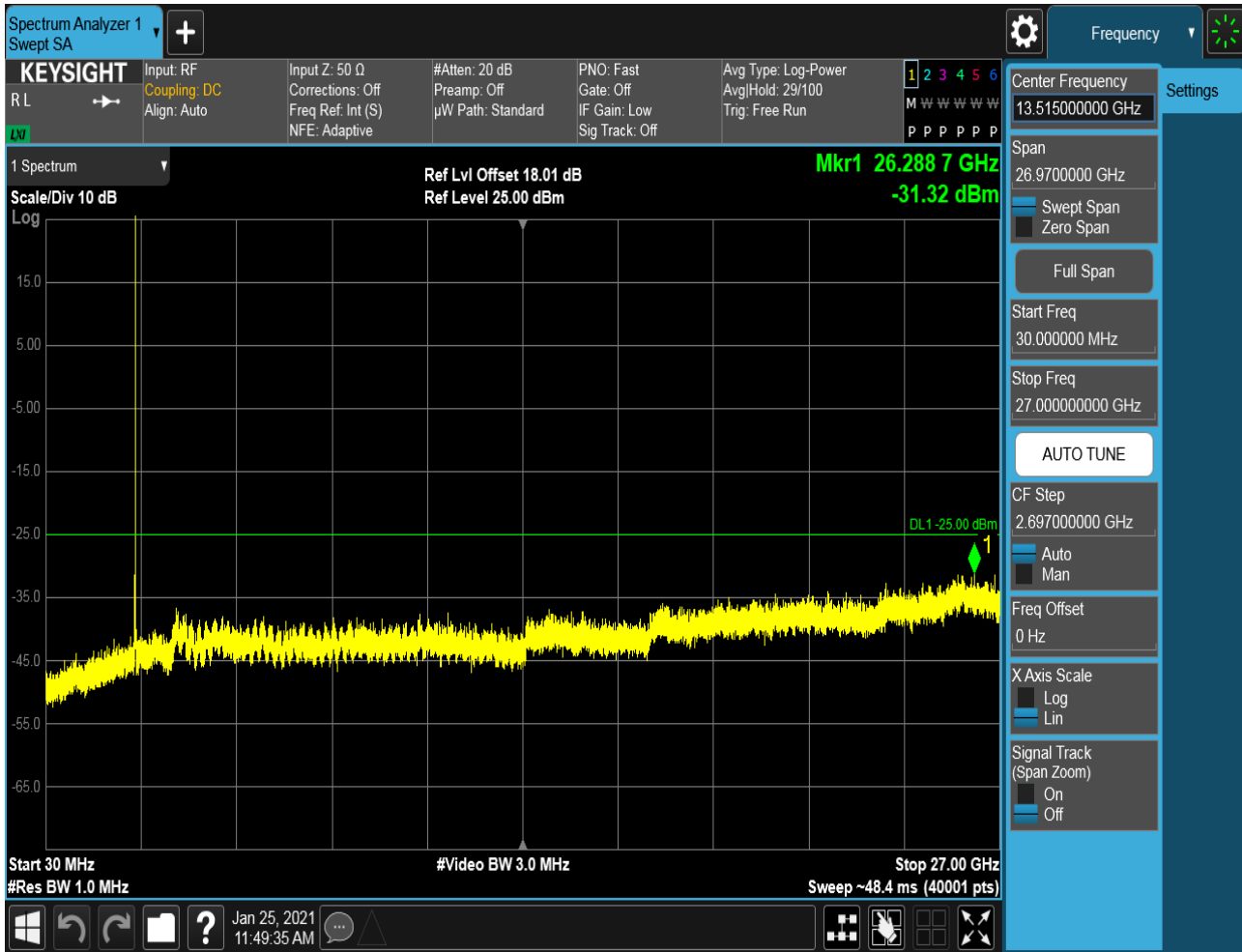


6.2.1.2.4.3 Test Channel = HCH

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

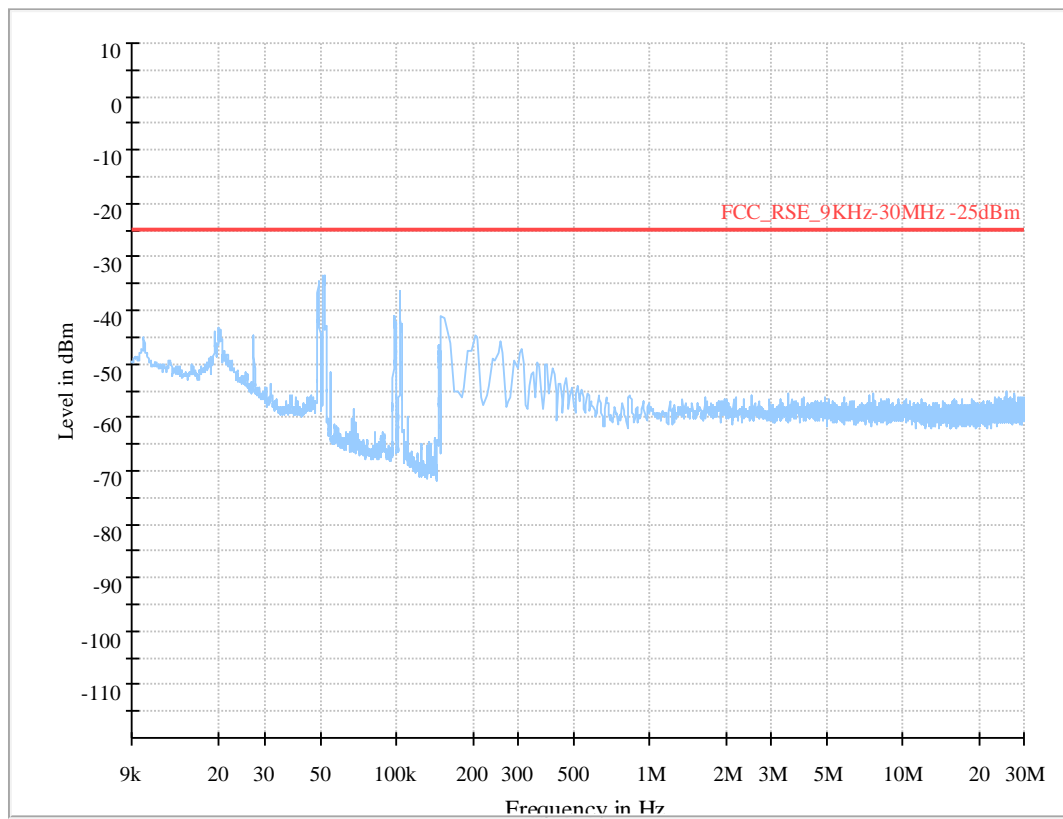
Part I - Test Plots

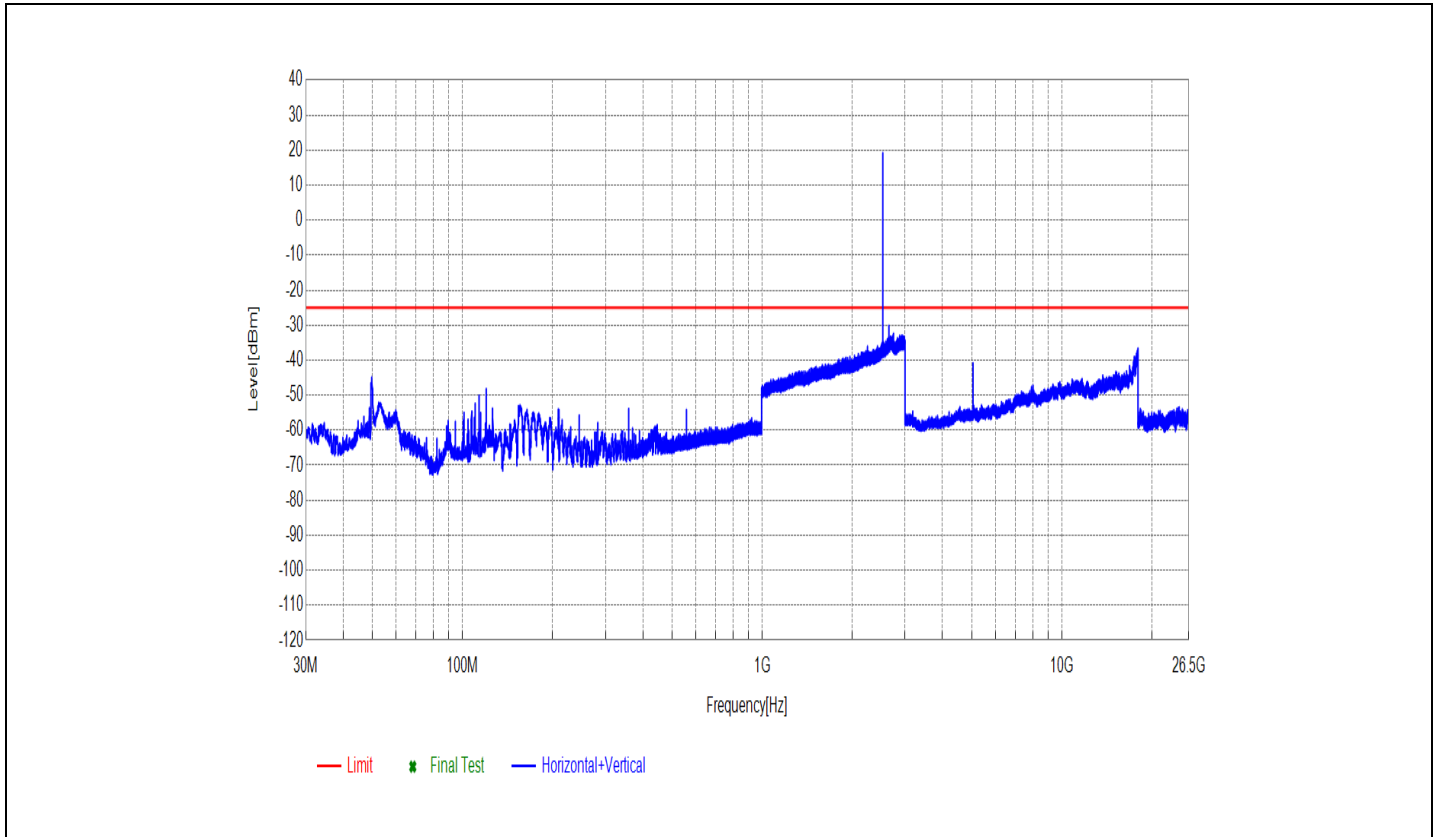
7.1 For LTE

7.1.1 Test Band = Band7

7.1.1.1 Test Bandwidth = 5

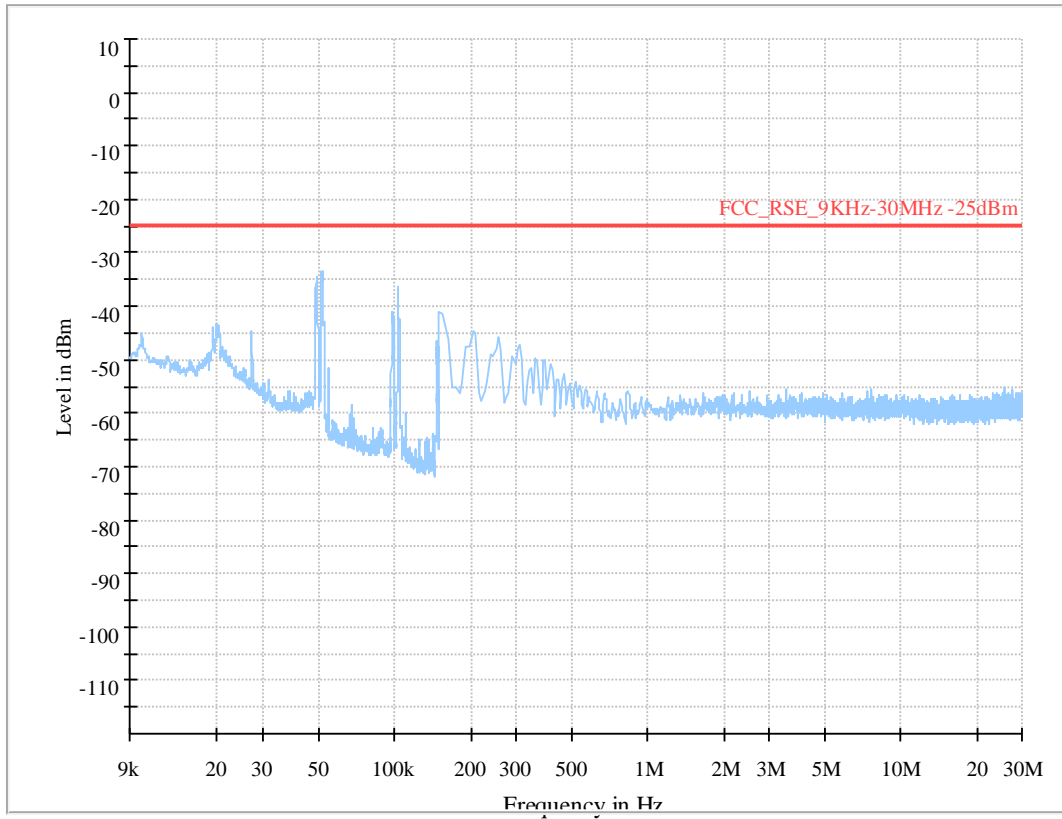
Worst case

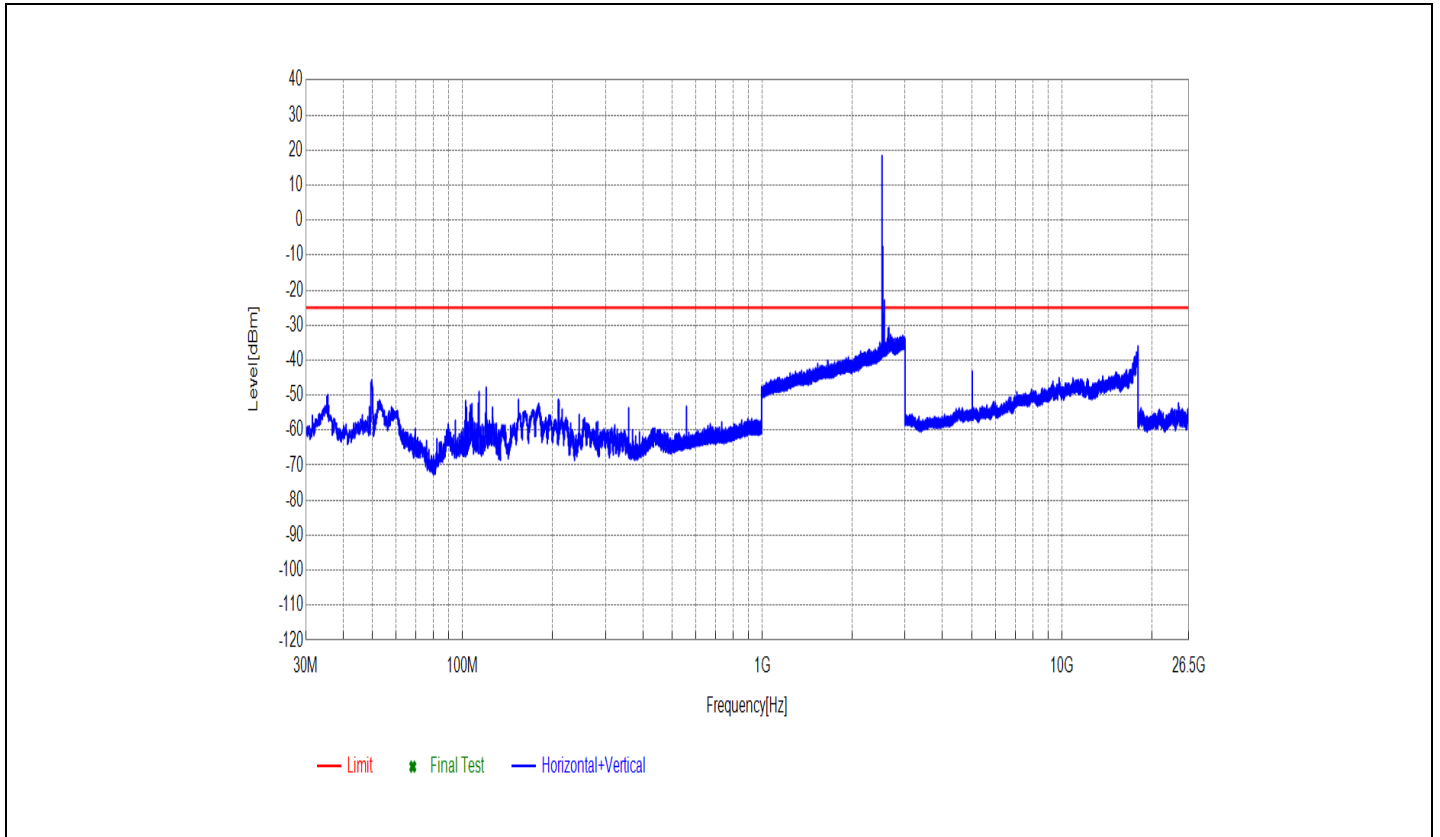




7.1.1.2 Test Bandwidth = 20

Worst case





8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1 Frequency 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	3.35583	0.00152	PASS
					VN	7.35283	0.00294	PASS
					VH	-6.89506	-0.00276	PASS
			MCH	TN	VL	3.33309	0.00131	PASS
					VN	9.98497	0.00394	PASS
					VH	-11.24382	-0.00444	PASS
			HCH	TN	VL	-4.70638	-0.00183	PASS
					VN	18.06736	0.00704	PASS
					VH	2.01702	0.00079	PASS
		10	LCH	TN	VL	-1.25885	-0.00050	PASS
					VN	-3.43323	-0.00137	PASS
					VH	0.17166	0.00007	PASS
			MCH	TN	VL	-2.10285	-0.00083	PASS
					VN	2.50339	0.00099	PASS
					VH	-0.08583	-0.00003	PASS
			HCH	TN	VL	-1.01566	-0.00040	PASS
					VN	-9.24110	-0.00360	PASS
					VH	-4.40597	-0.00172	PASS
		15	LCH	TN	VL	0.15736	0.00006	PASS
					VN	-3.44753	-0.00137	PASS
					VH	5.43594	0.00217	PASS
			MCH	TN	VL	-1.02997	-0.00041	PASS
