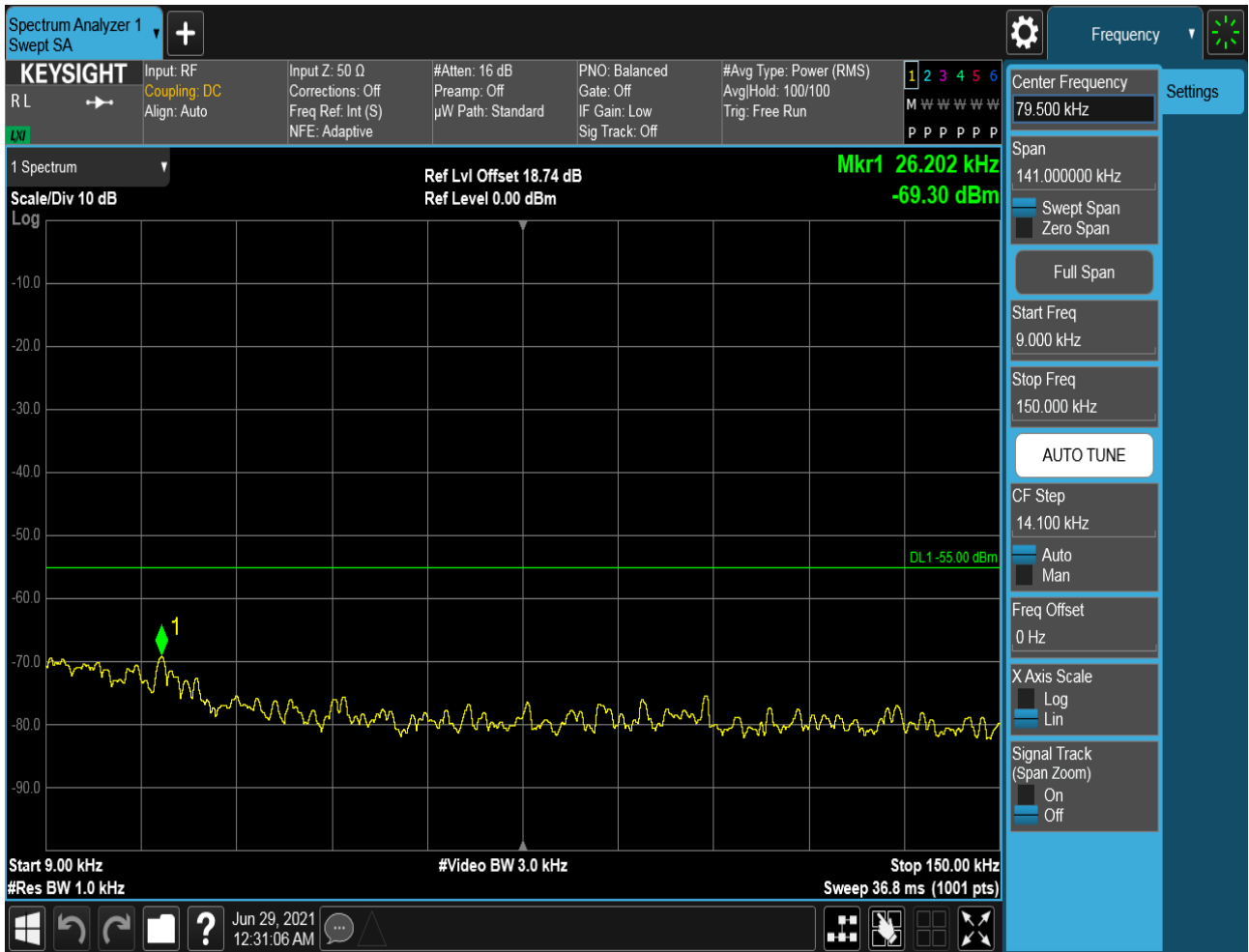
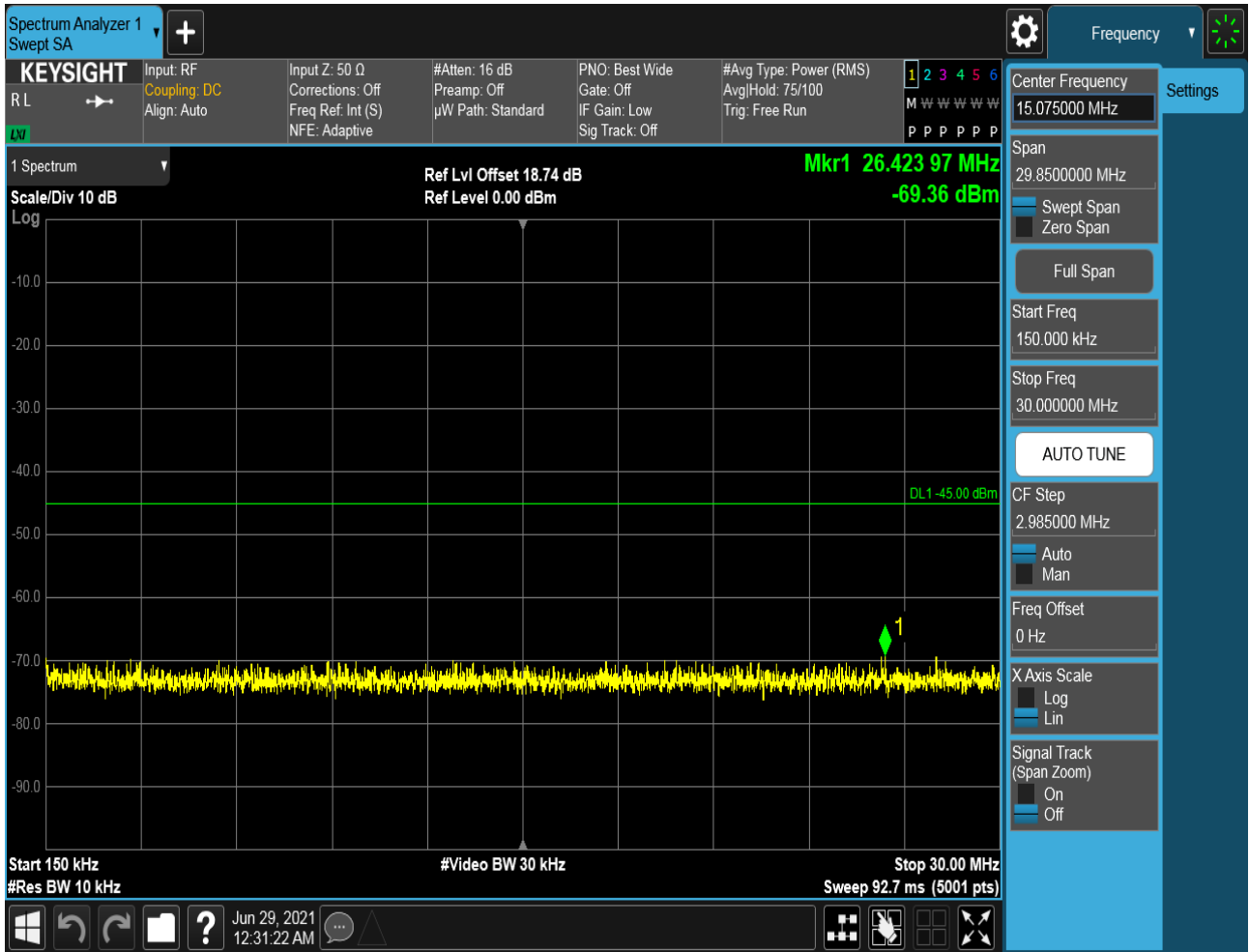


