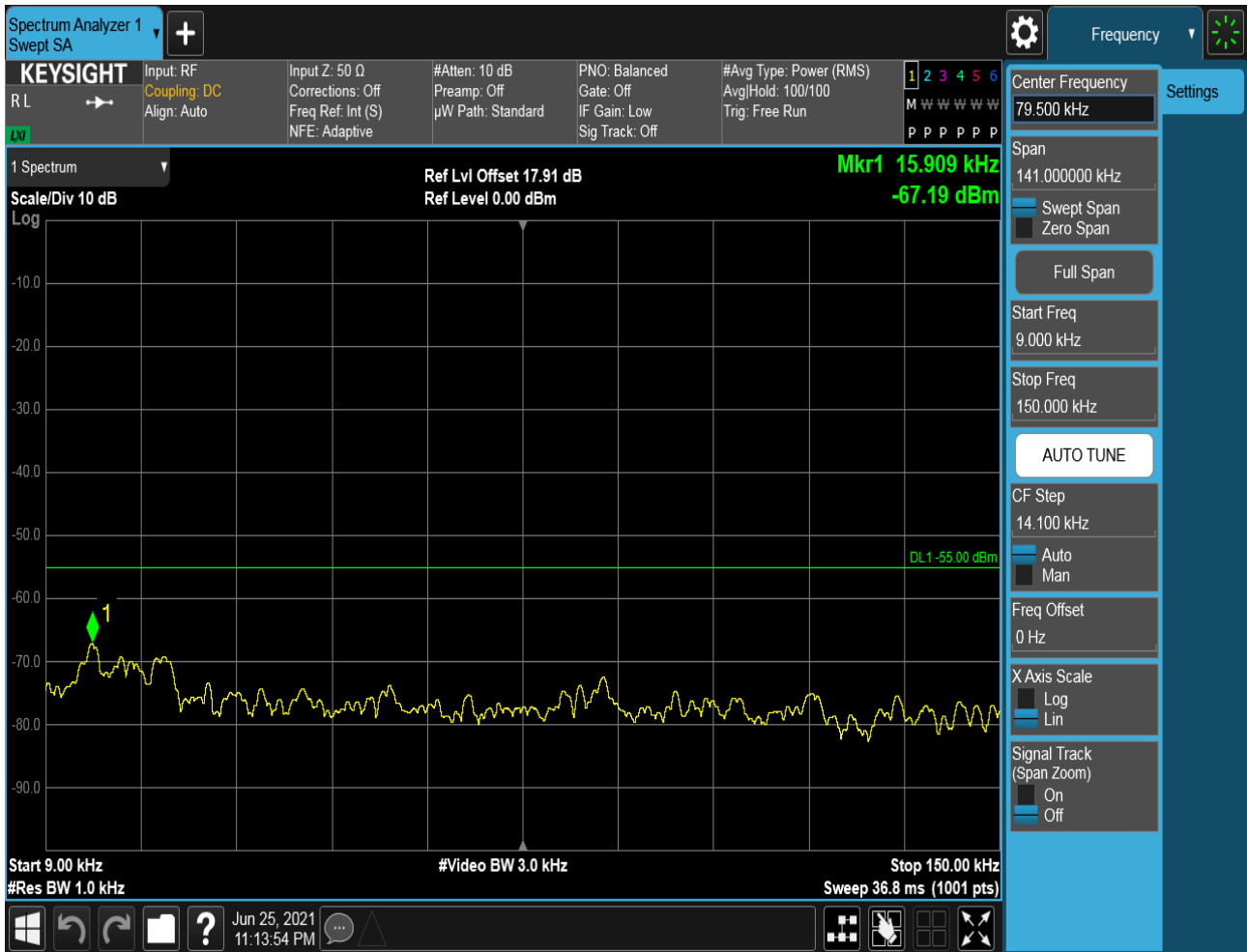
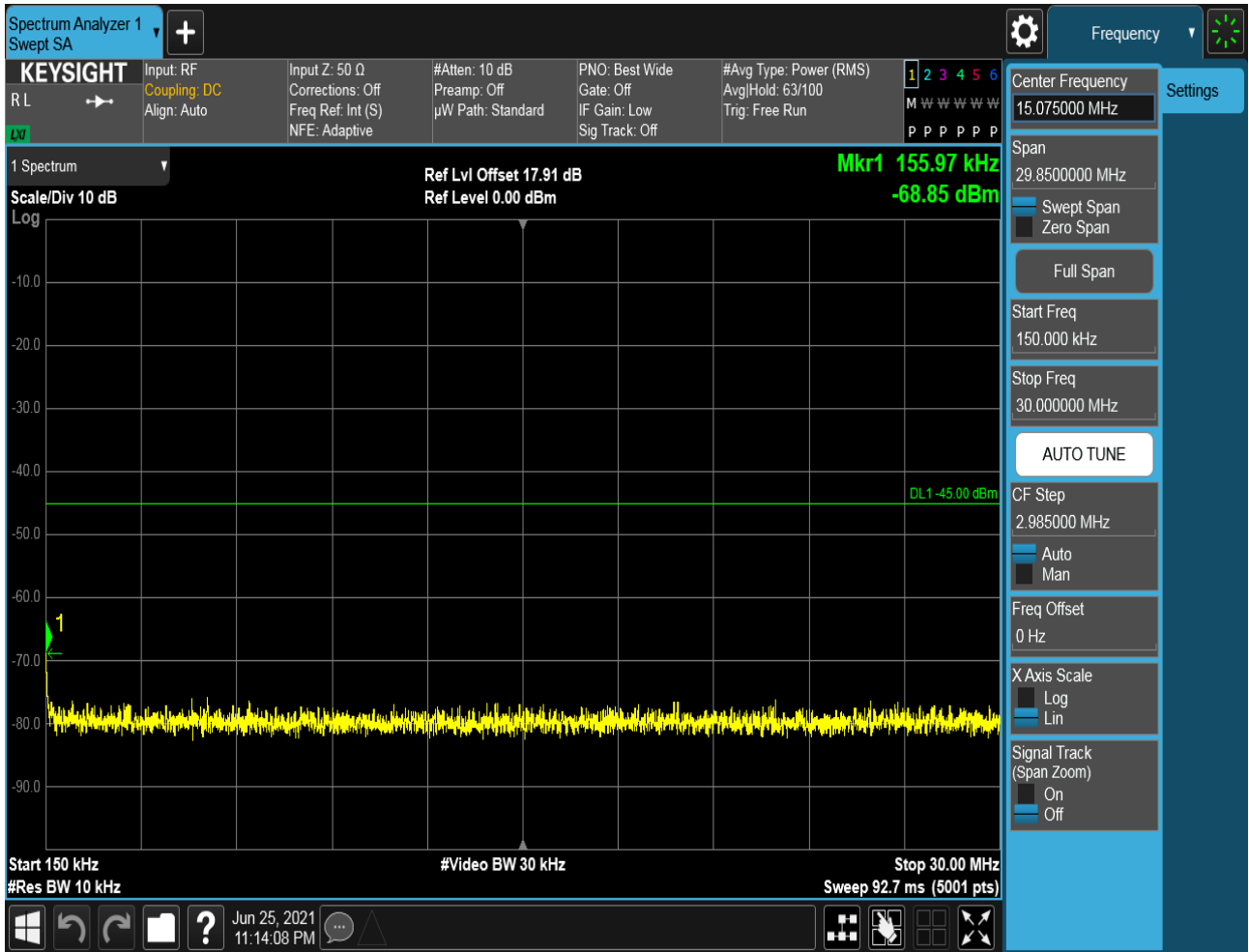