					VN	2.66075	0.00105	PASS
					VH	-2.81811	-0.00111	PASS
			HCH	TN	VL	5.02109	0.00196	PASS
					VN	-1.08719	-0.00042	PASS
					VH	1.68800	0.00066	PASS
		20	LCH	TN	VL	-1.43051	-0.00057	PASS
					VN	-5.93662	-0.00237	PASS
					VH	-2.14577	-0.00085	PASS
			MCH	TN	VL	-3.94821	-0.00156	PASS
					VN	-6.89506	-0.00272	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
	LTE/TM2	5	HCH	TN	VH	-1.38760	-0.00055	PASS			
					VL	-4.06265	-0.00159	PASS			
					VN	-4.09126	-0.00160	PASS			
					VH	6.39439	0.00250	PASS			
			LCH	TN	VL	2.45212	0.00042	PASS			
					VN	1.02152	0.00013	PASS			
					VH	6.02252	0.00521	PASS			
					MCH	TN	VL	5.80788	0.00229	PASS	
							VN	5.67913	0.00224	PASS	
							VH	-11.75880	-0.00464	PASS	
			HCH	TN	VL	2.47478	0.00096	PASS			
					VN	1.10149	0.00043	PASS			
		VH			10.02789	0.00391	PASS				
		10			LCH	TN	VL	-3.94821	-0.00158	PASS	
							VN	-2.87533	-0.00115	PASS	
							VH	-0.94414	-0.00038	PASS	
			MCH	TN			VL	-1.38760	-0.00055	PASS	
							VN	2.81811	0.00111	PASS	
							VH	-2.47478	-0.00098	PASS	
			HCH	TN	VL	-2.20299	-0.00086	PASS			
					VN	-6.32286	-0.00247	PASS			
					VH	0.21458	0.00008	PASS			
					15	LCH	TN	VL	0.12875	0.00005	PASS
								VN	2.63214	0.00105	PASS
