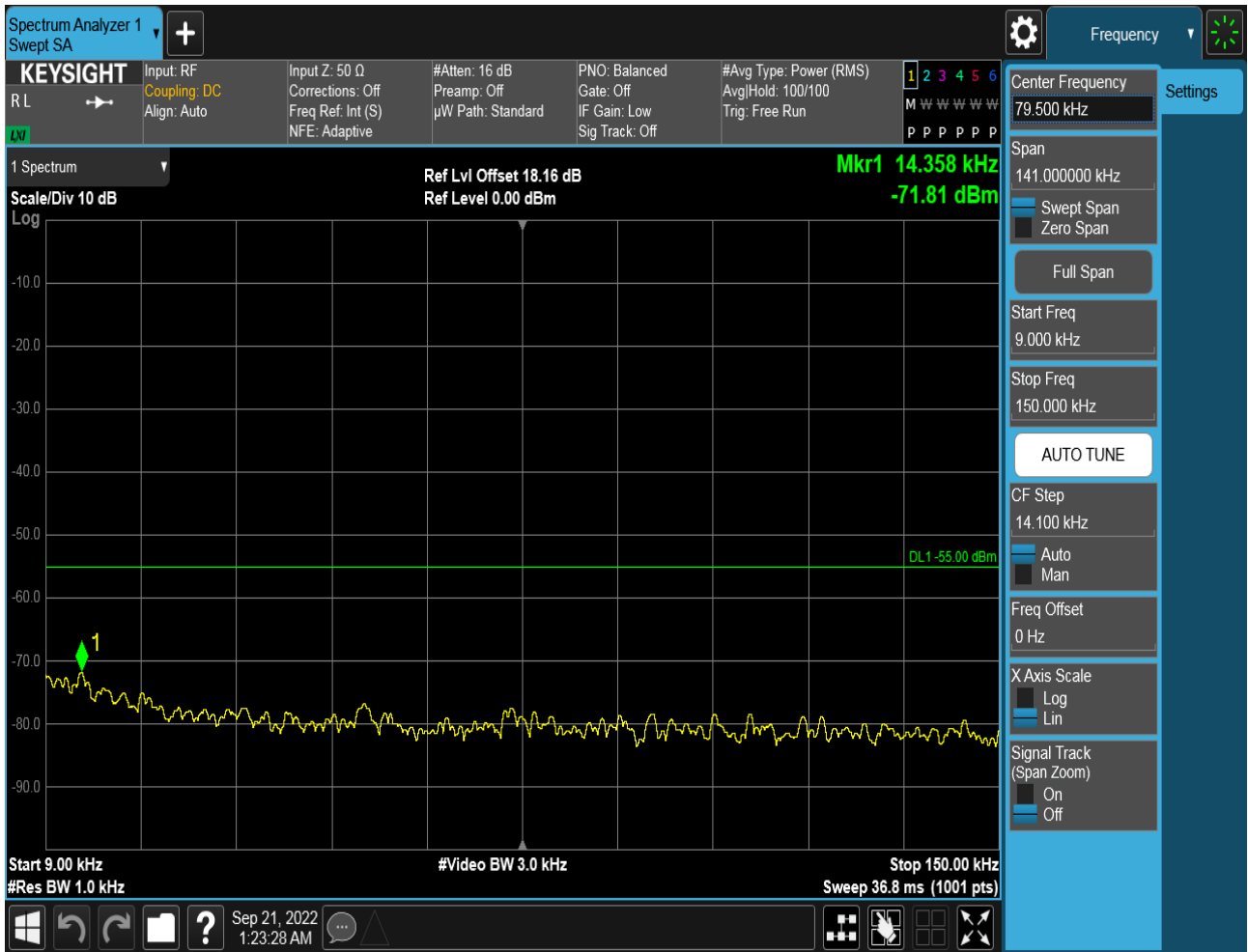
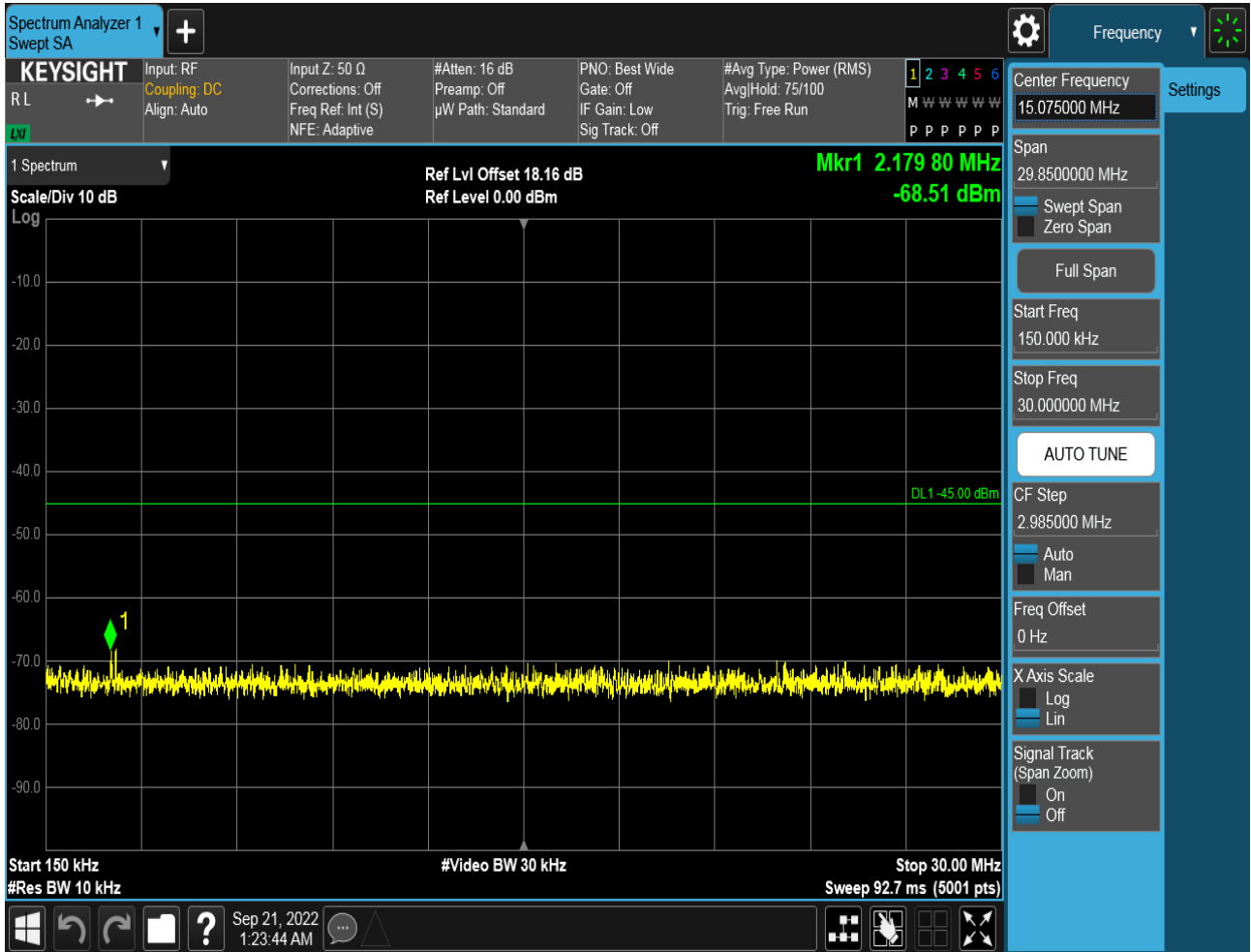
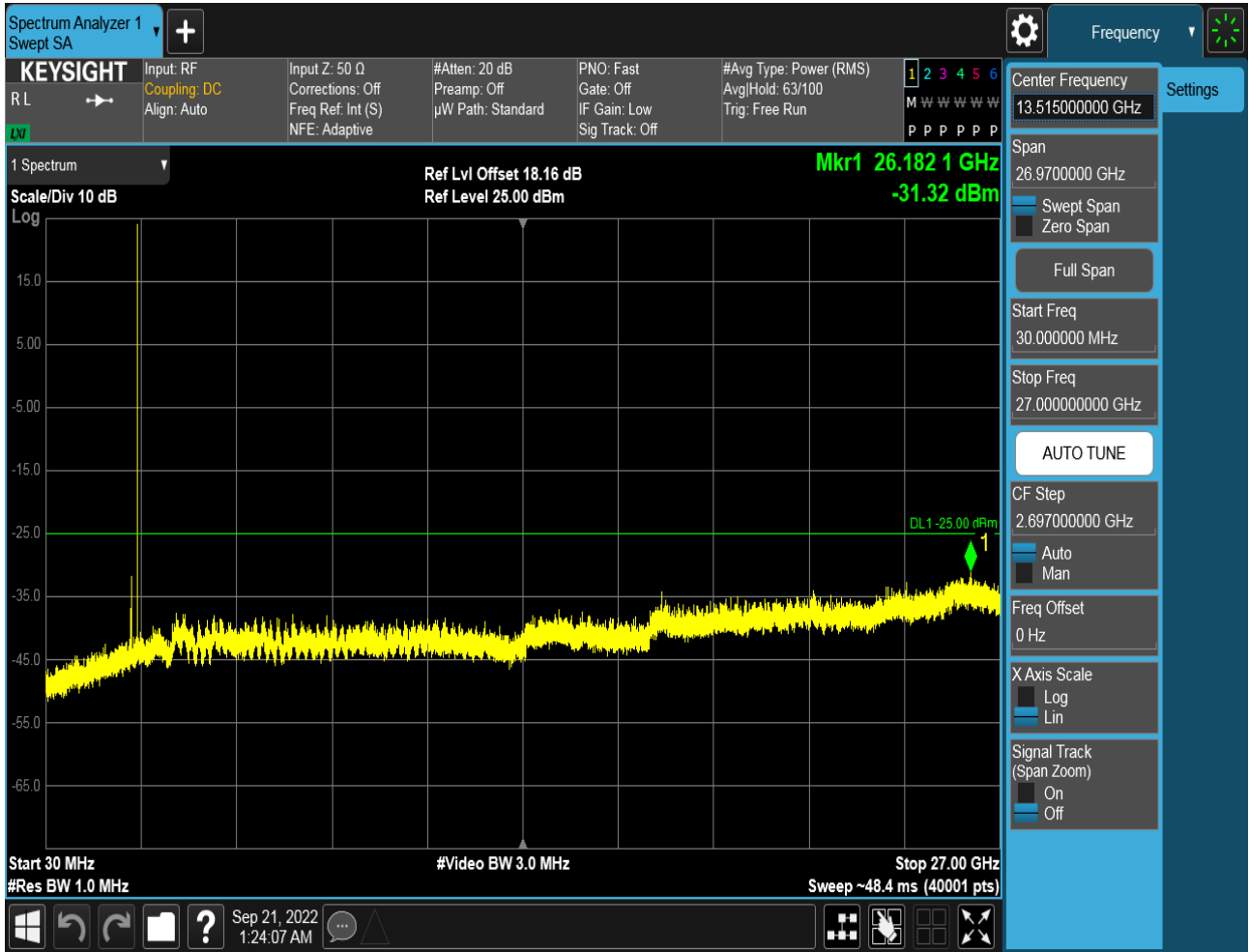