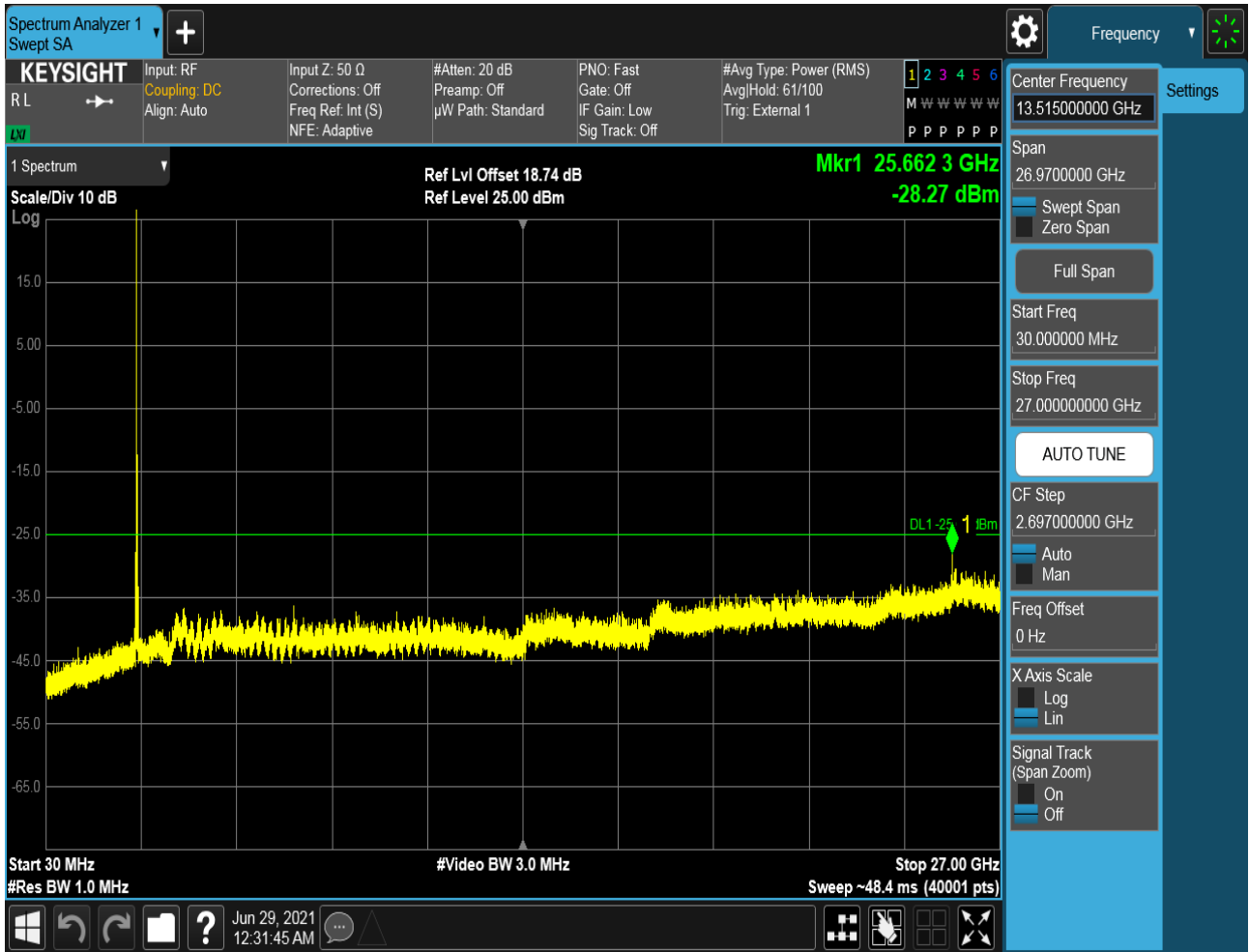


6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0



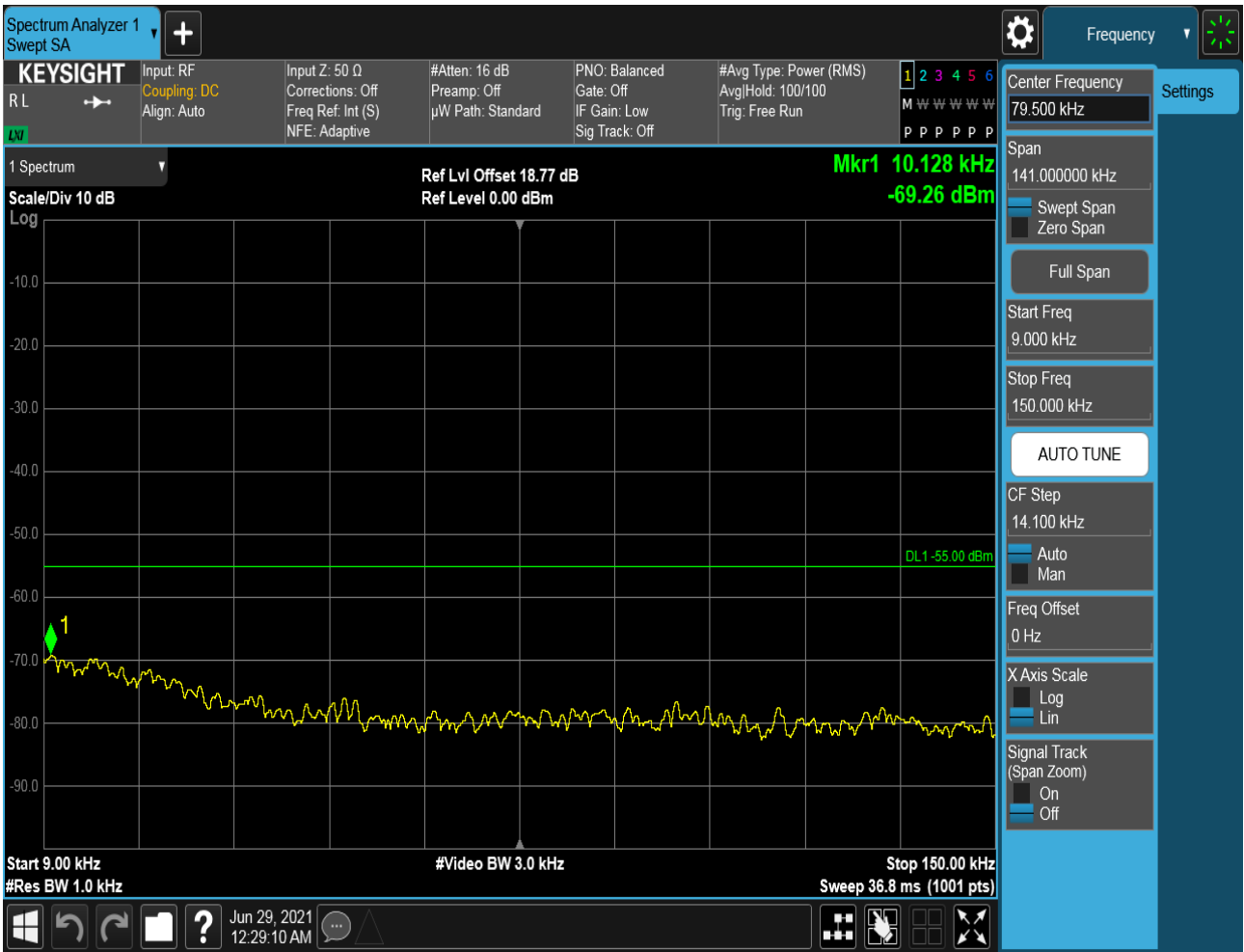


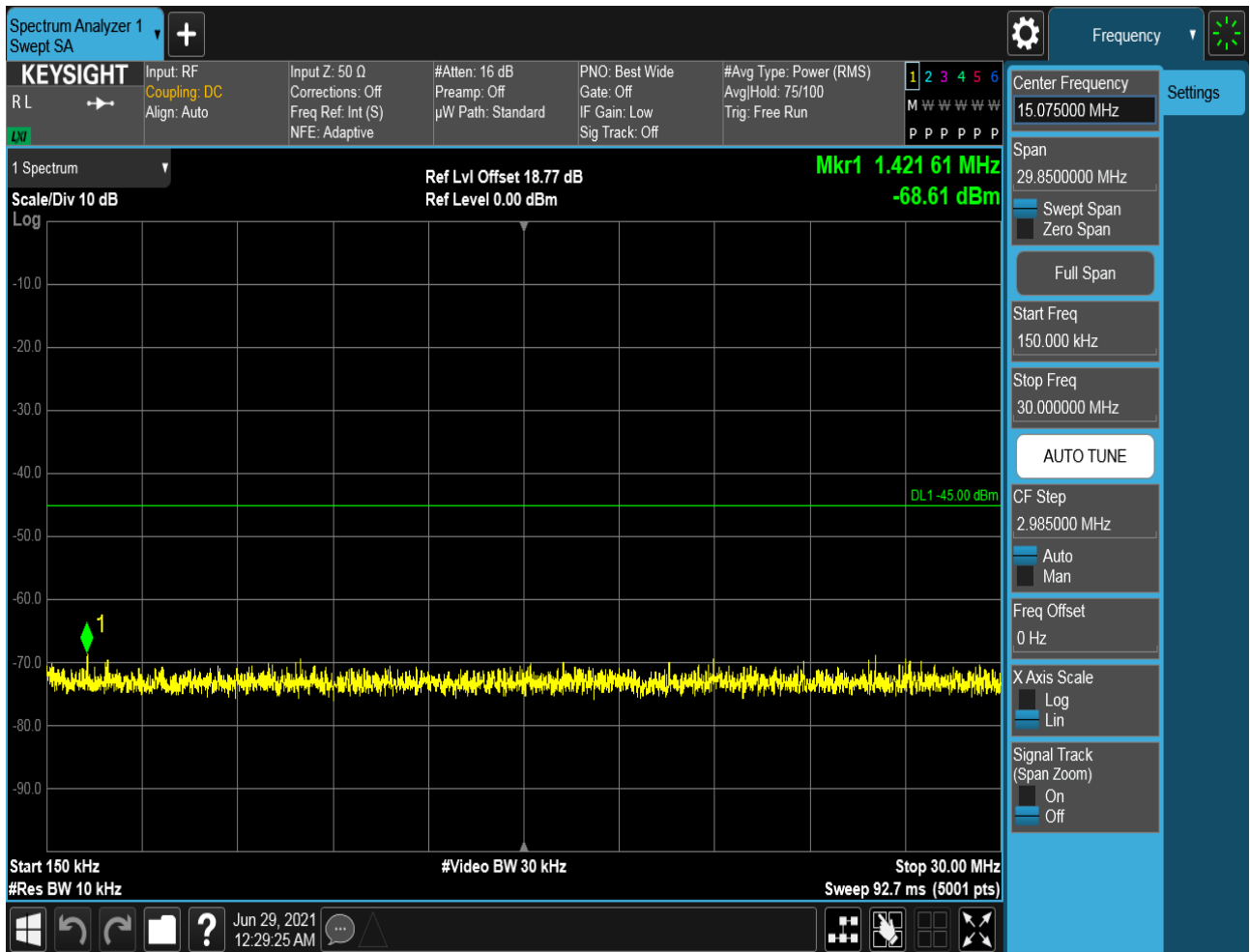


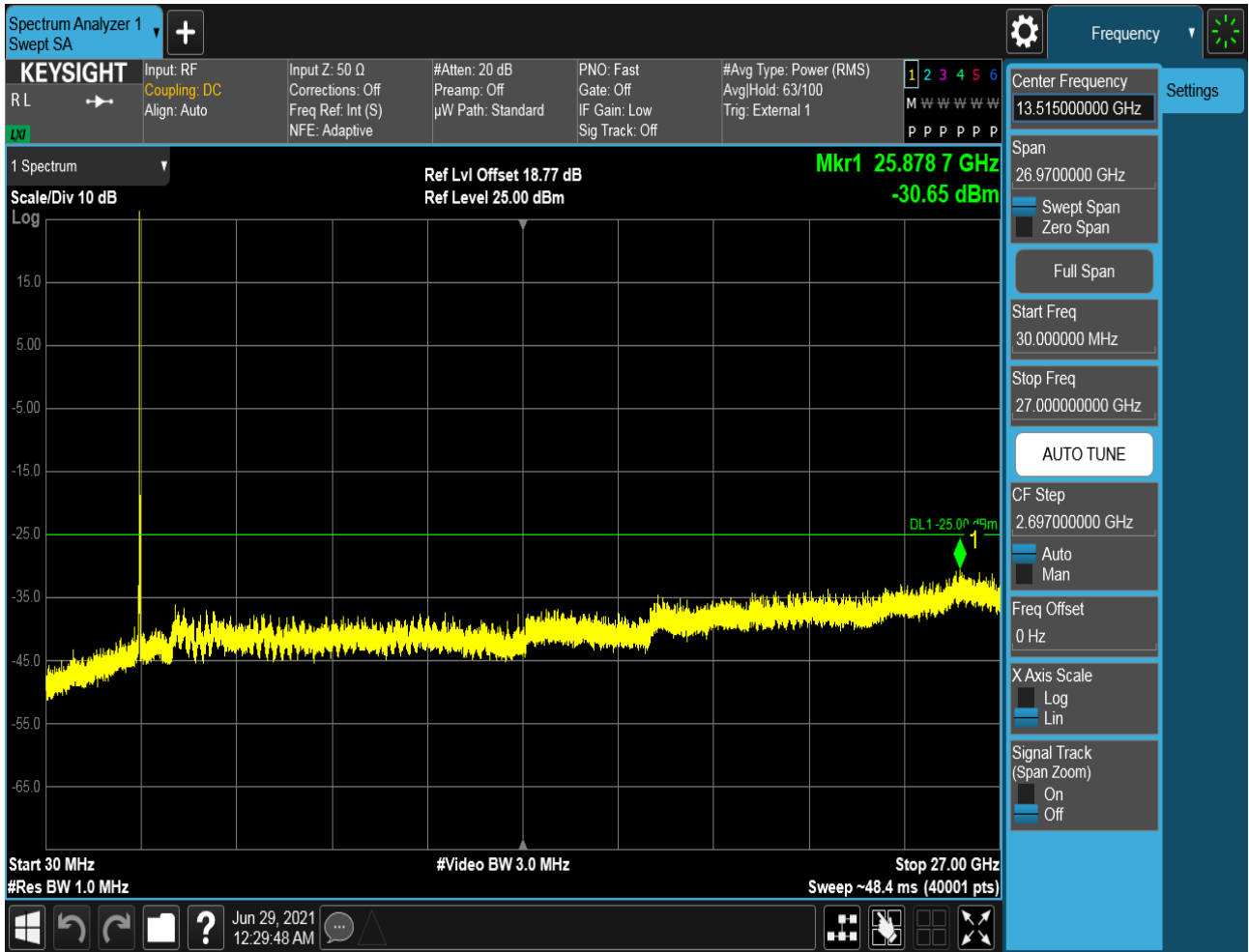


6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0





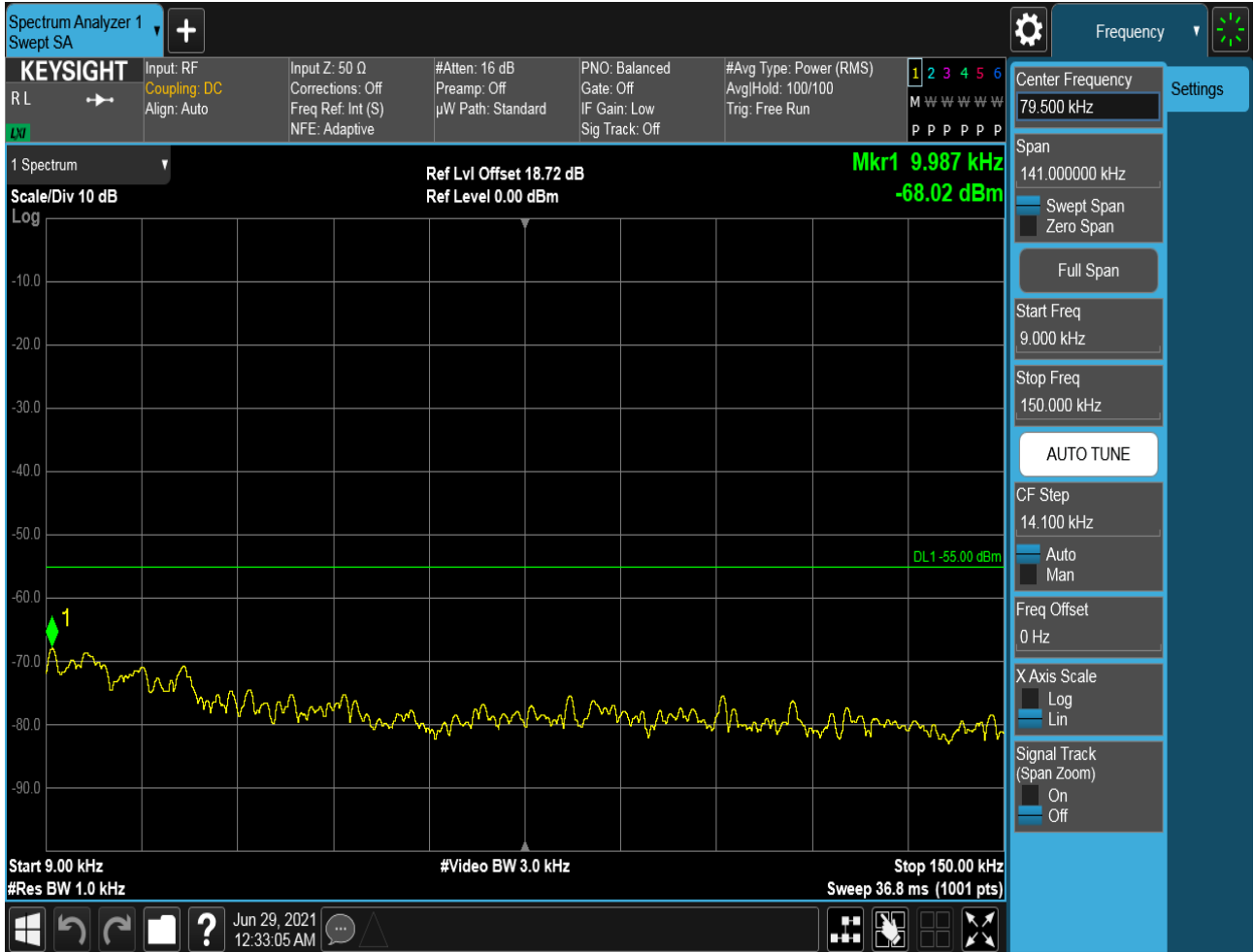


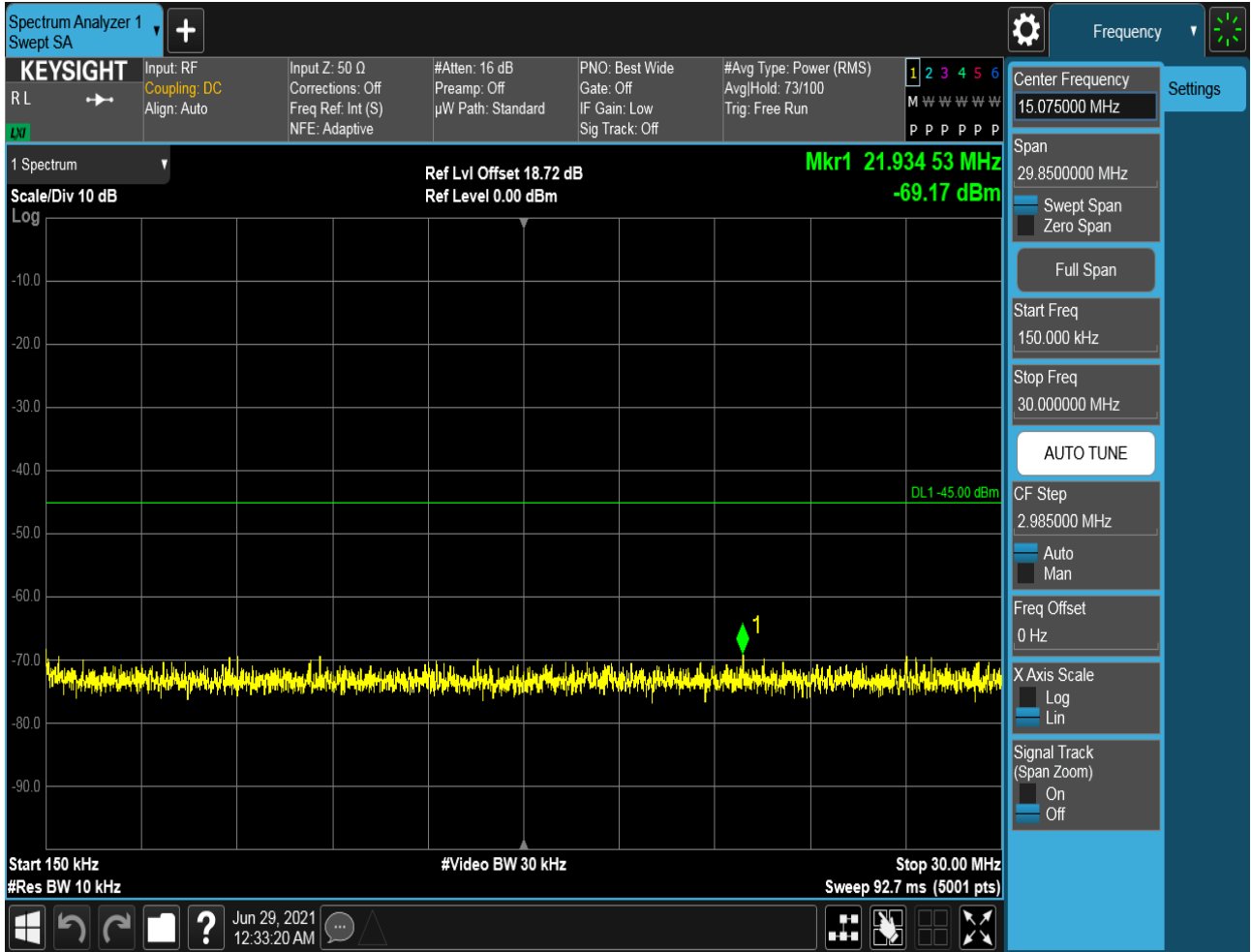


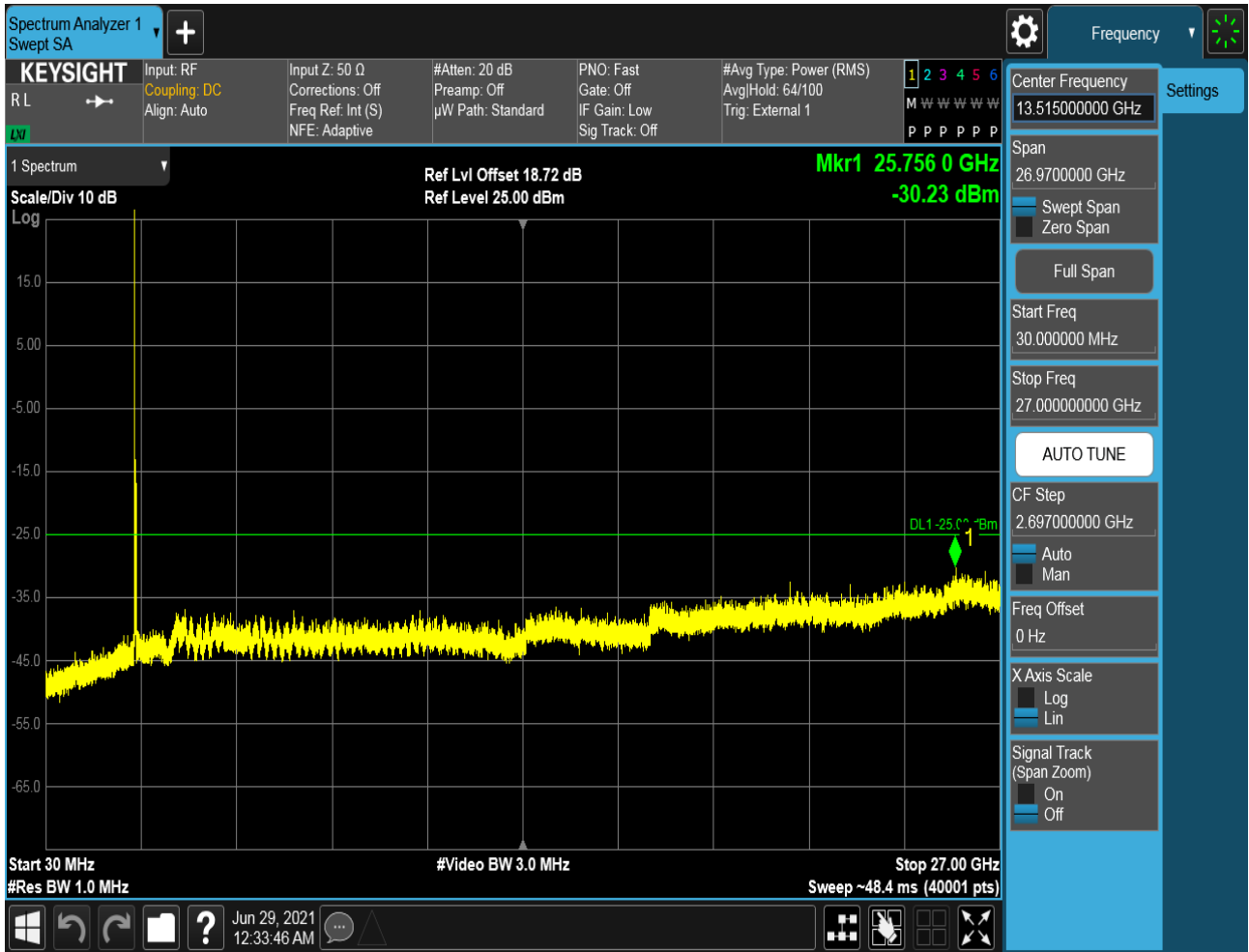
6.2.1.1.4 Test Bandwidth = 20MHz

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0



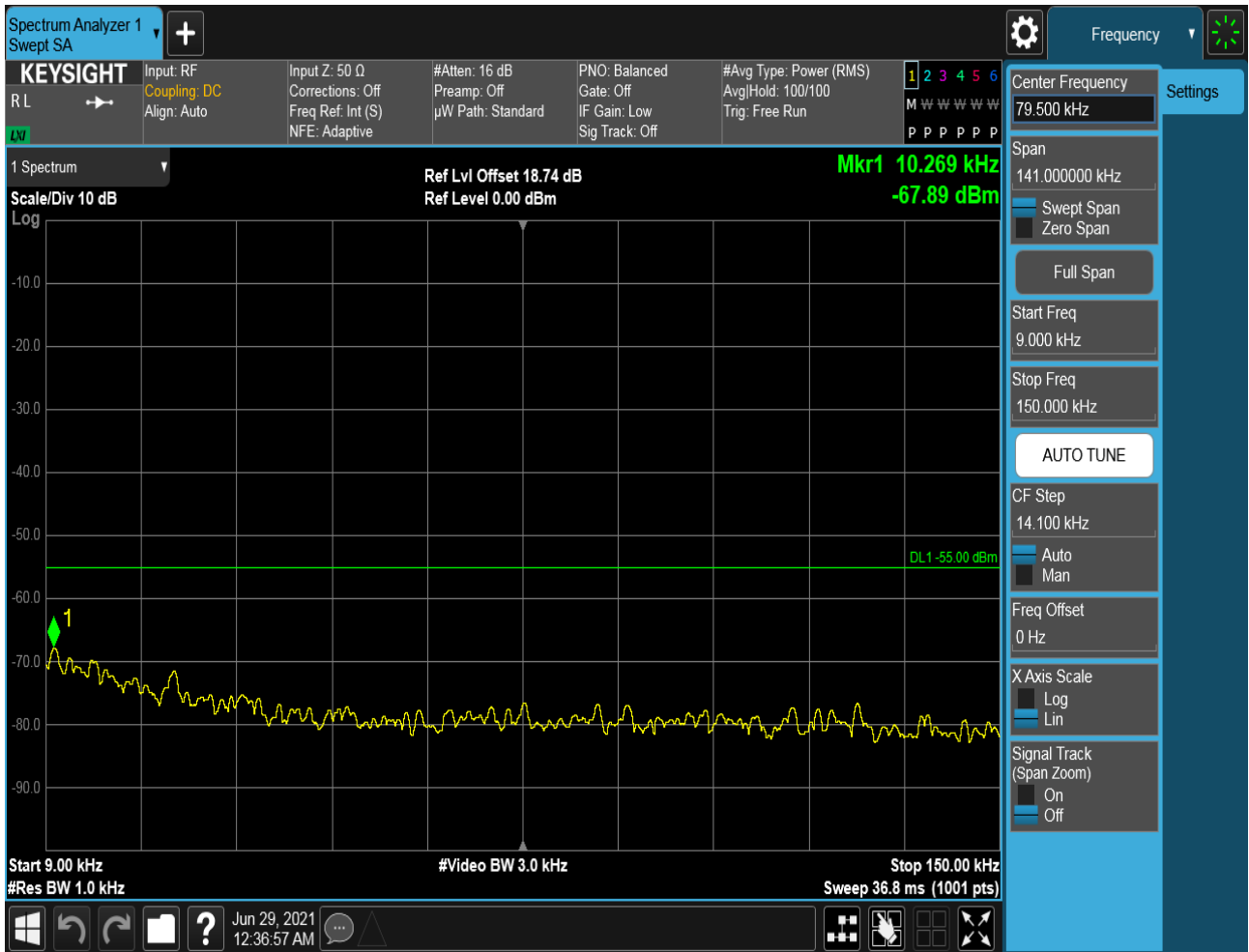


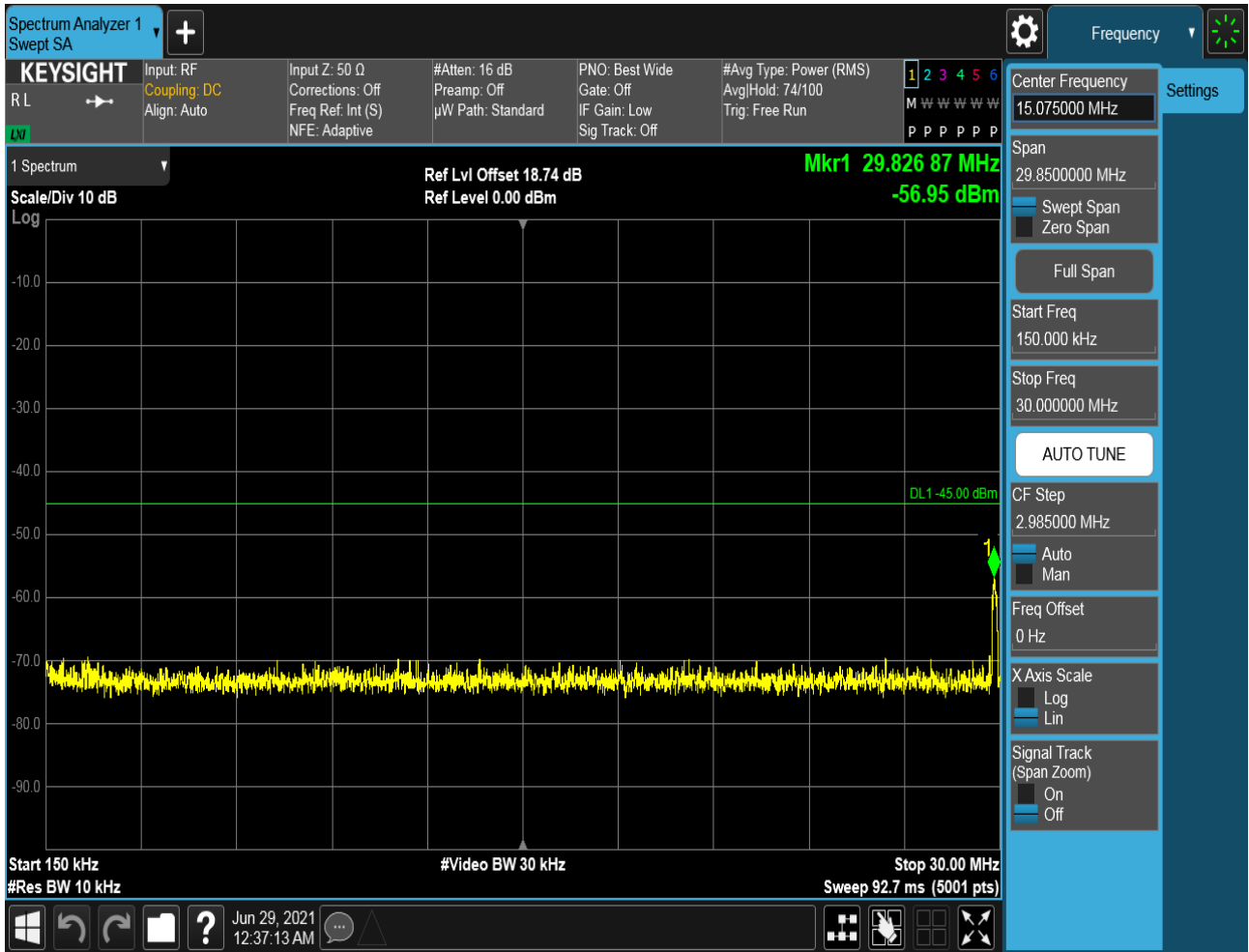


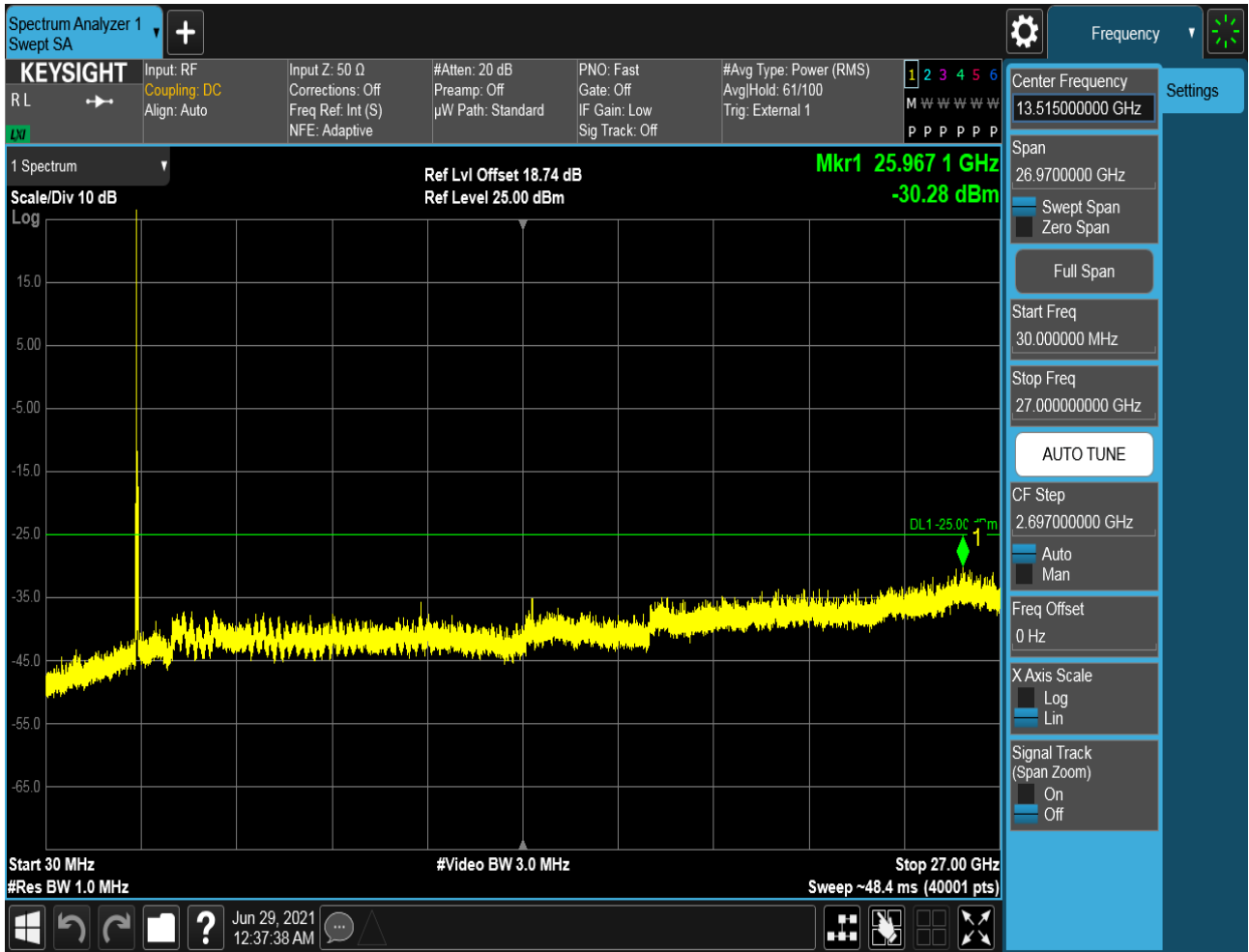


6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0



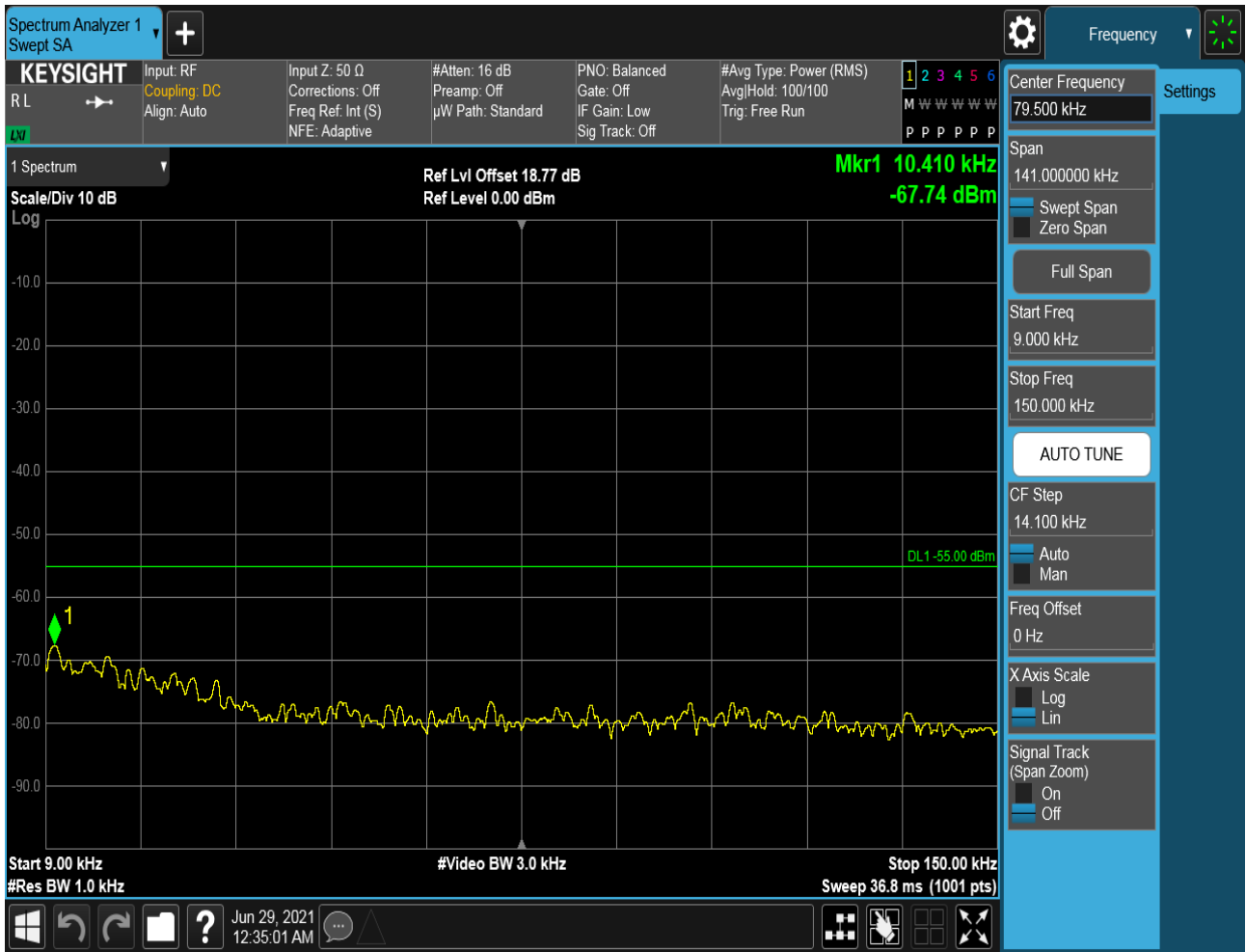


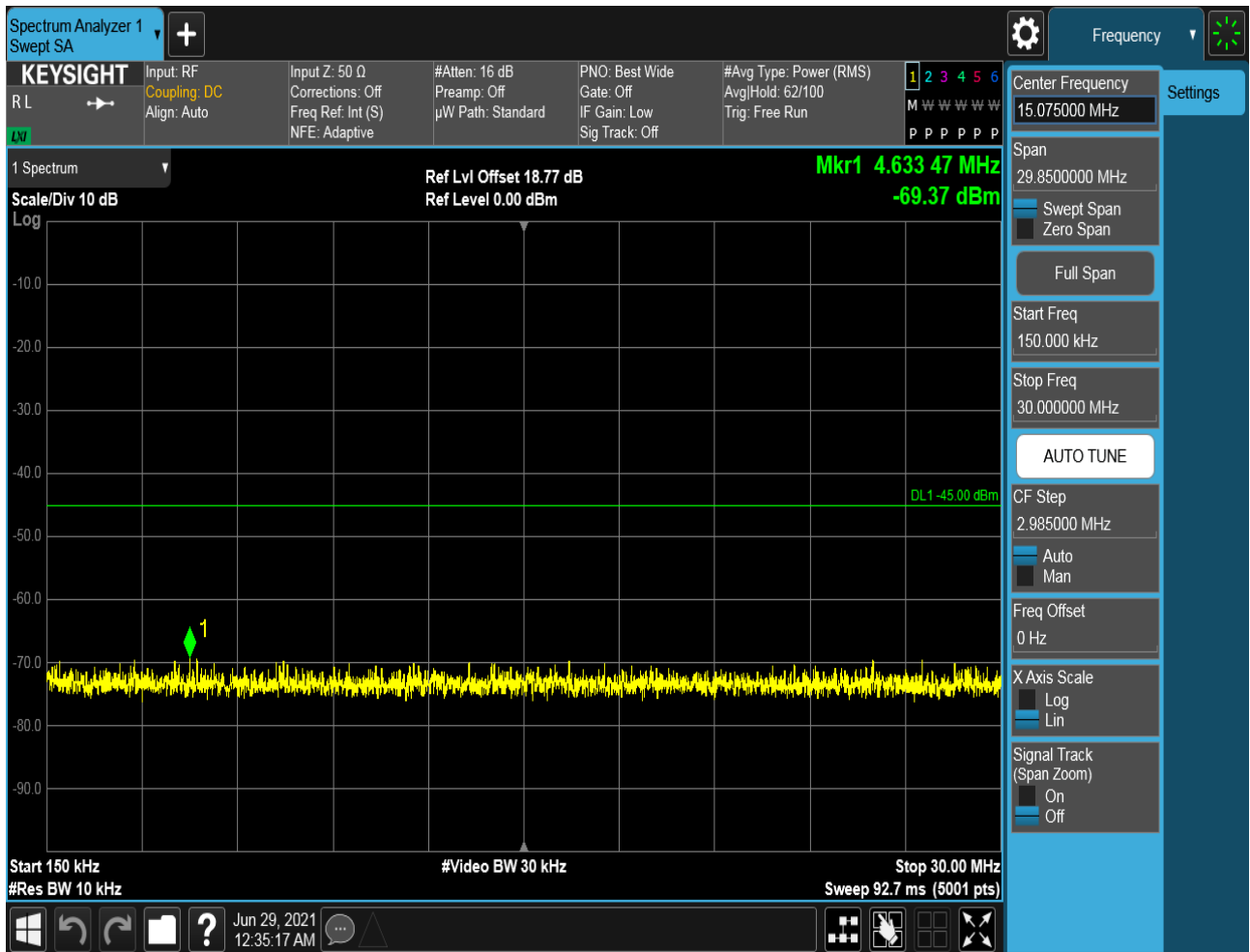


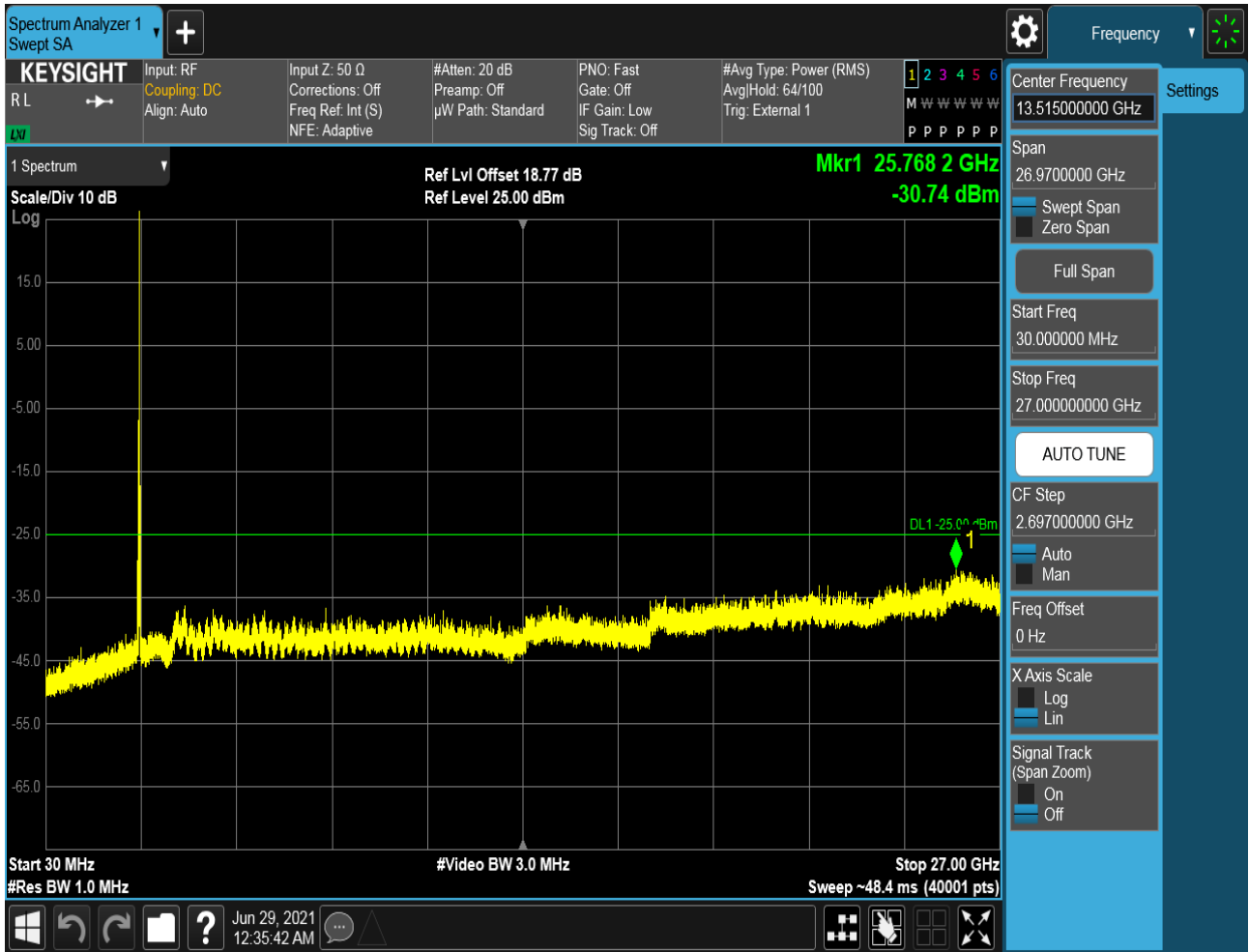


6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0







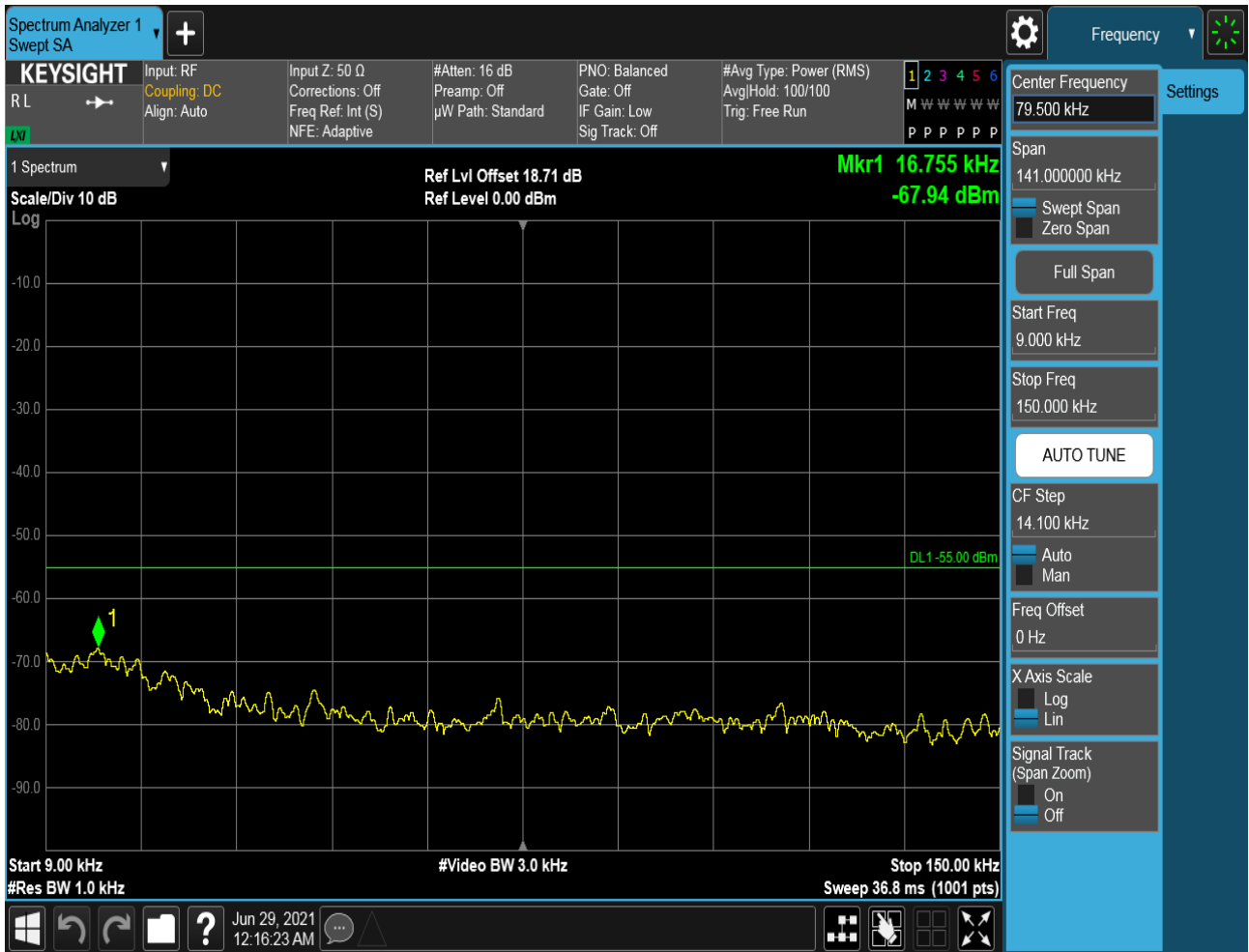


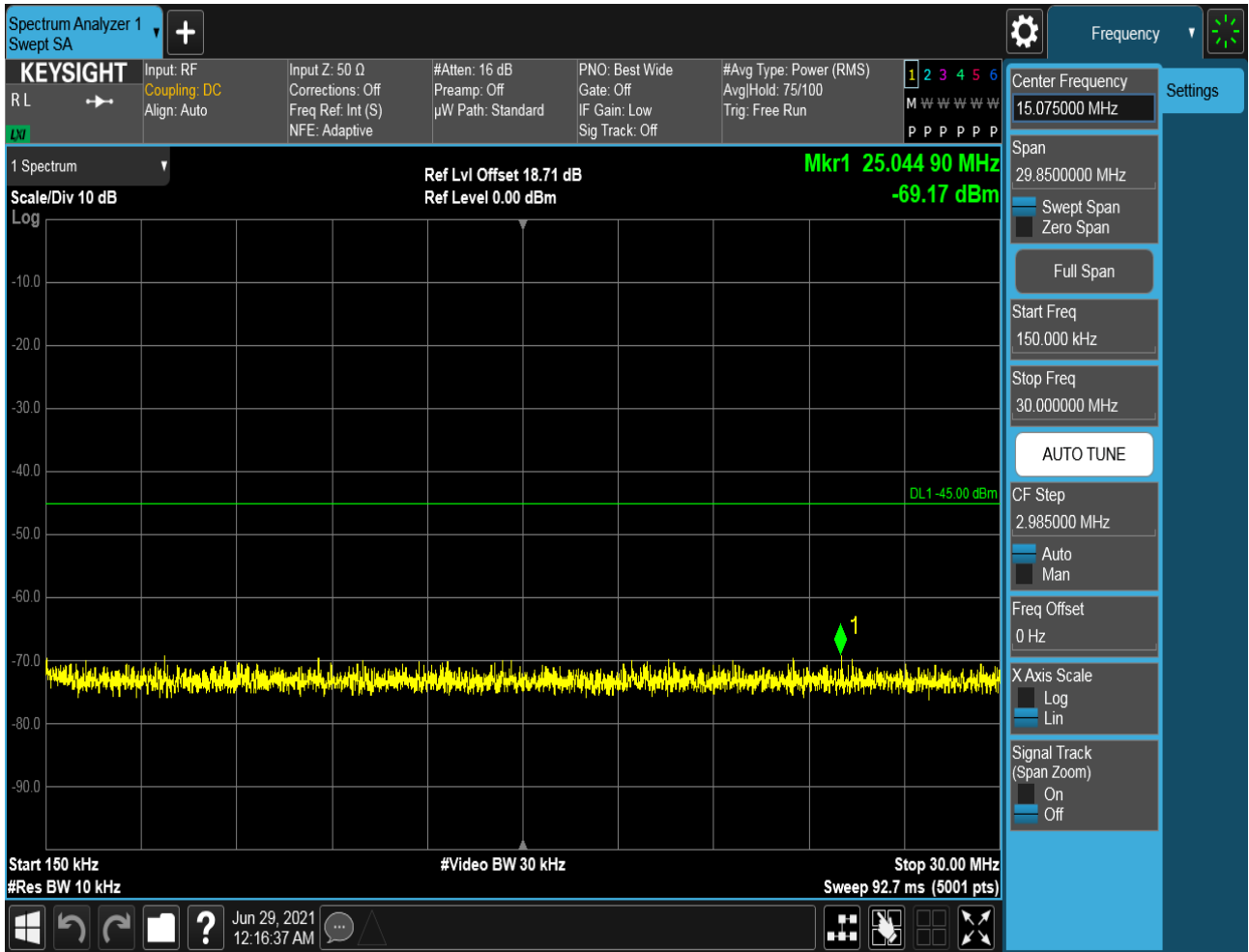
6.2.1.2 Test Mode = LTE/TM2

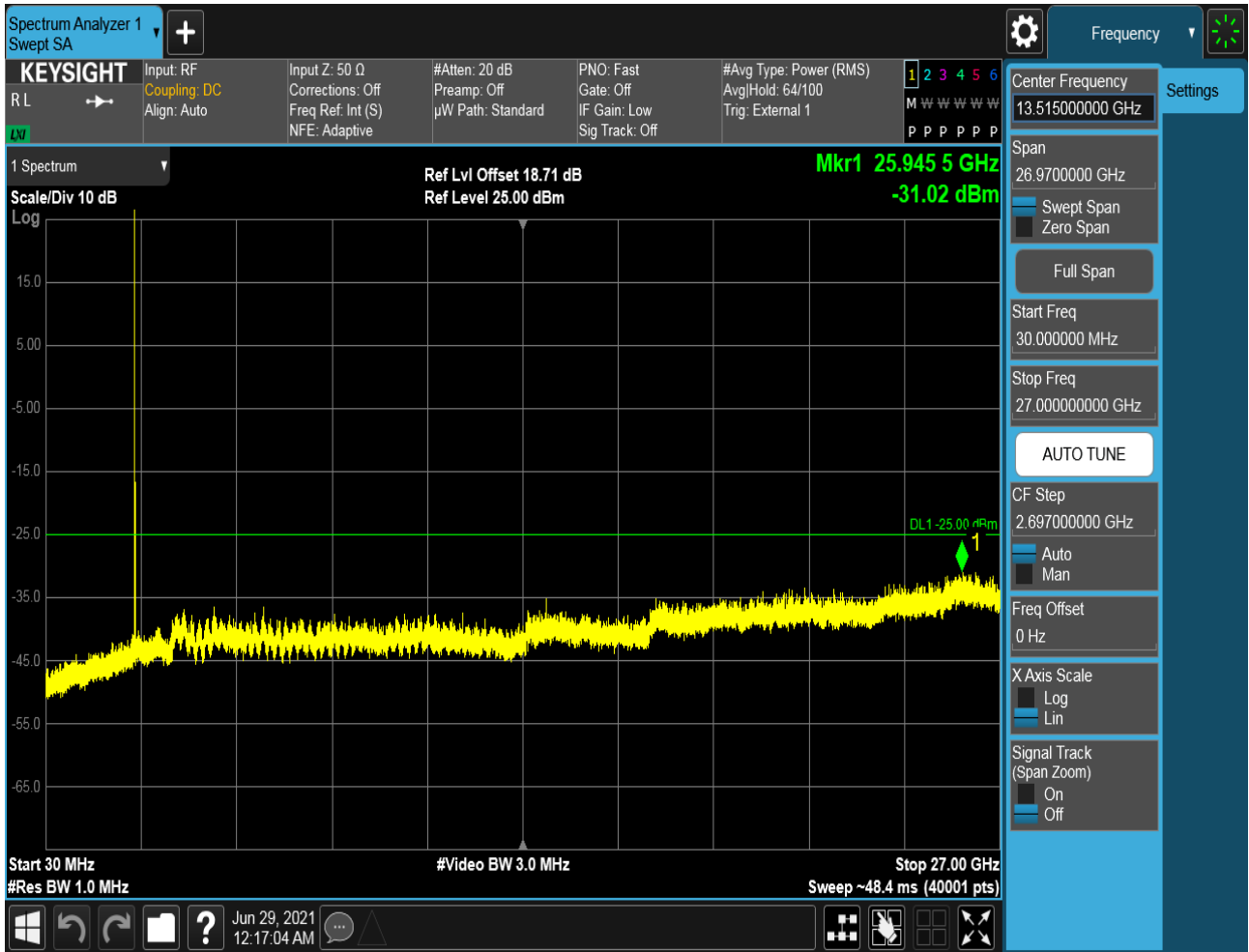
6.2.1.2.1 Test Bandwidth = 5MHz

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0



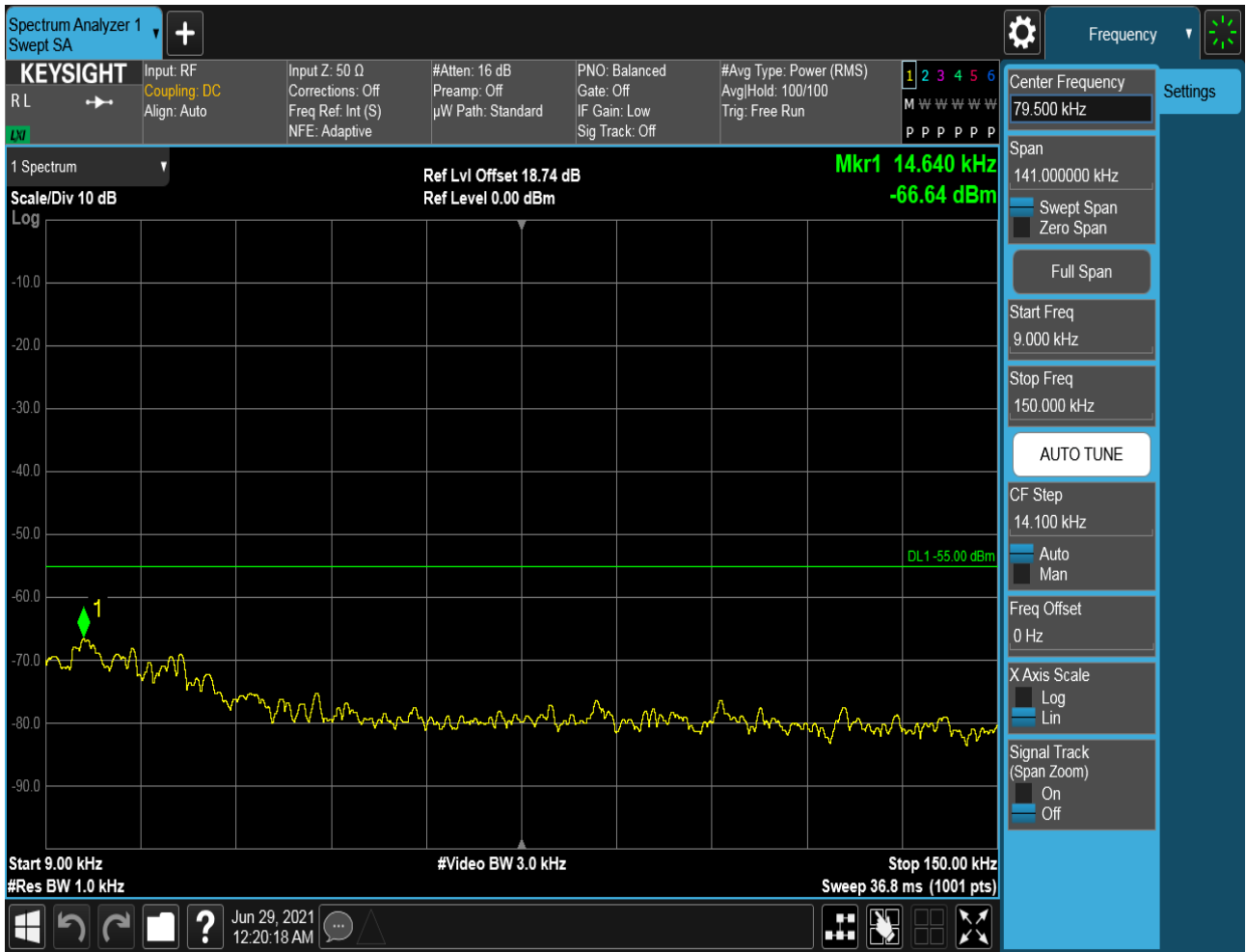


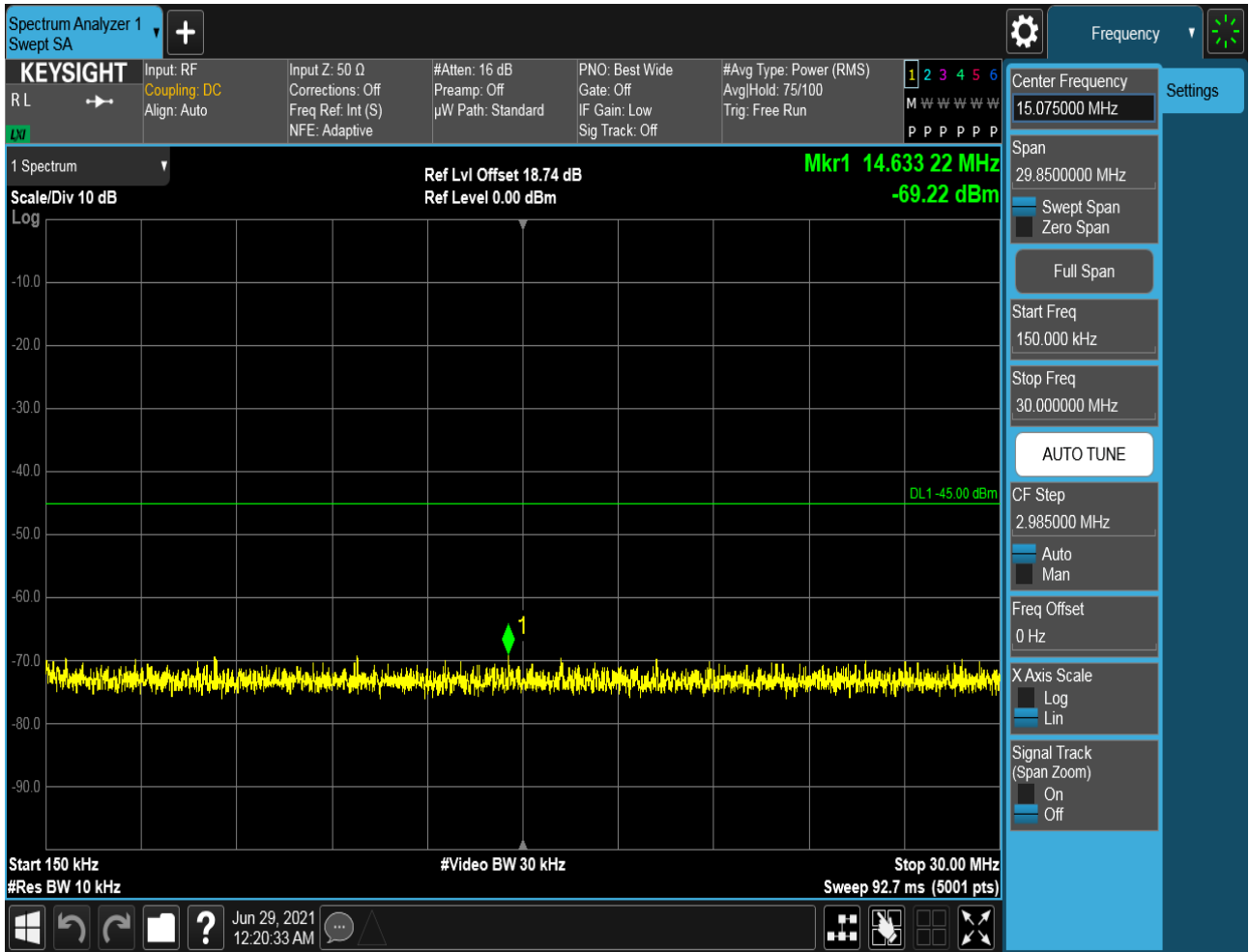


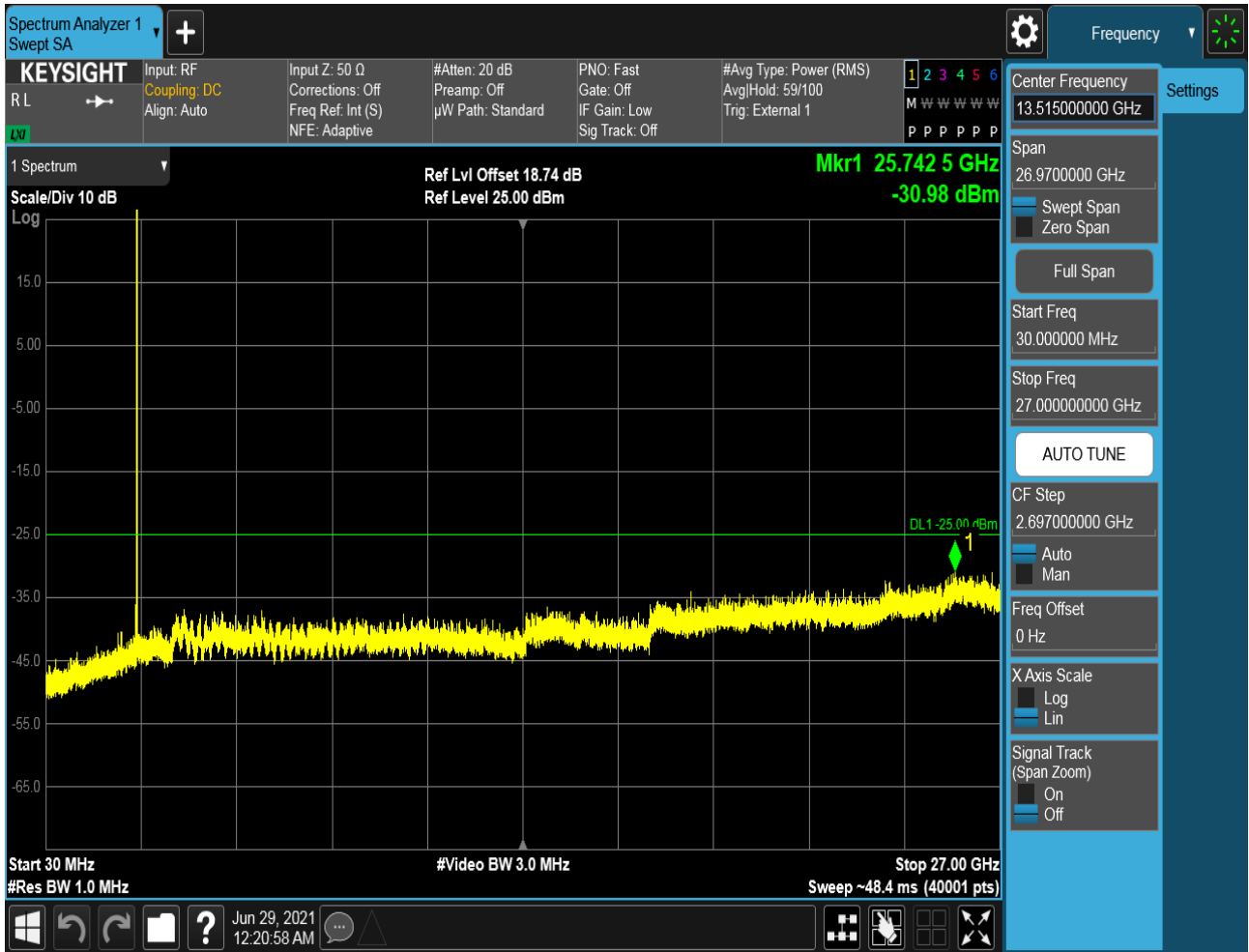


6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0



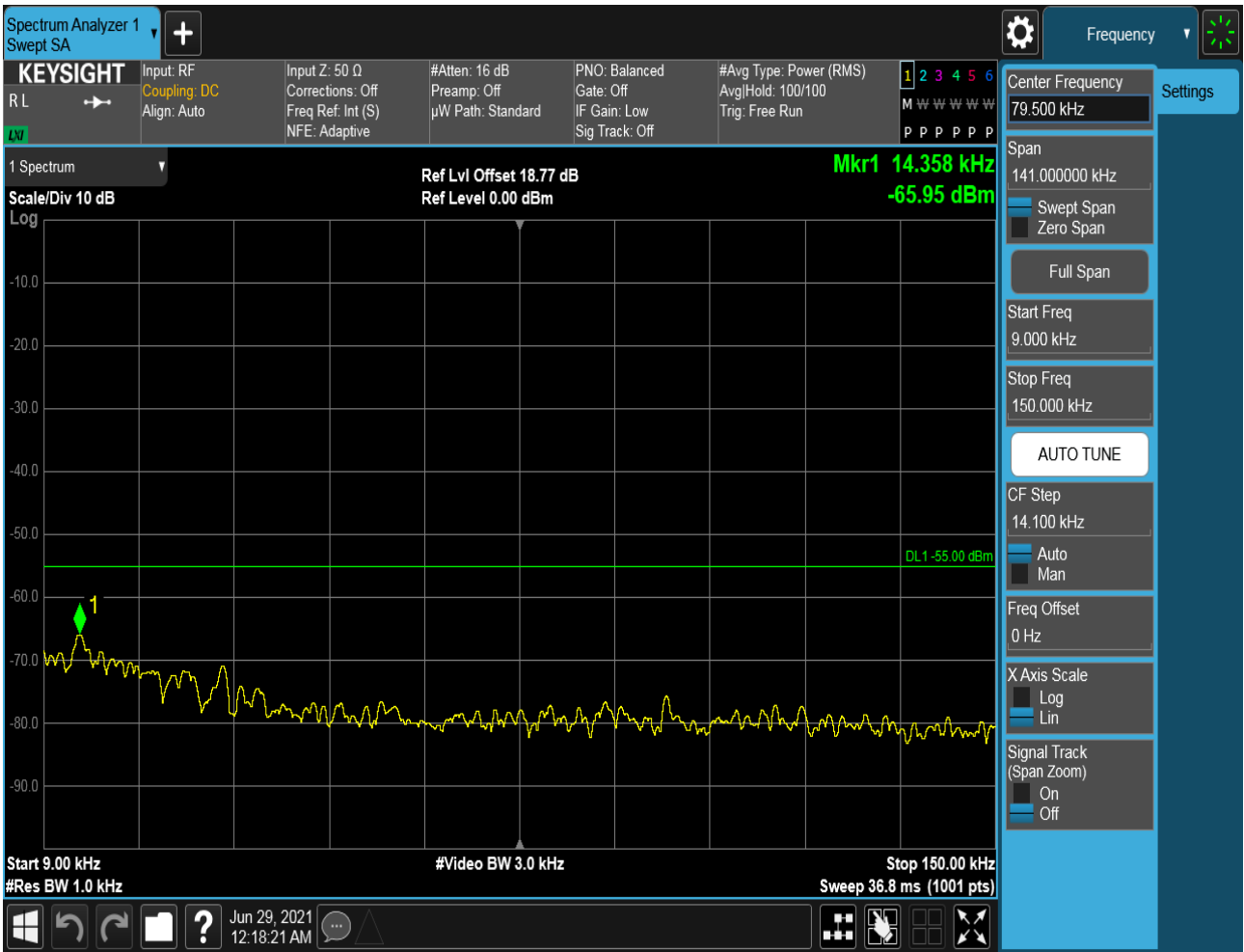


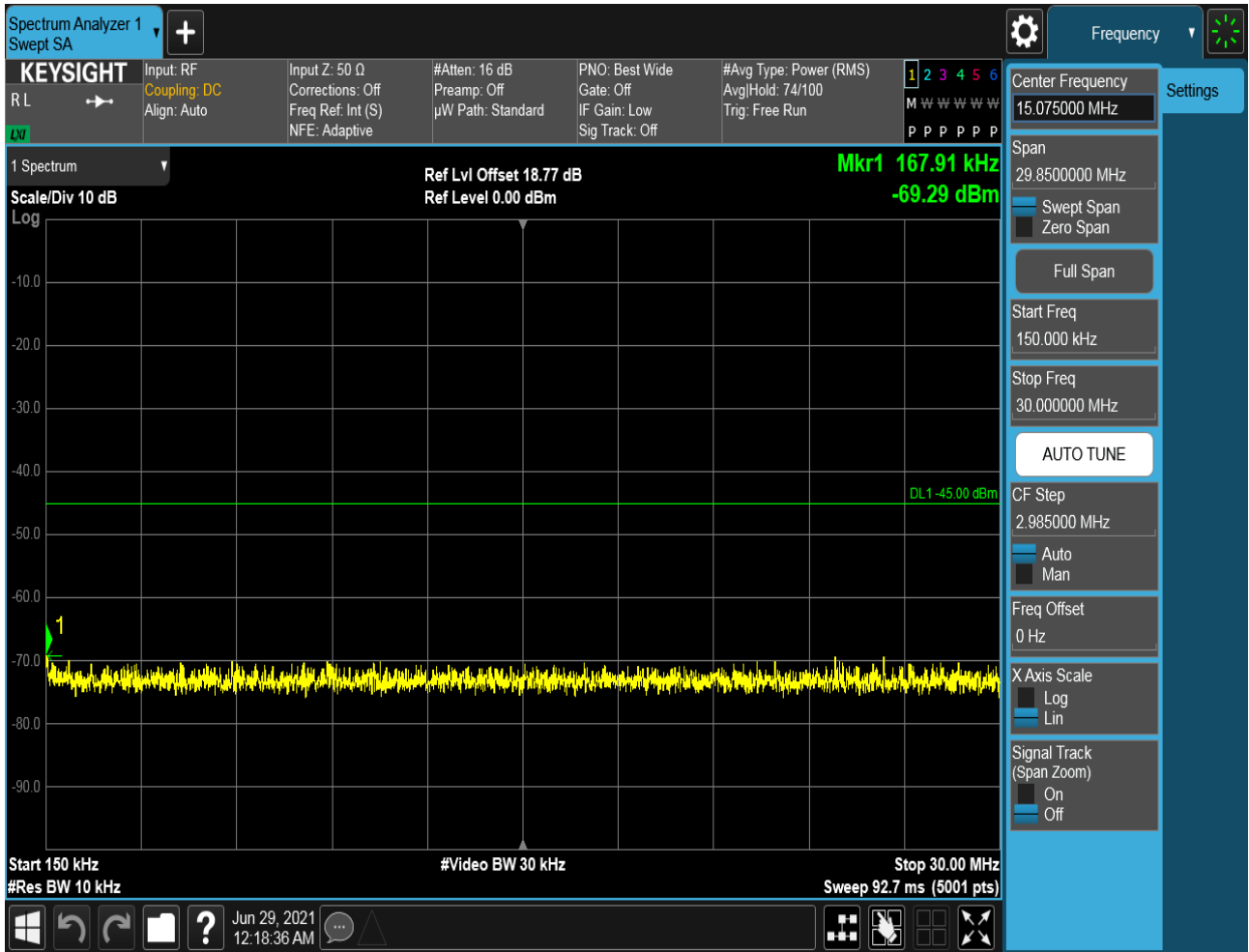


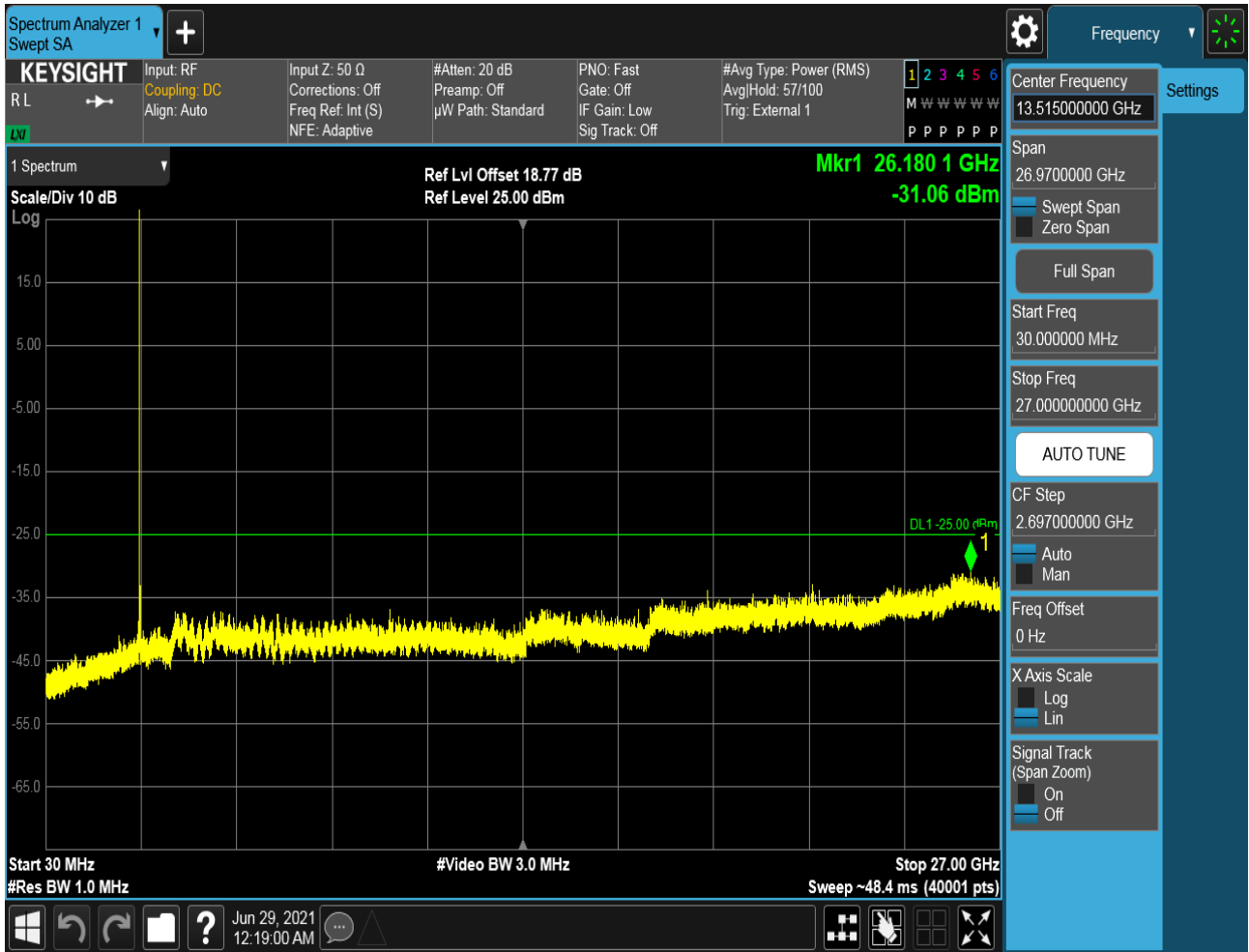


6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0





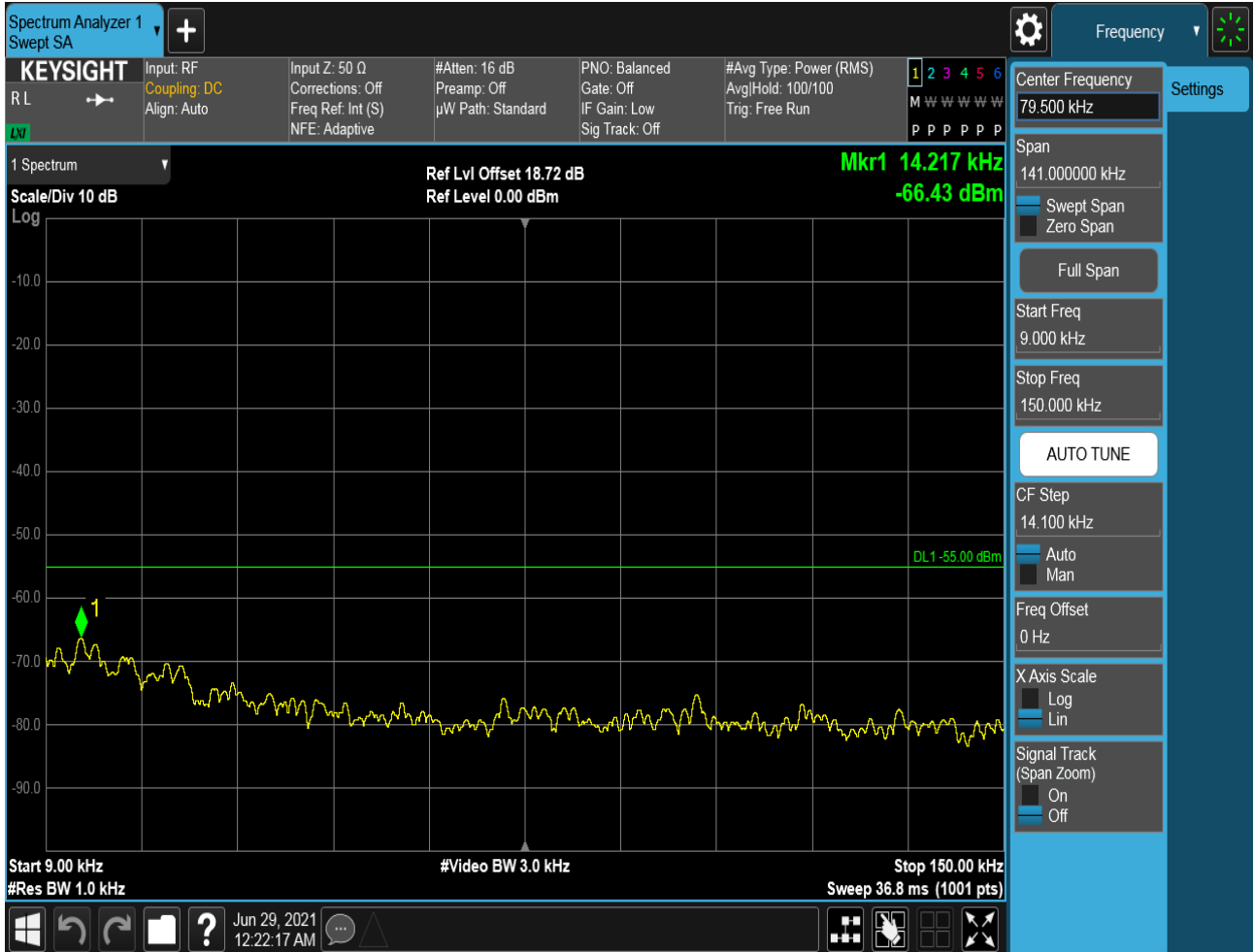


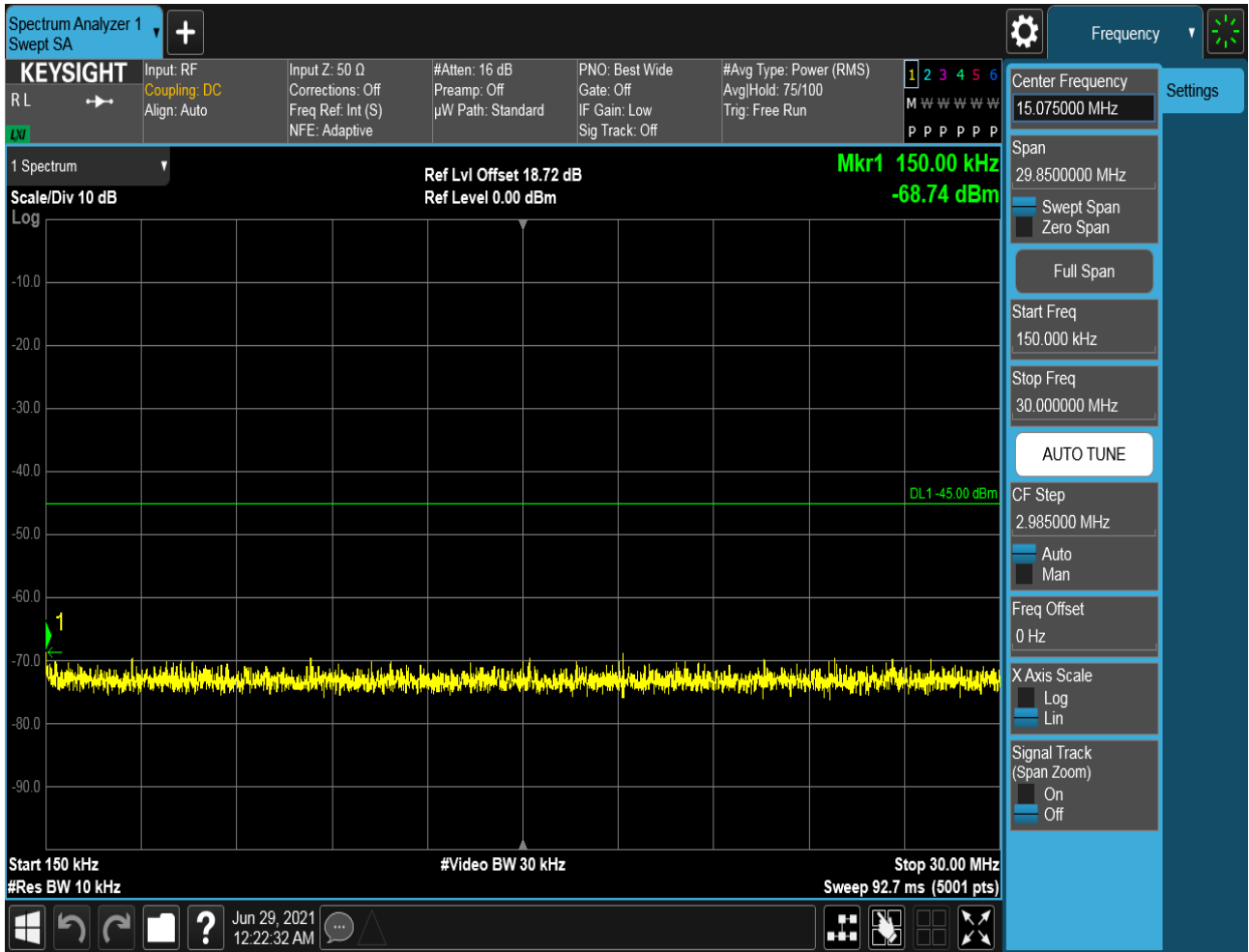


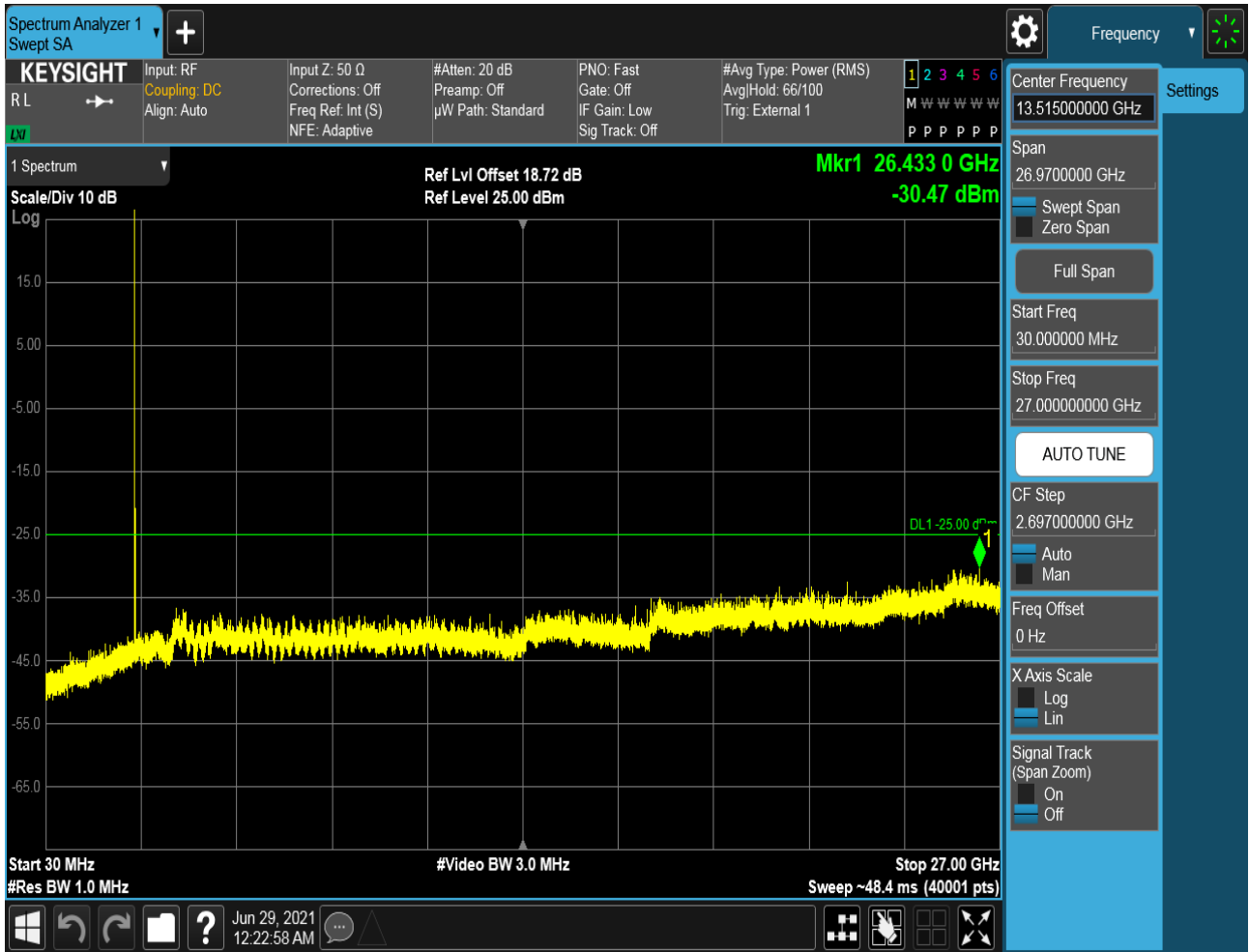
6.2.1.2.2 Test Bandwidth = 10MHz

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0



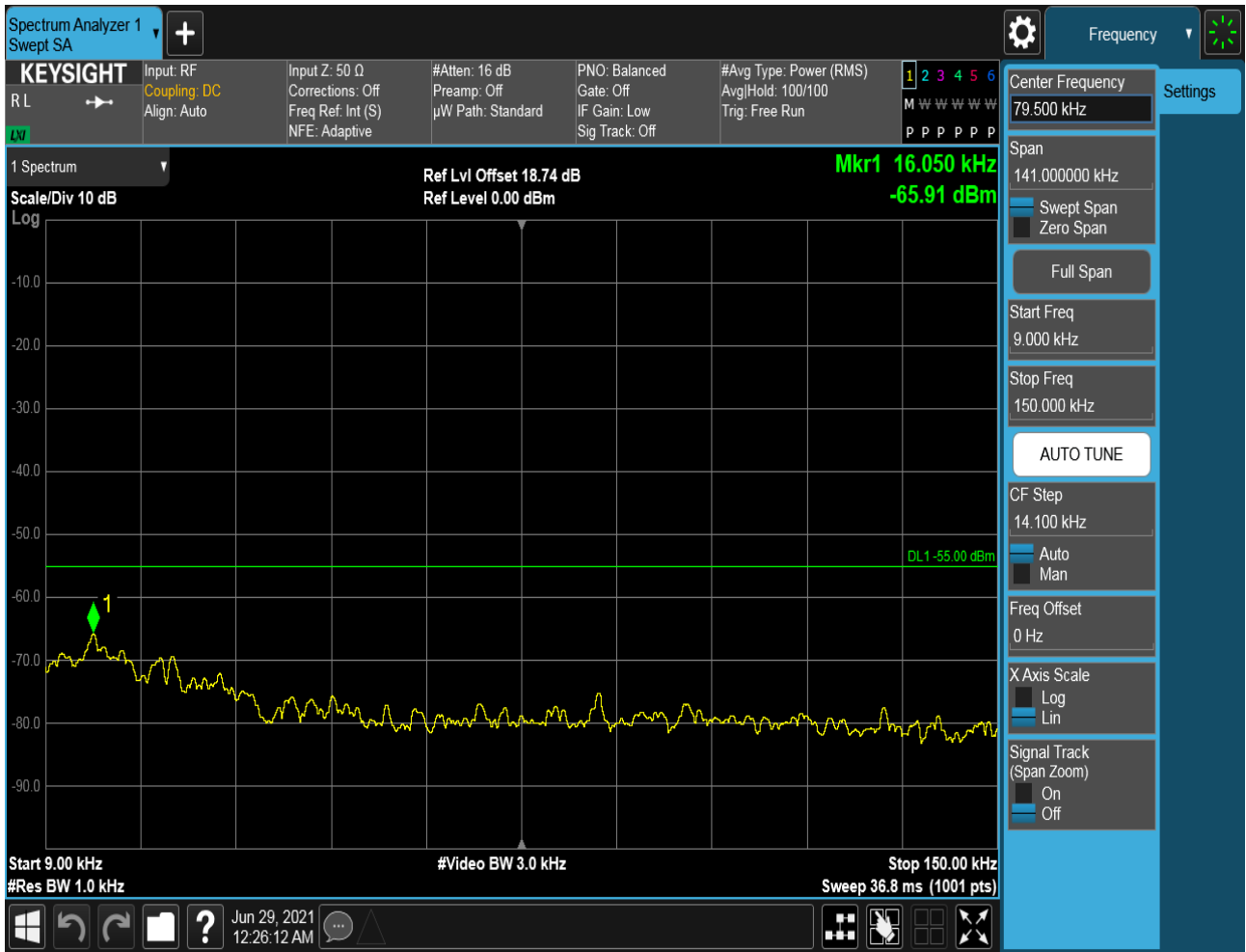


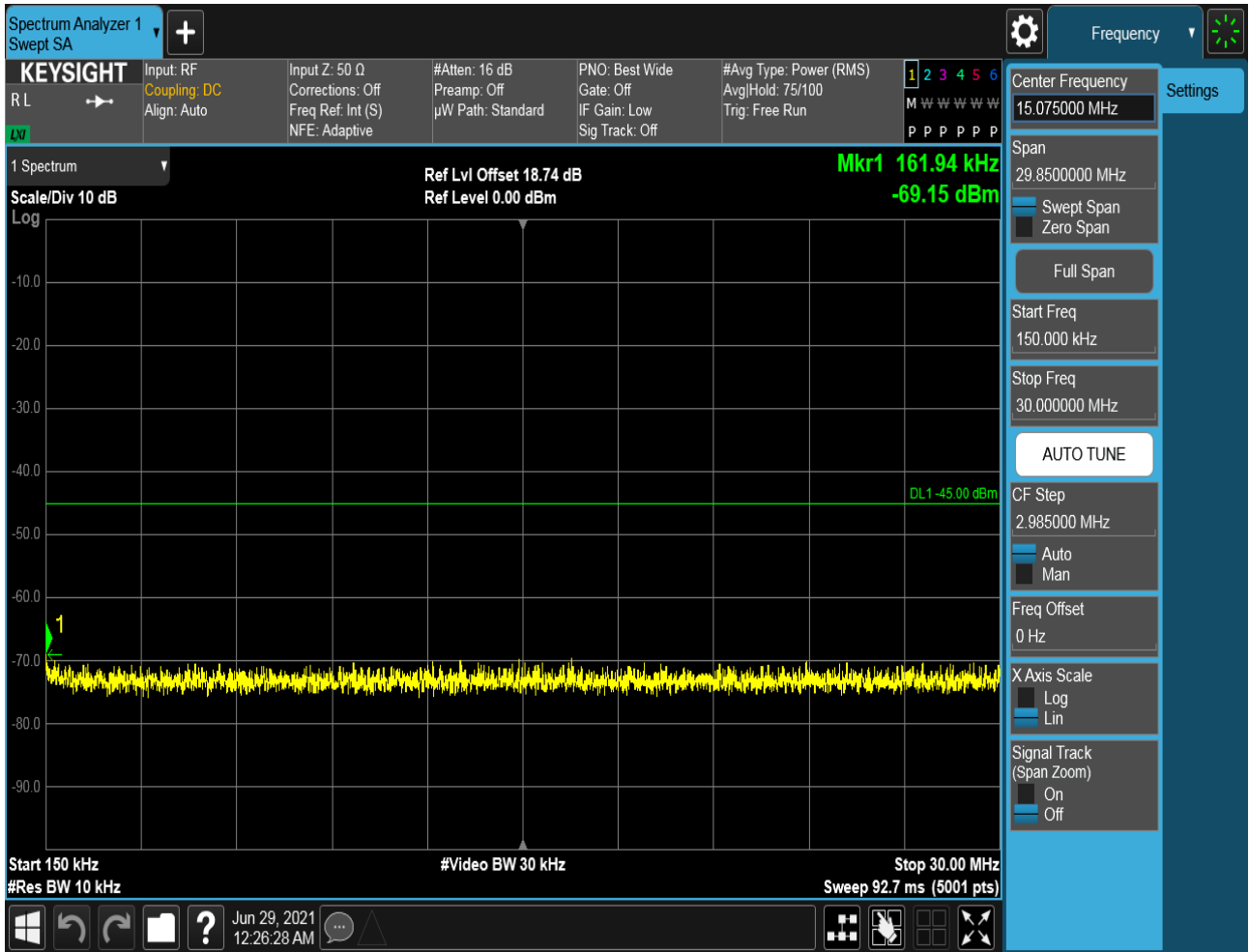


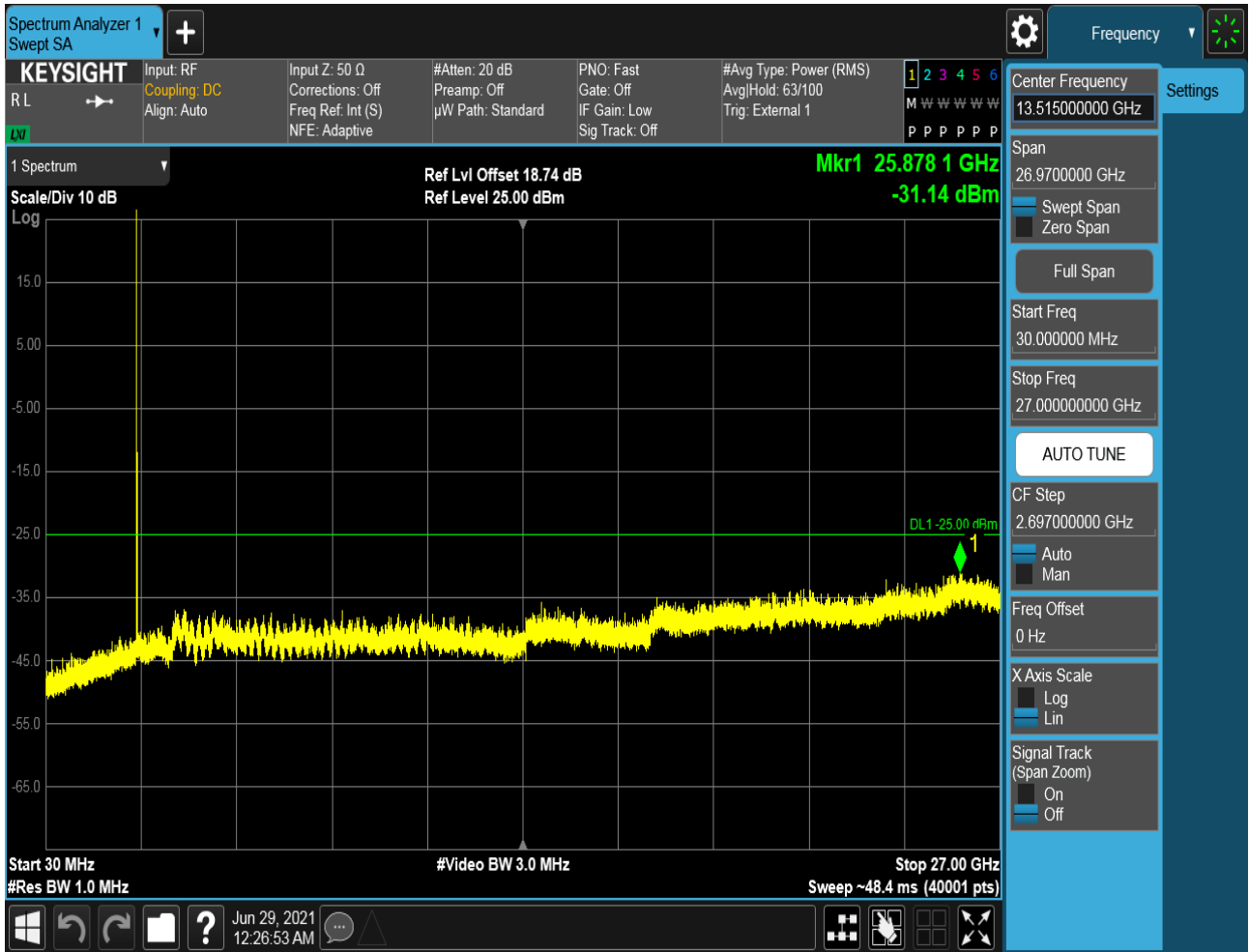