								VH	1.67370	0.00067	PASS
		MCH	TN	VL				-0.08583	-0.00003	PASS	
				VN				0.81539	0.00032	PASS	
				VH				-1.08719	-0.00043	PASS	
		HCH	TN	VL		-2.16007	-0.00084	PASS			
				VN		-2.58923	-0.00101	PASS			
				VH		-2.76089	-0.00108	PASS			
				20		LCH	TN	VL	1.44482	0.00058	PASS
								VN	-1.08719	-0.00043	PASS
								VH	-3.56197	-0.00142	PASS
		MCH	TN		VL			-7.58171	-0.00299	PASS	
					VN			1.83106	0.00072	PASS	
					VH			-4.00543	-0.00158	PASS	
		HCH	TN		VL	1.35899	0.00053	PASS			
					VN	-0.57220	-0.00022	PASS			
					VH	-2.63214	-0.00103	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	7.96795	0.00318	PASS
					-20	7.85351	0.00314	PASS
					-10	-0.45776	-0.00018	PASS
					0	6.16550	0.00246	PASS
					10	1.34468	0.00054	PASS
					20	7.35283	0.00294	PASS
					30	3.67641	0.00147	PASS
					40	-1.28746	-0.00051	PASS
					50	-8.48293	-0.00339	PASS
			MCH	VN	-30	1.54495	0.00061	PASS
					-20	5.29289	0.00209	PASS
					-10	0.97275	0.00038	PASS
		0			-2.94685	-0.00116	PASS	
		10			-0.14305	-0.00006	PASS	
		20			9.98497	0.00394	PASS	
		30			5.06401	0.00200	PASS	
		40			-3.73364	-0.00147	PASS	
		50			6.23703	0.00246	PASS	
		HCH	VN	-30	5.16415	0.00201	PASS	
				-20	-2.93255	-0.00114	PASS	
				-10	0.61512	0.00024	PASS	
				0	0.71526	0.00028	PASS	