6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0



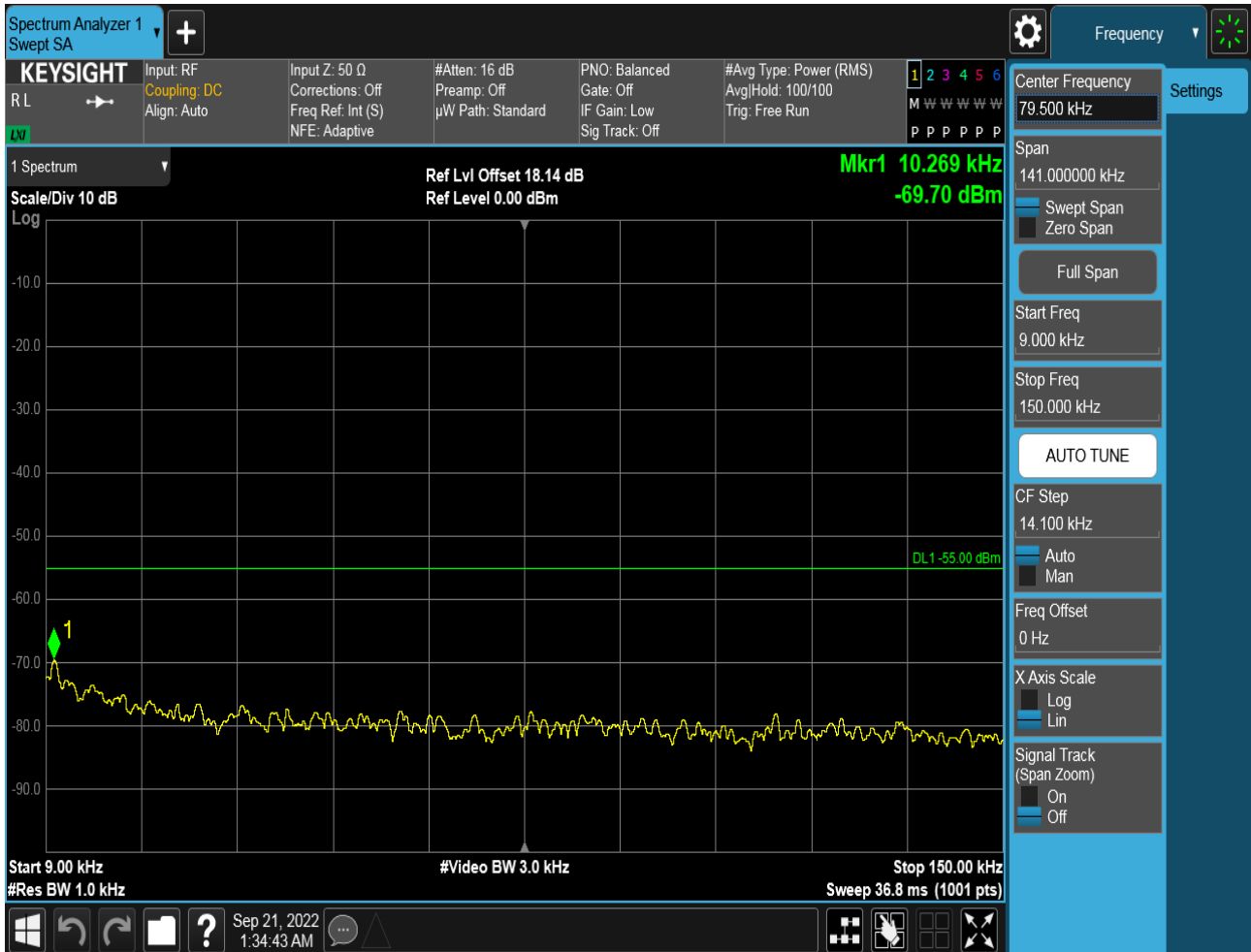


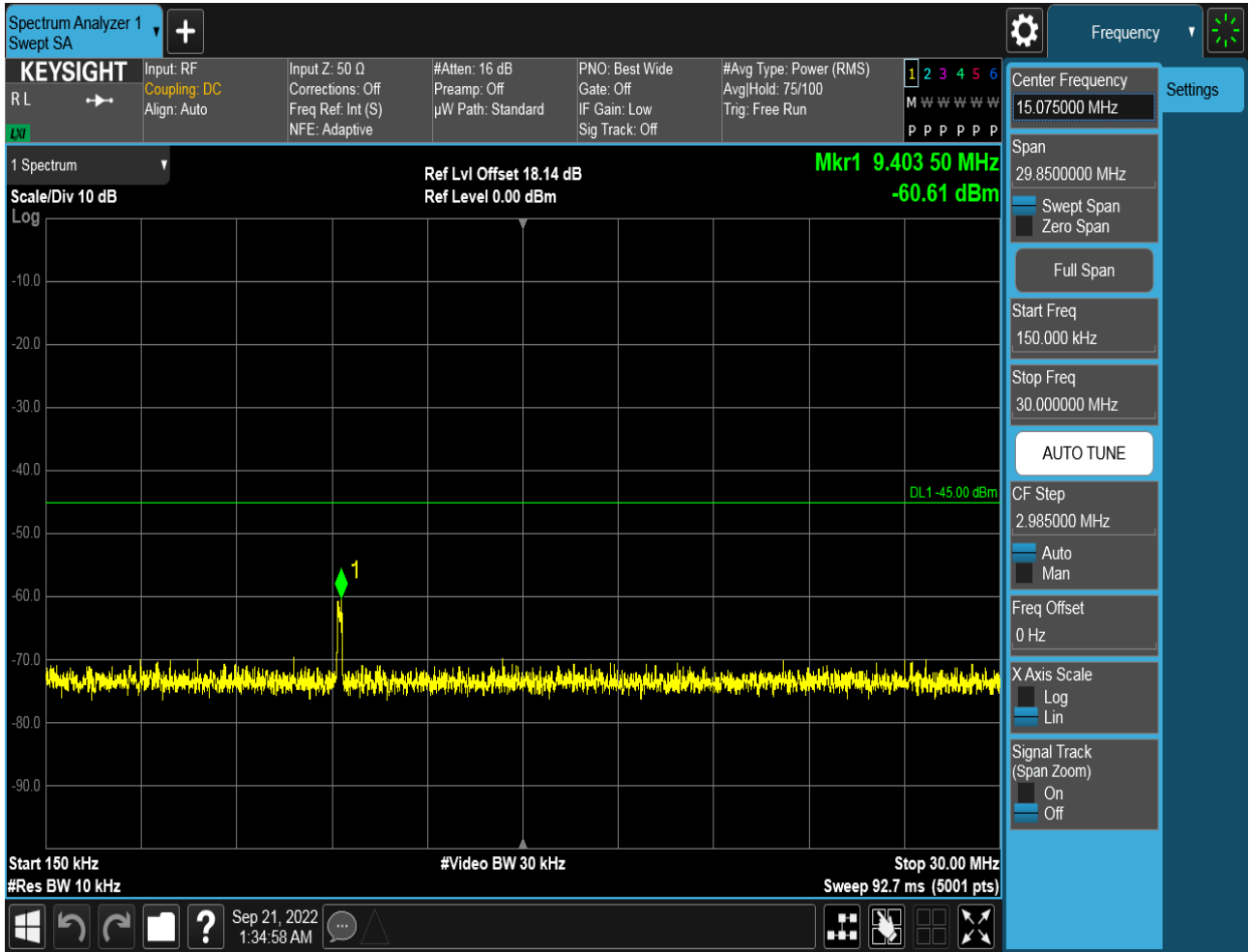


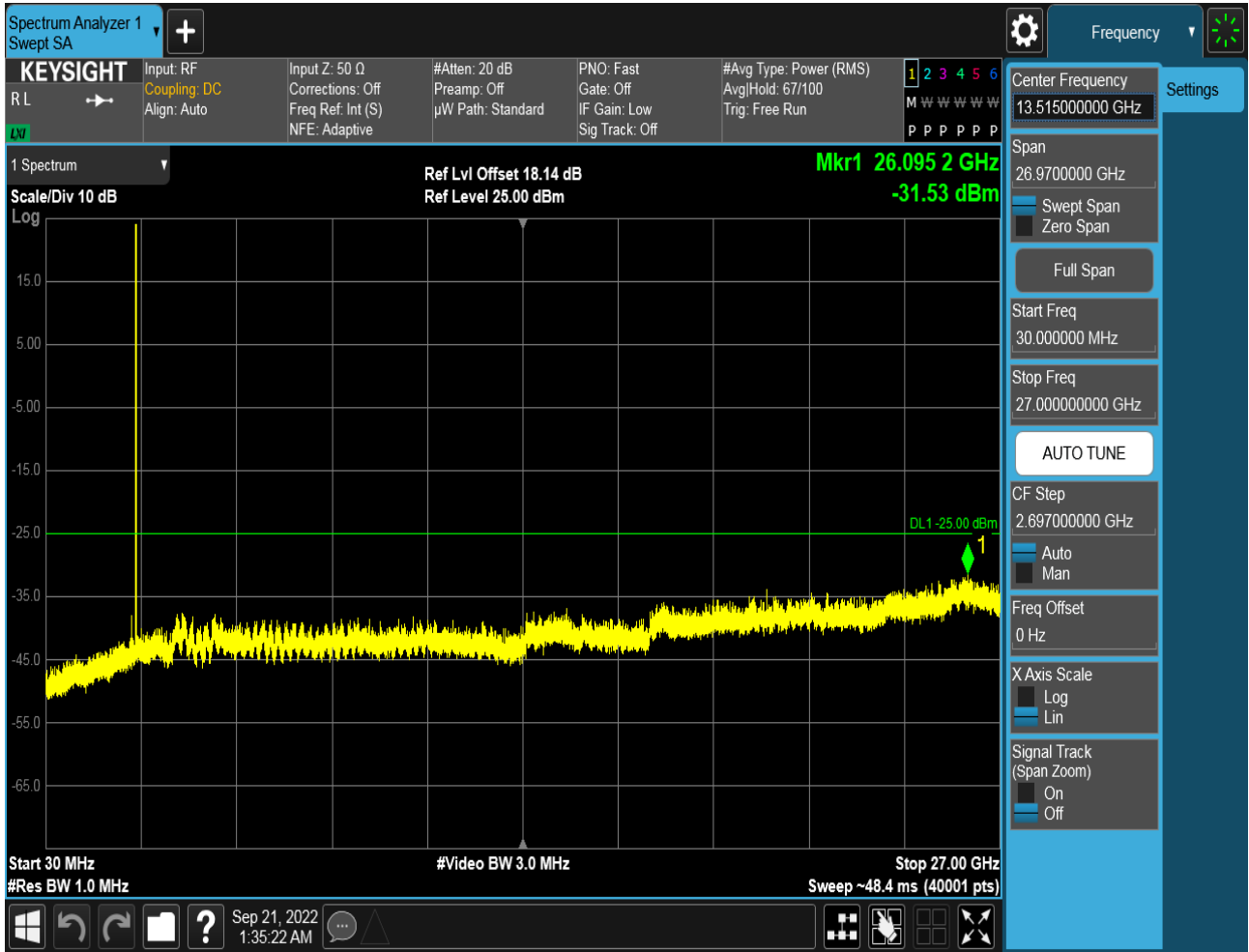
6.2.1.2.2 Test Bandwidth = 10MHz

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0

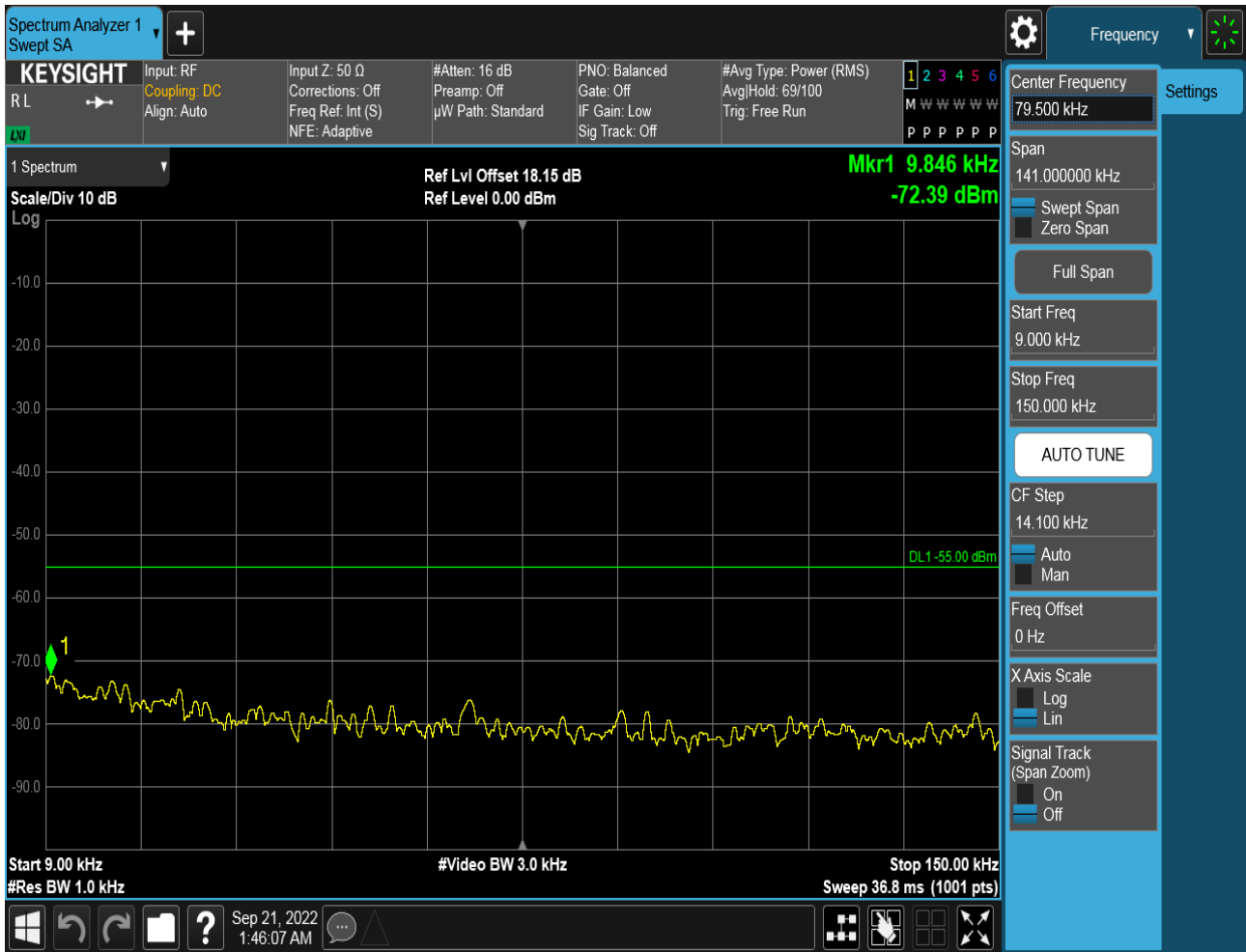