6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0



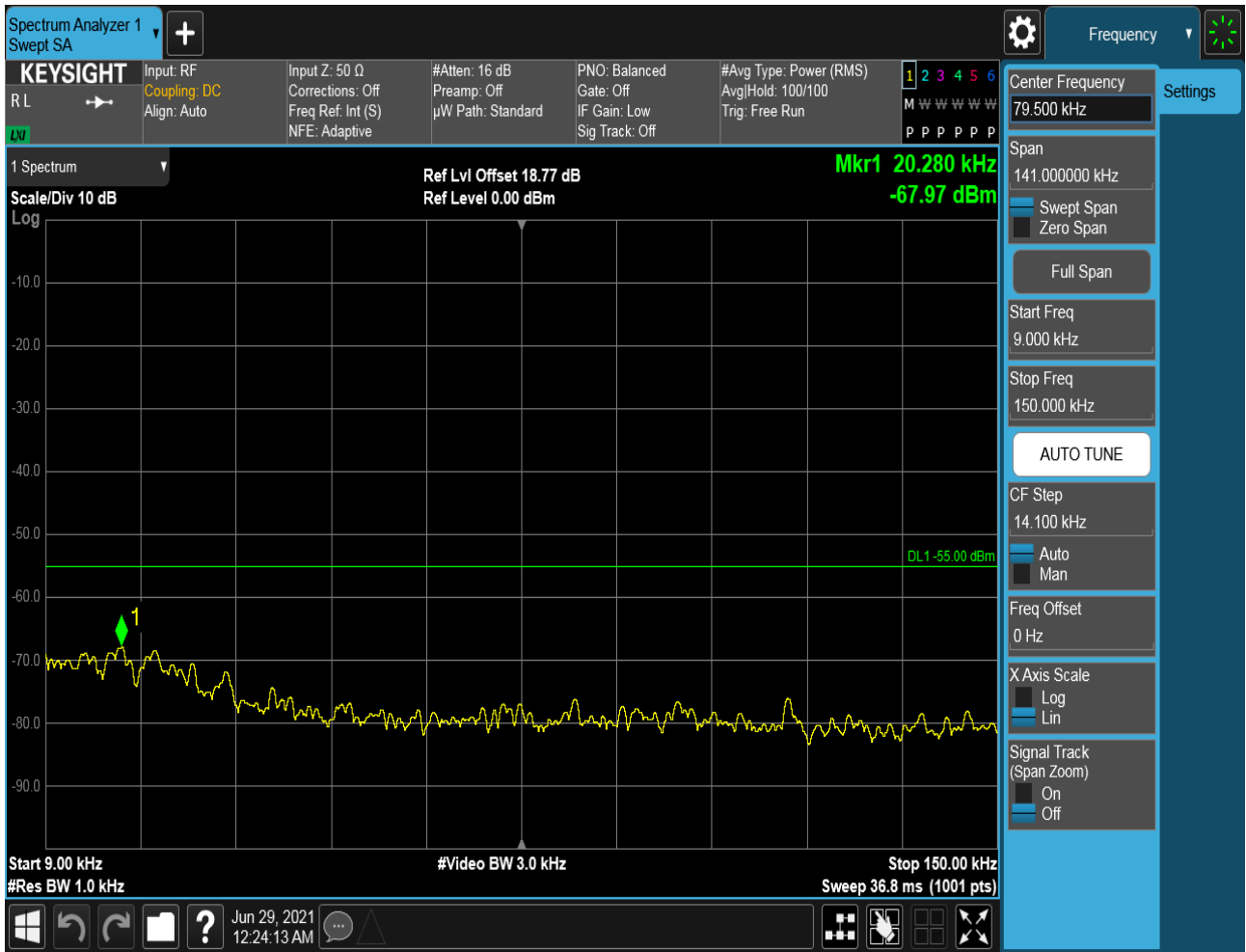


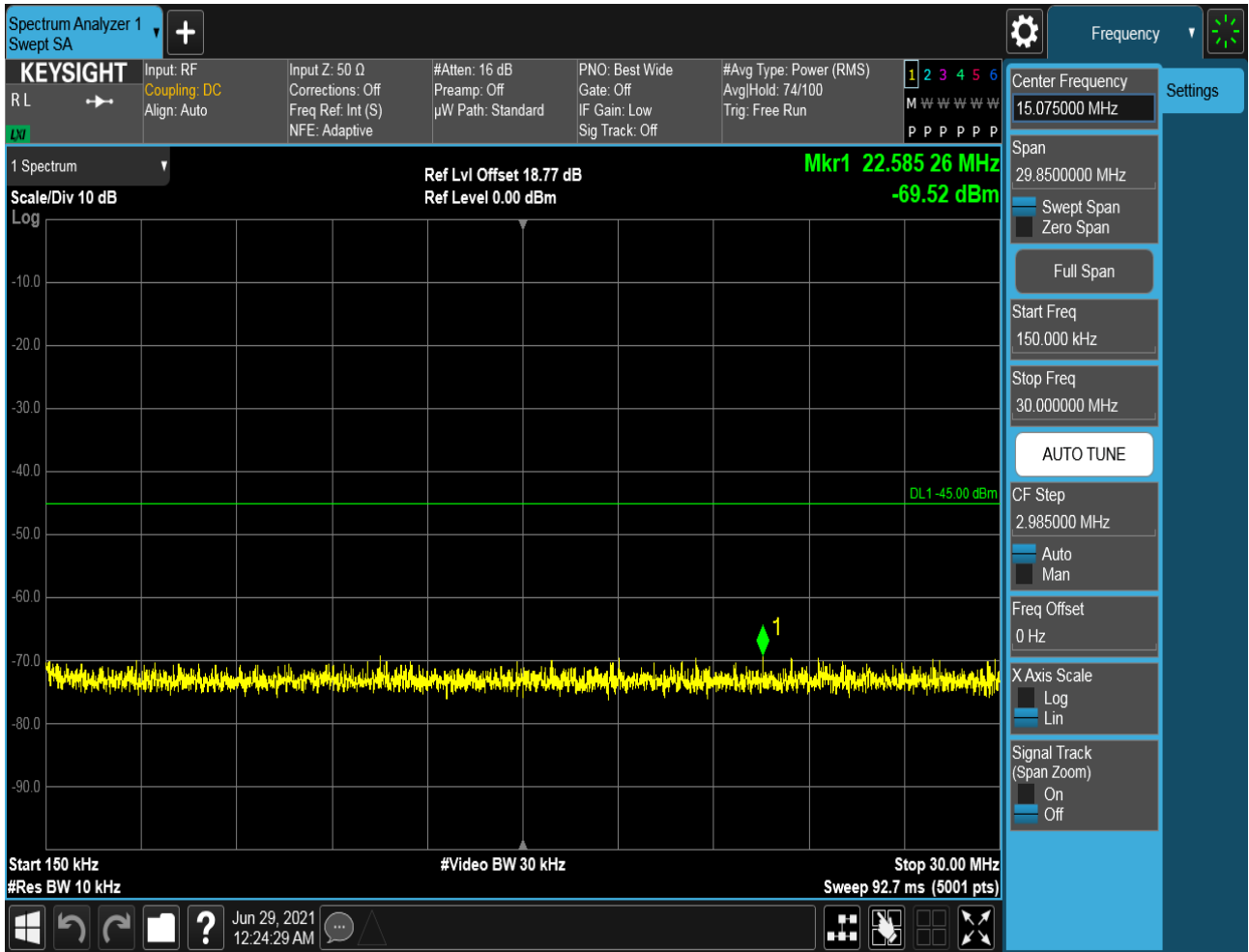


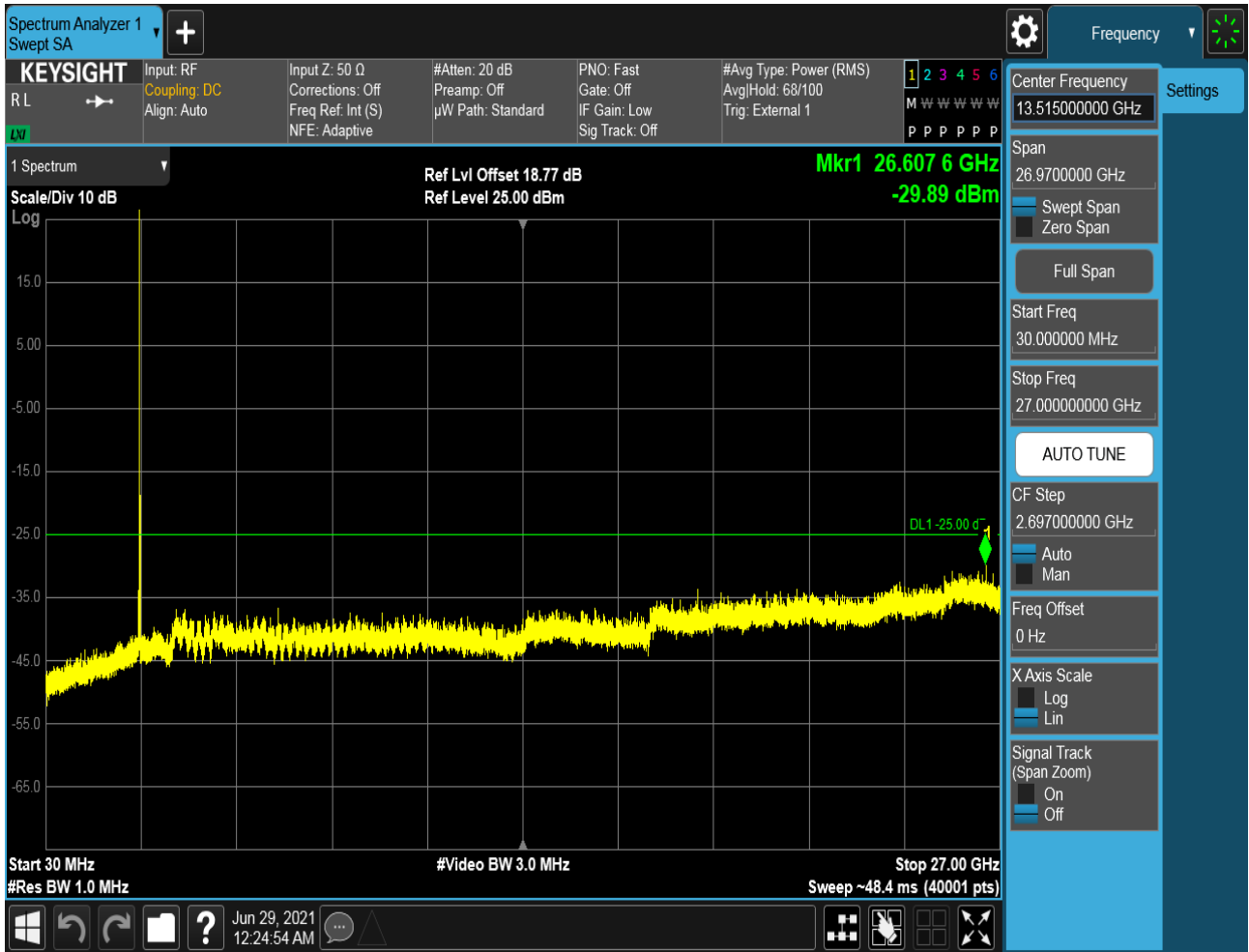


6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0





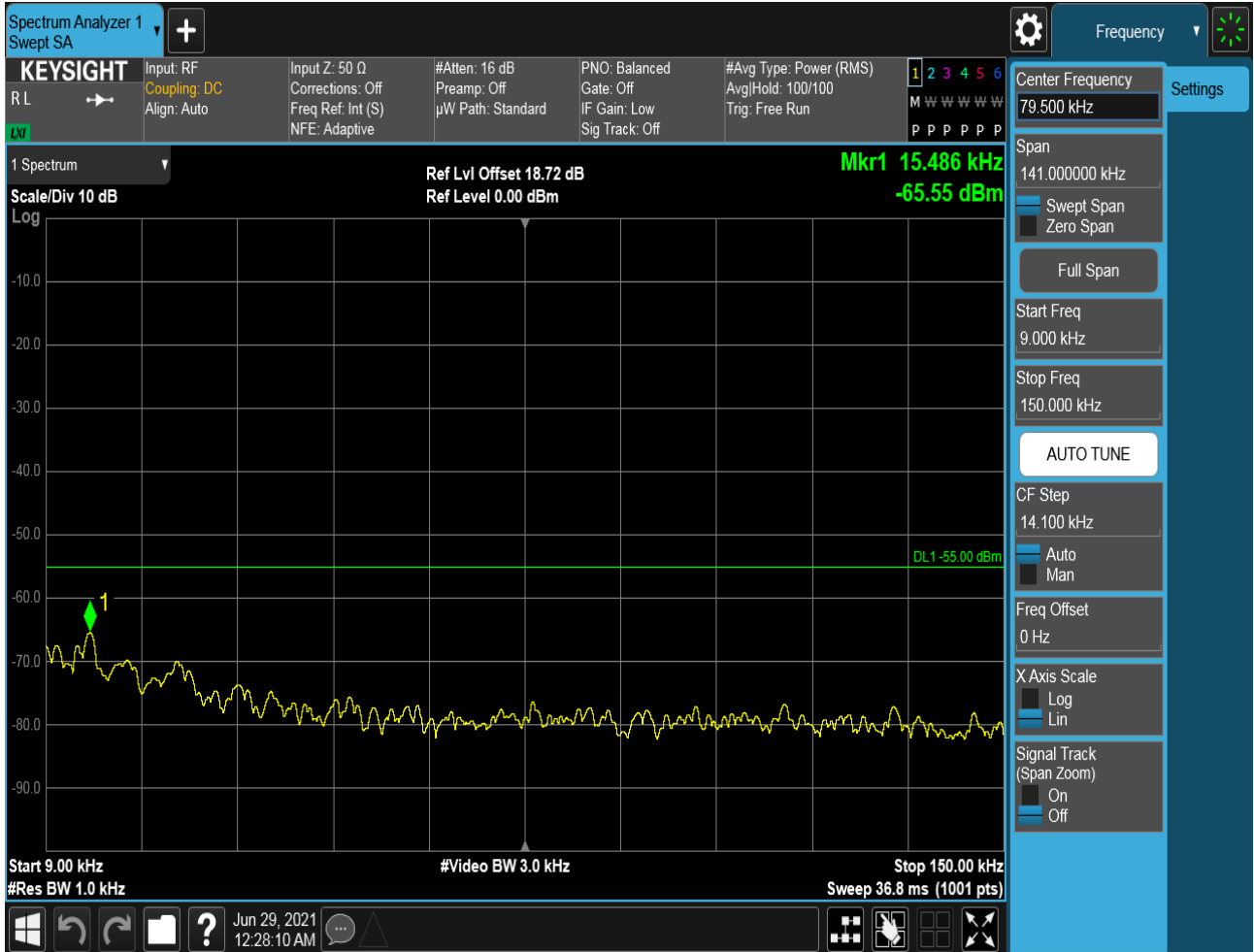


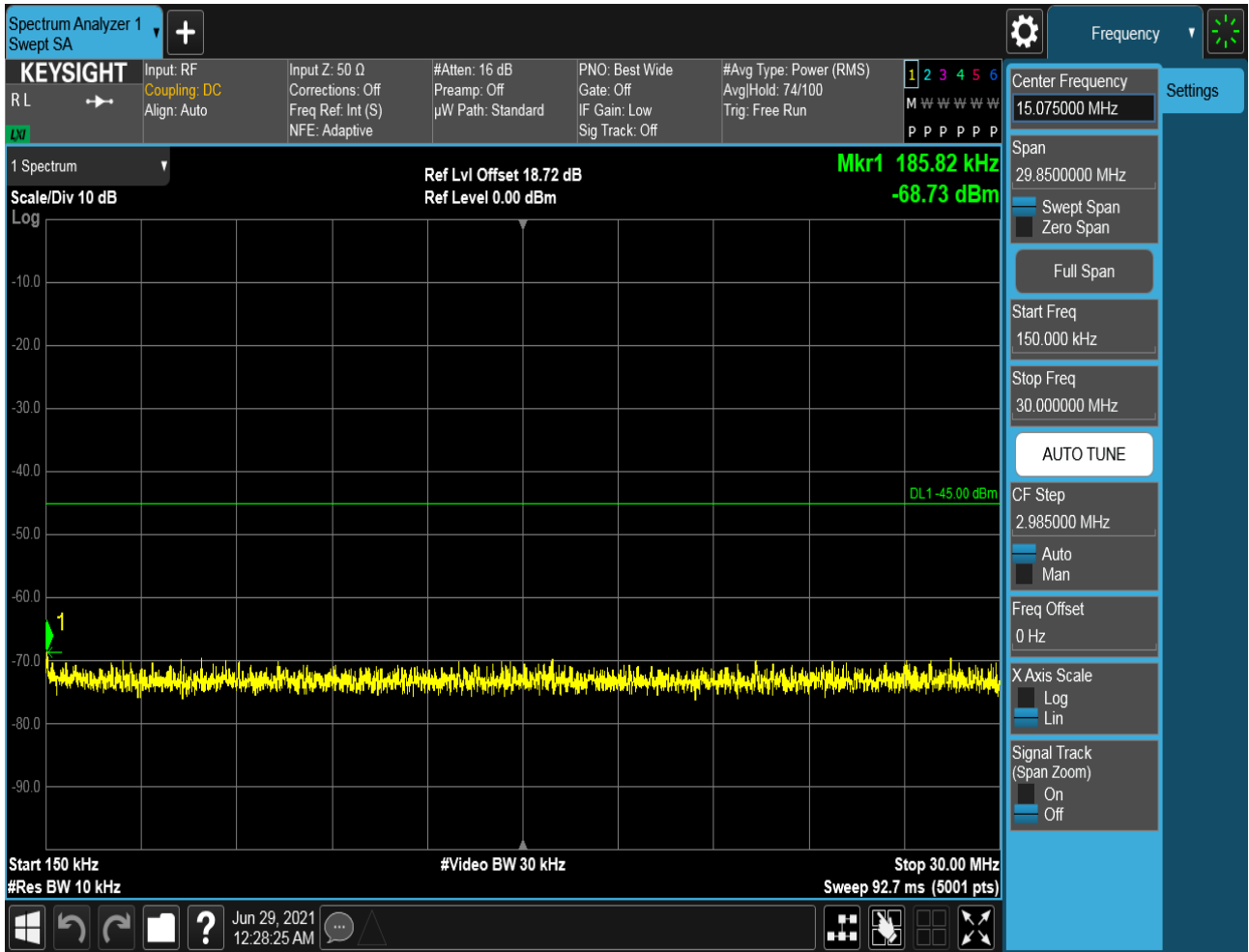


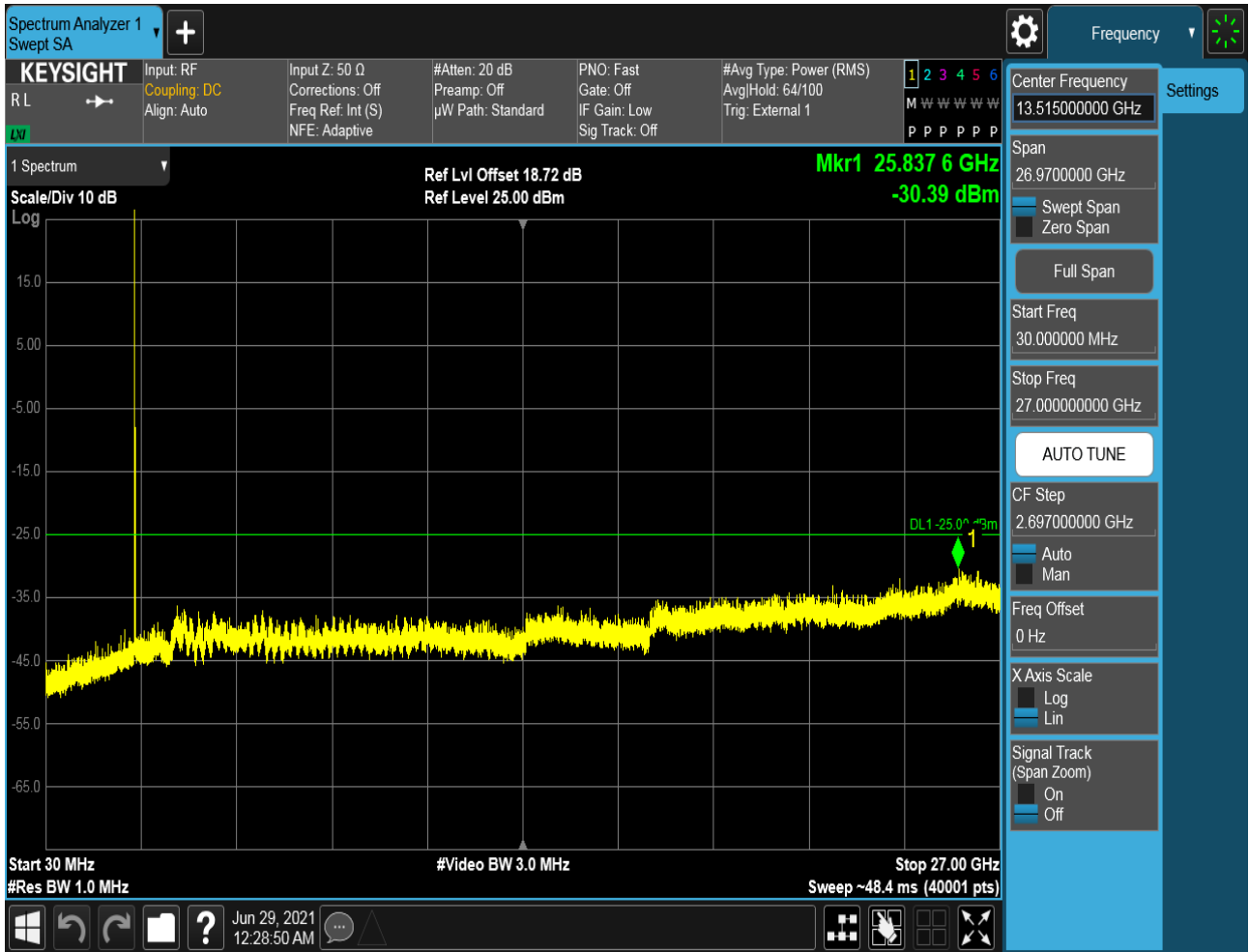
6.2.1.2.3 Test Bandwidth = 15MHz

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0



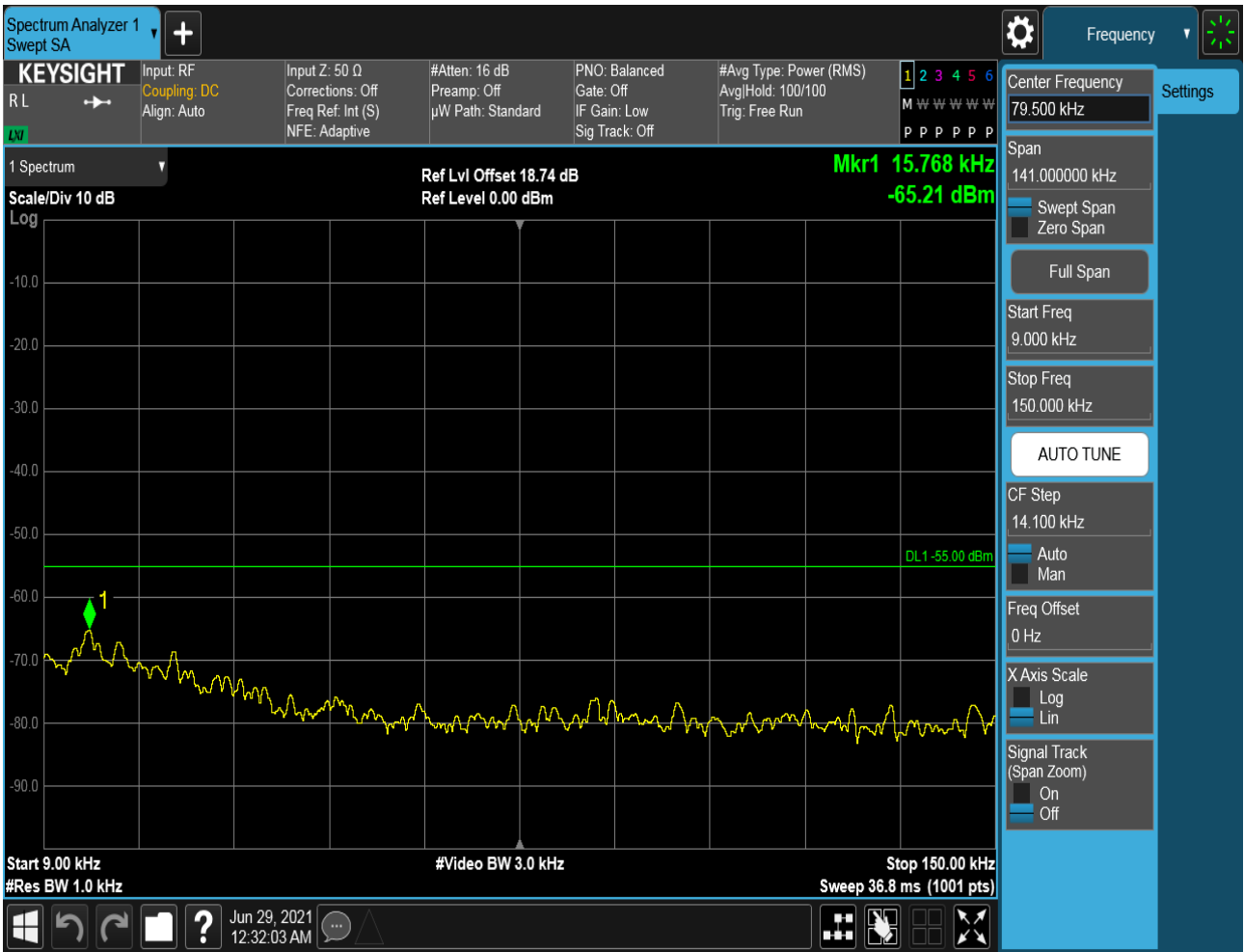


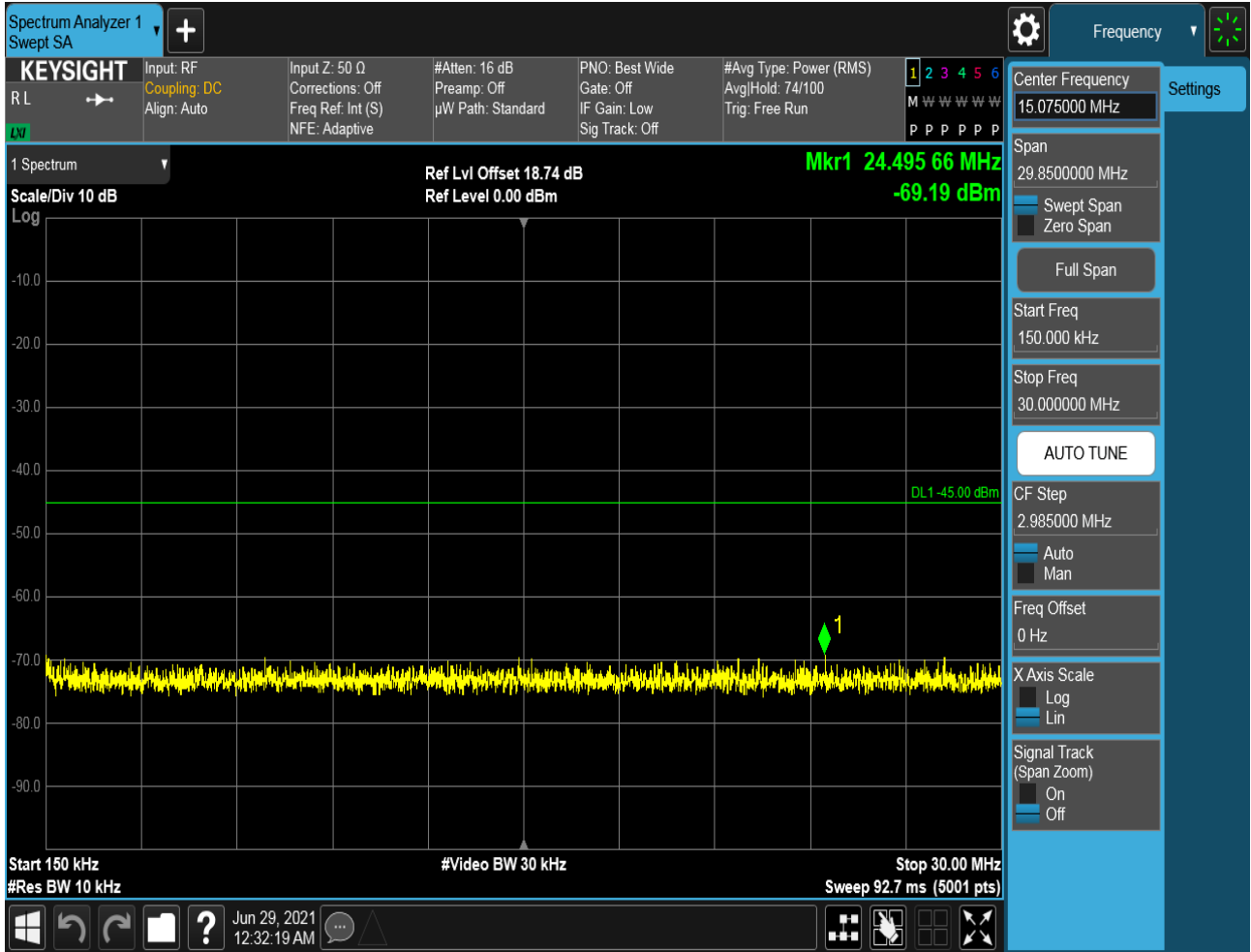


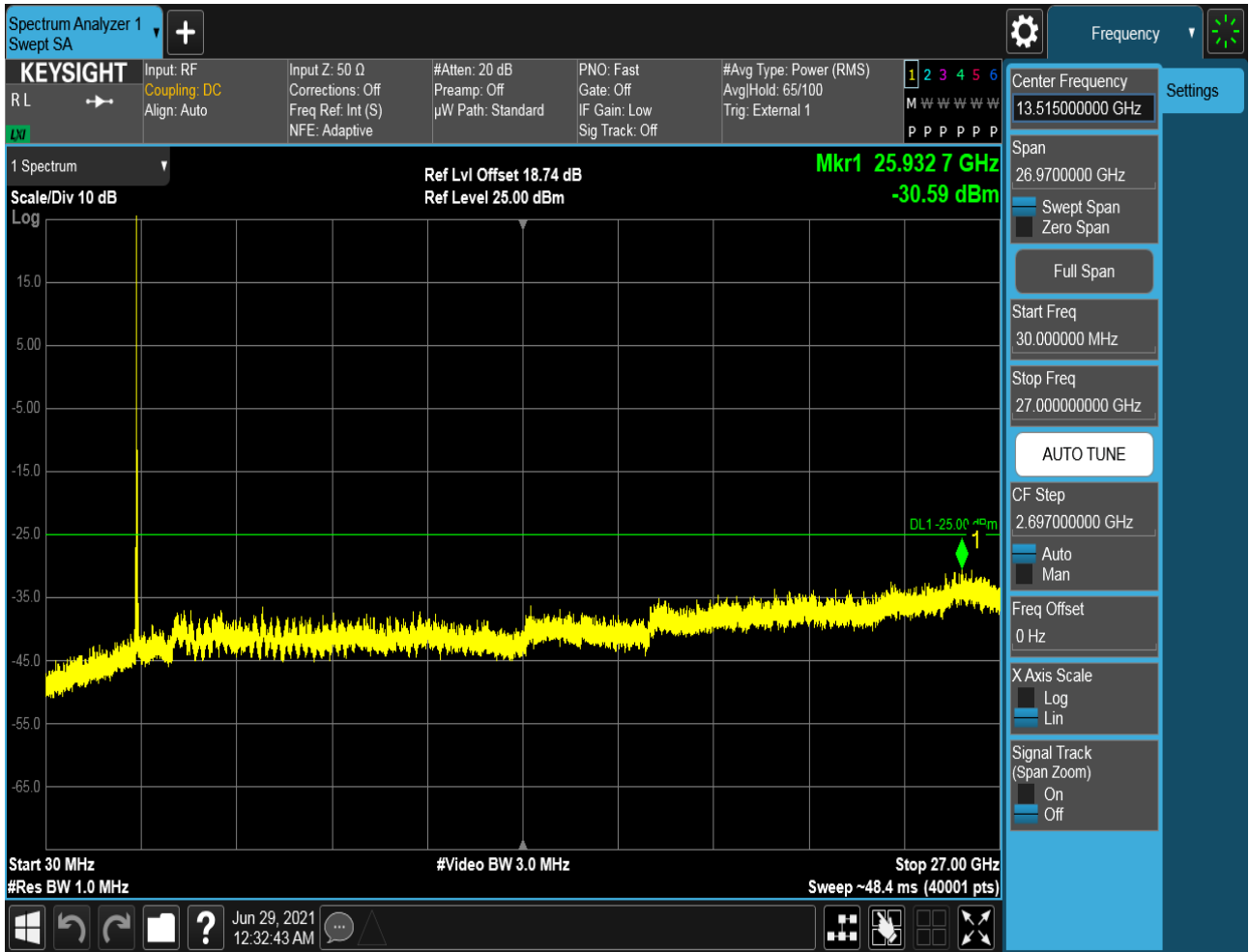


6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0



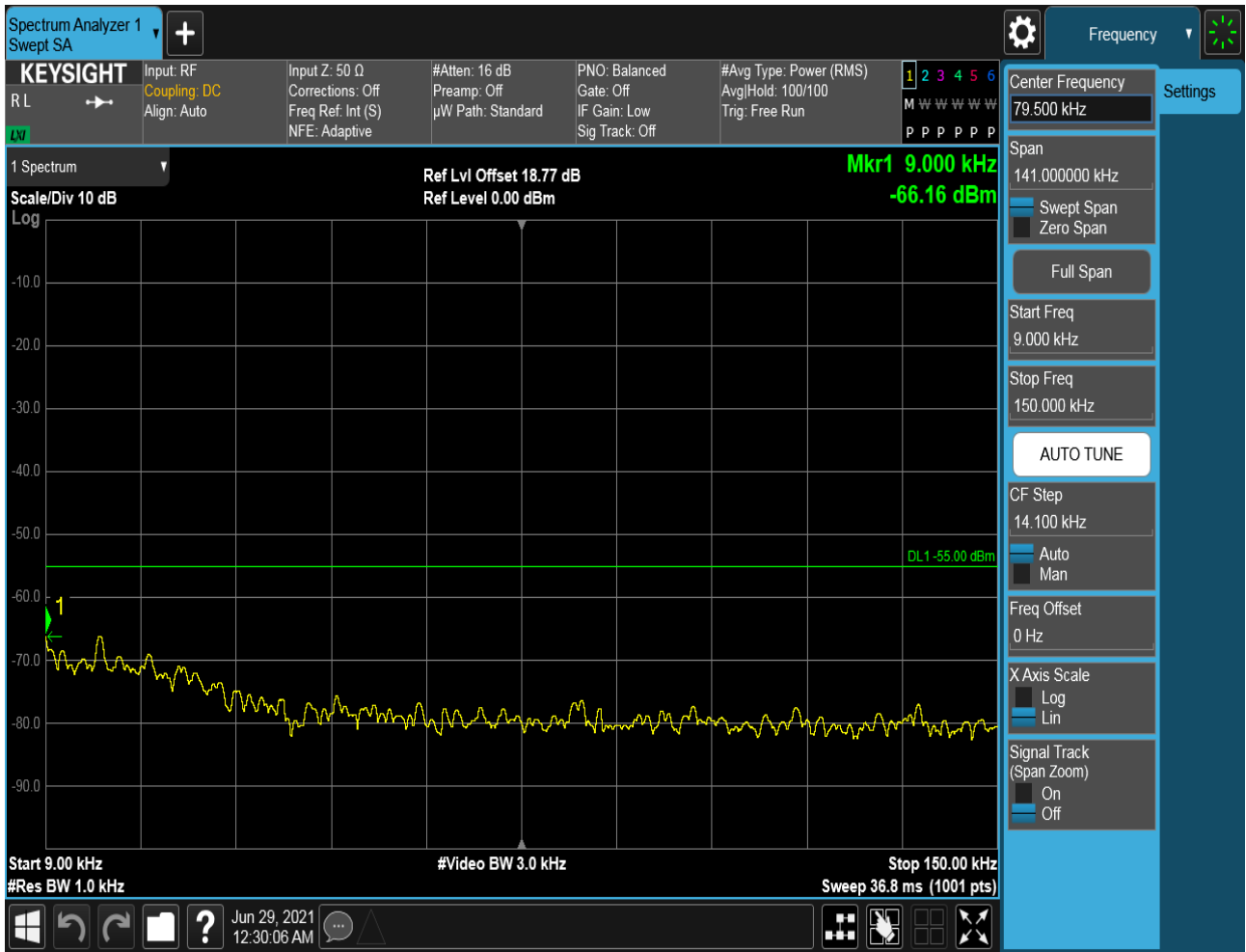


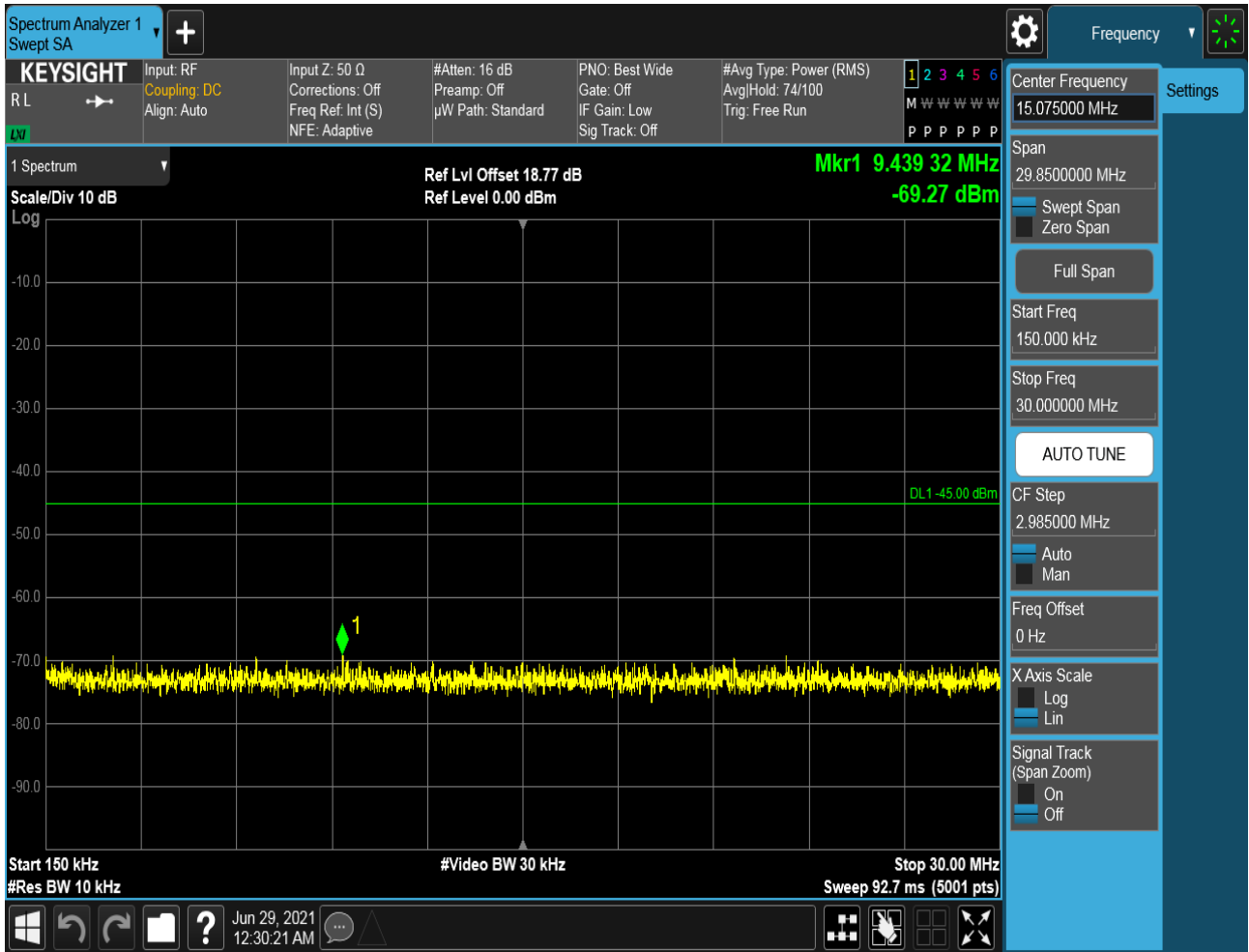


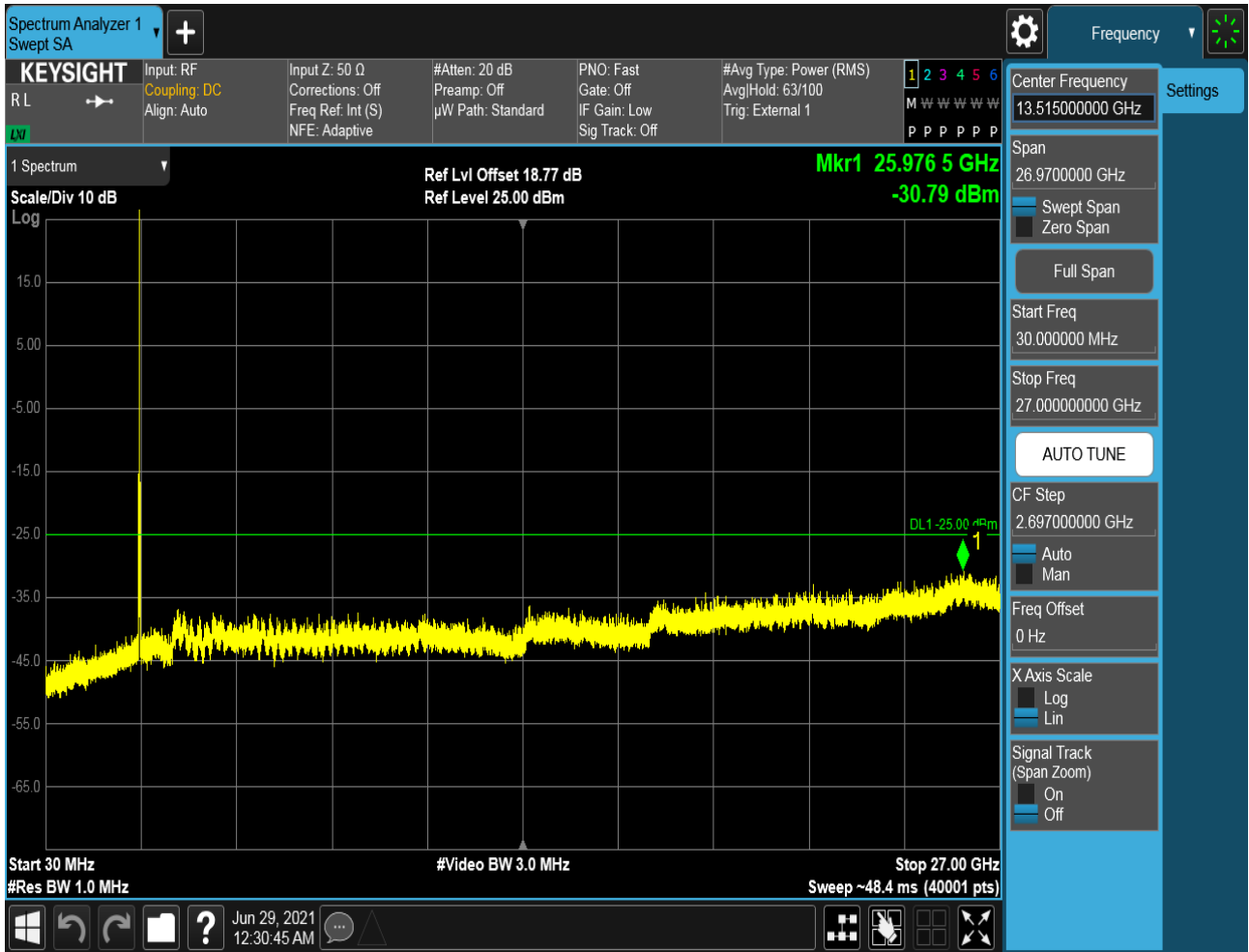


6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0





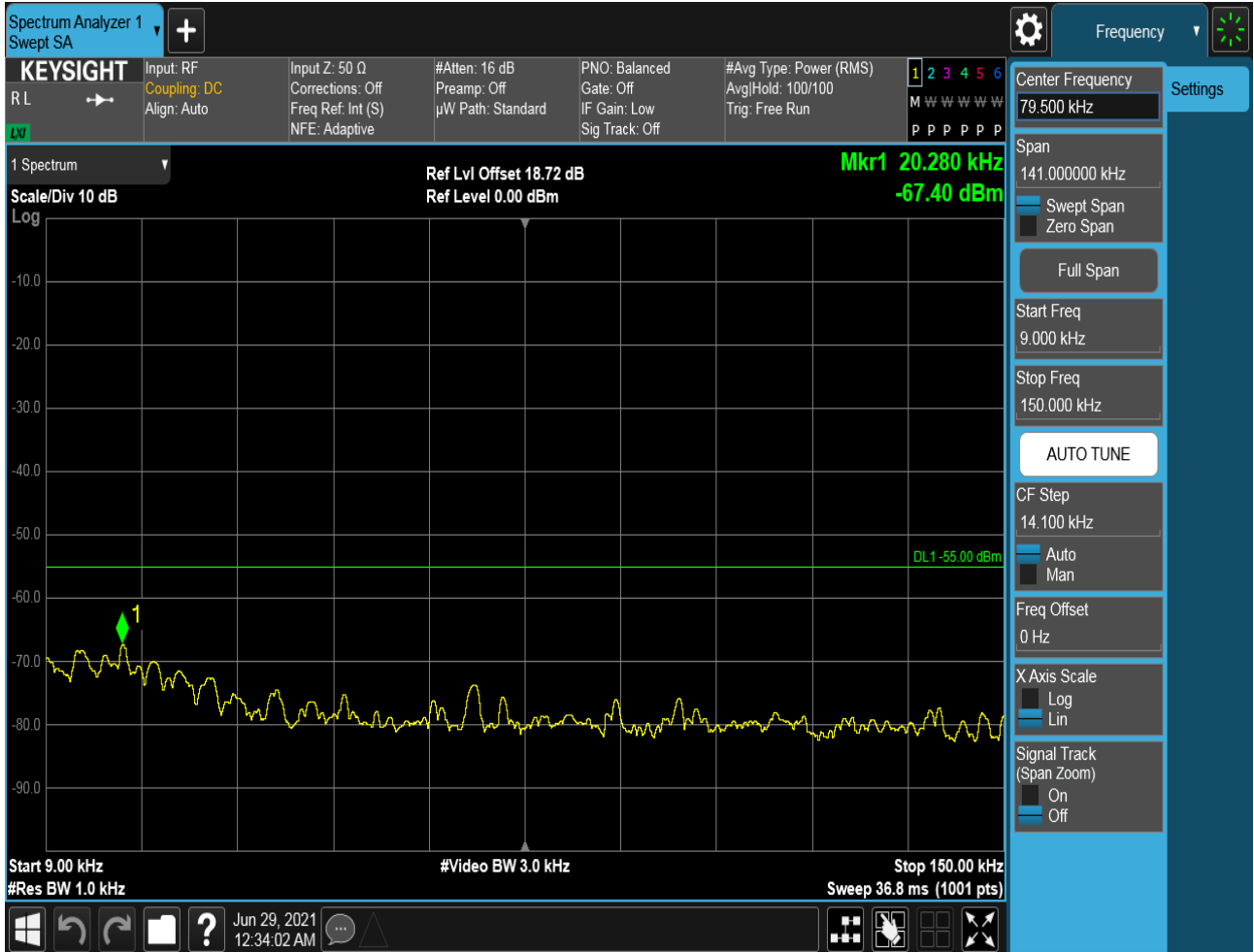


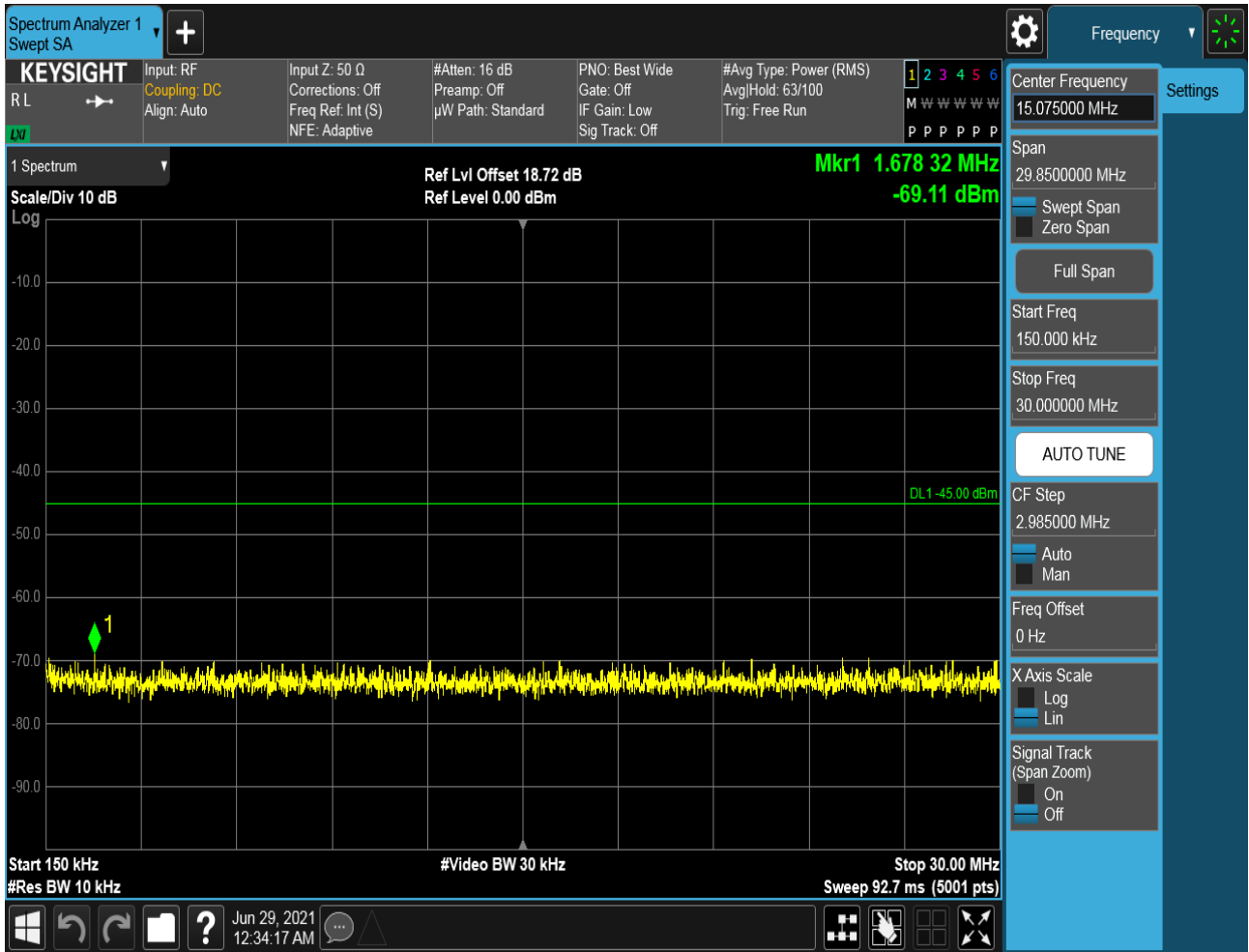


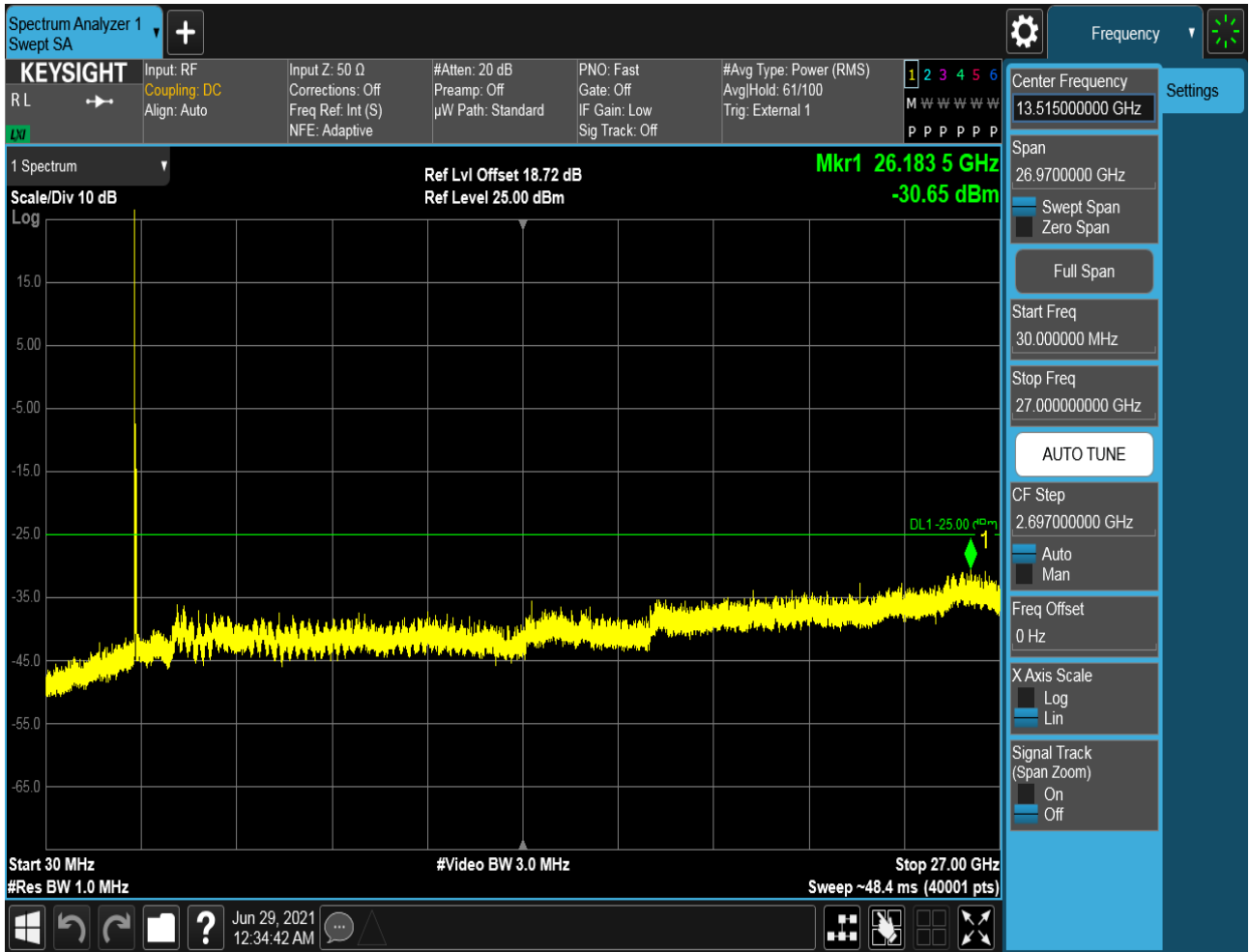
6.2.1.2.4 Test Bandwidth = 20MHz

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0



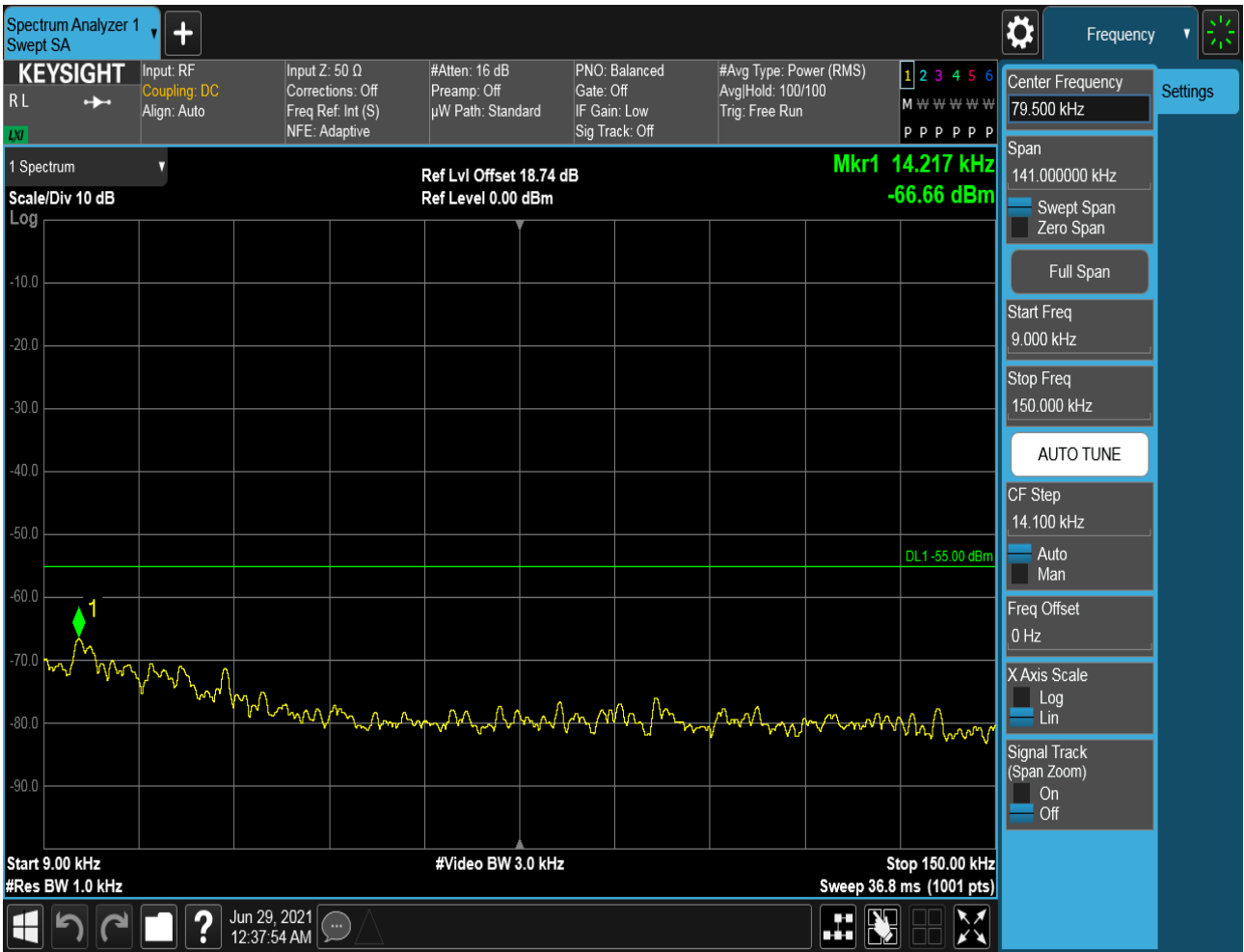


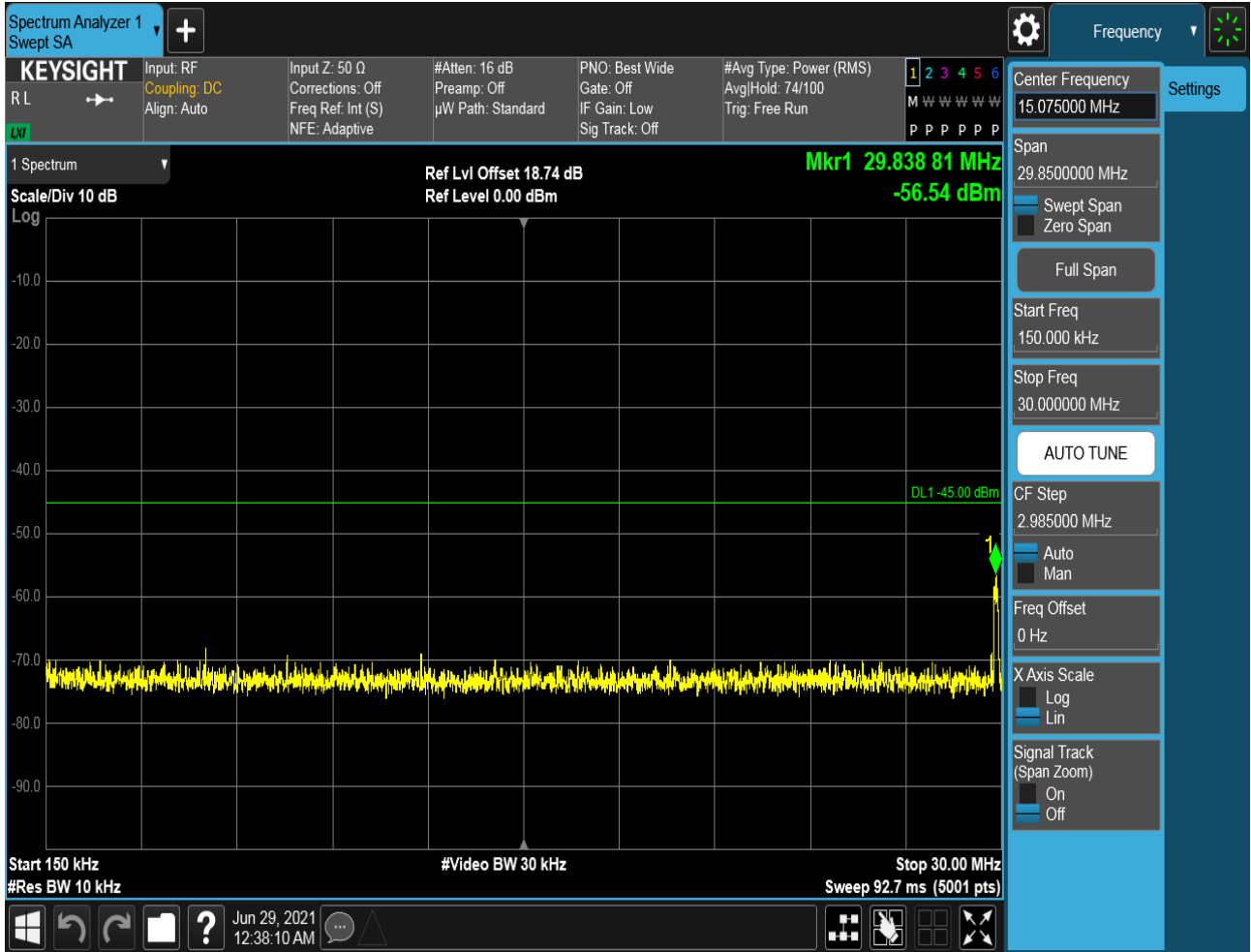




6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0

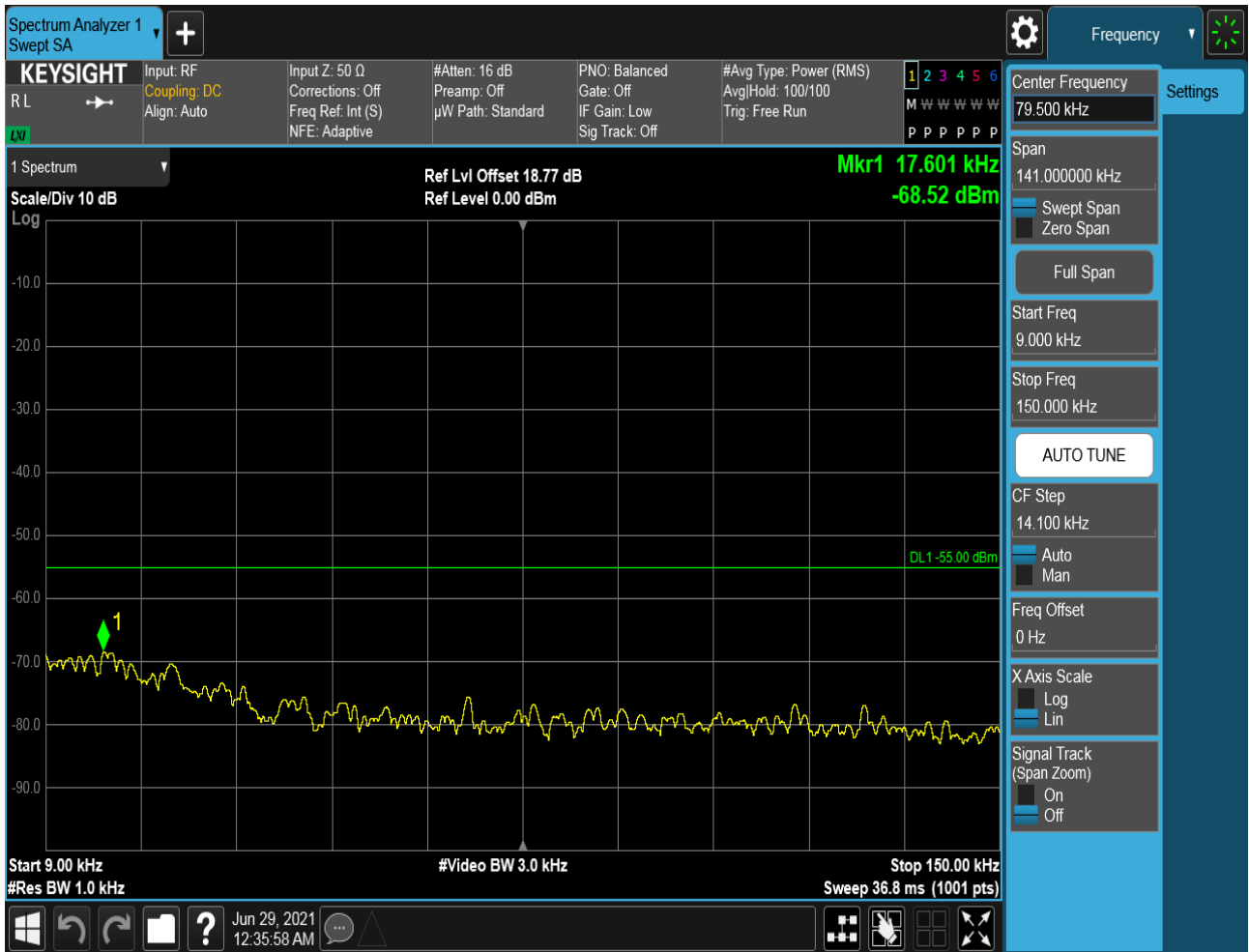


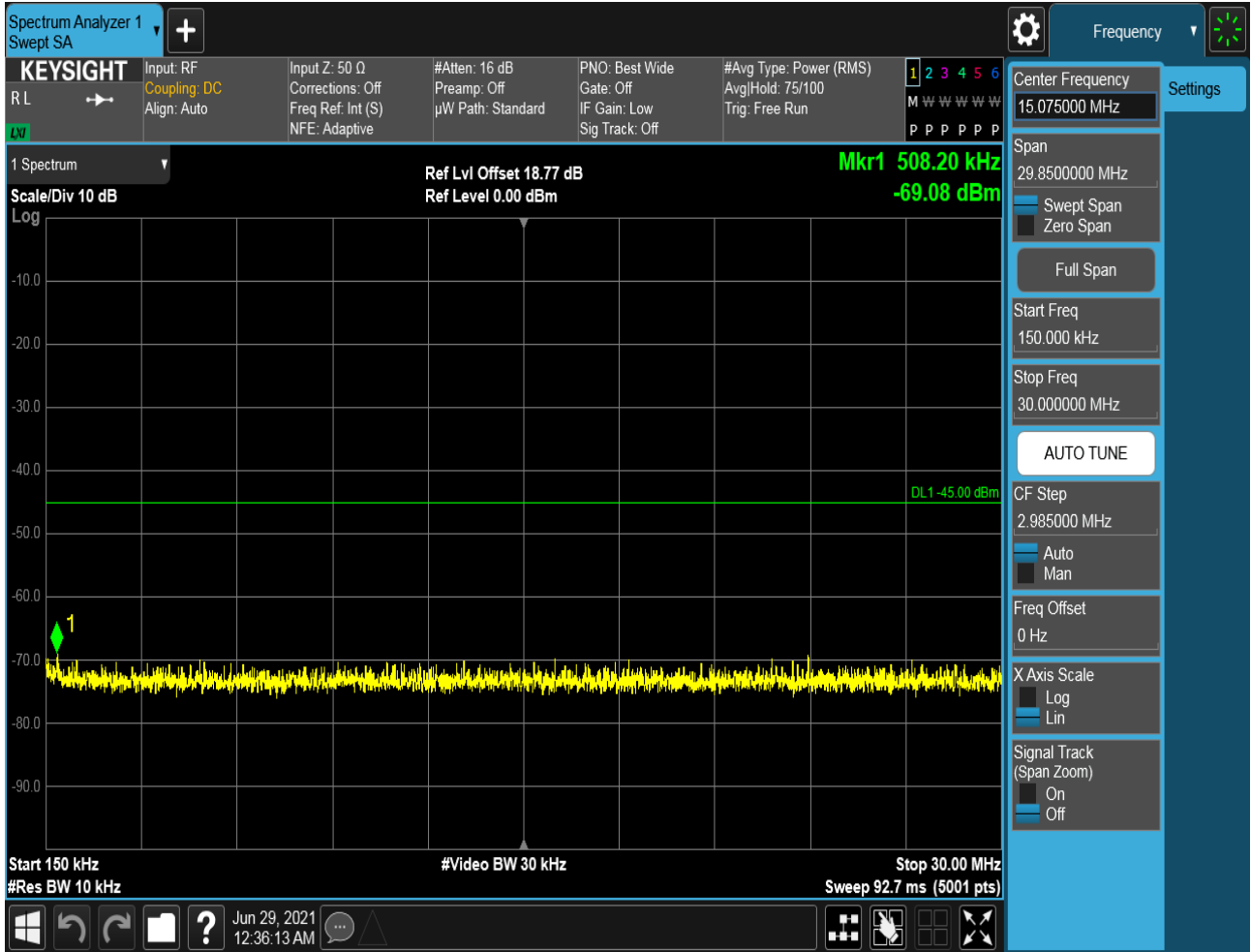


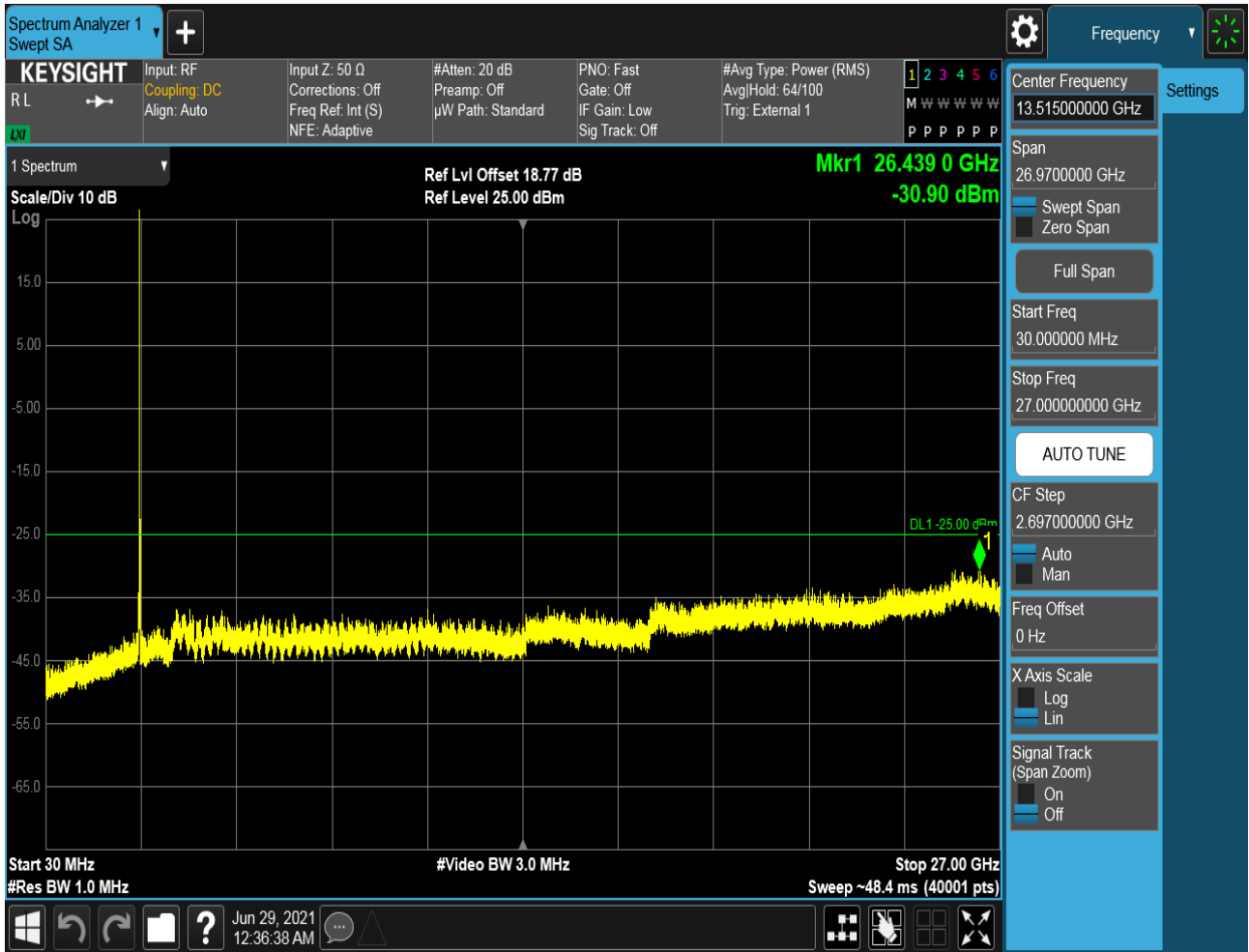


6.2.1.2.4.3 Test Channel = HCH

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

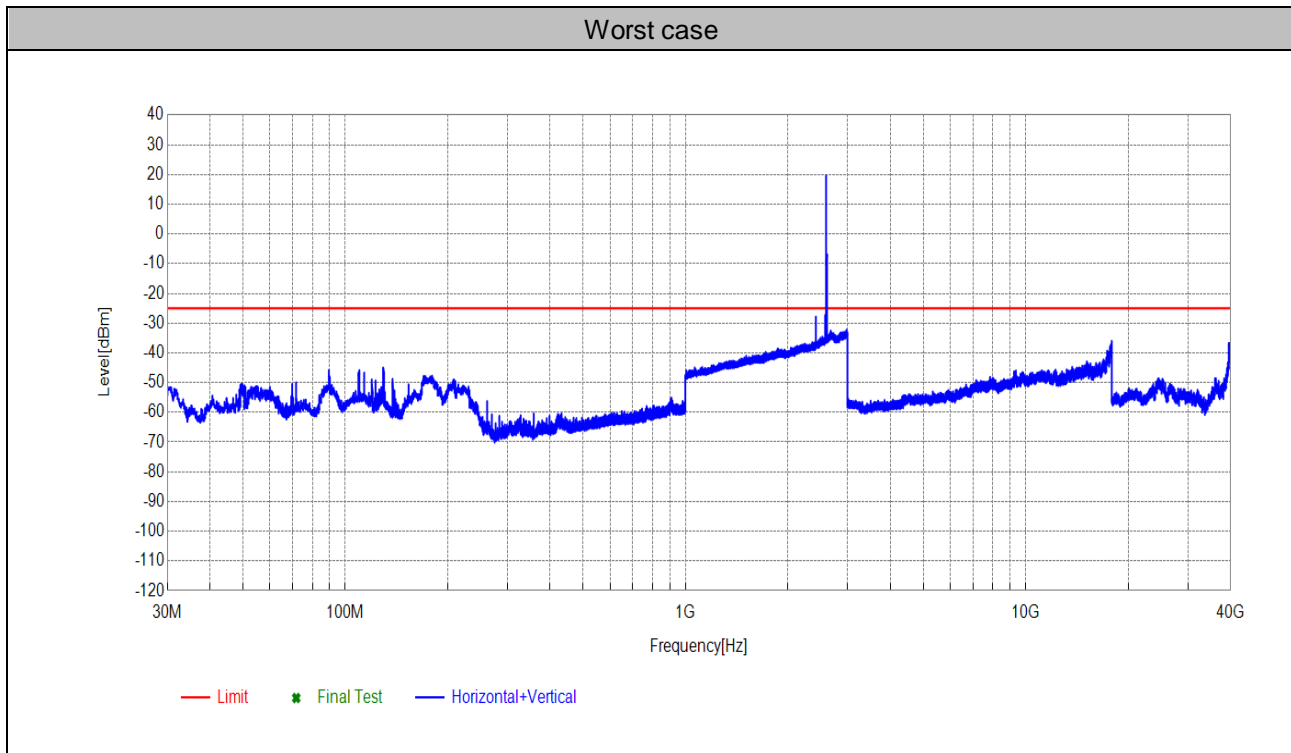
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

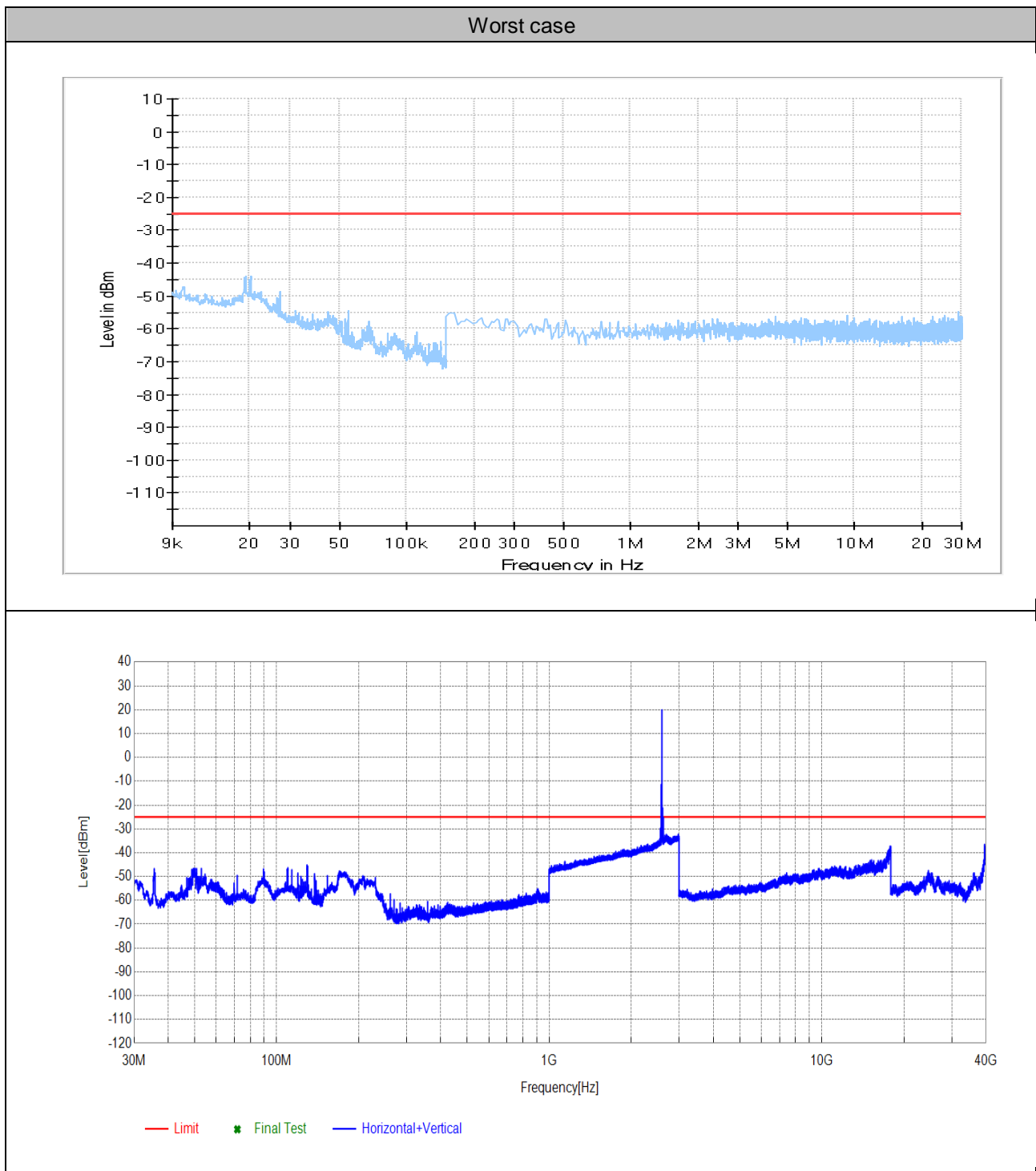
7.1 For LTE

7.1.1 Test Band = Band41

7.1.1.1 Test Bandwidth = 5MHz



7.1.1.2 Test Bandwidth = 20MHz



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
Band41	LTE/TM1	5	LCH	TN	VL	-3.96045	-0.00156	PASS
					VN	-18.65540	-0.00735	PASS
					VH	-14.29316	-0.00563	PASS
			MCH	TN	VL	-3.46778	-0.00133	PASS
					VN	-9.71856	-0.00374	PASS