				10	-11.40118	-0.00444	PASS	
				20	18.06736	0.00704	PASS	
				30	4.93527	0.00192	PASS	
				40	-3.39031	-0.00132	PASS	
				50	8.33988	0.00325	PASS	
		10	LCH	VN	-30	-1.04427	-0.00042	PASS
					-20	1.10149	0.00044	PASS
					-10	8.21114	0.00328	PASS
0	-8.12531				-0.00324	PASS		
10	-6.85215				-0.00274	PASS		
20	-3.43323				-0.00137	PASS		
30	8.68320				0.00347	PASS		
40	-6.07967				-0.00243	PASS		
50	-0.22888				-0.00009	PASS		
MCH	VN		-30	-7.72476	-0.00305	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		15			-20	-4.39167	-0.00173	PASS
					-10	-6.63757	-0.00262	PASS
					0	-7.59602	-0.00300	PASS
					10	-0.68665	-0.00027	PASS
					20	2.50339	0.00099	PASS
					30	2.63214	0.00104	PASS
					40	-3.73364	-0.00147	PASS
					50	2.78950	0.00110	PASS
			HCH	VN	-30	-0.32902	-0.00013	PASS
					-20	-14.71996	-0.00574	PASS
					-10	-7.51018	-0.00293	PASS
					0	-0.25749	-0.00010	PASS
					10	-4.67777	-0.00182	PASS
					20	-9.24110	-0.00360	PASS
					30	-8.68320	-0.00339	PASS
					40	-2.51770	-0.00098	PASS
			LCH	VN	-30	6.23703	0.00249	PASS
					-20	9.97067	0.00398	PASS
					-10	2.34604	0.00094	PASS
					0	-1.17302	-0.00047	PASS
					10	0.85831	0.00034	PASS
					20	-3.44753	-0.00137	PASS
					30	5.50747	0.00220	PASS