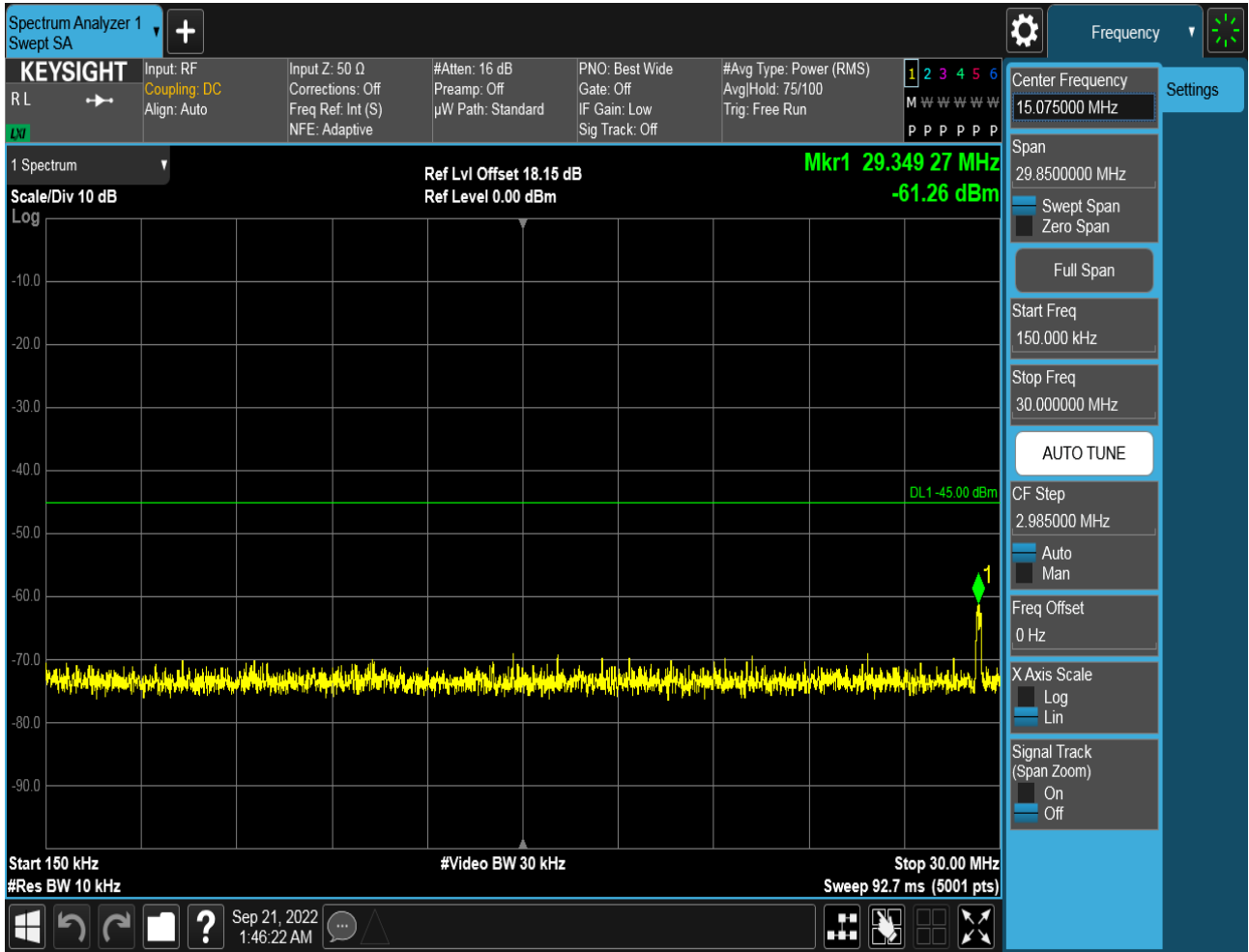


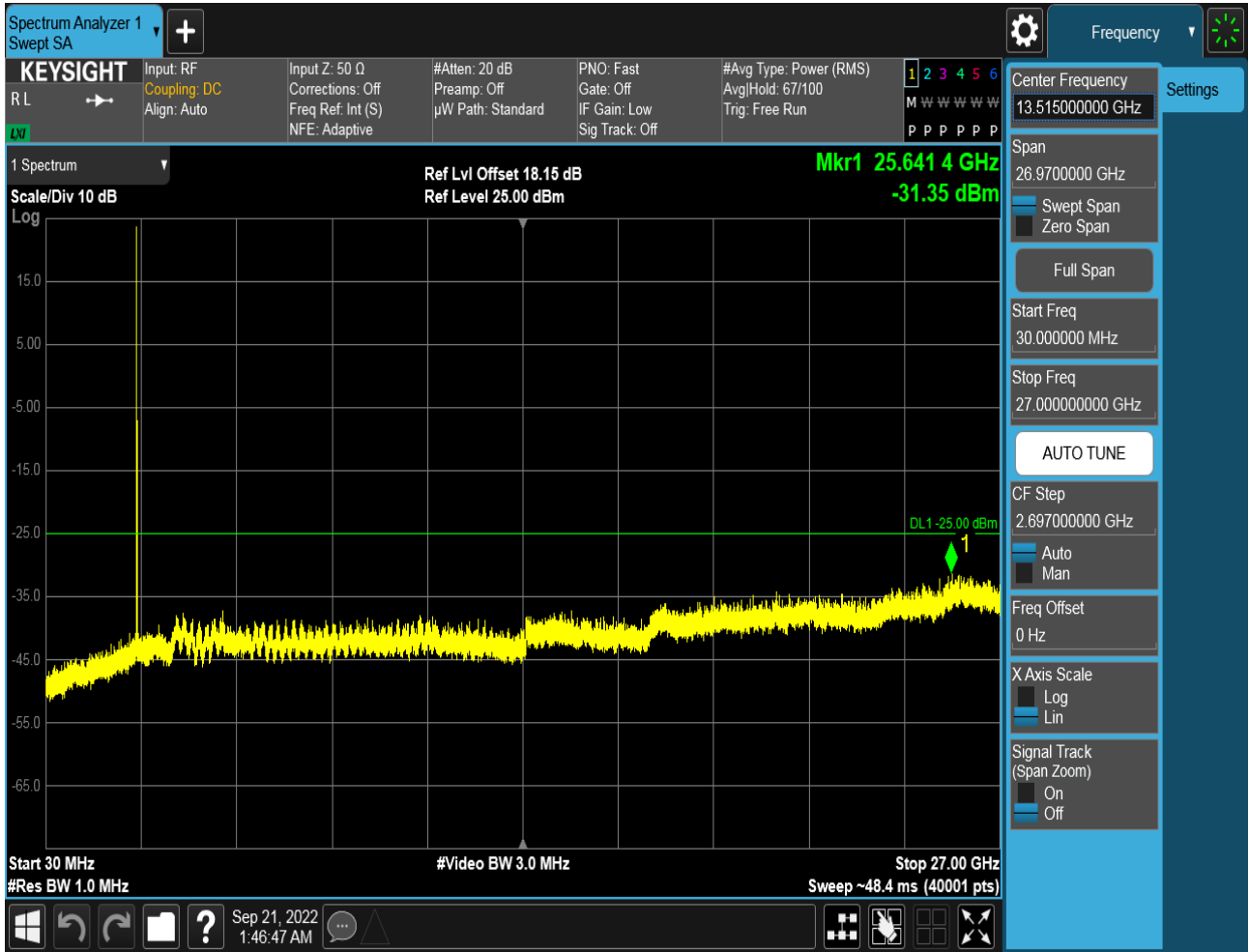


6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.1 Test RB = RB1#0

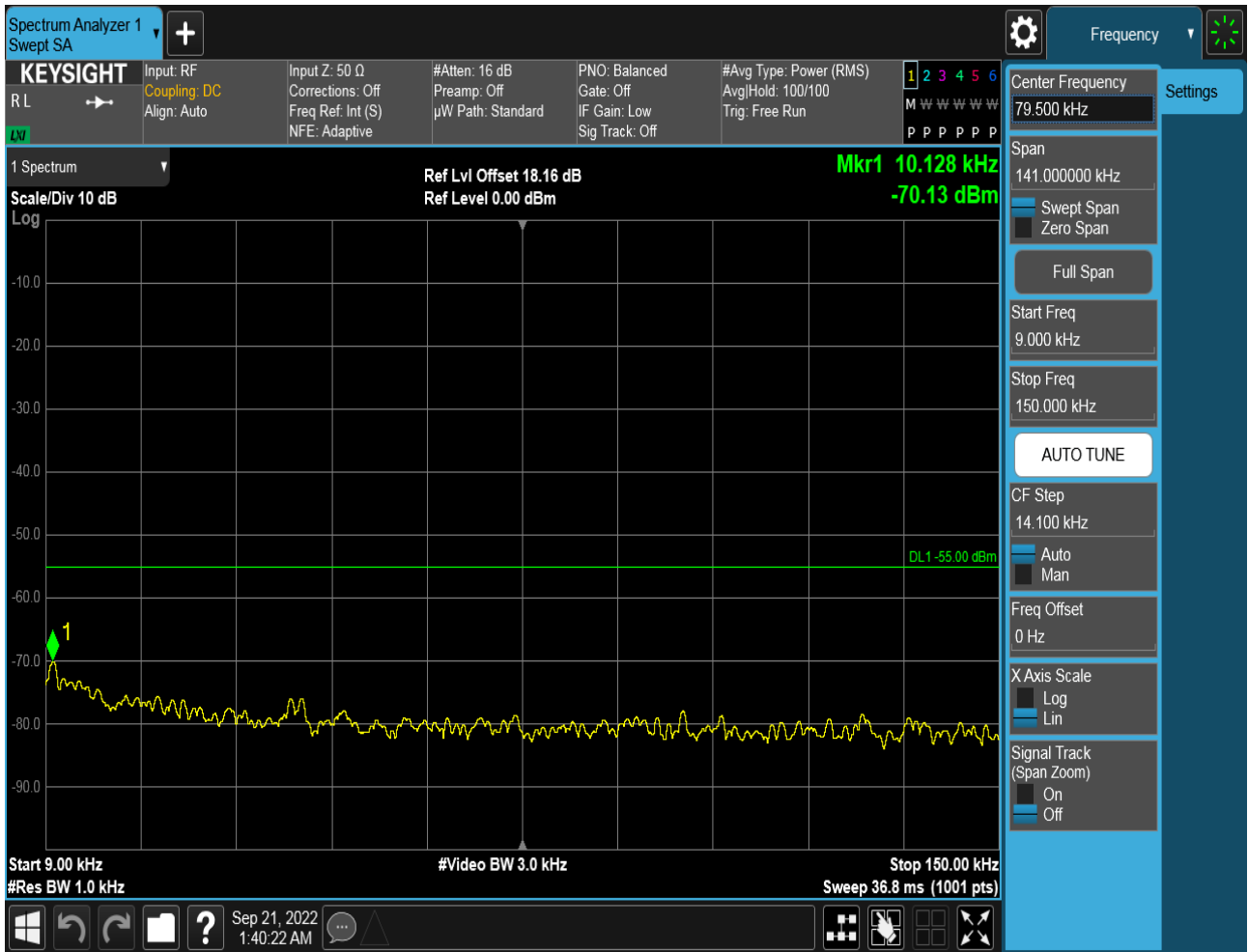


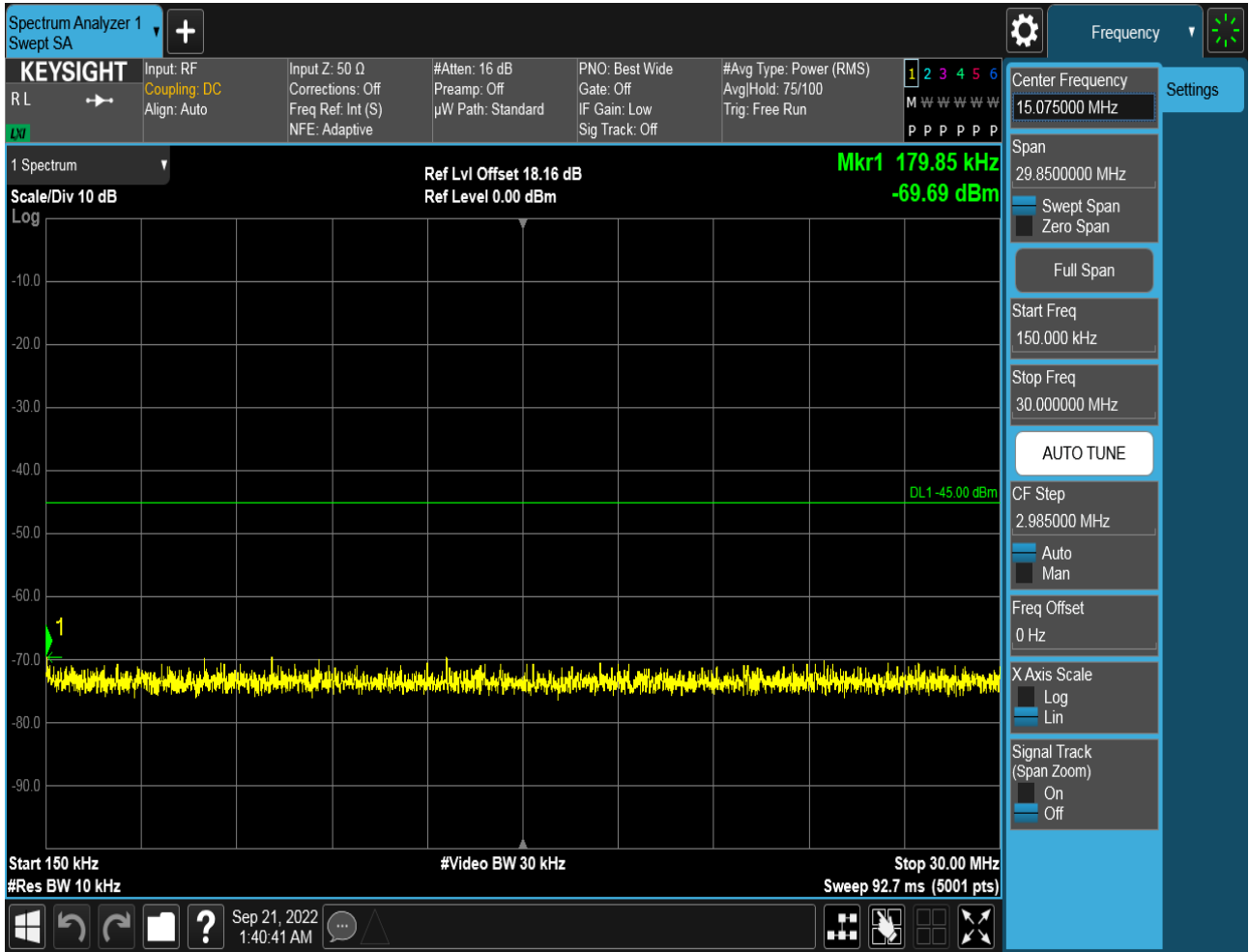


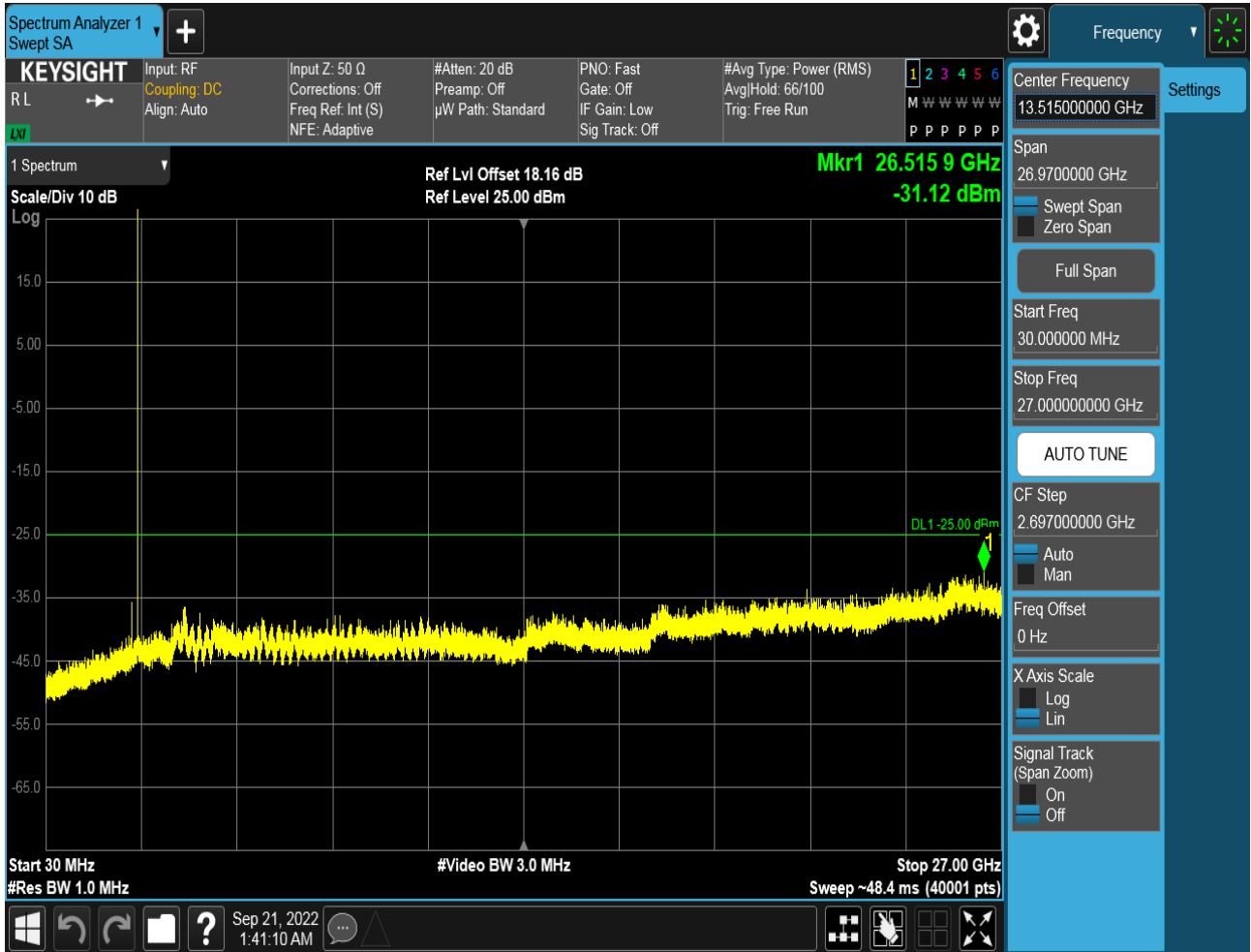


6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0