6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0

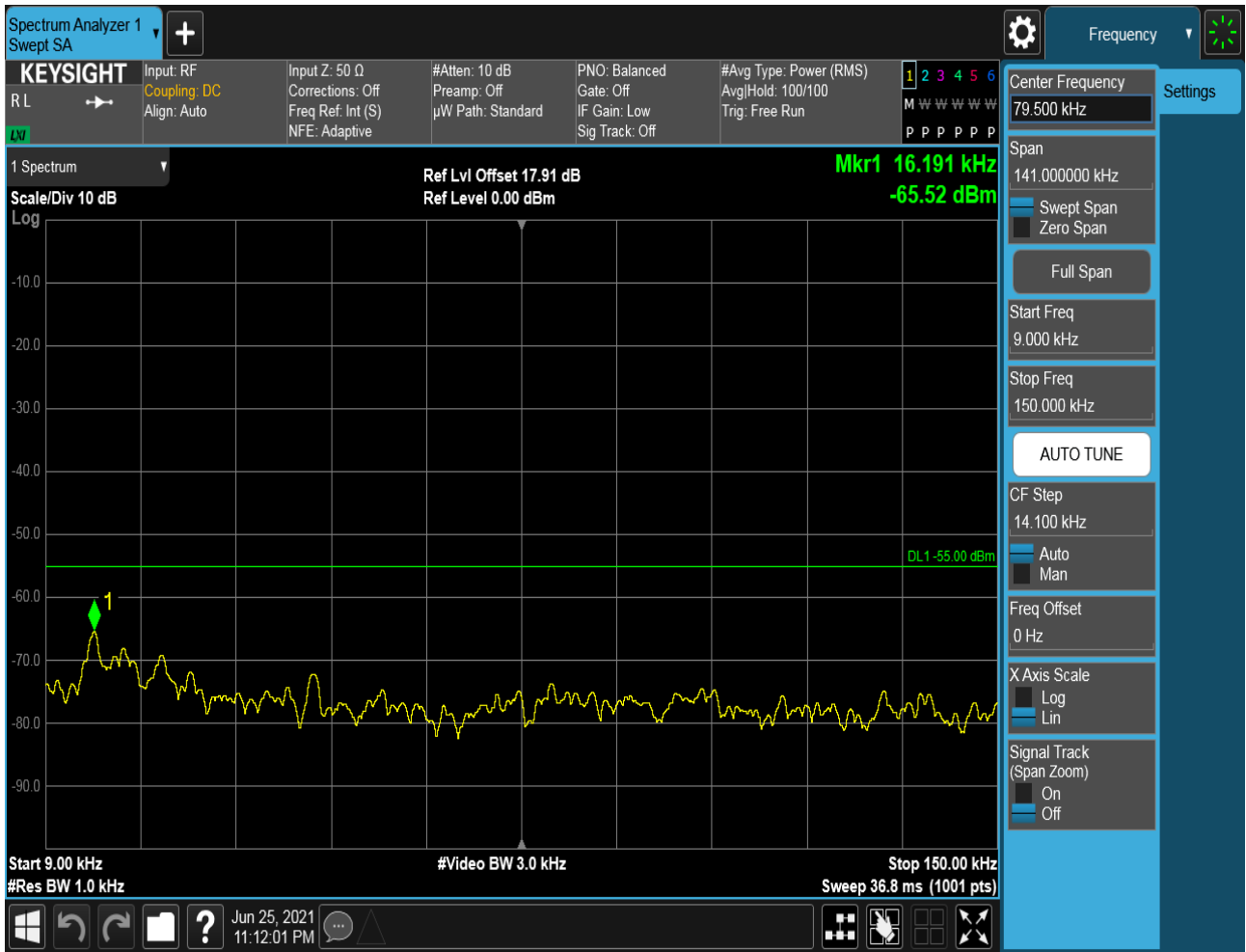


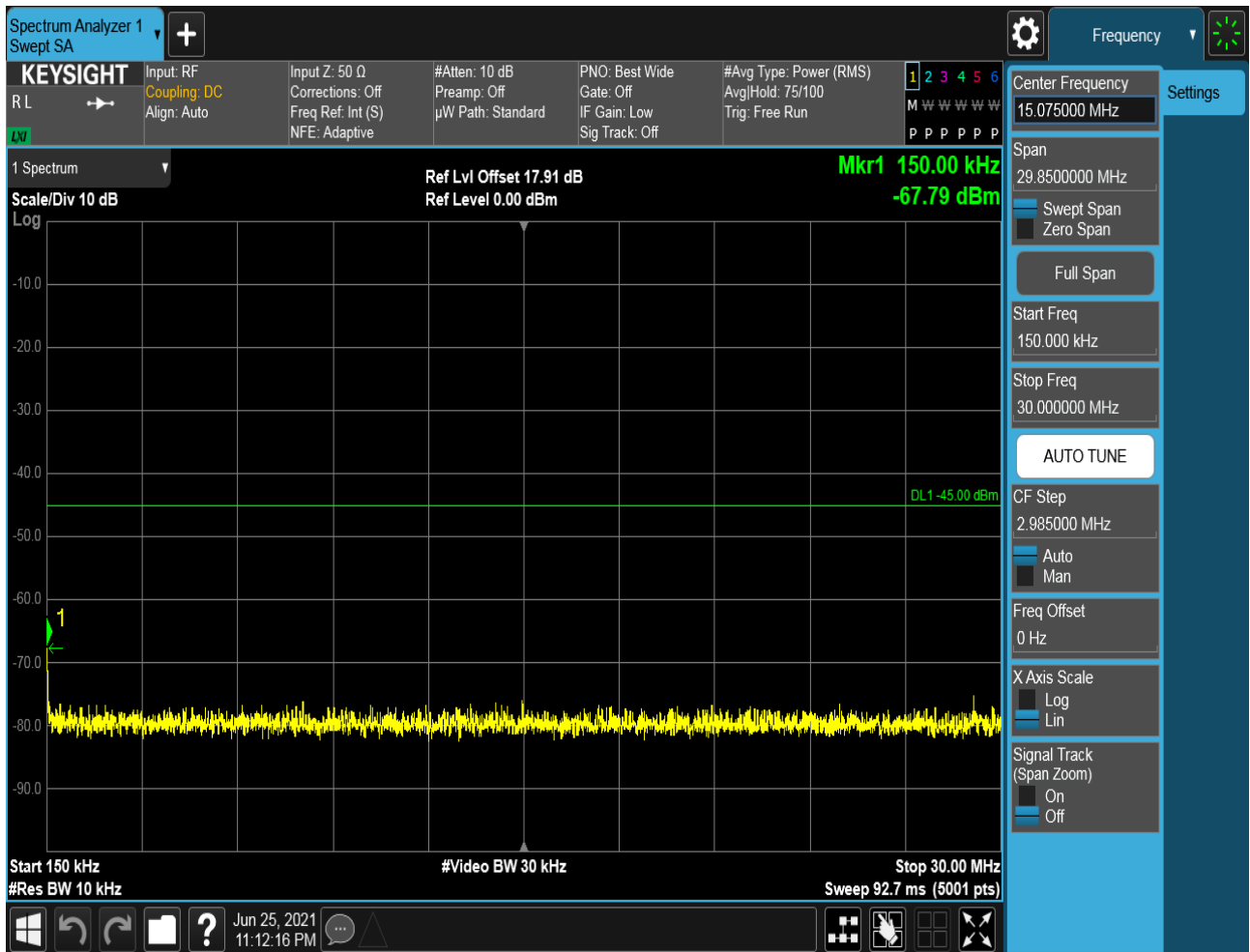


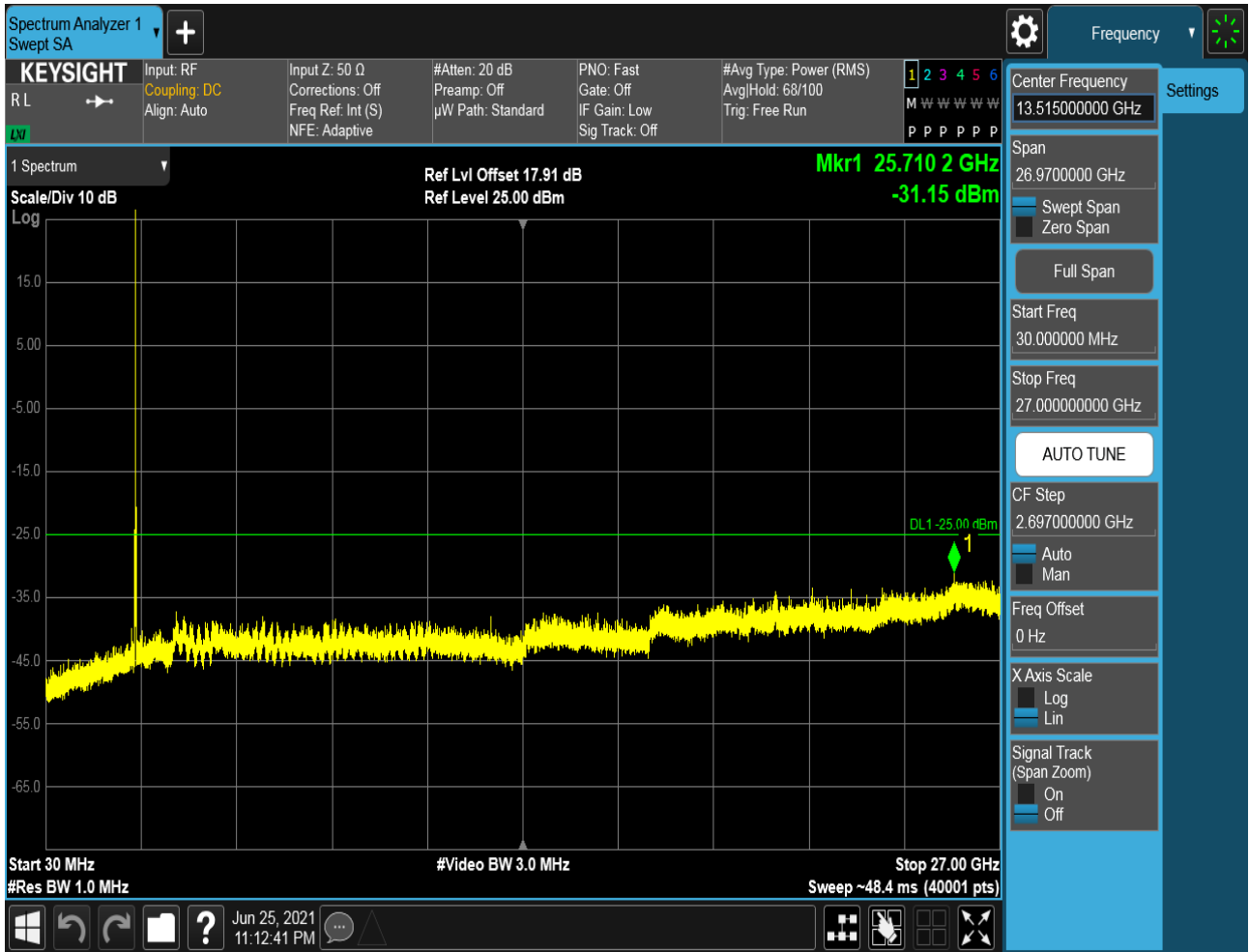


6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0



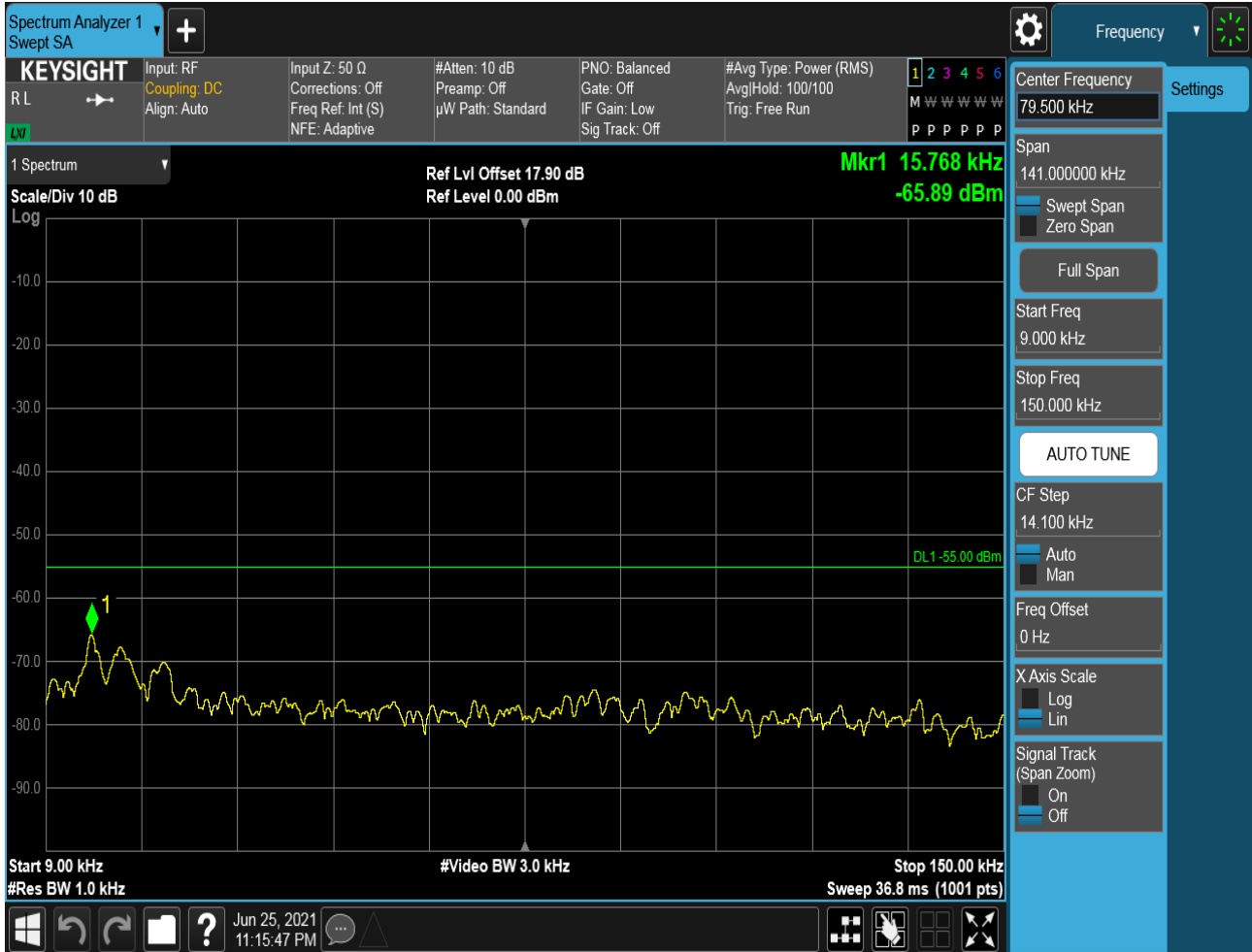


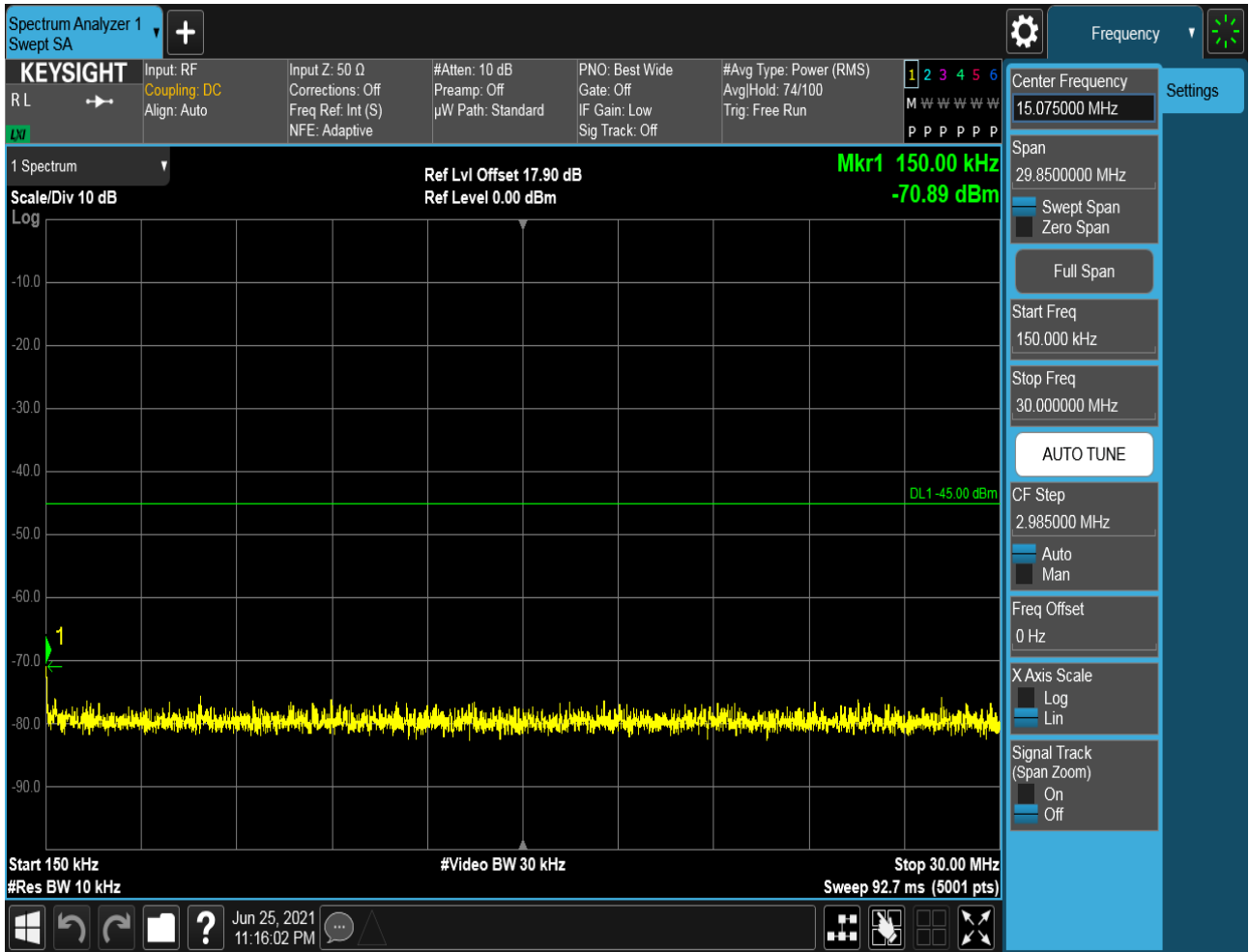


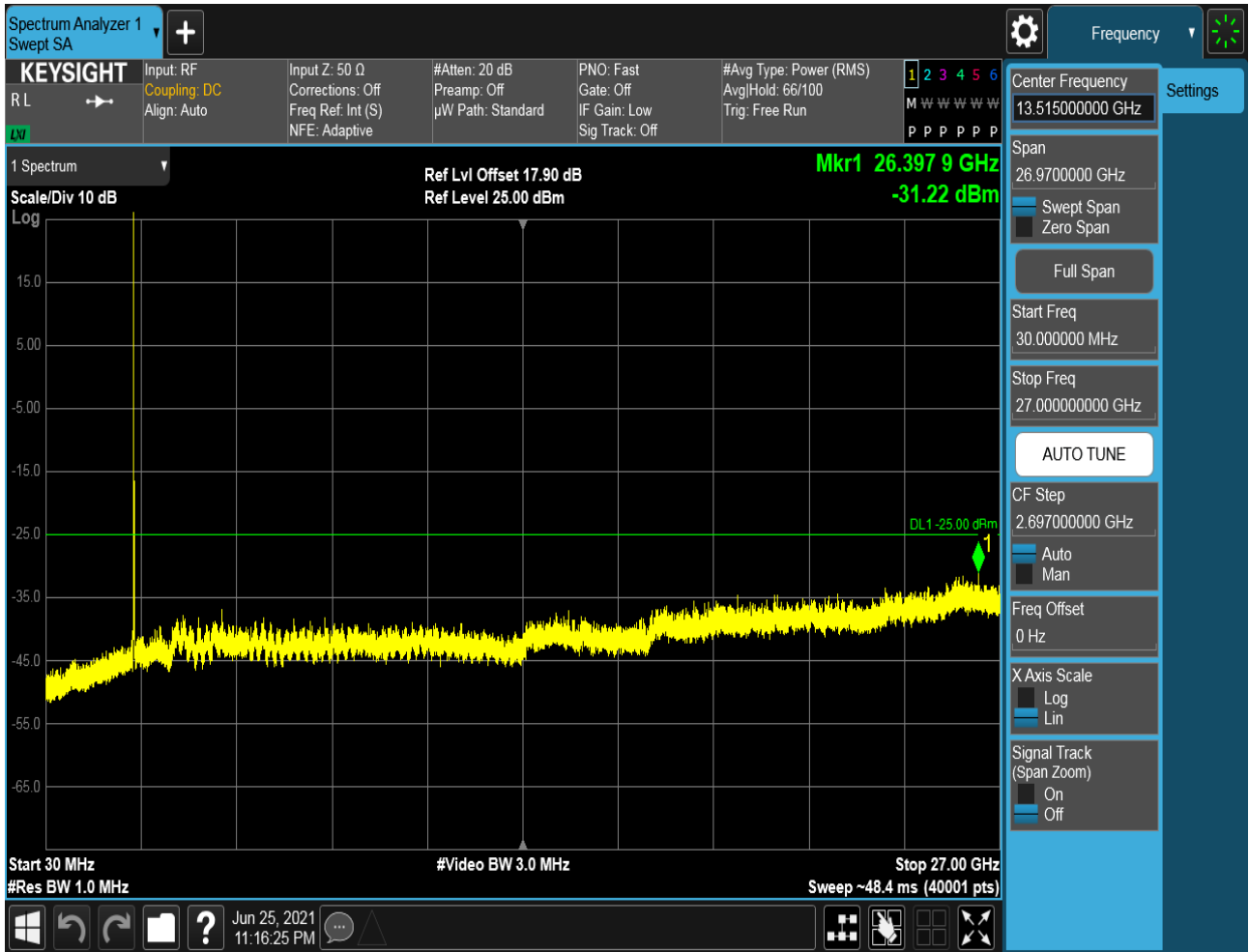
6.2.1.1.4 Test Bandwidth = 20MHz

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0





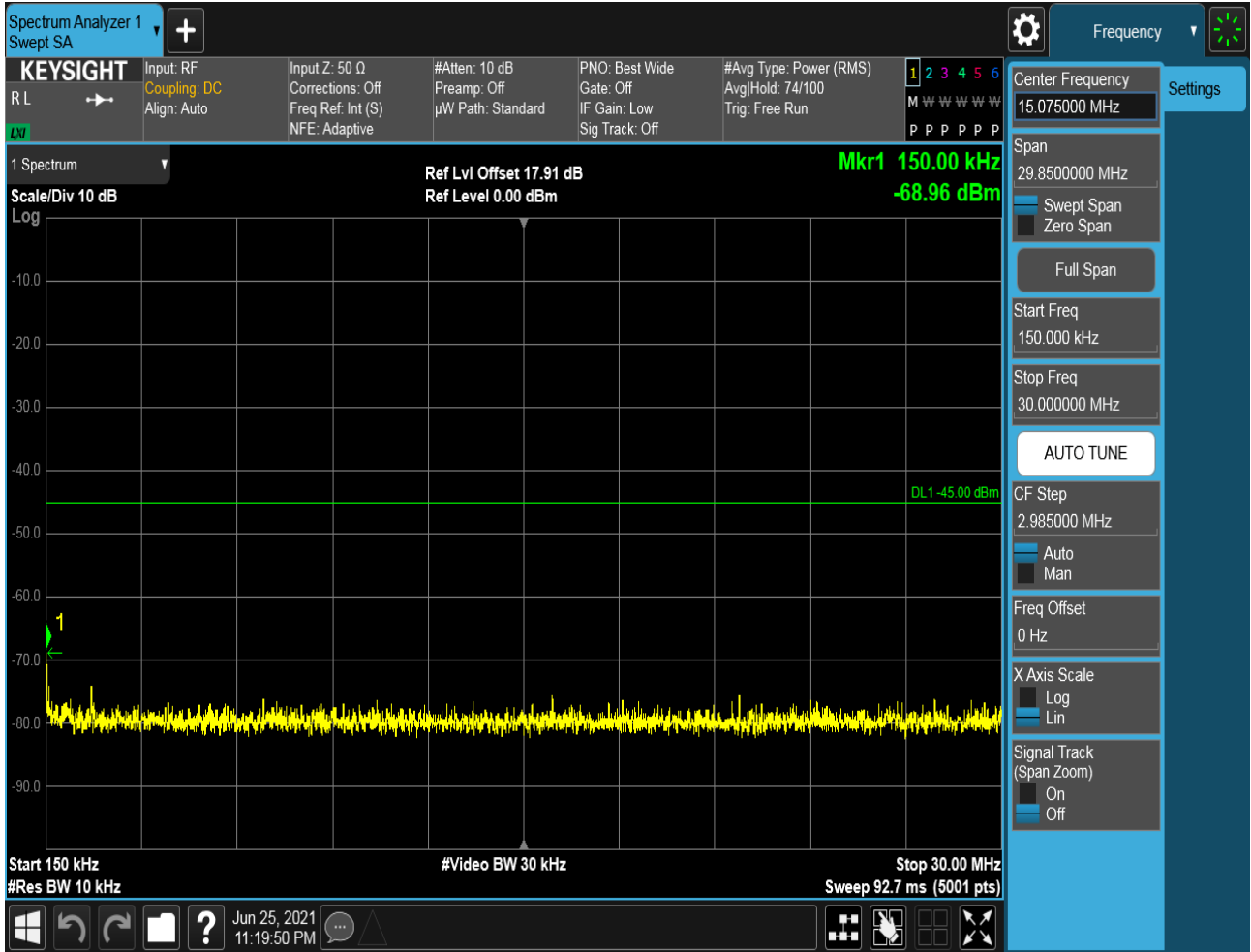


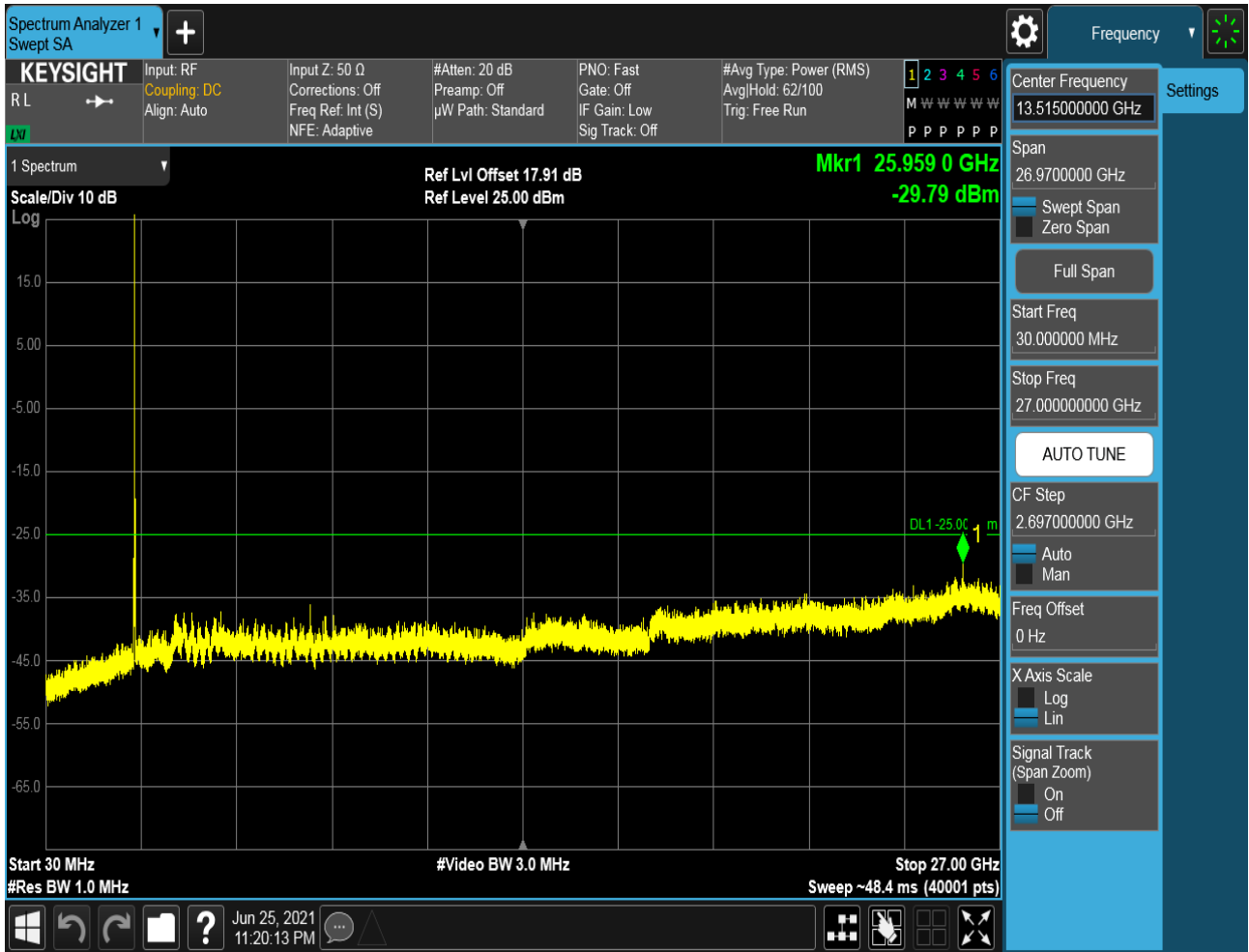


6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0



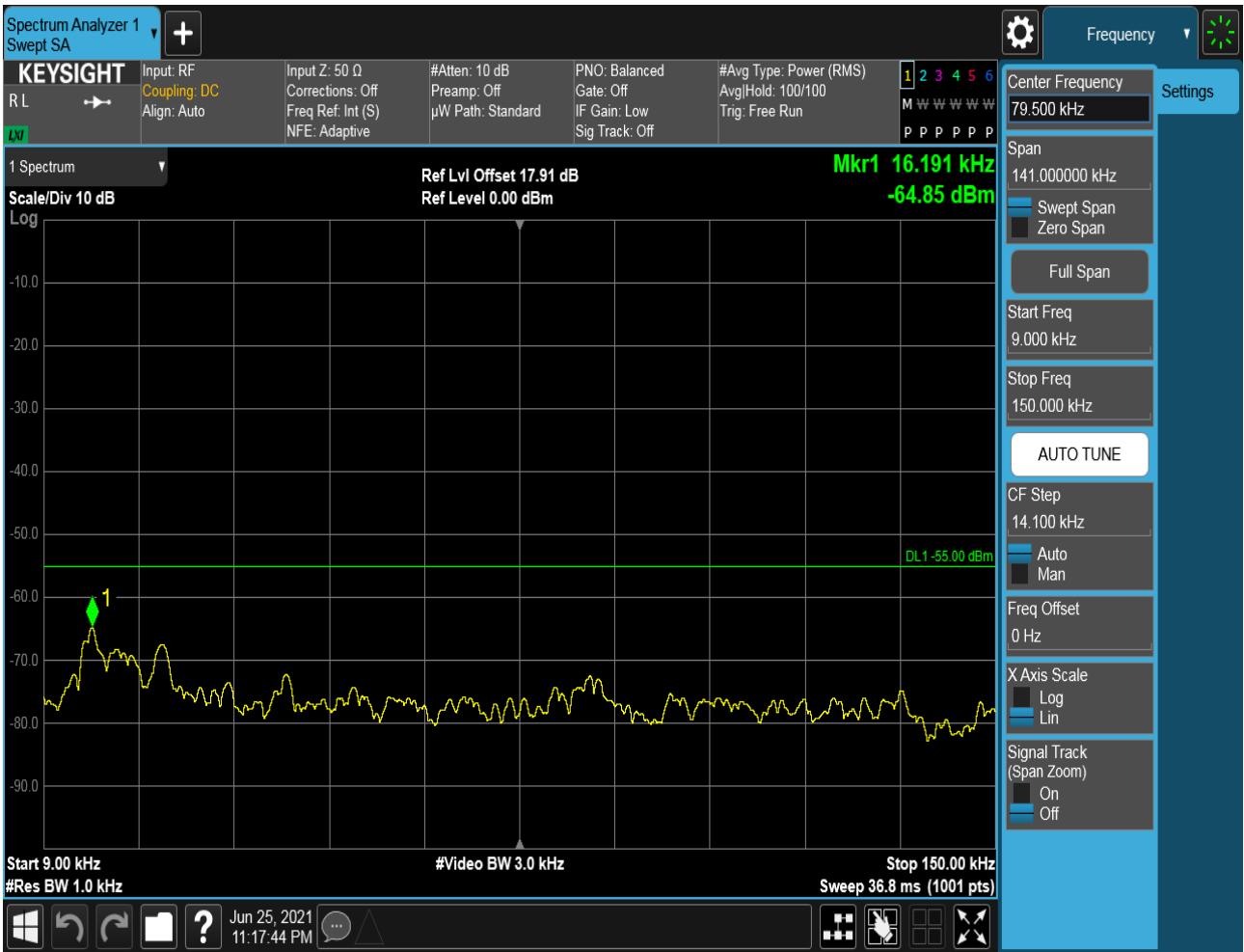


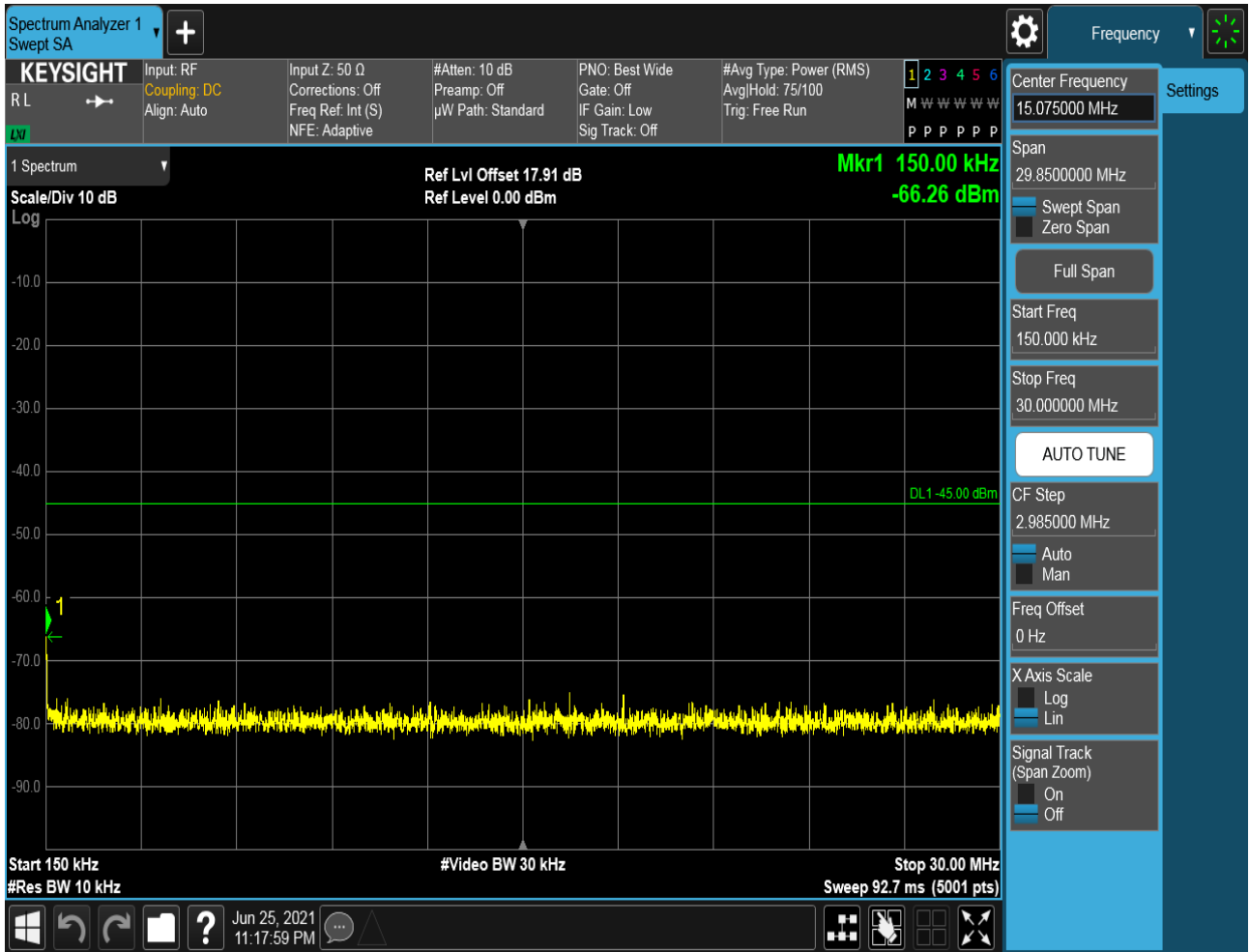


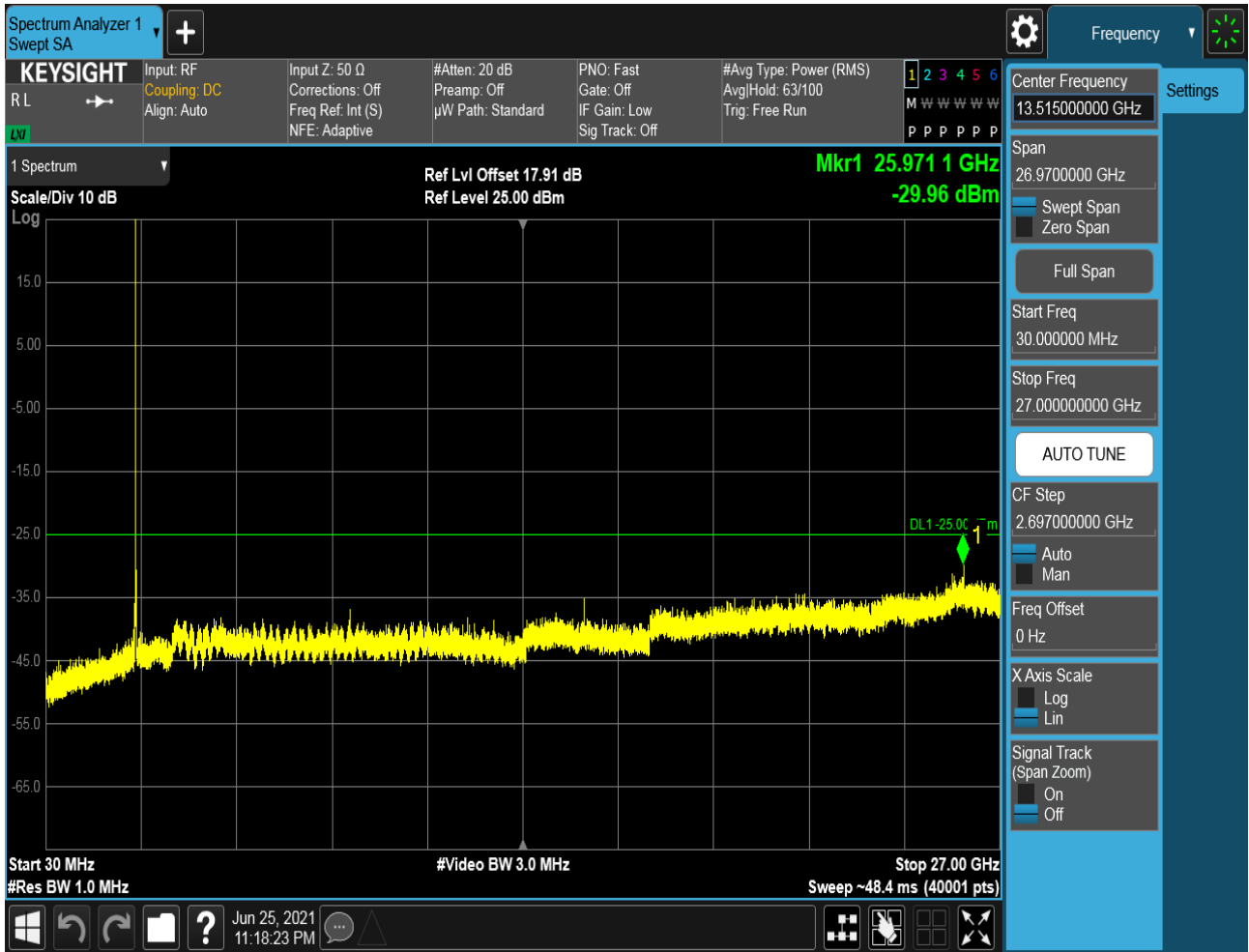


6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0







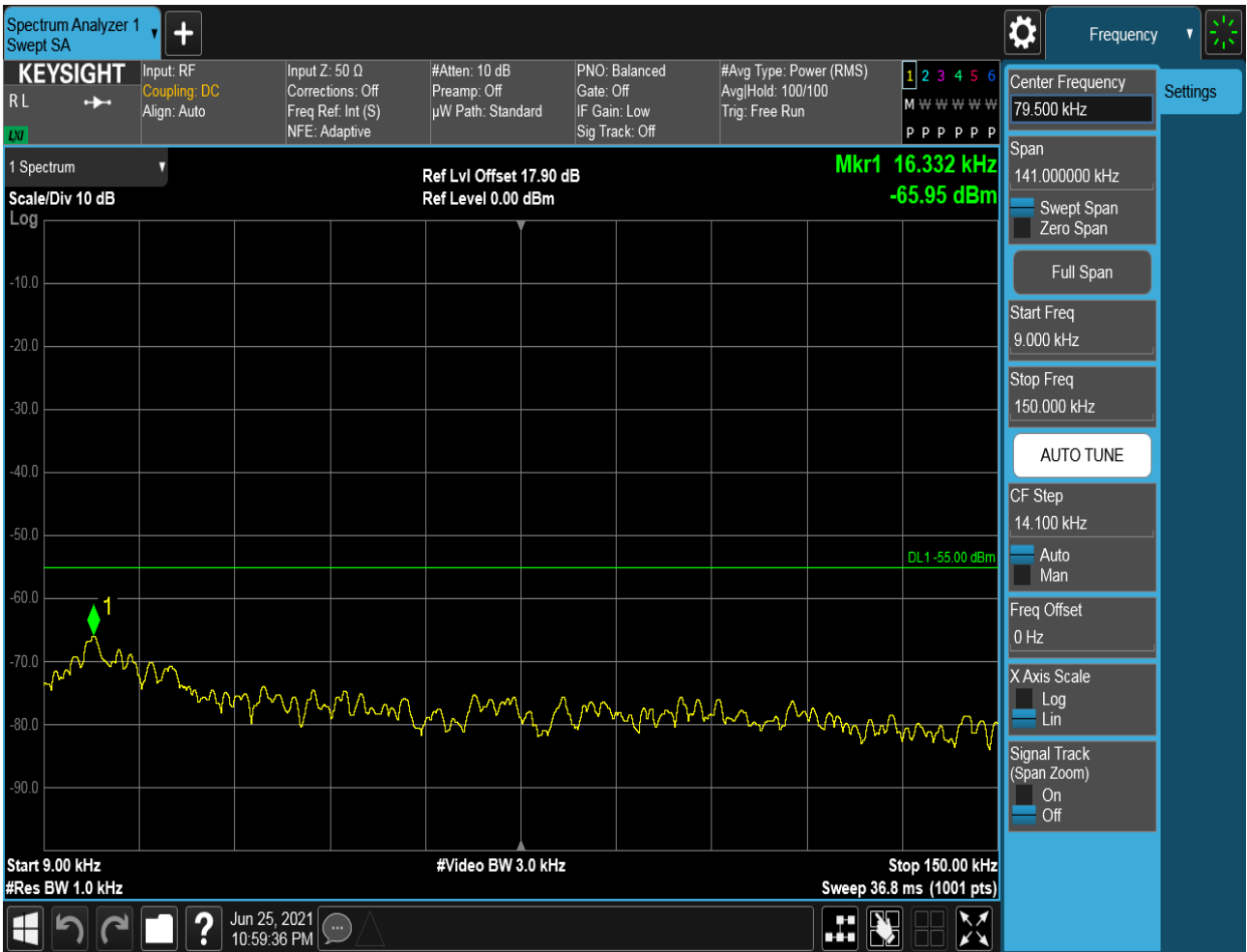


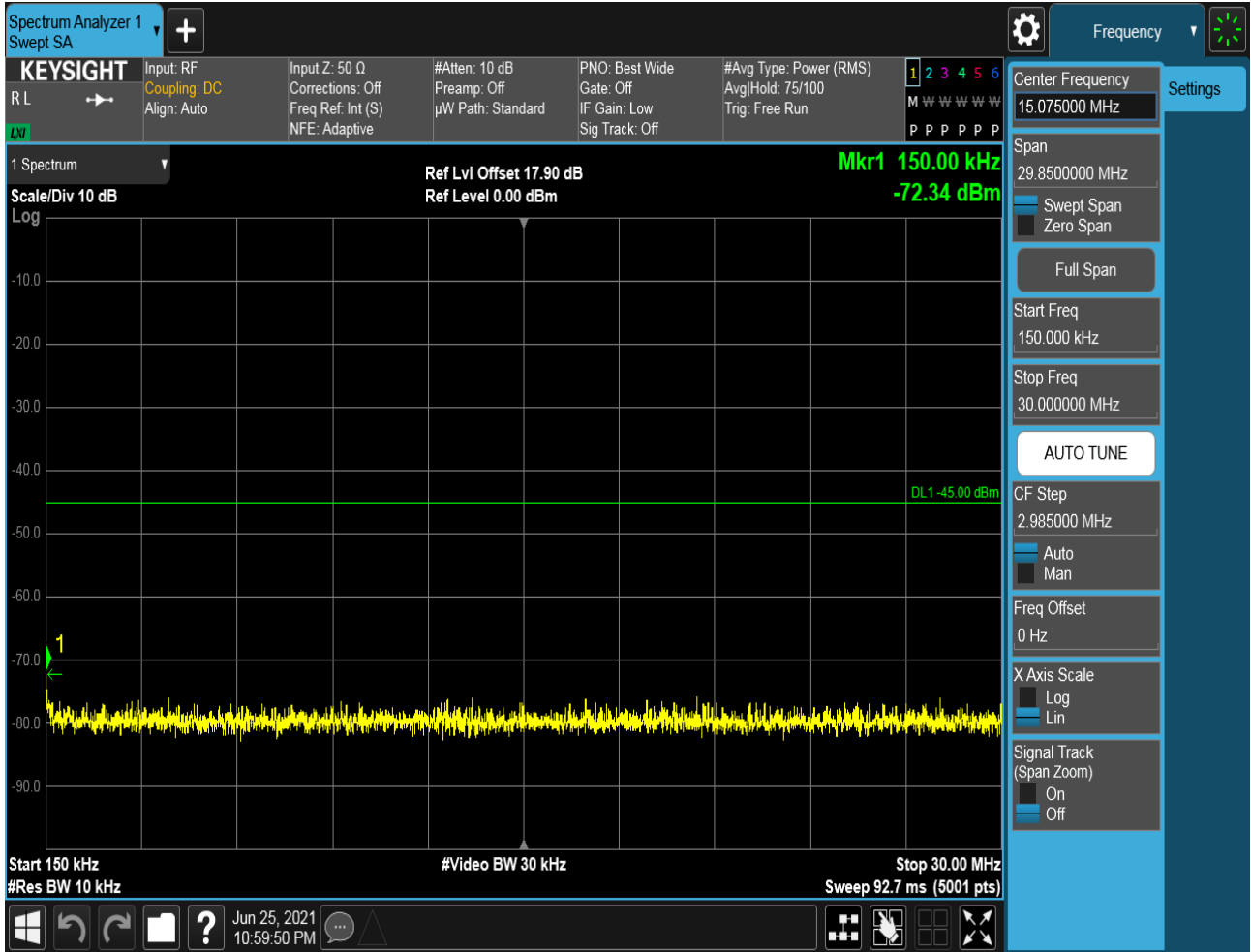
6.2.1.2 Test Mode = LTE/TM2

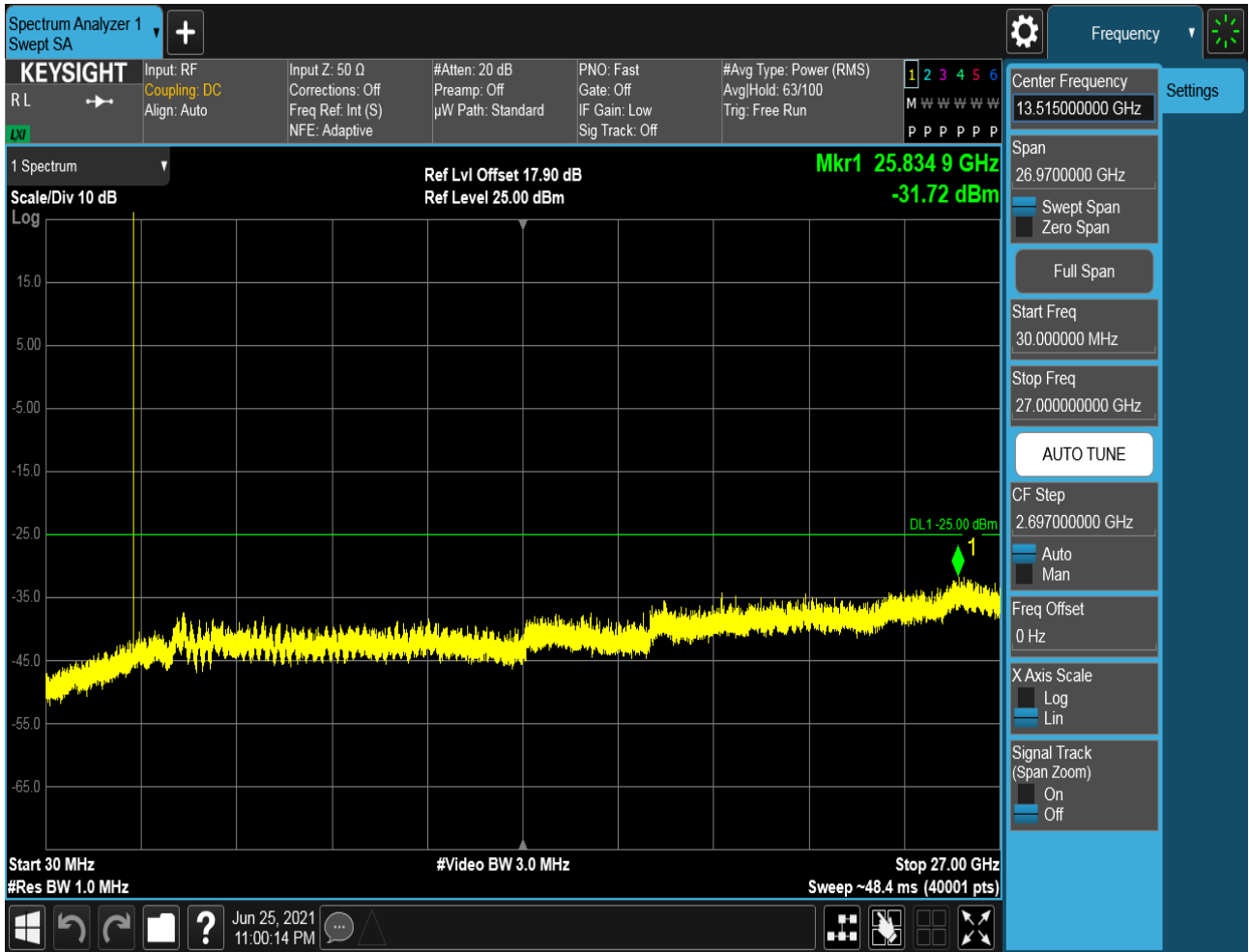
6.2.1.2.1 Test Bandwidth = 5MHz

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0



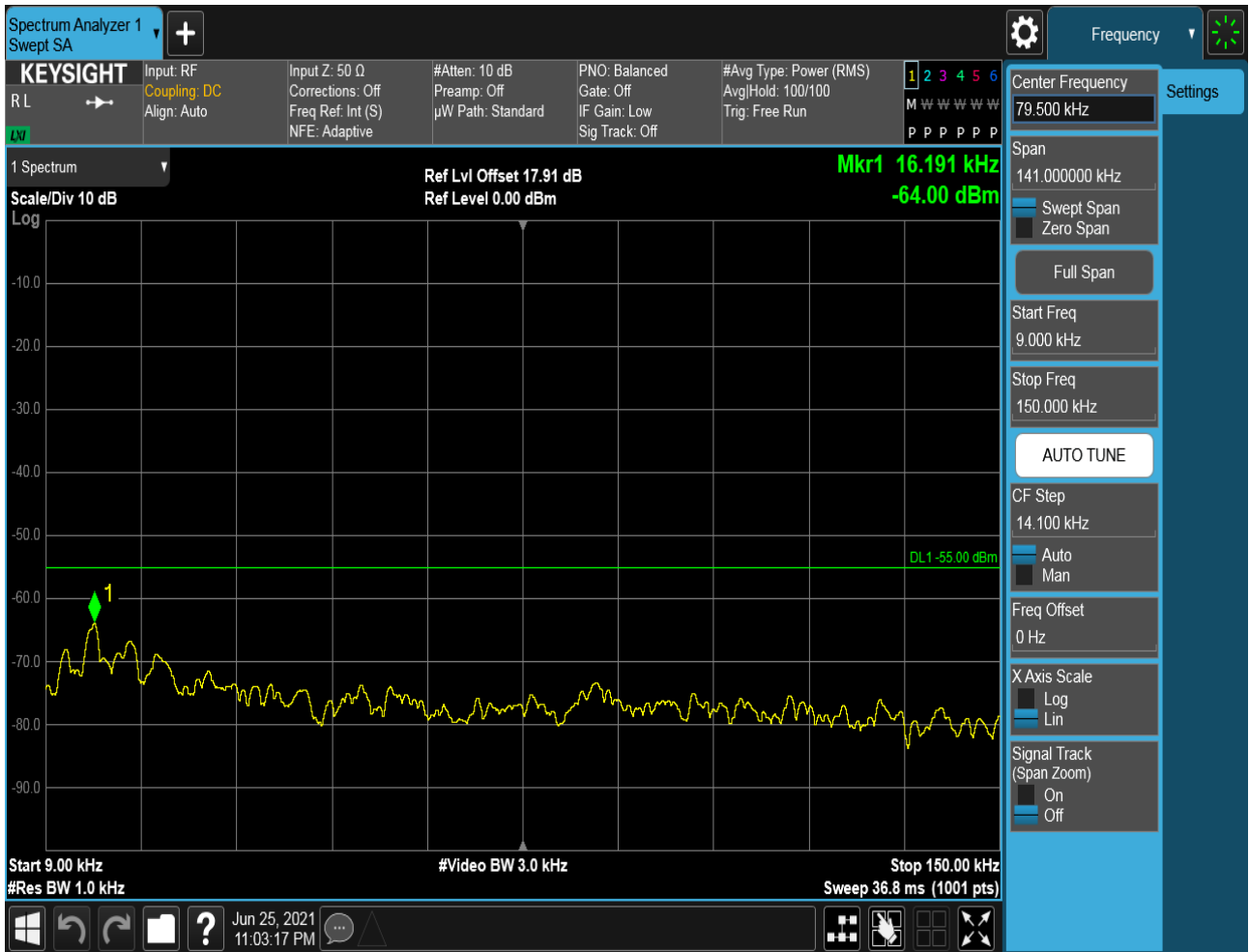


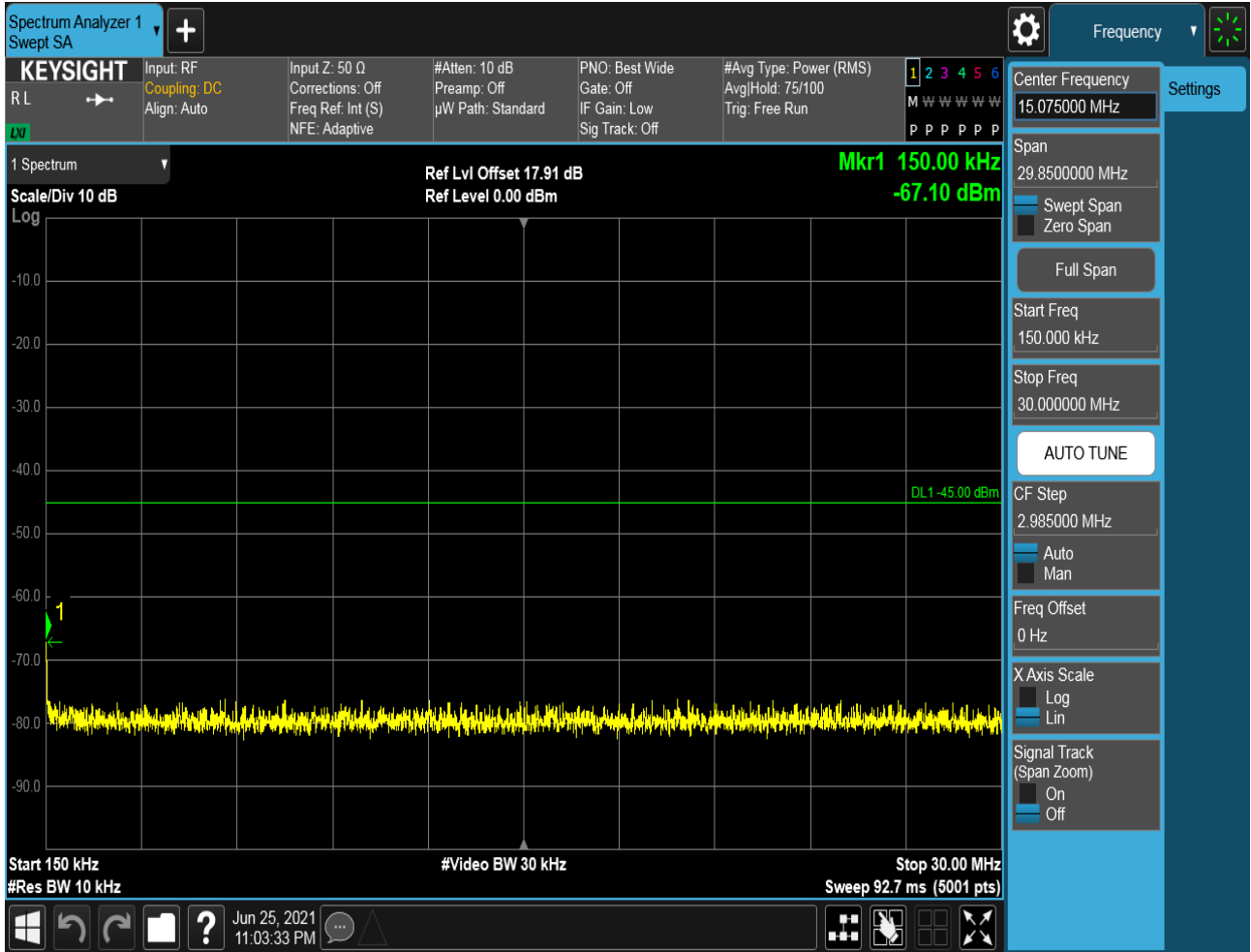


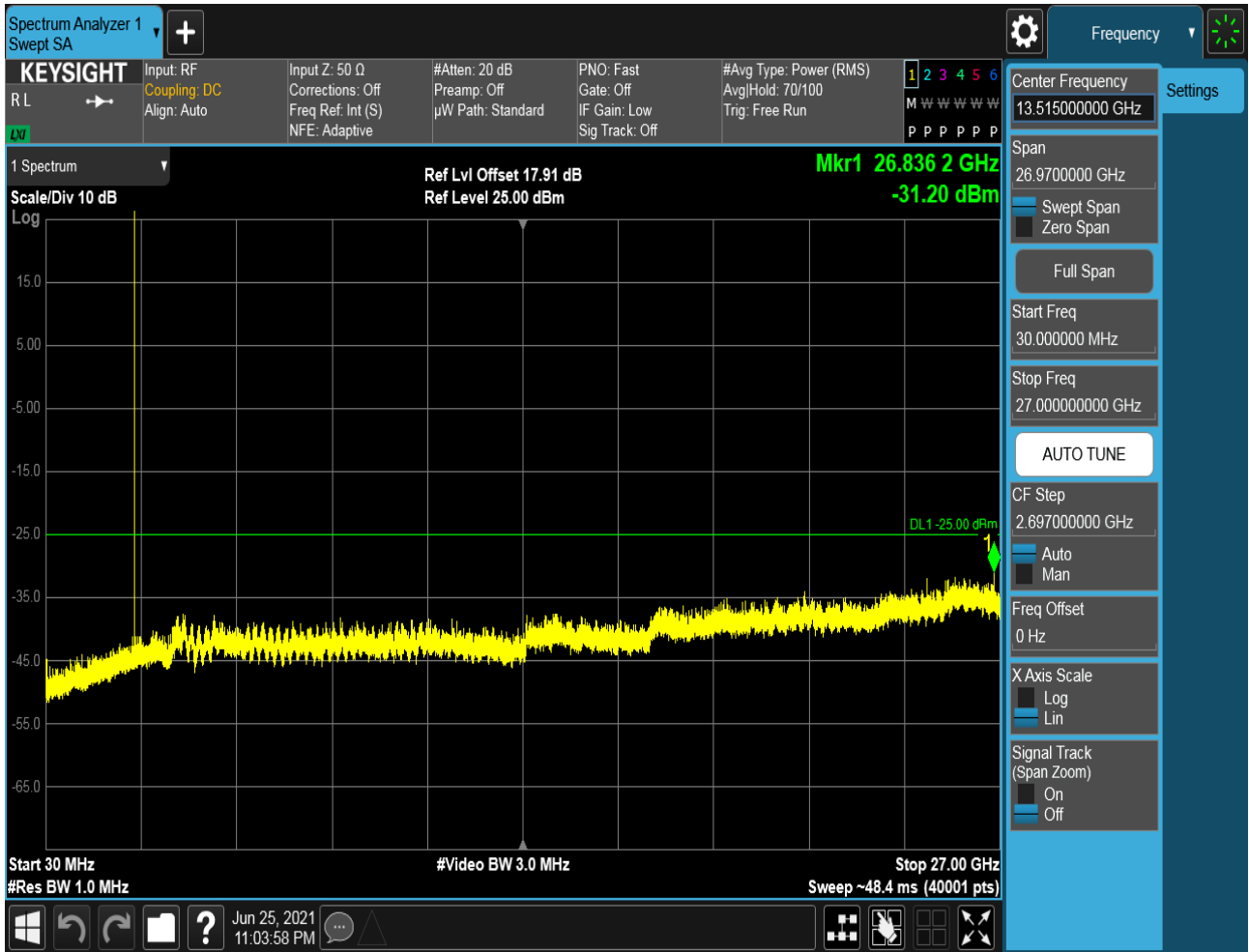


6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0





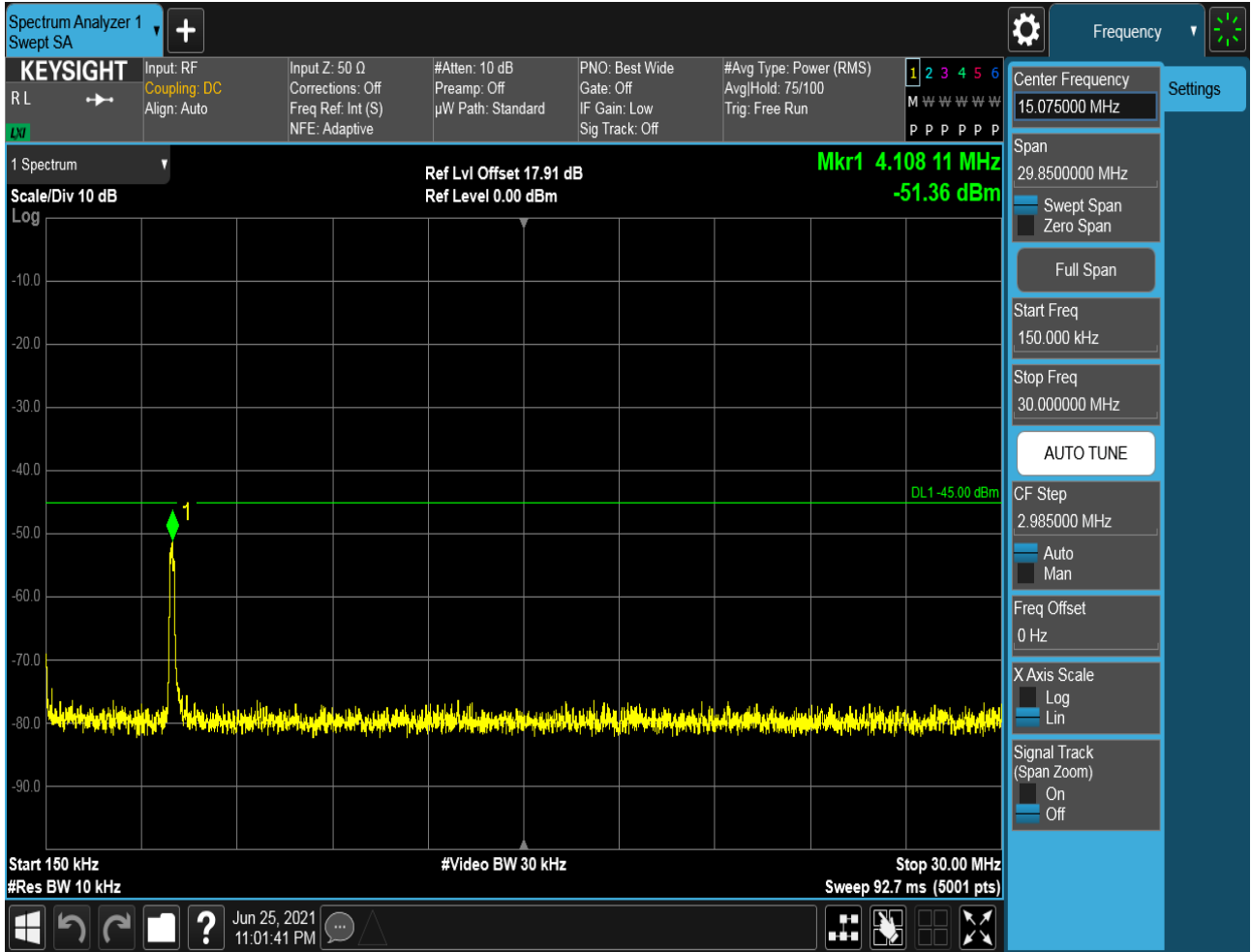


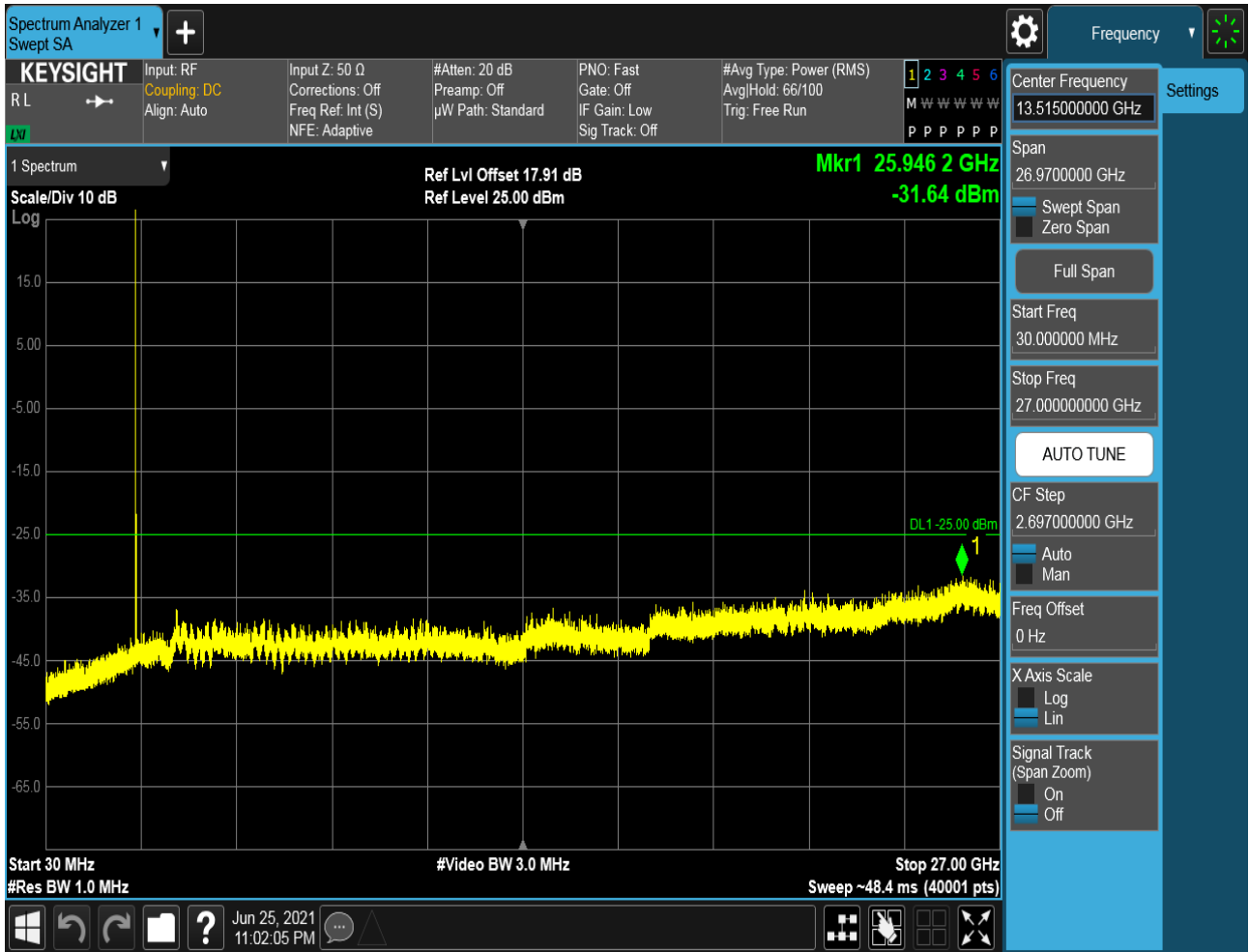


6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0





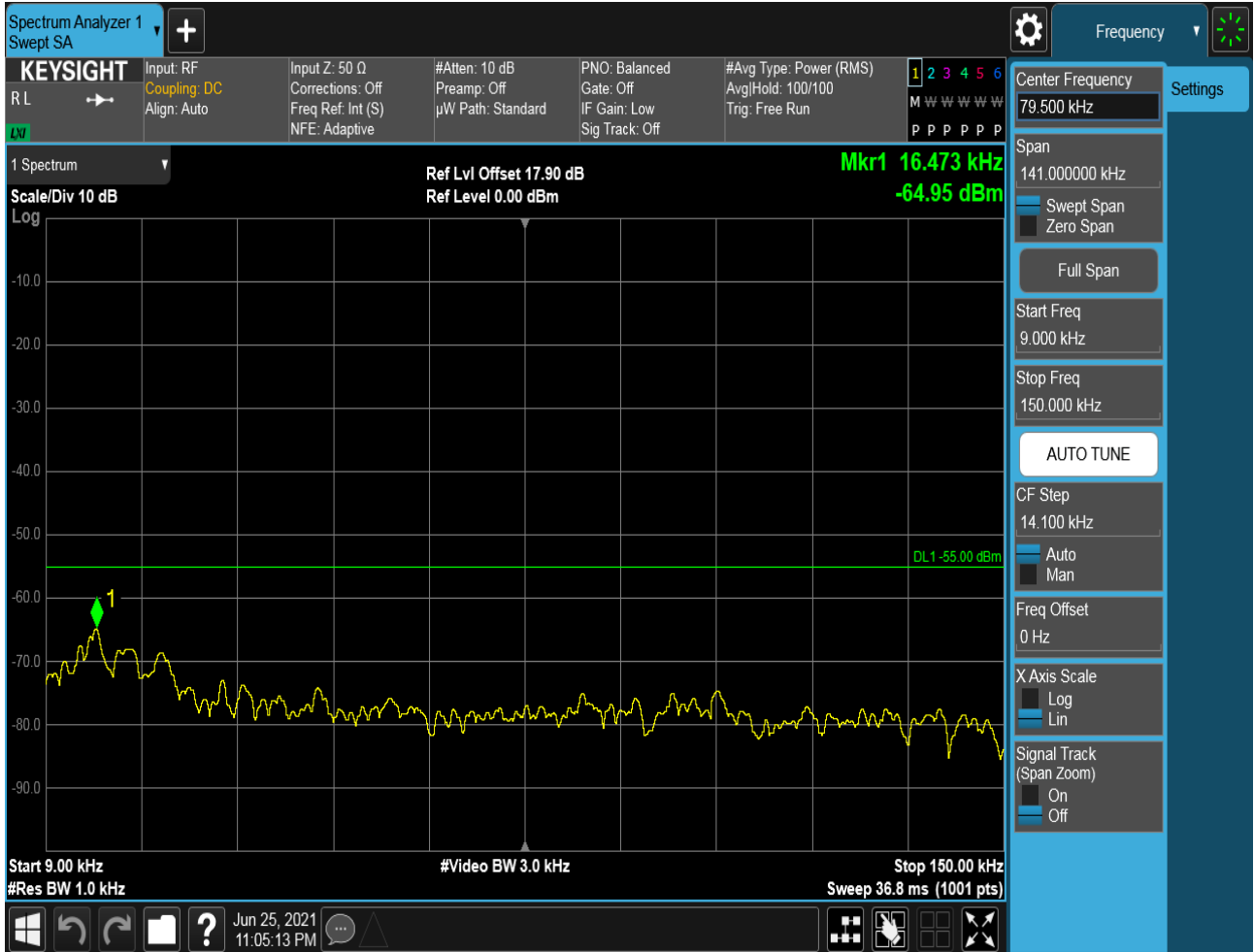


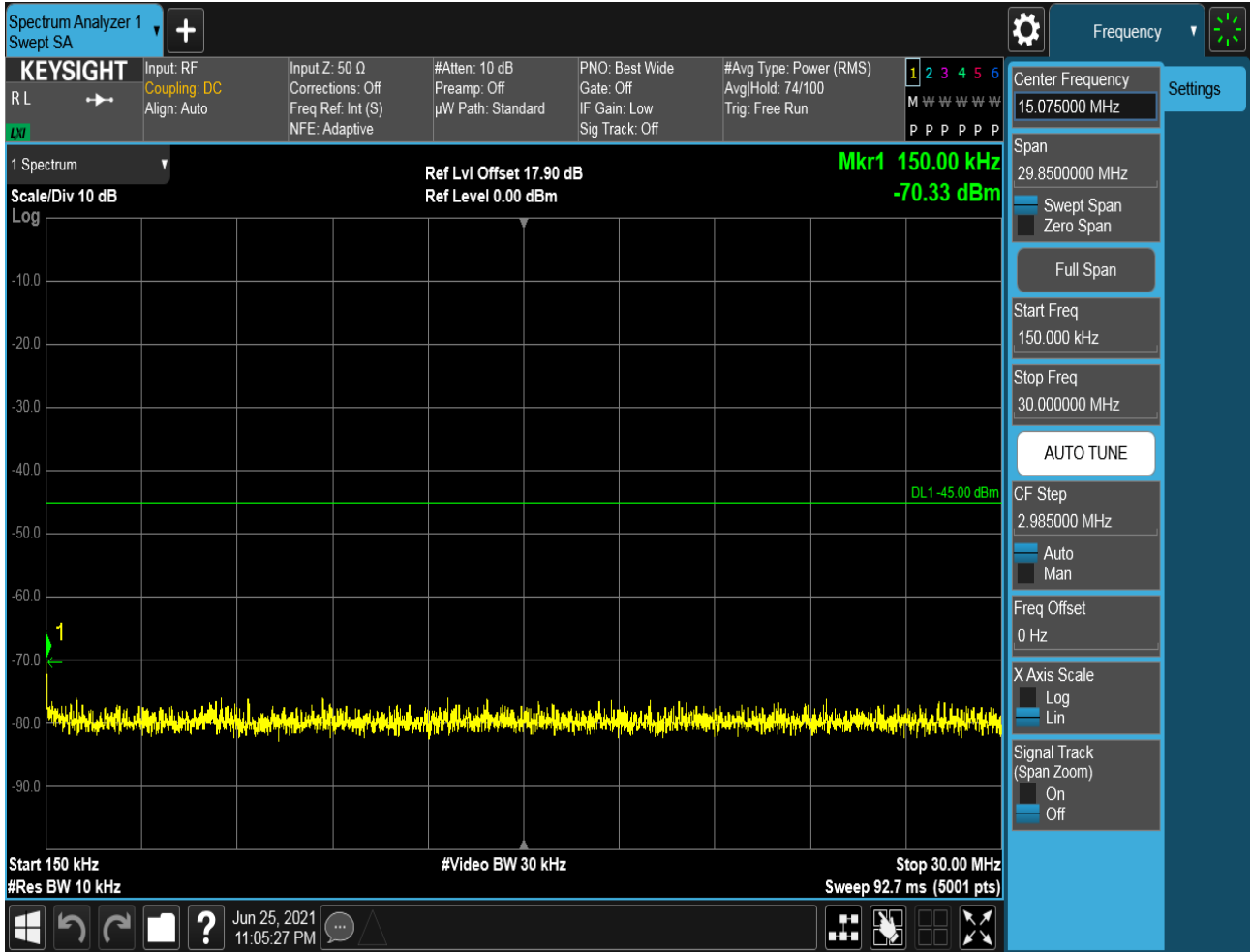


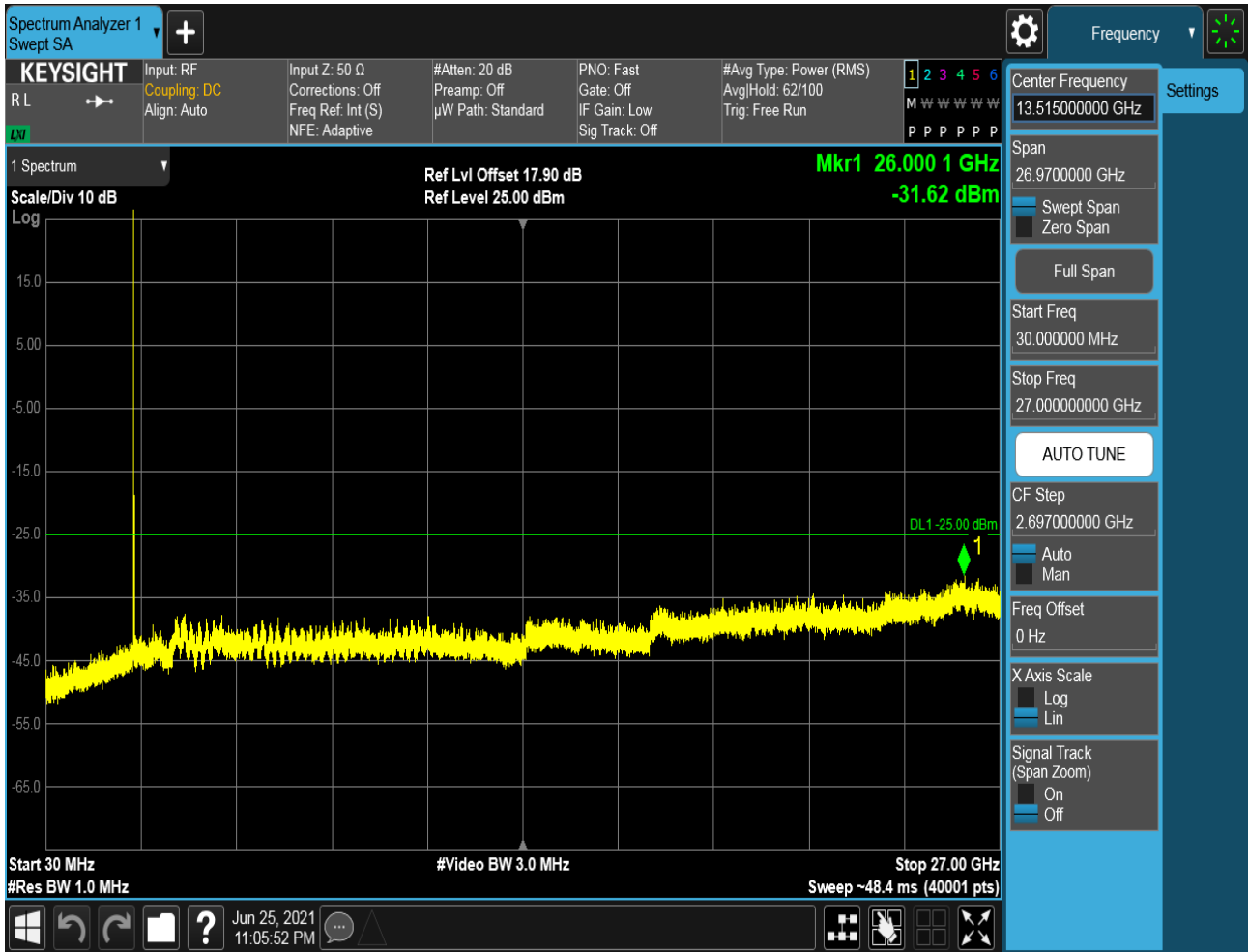
6.2.1.2.2 Test Bandwidth = 10MHz

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0





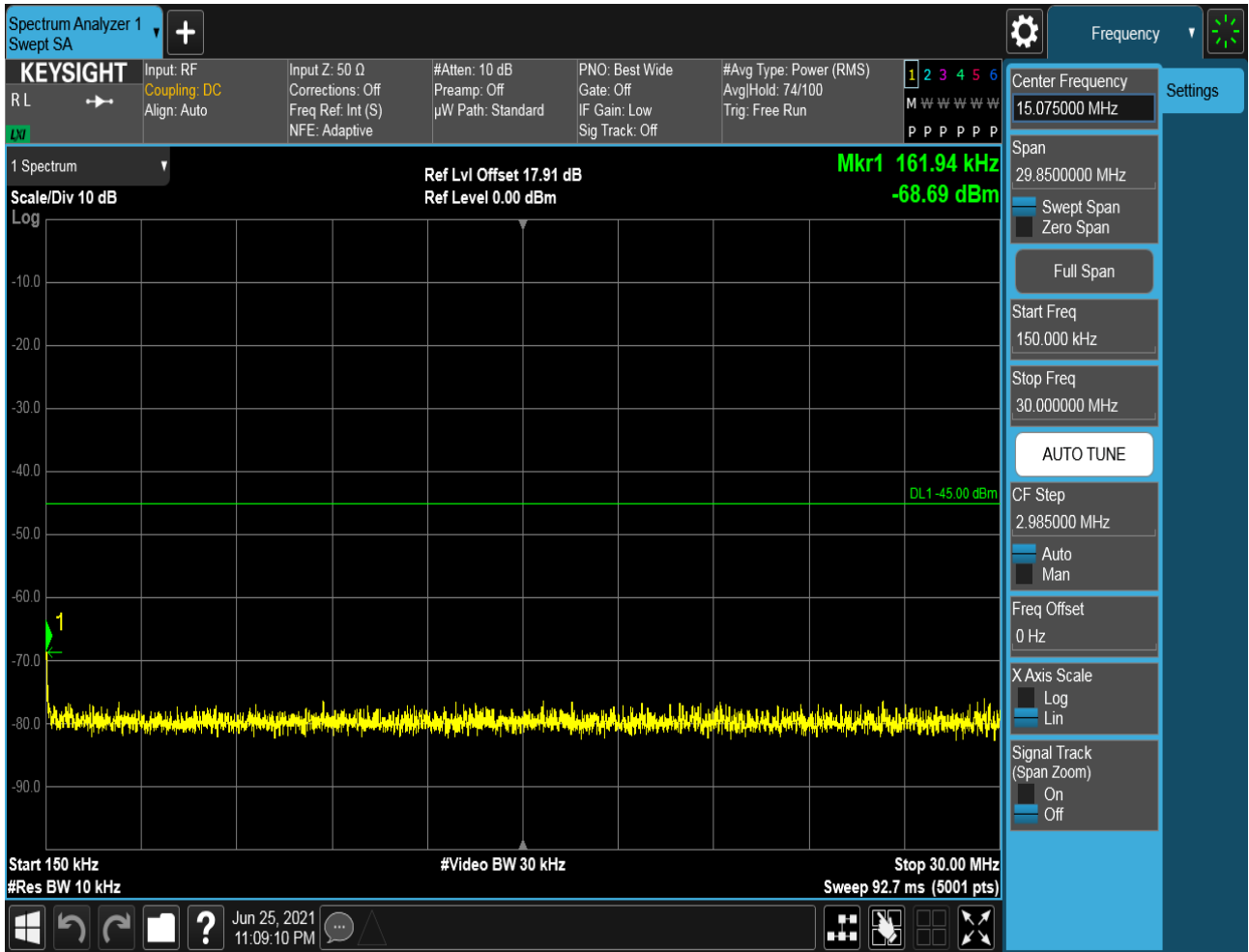


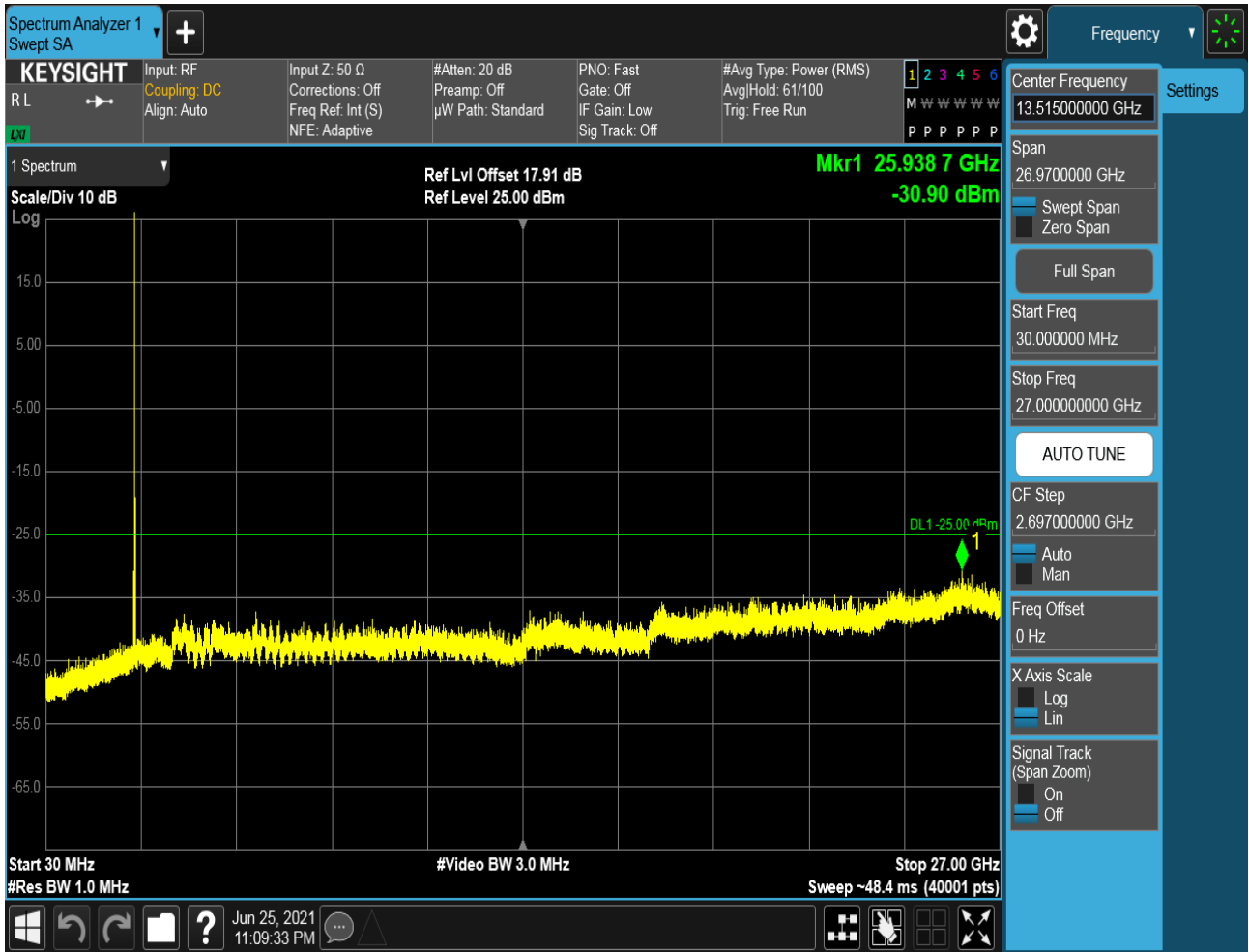


6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0



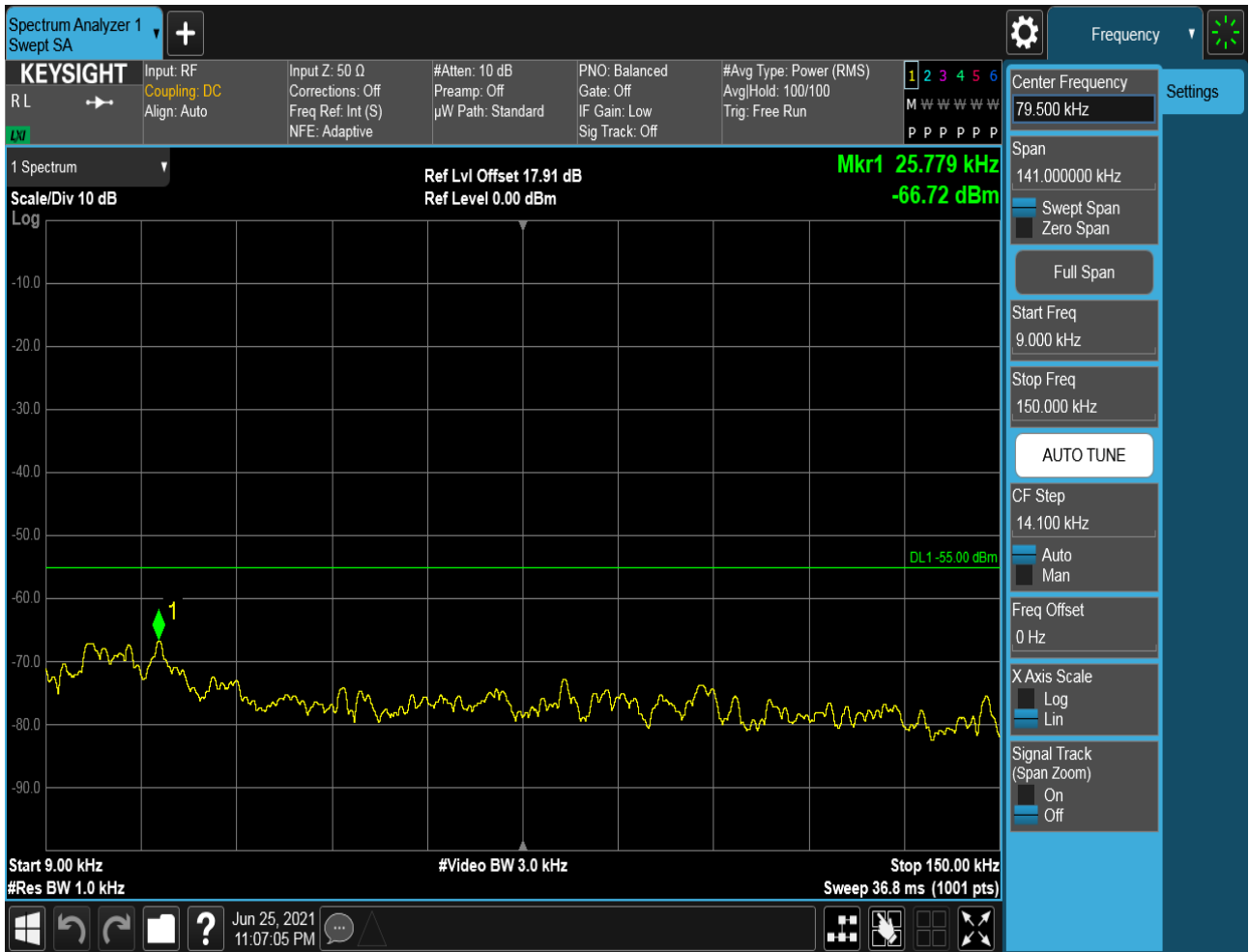


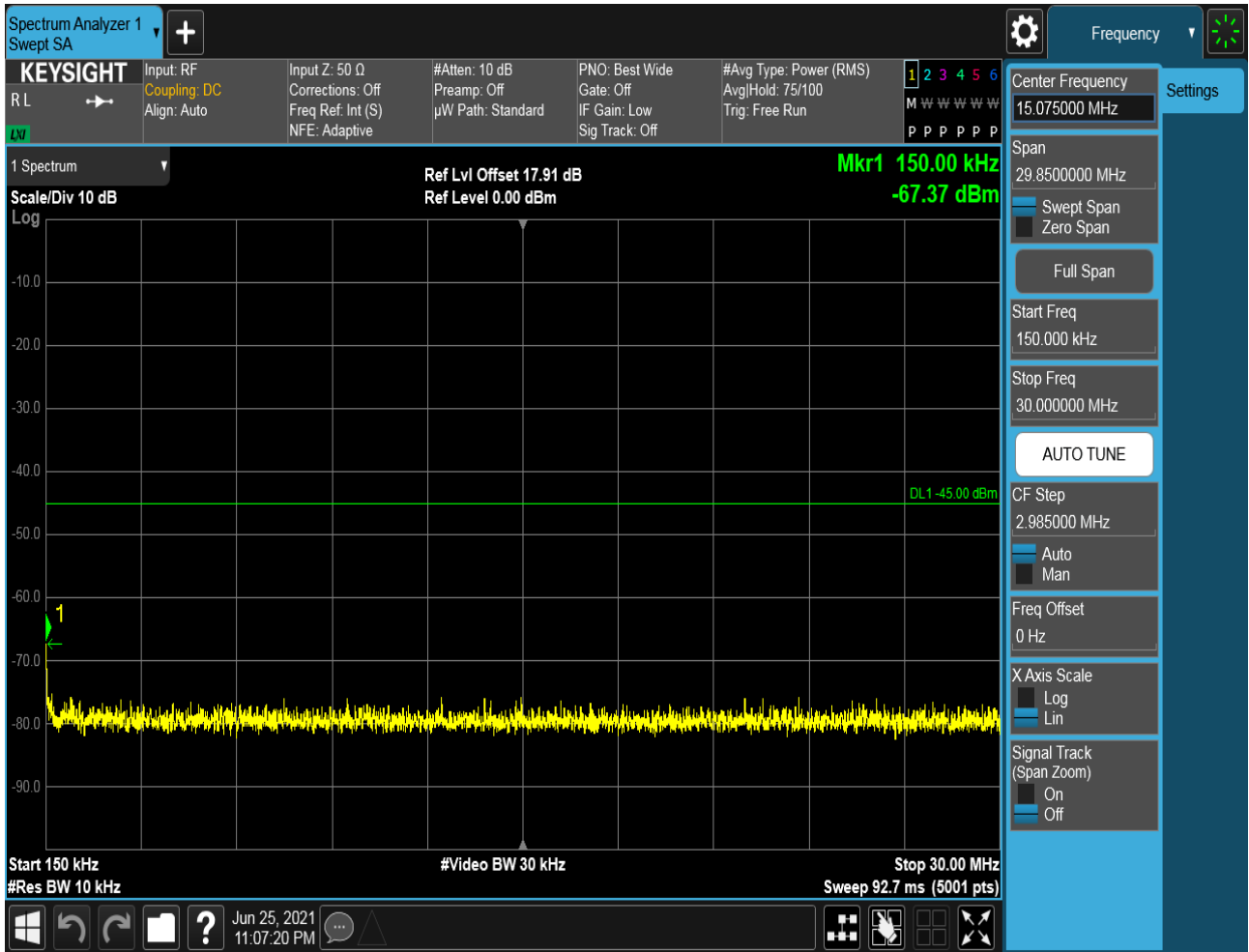