					VH	-8.21191	-0.00316	PASS
			HCH	TN	VL	-3.08398	-0.00115	PASS
					VN	-13.41201	-0.00502	PASS
					VH	-11.03657	-0.00413	PASS
		10	LCH	TN	VL	-5.56725	-0.00219	PASS
					VN	-7.81432	-0.00308	PASS
					VH	-8.33519	-0.00328	PASS
			MCH	TN	VL	-3.61526	-0.00139	PASS
					VN	-12.81997	-0.00493	PASS
					VH	-10.26161	-0.00395	PASS
			HCH	TN	VL	0.79885	0.00030	PASS
					VN	-6.77316	-0.00254	PASS
					VH	-6.28505	-0.00235	PASS
		15	LCH	TN	VL	-12.95258	-0.00509	PASS
					VN	-9.36169	-0.00368	PASS
					VH	-12.49319	-0.00491	PASS
			MCH	TN	VL	-2.22032	-0.00085	PASS
					VN	-4.26753	-0.00164	PASS
					VH	-10.36499	-0.00399	PASS
			HCH	TN	VL	-7.08604	-0.00266	PASS
					VN	-4.75535	-0.00178	PASS
					VH	-6.10147	-0.00229	PASS
		20	LCH	TN	VL	-5.18388	-0.00204	PASS
					VN	-11.14625	-0.00438	PASS
					VH	-7.80231	-0.00307	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	-8.17204	-0.00314	PASS
					VN	-7.56649	-0.00291	PASS
					VH	-6.81760	-0.00262	PASS
			HCH	TN	VL	-3.29744	-0.00124	PASS
					VN	-11.08885	-0.00416	PASS
					VH	-9.07425	-0.00340	PASS
		5	LCH	TN	VL	-6.90860	-0.00272	PASS
					VN	-0.24714	-0.00010	PASS
					VH	-0.48148	-0.00019	PASS
			MCH	TN	VL	-6.93642	-0.00267	PASS
					VN	-3.51253	-0.00135	PASS
					VH	-4.49591	-0.00173	PASS
			HCH	TN	VL	-2.68544	-0.00100	PASS
					VN	-4.64365	-0.00174	PASS
					VH	-3.21572	-0.00120	PASS
		10	LCH	TN	VL	-7.08221	-0.00279	PASS
					VN	-5.98739	-0.00236	PASS
					VH	-2.55574	-0.00101	PASS
			MCH	TN	VL	-10.43785	-0.00401	PASS
					VN	-8.25774	-0.00318	PASS
					VH	-15.70763	-0.00604	PASS
			HCH	TN	VL	-6.76726	-0.00253	PASS
					VN	-10.90791	-0.00409	PASS
					VH	-2.50930	-0.00094	PASS
		15	LCH	TN	VL	-11.82772	-0.00465	PASS
					VN	-10.24481	-0.00403	PASS
					VH	-12.74409	-0.00501	PASS
			MCH	TN	VL	-6.56689	-0.00253	PASS
					VN	-2.04112	-0.00079	PASS
					VH	-8.97772	-0.00345	PASS
			HCH	TN	VL	0.85036	0.00032	PASS
					VN	-9.94514	-0.00373	PASS