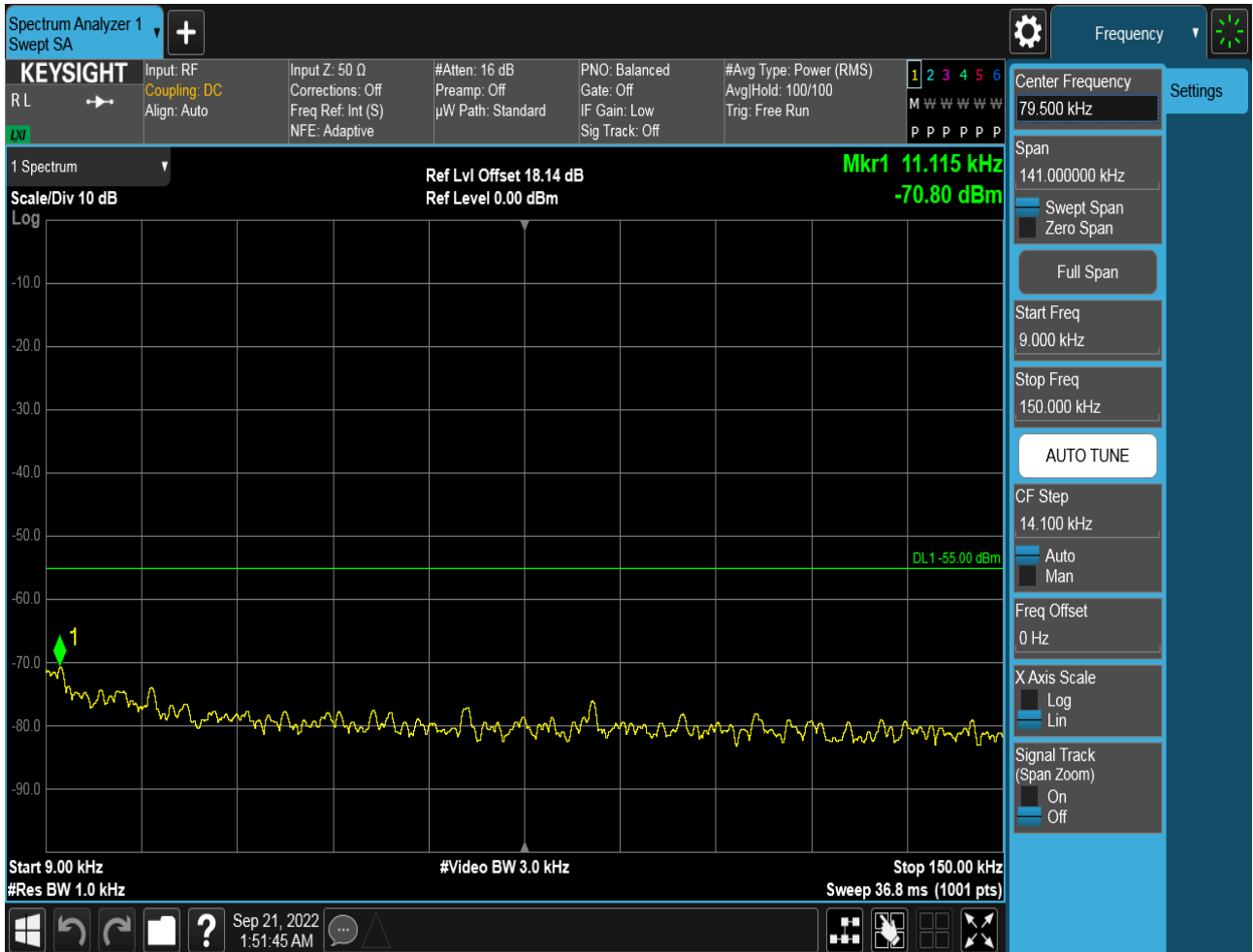


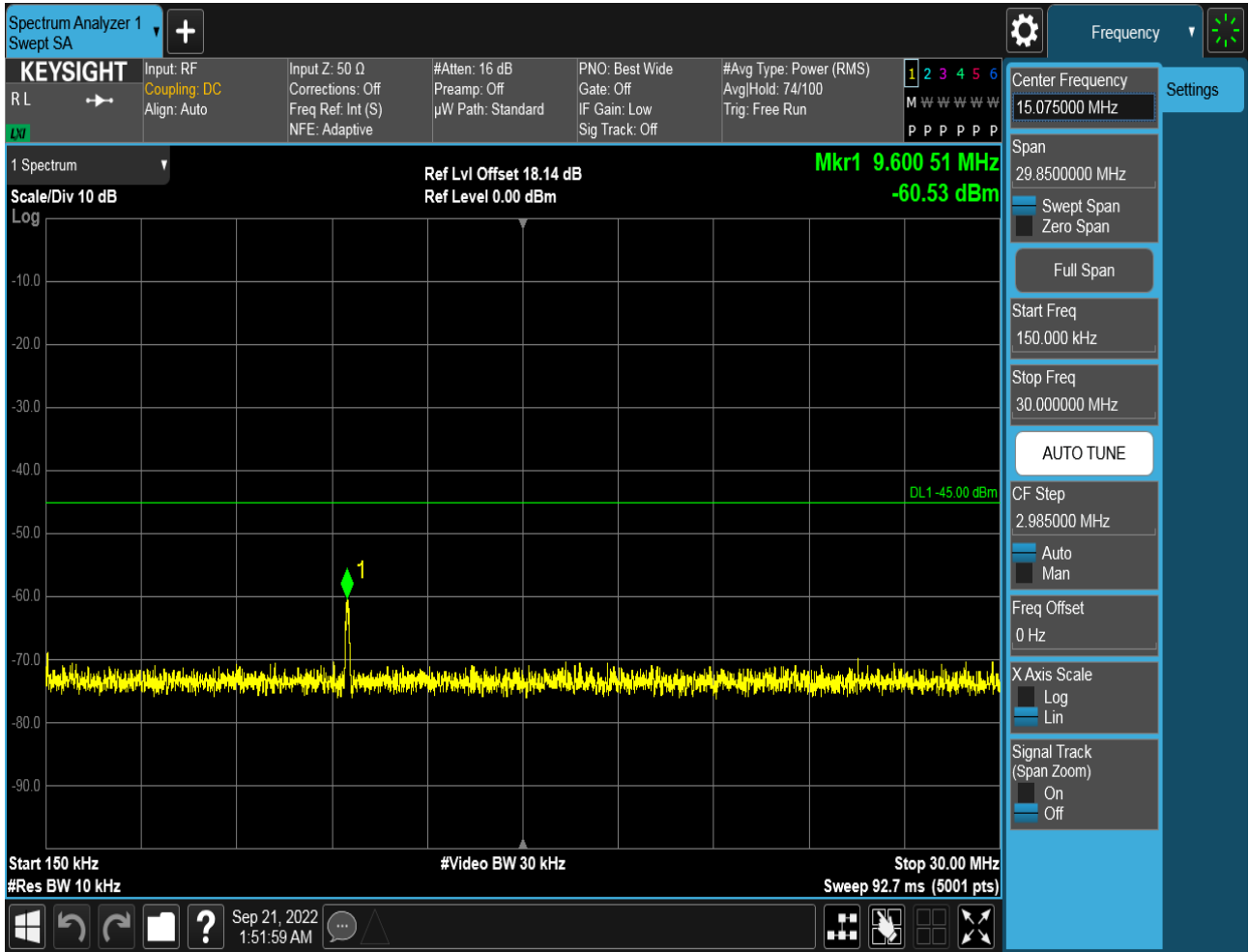


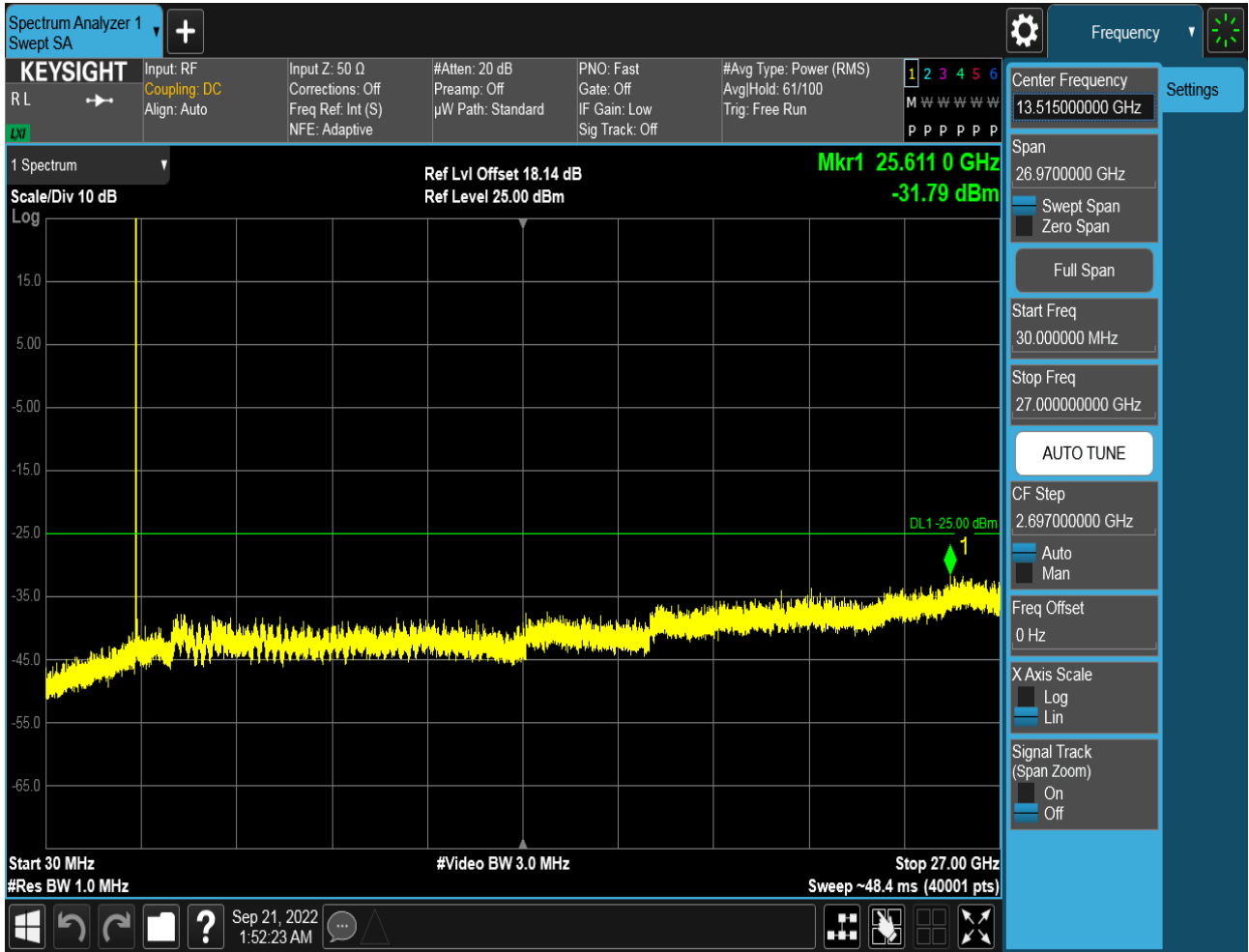
6.2.1.2.3 Test Bandwidth = 15MHz

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0

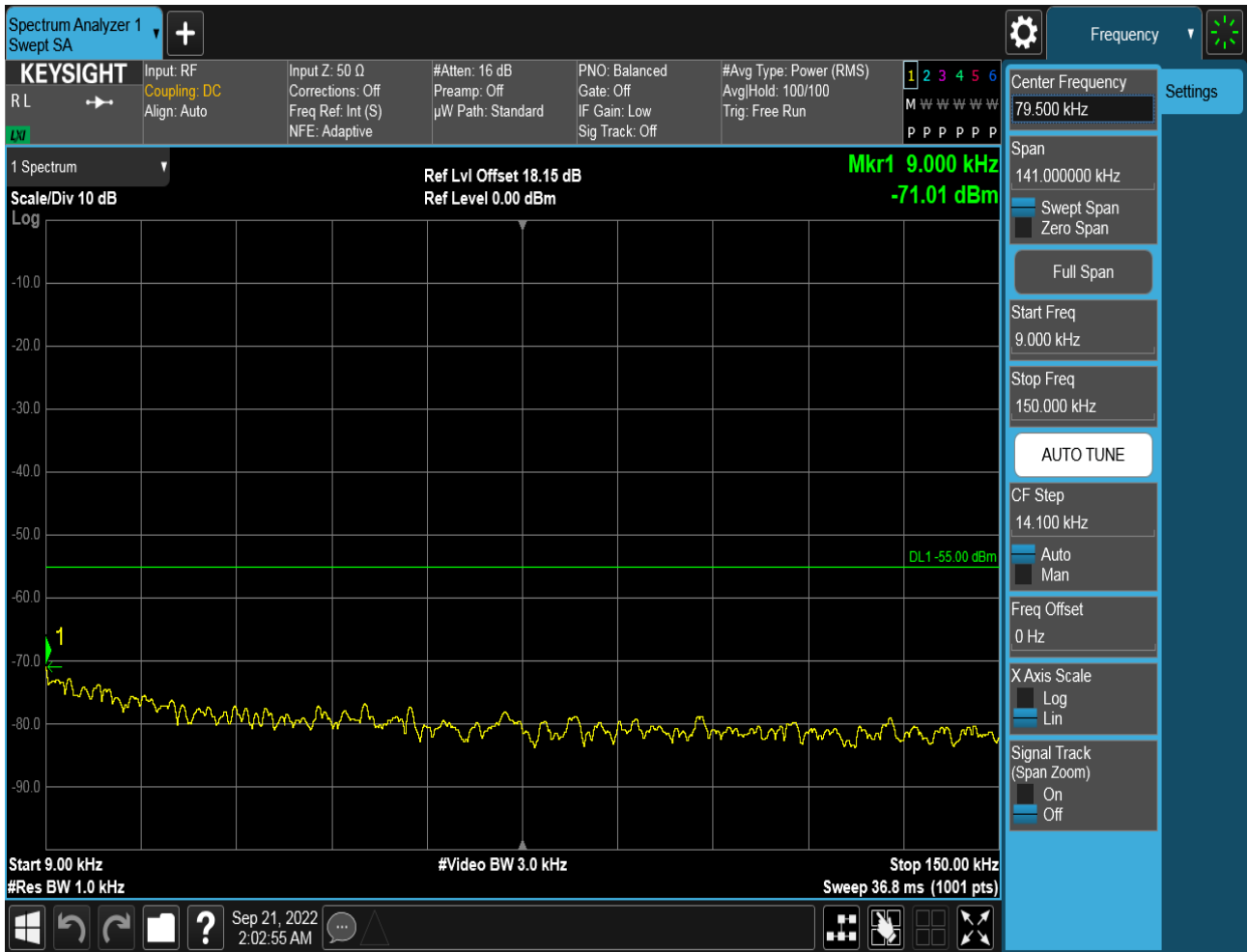


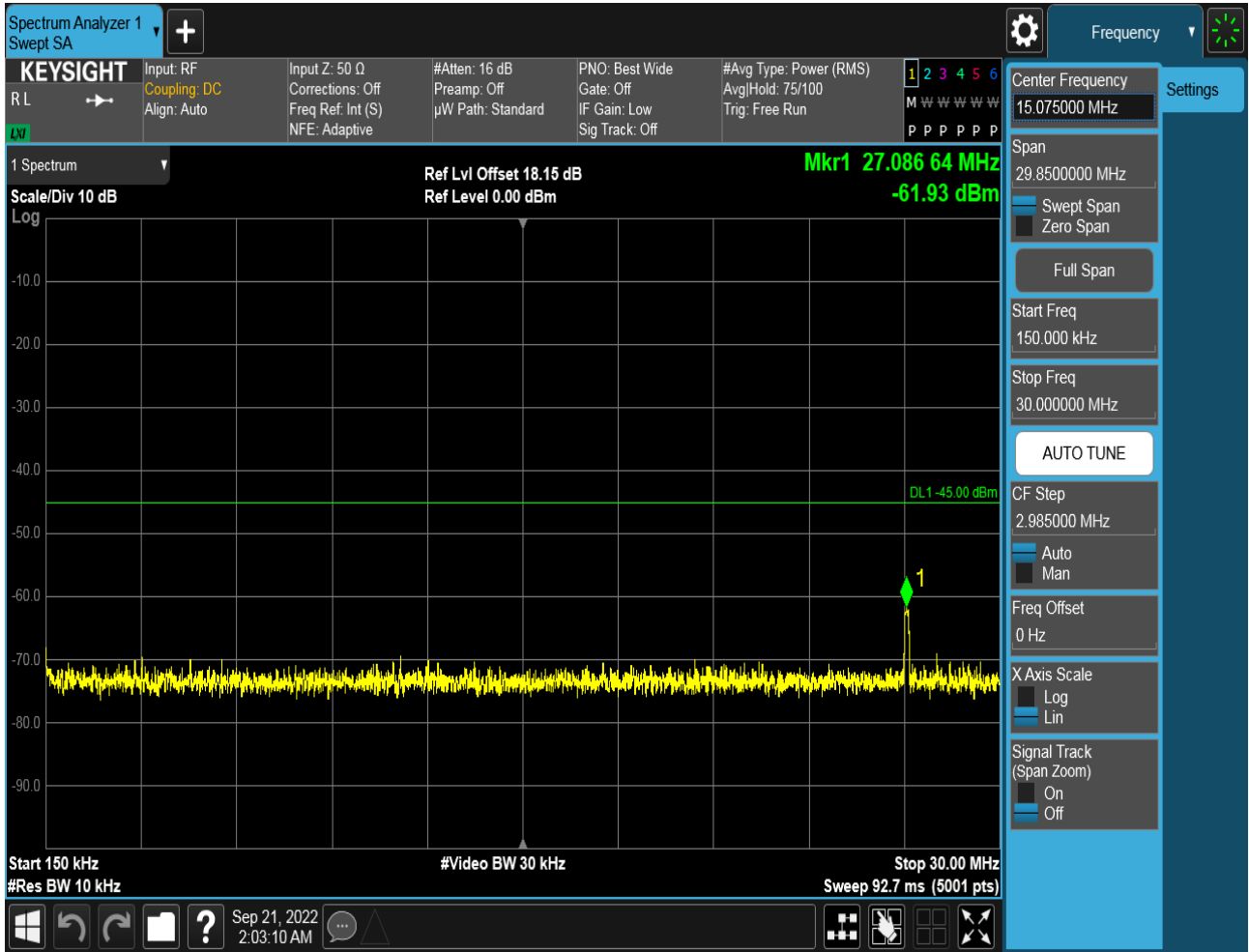