					40	-4.57764	-0.00183	PASS
			MCH	VN	-30	-6.52313	-0.00257	PASS
					-20	-1.02997	-0.00041	PASS
					-10	-7.03812	-0.00278	PASS
					0	-5.85079	-0.00231	PASS
		10			-4.74930	-0.00187	PASS	
		20			2.66075	0.00105	PASS	
		30			-3.96252	-0.00156	PASS	
		40			-6.75201	-0.00266	PASS	
		HCH	VN	-30	6.12259	0.00239	PASS	
				-20	-0.08583	-0.00003	PASS	
				-10	9.85622	0.00385	PASS	
				0	-2.53200	-0.00099	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			LCH	VN	10	8.48293	0.00331	PASS
					20	-1.08719	-0.00042	PASS
					30	6.63757	0.00259	PASS
					40	5.70774	0.00223	PASS
					50	-3.57628	-0.00140	PASS
					-30	1.25885	0.00050	PASS
					-20	5.36442	0.00214	PASS
					-10	-0.58651	-0.00023	PASS
					0	0.85831	0.00034	PASS
					10	3.53336	0.00141	PASS
		20	-5.93662	-0.00237	PASS			
		30	0.91553	0.00036	PASS			
		40	-3.17573	-0.00127	PASS			
		50	6.89506	0.00275	PASS			
		-30	-2.40326	-0.00095	PASS			
		-20	-4.43459	-0.00175	PASS			
		-10	-9.05514	-0.00357	PASS			
		0	3.57628	0.00141	PASS			
		10	-0.41485	-0.00016	PASS			
		20	-6.89506	-0.00272	PASS			
	30	-0.81539	-0.00032	PASS				
	40	0.57220	0.00023	PASS				
	50	2.86102	0.00113	PASS				
	-30	-0.41485	-0.00016	PASS				
	-20	2.38895	0.00093	PASS				
	-10	8.31127	0.00325	PASS				