					VH	-7.56575	-0.00284	PASS
		20	LCH	TN	VL	-3.20336	-0.00126	PASS
					VN	-10.13746	-0.00398	PASS
					VH	-8.32971	-0.00327	PASS
			MCH	TN	VL	-5.22800	-0.00201	PASS
					VN	-9.52662	-0.00366	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	-7.63435	-0.00294	PASS
			HCH	TN	VL	-5.35156	-0.00201	PASS
					VN	-9.37984	-0.00352	PASS
					VH	-2.84000	-0.00107	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
Band41	LTE/TM1	5	LCH	VN	-30	-10.12383	-0.00399	PASS
					-20	-13.74494	-0.00542	PASS
					-10	-14.86211	-0.00586	PASS
					0	-8.80264	-0.00347	PASS
					10	-6.07867	-0.00240	PASS
					20	-18.65540	-0.00735	PASS
					30	-7.40056	-0.00292	PASS
					40	-7.33425	-0.00289	PASS
			50	-10.42643	-0.00411	PASS		
			MCH	VN	-30	-9.50601	-0.00366	PASS
					-20	-7.69025	-0.00296	PASS
					-10	-7.46180	-0.00287	PASS
					0	-3.56516	-0.00137	PASS
					10	-2.03942	-0.00078	PASS
					20	-9.71856	-0.00374	PASS
					30	-3.80018	-0.00146	PASS
					40	-11.25077	-0.00433	PASS
			HCH	VN	-30	-7.70808	-0.00288	PASS
					-20	-15.27743	-0.00572	PASS
					-10	-8.54520	-0.00320	PASS
					0	-7.47729	-0.00280	PASS
					10	-11.99495	-0.00449	PASS
					20	-13.41201	-0.00502	PASS
					30	-10.41226	-0.00390	PASS
		40			-6.41081	-0.00240	PASS	
		10	LCH	VN	-30	-6.11331	-0.00241	PASS
					-20	-7.78214	-0.00306	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-10	-14.60600	-0.00575	PASS	
					0	-8.56776	-0.00337	PASS	
					10	-6.28820	-0.00248	PASS	
					20	-7.81432	-0.00308	PASS	
					30	-3.53117	-0.00139	PASS	
					40	-10.26589	-0.00404	PASS	
					50	-6.58322	-0.00259	PASS	
			MCH	VN	-30	-12.70792	-0.00489	PASS	
					-20	-3.92433	-0.00151	PASS	
					-10	-10.55885	-0.00406	PASS	
					0	-7.50694	-0.00289	PASS	
					10	-8.48744	-0.00326	PASS	
					20	-12.81997	-0.00493	PASS	
					30	-9.72785	-0.00374	PASS	
					40	-11.57326	-0.00445	PASS	
			HCH	VN	-30	-12.57768	-0.00471	PASS	