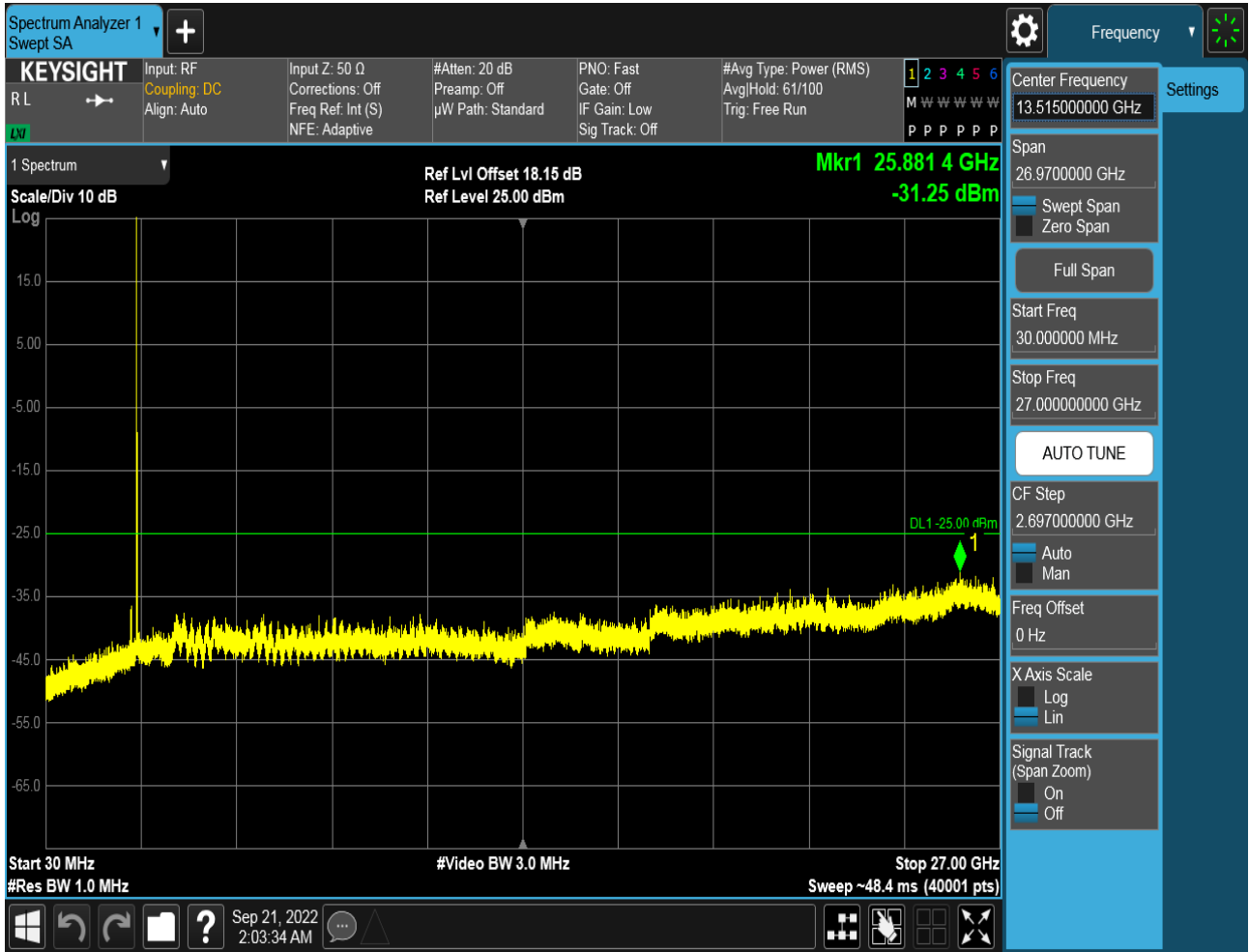


6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0

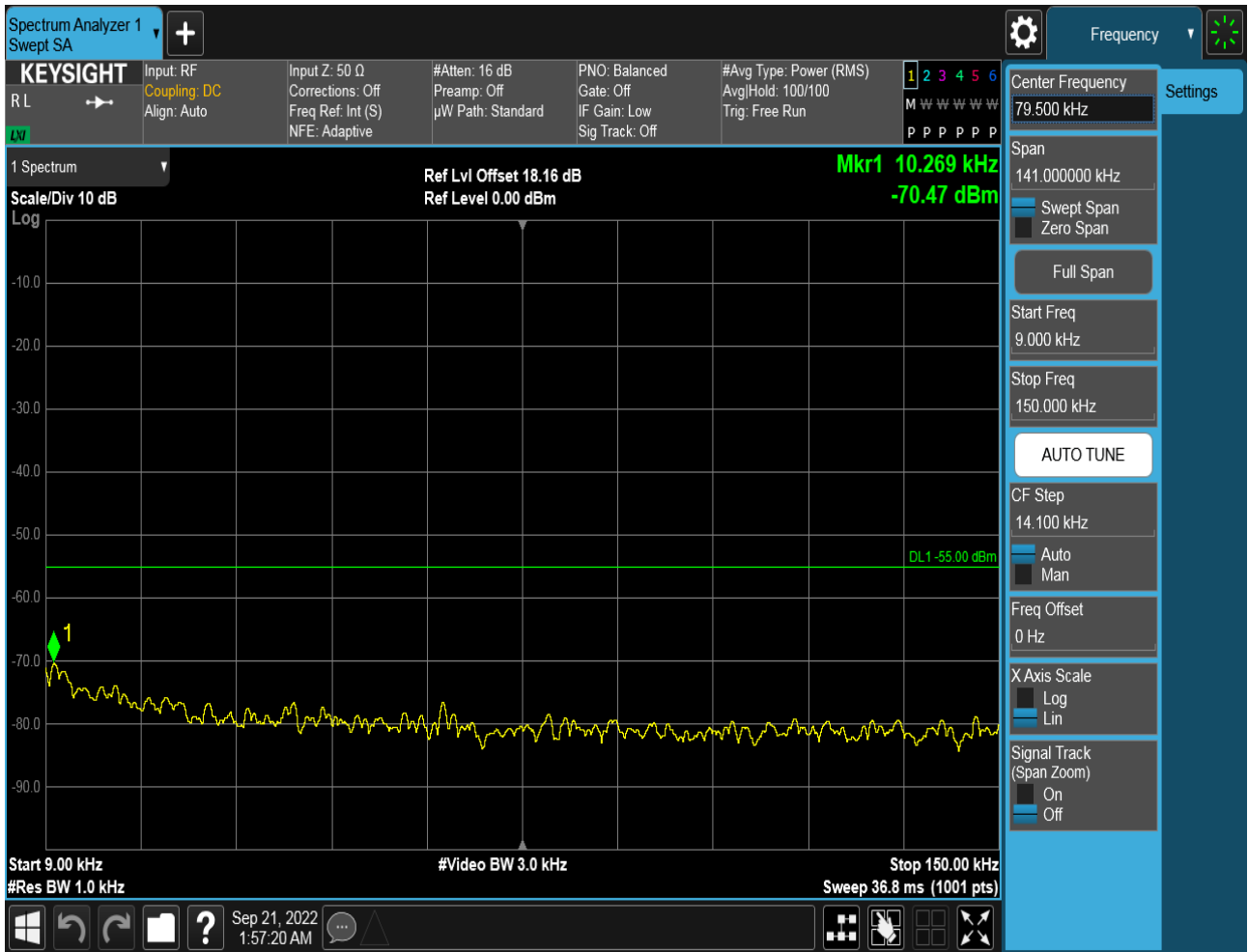


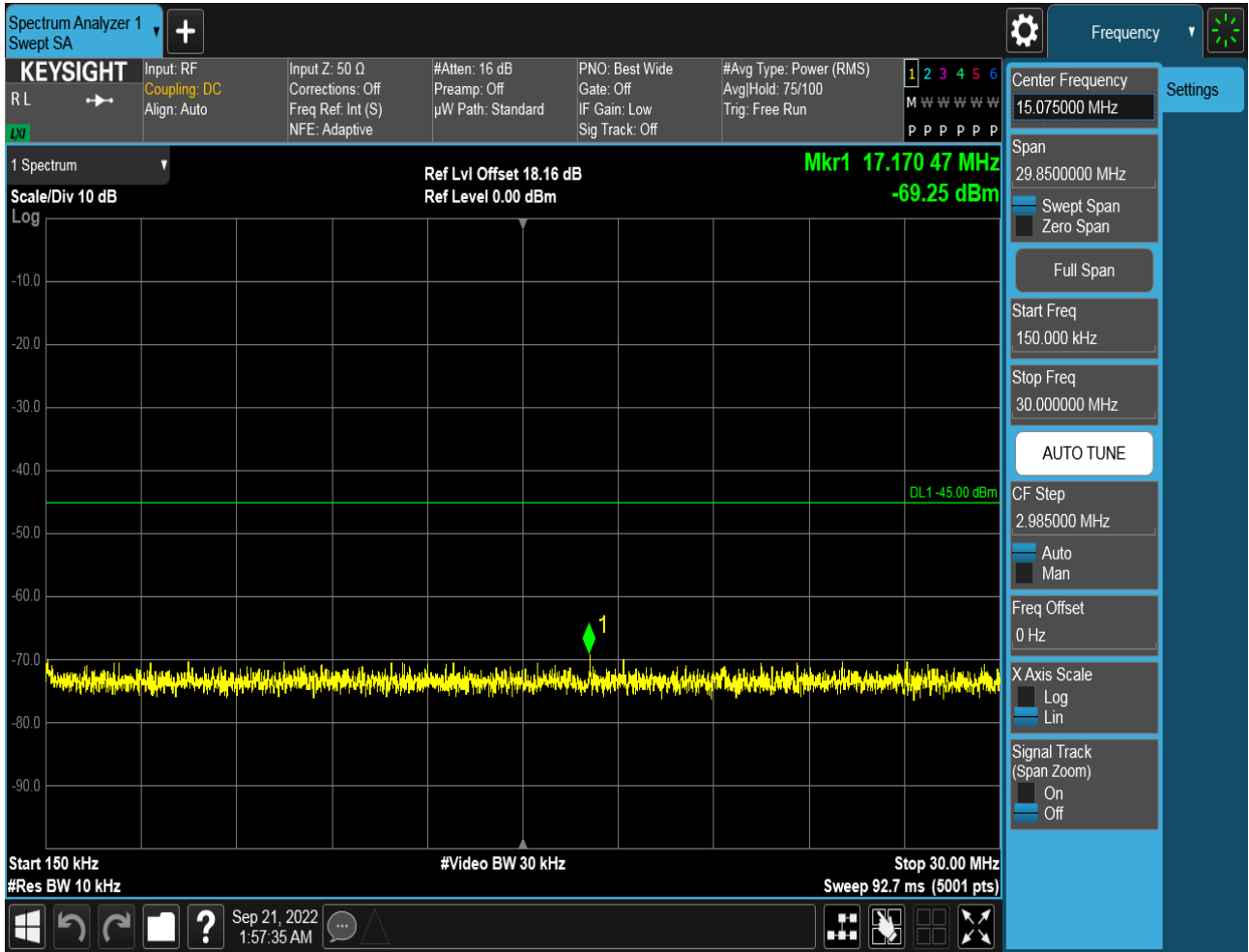


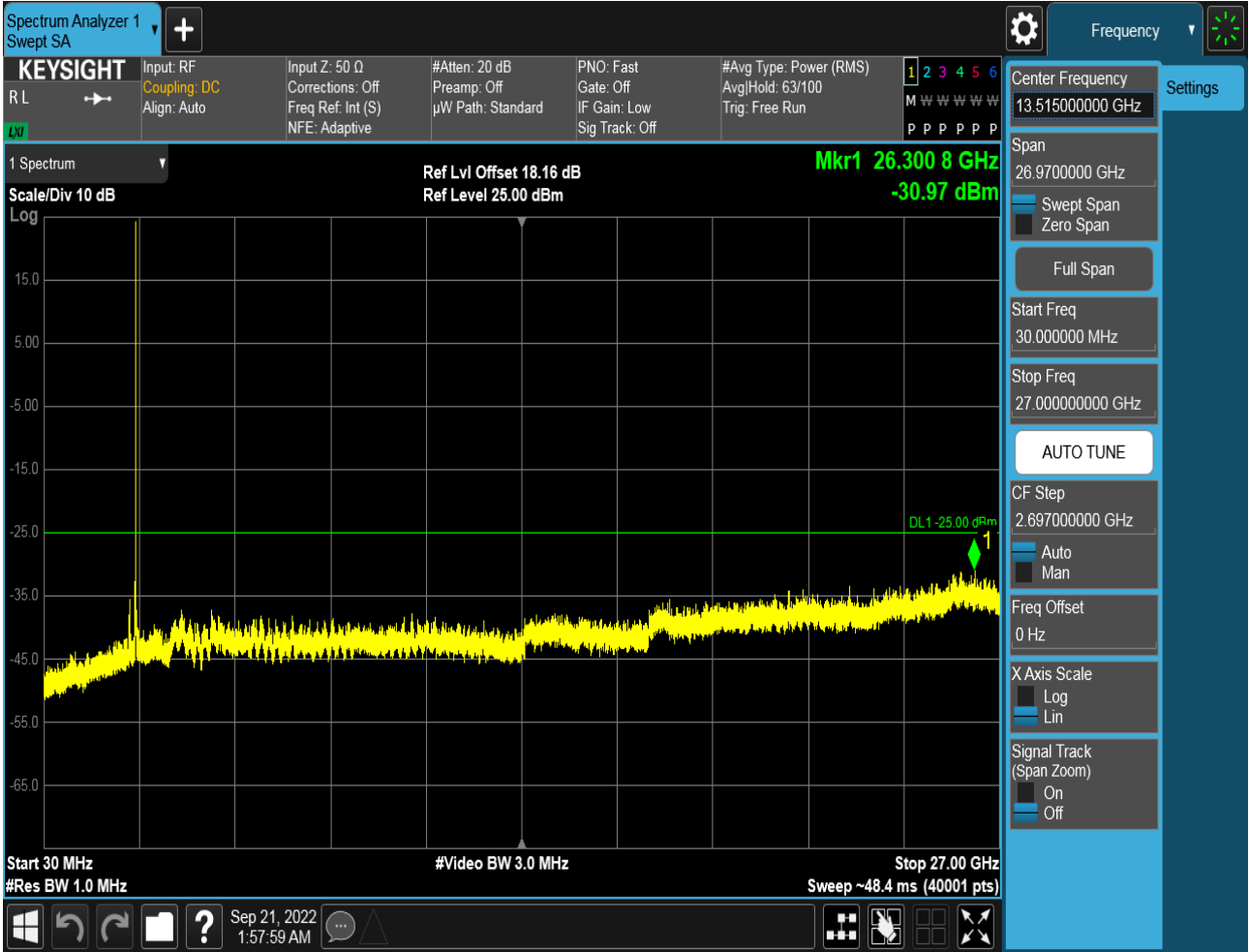


6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0



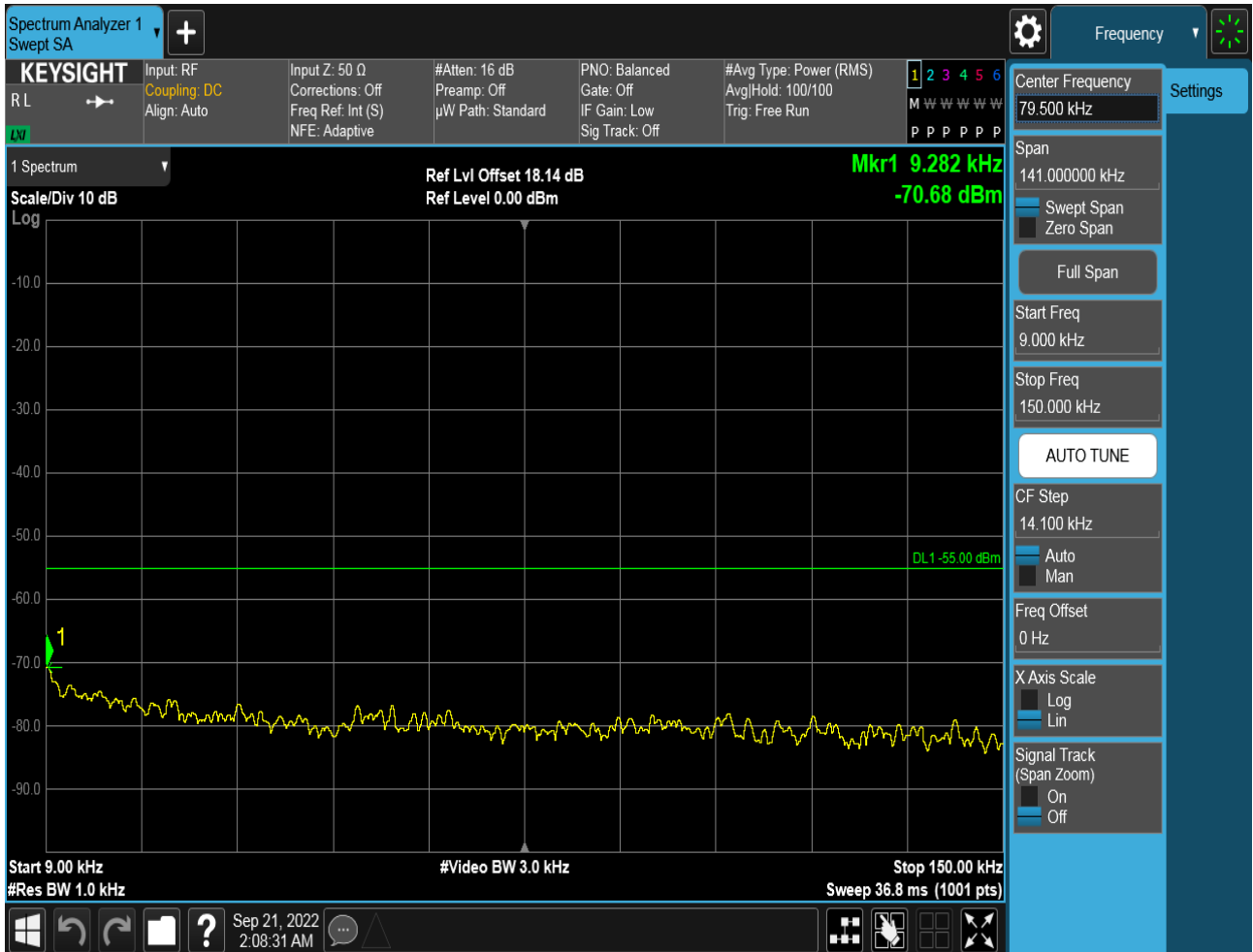


