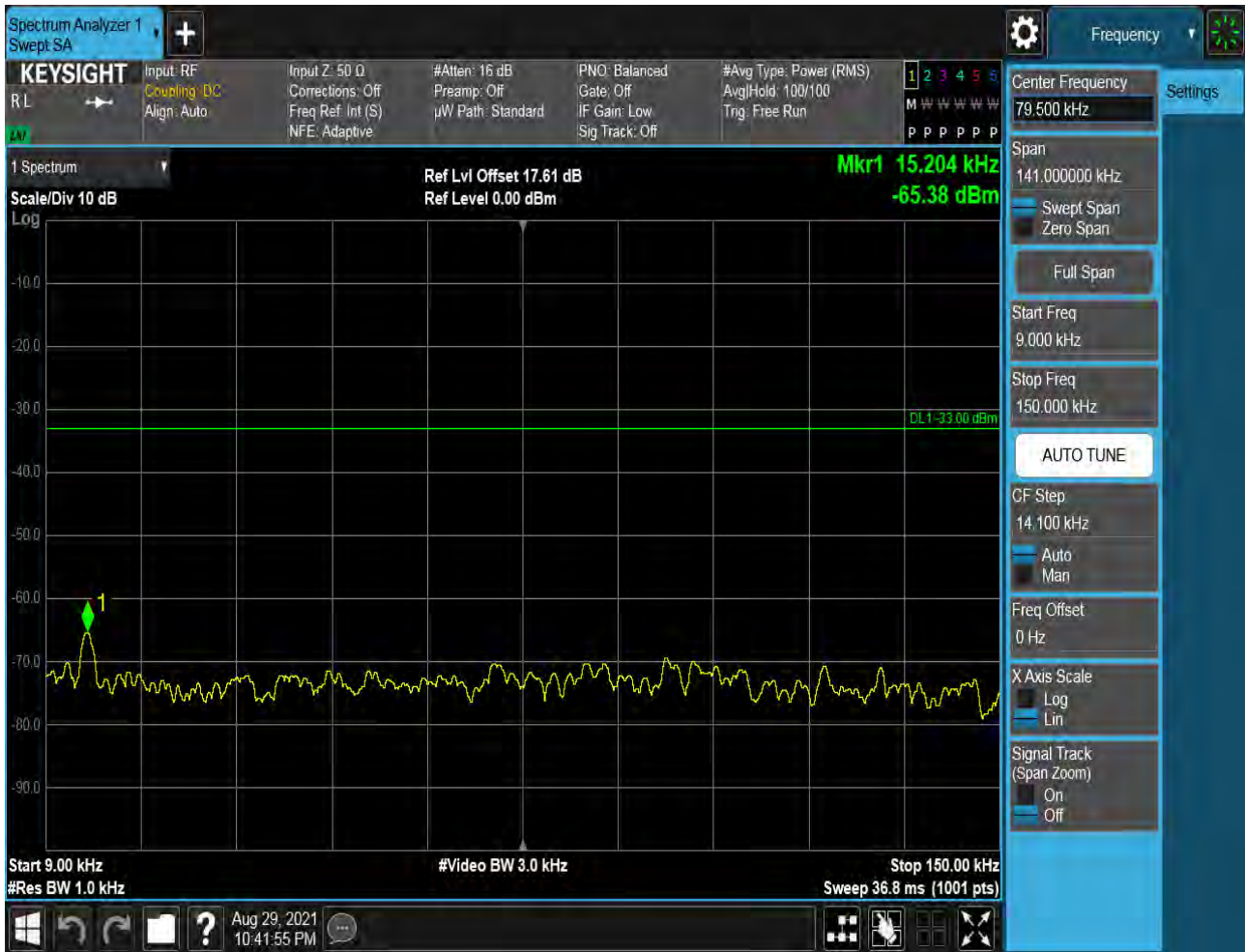
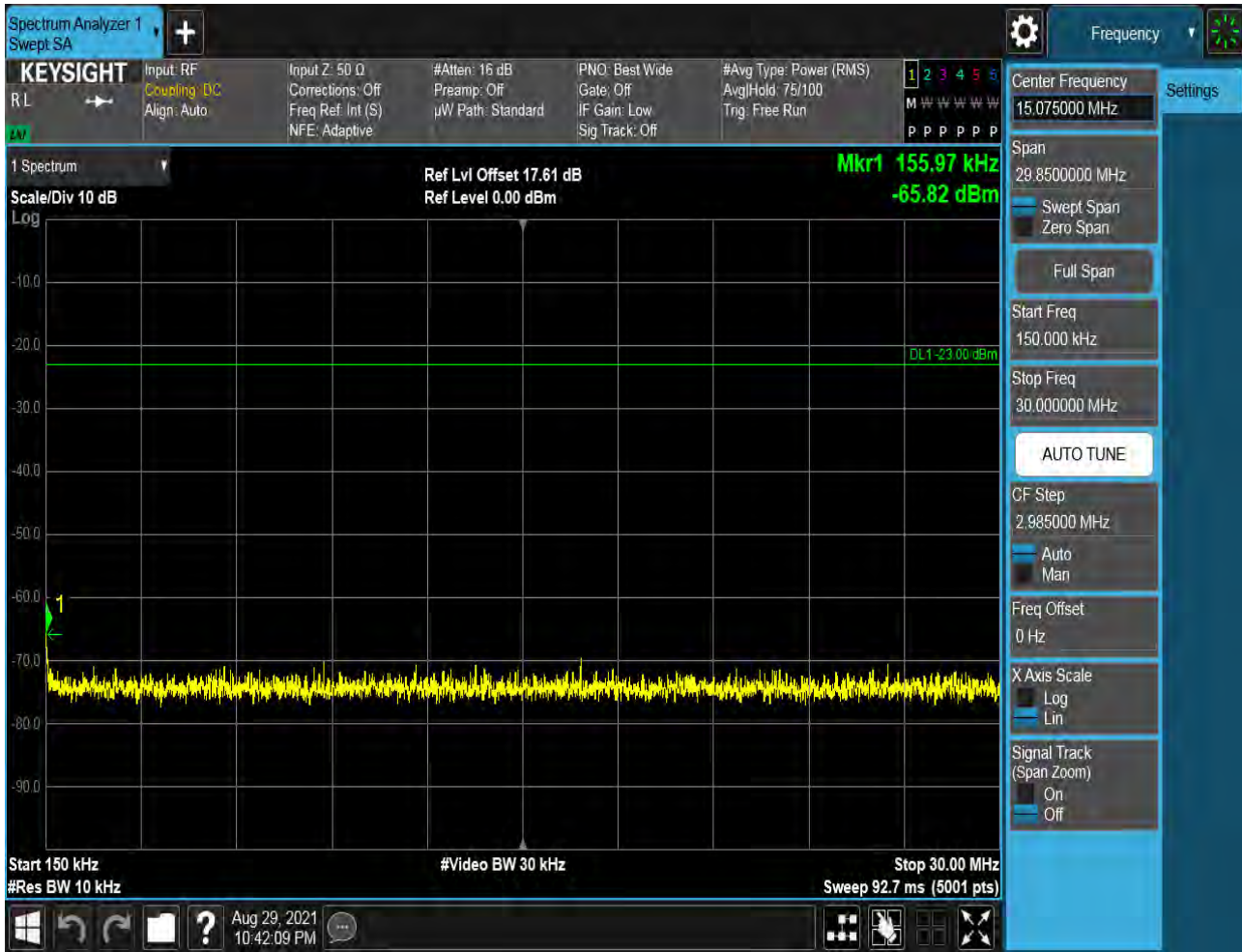




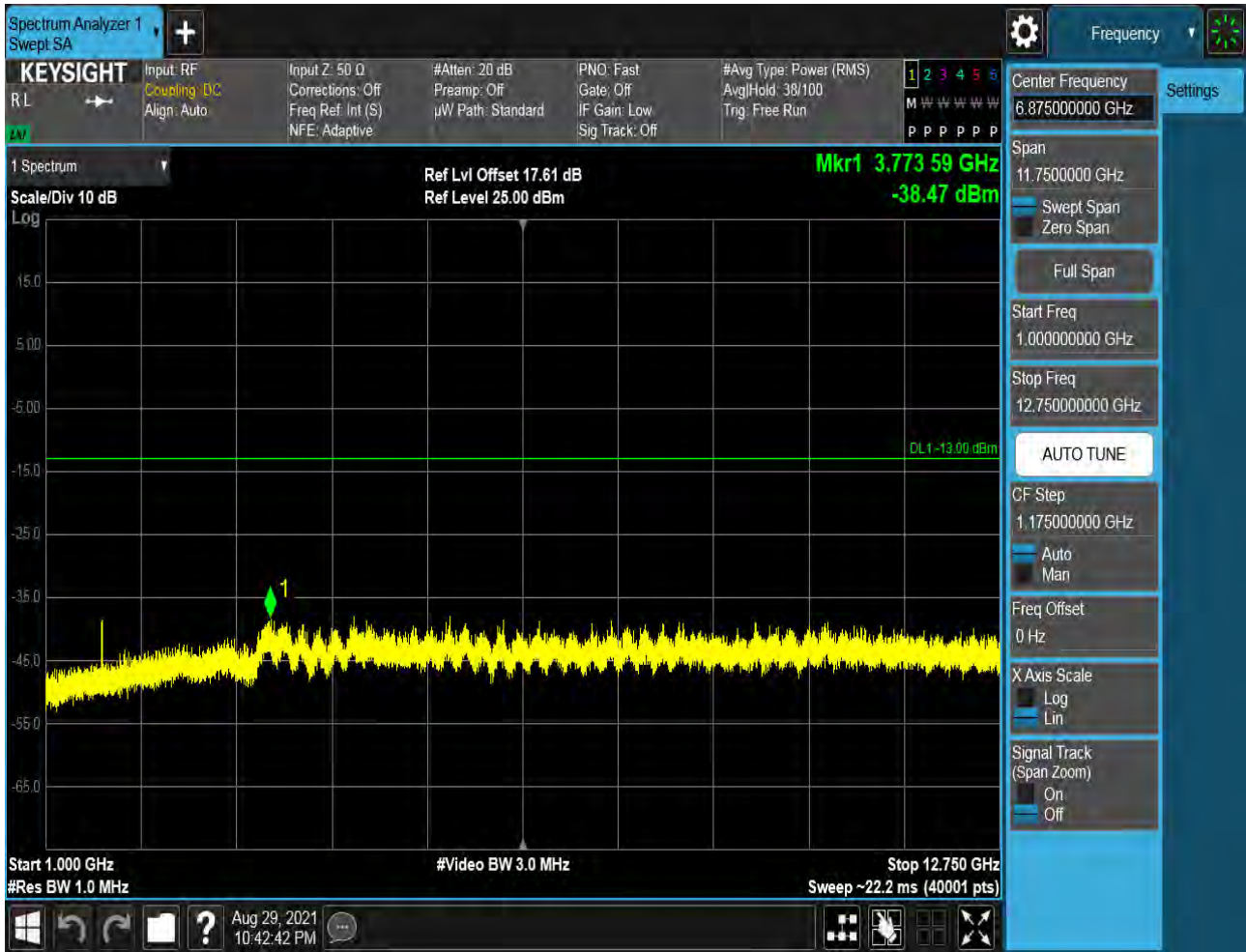
6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0