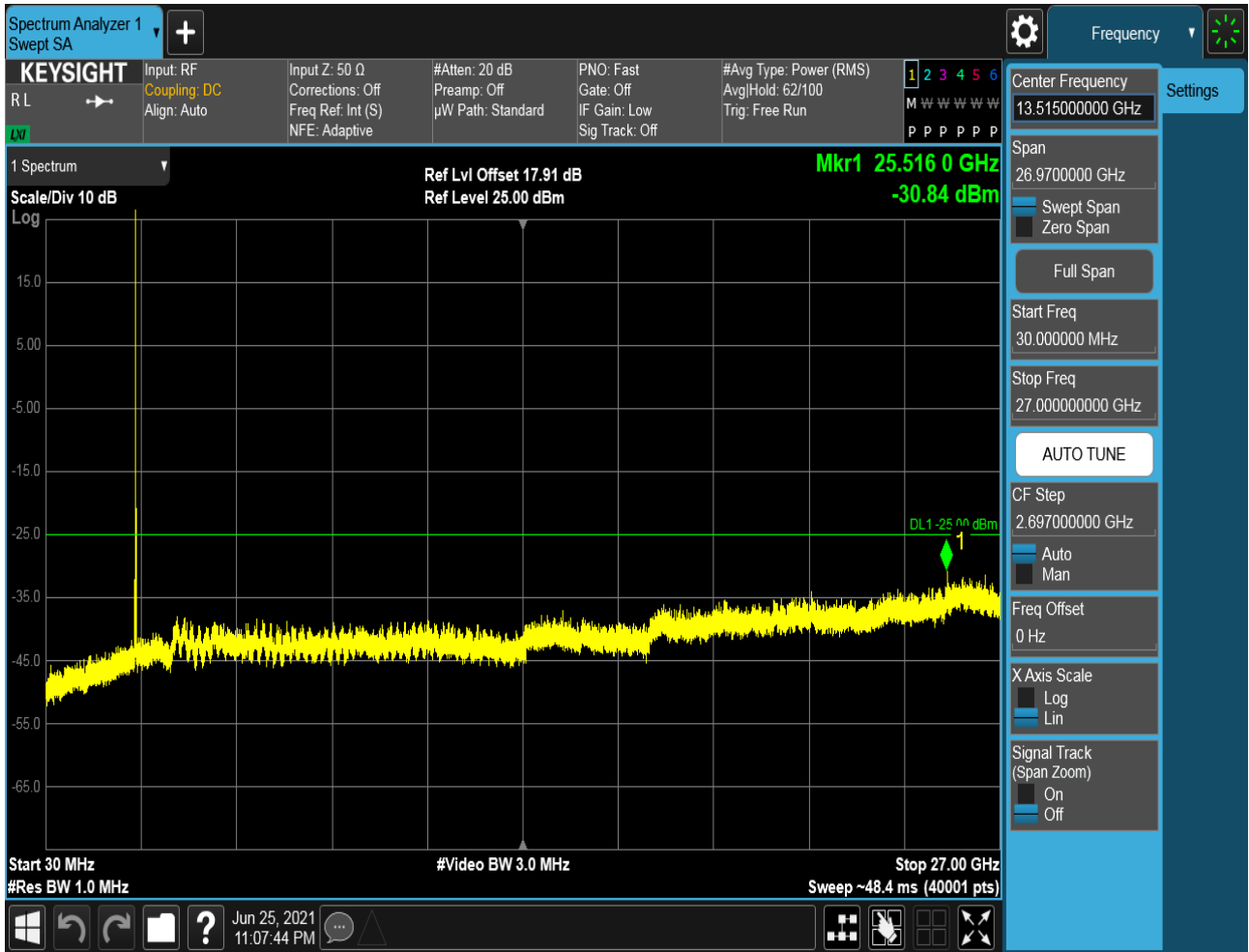


6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0





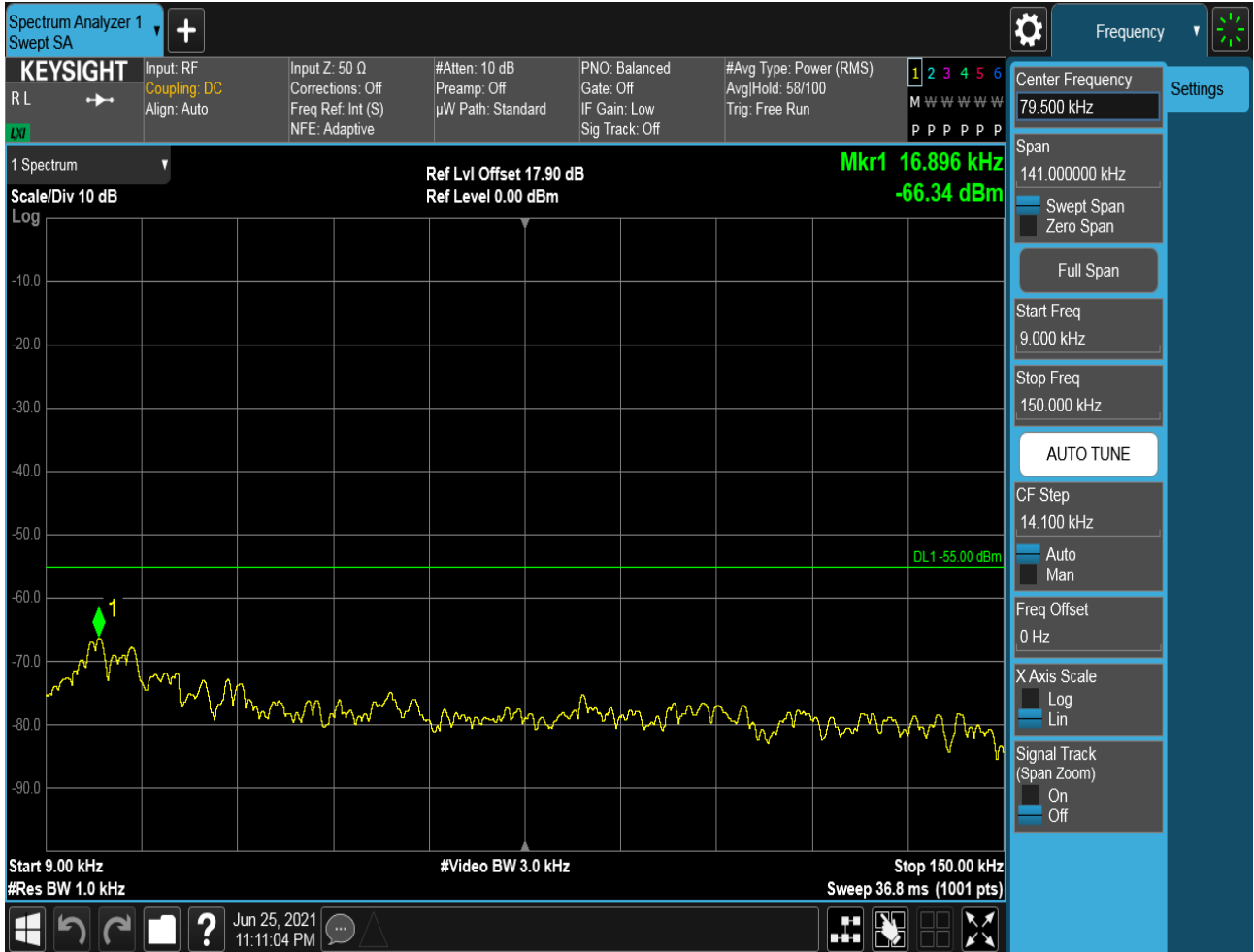


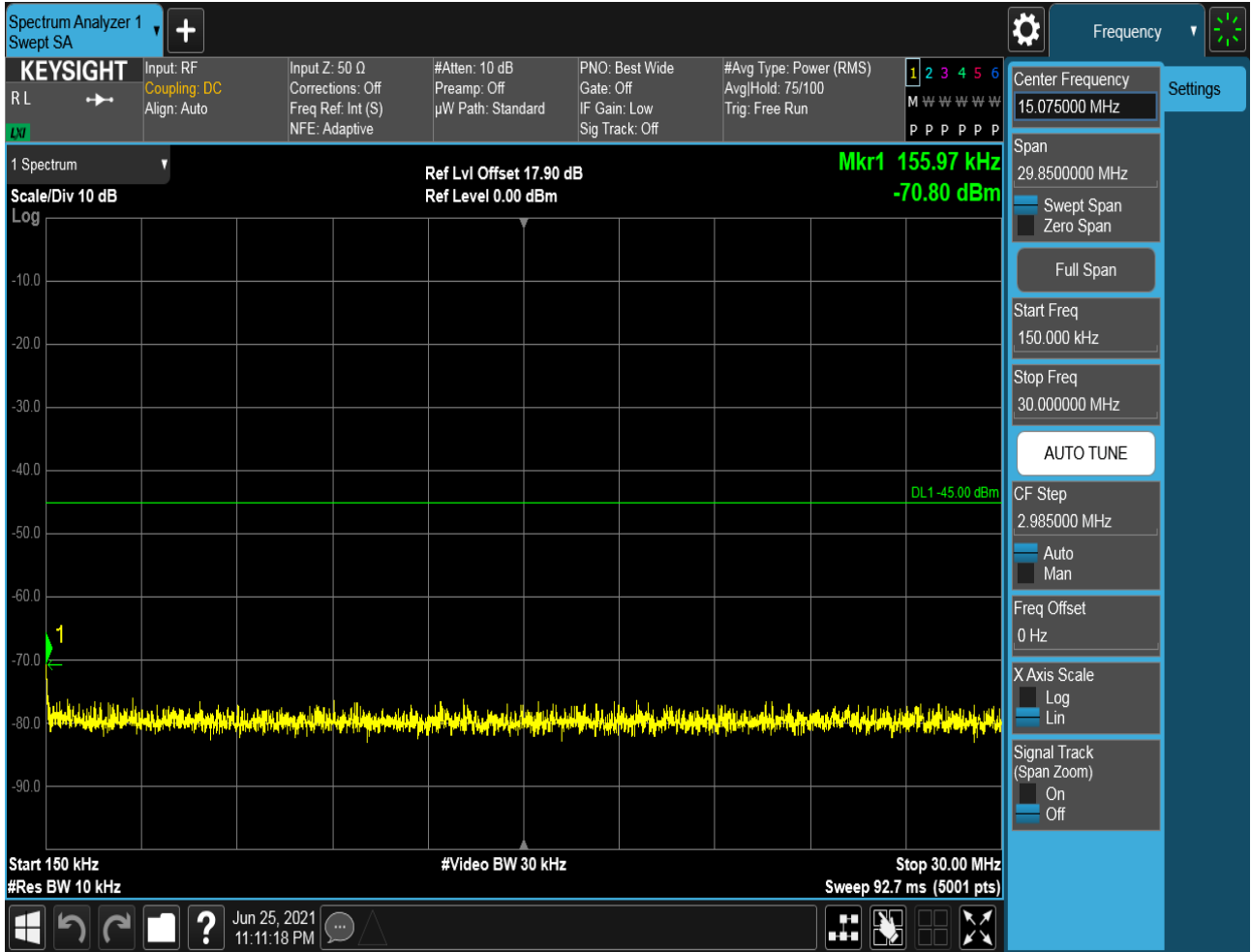


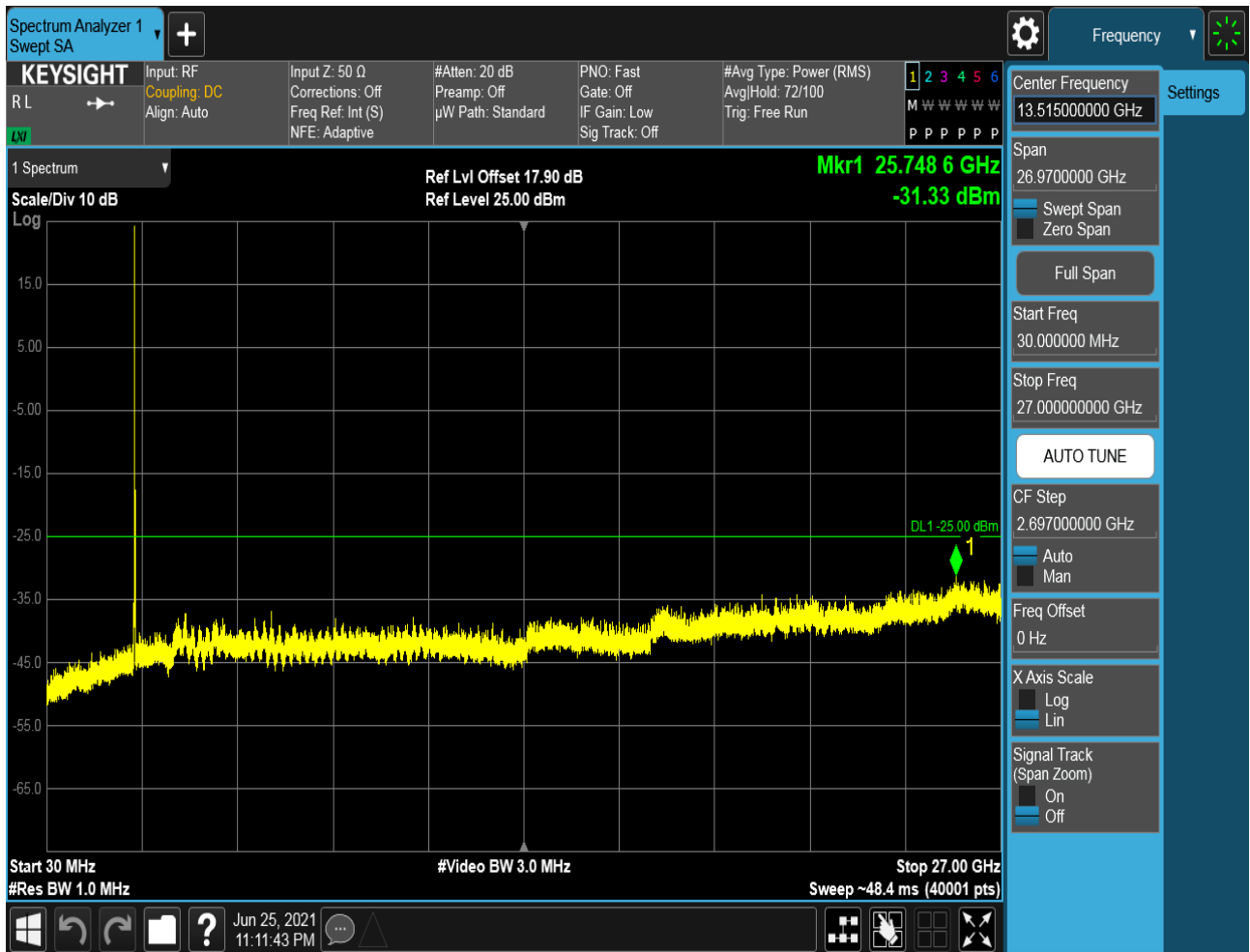
6.2.1.2.3 Test Bandwidth = 15MHz

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0



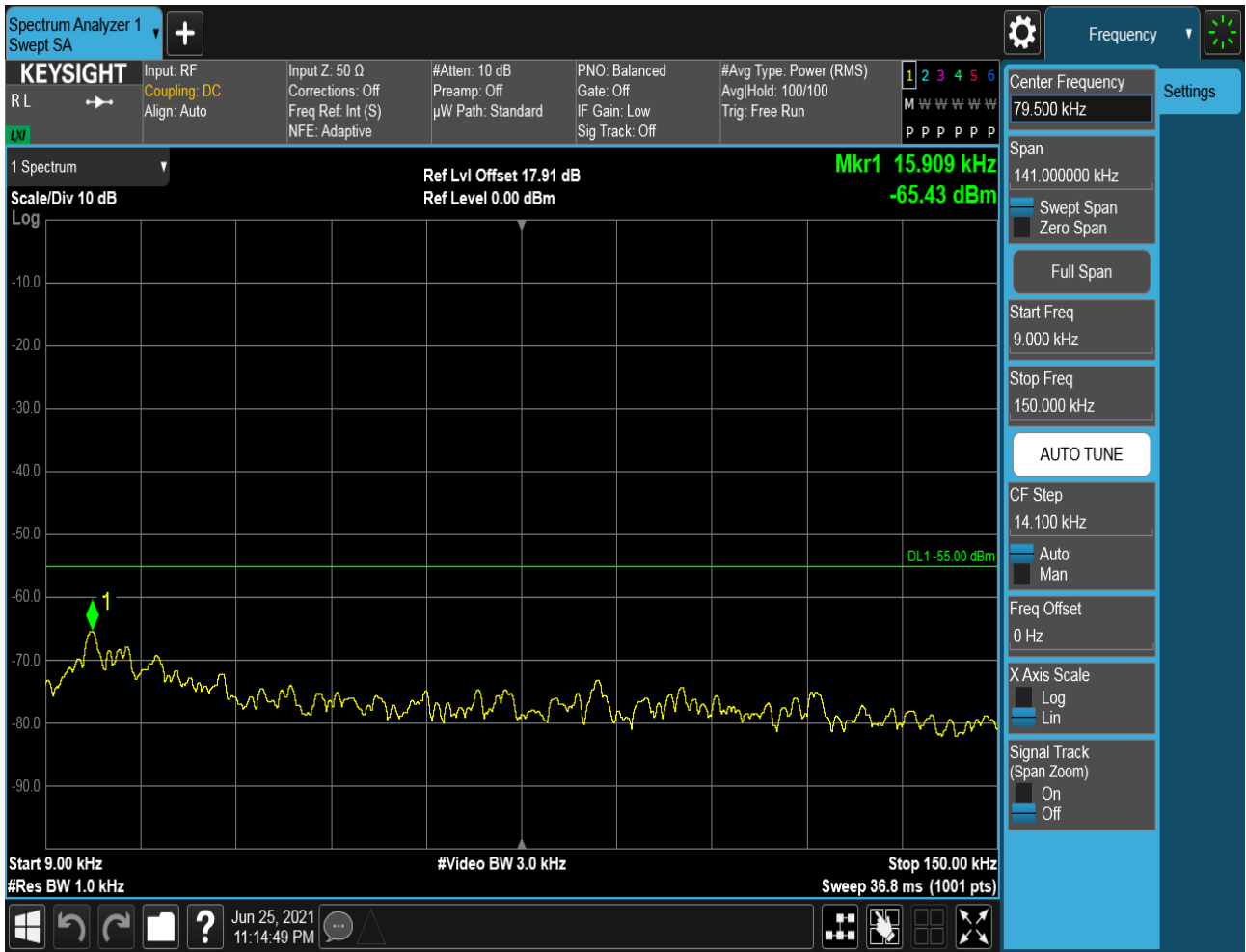


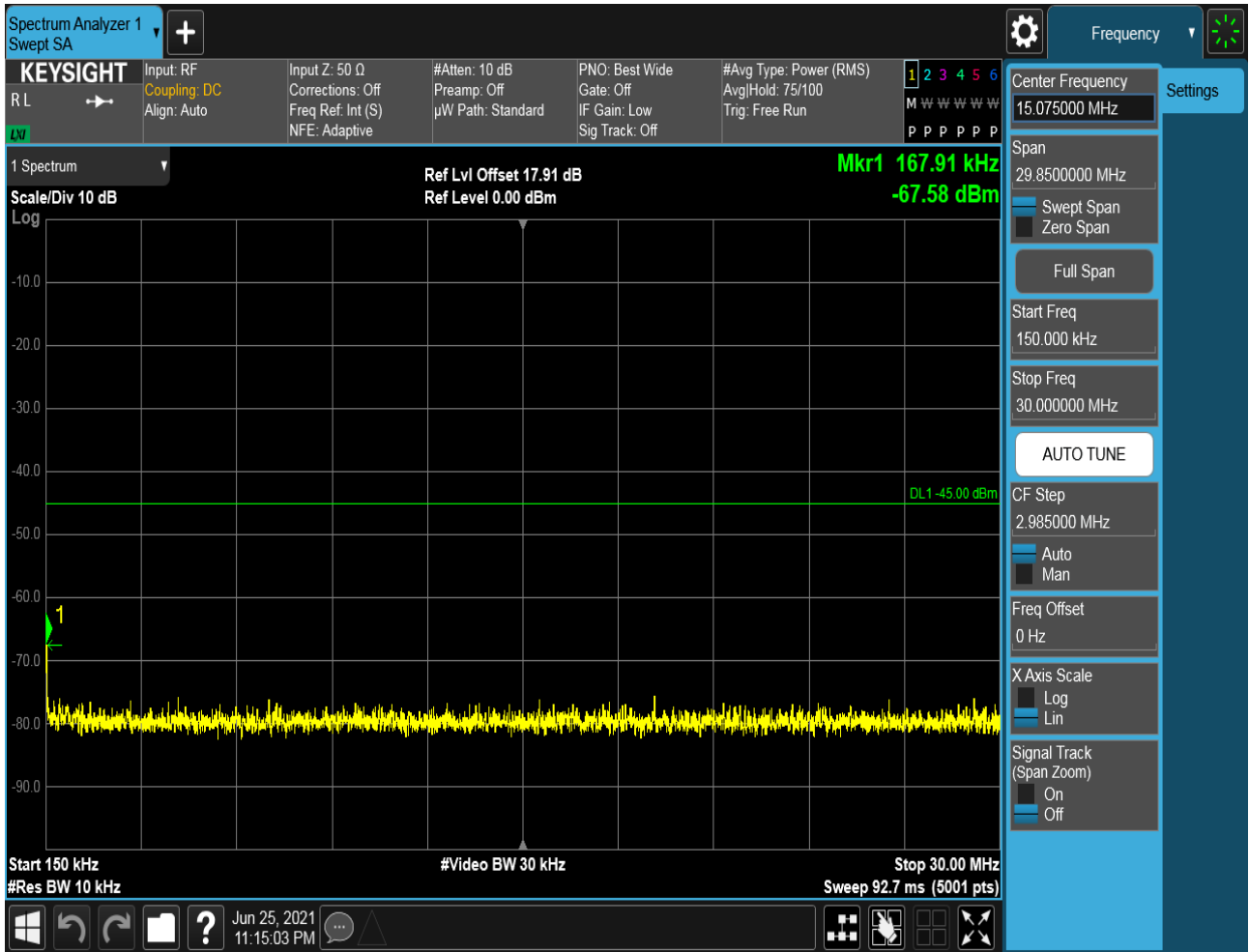


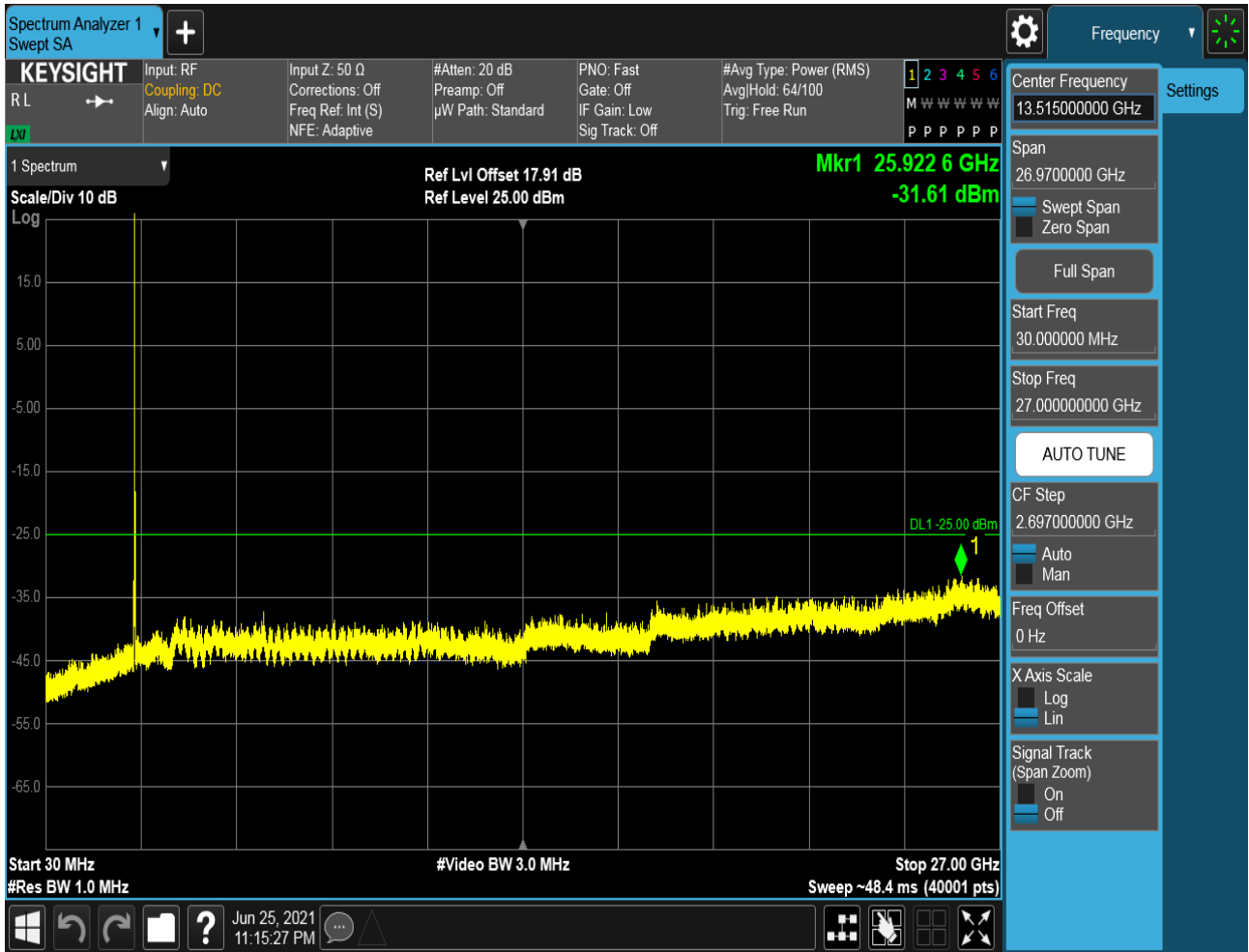


6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0



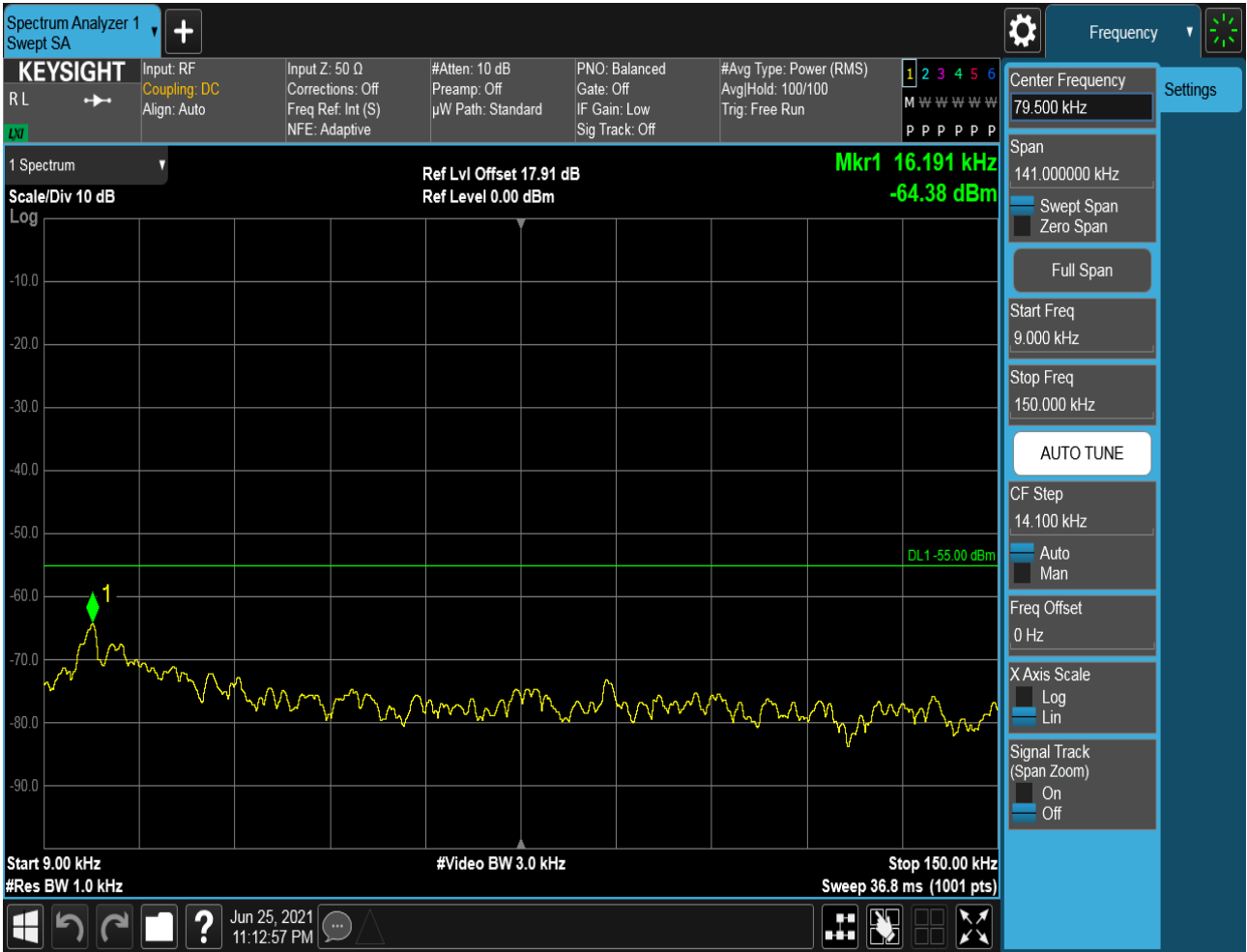


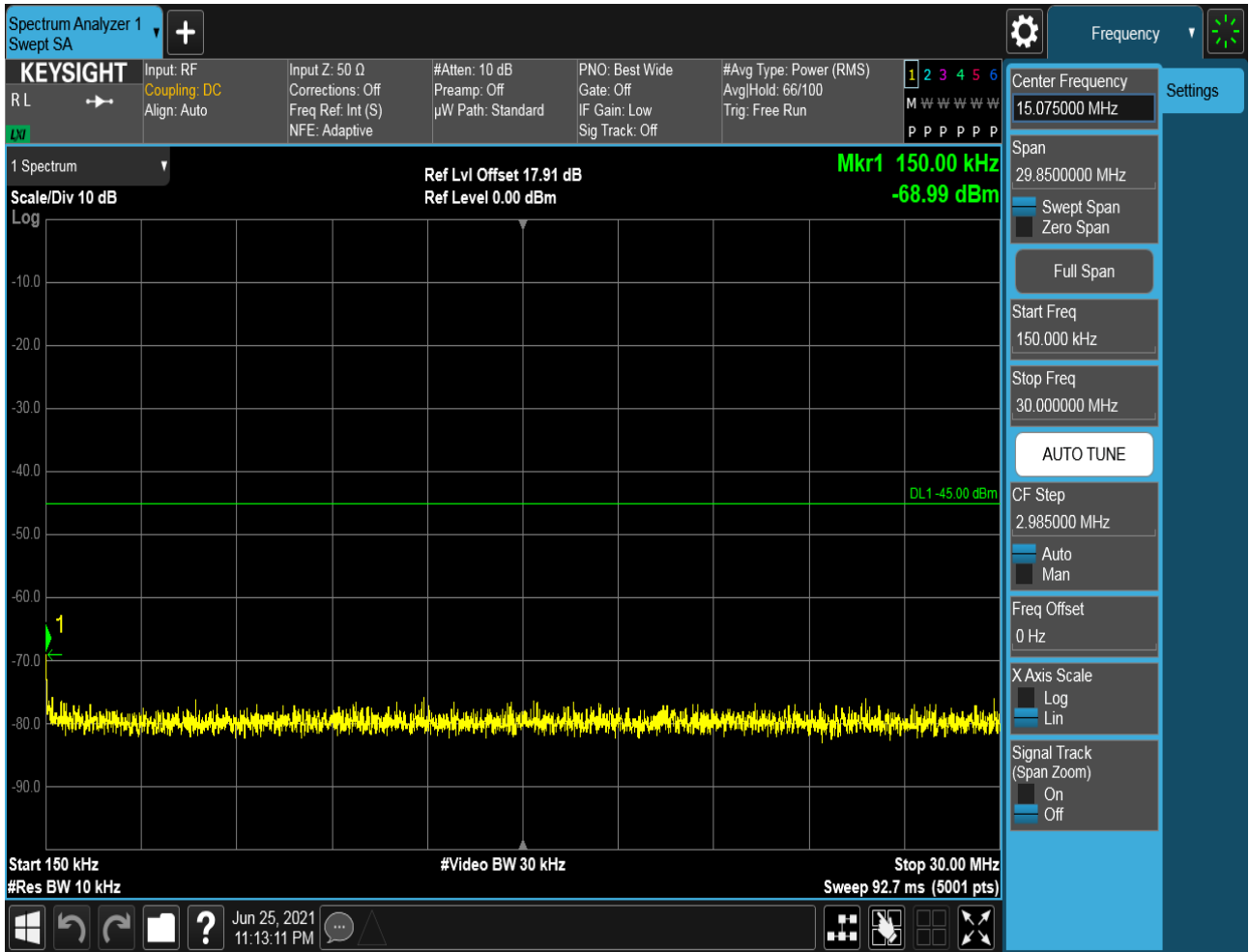


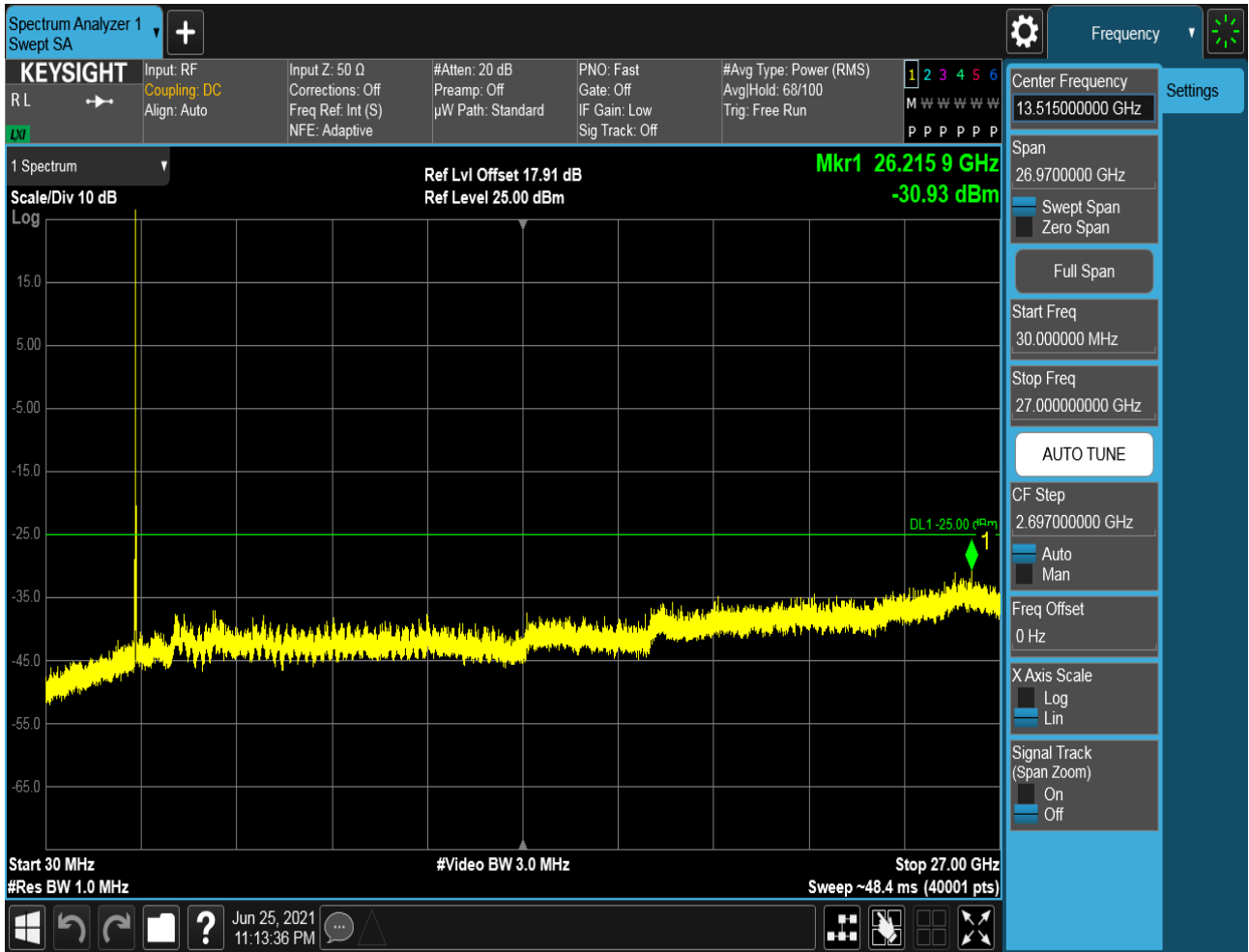


6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0





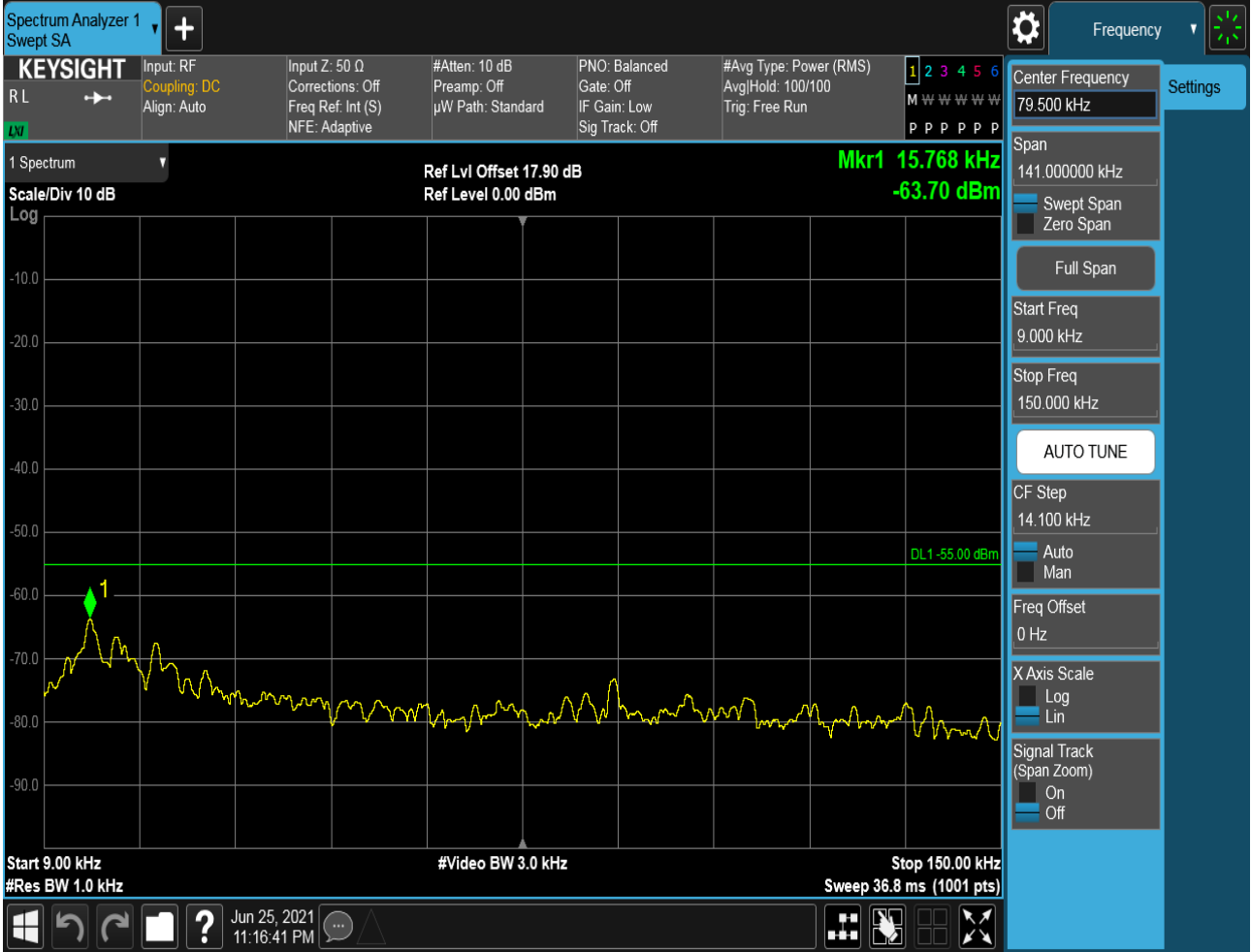


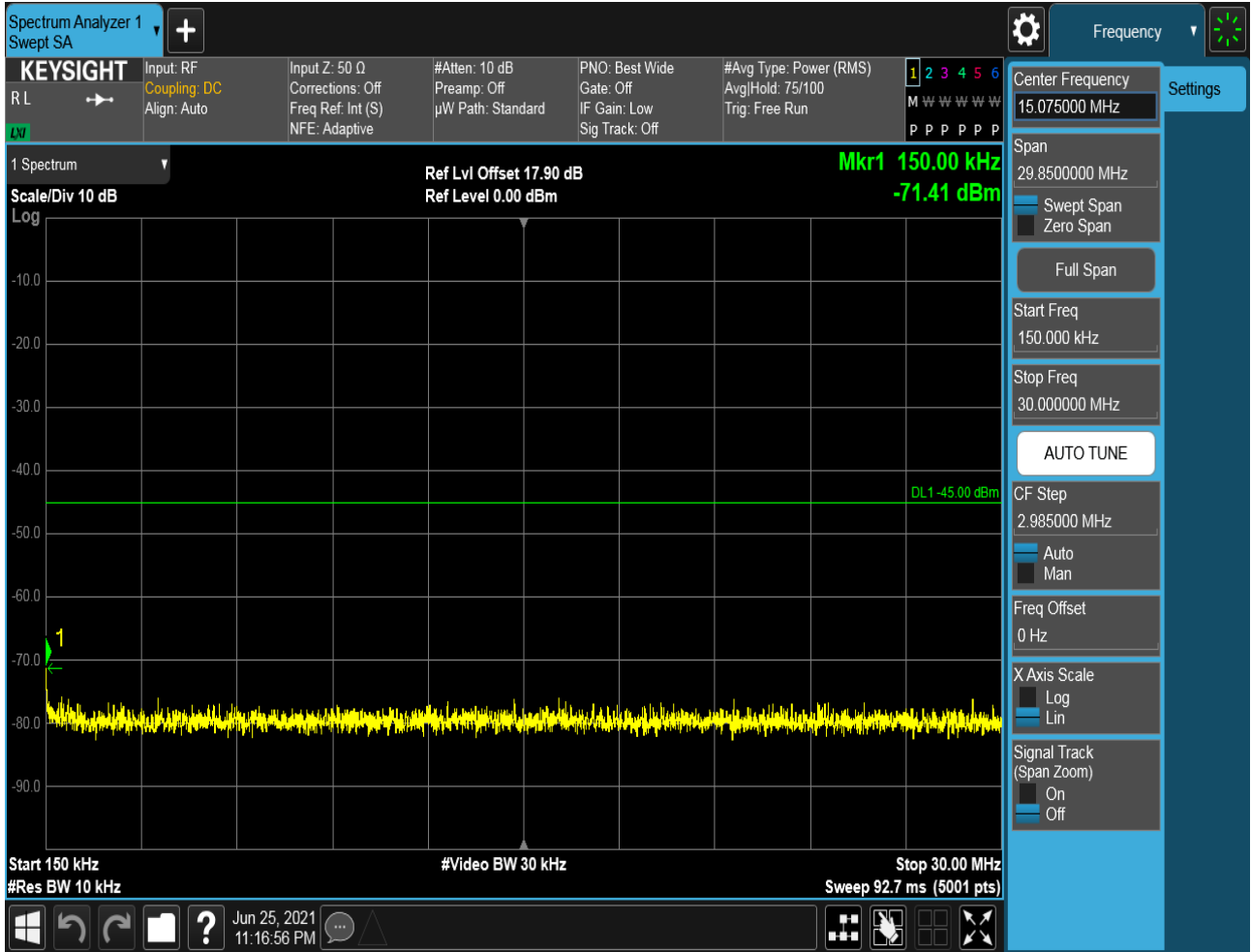


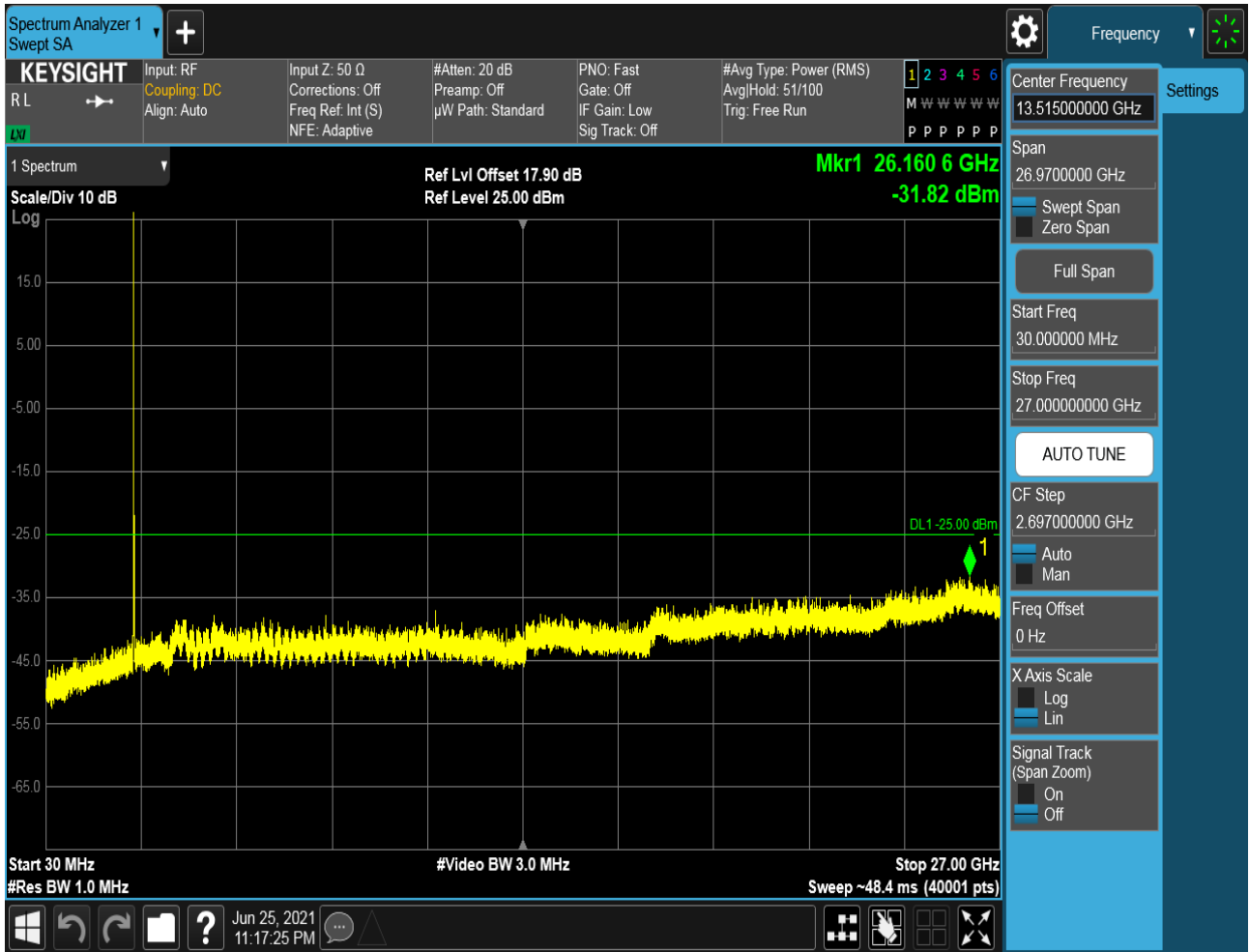
6.2.1.2.4 Test Bandwidth = 20MHz

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0



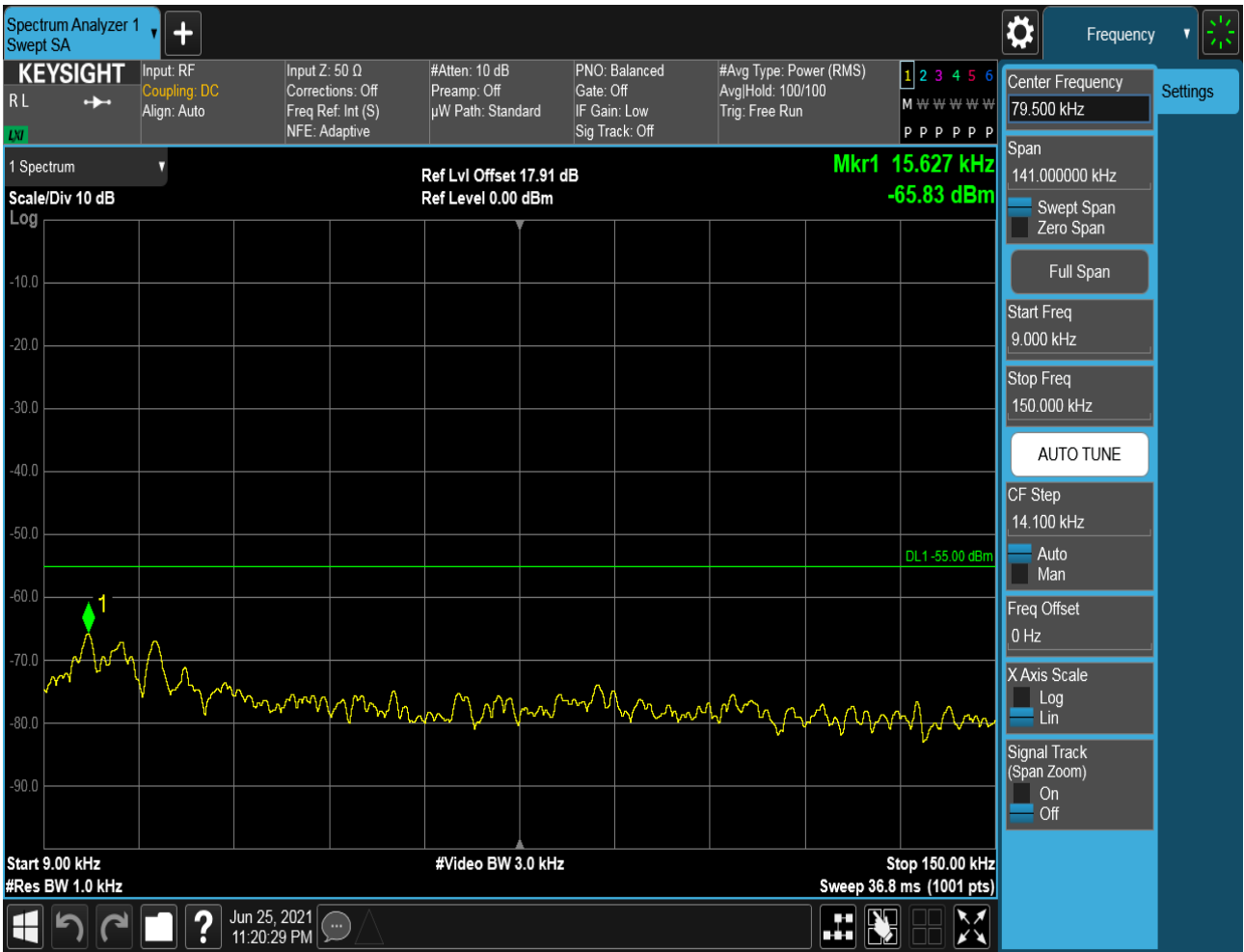


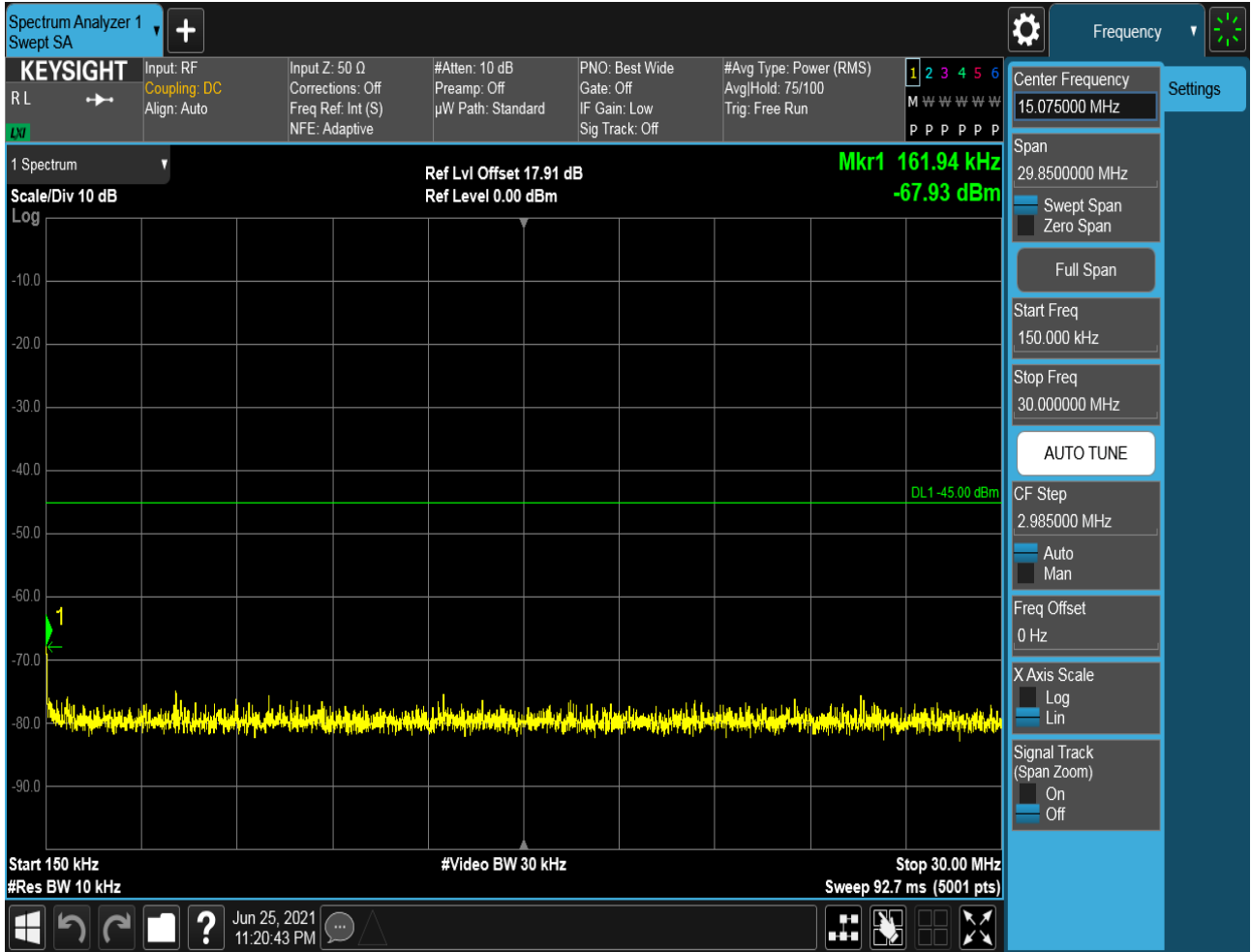


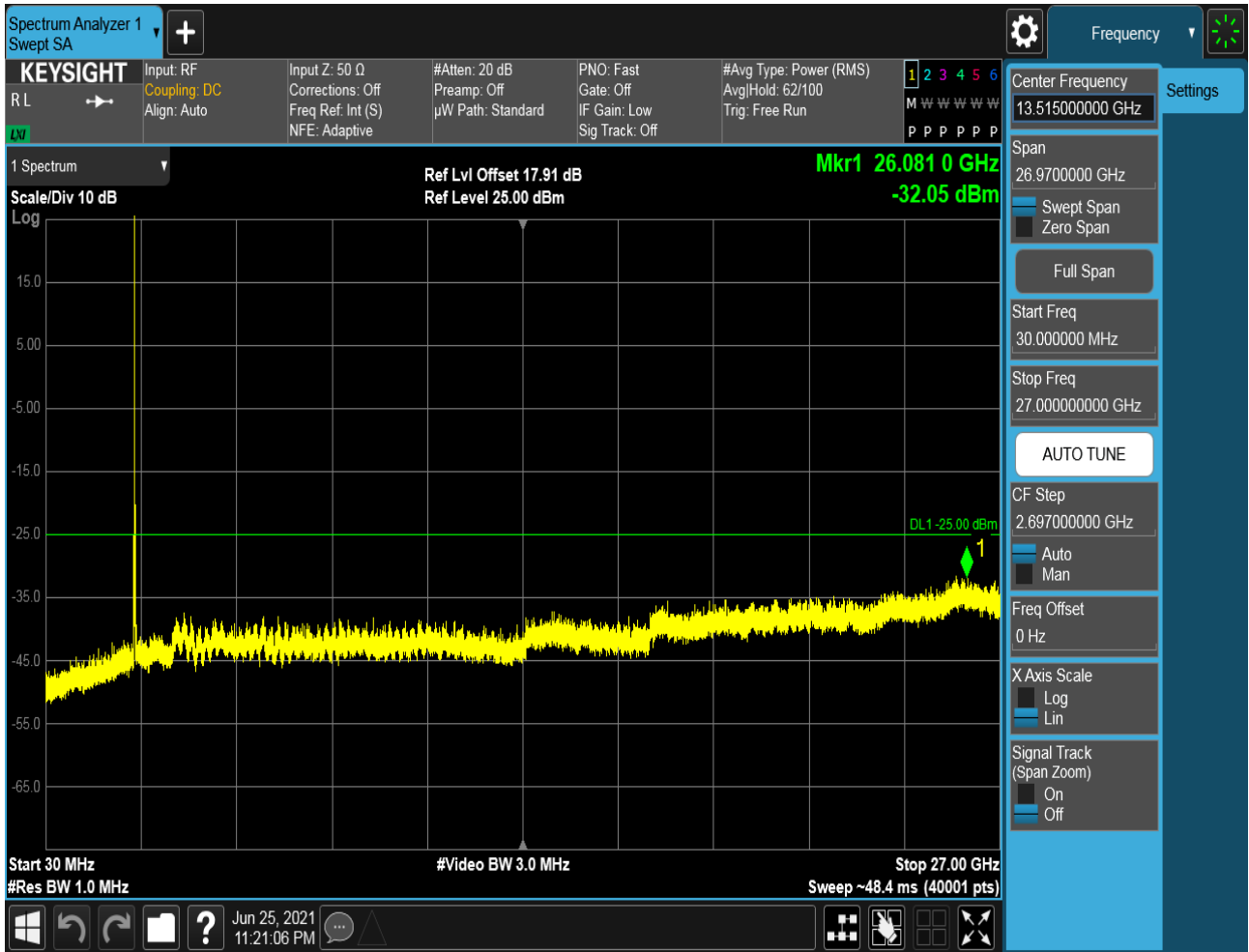


6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0



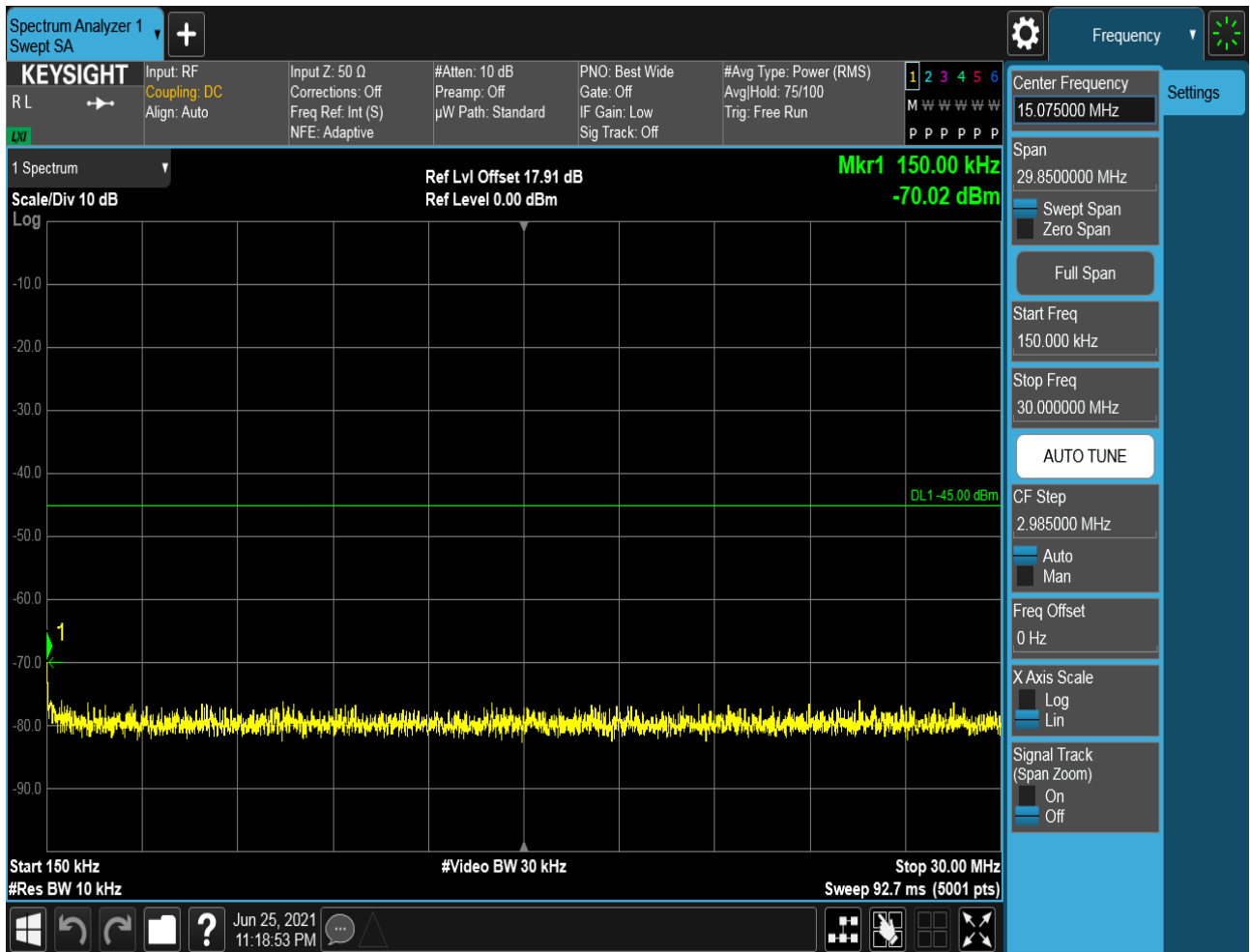


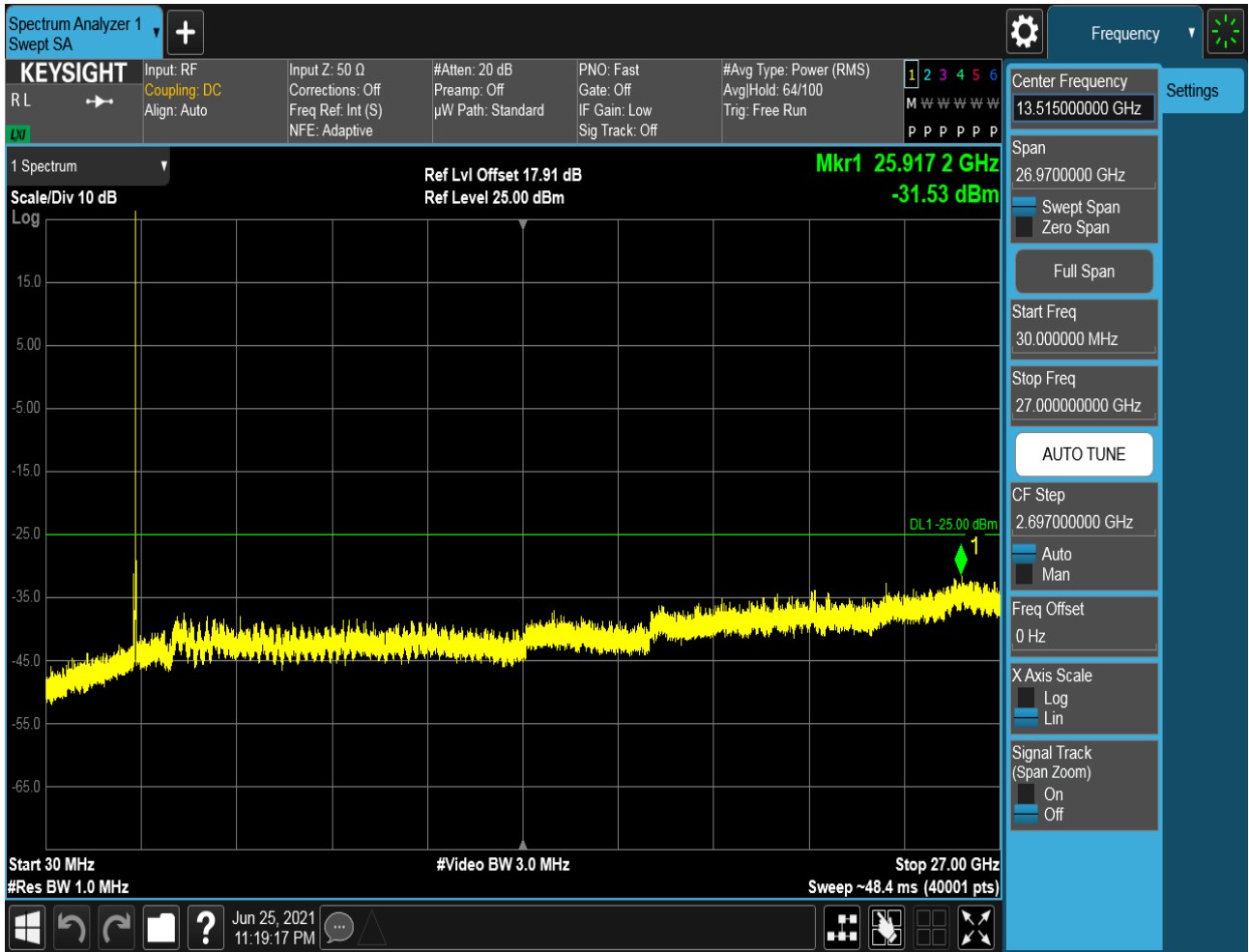


6.2.1.2.4.3 Test Channel = HCH

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

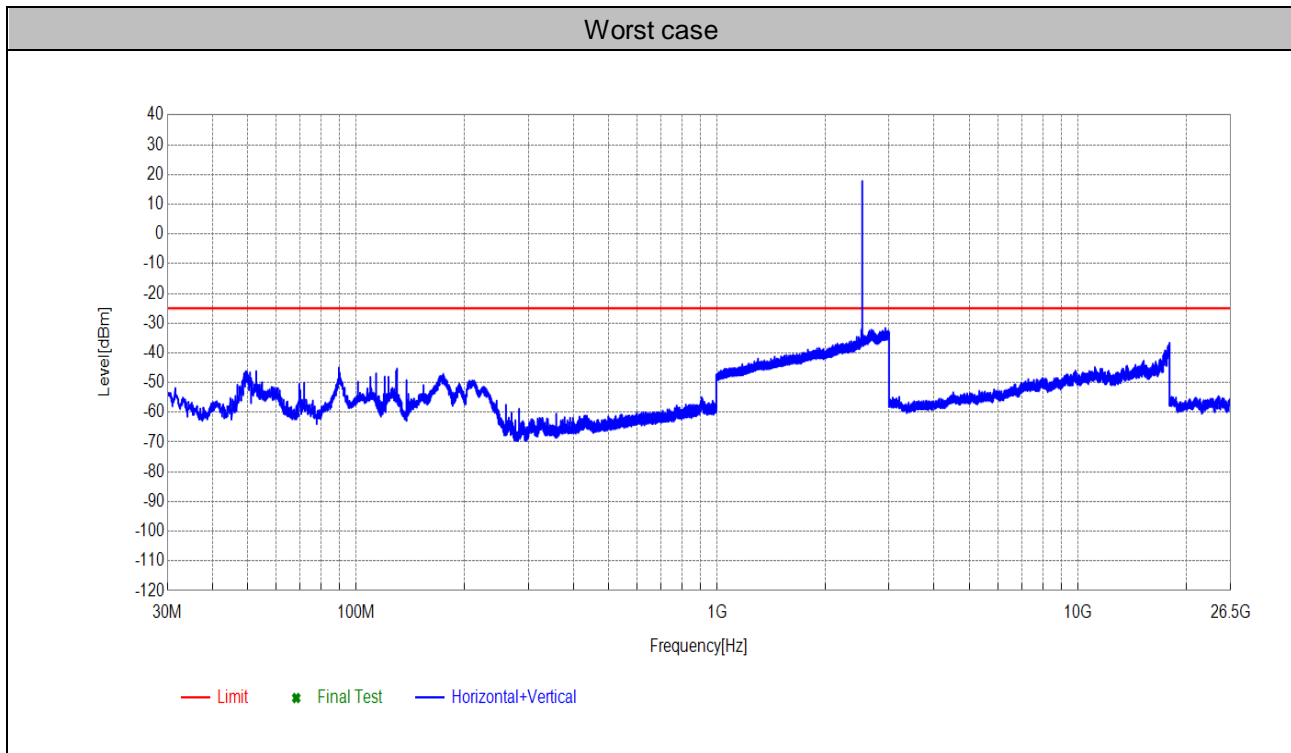
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

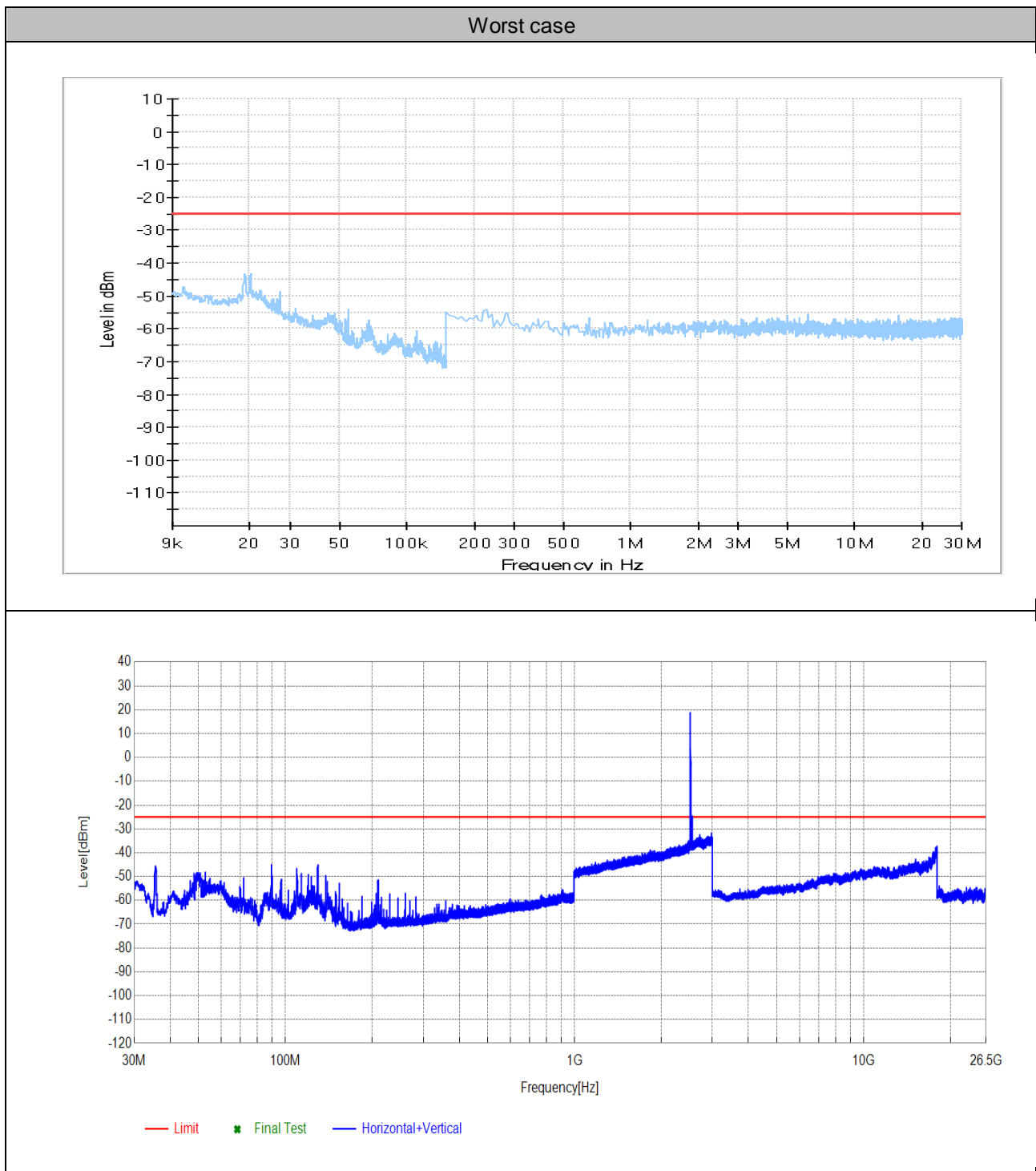
7.1 For LTE

7.1.1 Test Band = Band7

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
Band7	LTE/TM1	5	LCH	TN	VL	-2.71181	-0.00108	PASS
					VN	-14.49134	-0.00579	PASS
					VH	-14.63262	-0.00585	PASS
			MCH	TN	VL	-5.67471	-0.00224	PASS
					VN	-2.90765	-0.00115	PASS
					VH	-3.19991	-0.00126	PASS
			HCH	TN	VL	-6.98710	-0.00272	PASS
					VN	-2.24559	-0.00087	PASS
					VH	-9.60137	-0.00374	PASS
		10	LCH	TN	VL	-3.15664	-0.00126	PASS