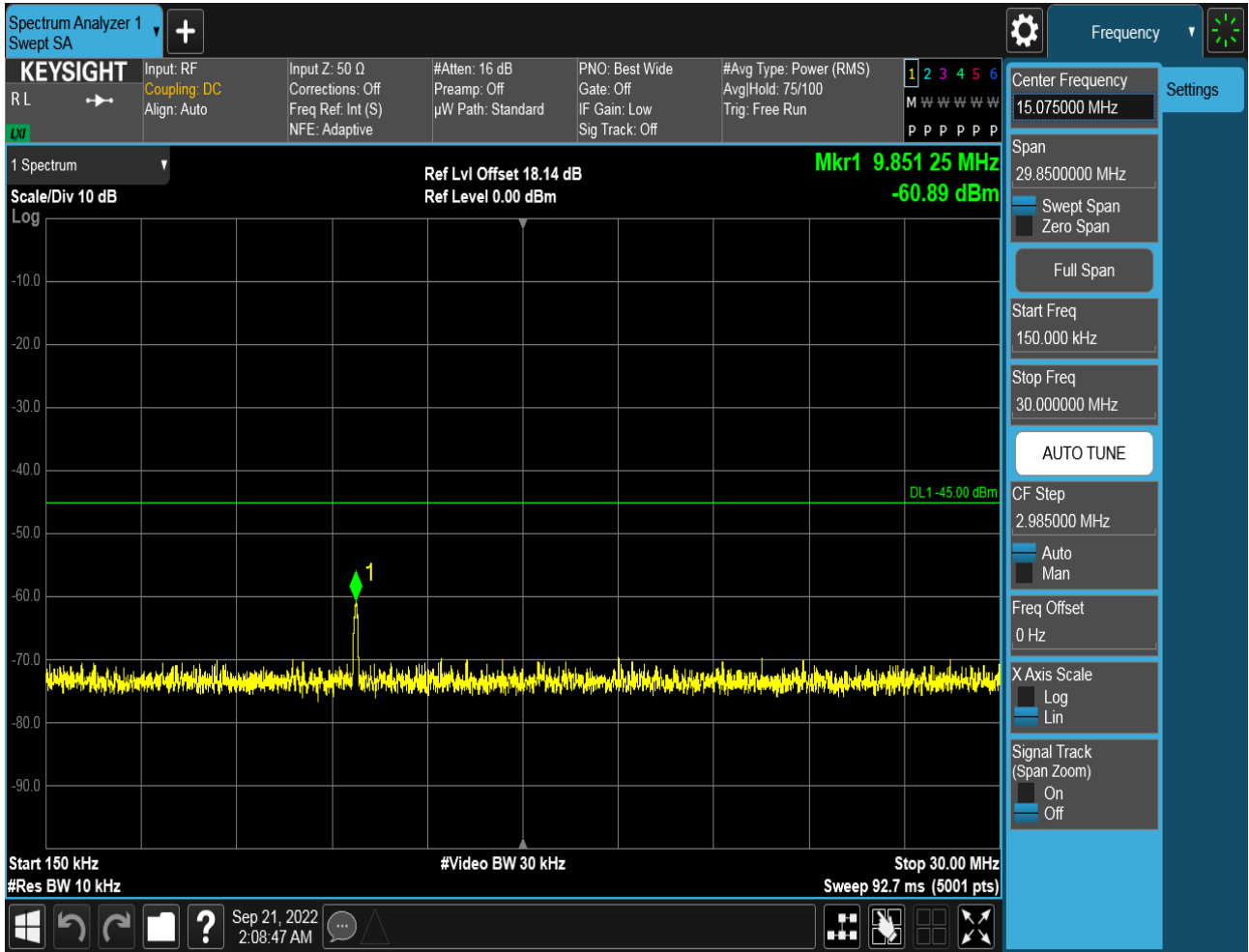


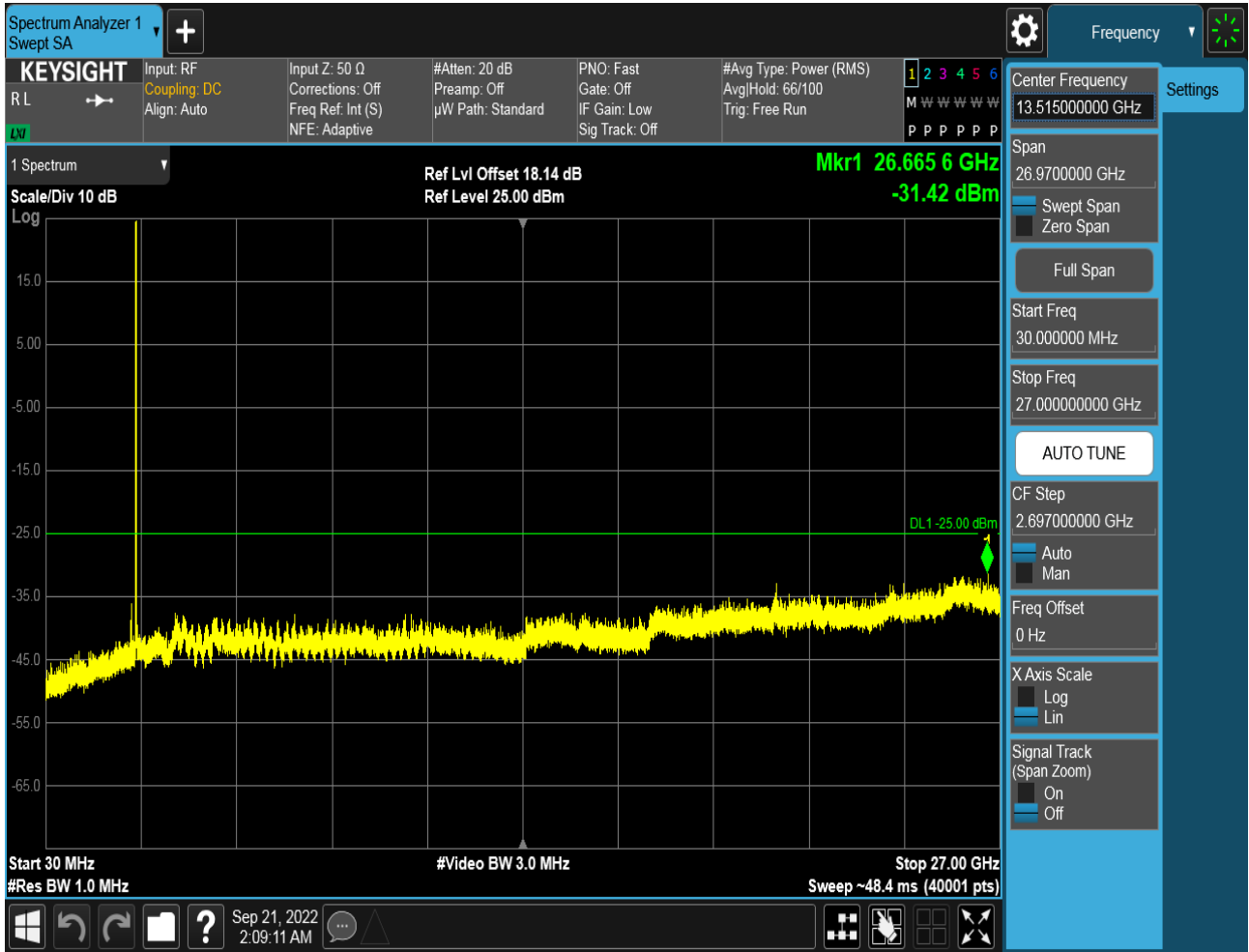
6.2.1.2.4 Test Bandwidth = 20MHz

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0

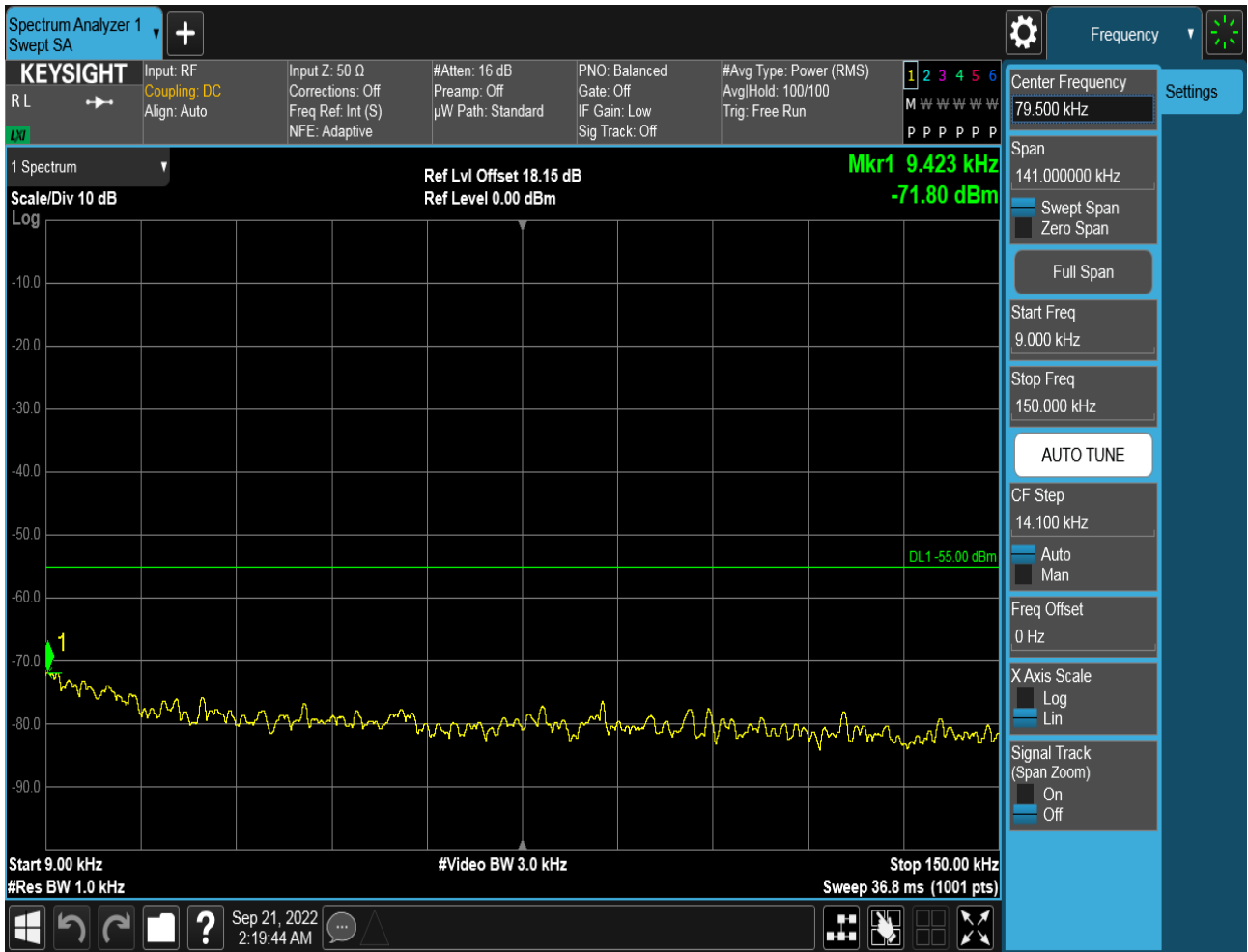


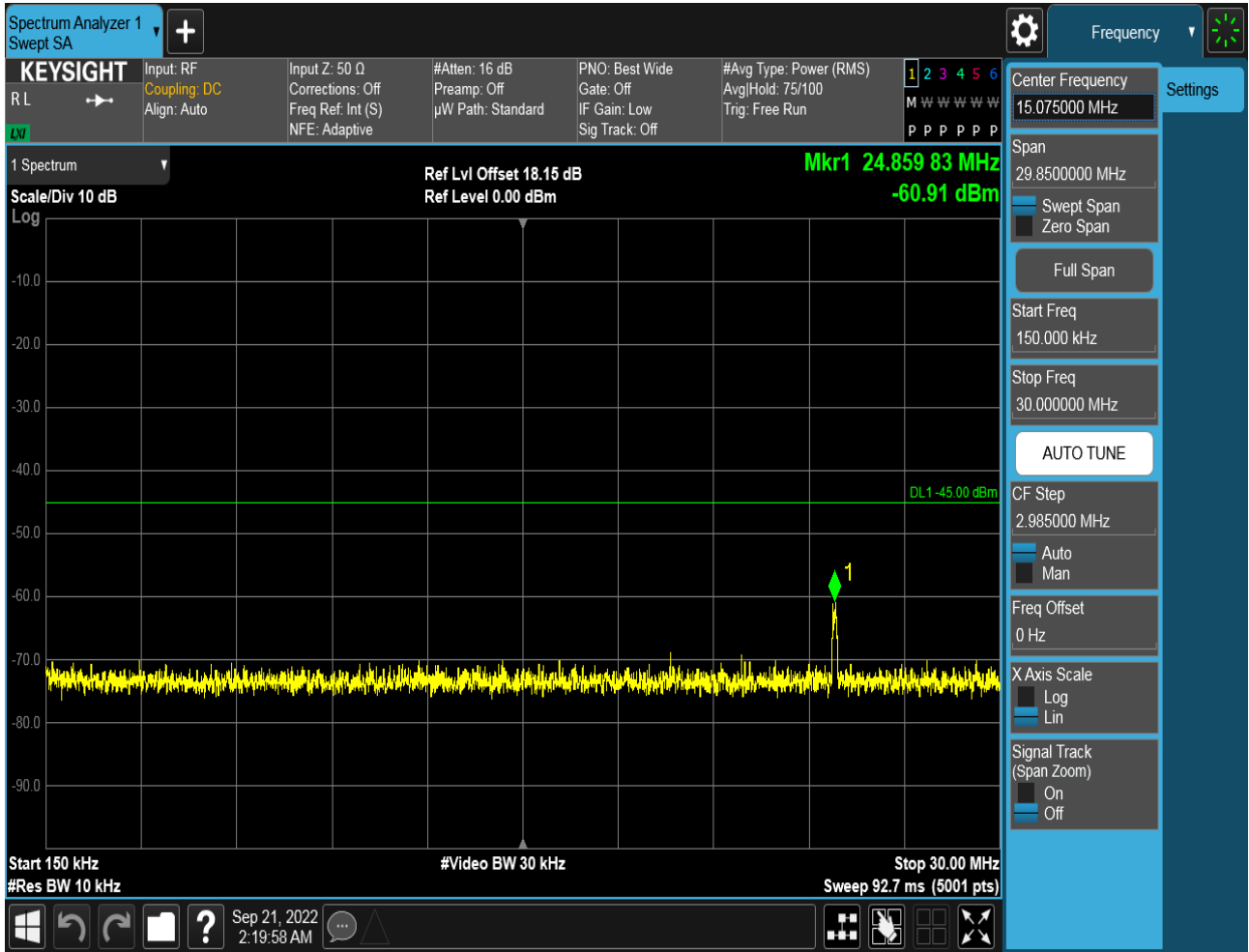


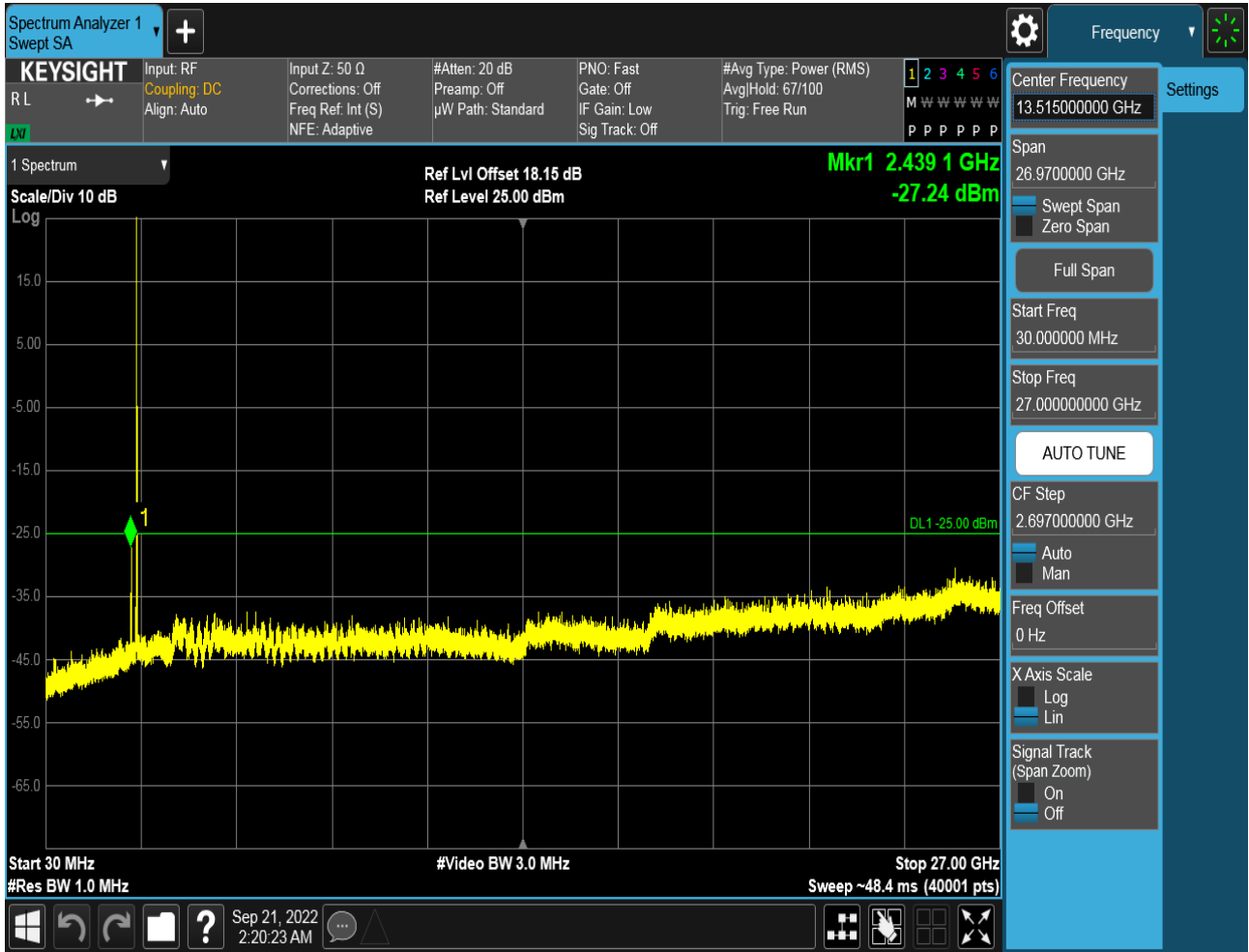


6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0