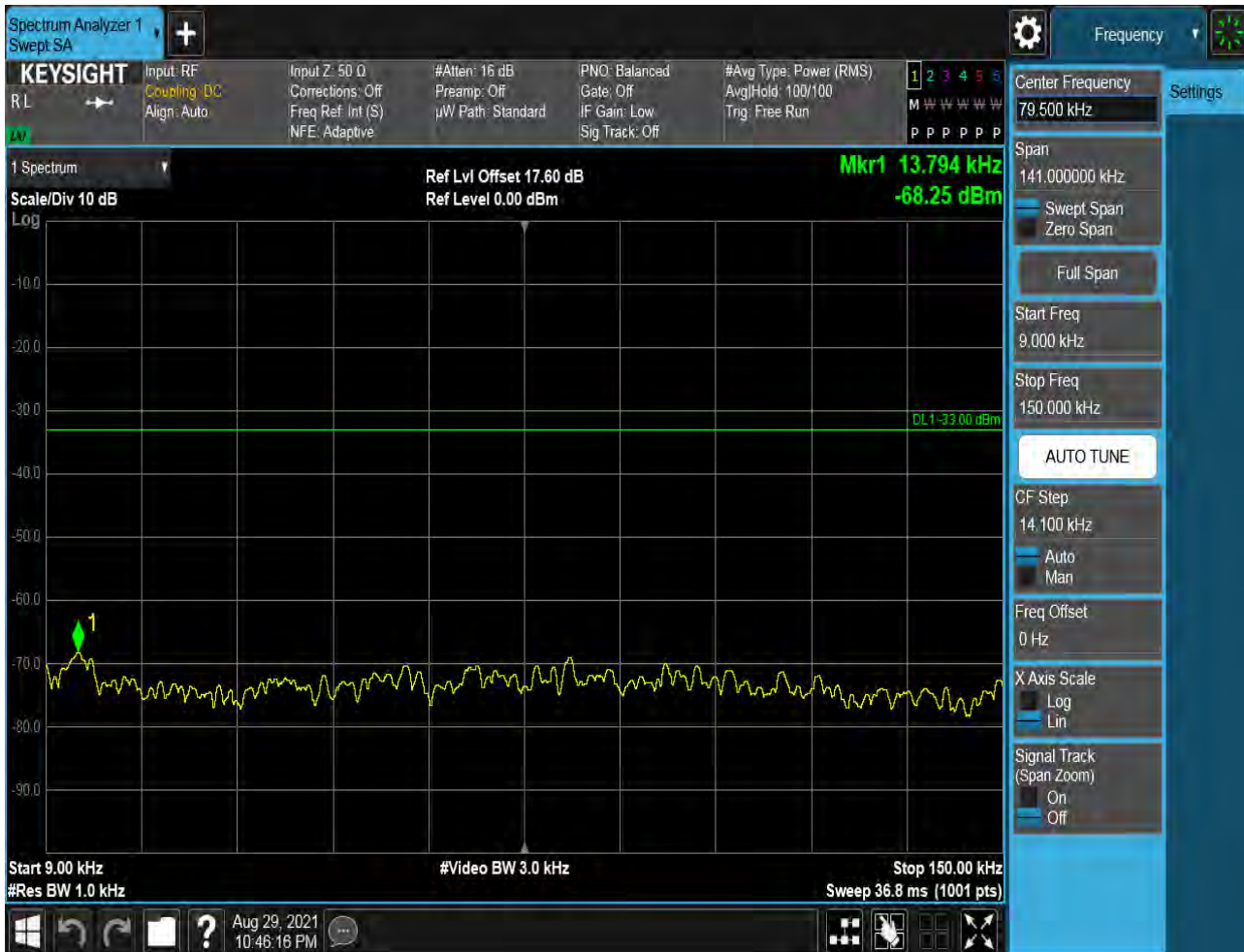


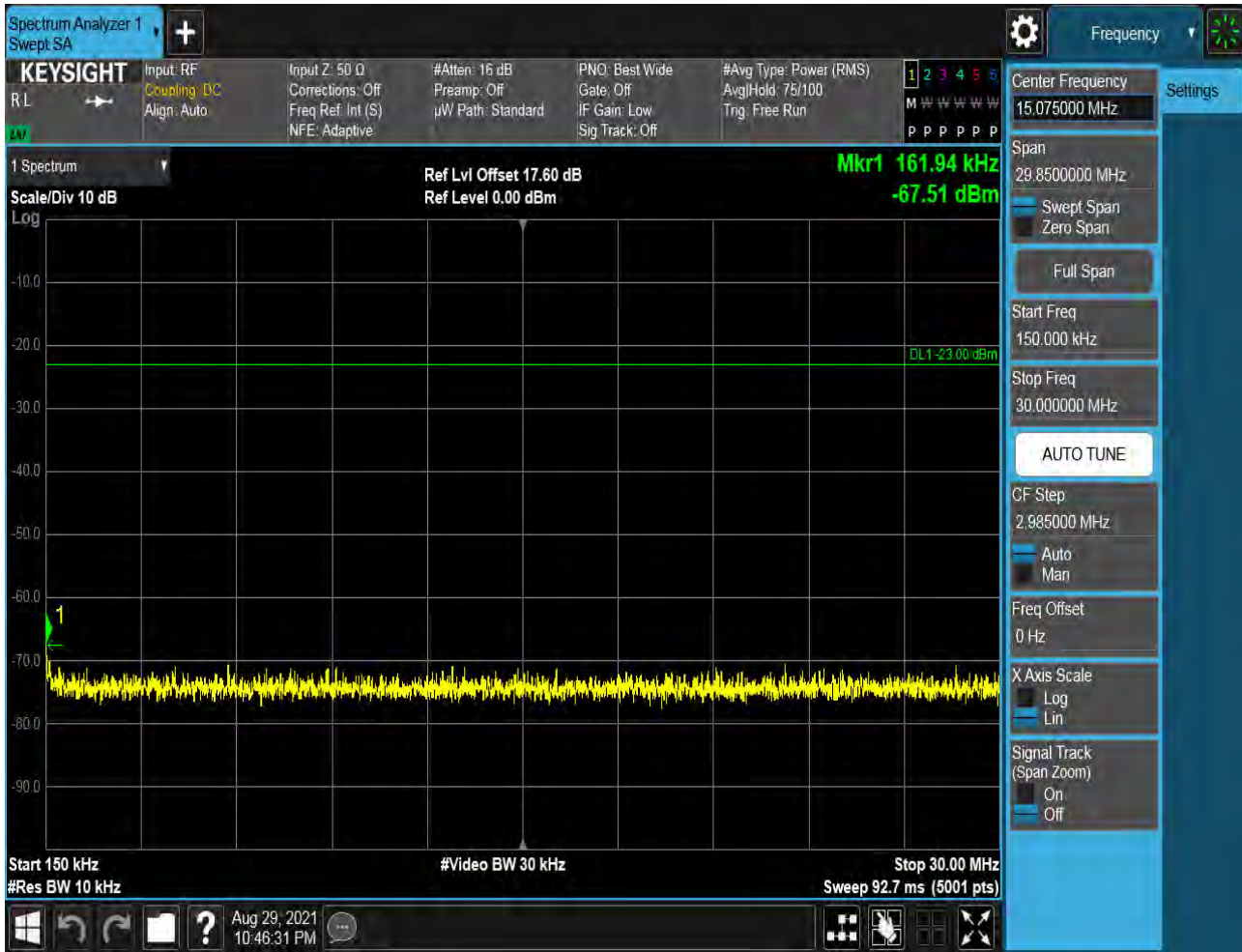


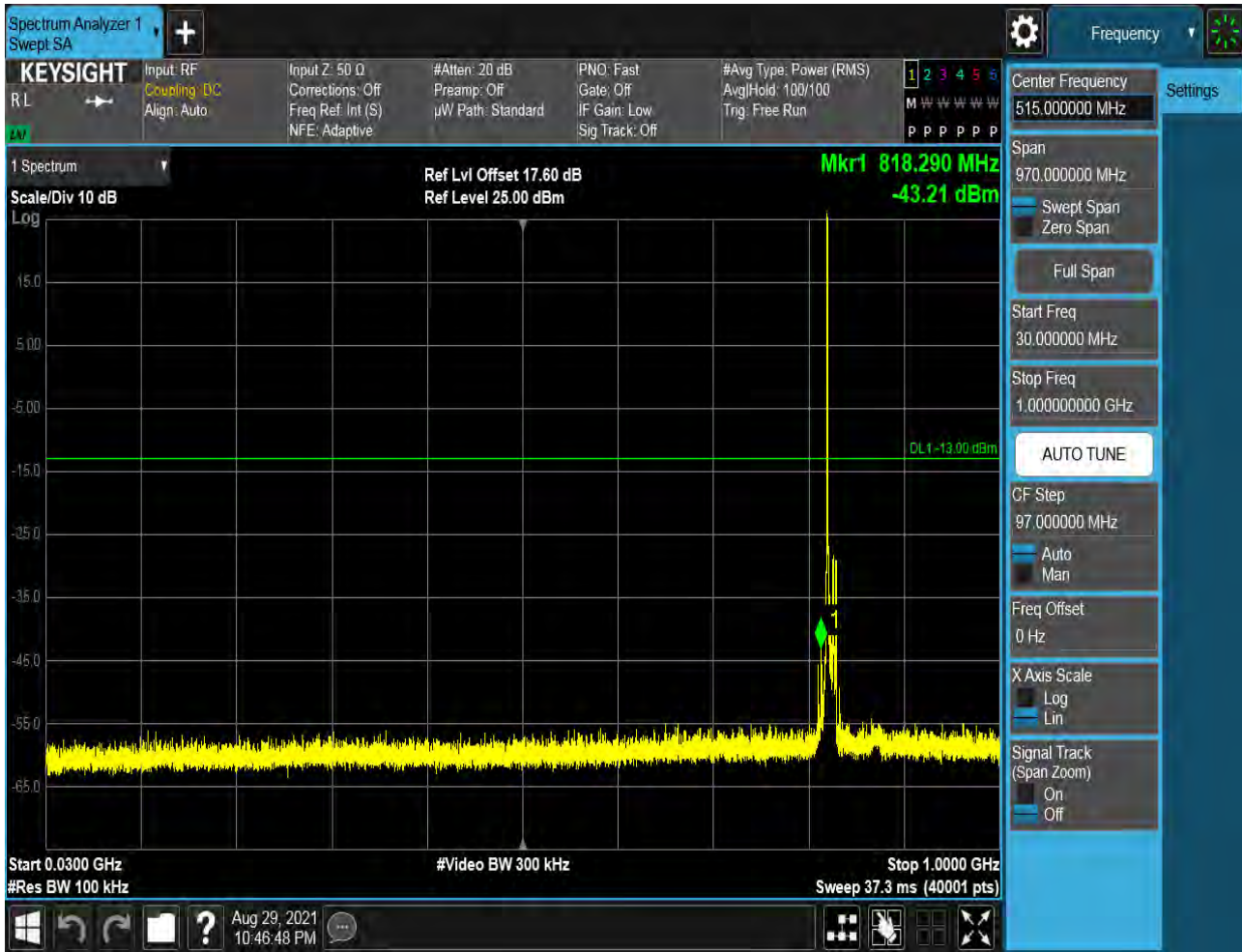
6.2.1.1.4 Test Bandwidth = 10

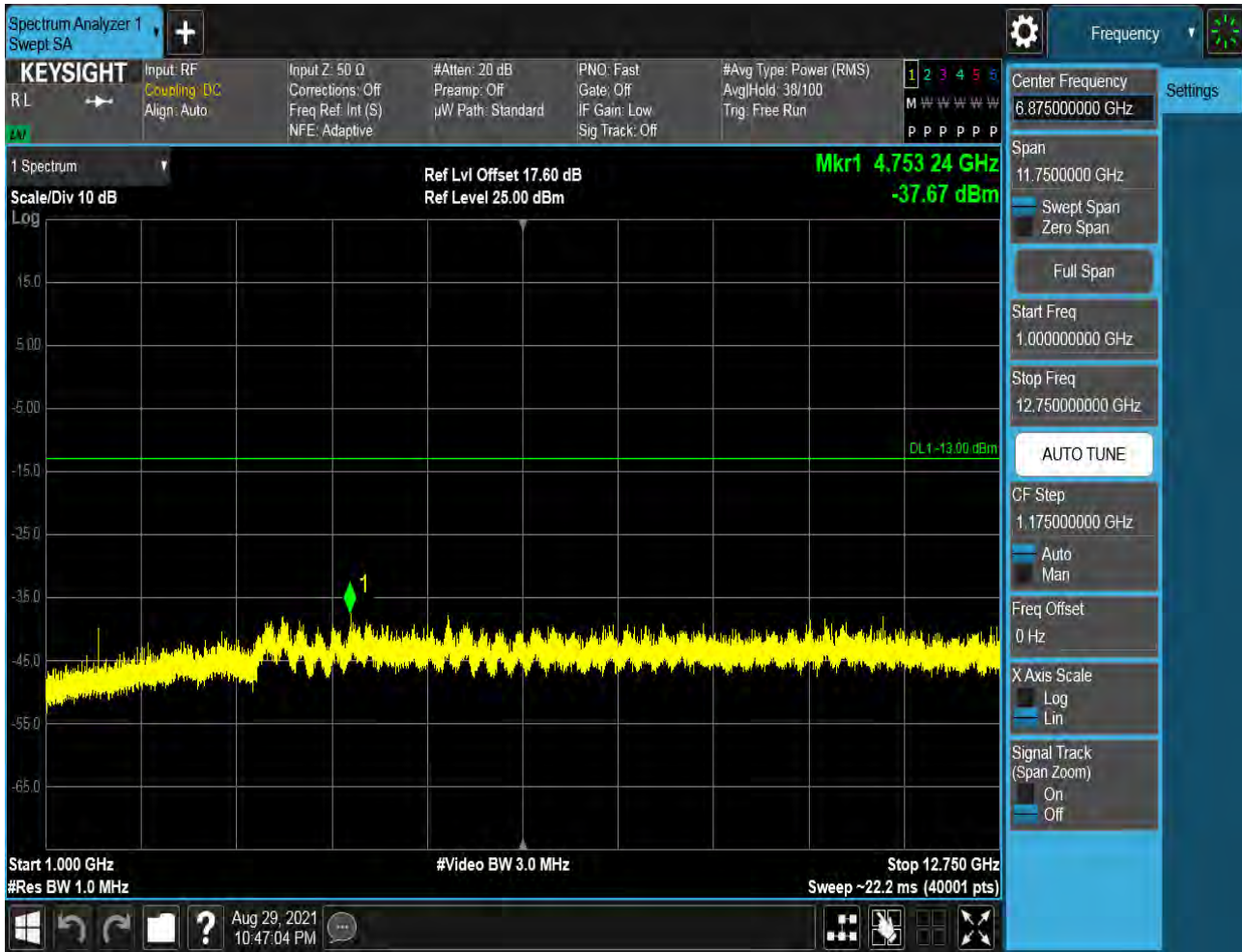
6.2.1.1.4.1 Test Channel = LCH

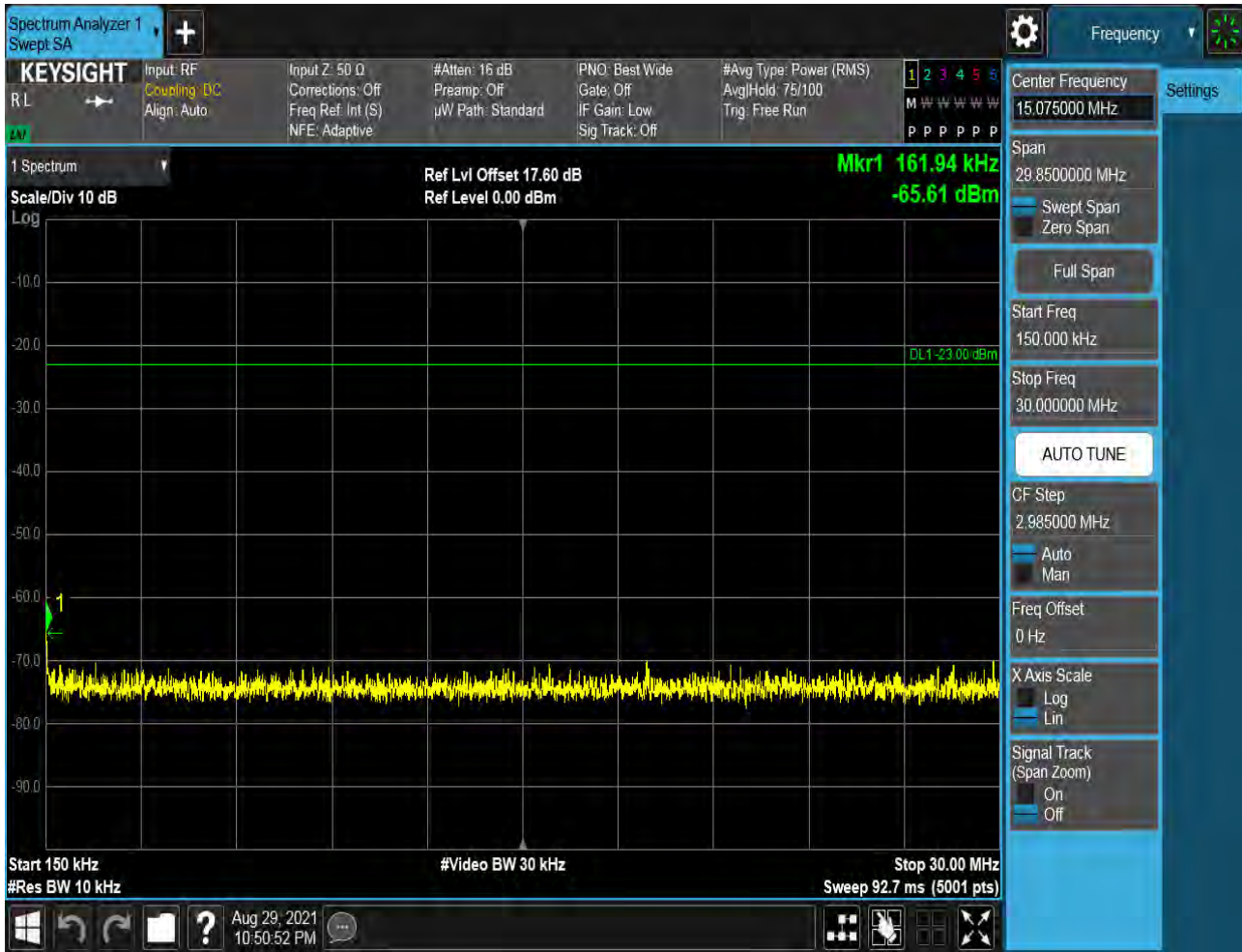
6.2.1.1.4.1.1 Test RB = RB1#0



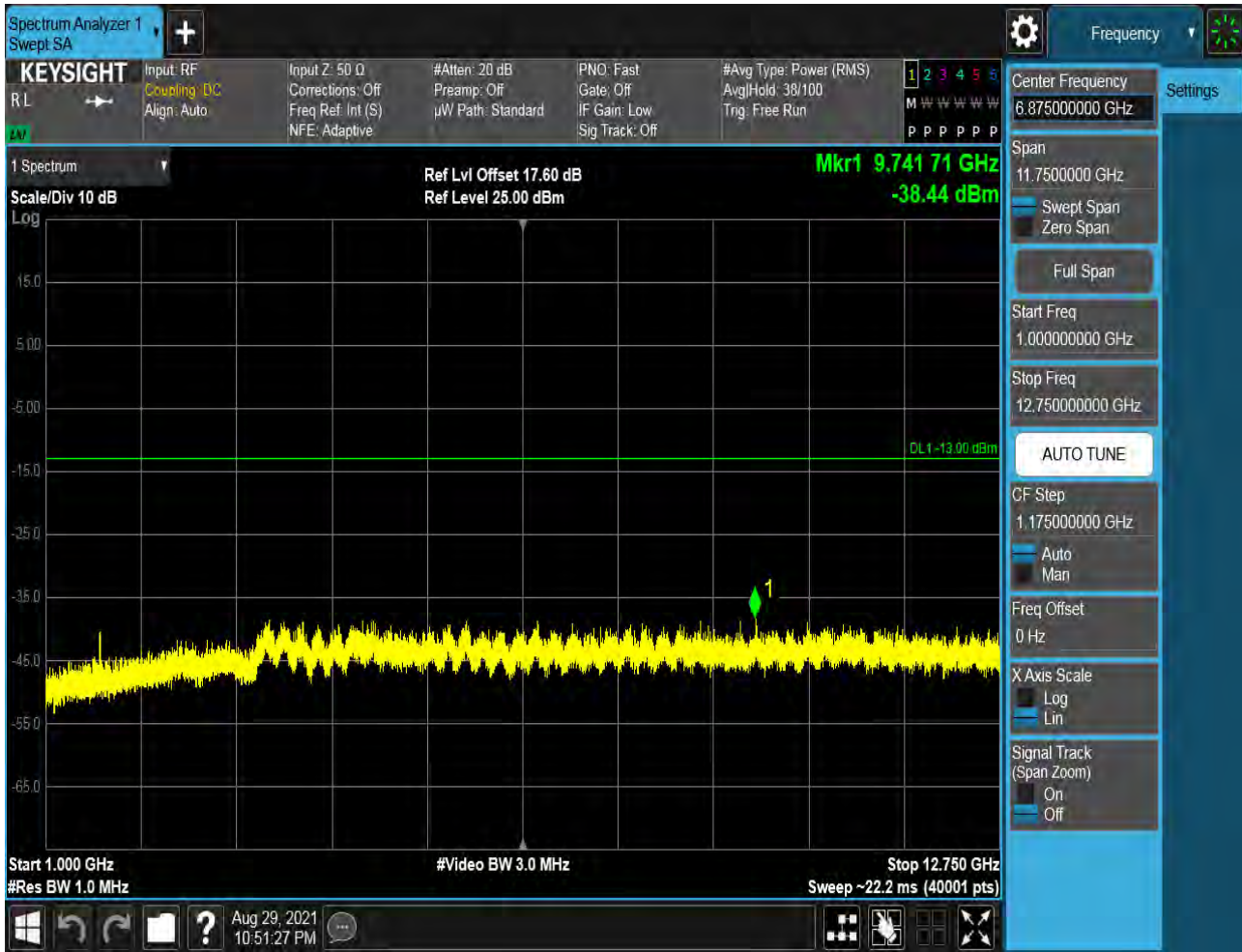






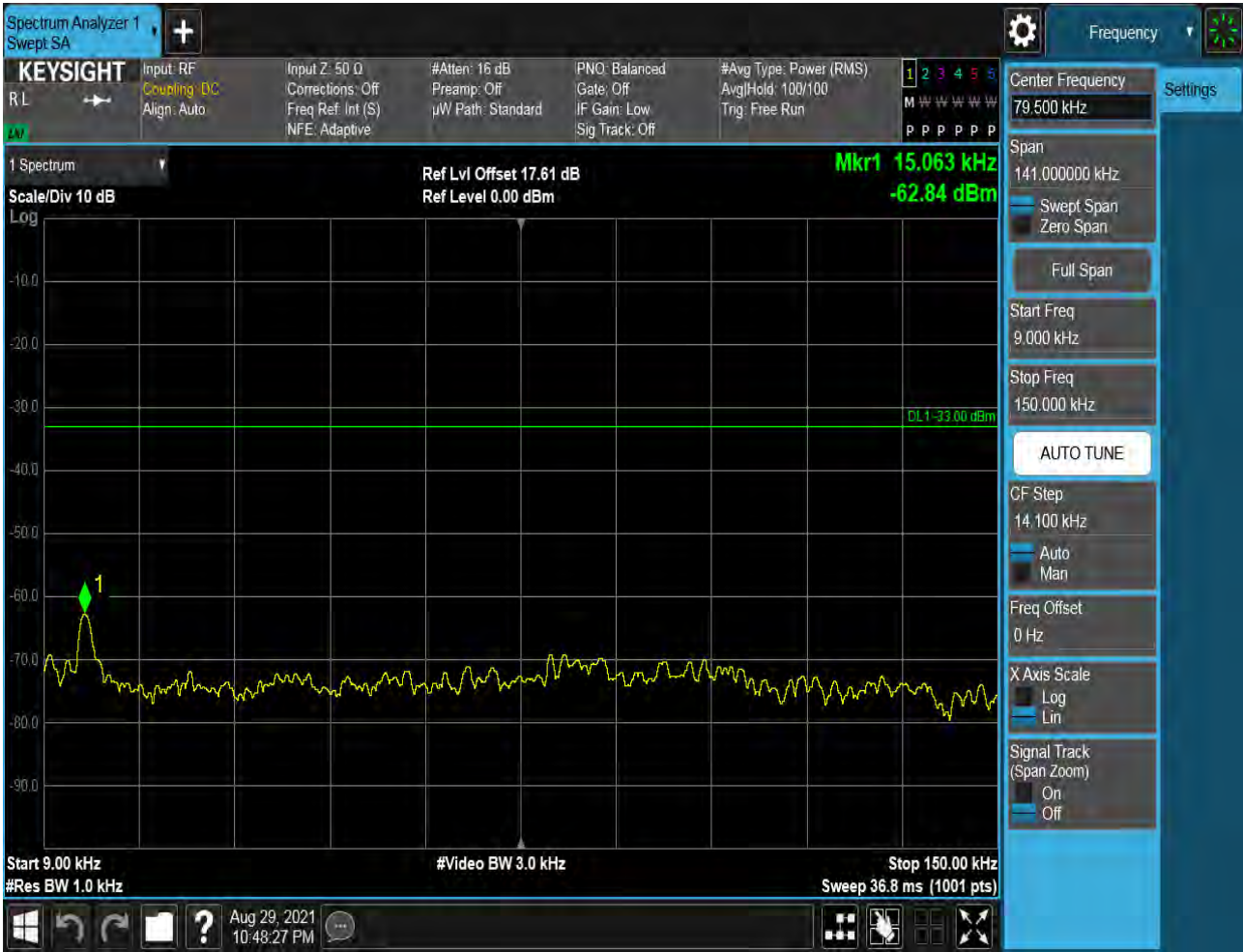


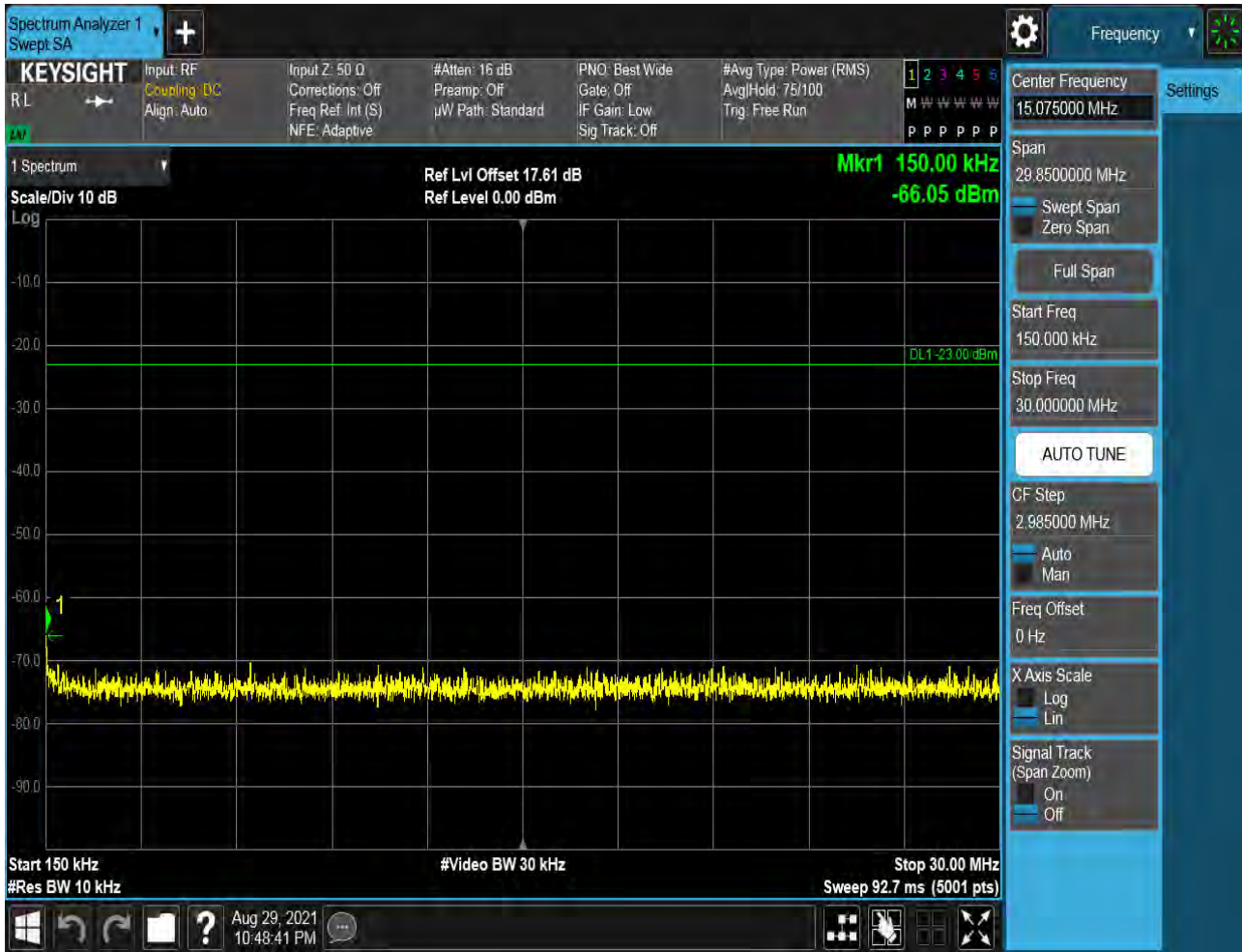


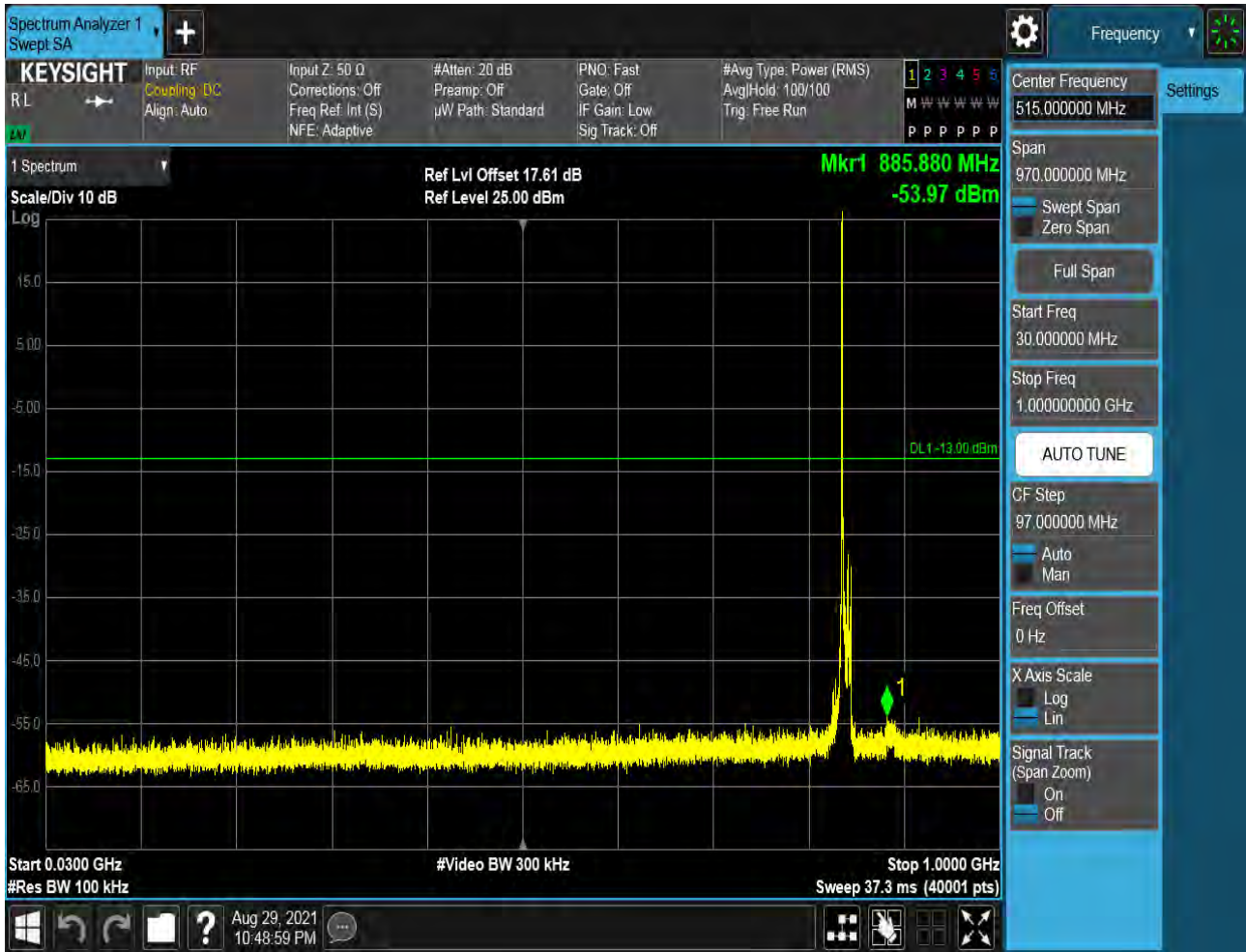


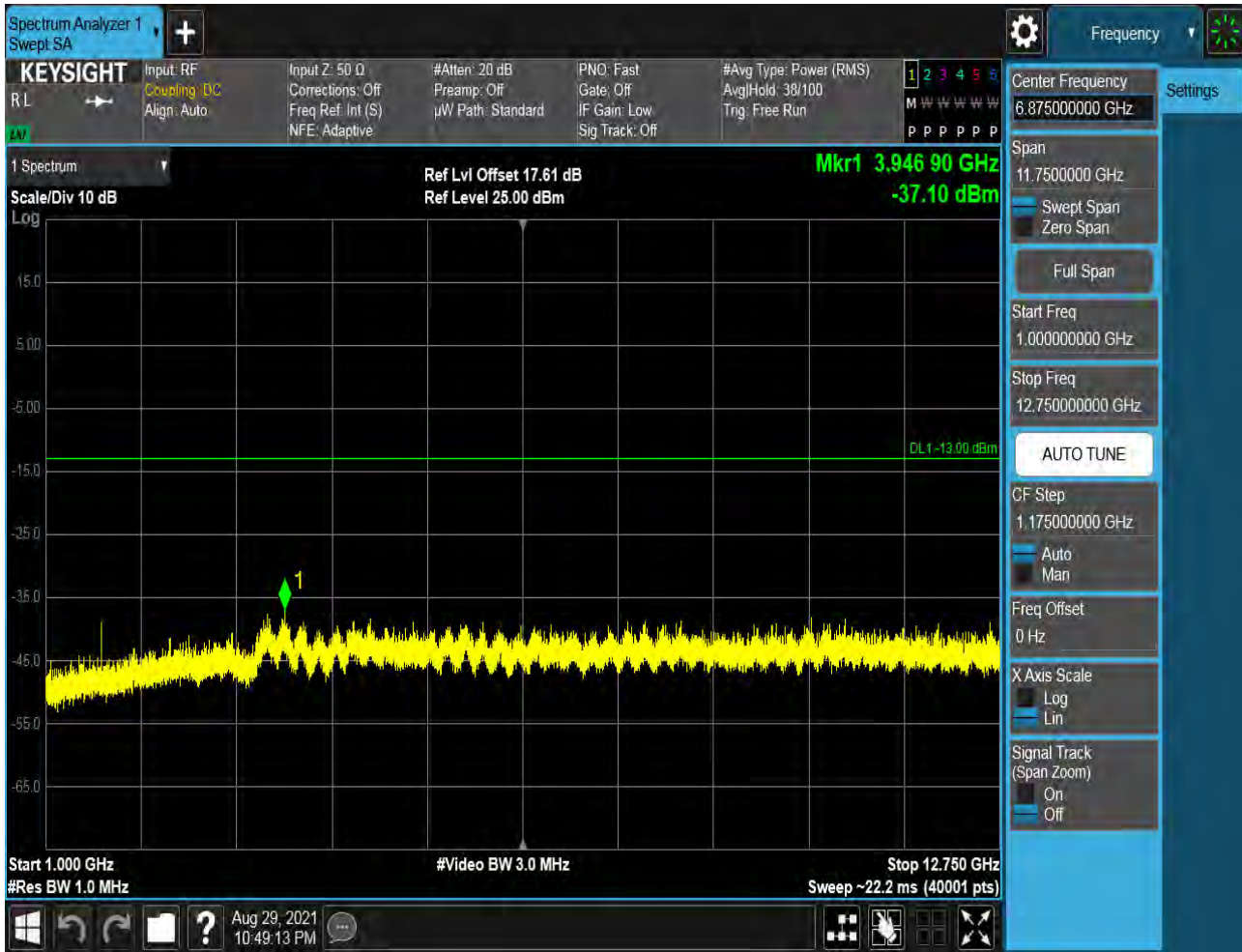
6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0







