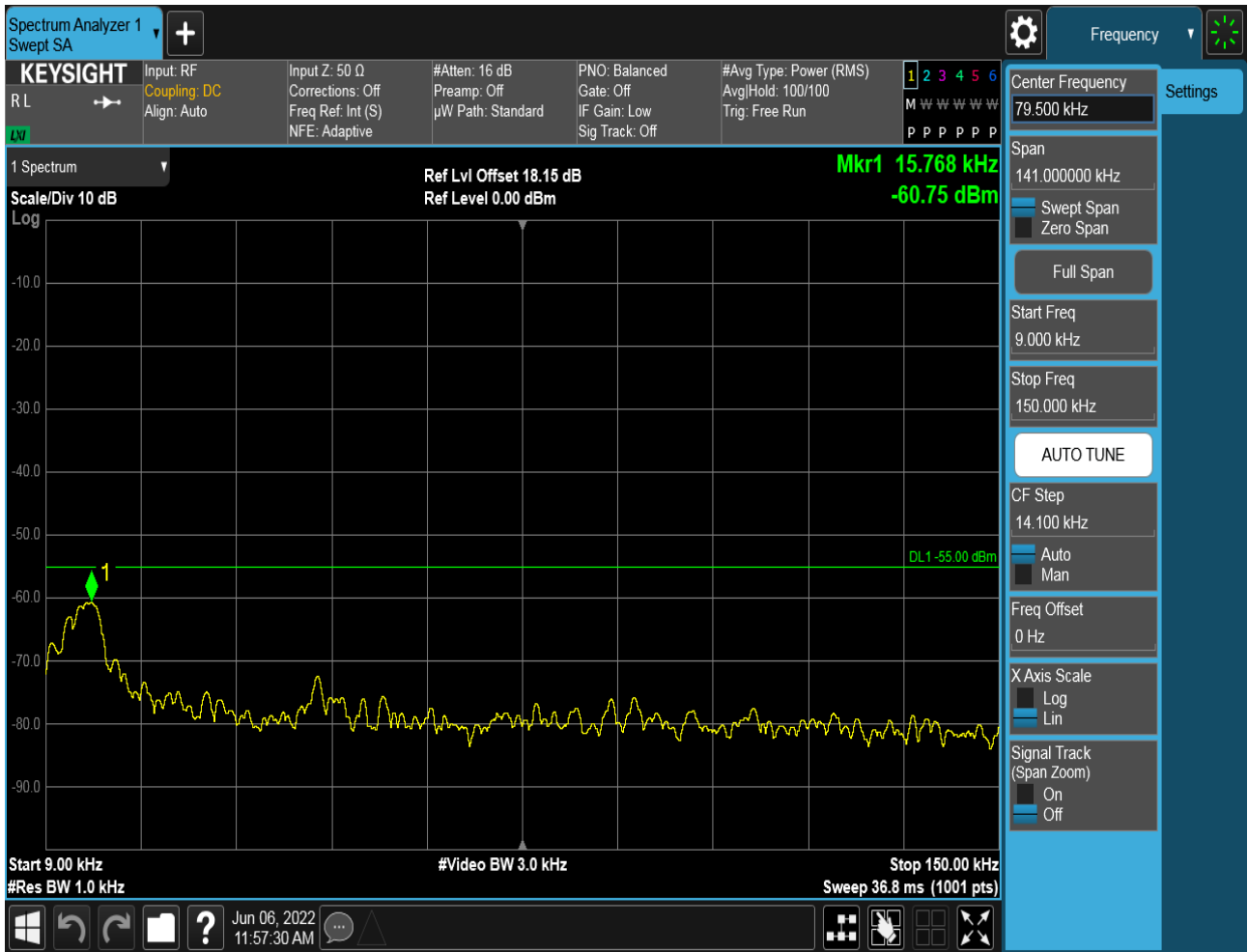
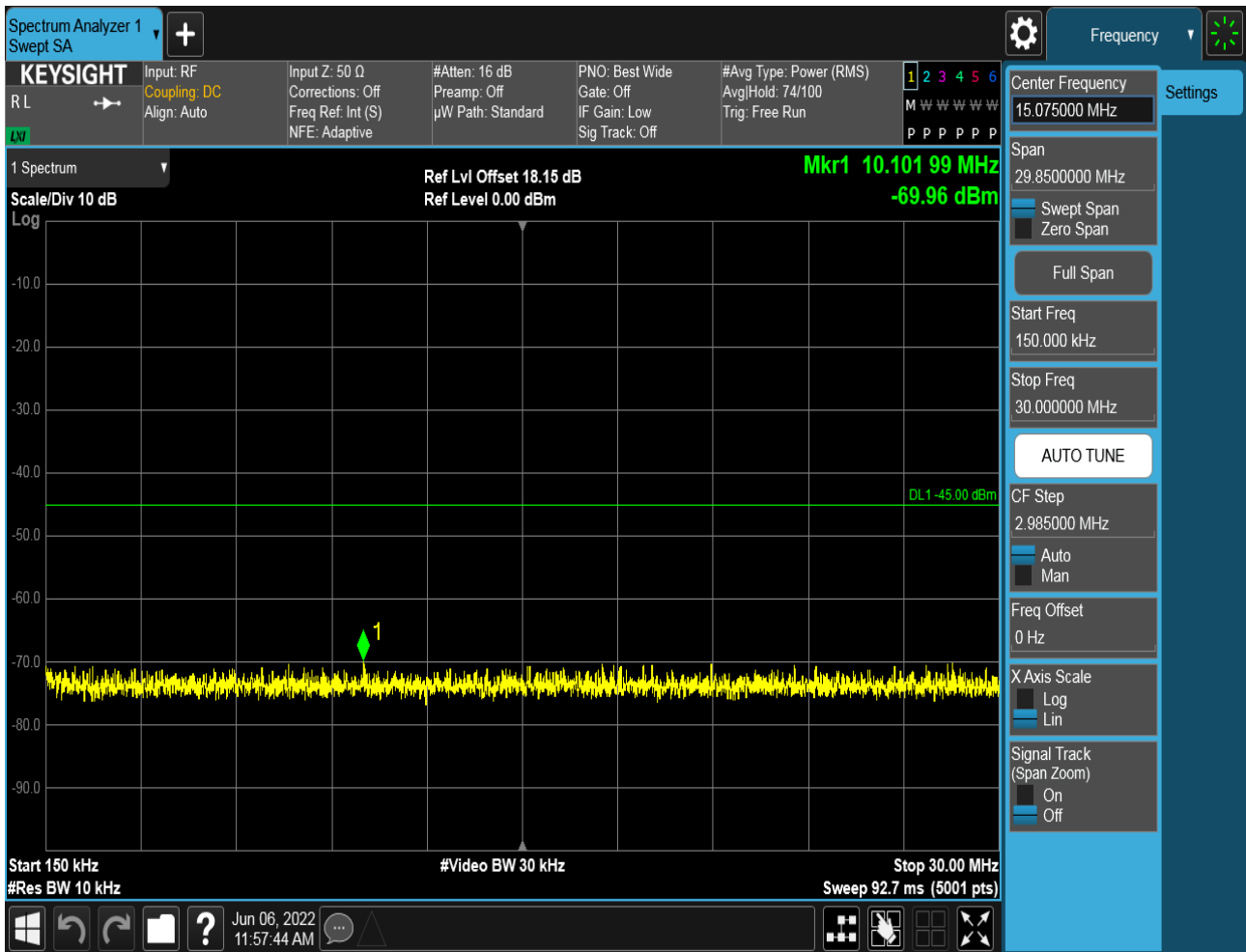