	0	1.38760	0.00054	PASS				
	10	5.20706	0.00203	PASS				
	20	-4.09126	-0.00160	PASS				
	30	3.29018	0.00129	PASS				
	40	0.47207	0.00018	PASS				
	50	0.47207	0.00018	PASS				
	-30	2.25214	0.00002	PASS				
	-20	-0.55145	-0.00007	PASS				
	-10	1.30214	0.00241	PASS				
	0	4.12317	0.00134	PASS				
	10	1.17231	0.00051	PASS				
	20	3.72123	0.00125	PASS				
	30	0.28610	0.00011	PASS				
	LTE/TM2	5	LCH	VN	-30	2.25214	0.00002	PASS
				-20	-0.55145	-0.00007	PASS	
				-10	1.30214	0.00241	PASS	
				0	4.12317	0.00134	PASS	
				10	1.17231	0.00051	PASS	
				20	3.72123	0.00125	PASS	
				30	0.28610	0.00011	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		10			40	6.81241	0.00252	PASS
					50	2.52504	0.00215	PASS
			MCH	VN	-30	4.23431	0.00167	PASS
					-20	-0.18597	-0.00007	PASS
					-10	-0.21458	-0.00008	PASS
					0	-4.66347	-0.00184	PASS
					10	2.17438	0.00086	PASS
					20	5.67913	0.00224	PASS
					30	0.28610	0.00011	PASS
					40	-2.93255	-0.00116	PASS
					50	-2.91824	-0.00115	PASS
					HCH	VN	-30	-1.48773
			-20	4.56333			0.00178	PASS
			-10	7.88212			0.00307	PASS
			0	0.78678			0.00031	PASS
			10	-4.03404			-0.00157	PASS
			20	1.10149			0.00043	PASS
			30	1.17302			0.00046	PASS
			40	4.50611			0.00176	PASS
			50	-7.79629			-0.00304	PASS