					VN	-10.06951	-0.00402	PASS
					VH	-4.69304	-0.00187	PASS
			MCH	TN	VL	-2.82982	-0.00112	PASS
					VN	-8.32884	-0.00329	PASS
					VH	-10.29170	-0.00406	PASS
			HCH	TN	VL	-4.34387	-0.00169	PASS
					VN	0.97610	0.00038	PASS
					VH	0.59030	0.00023	PASS
		15	LCH	TN	VL	-5.85312	-0.00233	PASS
					VN	-1.70758	-0.00068	PASS
					VH	-5.88438	-0.00235	PASS
			MCH	TN	VL	-6.01921	-0.00237	PASS
					VN	-0.77976	-0.00031	PASS
					VH	-7.74484	-0.00306	PASS
HCH	TN		VL	-2.22560	-0.00087	PASS		
			VN	-4.80801	-0.00188	PASS		
			VH	0.23573	0.00009	PASS		
20	LCH	TN	VL	-2.32239	-0.00093	PASS		
			VN	-7.73638	-0.00308	PASS		
			VH	-6.66953	-0.00266	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	-3.50207	-0.00138	PASS
					VN	-2.13205	-0.00084	PASS
					VH	-9.23985	-0.00364	PASS
			HCH	TN	VL	-4.47219	-0.00175	PASS
					VN	-4.01712	-0.00157	PASS
					VH	-12.01842	-0.00469	PASS
		5	LCH	TN	VL	-5.94563	-0.00238	PASS
					VN	-0.90635	-0.00036	PASS
					VH	-1.41549	-0.00057	PASS
			MCH	TN	VL	-6.81255	-0.00269	PASS
					VN	-0.81777	-0.00032	PASS
					VH	-3.43857	-0.00136	PASS
			HCH	TN	VL	-1.59725	-0.00062	PASS
					VN	6.08323	0.00237	PASS
					VH	-5.29132	-0.00206	PASS
		10	LCH	TN	VL	-4.62613	-0.00185	PASS
					VN	1.38525	0.00055	PASS
					VH	-1.47853	-0.00059	PASS
			MCH	TN	VL	-12.36051	-0.00488	PASS
					VN	-11.32102	-0.00447	PASS
					VH	-1.91824	-0.00076	PASS
			HCH	TN	VL	-3.67994	-0.00143	PASS
					VN	-6.10974	-0.00238	PASS
					VH	0.96826	0.00038	PASS
		15	LCH	TN	VL	-8.40748	-0.00335	PASS
					VN	-1.22150	-0.00049	PASS
					VH	-8.85784	-0.00353	PASS
			MCH	TN	VL	4.15627	0.00164	PASS
					VN	-5.97965	-0.00236	PASS
					VH	-8.51786	-0.00336	PASS
			HCH	TN	VL	-1.55949	-0.00061	PASS
					VN	-3.07558	-0.00120	PASS
					VH	-4.22594	-0.00165	PASS
		20	LCH	TN	VL	-2.85535	-0.00114	PASS
					VN	-6.74150	-0.00269	PASS
					VH	-1.85574	-0.00074	PASS