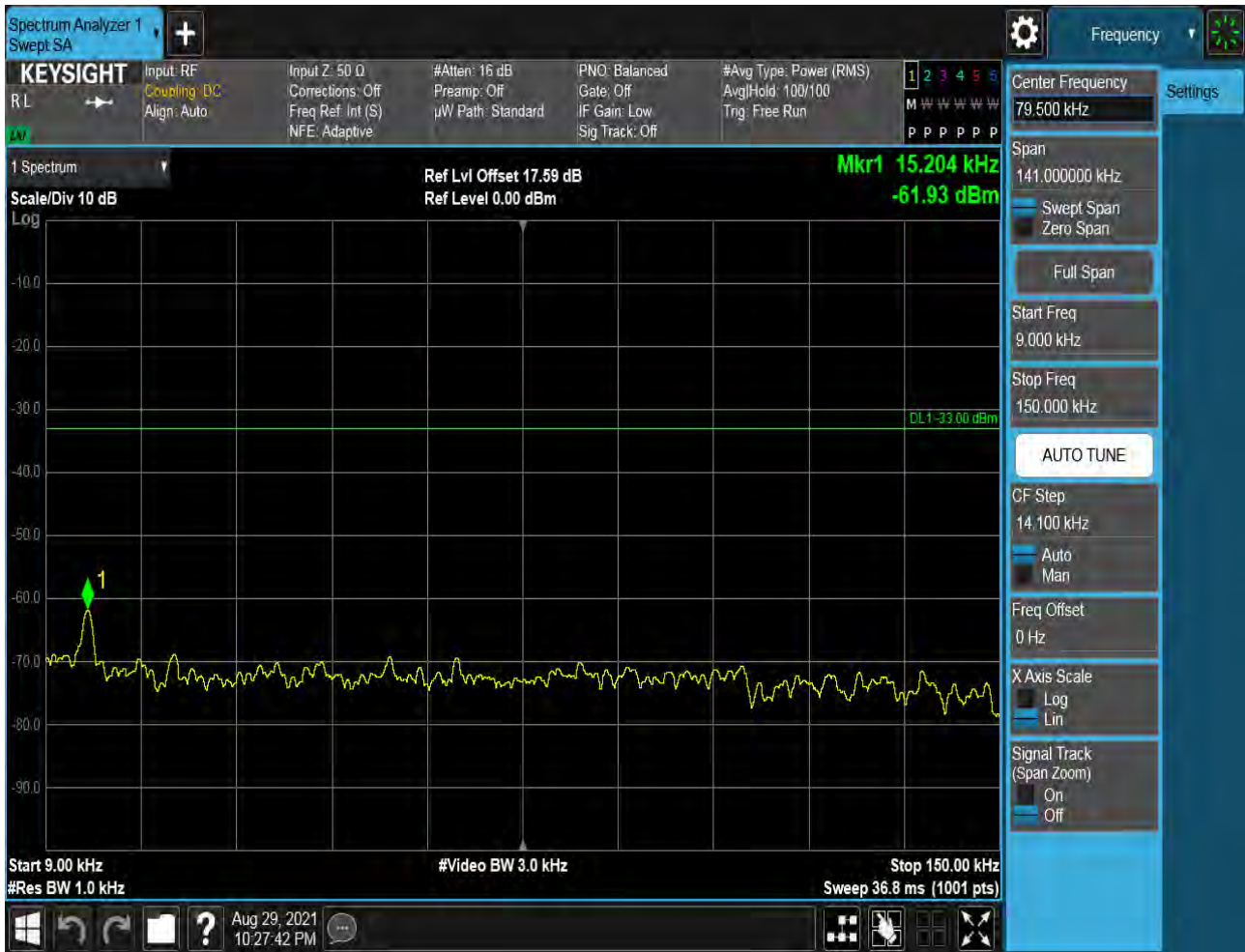


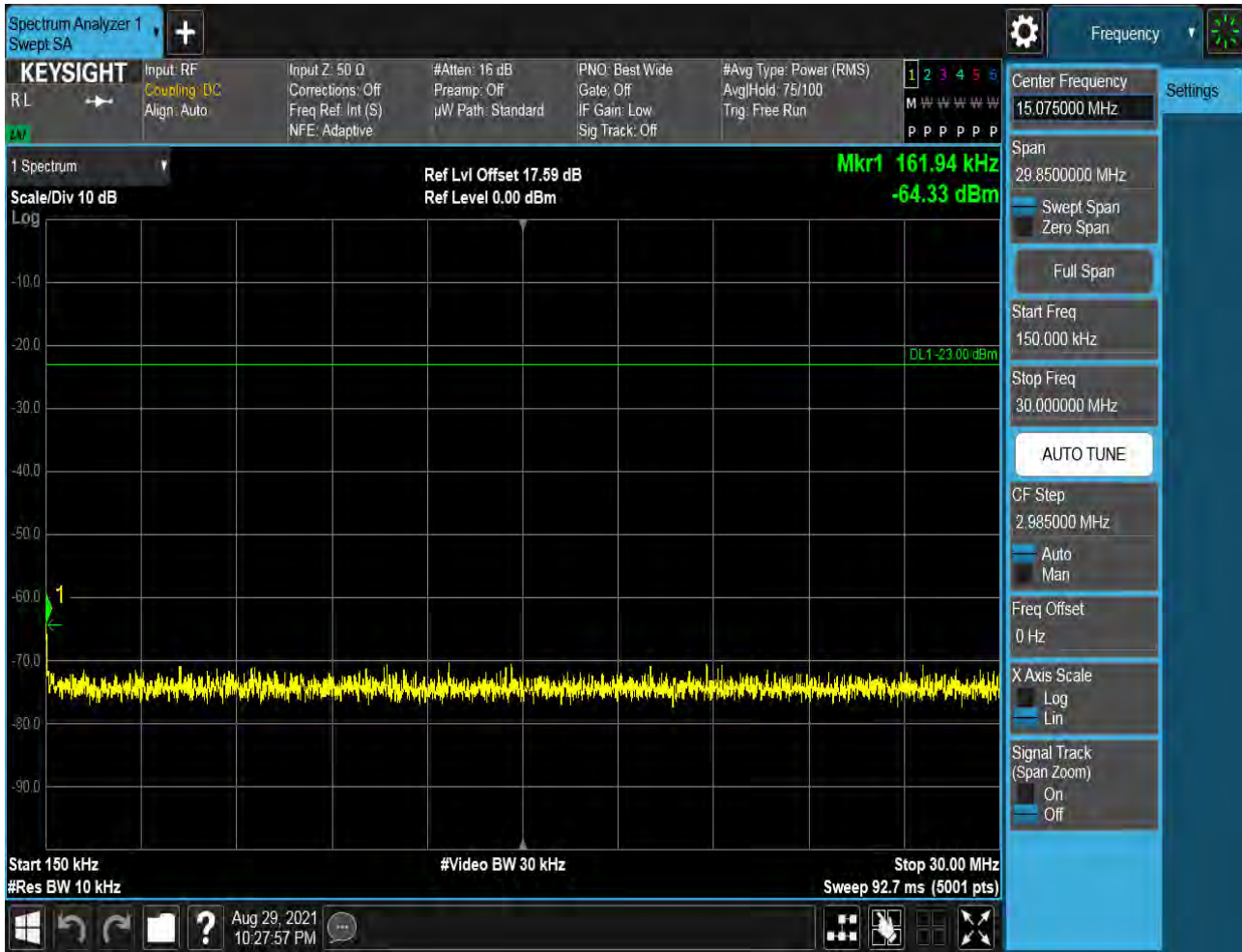
6.2.1.2 Test Mode = LTE/TM2

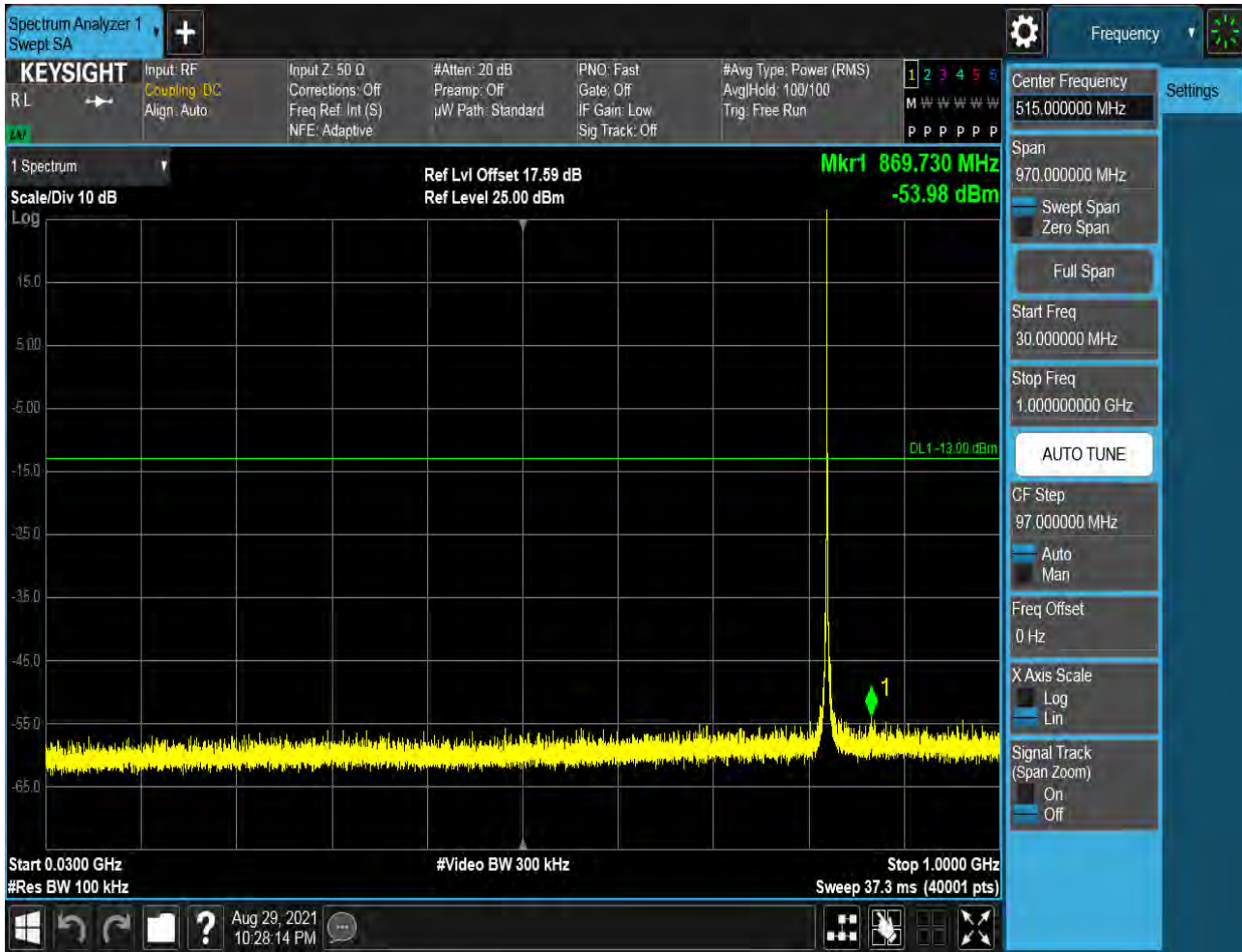
6.2.1.2.1 Test Bandwidth = 1.4

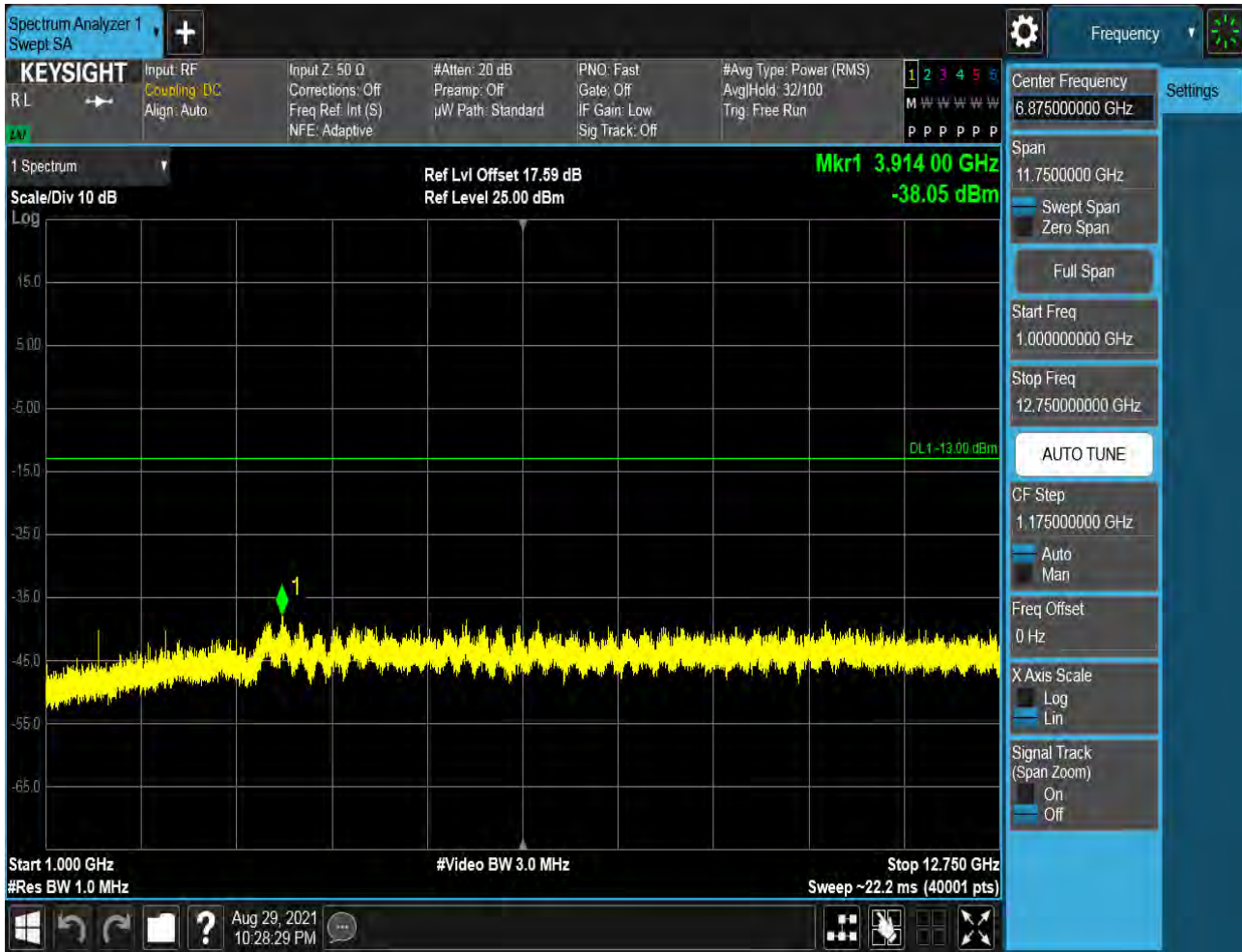
6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0



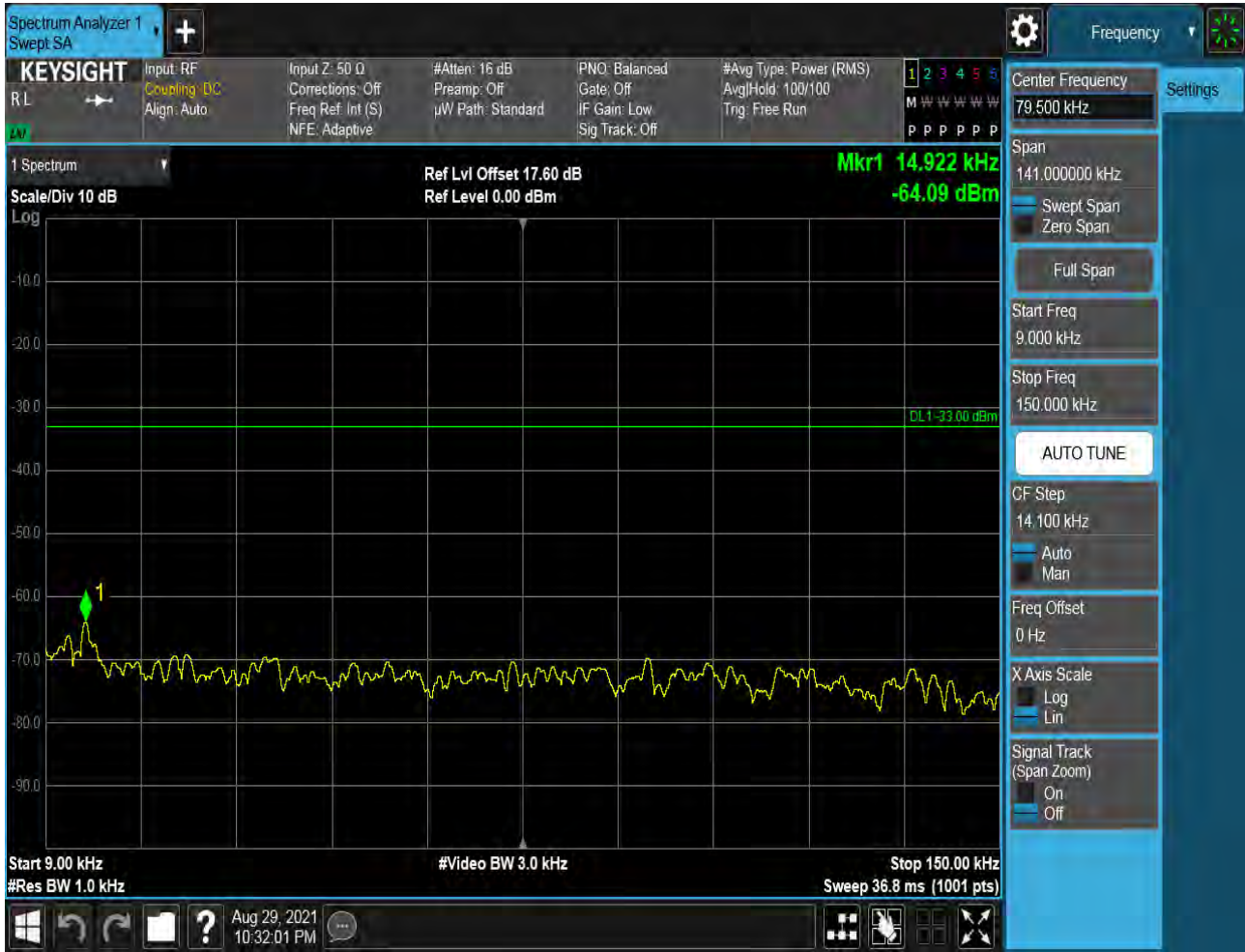


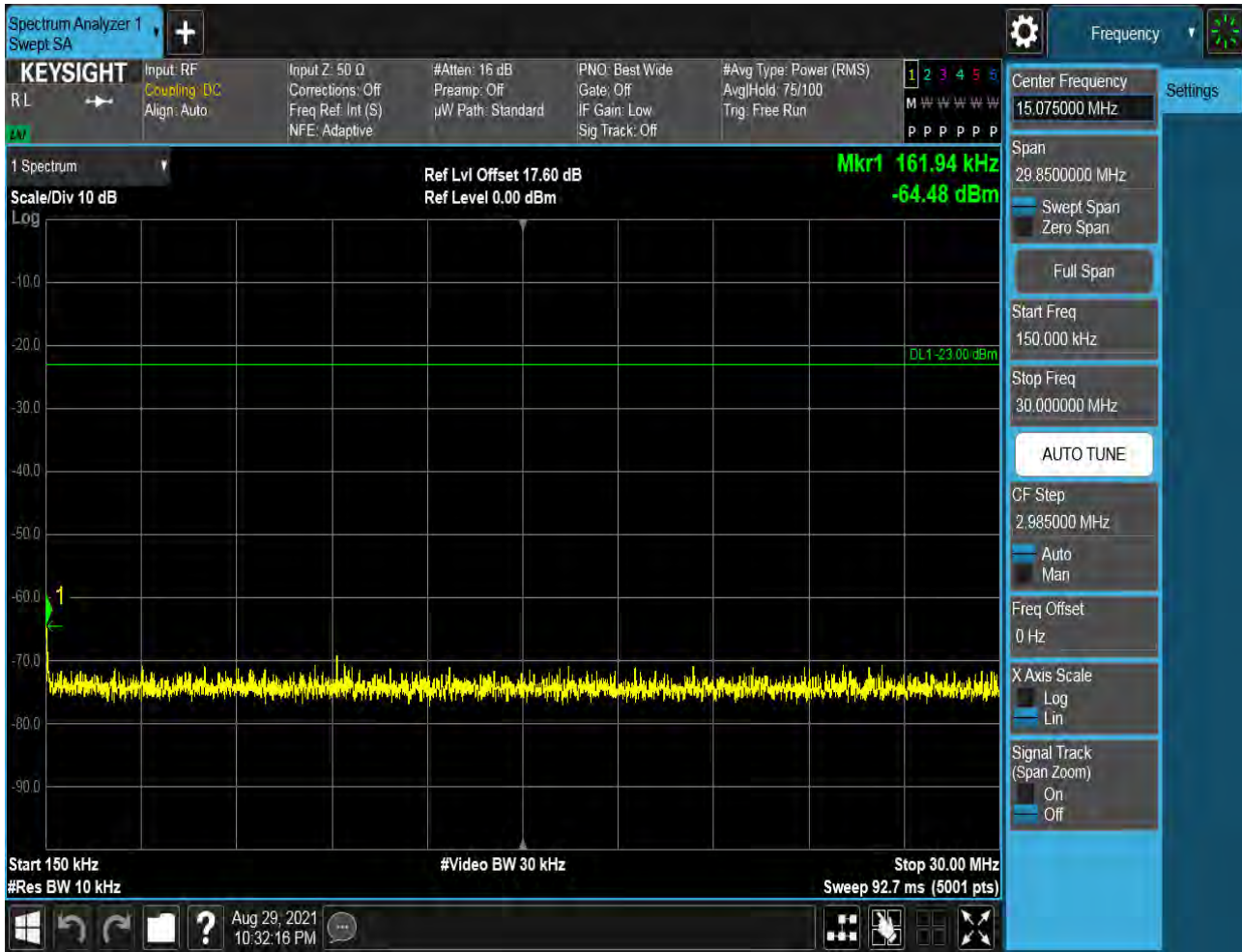




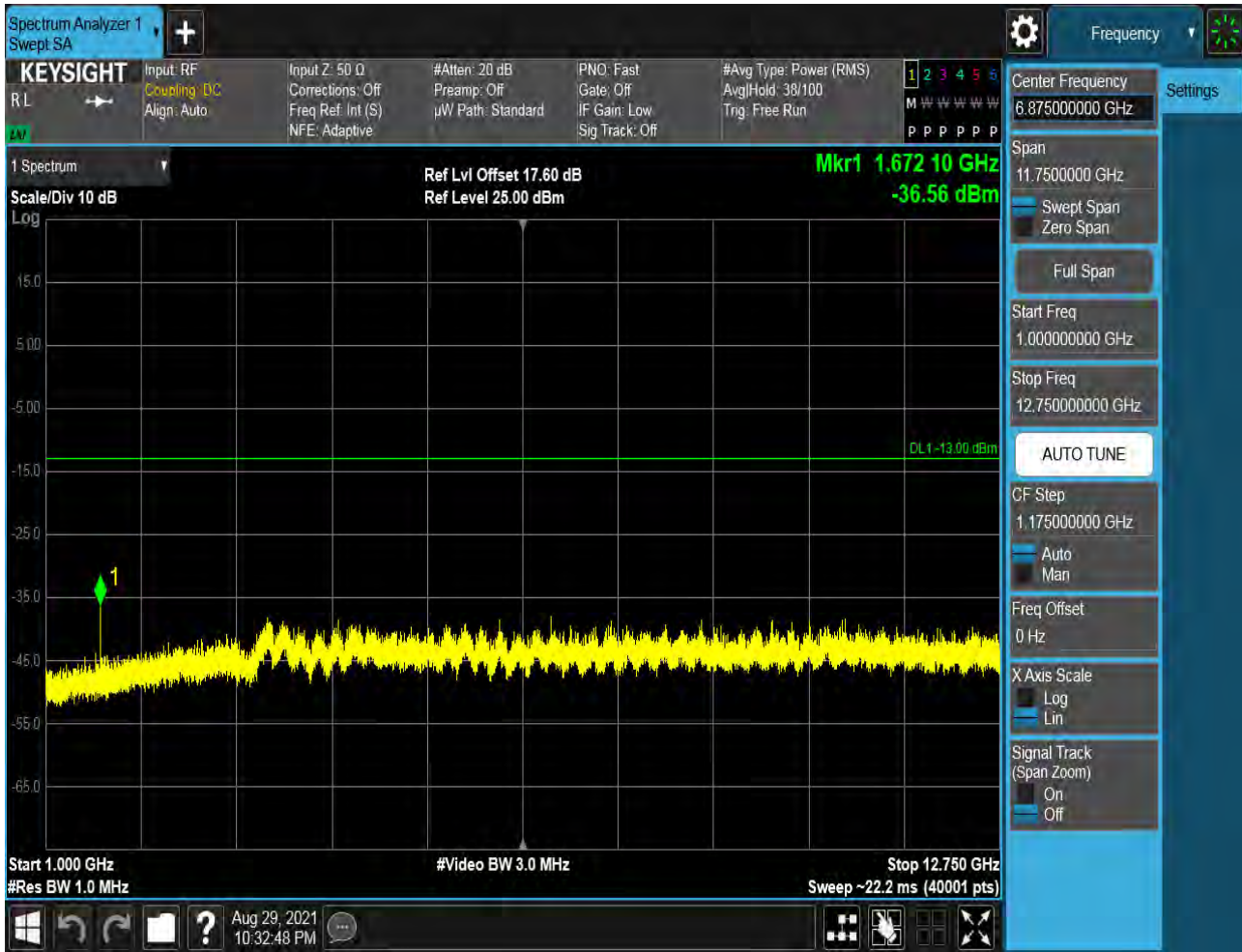
6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0