		10	LCH	VN			-30	-8.69751
					-20	-6.35147	-0.00254	PASS
					-10	-5.96523	-0.00238	PASS
					0	4.46320	0.00178	PASS
					10	-7.42436	-0.00296	PASS
					20	-2.87533	-0.00115	PASS
					30	-4.04835	-0.00162	PASS
					40	-0.68665	-0.00027	PASS
					50	1.70231	0.00068	PASS
					MCH	VN	-30	-1.28746
			-20	0.70095			0.00028	PASS
			-10	-7.08103			-0.00279	PASS
			0	0.94414			0.00037	PASS
			10	-3.41892			-0.00135	PASS
			20	2.81811			0.00111	PASS
			30	0.32902			0.00013	PASS
			40	-6.99520			-0.00276	PASS
			50	1.71661			0.00068	PASS
			HCH	VN			-30	4.10557

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-6.13689	-0.00239	PASS
					-10	0.47207	0.00018	PASS
					0	-5.52177	-0.00215	PASS
					10	-0.97275	-0.00038	PASS
					20	-6.32286	-0.00247	PASS
					30	-7.00951	-0.00273	PASS
					40	0.04292	0.00002	PASS
					50	-5.43594	-0.00212	PASS
		15	LCH	VN	-30	-1.93119	-0.00077	PASS
					-20	9.95636	0.00397	PASS
					-10	4.26292	0.00170	PASS
					0	0.00000	0.00000	PASS
					10	3.91960	0.00156	PASS
					20	2.63214	0.00105	PASS
					30	1.37329	0.00055	PASS
					40	1.77383	0.00071	PASS
			MCH	VN	-30	-1.54495	-0.00061	PASS
					-20	1.08719	0.00043	PASS
					-10	1.48773	0.00059	PASS
					0	-6.96659	-0.00275	PASS