			MCH	TN	VL	-6.36669	-0.00251	PASS
					VN	-0.93851	-0.00037	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	-5.54325	-0.00219	PASS
			HCH	TN	VL	-9.63418	-0.00376	PASS
					VN	-12.64434	-0.00494	PASS
					VH	-10.97060	-0.00429	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	-9.67567	-0.00387	PASS
					-20	-16.31280	-0.00652	PASS
					-10	-13.59505	-0.00543	PASS
					0	-11.90339	-0.00476	PASS
					10	-14.63597	-0.00585	PASS
					20	-14.49134	-0.00579	PASS
					30	-13.85964	-0.00554	PASS
					40	-17.76254	-0.00710	PASS
			50	-15.87541	-0.00634	PASS		
			MCH	VN	-30	-5.40925	-0.00213	PASS
					-20	-3.55814	-0.00140	PASS
					-10	-5.79463	-0.00229	PASS
					0	-13.73299	-0.00542	PASS
					10	-8.41036	-0.00332	PASS
					20	-2.90765	-0.00115	PASS
					30	-4.72434	-0.00186	PASS
					40	-7.22891	-0.00285	PASS
			50	-7.28706	-0.00287	PASS		
			HCH	VN	-30	-4.26293	-0.00166	PASS
					-20	-4.36753	-0.00170	PASS
					-10	-2.11838	-0.00083	PASS
					0	-3.27431	-0.00128	PASS
					10	-6.79987	-0.00265	PASS
					20	-2.24559	-0.00087	PASS
		30			-0.58207	-0.00023	PASS	
		40			-3.98186	-0.00155	PASS	
		50	-2.81918	-0.00110	PASS			
		10	LCH	VN	-30	-5.71520	-0.00228	PASS
					-20	0.12564	0.00005	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-10	-6.84319	-0.00273	PASS	
					0	-7.12542	-0.00284	PASS	
					10	-1.31073	-0.00052	PASS	
					20	-10.06951	-0.00402	PASS	
					30	-4.98472	-0.00199	PASS	
					40	-3.14566	-0.00126	PASS	
					50	-6.52887	-0.00261	PASS	
			MCH	VN	-30	-9.08684	-0.00358	PASS	
					-20	-3.86826	-0.00153	PASS	
					-10	1.47527	0.00058	PASS	
					0	-8.55015	-0.00337	PASS	
					10	-8.33389	-0.00329	PASS	
					20	-8.32884	-0.00329	PASS	
					30	-6.96850	-0.00275	PASS	
					40	-7.11467	-0.00281	PASS	
			HCH	VN	-30	-0.51816	-0.00020	PASS	
					-20	-8.11561	-0.00316	PASS	
					-10	2.33136	0.00091	PASS	