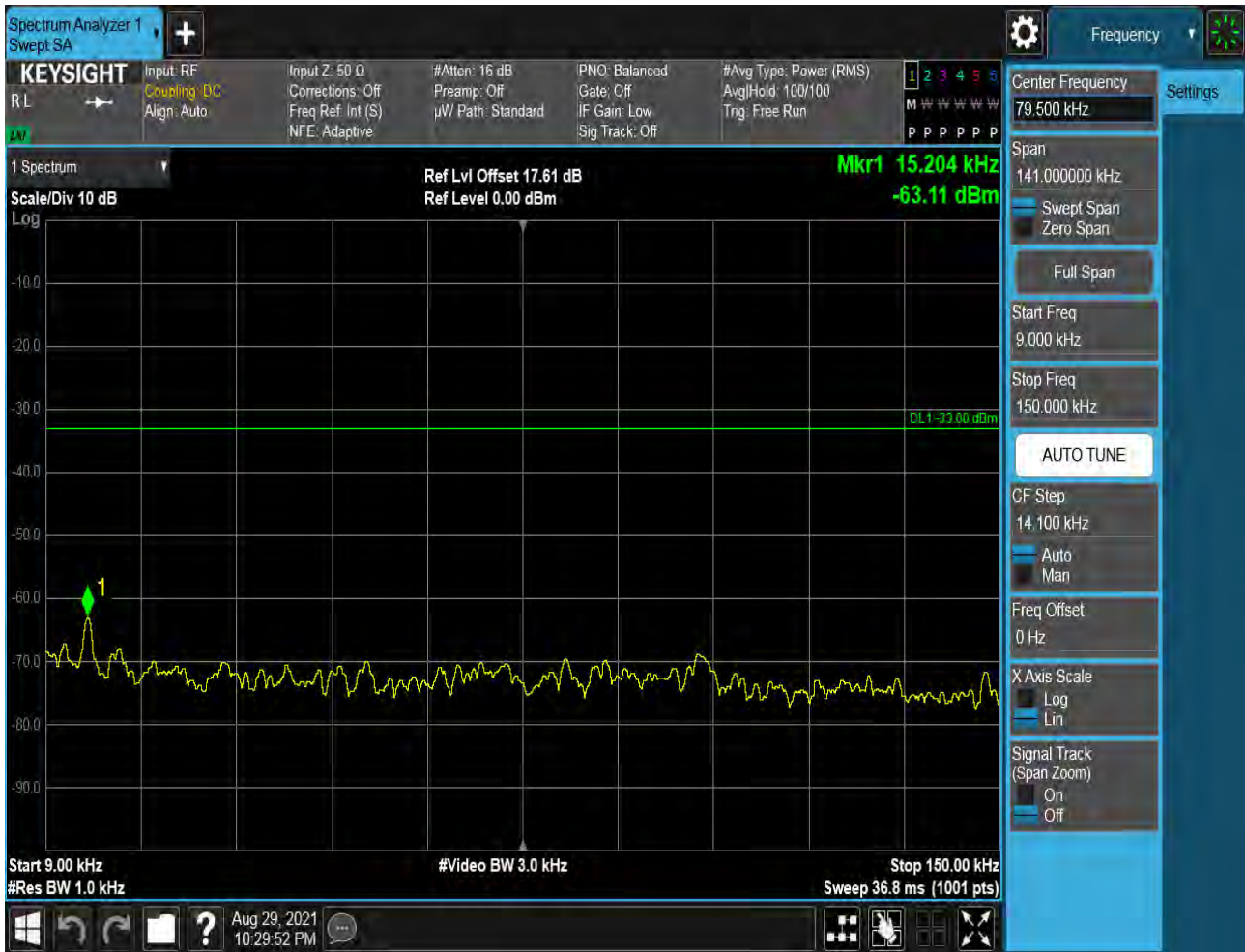


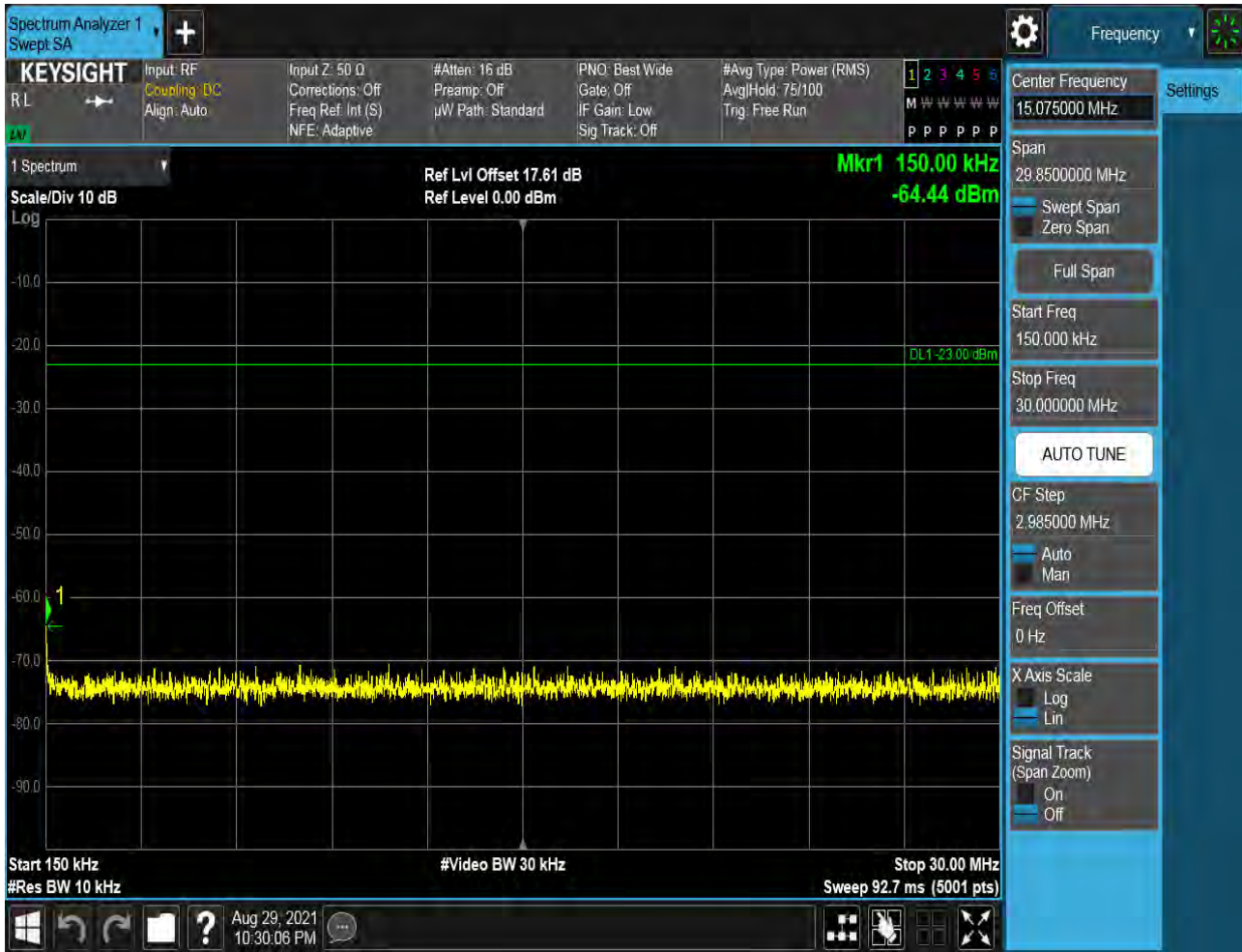


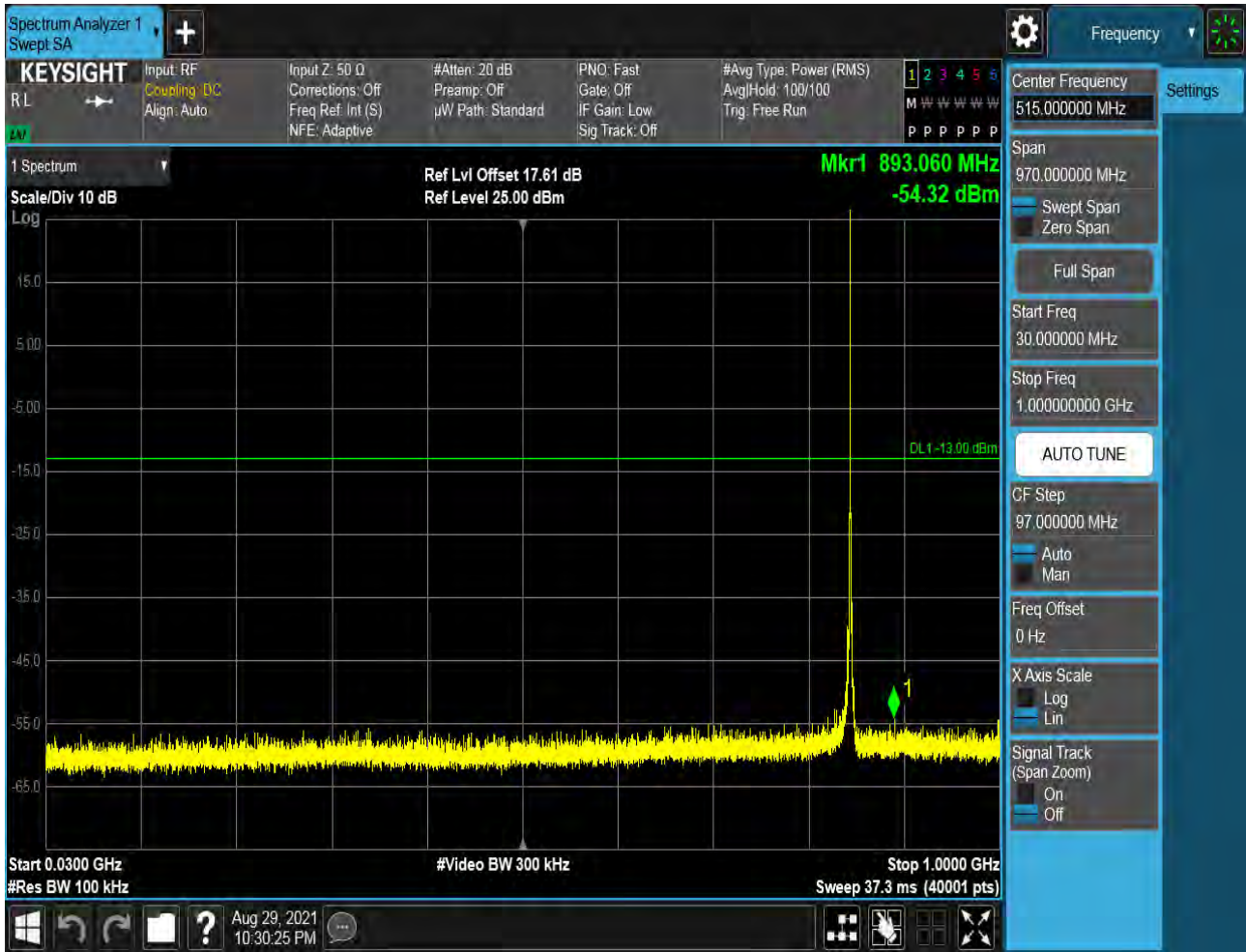


6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0







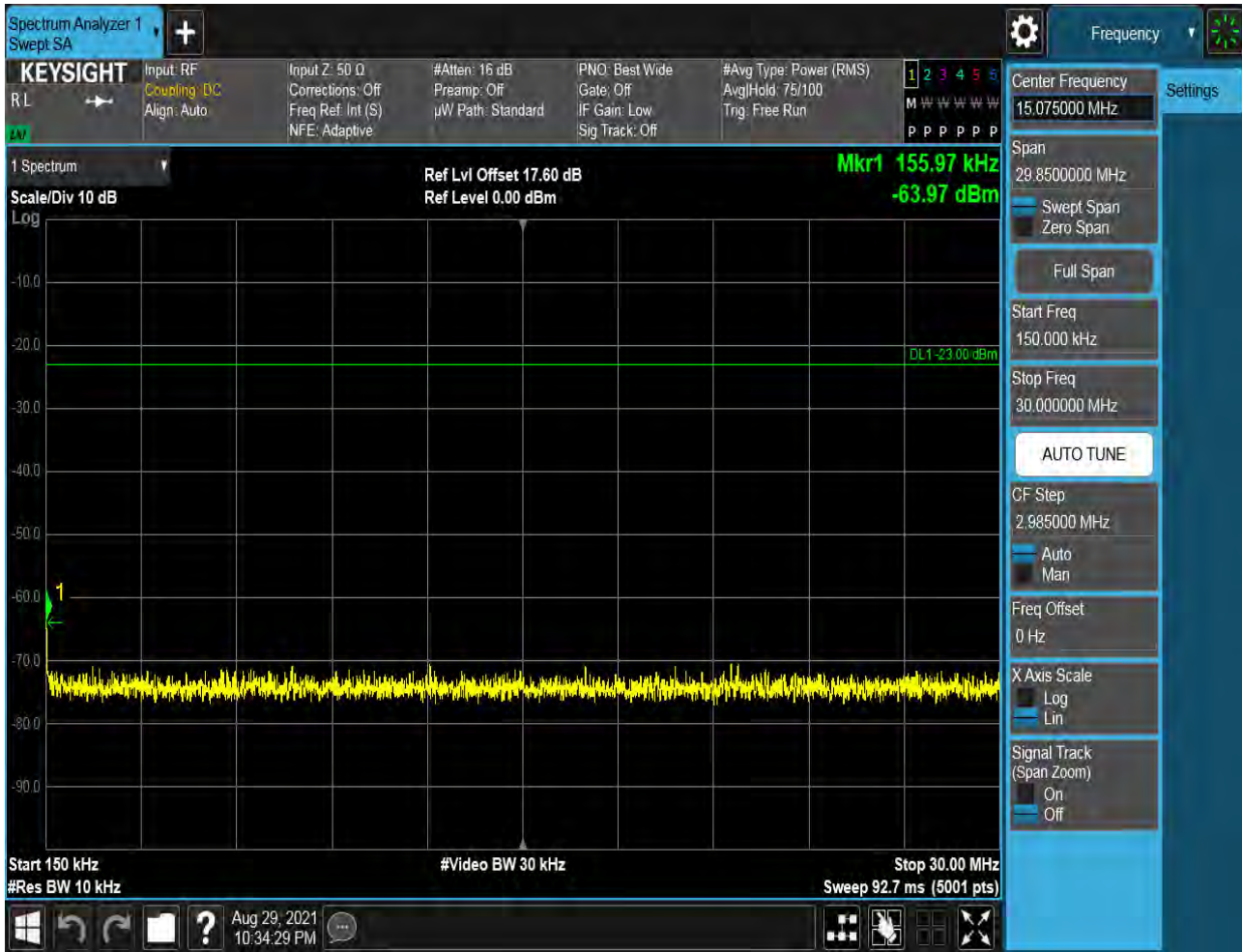


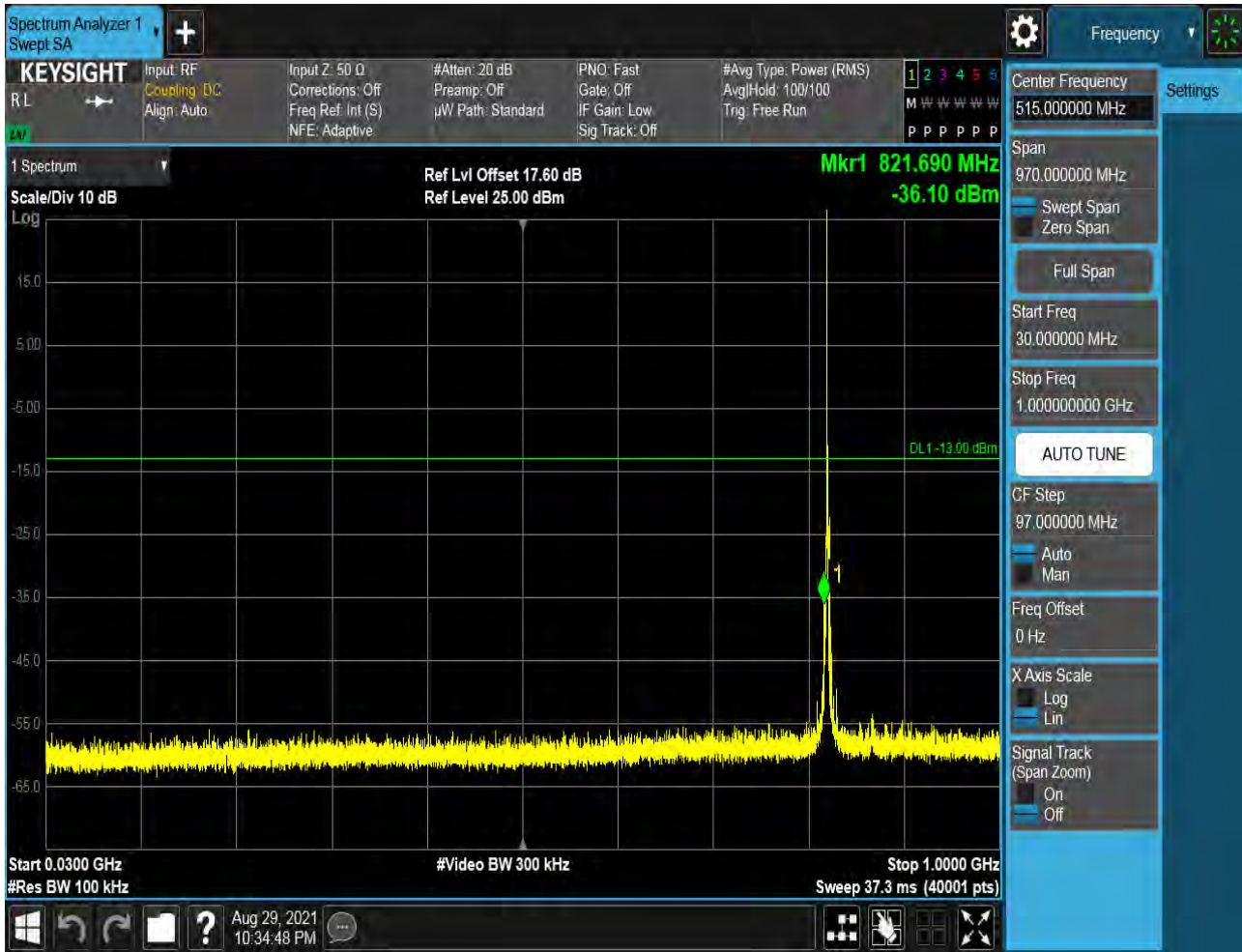
6.2.1.2.2 Test Bandwidth = 3

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0



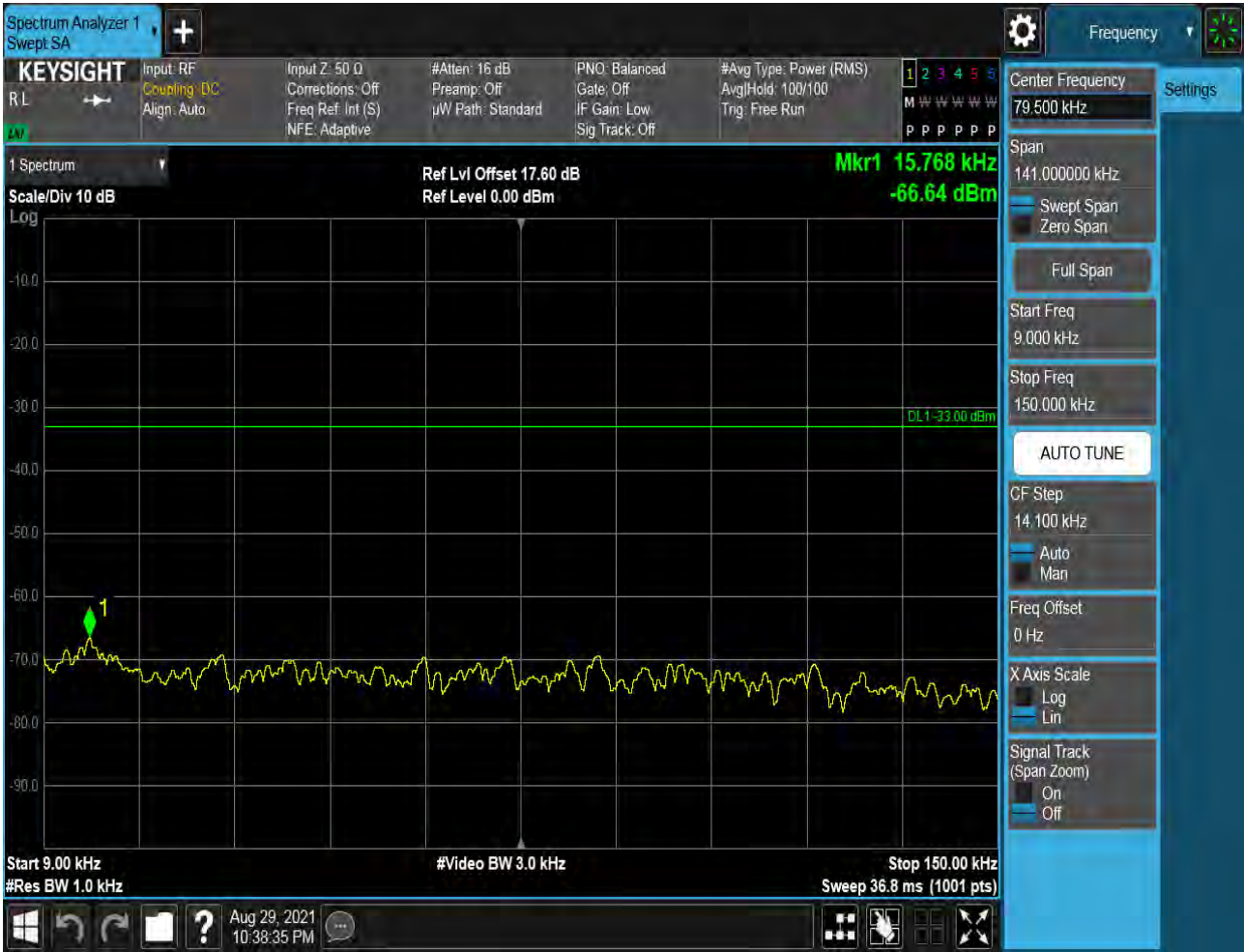


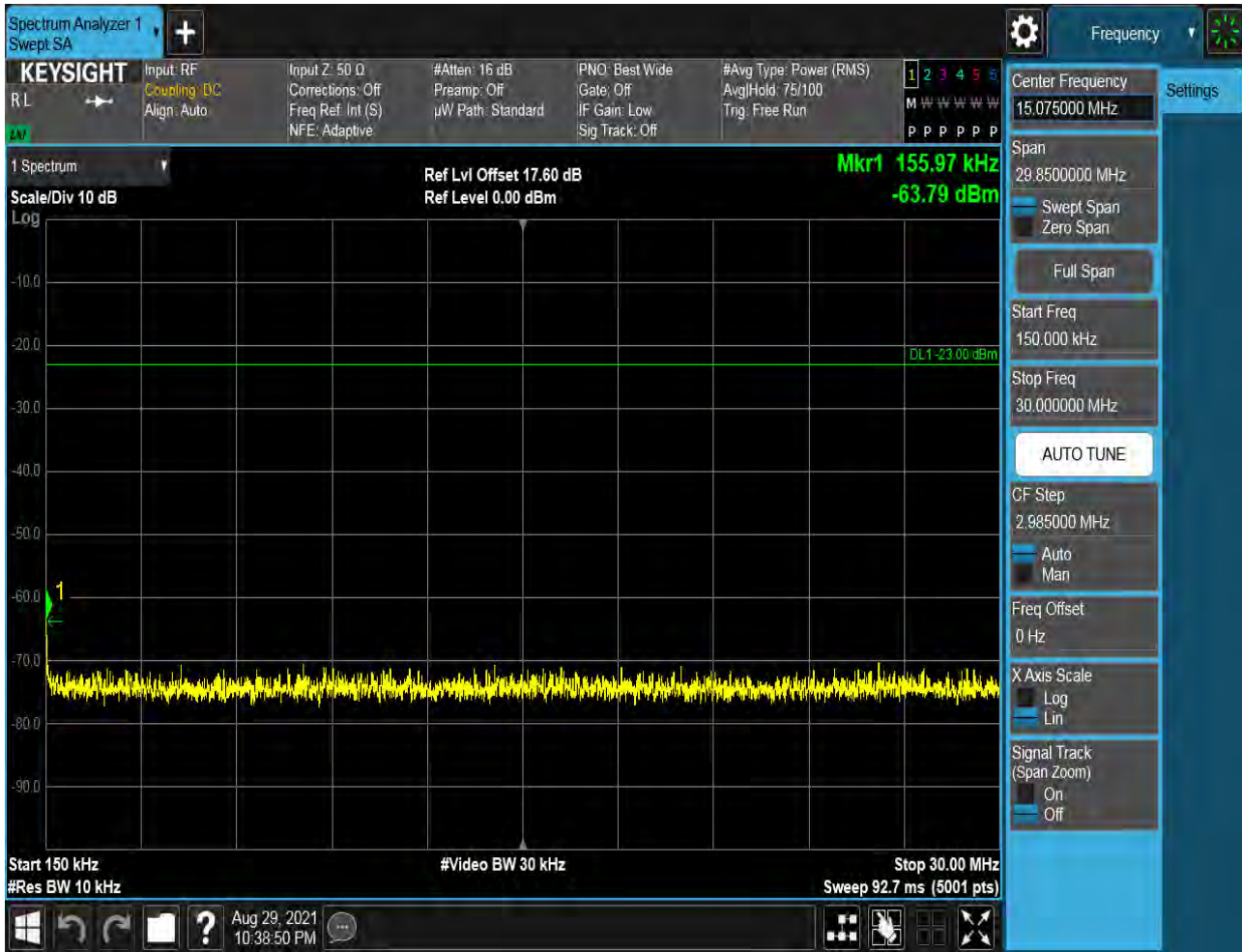


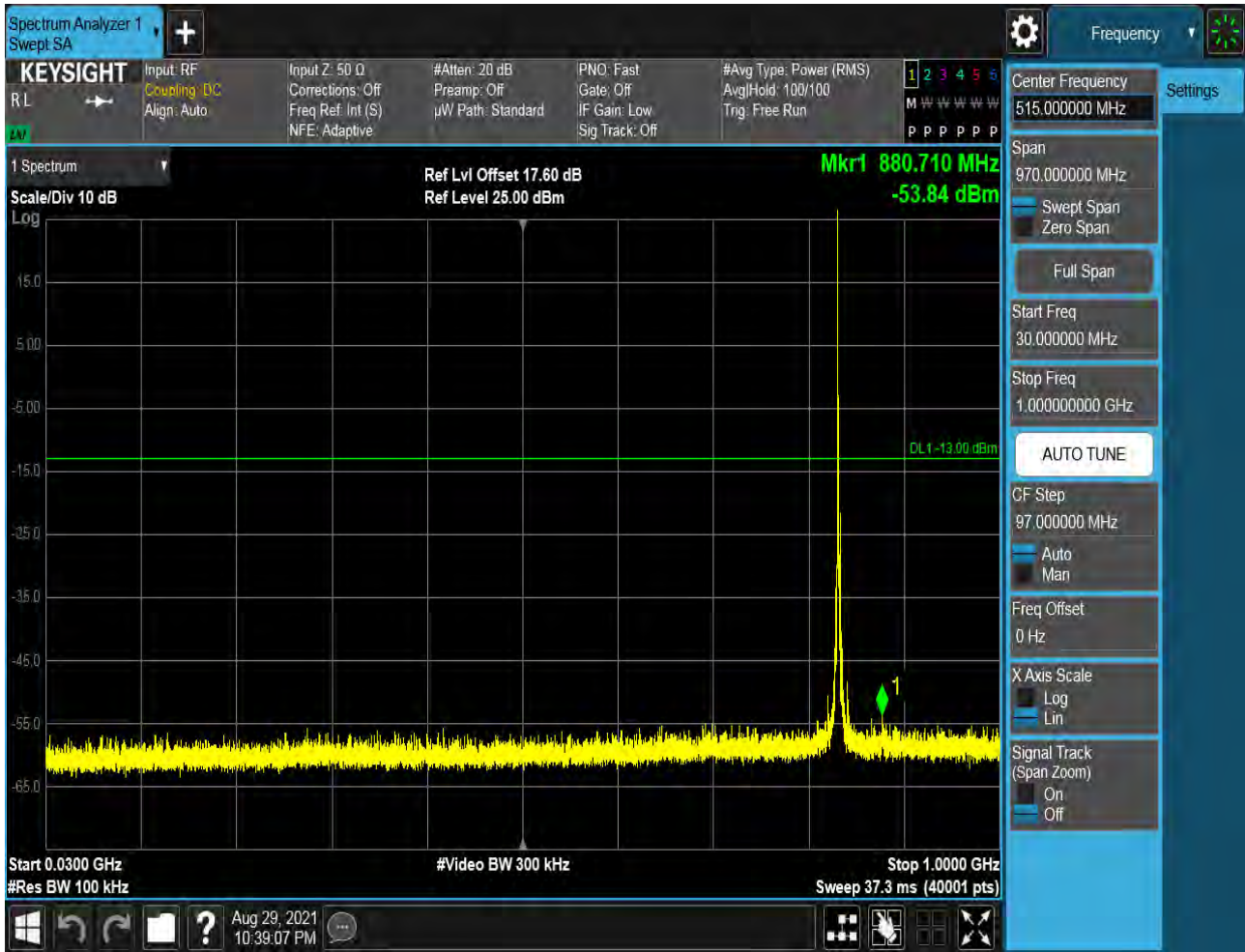


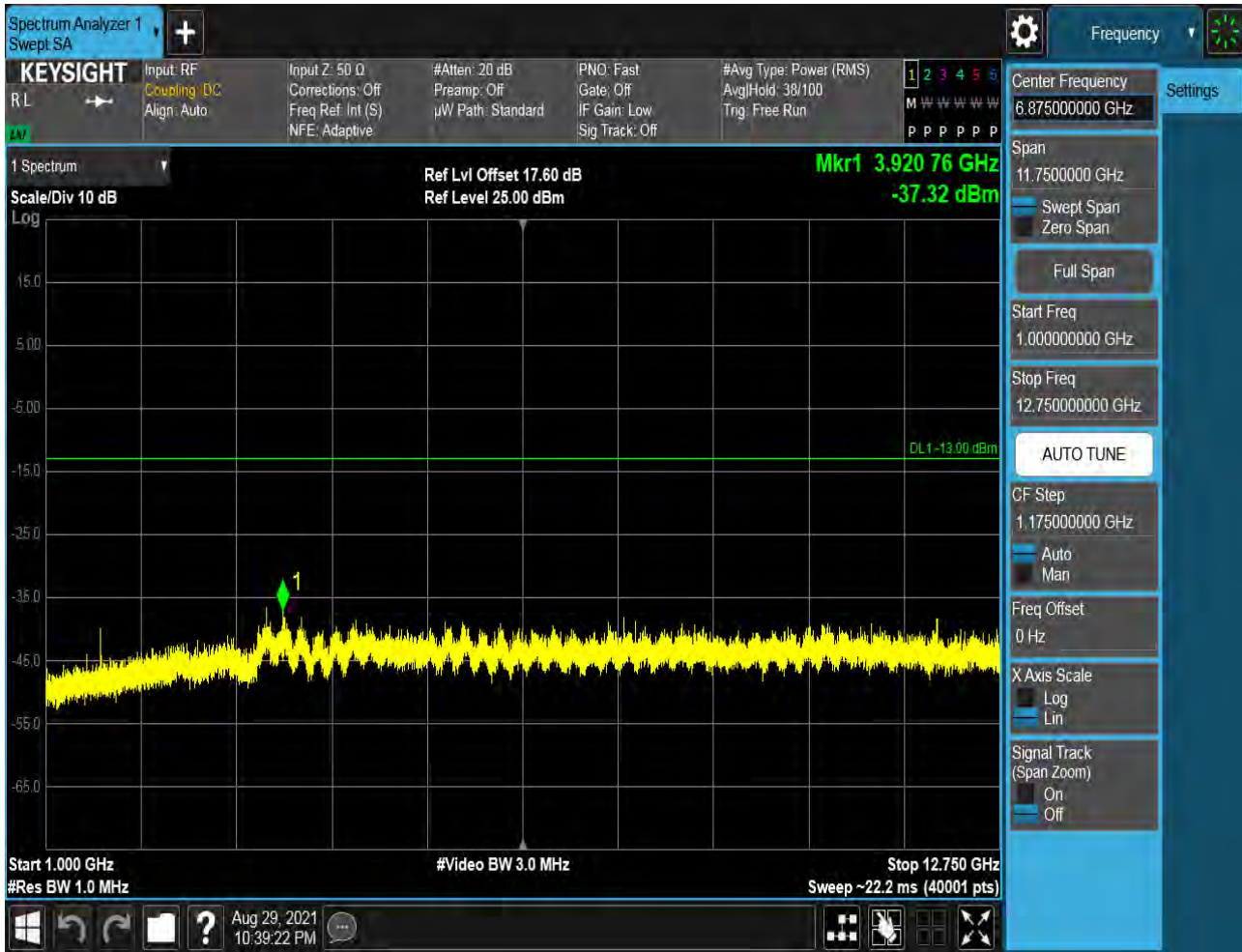
6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0