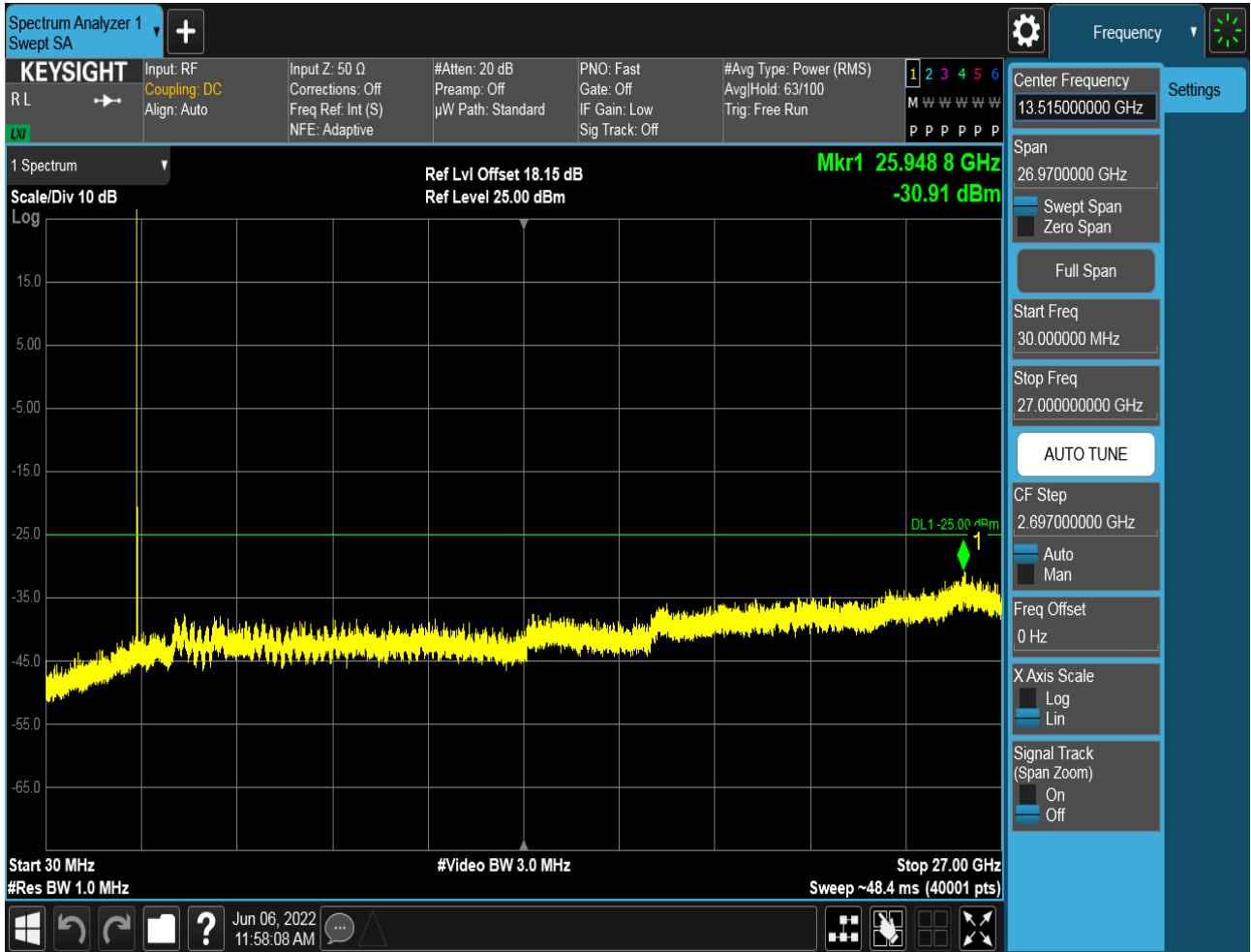


6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.1 Test RB = RB1#0