					0	3.07762	0.00120	PASS	
					10	-4.45780	-0.00174	PASS	
					20	0.97610	0.00038	PASS	
					30	-0.34093	-0.00013	PASS	
					40	-4.82640	-0.00188	PASS	
			15	LCH	VN	-30	-8.64096	-0.00345	PASS
						-20	-6.42180	-0.00256	PASS
						-10	-1.55729	-0.00062	PASS
						0	-5.05503	-0.00202	PASS
						10	-2.86275	-0.00114	PASS
						20	-1.70758	-0.00068	PASS
						30	-4.59646	-0.00183	PASS
						40	-3.03264	-0.00121	PASS
				MCH	VN	-30	-10.05484	-0.00397	PASS
						-20	-5.70184	-0.00225	PASS
						-10	-5.16475	-0.00204	PASS
						0	-6.43789	-0.00254	PASS
						10	-4.14525	-0.00164	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-0.77976	-0.00031	PASS		
					30	-4.67852	-0.00185	PASS		
					40	1.65363	0.00065	PASS		
					50	-2.88551	-0.00114	PASS		
			HCH	VN	-30	-5.19270	-0.00203	PASS		
					-20	-1.07471	-0.00042	PASS		
					-10	-1.84875	-0.00072	PASS		
					0	-6.53832	-0.00255	PASS		
					10	-4.91930	-0.00192	PASS		
					20	-4.80801	-0.00188	PASS		
					30	-2.64699	-0.00103	PASS		
					40	-0.03280	-0.00001	PASS		
					50	-10.00730	-0.00391	PASS		
					LCH	VN	-30	-11.76827	-0.00469	PASS
							-20	-1.04842	-0.00042	PASS
							-10	-6.04157	-0.00241	PASS
			0	-4.67227			-0.00186	PASS		
			10	-2.04824			-0.00082	PASS		
			20	-7.73638			-0.00308	PASS		
			30	-9.40413			-0.00375	PASS		
		40	-2.84427	-0.00113			PASS			
		MCH	VN	50	-11.55990	-0.00461	PASS			
				-30	-7.12281	-0.00281	PASS			
				-20	-8.06993	-0.00318	PASS			
				-10	-3.91683	-0.00155	PASS			
				0	-2.09101	-0.00082	PASS			
				10	-4.60951	-0.00182	PASS			
				20	-2.13205	-0.00084	PASS			
				30	-7.82733	-0.00309	PASS			
		HCH	VN	40	-5.81539	-0.00229	PASS			
				50	-5.00679	-0.00198	PASS			
				-30	-9.50247	-0.00371	PASS			
				-20	-4.86290	-0.00190	PASS			
				-10	-5.55682	-0.00217	PASS			
				0	-8.62767	-0.00337	PASS			
				10	-6.99963	-0.00273	PASS			