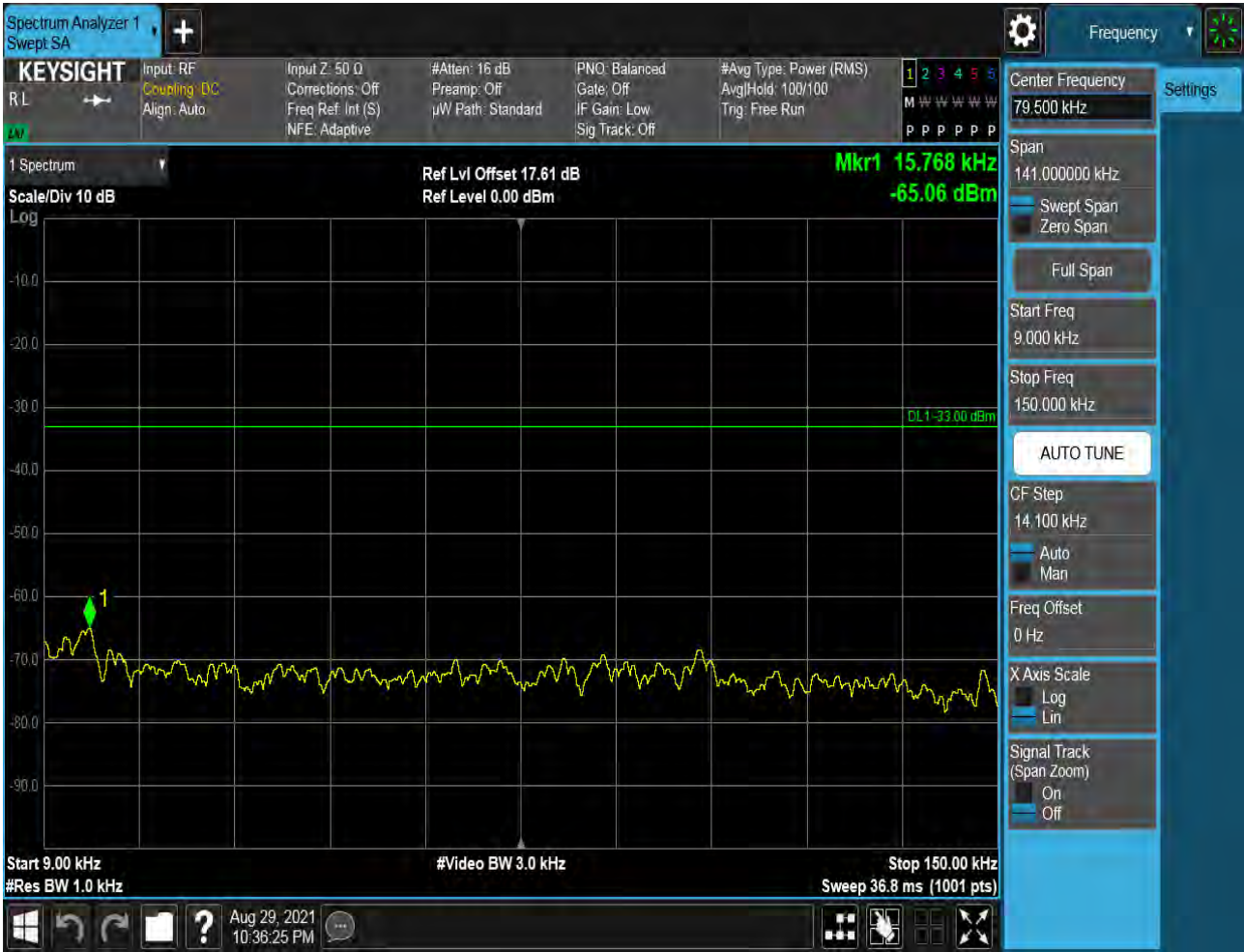


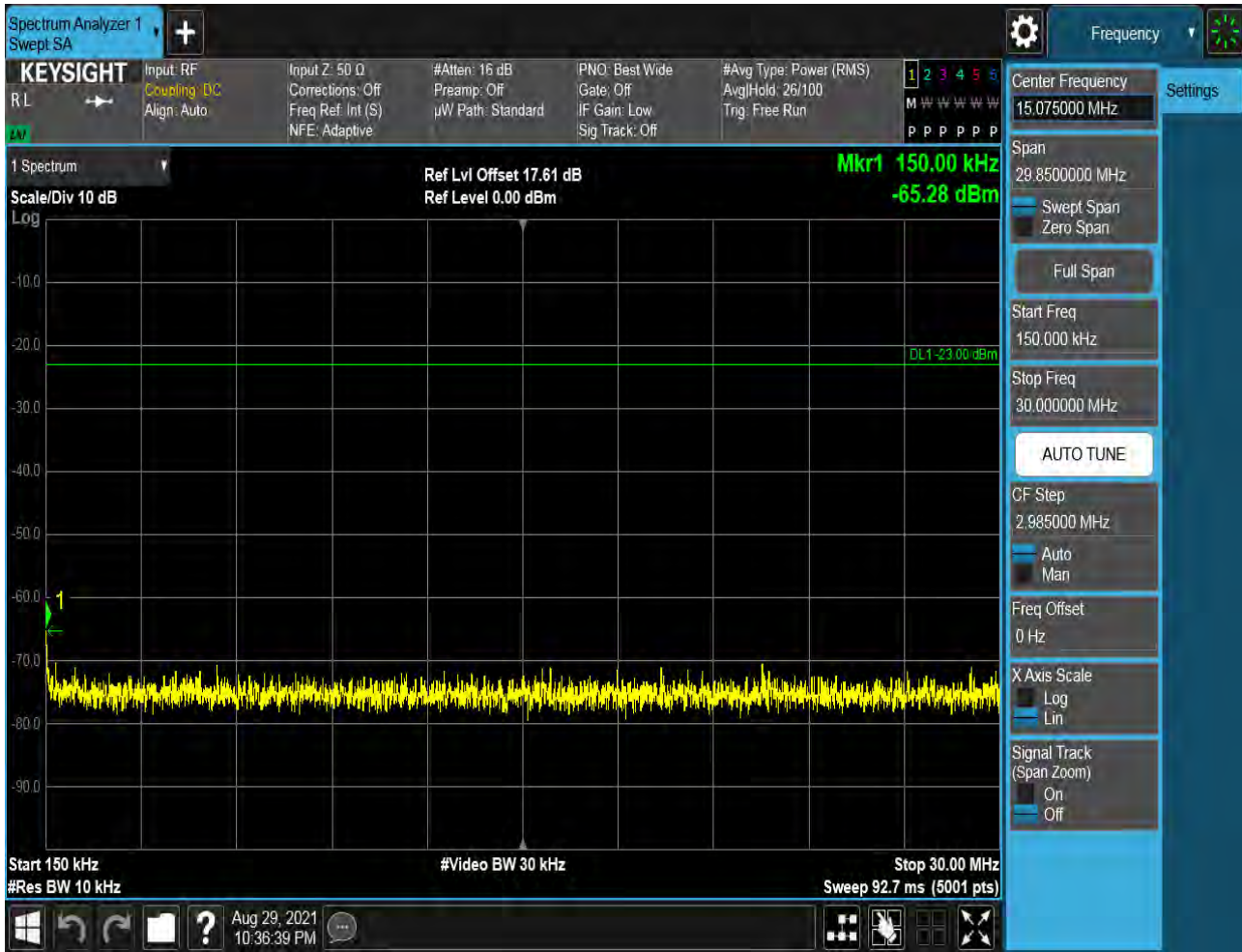




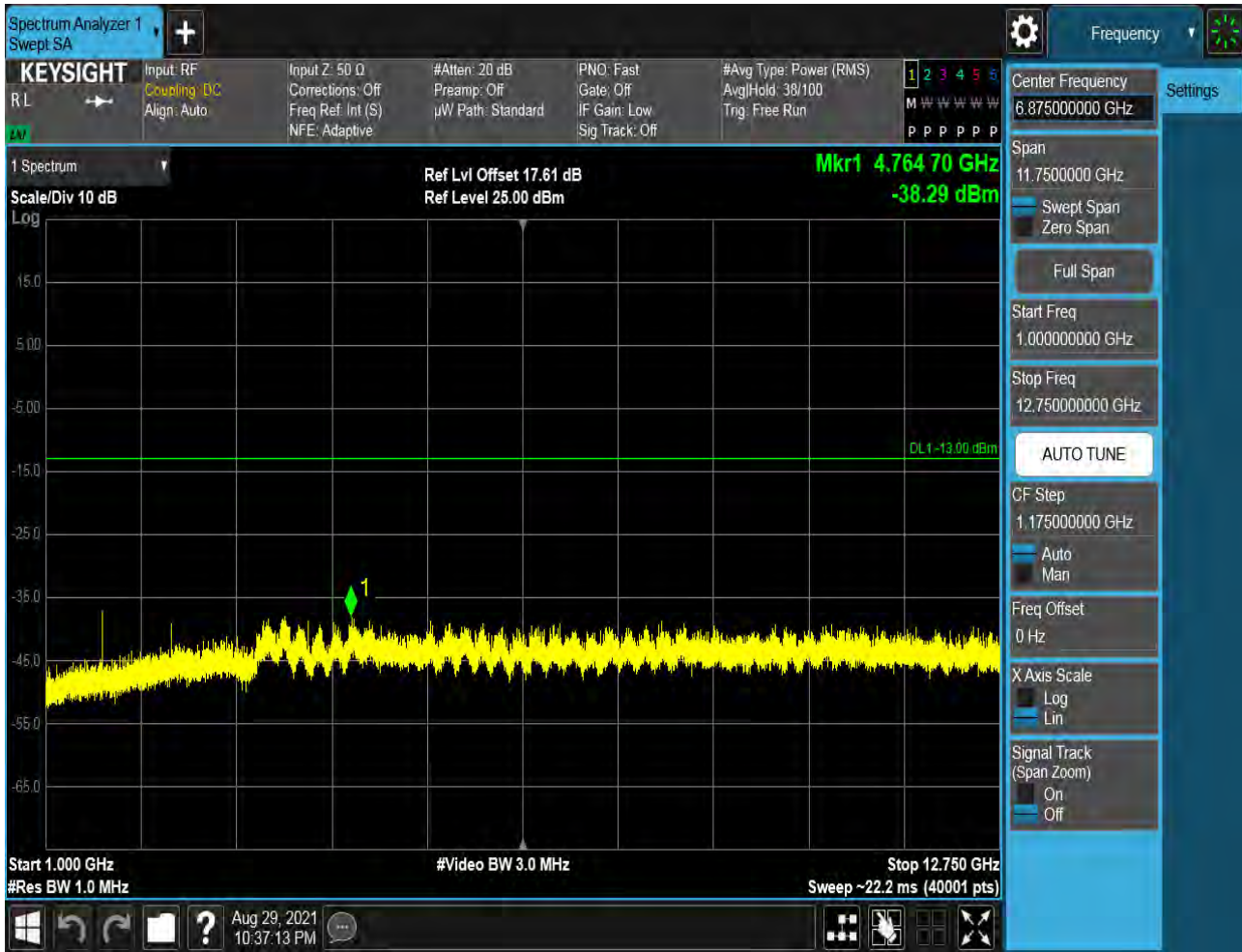
6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0





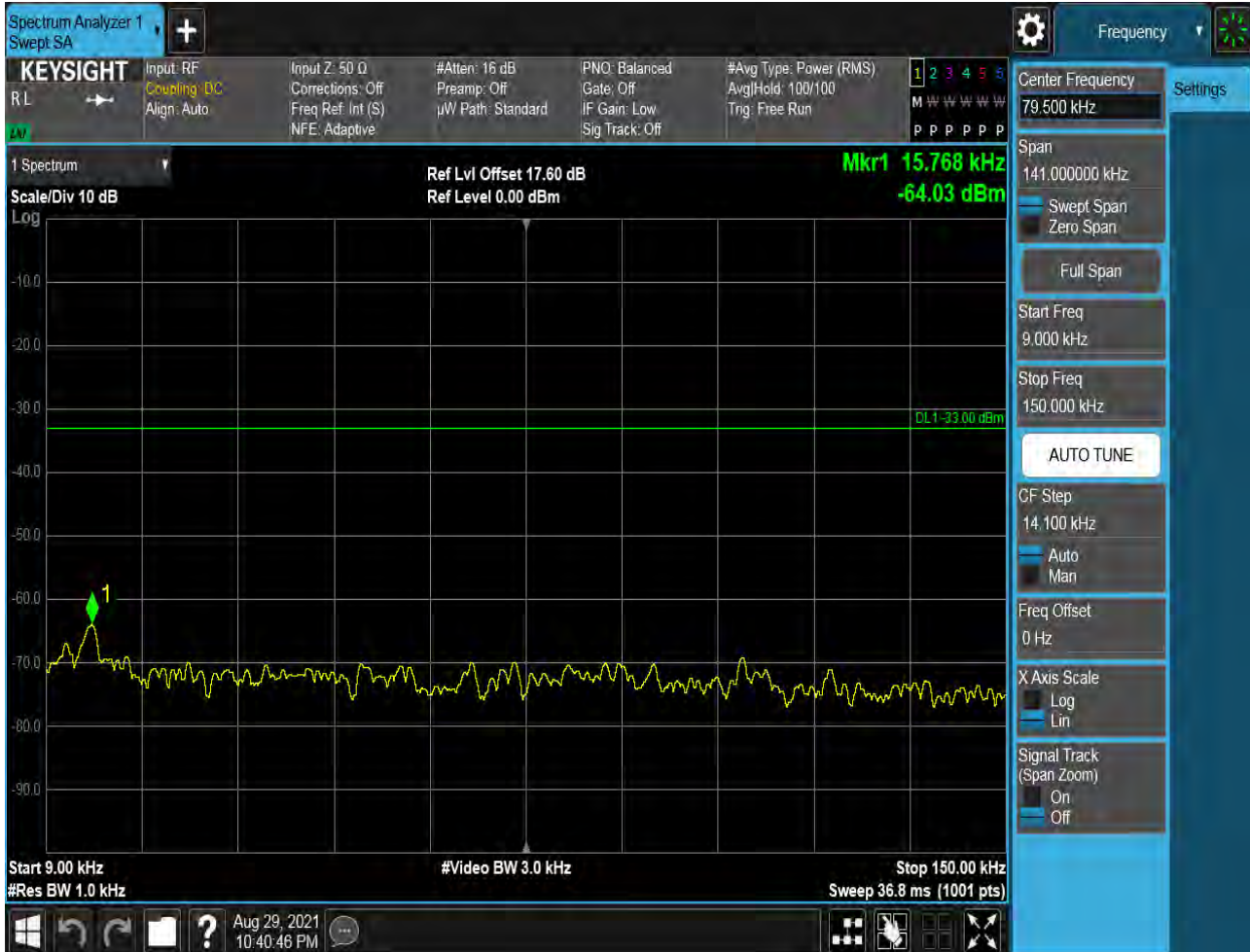


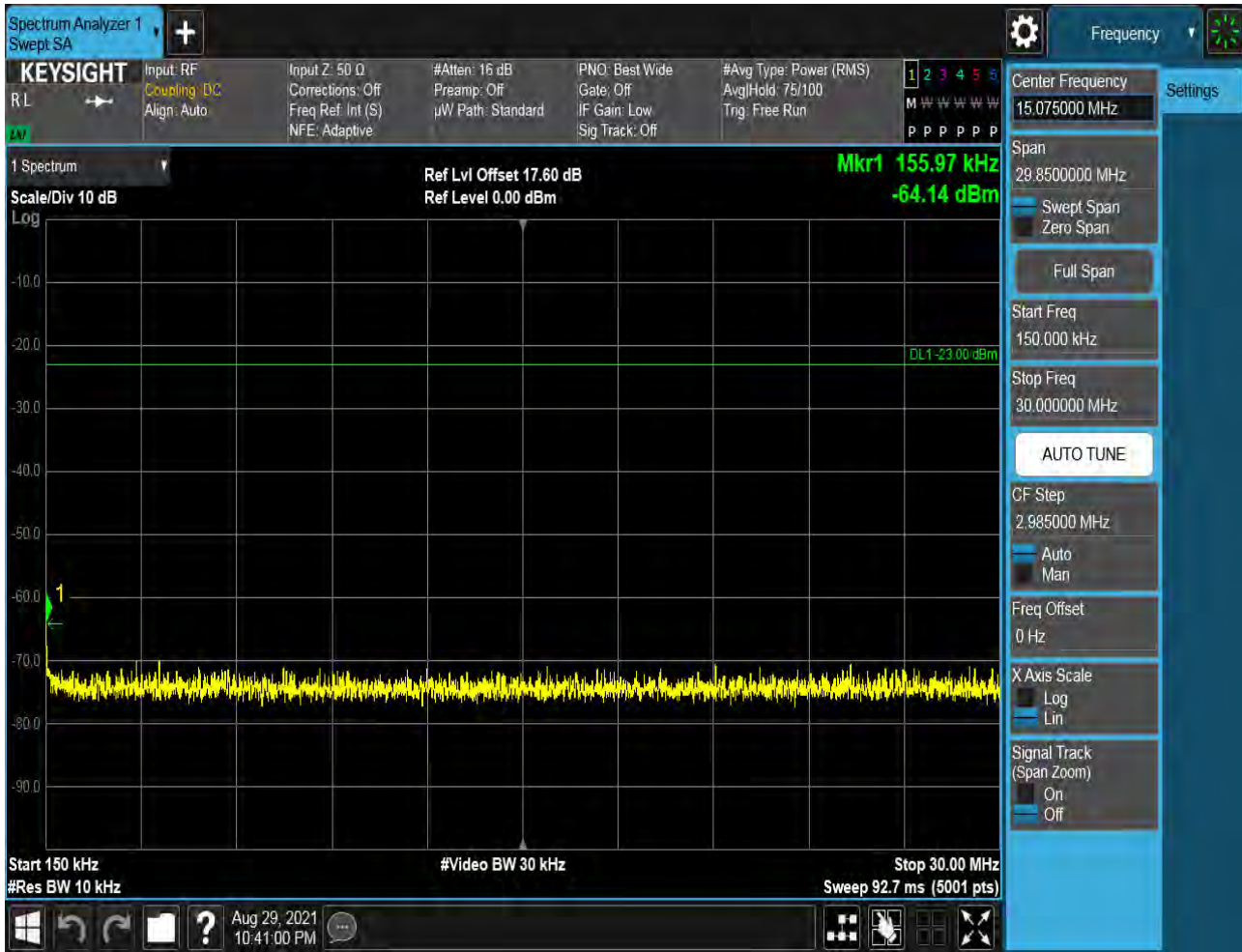


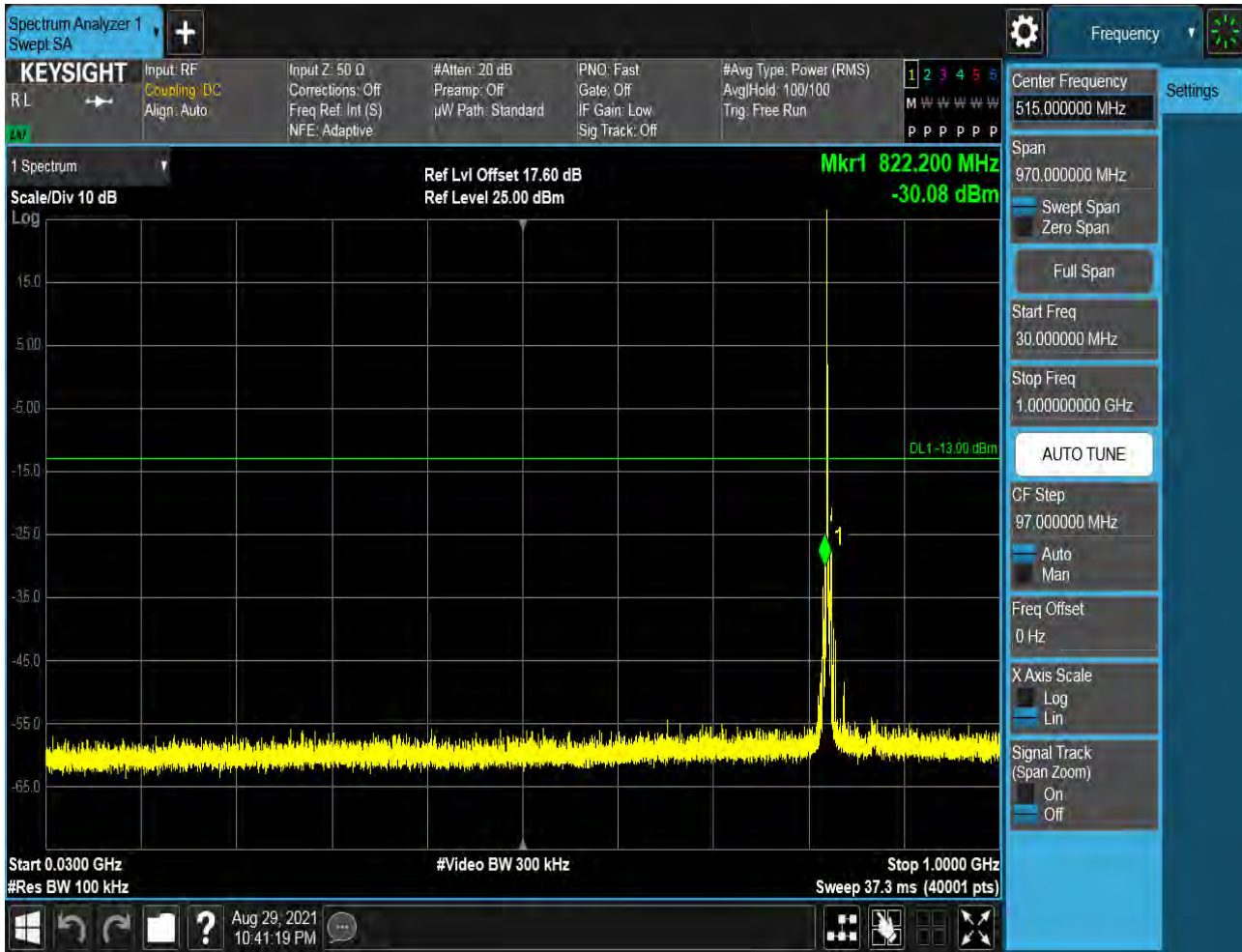
6.2.1.2.3 Test Bandwidth = 5

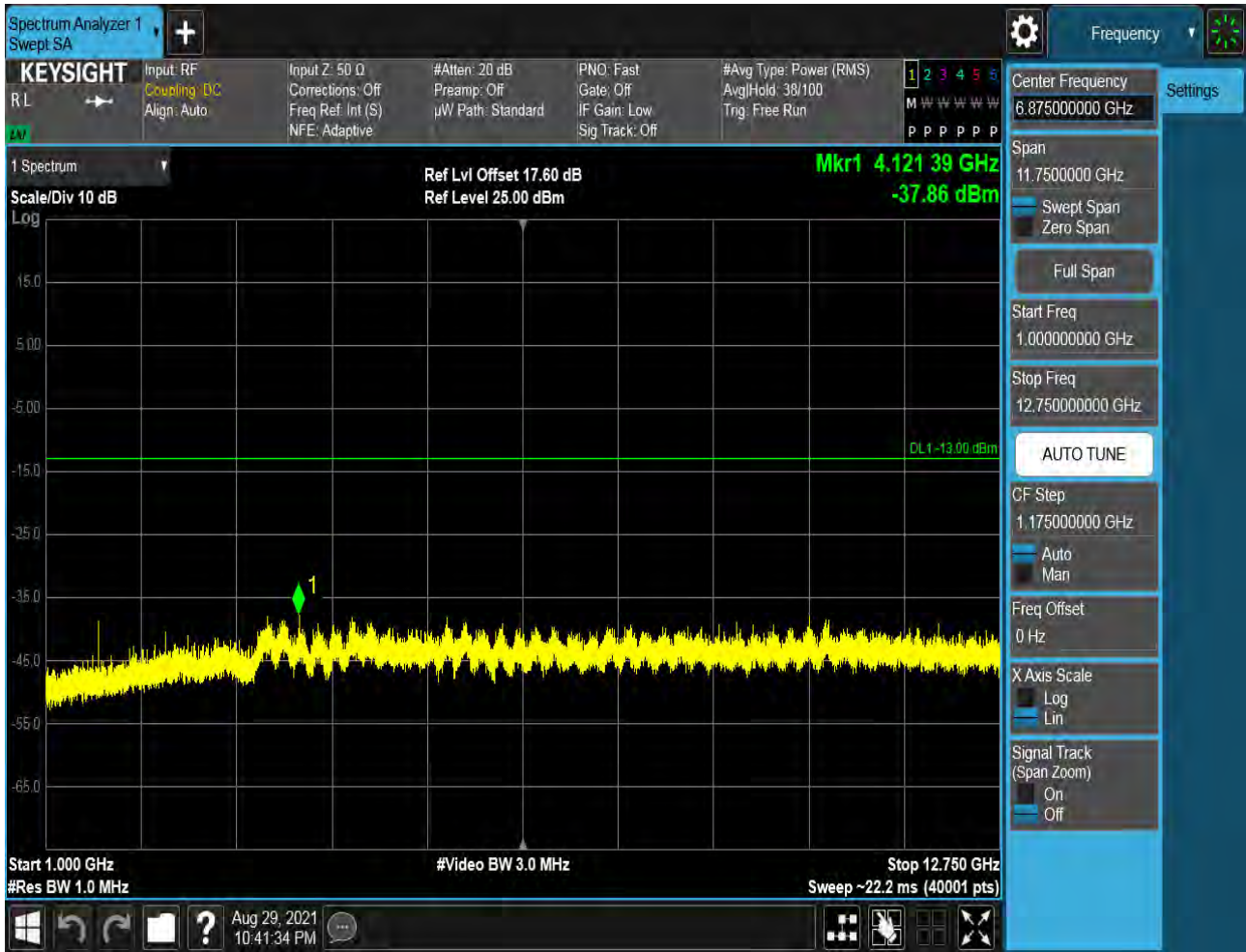
6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0