					-20	-11.20046	-0.00419	PASS	
					-10	-16.22000	-0.00607	PASS	
					0	-13.53745	-0.00507	PASS	
					10	-5.81574	-0.00218	PASS	
					20	-6.77316	-0.00254	PASS	
					30	-8.52266	-0.00319	PASS	
					40	-9.60563	-0.00360	PASS	
			15	LCH	VN	-30	-10.81992	-0.00426	PASS
						-20	-6.81825	-0.00268	PASS
						-10	-10.17630	-0.00400	PASS
						0	-7.24042	-0.00285	PASS
						10	-4.00448	-0.00158	PASS
						20	-9.36169	-0.00368	PASS
						30	-7.12076	-0.00280	PASS
						40	-11.32095	-0.00445	PASS
				50	-13.10773	-0.00516	PASS		
				MCH	VN	-30	-7.34713	-0.00283	PASS
						-20	-6.02159	-0.00232	PASS
						-10	-11.22754	-0.00432	PASS
						0	-9.25511	-0.00356	PASS
						10	-4.36610	-0.00168	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-4.26753	-0.00164	PASS		
					30	-7.55468	-0.00291	PASS		
					40	-4.77606	-0.00184	PASS		
					50	-6.81201	-0.00262	PASS		
			HCH	VN	-30	-6.34424	-0.00238	PASS		
					-20	-4.02314	-0.00151	PASS		
					-10	-6.22183	-0.00233	PASS		
					0	-9.95147	-0.00373	PASS		
					10	-8.20881	-0.00308	PASS		
					20	-4.75535	-0.00178	PASS		
					30	-3.27440	-0.00123	PASS		
					40	-5.72284	-0.00215	PASS		
					50	-6.45534	-0.00242	PASS		
					LCH	VN	-30	-13.54470	-0.00532	PASS
							-20	-13.53803	-0.00532	PASS
							-10	-9.78721	-0.00385	PASS
			0	-7.59699			-0.00299	PASS		
			10	-4.93412			-0.00194	PASS		
			20	-11.14625			-0.00438	PASS		
			30	-1.49578			-0.00059	PASS		
		40	-6.92898	-0.00272			PASS			
		MCH	VN	50	-5.10597	-0.00201	PASS			
				-30	-6.13316	-0.00236	PASS			
				-20	-5.70536	-0.00219	PASS			
				-10	-2.70390	-0.00104	PASS			
				0	-1.51807	-0.00058	PASS			
				10	-8.96908	-0.00345	PASS			
				20	-7.56649	-0.00291	PASS			
				30	-5.44586	-0.00209	PASS			
		HCH	VN	40	-12.04276	-0.00463	PASS			
				50	-7.14453	-0.00275	PASS			
				-30	-5.49587	-0.00206	PASS			
				-20	-11.69344	-0.00439	PASS			
				-10	-15.06371	-0.00565	PASS			