				20	-4.01712	-0.00157	PASS			
		30	-11.71636	-0.00458	PASS					
		40	-4.89108	-0.00191	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	-10.15244	-0.00397	PASS		
					-30	-6.61689	-0.00264	PASS		
					-20	3.77980	0.00151	PASS		
					-10	3.85312	0.00154	PASS		
					0	2.18510	0.00087	PASS		
					10	2.66300	0.00106	PASS		
					20	-0.90635	-0.00036	PASS		
					30	-1.15423	-0.00046	PASS		
					40	6.03143	0.00241	PASS		
					50	-2.10654	-0.00084	PASS		
					MCH	VN	-30	-2.98692	-0.00118	PASS
							-20	-3.68910	-0.00146	PASS
			-10	-1.85872			-0.00073	PASS		
			0	-3.74068			-0.00148	PASS		
			10	-7.08732			-0.00280	PASS		
			20	-0.81777			-0.00032	PASS		
			30	-6.83267			-0.00270	PASS		
			40	-1.25349			-0.00049	PASS		
			50	-9.08674			-0.00358	PASS		
			HCH	VN			-30	-2.26640	-0.00088	PASS
							-20	-1.08547	-0.00042	PASS
							-10	-5.78231	-0.00225	PASS
					0	-3.17027	-0.00123	PASS		
					10	1.93820	0.00075	PASS		
		20			6.08323	0.00237	PASS			
		10	LCH	VN	-30	-10.43853	-0.00417	PASS		
					-20	-2.32458	-0.00093	PASS		
					-10	-10.75793	-0.00429	PASS		
					0	-1.29983	-0.00052	PASS		
					10	0.69809	0.00028	PASS		
					20	1.38525	0.00055	PASS		
					30	-2.42237	-0.00097	PASS		
					40	-7.99750	-0.00319	PASS		
					50	-3.23485	-0.00129	PASS		
					MCH	VN	-30	-3.47467	-0.00137	PASS
							-20	-9.39973	-0.00371	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-10	1.90048	0.00075	PASS		
					0	0.24460	0.00010	PASS		
					10	-0.72173	-0.00028	PASS		
					20	-11.32102	-0.00447	PASS		
					30	-2.45246	-0.00097	PASS		
					40	-1.35099	-0.00053	PASS		
					50	-4.05637	-0.00160	PASS		
			HCH	VN	-30	0.34295	0.00013	PASS		
					-20	-1.43243	-0.00056	PASS		
					-10	0.61464	0.00024	PASS		
					0	-5.92467	-0.00231	PASS		
					10	-1.32978	-0.00052	PASS		
					20	-6.10974	-0.00238	PASS		
					30	-4.74390	-0.00185	PASS		