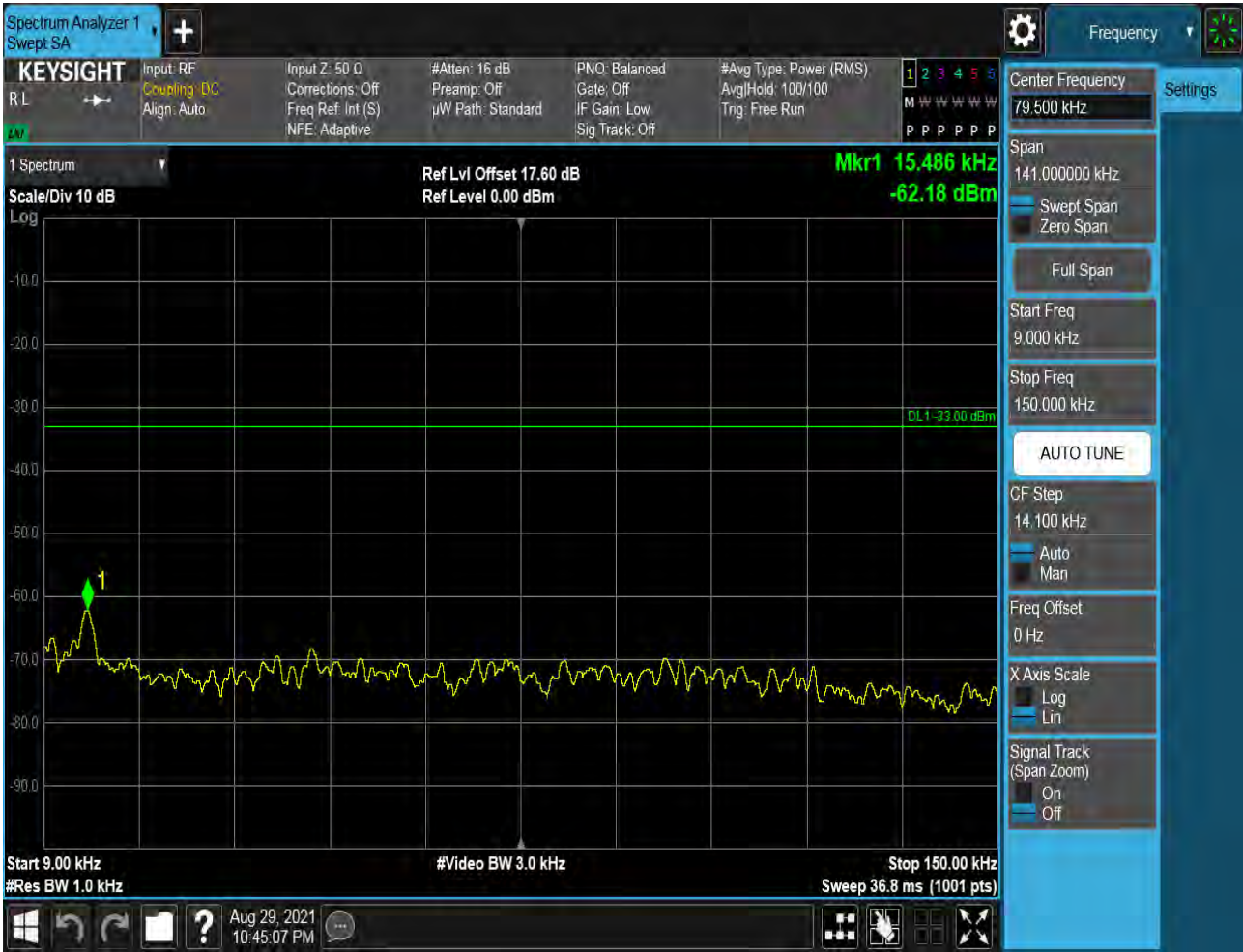


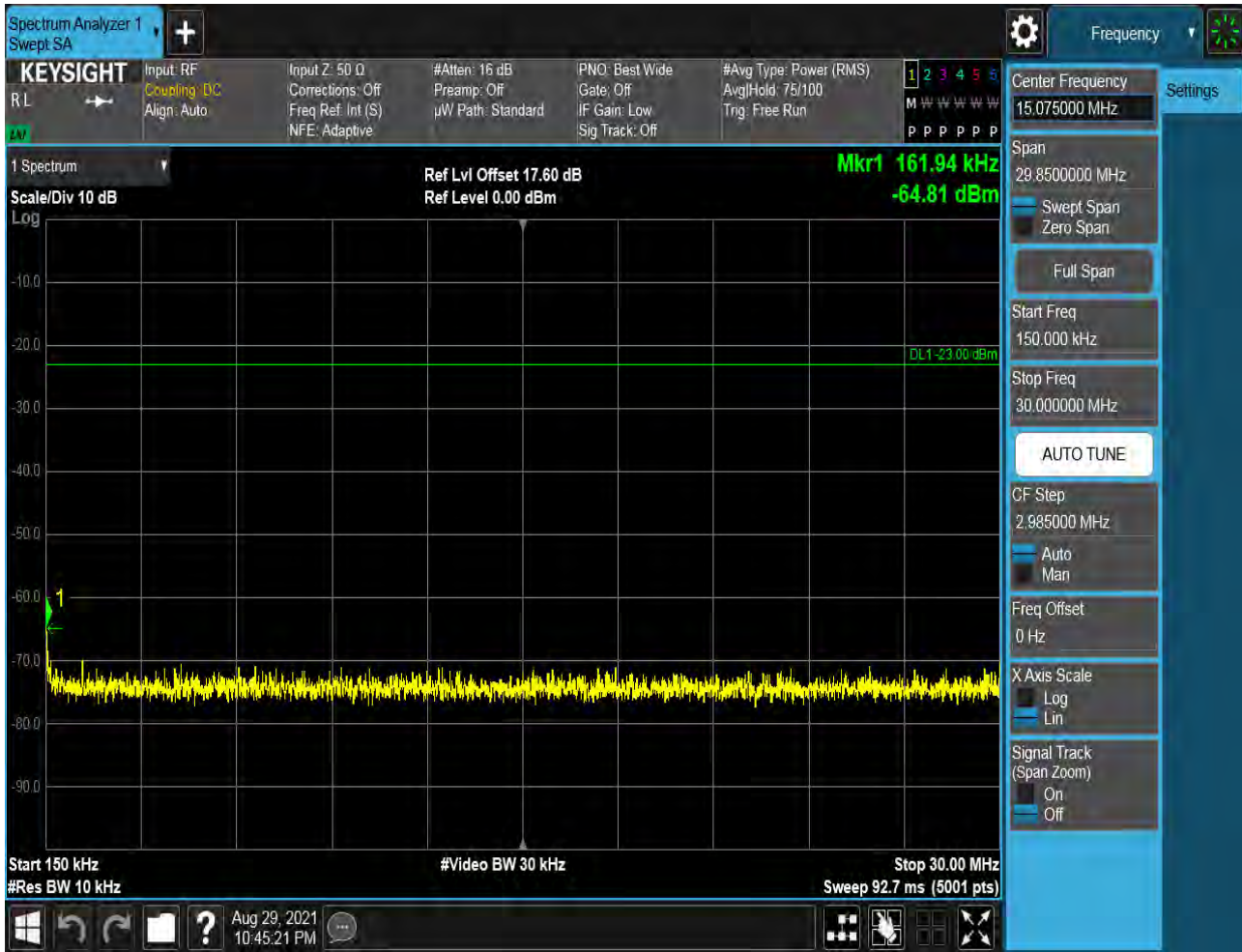


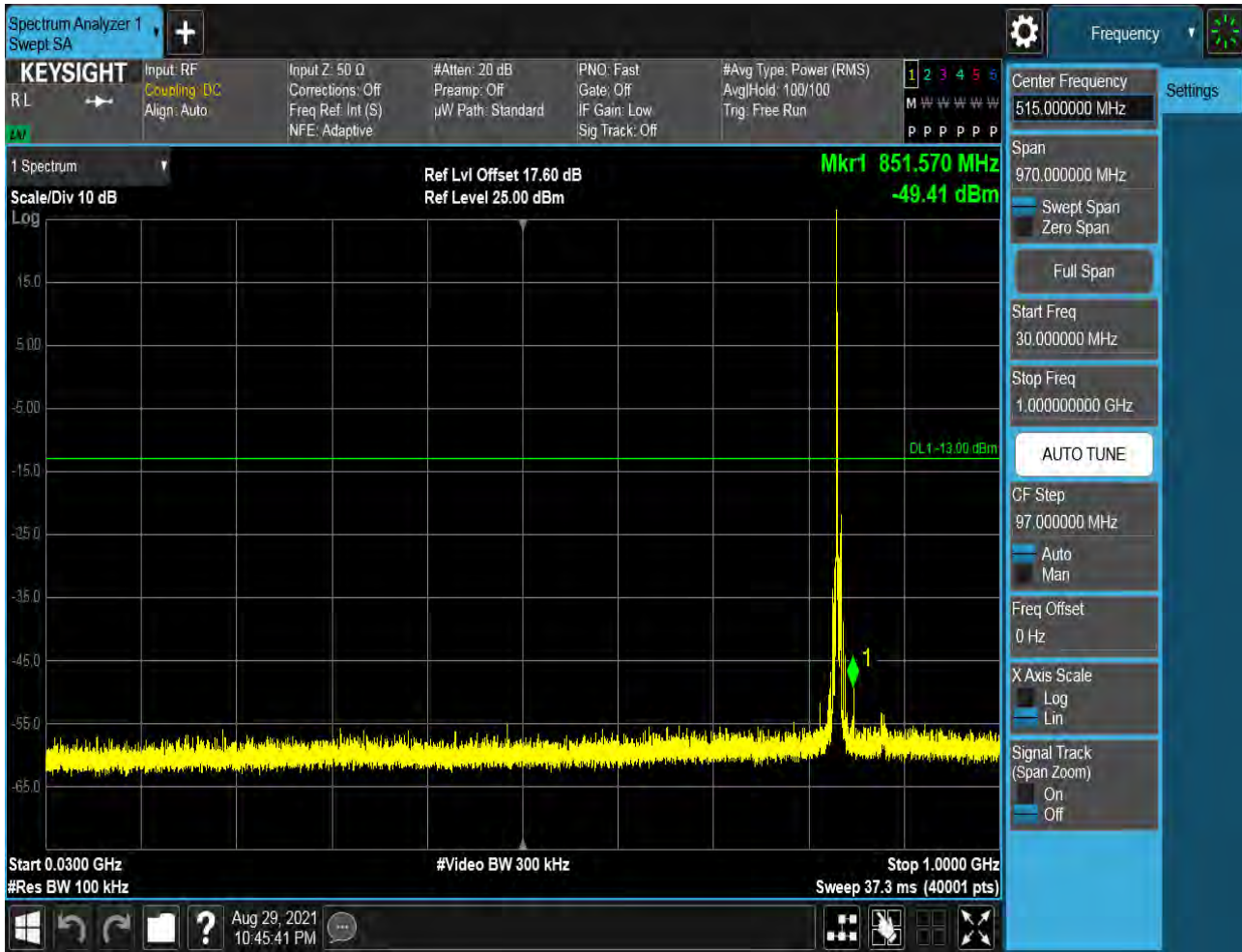


6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0



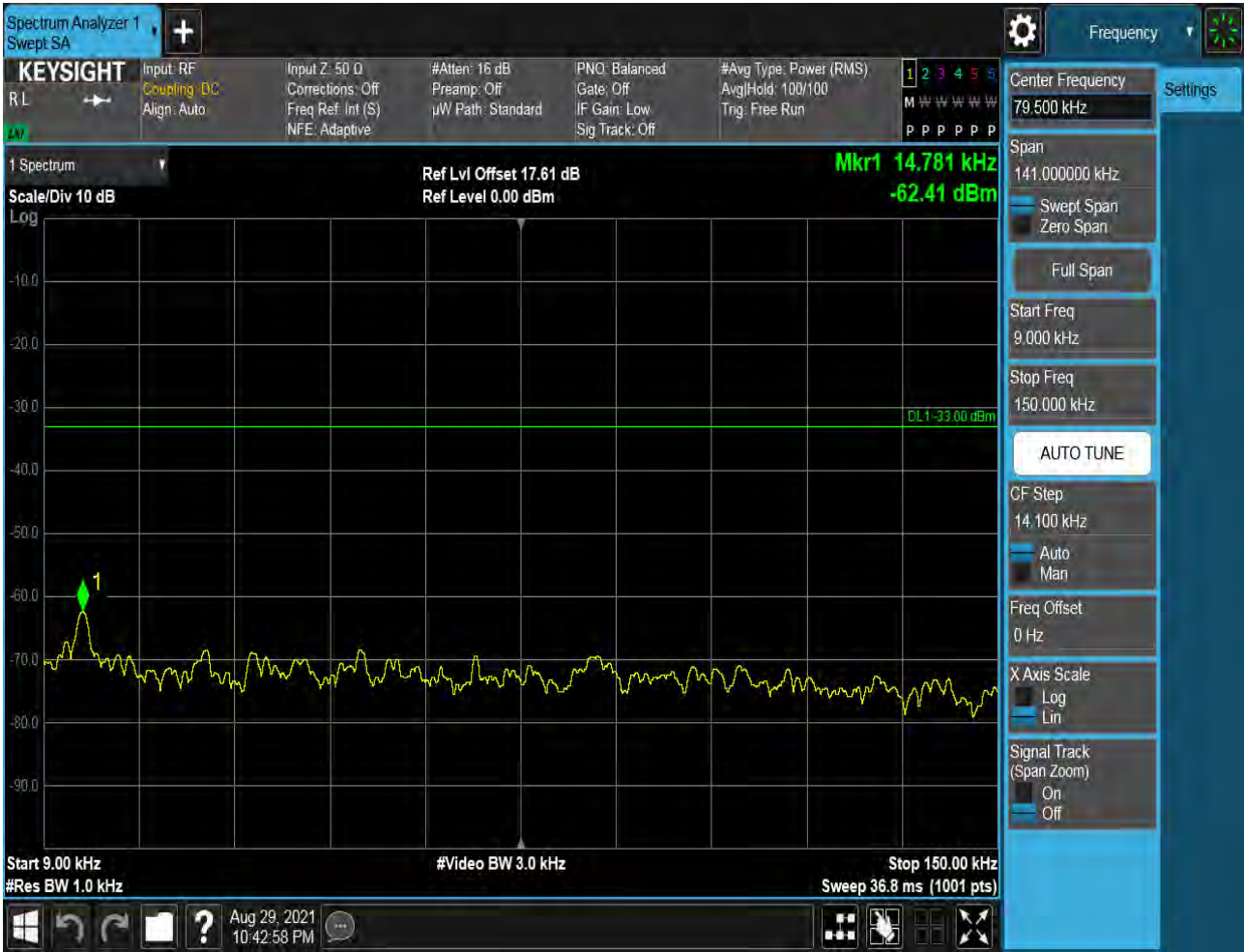


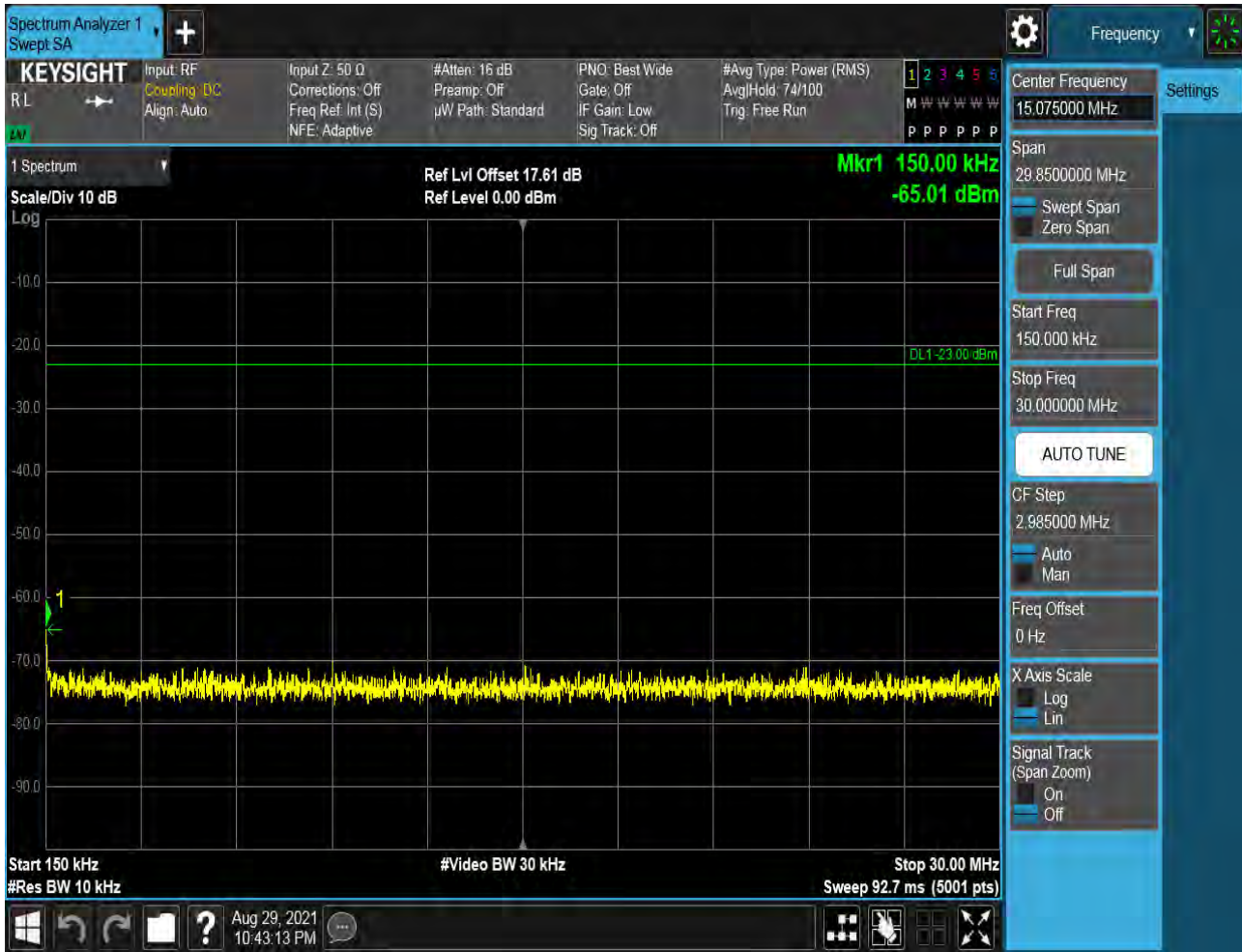


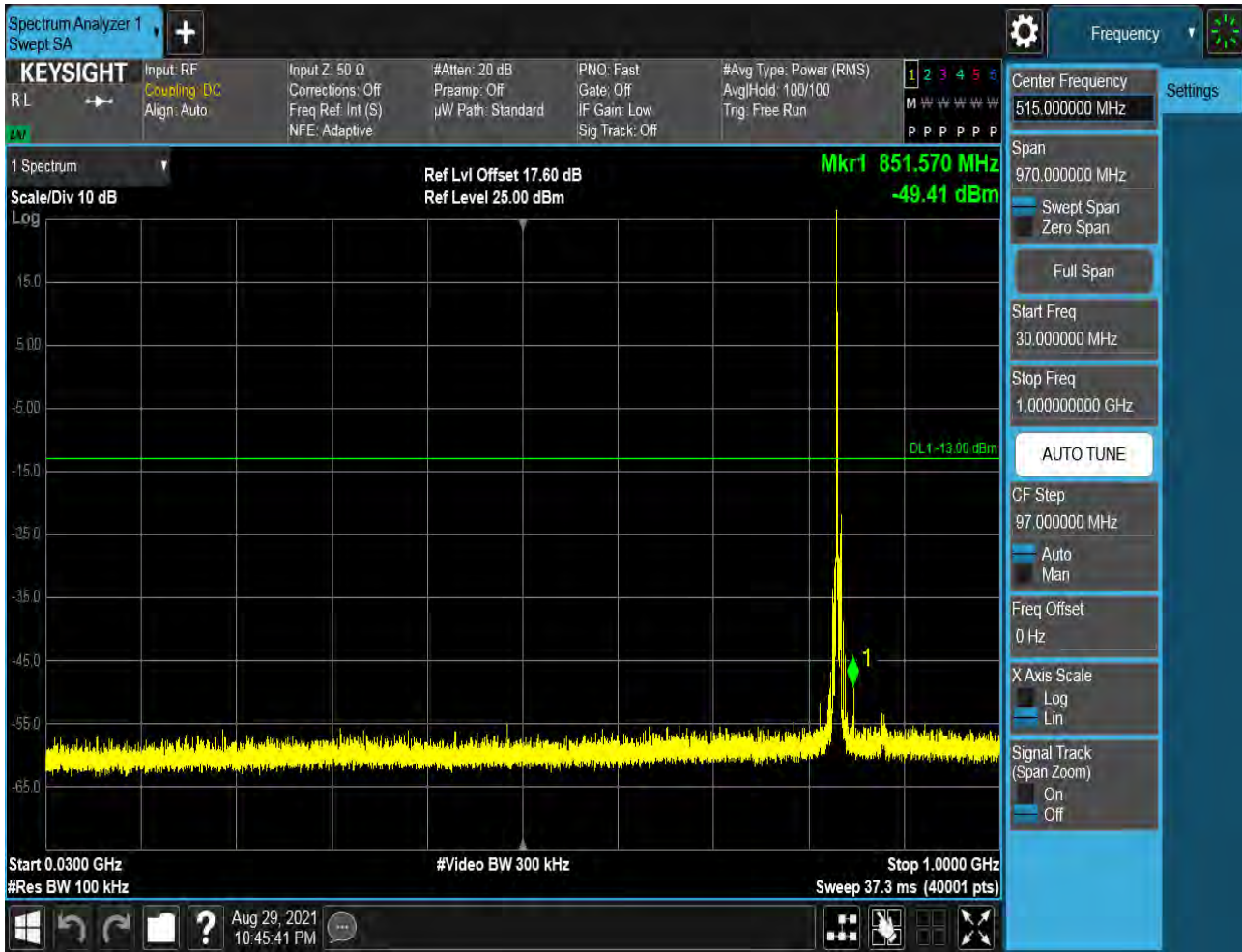


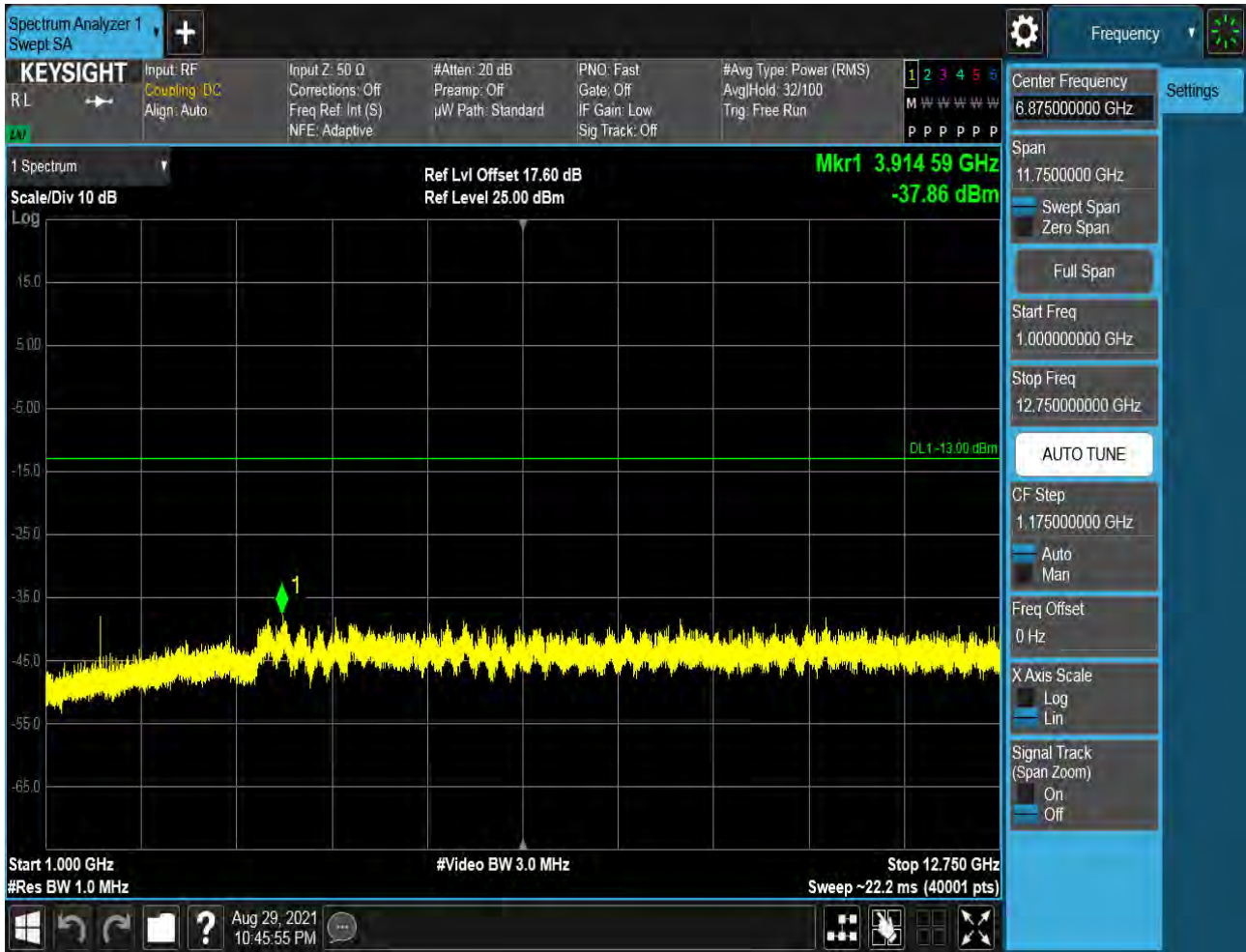
6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0