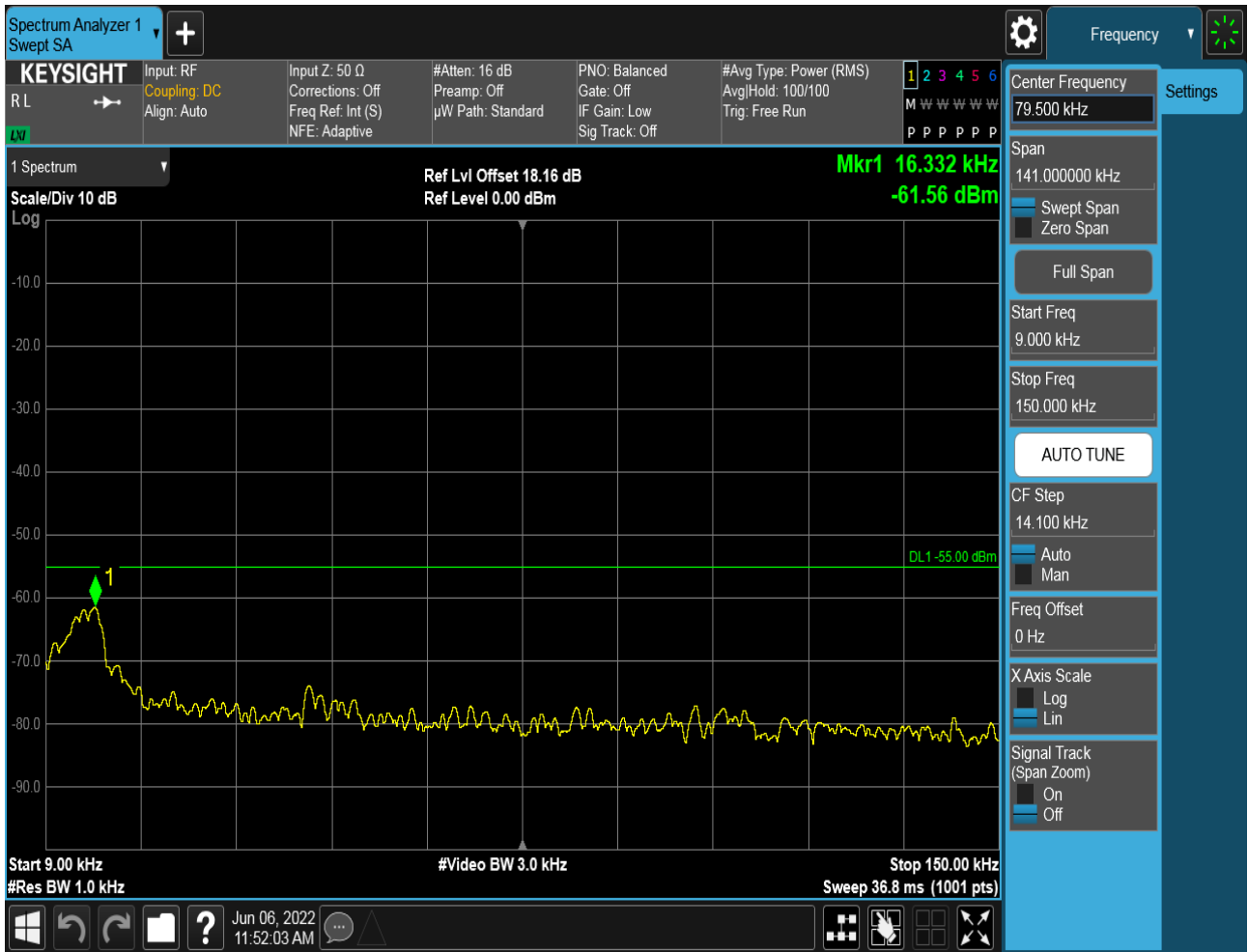


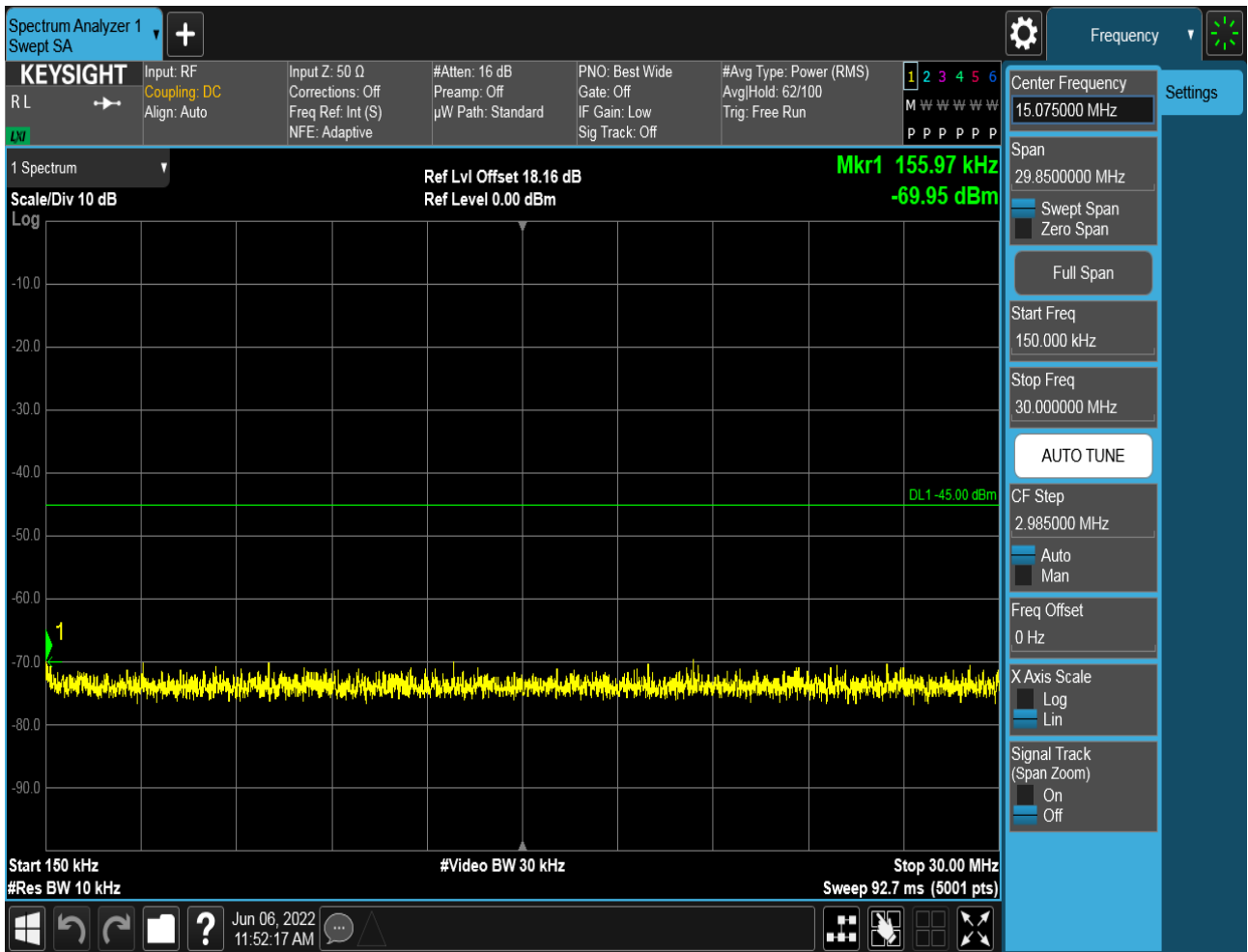