				0	-12.26629	-0.00460	PASS			
				10	-8.46764	-0.00318	PASS			
				20	-11.08885	-0.00416	PASS			
							30	-10.63838	-0.00399	PASS
							40	-11.15760	-0.00419	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	-4.93603	-0.00185	PASS
					-30	-3.39950	-0.00134	PASS
					-20	-1.21401	-0.00048	PASS
					-10	-6.34112	-0.00250	PASS
					0	-0.61457	-0.00024	PASS
					10	-5.49662	-0.00217	PASS
					20	-0.24714	-0.00010	PASS
					30	1.50465	0.00059	PASS
					40	2.07207	0.00082	PASS
					50	-4.30754	-0.00170	PASS
			MCH	VN	-30	-4.36702	-0.00168	PASS
					-20	-4.90667	-0.00189	PASS
					-10	-7.60400	-0.00292	PASS
					0	-1.96323	-0.00076	PASS
					10	-2.94041	-0.00113	PASS
					20	-3.51253	-0.00135	PASS
					30	-8.96036	-0.00345	PASS
					40	-7.47044	-0.00287	PASS
					50	-9.42822	-0.00363	PASS
					HCH	VN	-30	-1.51298
		-20	-0.60360	-0.00023			PASS	
		-10	-3.08557	-0.00115			PASS	
		0	1.20211	0.00045			PASS	
		10	-3.55638	-0.00133			PASS	
		20	-4.64365	-0.00174			PASS	
		30	-3.39394	-0.00127			PASS	
		40	2.45093	0.00092			PASS	
		50	-1.95911	-0.00073			PASS	
		10	LCH	VN			-30	-3.10946
					-20	-6.82991	-0.00269	PASS
					-10	-11.10191	-0.00437	PASS
					0	-7.09252	-0.00279	PASS
					10	-8.52190	-0.00336	PASS
					20	-5.98739	-0.00236	PASS
					30	-6.79816	-0.00268	PASS
					40	-8.64385	-0.00340	PASS
					50	-5.60164	-0.00221	PASS
			MCH	VN	-30	-4.06547	-0.00156	PASS
		-20	1.23174	0.00047	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-8.09990	-0.00312	PASS
					0	-9.06410	-0.00349	PASS
					10	-12.49534	-0.00481	PASS
					20	-8.25774	-0.00318	PASS
					30	-7.21506	-0.00278	PASS
					40	-8.92448	-0.00343	PASS
					50	-7.77536	-0.00299	PASS
			HCH	VN	-30	-7.86335	-0.00295	PASS
					-20	-5.22952	-0.00196	PASS
					-10	-7.37717	-0.00276	PASS
					0	-5.80867	-0.00218	PASS
					10	-4.21250	-0.00158	PASS
					20	-10.90791	-0.00409	PASS