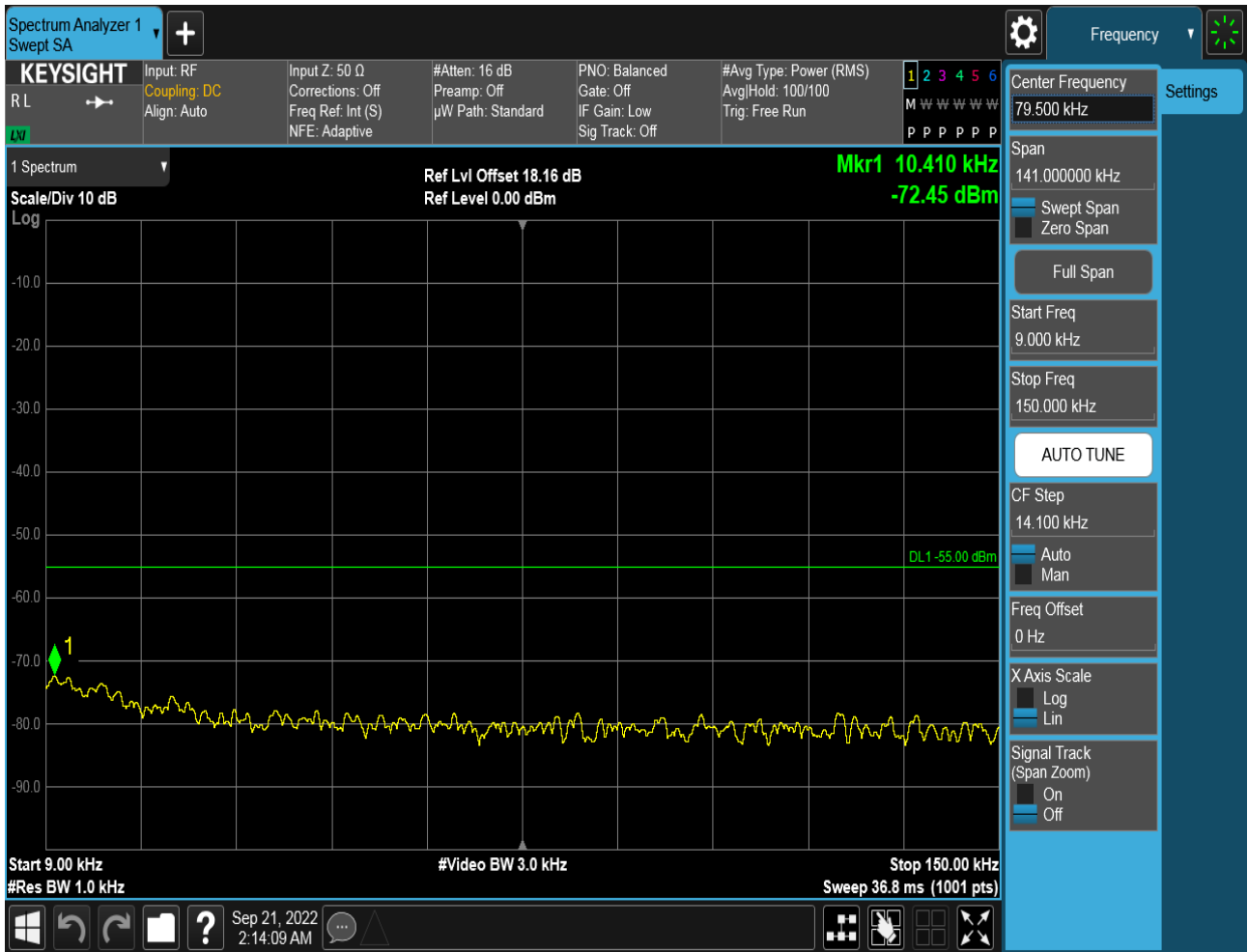


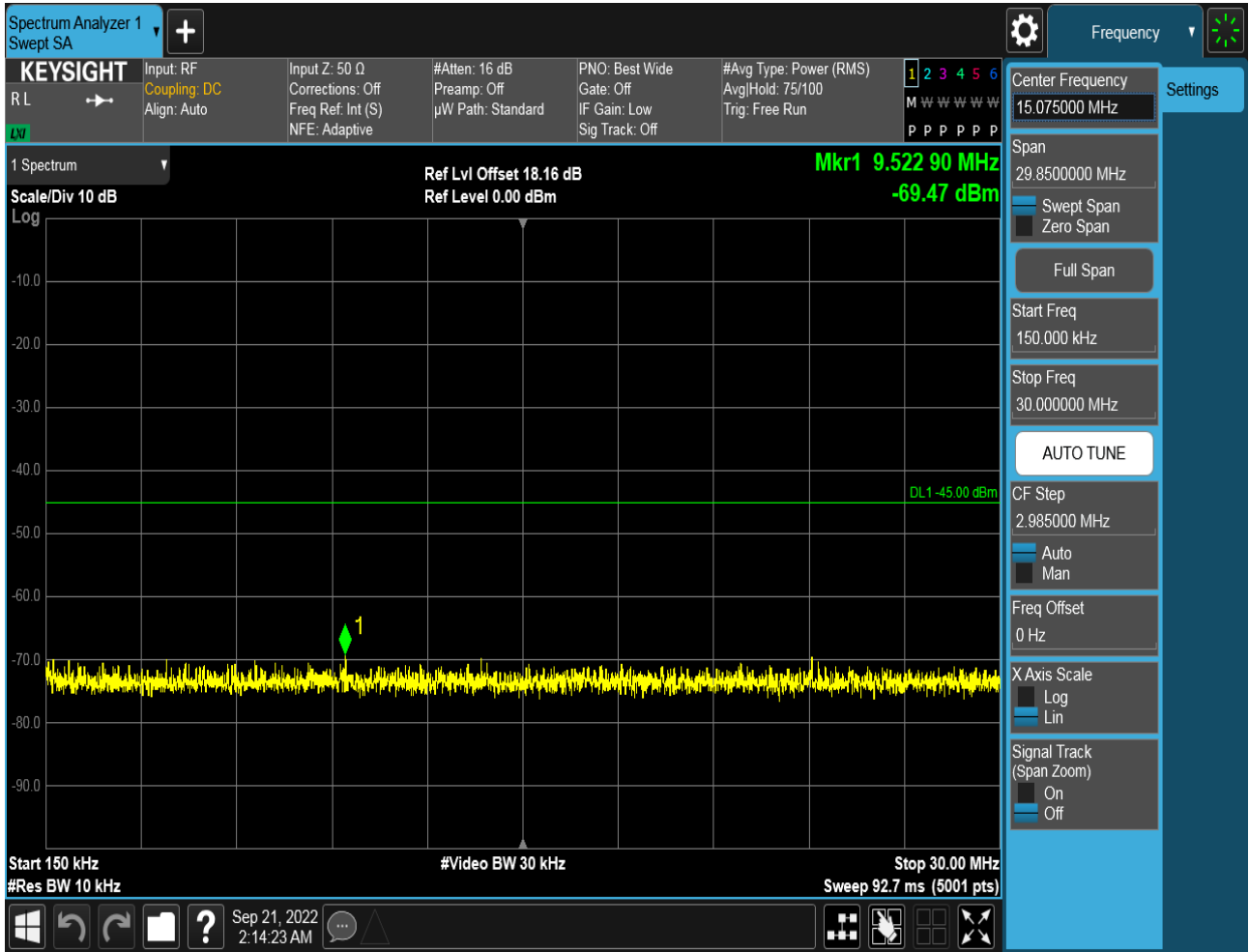


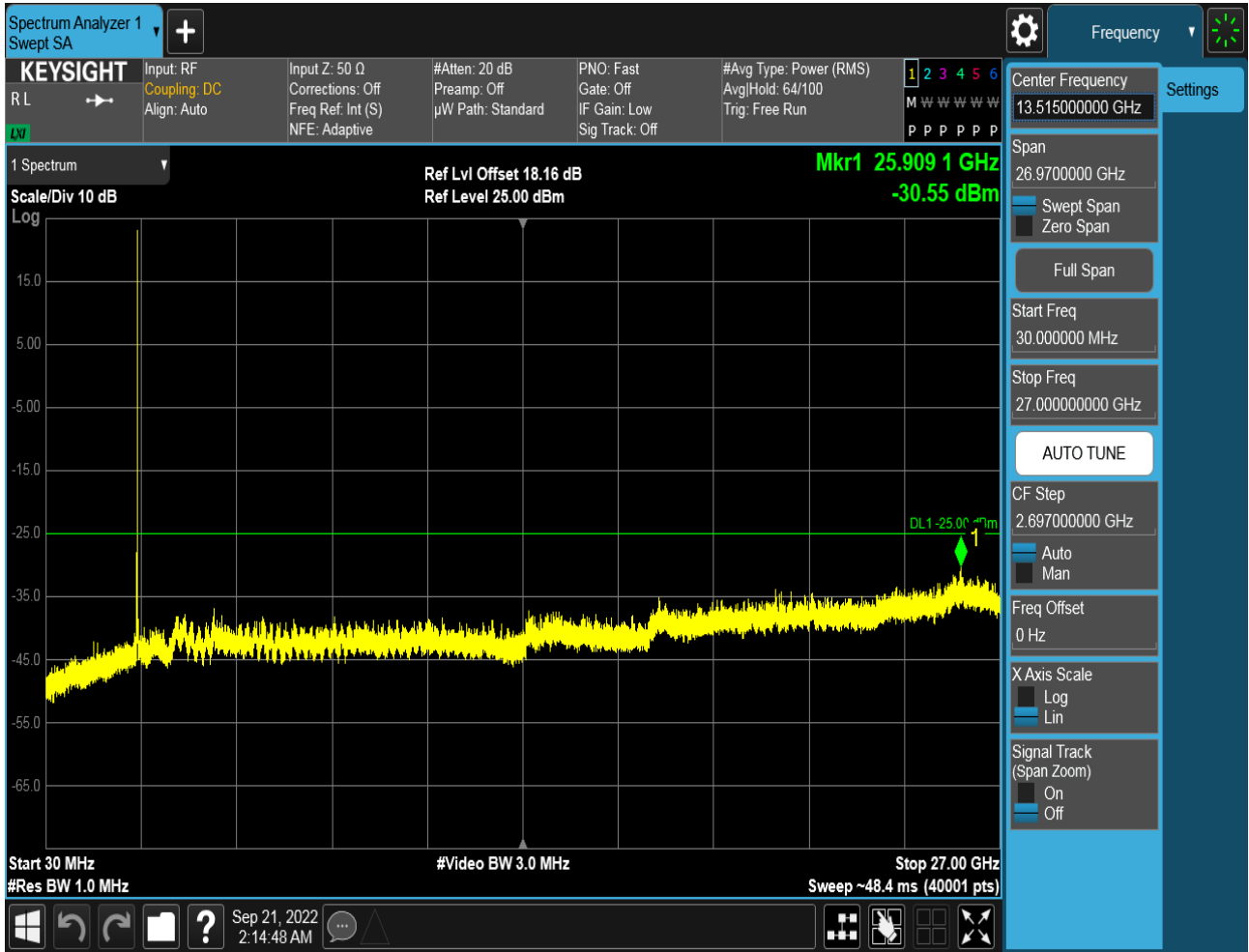


6.2.1.2.4.3 Test Channel = HCH

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

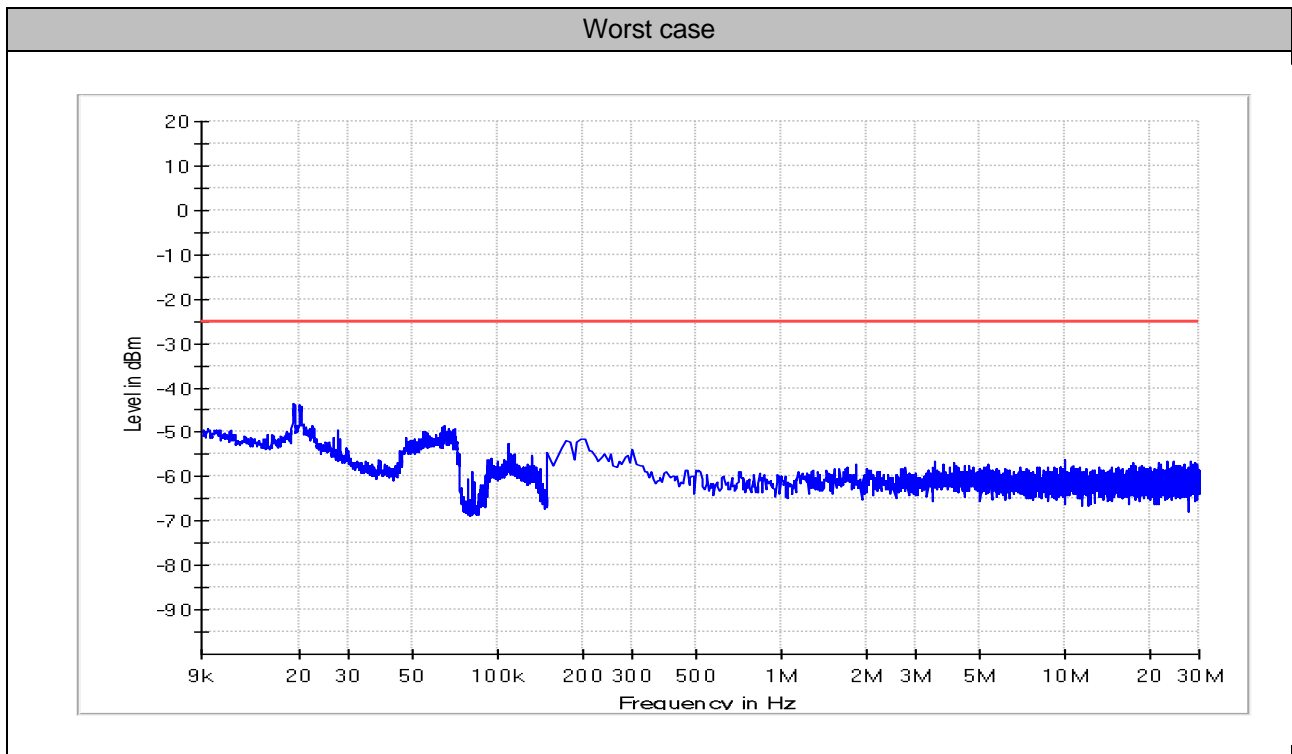
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