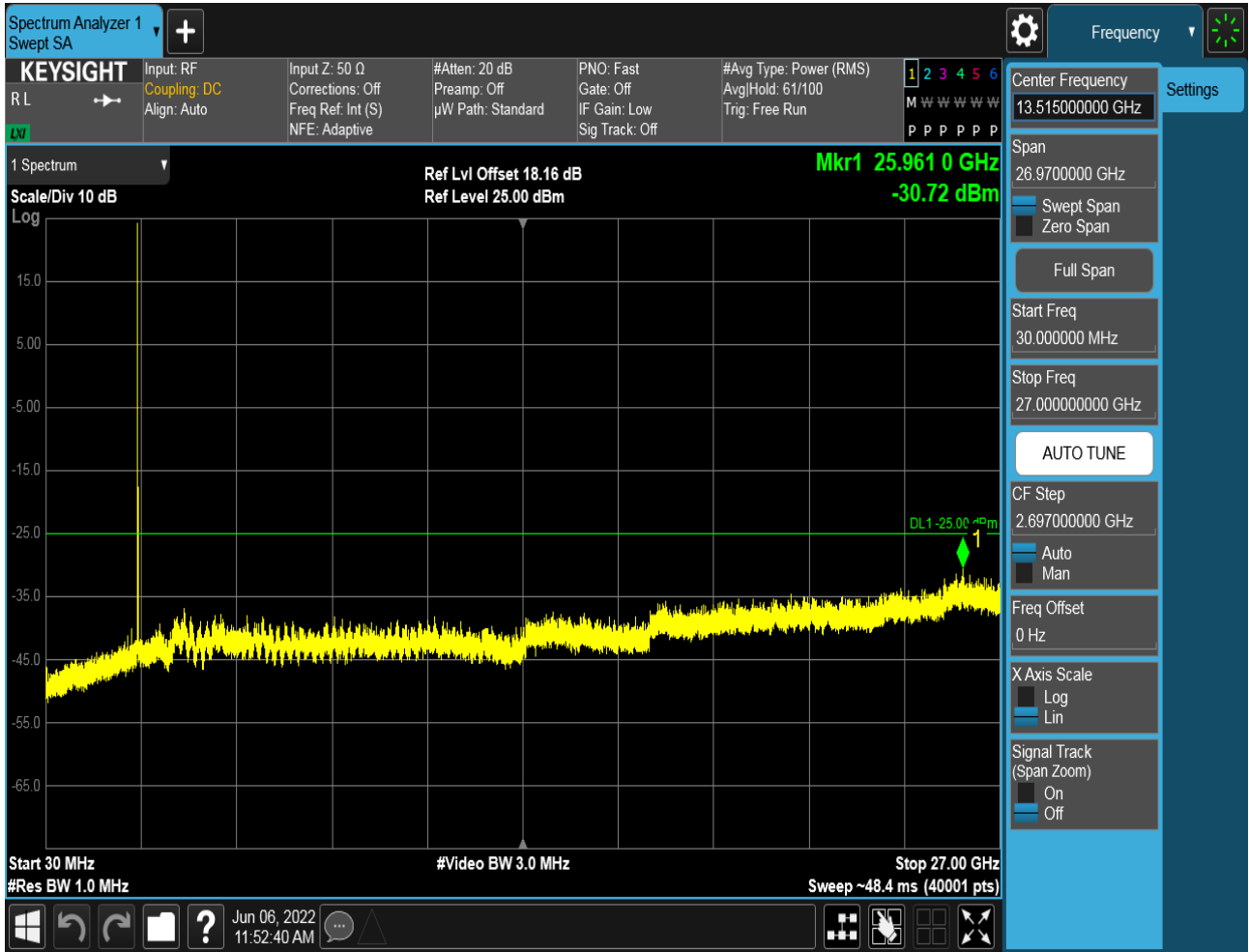


6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0