					30	-9.46206	-0.00354	PASS
			LCH	VN	-30	-14.18678	-0.00558	PASS
					-20	-7.90094	-0.00311	PASS
					-10	-7.13054	-0.00280	PASS
					0	-9.94384	-0.00391	PASS
					10	-8.09485	-0.00318	PASS
					20	-10.24481	-0.00403	PASS
		30			-7.82350	-0.00308	PASS	
		MCH	VN	40	-9.90823	-0.00390	PASS	
				50	-6.45491	-0.00254	PASS	
				-30	-6.64281	-0.00255	PASS	
				-20	-10.81918	-0.00416	PASS	
				-10	-7.25578	-0.00279	PASS	
				0	-2.93522	-0.00113	PASS	
				10	-1.09620	-0.00042	PASS	
		HCH	VN	20	-2.04112	-0.00079	PASS	
				30	-3.96189	-0.00152	PASS	
				40	-8.53086	-0.00328	PASS	
				50	-5.61800	-0.00216	PASS	
				-30	-5.74678	-0.00215	PASS	
				-20	-9.41702	-0.00353	PASS	
				-10	-3.26994	-0.00123	PASS	
		0	-8.02150	-0.00301	PASS			
		10	-14.07176	-0.00528	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					20	-9.94514	-0.00373	PASS			
					30	-5.63485	-0.00211	PASS			
					40	-5.62356	-0.00211	PASS			
					50	-11.10968	-0.00416	PASS			
		20		LCH	VN	-30	-12.29944	-0.00483	PASS		
						-20	-10.84930	-0.00426	PASS		
						-10	-9.79873	-0.00385	PASS		
						0	-11.35139	-0.00446	PASS		
						10	-6.37289	-0.00250	PASS		
						20	-10.13746	-0.00398	PASS		
						30	-7.55263	-0.00297	PASS		
						40	-8.98092	-0.00353	PASS		
						50	-7.07766	-0.00278	PASS		
						MCH	VN	-30	-9.07878	-0.00349	PASS
								-20	-7.13684	-0.00274	PASS
								-10	-5.73513	-0.00221	PASS
								0	-7.51868	-0.00289	PASS
								10	-10.14350	-0.00390	PASS
								20	-9.52662	-0.00366	PASS
								30	-10.10439	-0.00389	PASS
				40	-8.75132			-0.00337	PASS		
				HCH	VN	50	-9.44949	-0.00363	PASS		
						-30	-10.64060	-0.00399	PASS		
						-20	-7.78411	-0.00292	PASS		
						-10	-10.67525	-0.00401	PASS		
						0	-2.74180	-0.00103	PASS		
						10	-10.29949	-0.00386	PASS		
						20	-9.37984	-0.00352	PASS		
						30	-4.43842	-0.00167	PASS		
				40	-10.22802	-0.00384	PASS				
				50	-3.08396	-0.00116	PASS				

END