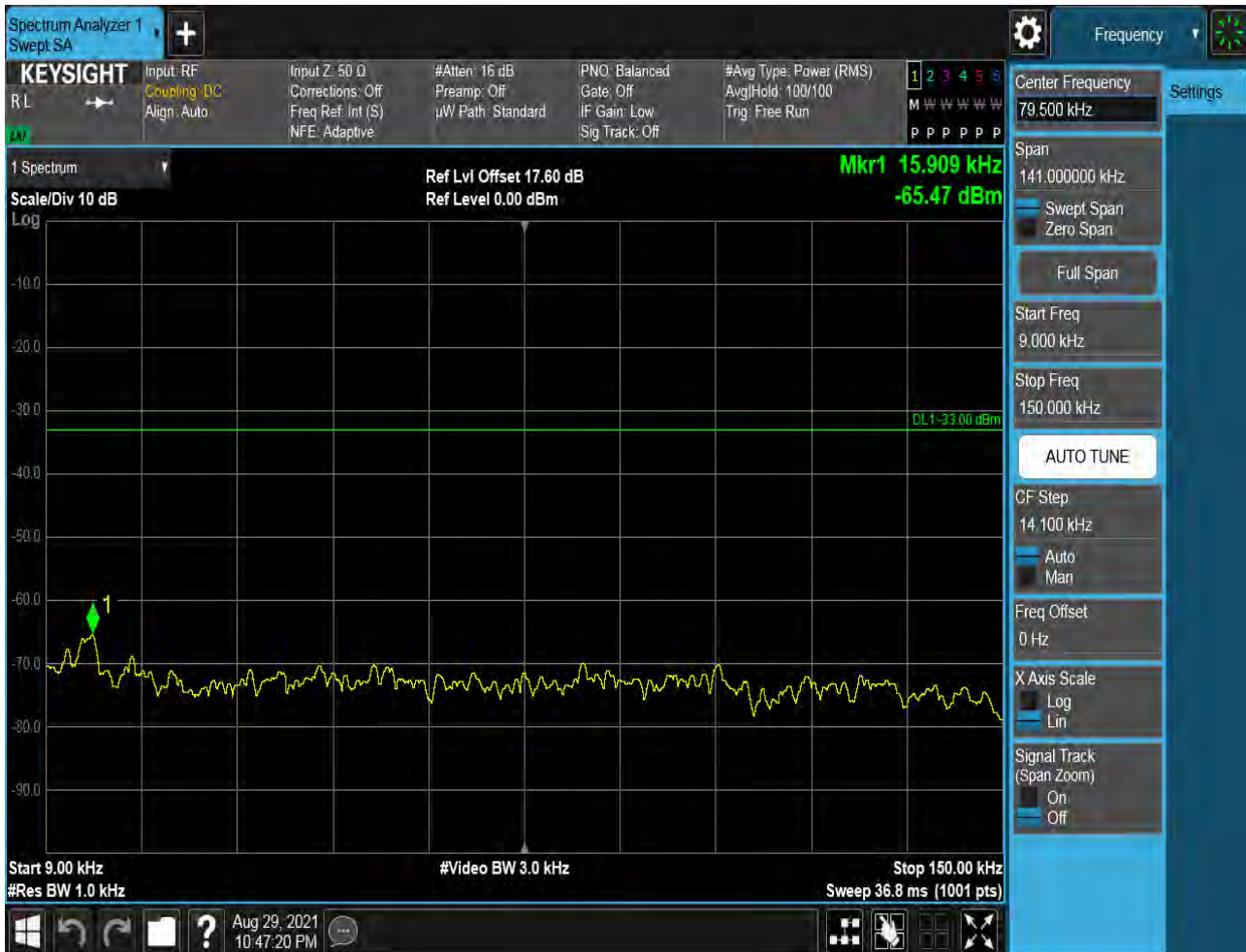


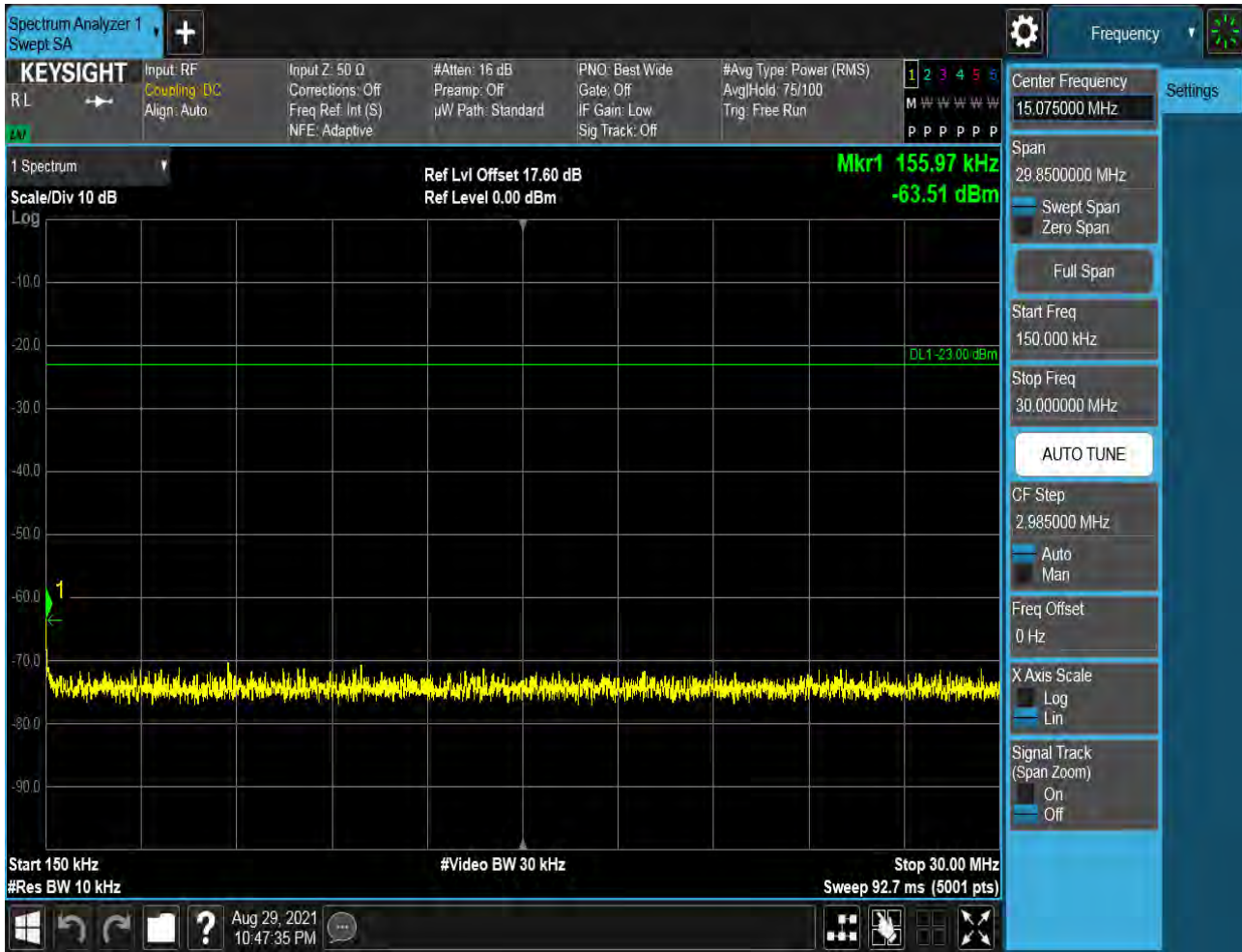


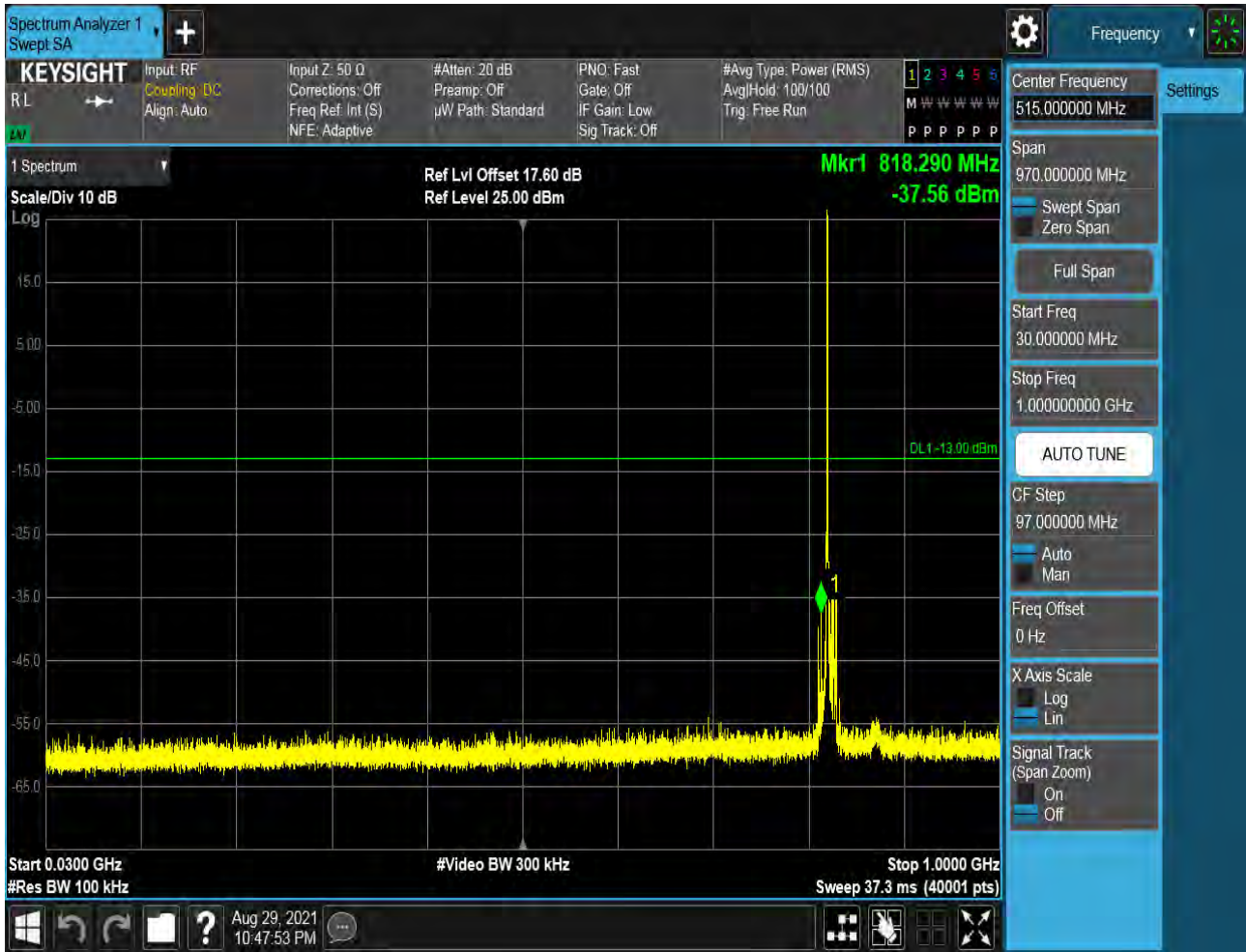
6.2.1.2.4 Test Bandwidth = 10

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0



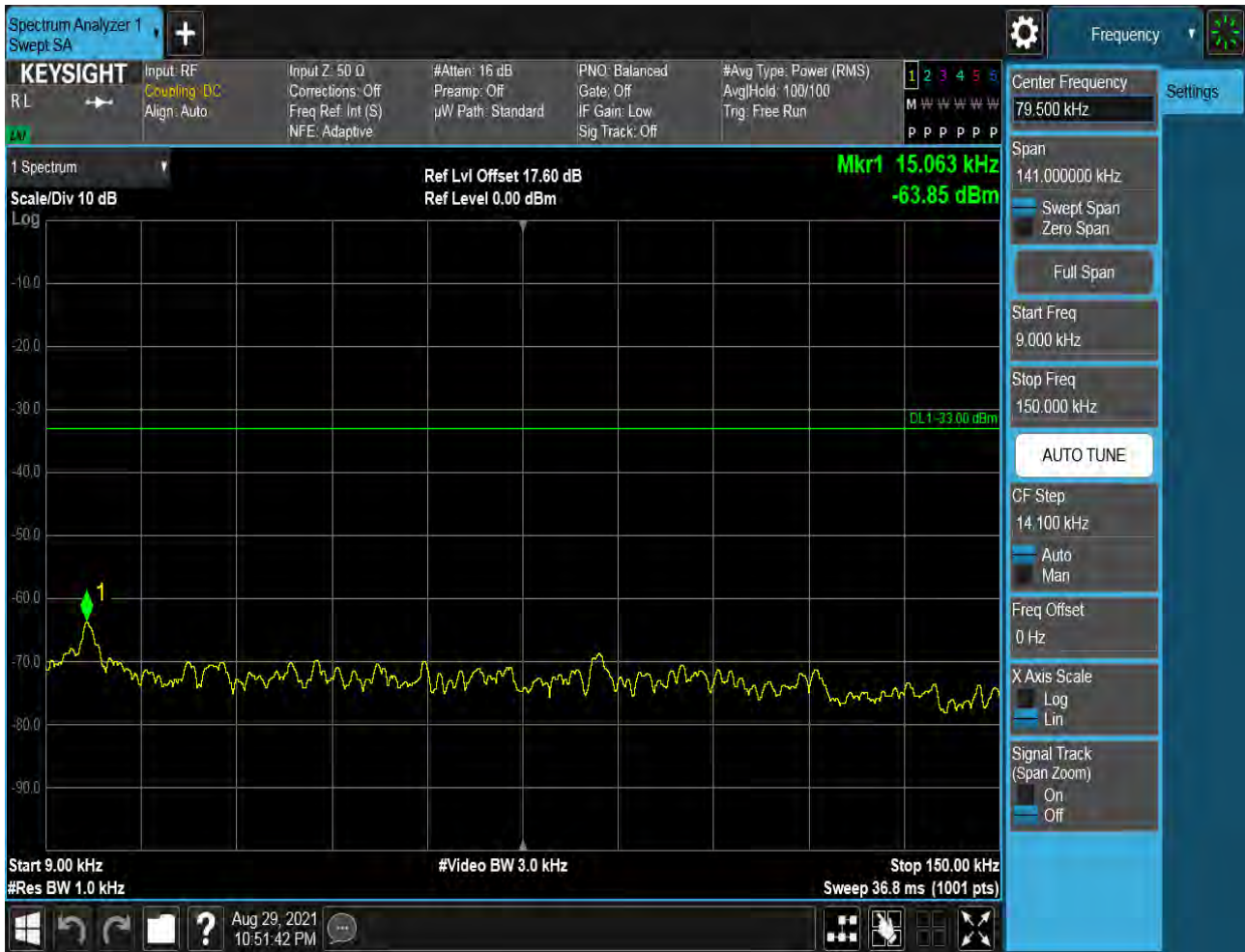


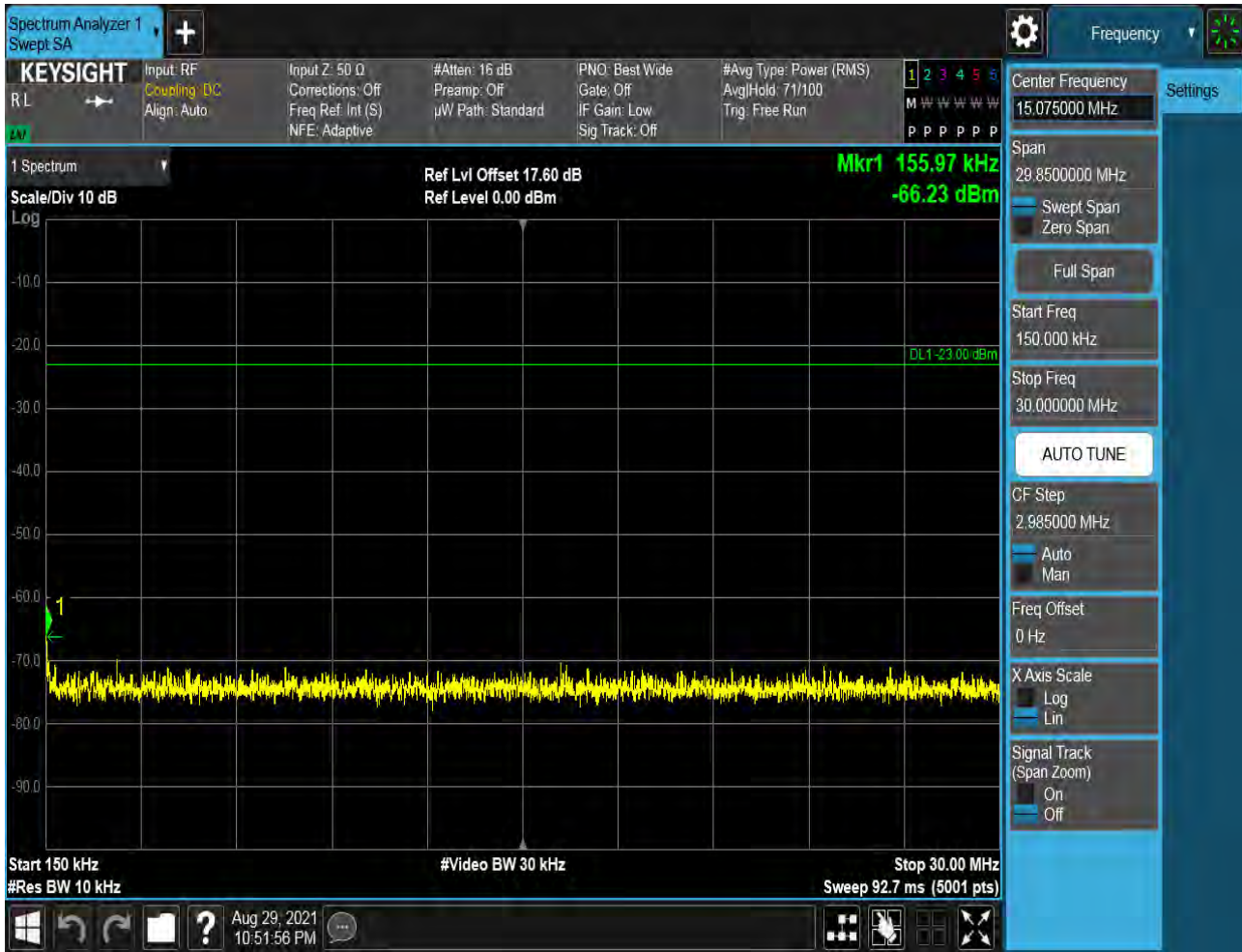


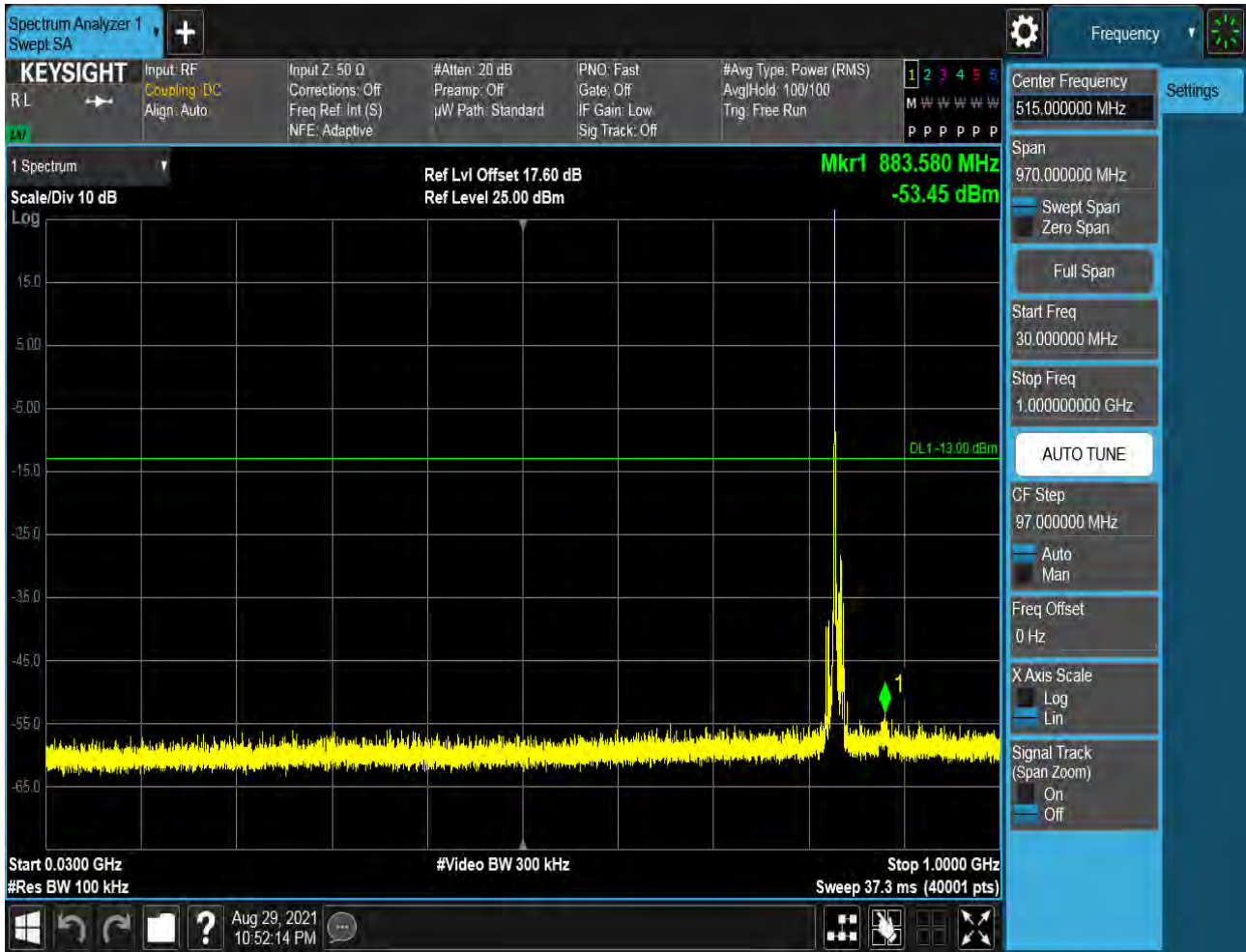


6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0



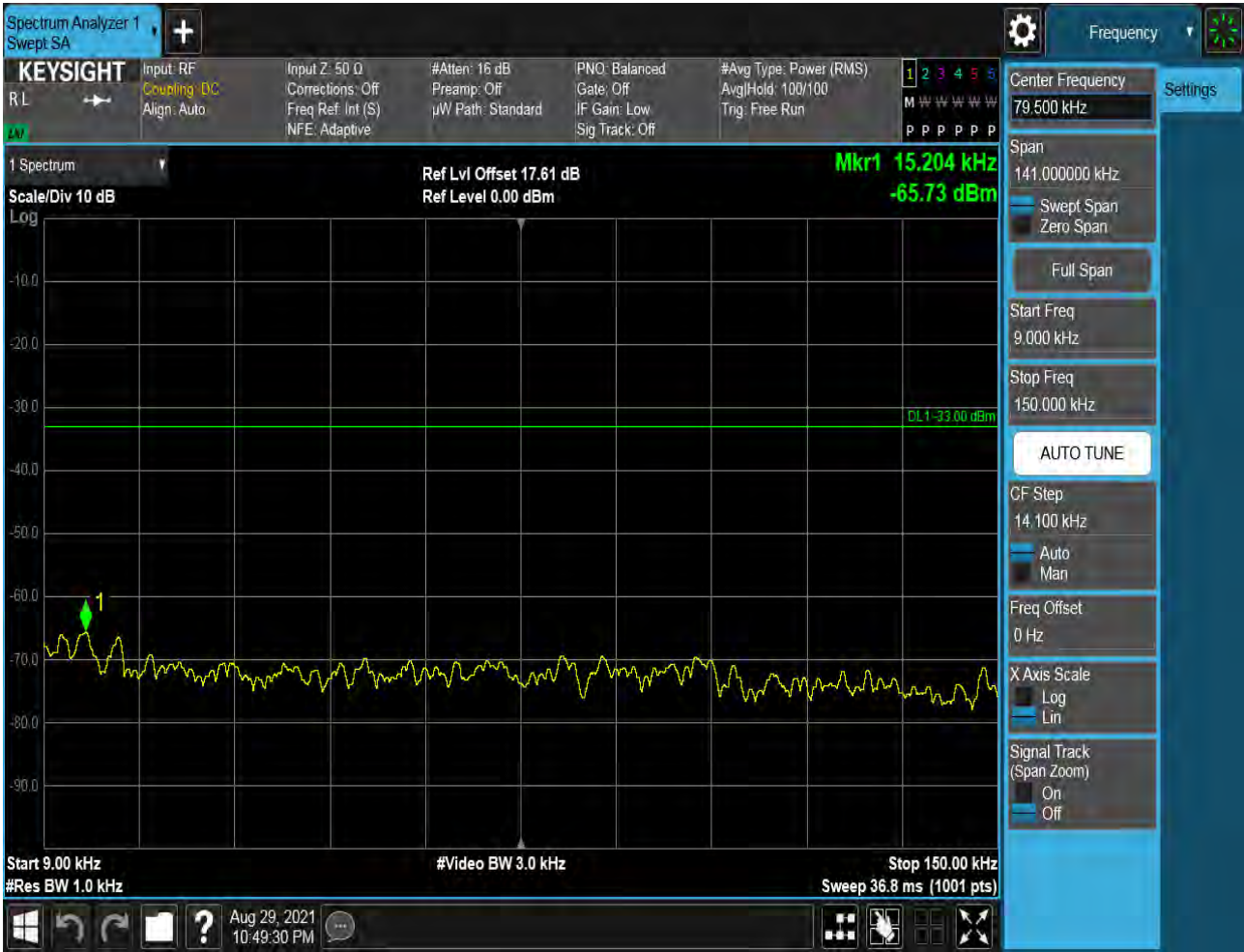


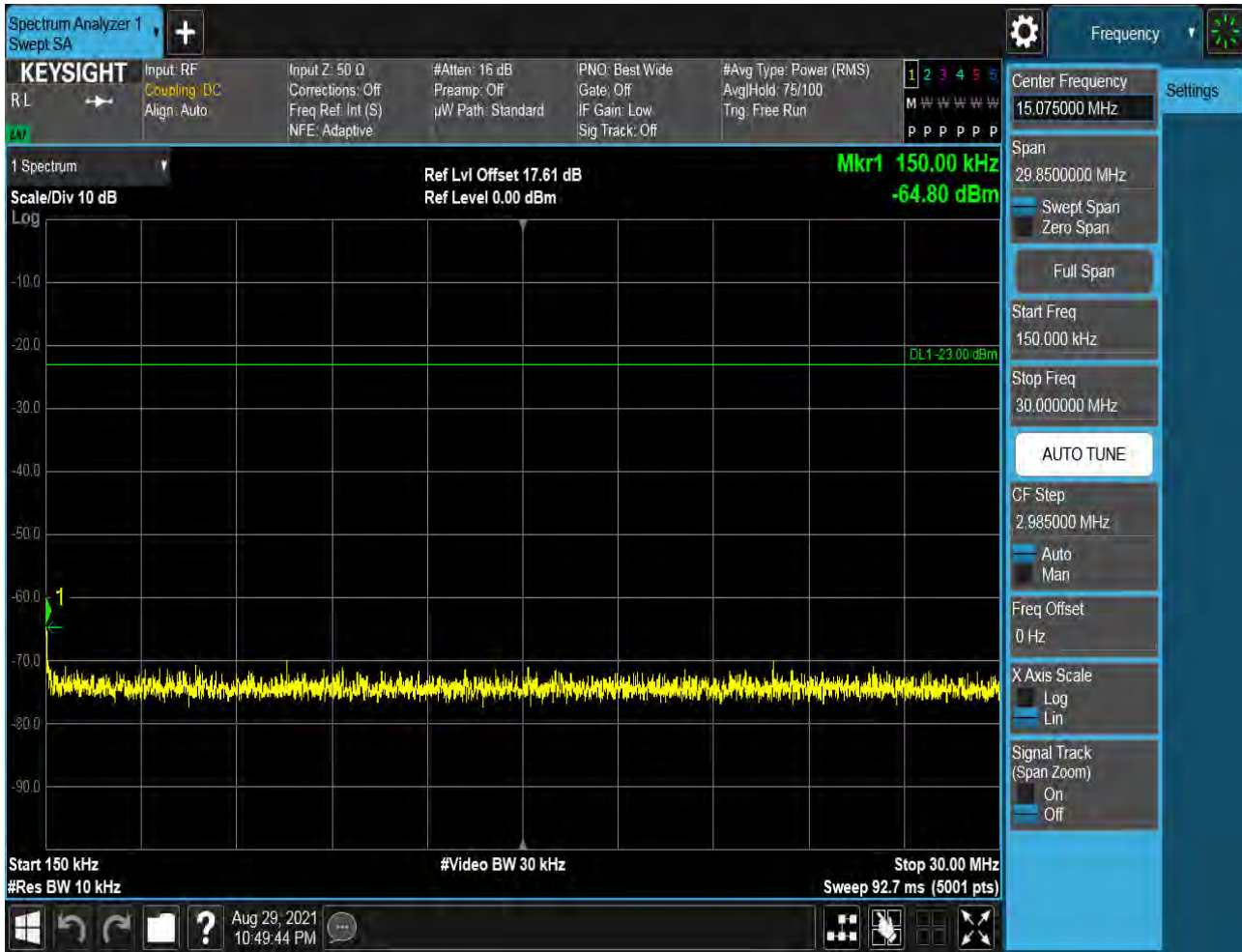


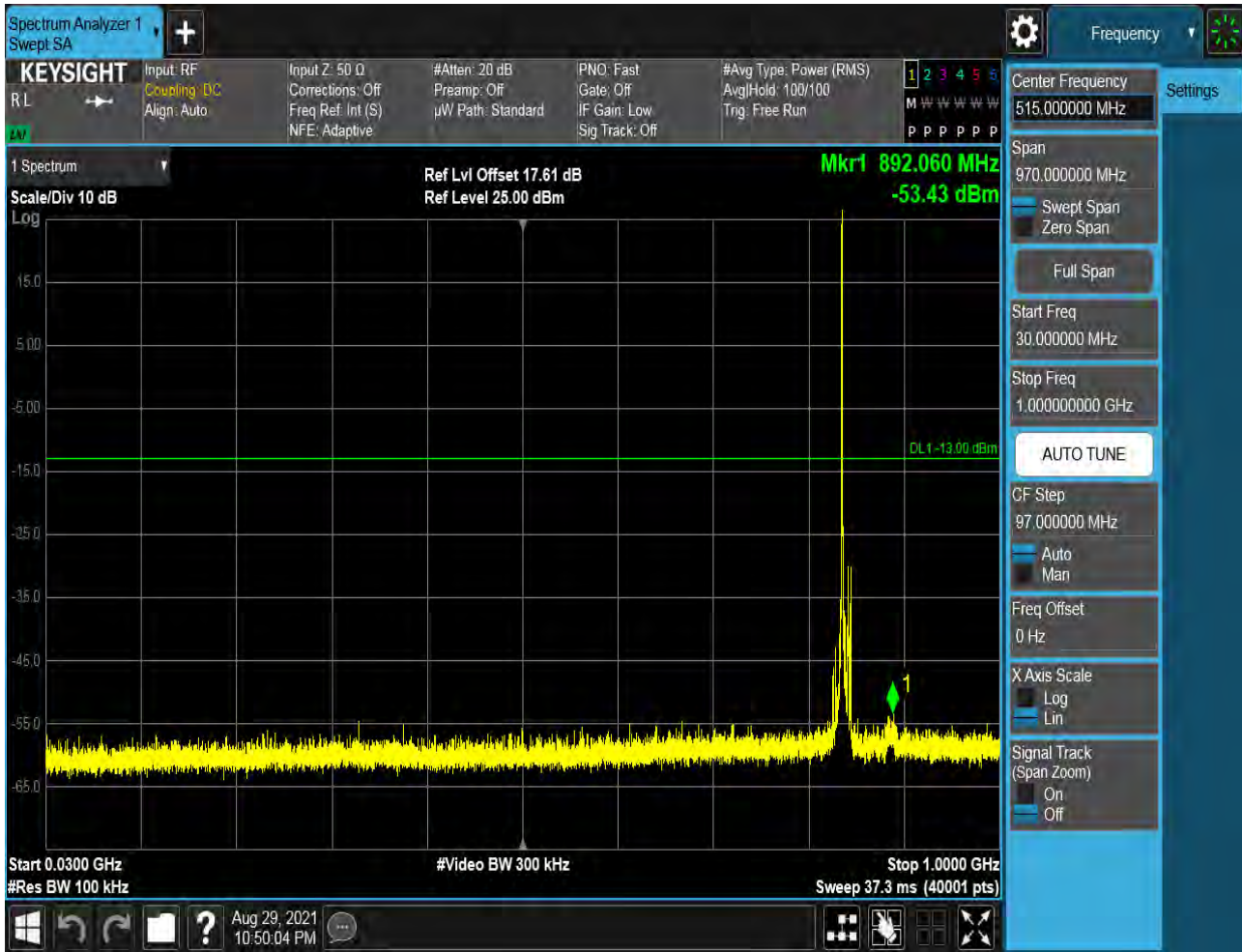


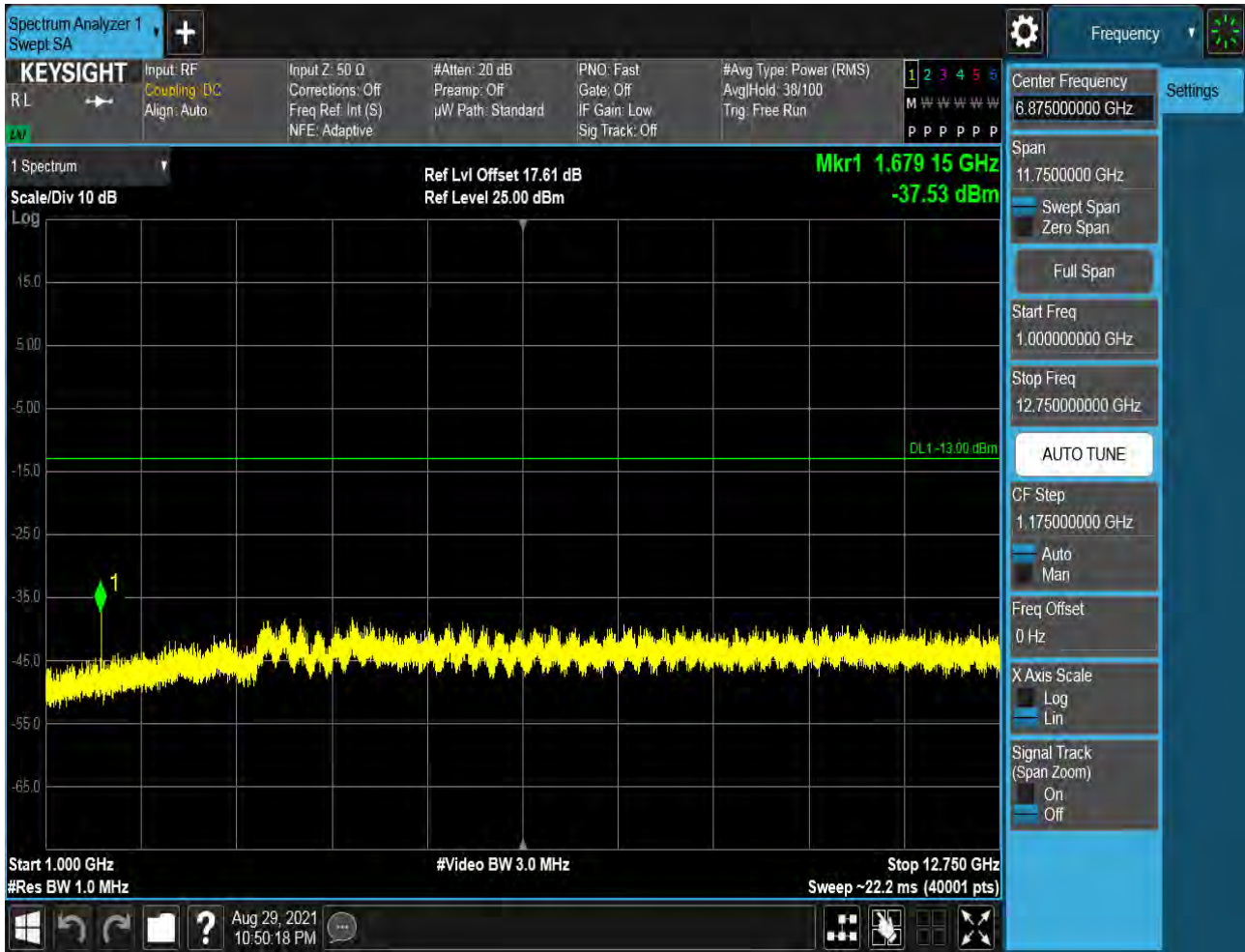
6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0









7Appendix_G: Field Strength of Spurious Radiation

Note 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

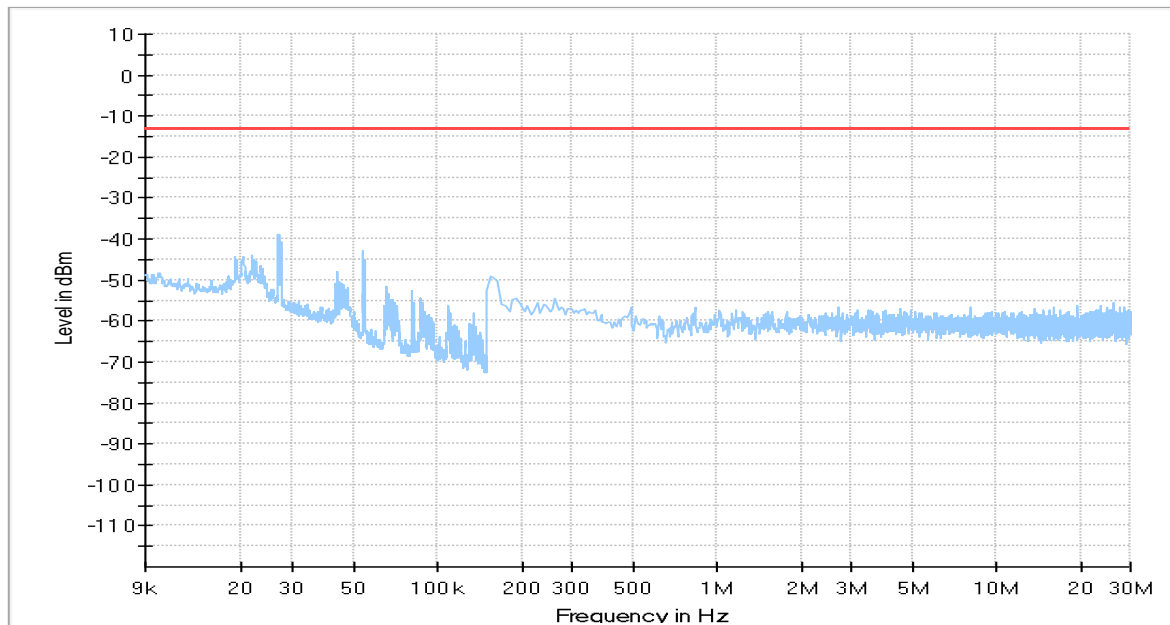
Part I - Test Plots

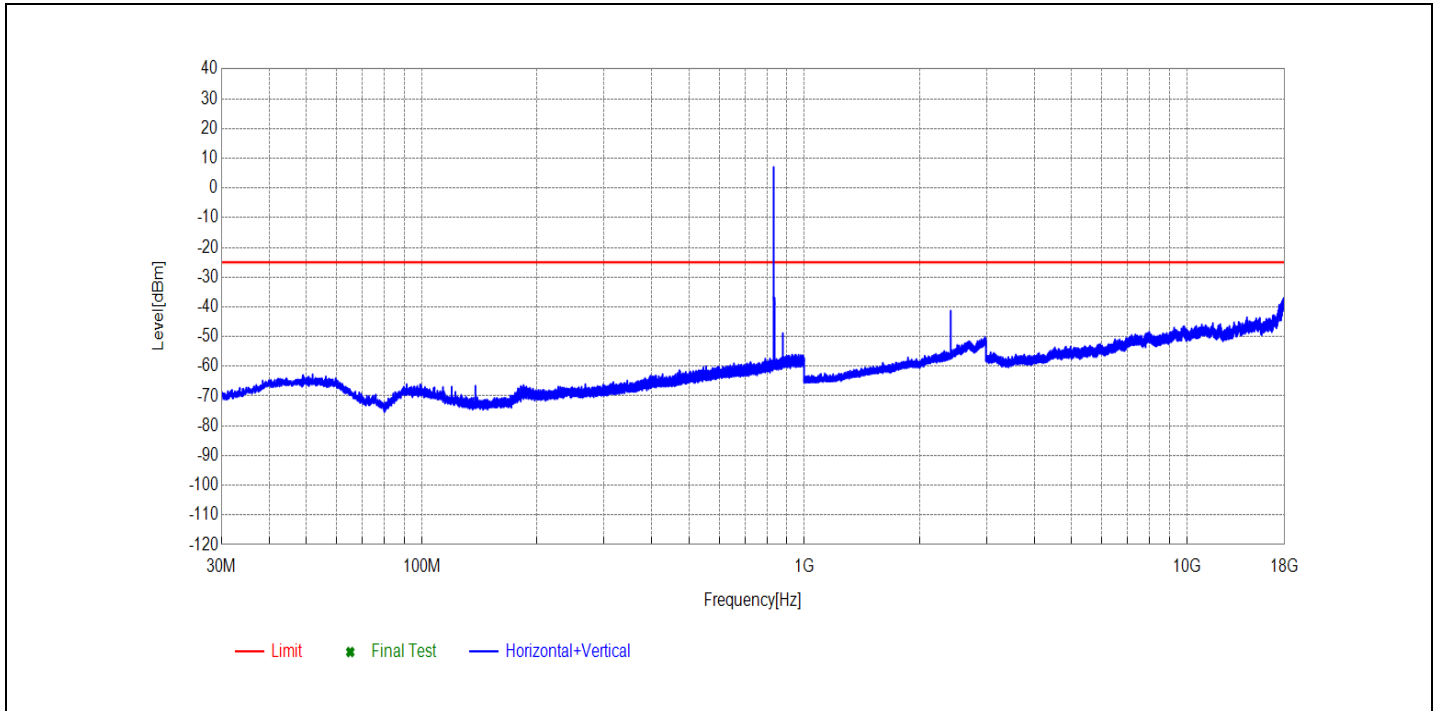
7.1 For LTE

7.1.1 Test Band = Band5

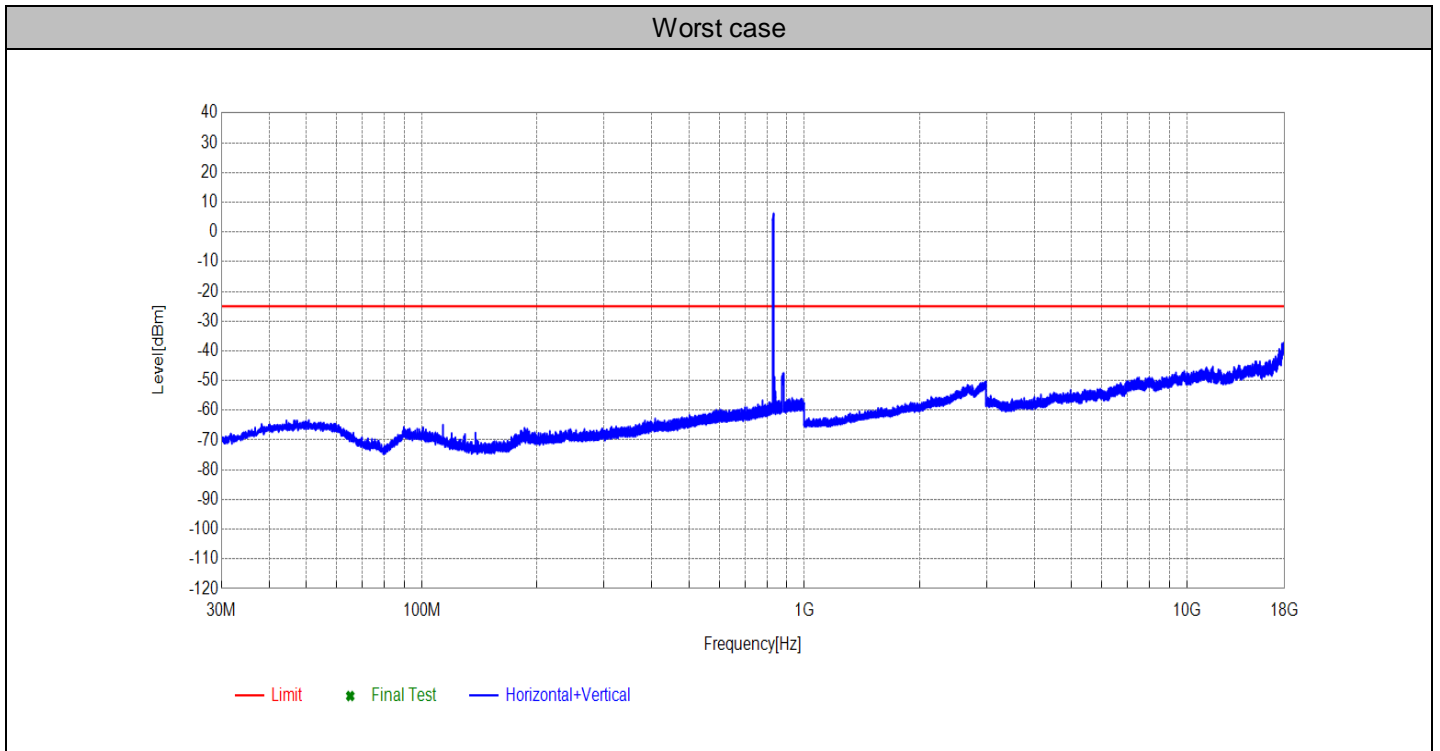
7.1.1.1 Test Bandwidth = 1.4

Worst case





7.1.1.2 Test Bandwidth = 10



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
Band5	LTE/TM1	1.4	LCH	TN	VL	5.42558	0.00658	PASS
					VN	0.91795	0.00111	PASS
					VH	-3.45232	-0.00419	PASS
			MCH	TN	VL	7.13716	0.00853	PASS
					VN	-17.05588	-0.02039	PASS
					VH	-2.76735	-0.00331	PASS
			HCH	TN	VL	-2.45838	-0.00290	PASS
					VN	-4.44748	-0.00524	PASS
					VH	-20.48476	-0.02415	PASS
		3	LCH	TN	VL	6.39668	0.00775	PASS
					VN	2.76458	0.00335	PASS
					VH	4.78936	0.00580	PASS
			MCH	TN	VL	5.03651	0.00602	PASS
					VN	0.34478	0.00041	PASS
					VH	4.56689	0.00546	PASS
			HCH	TN	VL	12.02188	0.01419	PASS
					VN	1.15658	0.00136	PASS
					VH	1.13803	0.00134	PASS
		5	LCH	TN	VL	8.53793	0.01033	PASS
					VN	1.10414	0.00134	PASS
					VH	4.01224	0.00485	PASS
			MCH	TN	VL	4.87010	0.00582	PASS
					VN	3.71720	0.00444	PASS
					VH	1.42292	0.00170	PASS
			HCH	TN	VL	1.92381	0.00227	PASS
					VN	8.47378	0.01001	PASS
					VH	1.80343	0.00213	PASS
		10	LCH	TN	VL	-3.06902	-0.00370	PASS
					VN	-4.39645	-0.00530	PASS
					VH	0.76468	0.00092	PASS
			MCH	TN	VL	1.78009	0.00213	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	5.59285	0.00669	PASS
					VH	-0.11273	-0.00013	PASS
			HCH	TN	VL	0.58107	0.00069	PASS
					VN	2.60661	0.00309	PASS
			VH	6.78404	0.00804	PASS		
			1.4	LCH	TN	VL	-8.78564	-0.01065
		VN				6.60558	0.00801	PASS
		VH				10.32096	0.01251	PASS
		MCH		TN	VL	14.87238	0.01778	PASS
					VN	-8.84153	-0.01057	PASS
					VH	9.27705	0.01109	PASS
		HCH	TN	VL	9.48544	0.01118	PASS	
				VN	-10.62305	-0.01252	PASS	
				VH	0.48641	0.00057	PASS	
	3	LCH	TN	VL	-3.42765	-0.00415	PASS	
				VN	8.67356	0.01051	PASS	
				VH	3.57853	0.00433	PASS	
		MCH	TN	VL	3.32227	0.00397	PASS	
				VN	11.81241	0.01412	PASS	
				VH	-4.46244	-0.00533	PASS	
		HCH	TN	VL	-1.38613	-0.00164	PASS	
				VN	4.60511	0.00543	PASS	
				VH	1.90833	0.00225	PASS	
		5	LCH	TN	VL	2.65315	0.00321	PASS
					VN	-1.41726	-0.00171	PASS
					VH	2.95338	0.00357	PASS
	MCH		TN	VL	4.77607	0.00571	PASS	
				VN	5.17243	0.00618	PASS	
				VH	7.13941	0.00853	PASS	
	HCH		TN	VL	4.75050	0.00561	PASS	
				VN	3.75097	0.00443	PASS	
				VH	1.77235	0.00209	PASS	
	10	LCH	TN	VL	-0.36779	-0.00044	PASS	
				VN	2.43547	0.00294	PASS	
				VH	-1.91687	-0.00231	PASS	
		MCH	TN	VL	0.80650	0.00096	PASS	
				VN	9.58517	0.01146	PASS	
				VH	-2.61905	-0.00313	PASS	
		HCH	TN	VL	1.09524	0.00130	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	2.04171	0.00242	PASS
					VH	-0.64844	-0.00077	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
Band5	LTE/TM1	1.4	LCH	VN	-30	4.87737	0.00591	PASS
					-20	3.59922	0.00436	PASS
					-10	-7.90795	-0.00959	PASS
					0	-2.83035	-0.00343	PASS
					10	-8.12461	-0.00985	PASS
					20	0.91795	0.00111	PASS
					30	9.41450	0.01142	PASS
					40	1.20709	0.00146	PASS
					50	-15.64344	-0.01897	PASS
			MCH	VN	-30	-20.93676	-0.02503	PASS
					-20	-21.74240	-0.02599	PASS
					-10	-42.25191	-0.05051	PASS
					0	-11.50485	-0.01375	PASS
					10	-13.47913	-0.01611	PASS
					20	-17.05588	-0.02039	PASS
					30	-4.10341	-0.00491	PASS
					40	-21.03285	-0.02514	PASS
					50	-13.09487	-0.01565	PASS
		HCH	VN	-30	6.64773	0.00784	PASS	
				-20	-21.35054	-0.02517	PASS	
				-10	-19.45863	-0.02294	PASS	
				0	4.93291	0.00582	PASS	
				10	9.22258	0.01087	PASS	
				20	-4.44748	-0.00524	PASS	
				30	-18.62515	-0.02196	PASS	
				40	-28.27693	-0.03333	PASS	
				50	11.70244	0.01380	PASS	
		3	LCH	VN	-30	-2.02522	-0.00245	PASS
-20	7.33068				0.00888	PASS		
-10	3.50873				0.00425	PASS		
0	1.63154				0.00198	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					10	-0.03289	-0.00004	PASS			
					20	2.76458	0.00335	PASS			
					30	-6.36996	-0.00772	PASS			
					40	2.06630	0.00250	PASS			
					50	3.60515	0.00437	PASS			
			MCH	VN				-30	7.78051	0.00930	PASS
								-20	-0.68490	-0.00082	PASS
								-10	16.53146	0.01976	PASS
								0	2.20747	0.00264	PASS
								10	-9.78676	-0.01170	PASS
								20	0.34478	0.00041	PASS
								30	-1.15852	-0.00138	PASS
								40	6.26764	0.00749	PASS
								50	1.83834	0.00220	PASS
								HCH	VN		
		-20	4.32845	0.00511	PASS						
		-10	-4.39100	-0.00518	PASS						
		0	3.69212	0.00436	PASS						
		10	-0.50090	-0.00059	PASS						
		20	1.15658	0.00136	PASS						
		30	5.05110	0.00596	PASS						
		40	-12.15684	-0.01434	PASS						
		5			LCH	VN	-30	4.36431	0.00528	PASS	