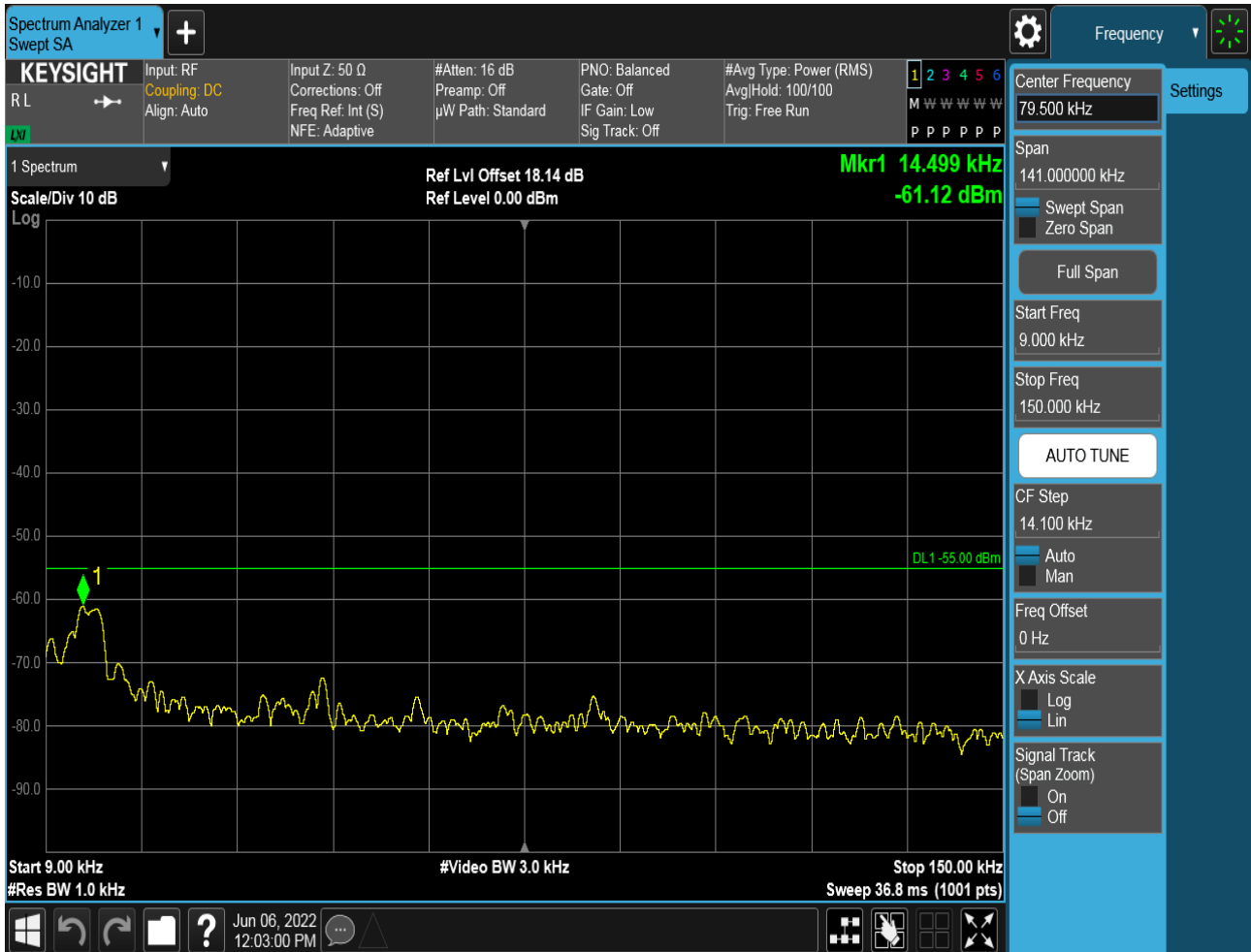


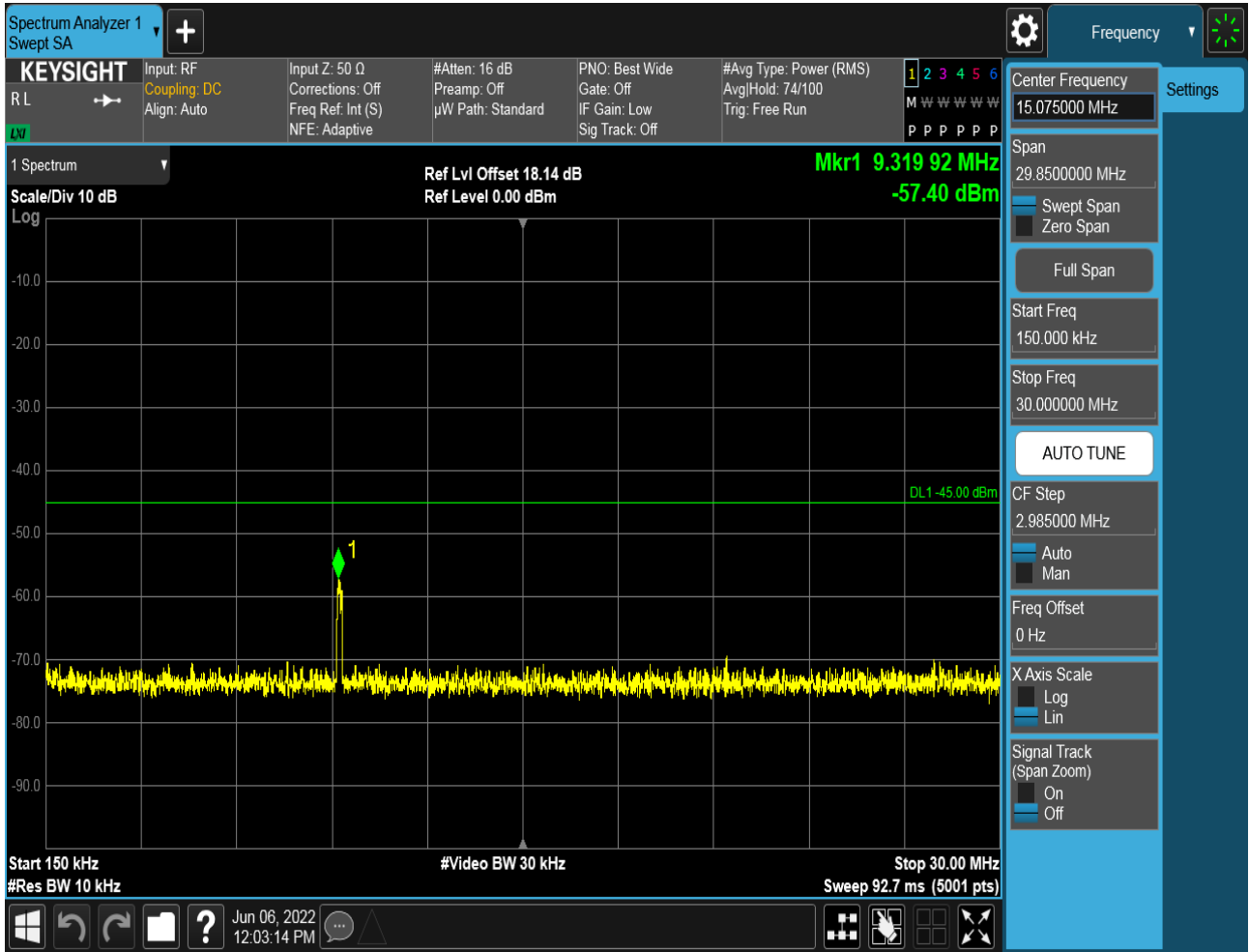


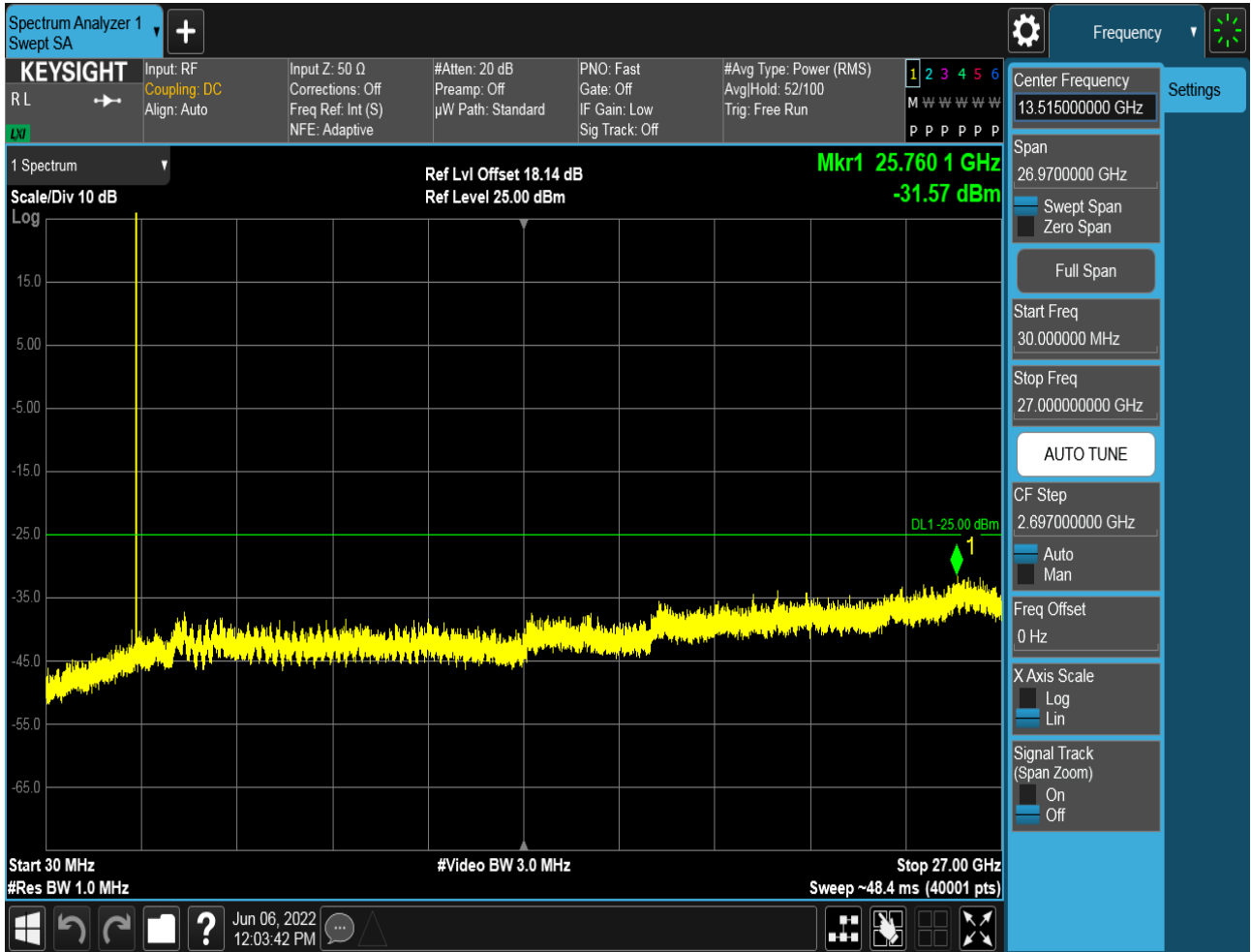