					10	-1.23024	-0.00049	PASS
					20	0.81539	0.00032	PASS
					30	-0.90122	-0.00036	PASS
					40	-0.80109	-0.00032	PASS
			HCH	VN	-30	2.16007	0.00084	PASS
					-20	-4.33445	-0.00169	PASS
					-10	-3.39031	-0.00132	PASS
					0	0.80109	0.00031	PASS
					10	5.22137	0.00204	PASS
					20	-2.58923	-0.00101	PASS
					30	3.29018	0.00128	PASS
					40	3.30448	0.00129	PASS
		20	LCH	VN	-30	-2.00272	-0.00080	PASS
					-20	-0.38624	-0.00015	PASS
					-10	-4.54903	-0.00181	PASS
					0	3.89099	0.00155	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	4.42028	0.00176	PASS
					20	-1.08719	-0.00043	PASS
					30	4.80652	0.00191	PASS
					40	-1.35899	-0.00054	PASS
					50	5.00679	0.00199	PASS
			MCH	VN	-30	-1.37329	-0.00054	PASS
					-20	-3.76225	-0.00148	PASS
					-10	0.40054	0.00016	PASS
					0	-0.48637	-0.00019	PASS
					10	-6.50883	-0.00257	PASS
					20	1.83106	0.00072	PASS
					30	-5.32150	-0.00210	PASS
					40	-3.34740	-0.00132	PASS
			HCH	VN	50	-5.56469	-0.00220	PASS
					-30	-1.58787	-0.00062	PASS
					-20	2.26021	0.00088	PASS
					-10	2.44618	0.00096	PASS
					0	5.93662	0.00232	PASS
					10	3.94821	0.00154	PASS
					20	-0.57220	-0.00022	PASS
					30	5.29289	0.00207	PASS
			40	-4.89235	-0.00191	PASS		
			50	1.54495	0.00060	PASS		

END