							-20	2.45791	0.00297	PASS	
							-10	-0.97742	-0.00118	PASS	
							0	10.24274	0.01239	PASS	
							10	0.55193	0.00067	PASS	
							20	1.10414	0.00134	PASS	
							30	-0.22693	-0.00027	PASS	
							40	4.65383	0.00563	PASS	
							50	8.18501	0.00990	PASS	
					MCH	VN				-30	4.55774
-20	2.80231									0.00335	PASS
-10	0.52639									0.00063	PASS
0	-0.03734									-0.00004	PASS
10	6.18268									0.00739	PASS
20	3.71720									0.00444	PASS
30	1.09924									0.00131	PASS
40	1.15703									0.00138	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
			HCH	VN	50	5.35667	0.00640	PASS			
					-30	2.69962	0.00319	PASS			
					-20	-3.47229	-0.00410	PASS			
					-10	2.81807	0.00333	PASS			
					0	-1.12693	-0.00133	PASS			
					10	-8.28103	-0.00978	PASS			
					20	8.47378	0.01001	PASS			
					30	4.97512	0.00588	PASS			
					40	4.73300	0.00559	PASS			
			50	4.17257	0.00493	PASS					
			LCH	VN		LCH	VN	-30	-0.77460	-0.00093	PASS
								-20	1.20123	0.00145	PASS
								-10	3.17475	0.00383	PASS
								0	0.84262	0.00102	PASS
								10	-1.04941	-0.00127	PASS
								20	-4.39645	-0.00530	PASS
								30	5.74195	0.00693	PASS
								40	1.55104	0.00187	PASS
		50						-0.09112	-0.00011	PASS	
		MCH	VN			MCH	VN	-30	2.90707	0.00348	PASS
								-20	3.86798	0.00462	PASS
								-10	-4.25253	-0.00508	PASS
								0	-1.00079	-0.00120	PASS
								10	5.62674	0.00673	PASS
								20	5.59285	0.00669	PASS
								30	-1.28577	-0.00154	PASS
								40	-2.03813	-0.00244	PASS
								50	1.24136	0.00148	PASS
		HCH	VN			HCH	VN	-30	-5.41406	-0.00641	PASS
								-20	0.81246	0.00096	PASS
								-10	-1.15491	-0.00137	PASS
								0	-0.14403	-0.00017	PASS
								10	2.43608	0.00289	PASS
								20	2.60661	0.00309	PASS
								30	-0.09370	-0.00011	PASS
								40	4.48161	0.00531	PASS
								50	-2.09912	-0.00249	PASS
		LTE/TM2	1.4	LCH		VN	-30	5.50382	0.00667	PASS	
							-20	-13.35434	-0.01619	PASS	
							-10	6.26287	0.00759	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-8.90224	-0.01079	PASS
					10	10.94607	0.01327	PASS
					20	6.60558	0.00801	PASS
					30	-4.72372	-0.00573	PASS
					40	4.56814	0.00554	PASS
					50	-11.65883	-0.01414	PASS
			MCH	VN	-30	-15.72416	-0.01880	PASS
					-20	-17.70444	-0.02116	PASS
					-10	-28.97960	-0.03464	PASS
					0	-15.77287	-0.01886	PASS
					10	-0.30896	-0.00037	PASS
					20	-8.84153	-0.01057	PASS
					30	-10.15896	-0.01214	PASS
					40	-12.78922	-0.01529	PASS
			HCH	VN	50	-9.90459	-0.01184	PASS
					-30	3.74337	0.00441	PASS
					-20	-4.72637	-0.00557	PASS
					-10	-22.73967	-0.02681	PASS
					0	3.68047	0.00434	PASS
					10	12.26705	0.01446	PASS
					20	-10.62305	-0.01252	PASS
					30	64.53445	0.07608	PASS
			LCH	VN	40	-8.46955	-0.00998	PASS
					50	5.24597	0.00618	PASS
					-30	2.45454	0.00297	PASS
					-20	5.23494	0.00634	PASS
					-10	4.84192	0.00587	PASS
					0	3.36709	0.00408	PASS
					10	-1.42699	-0.00173	PASS
					20	8.67356	0.01051	PASS
					30	-9.88210	-0.01197	PASS
					40	-3.76084	-0.00456	PASS
			MCH	VN	50	6.89320	0.00835	PASS
					-30	6.48343	0.00775	PASS
					-20	5.66867	0.00678	PASS
					-10	10.61951	0.01270	PASS
					0	11.85327	0.01417	PASS
					10	-3.32675	-0.00398	PASS
					20	11.81241	0.01412	PASS
			30	-2.78111	-0.00332	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	VN	40	-3.38246	-0.00404	PASS
					50	-4.85195	-0.00580	PASS
					-30	-1.49364	-0.00176	PASS
					-20	-8.86685	-0.01046	PASS
					-10	-2.12342	-0.00251	PASS
					0	11.85451	0.01399	PASS
					10	-1.59980	-0.00189	PASS
					20	4.60511	0.00543	PASS
					30	7.81765	0.00922	PASS
					40	1.93619	0.00228	PASS
					50	4.10753	0.00485	PASS
					-30	-3.52147	-0.00426	PASS
					-20	-0.70219	-0.00085	PASS
					-10	6.62836	0.00802	PASS
					0	2.63988	0.00319	PASS
		10	-3.47848	-0.00421	PASS			
		20	-1.41726	-0.00171	PASS			
		30	-0.92030	-0.00111	PASS			
		40	1.47246	0.00178	PASS			
		50	5.73708	0.00694	PASS			
		-30	-1.91154	-0.00229	PASS			
		-20	-0.09836	-0.00012	PASS			
		-10	3.80835	0.00455	PASS			
		0	6.84670	0.00818	PASS			
		10	8.63409	0.01032	PASS			
		20	5.17243	0.00618	PASS			
		30	0.72423	0.00087	PASS			
		40	-6.47855	-0.00774	PASS			
		50	4.70908	0.00563	PASS			
		-30	-0.35138	-0.00042	PASS			
-20	2.47717	0.00293	PASS					
-10	2.93937	0.00347	PASS					
0	5.79038	0.00684	PASS					
10	1.18687	0.00140	PASS					
20	3.75097	0.00443	PASS					
30	-1.55548	-0.00184	PASS					
40	-0.82158	-0.00097	PASS					
50	3.94415	0.00466	PASS					
10	LCH	VN	-30	-1.18192	-0.00143	PASS		
-20			0.08430	0.00010	PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	1.86759	0.00225	PASS
					0	-0.08836	-0.00011	PASS
					10	-0.29936	-0.00036	PASS
					20	2.43547	0.00294	PASS
					30	-2.95118	-0.00356	PASS
					40	2.92615	0.00353	PASS
					50	4.18444	0.00505	PASS
			MCH	VN	-30	-1.99549	-0.00239	PASS
					-20	1.39238	0.00166	PASS
					-10	0.40836	0.00049	PASS
					0	-5.58935	-0.00668	PASS
					10	-0.64107	-0.00077	PASS
					20	9.58517	0.01146	PASS
					30	-2.91532	-0.00349	PASS
					40	-8.11869	-0.00971	PASS
			HCH	VN	-30	5.05426	0.00599	PASS
					-20	-1.94179	-0.00230	PASS
					-10	-3.09408	-0.00367	PASS
					0	-0.10721	-0.00013	PASS
					10	4.90824	0.00582	PASS
					20	2.04171	0.00242	PASS
					30	1.23126	0.00146	PASS
					40	2.34037	0.00277	PASS
			50	-0.52168	-0.00062	PASS		

END