6.2.1.2.2 Test Bandwidth = 10MHz

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0

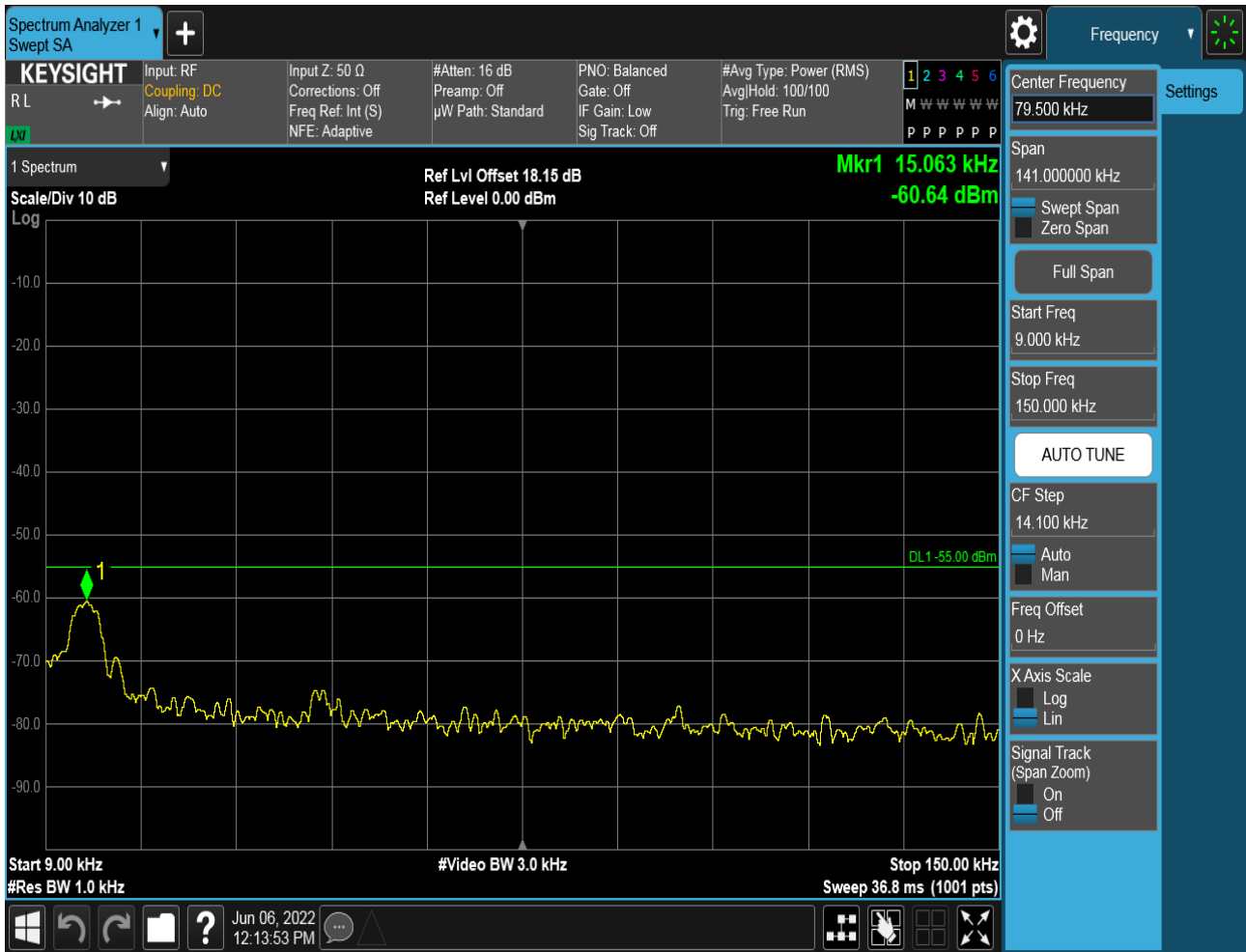


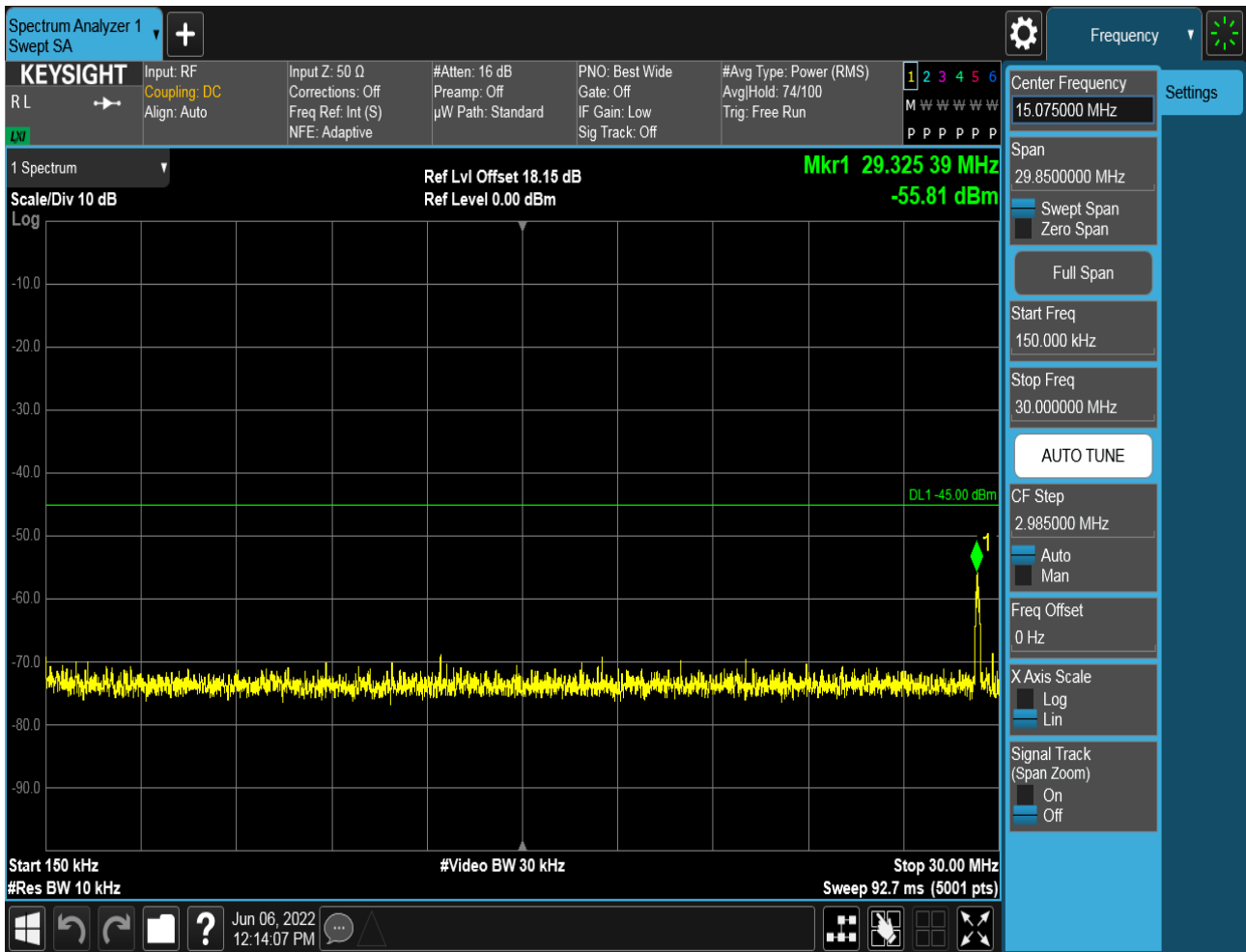