		LCH	VN	-30	-0.05716	-0.00002	PASS			
				-20	-3.09243	-0.00123	PASS			
				-10	-2.28936	-0.00091	PASS			
				0	-4.43127	-0.00177	PASS			
				10	-1.32759	-0.00053	PASS			
				20	-1.22150	-0.00049	PASS			
				30	-5.22521	-0.00208	PASS			
		MCH	VN	40	-6.53926	-0.00261	PASS			
				50	-11.64254	-0.00464	PASS			
				-30	-4.59247	-0.00181	PASS			
				-20	-3.83808	-0.00151	PASS			
				-10	-7.59026	-0.00299	PASS			
				0	-8.76846	-0.00346	PASS			
				10	-6.06990	-0.00239	PASS			
		HCH	VN	20	-5.97965	-0.00236	PASS			
				30	-3.71004	-0.00146	PASS			
				40	0.89592	0.00035	PASS			
				50	-6.49354	-0.00256	PASS			
				-30	-4.97677	-0.00194	PASS			
				-20	-3.08433	-0.00120	PASS			
				-10	-2.80889	-0.00110	PASS			
				15			0	-2.62156	-0.00102	PASS
							10	-4.41695	-0.00172	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-3.07558	-0.00120	PASS		
					30	-5.05030	-0.00197	PASS		
					40	-3.31349	-0.00129	PASS		
					50	-1.94314	-0.00076	PASS		
		20	LCH	VN	-30	-2.60292	-0.00104	PASS		
					-20	-5.98759	-0.00239	PASS		
					-10	-1.53767	-0.00061	PASS		
					0	-1.09472	-0.00044	PASS		
					10	-3.49537	-0.00139	PASS		
					20	-6.74150	-0.00269	PASS		
					30	-5.00837	-0.00200	PASS		
					40	-5.59672	-0.00223	PASS		
					50	0.09876	0.00004	PASS		
					MCH	VN	-30	-1.21438	-0.00048	PASS
							-20	-4.85704	-0.00192	PASS
							-10	-5.98627	-0.00236	PASS
							0	-4.90305	-0.00193	PASS
							10	-5.79017	-0.00228	PASS
							20	-0.93851	-0.00037	PASS
							30	-3.21410	-0.00127	PASS
							40	-2.27083	-0.00090	PASS
					HCH	VN	50	1.32390	0.00052	PASS
							-30	-5.96573	-0.00233	PASS
							-20	-11.88563	-0.00464	PASS
							-10	-9.12440	-0.00356	PASS
							0	-7.60977	-0.00297	PASS
							10	-15.43846	-0.00603	PASS
							20	-12.64434	-0.00494	PASS
							30	-2.22897	-0.00087	PASS
					40	-6.68080	-0.00261	PASS		
					50	-2.94210	-0.00115	PASS		

END