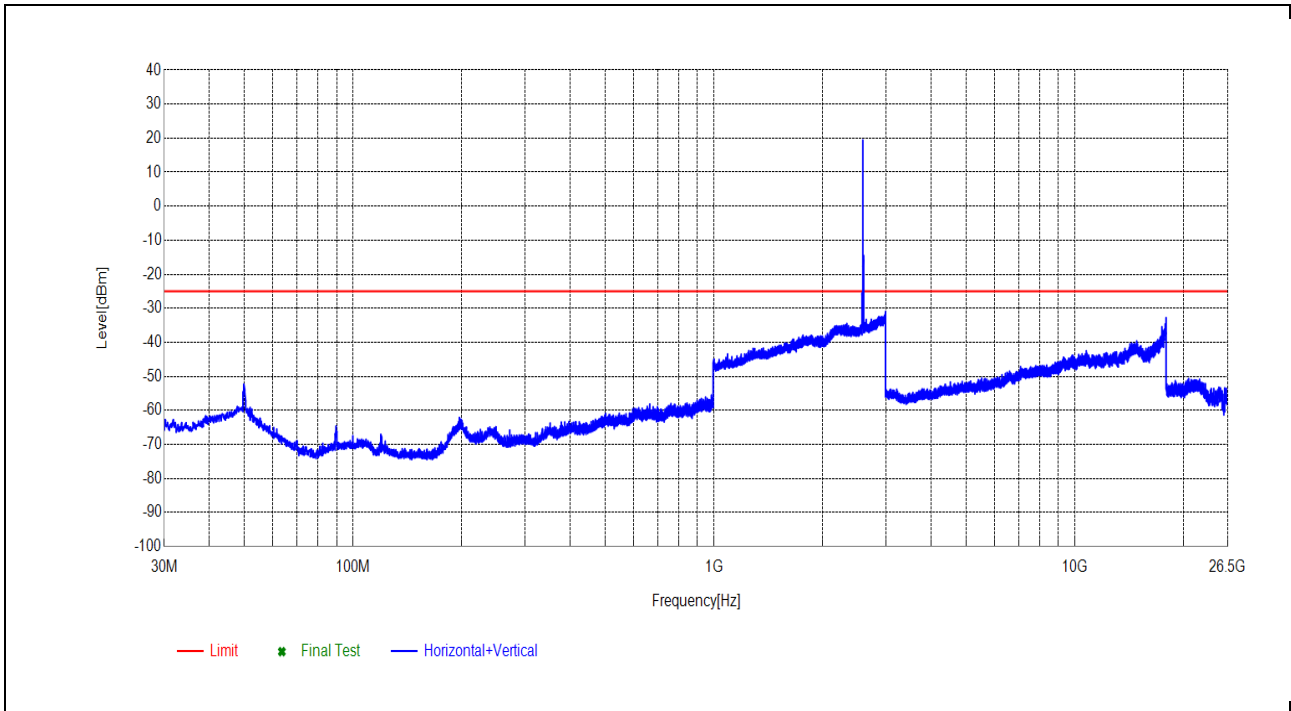
Part I - Test Plots

7.1 For LTE

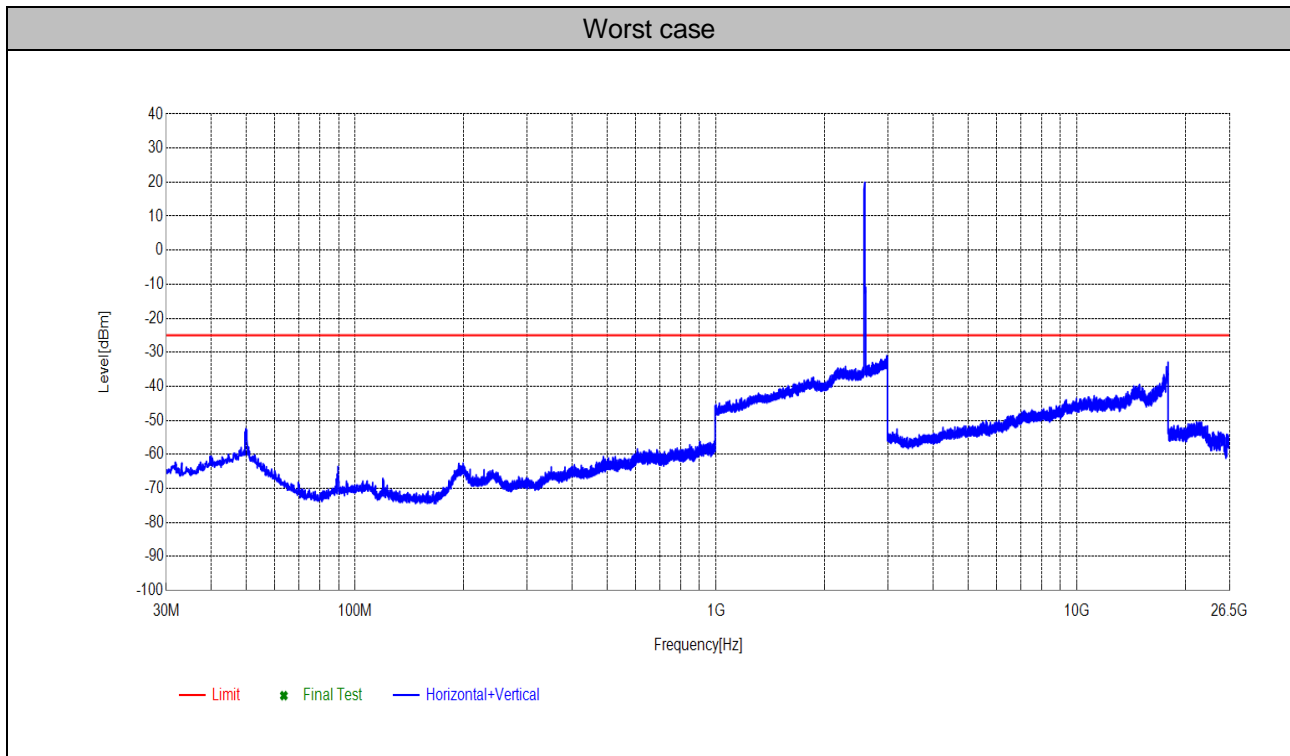
7.1.1 Test Band = Band38

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
Band38	LTE/TM1	5	LCH	TN	VL	0.72884	0.00028	PASS
					VN	19.57112	0.00761	PASS
					VH	-22.94958	-0.00892	PASS
			MCH	TN	VL	-8.17736	-0.00315	PASS
					VN	-1.26698	-0.00049	PASS
					VH	19.99016	0.00770	PASS
			HCH	TN	VL	-14.88862	-0.00569	PASS
					VN	-9.36761	-0.00358	PASS
					VH	17.18502	0.00657	PASS
		10	LCH	TN	VL	-4.84933	-0.00188	PASS
					VN	15.37398	0.00597	PASS
					VH	-12.56849	-0.00488	PASS
			MCH	TN	VL	-5.83099	-0.00225	PASS
					VN	-4.55774	-0.00176	PASS
					VH	-6.85067	-0.00264	PASS
			HCH	TN	VL	-6.26849	-0.00240	PASS
					VN	4.52686	0.00173	PASS
					VH	-3.11059	-0.00119	PASS
		15	LCH	TN	VL	-7.62802	-0.00296	PASS
					VN	-6.18997	-0.00240	PASS
					VH	-4.32199	-0.00168	PASS
			MCH	TN	VL	-1.61081	-0.00062	PASS
					VN	-4.26432	-0.00164	PASS
					VH	-4.57211	-0.00176	PASS
			HCH	TN	VL	-3.66623	-0.00140	PASS
					VN	-1.38276	-0.00053	PASS
					VH	-7.33104	-0.00281	PASS
		20	LCH	TN	VL	-7.30174	-0.00283	PASS
					VN	0.30933	0.00012	PASS
					VH	-2.05647	-0.00080	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	MCH	TN	VL	-7.11008	-0.00274	PASS
					VN	-2.56091	-0.00099	PASS
					VH	-2.02145	-0.00078	PASS
			HCH	TN	VL	-3.05931	-0.00117	PASS
					VN	-2.31296	-0.00089	PASS
					VH	-2.18263	-0.00084	PASS
			LCH	TN	VL	23.03497	0.00895	PASS
					VN	11.52963	0.00448	PASS
					VH	1.63323	0.00063	PASS
			MCH	TN	VL	-4.73691	-0.00183	PASS
					VN	30.41791	0.01172	PASS
					VH	-0.45939	-0.00026	PASS
		HCH	TN	VL	-0.11865	-0.00007	PASS	
				VN	-6.45922	-0.00247	PASS	
				VH	-8.01859	-0.00306	PASS	
		10	LCH	TN	VL	-7.49617	-0.00291	PASS
					VN	-3.86285	-0.00150	PASS
					VH	-11.16155	-0.00433	PASS
			MCH	TN	VL	-1.79372	-0.00069	PASS
					VN	-4.53803	-0.00175	PASS
					VH	7.44045	0.00287	PASS
			HCH	TN	VL	7.02251	0.00269	PASS
					VN	0.20404	0.00008	PASS
					VH	-5.71669	-0.00219	PASS
		15	LCH	TN	VL	-4.67569	-0.00181	PASS
					VN	-6.32385	-0.00245	PASS
					VH	-7.09182	-0.00275	PASS
			MCH	TN	VL	-1.71149	-0.00066	PASS
					VN	-3.97385	-0.00153	PASS
					VH	-4.81970	-0.00186	PASS
			HCH	TN	VL	-1.60020	-0.00061	PASS
					VN	-3.38340	-0.00130	PASS
					VH	-4.27523	-0.00164	PASS
		20	LCH	TN	VL	-1.33567	-0.00052	PASS
					VN	-1.04137	-0.00040	PASS
					VH	-6.81138	-0.00264	PASS
			MCH	TN	VL	-3.52468	-0.00136	PASS
					VN	-1.76778	-0.00068	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	-0.11526	-0.00004	PASS
			HCH	TN	VL	1.85082	0.00071	PASS
					VN	-1.06951	-0.00041	PASS
					VH	-1.90848	-0.00073	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
Band38	LTE/TM1	5	LCH	VN	-30	1.16830	0.00045	PASS
					-20	15.13743	0.00588	PASS
					-10	-6.40688	-0.00249	PASS
					0	9.63150	0.00374	PASS
					10	15.90095	0.00618	PASS
					20	19.57112	0.00761	PASS
					30	17.39123	0.00676	PASS
					40	-15.59954	-0.00606	PASS
			50	23.15603	0.00900	PASS		
			MCH	VN	-30	-1.99034	-0.00077	PASS
					-20	13.31170	0.00513	PASS
					-10	26.53664	0.01023	PASS
					0	-5.48326	-0.00211	PASS
					10	27.69048	0.01067	PASS
					20	-1.26698	-0.00049	PASS
					30	-4.94600	-0.00191	PASS
					40	-0.90445	-0.00035	PASS
			HCH	VN	-30	-9.73210	-0.00372	PASS
					-20	10.79798	0.00413	PASS
					-10	-7.50916	-0.00287	PASS
					0	35.81313	0.01368	PASS
					10	-9.00142	-0.00344	PASS
					20	-9.36761	-0.00358	PASS
					30	13.27251	0.00507	PASS
		40			-3.64721	-0.00139	PASS	
		10	LCH	VN	-30	5.91241	0.00230	PASS
					-20	0.18043	0.00007	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-10	4.66764	0.00181	PASS	
					0	7.89232	0.00306	PASS	
					10	3.61915	0.00141	PASS	
					20	15.37398	0.00597	PASS	
					30	14.30670	0.00556	PASS	
					40	-7.58198	-0.00294	PASS	
					50	-2.80595	-0.00109	PASS	
			MCH	VN	-30	-6.39883	-0.00247	PASS	
					-20	1.56275	0.00060	PASS	
					-10	-0.21468	-0.00008	PASS	
					0	1.45591	0.00056	PASS	
					10	9.11182	0.00351	PASS	
					20	-4.55774	-0.00176	PASS	
					30	2.36284	0.00091	PASS	
					40	-0.14009	-0.00005	PASS	
			HCH	VN	-30	0.53581	0.00020	PASS	
					-20	-5.26167	-0.00201	PASS	
					-10	-7.10253	-0.00272	PASS	
					0	-5.51602	-0.00211	PASS	
					10	-3.02691	-0.00116	PASS	
					20	4.52686	0.00173	PASS	
					30	1.78710	0.00068	PASS	
					40	-2.63387	-0.00101	PASS	
			15	LCH	VN	-30	-5.06957	-0.00197	PASS
						-20	-4.21778	-0.00164	PASS
						-10	-3.43518	-0.00133	PASS
						0	-1.37259	-0.00053	PASS
						10	-4.61379	-0.00179	PASS
						20	-6.18997	-0.00240	PASS
						30	-4.26180	-0.00165	PASS
						40	-4.44104	-0.00172	PASS
				MCH	VN	50	-6.10617	-0.00237	PASS
						-30	-2.40571	-0.00093	PASS
						-20	-3.78897	-0.00146	PASS
						-10	-1.95313	-0.00075	PASS
						0	-1.18063	-0.00045	PASS
						10	-2.83272	-0.00109	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-4.26432	-0.00164	PASS		
					30	-4.09779	-0.00158	PASS		
					40	-2.51832	-0.00097	PASS		
					50	-2.72358	-0.00105	PASS		
			HCH	VN	-30	-5.40651	-0.00207	PASS		
					-20	-3.44610	-0.00132	PASS		
					-10	-1.56130	-0.00060	PASS		
					0	-5.88074	-0.00225	PASS		
					10	-3.62607	-0.00139	PASS		
					20	-1.38276	-0.00053	PASS		
					30	-5.82735	-0.00223	PASS		
					40	-3.19351	-0.00122	PASS		
					50	-3.19423	-0.00122	PASS		
					LCH	VN	-30	-5.05630	-0.00196	PASS
							-20	-3.60776	-0.00140	PASS
							-10	-4.06477	-0.00158	PASS
			0	-4.56452			-0.00177	PASS		
			10	-4.43620			-0.00172	PASS		
			20	0.30933			0.00012	PASS		
			30	-2.63629			-0.00102	PASS		
		40	-2.36104	-0.00092			PASS			
		MCH	VN	-30	-2.73953	-0.00106	PASS			
				-20	-3.58458	-0.00138	PASS			
				-10	-5.84023	-0.00225	PASS			
				0	-1.04552	-0.00040	PASS			
				10	-1.58914	-0.00061	PASS			
				20	-2.56091	-0.00099	PASS			
				30	-8.67577	-0.00334	PASS			
				40	-4.36018	-0.00168	PASS			
		HCH	VN	50	2.68284	0.00103	PASS			
				-30	-1.43944	-0.00055	PASS			
				-20	-3.61215	-0.00138	PASS			
				-10	-3.89481	-0.00149	PASS			
				0	-3.13889	-0.00120	PASS			
				10	-1.82393	-0.00070	PASS			
				20	-2.31296	-0.00089	PASS			
				30	-13.57996	-0.00520	PASS			
		40	-2.45803	-0.00094	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	-2.29299	-0.00088	PASS
					-30	12.53100	0.00487	PASS
					-20	-14.41265	-0.00560	PASS
					-10	-15.44939	-0.00601	PASS
					0	-8.95414	-0.00348	PASS
					10	16.91235	0.00657	PASS
					20	11.52963	0.00448	PASS
					30	-9.67845	-0.00376	PASS
					40	10.20912	0.00397	PASS
					50	15.84011	0.00616	PASS
			MCH	VN	-30	37.03970	0.01427	PASS
					-20	25.24447	0.00973	PASS
					-10	24.76400	0.00954	PASS
					0	24.45106	0.00942	PASS
					10	30.48552	0.01175	PASS
					20	30.41791	0.01172	PASS
					30	15.77697	0.00608	PASS
					40	36.04829	0.01389	PASS
					50	19.13805	0.00737	PASS
					HCH	VN	-30	31.64345
		-20	-3.68018	-0.00141			PASS	
		-10	32.32026	0.01235			PASS	
		0	-2.31901	-0.00089			PASS	
		10	25.98343	0.00993			PASS	
		20	-6.45922	-0.00247			PASS	
		30	-0.99847	-0.00038			PASS	
		40	-7.02944	-0.00269			PASS	
		50	-4.24031	-0.00162			PASS	
		10	LCH	VN			-30	-4.46992
					-20	-2.13191	-0.00083	PASS
					-10	-7.18016	-0.00279	PASS
					0	-4.97766	-0.00193	PASS
					10	2.94158	0.00114	PASS
					20	-3.86285	-0.00150	PASS
					30	4.38847	0.00170	PASS
					40	-6.21567	-0.00241	PASS
					50	-4.13778	-0.00161	PASS
					MCH	VN	-30	5.20758
		-20	5.61710	0.00216			PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-10	6.22180	0.00240	PASS		
					0	-1.98842	-0.00077	PASS		
					10	-1.66506	-0.00064	PASS		
					20	-4.53803	-0.00175	PASS		
					30	14.59504	0.00562	PASS		
					40	-2.57855	-0.00099	PASS		
					50	-3.32785	-0.00128	PASS		
			HCH	VN	-30	3.29918	0.00126	PASS		
					-20	14.58467	0.00558	PASS		
					-10	-5.94396	-0.00227	PASS		
					0	-1.97145	-0.00075	PASS		
					10	13.35279	0.00511	PASS		
					20	0.20404	0.00008	PASS		
					30	-1.86672	-0.00071	PASS		
			LCH	VN	40	8.70585	0.00333	PASS		
					50	1.01867	0.00039	PASS		
					-30	-1.90368	-0.00074	PASS		
					-20	-3.17081	-0.00123	PASS		
					-10	-4.77126	-0.00185	PASS		
					0	-2.96860	-0.00115	PASS		
		10			-4.07794	-0.00158	PASS			
		MCH	VN	20	-6.32385	-0.00245	PASS			
				30	-4.64909	-0.00180	PASS			
				40	-7.14976	-0.00277	PASS			
				50	-5.05168	-0.00196	PASS			
				-30	-1.58683	-0.00061	PASS			
				-20	-6.10382	-0.00235	PASS			
				-10	-1.52035	-0.00059	PASS			
		HCH	VN	0	-2.89456	-0.00112	PASS			
				10	-3.40597	-0.00131	PASS			
				20	-3.97385	-0.00153	PASS			
				30	-5.76825	-0.00222	PASS			
				40	-3.74048	-0.00144	PASS			
				50	-1.77374	-0.00068	PASS			
				-30	-1.71230	-0.00066	PASS			
				15	HCH	VN	-20	0.10440	0.00004	PASS
							-10	-0.52618	-0.00020	PASS
							0	-6.52872	-0.00250	PASS
							10	-2.65728	-0.00102	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-3.38340	-0.00130	PASS		
					30	-0.88446	-0.00034	PASS		
					40	-2.68668	-0.00103	PASS		
					50	-1.95364	-0.00075	PASS		
		20	LCH	VN	-30	0.45430	0.00018	PASS		
					-20	-1.95059	-0.00076	PASS		
					-10	-1.27696	-0.00049	PASS		
					0	-5.95767	-0.00231	PASS		
					10	-5.04595	-0.00196	PASS		
					20	-1.04137	-0.00040	PASS		
					30	-6.53376	-0.00253	PASS		
					40	-2.22389	-0.00086	PASS		
					50	-4.24990	-0.00165	PASS		
					MCH	VN	-30	-2.55705	-0.00099	PASS
							-20	-2.71925	-0.00105	PASS
							-10	-2.83715	-0.00109	PASS
							0	-1.56018	-0.00060	PASS
							10	-2.91427	-0.00112	PASS
							20	-1.76778	-0.00068	PASS
							30	-9.76229	-0.00376	PASS
		40	-3.75160	-0.00145			PASS			
		HCH	VN	-30	-1.00810	-0.00039	PASS			
				-20	-0.67979	-0.00026	PASS			
				-10	-0.63632	-0.00024	PASS			
				0	-2.37431	-0.00091	PASS			
				10	-0.12575	-0.00005	PASS			
				20	-1.06951	-0.00041	PASS			
				30	-0.68461	-0.00026	PASS			
				40	-0.95788	-0.00037	PASS			
		50	-2.25225	-0.00086	PASS					

END