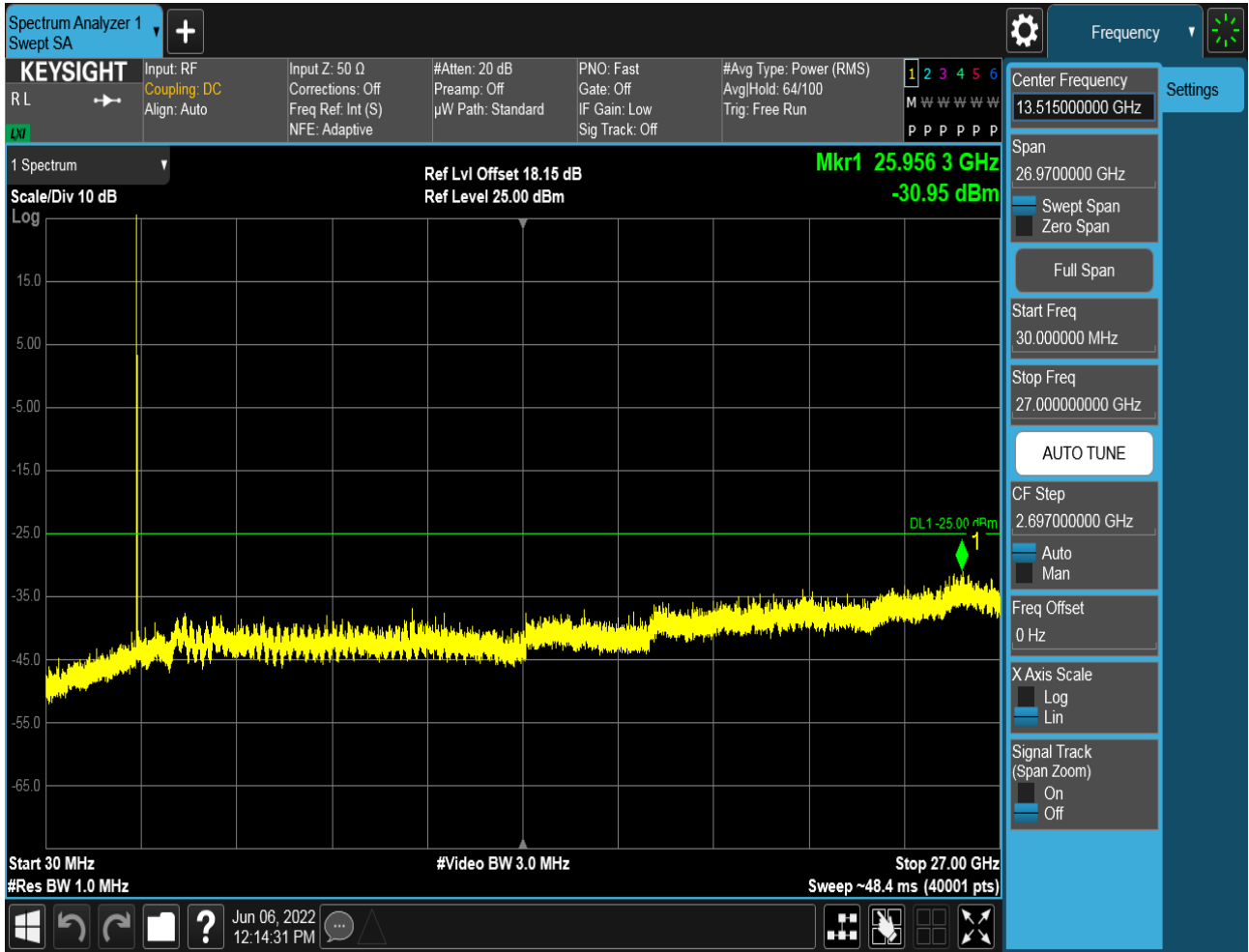


6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.1 Test RB = RB1#0

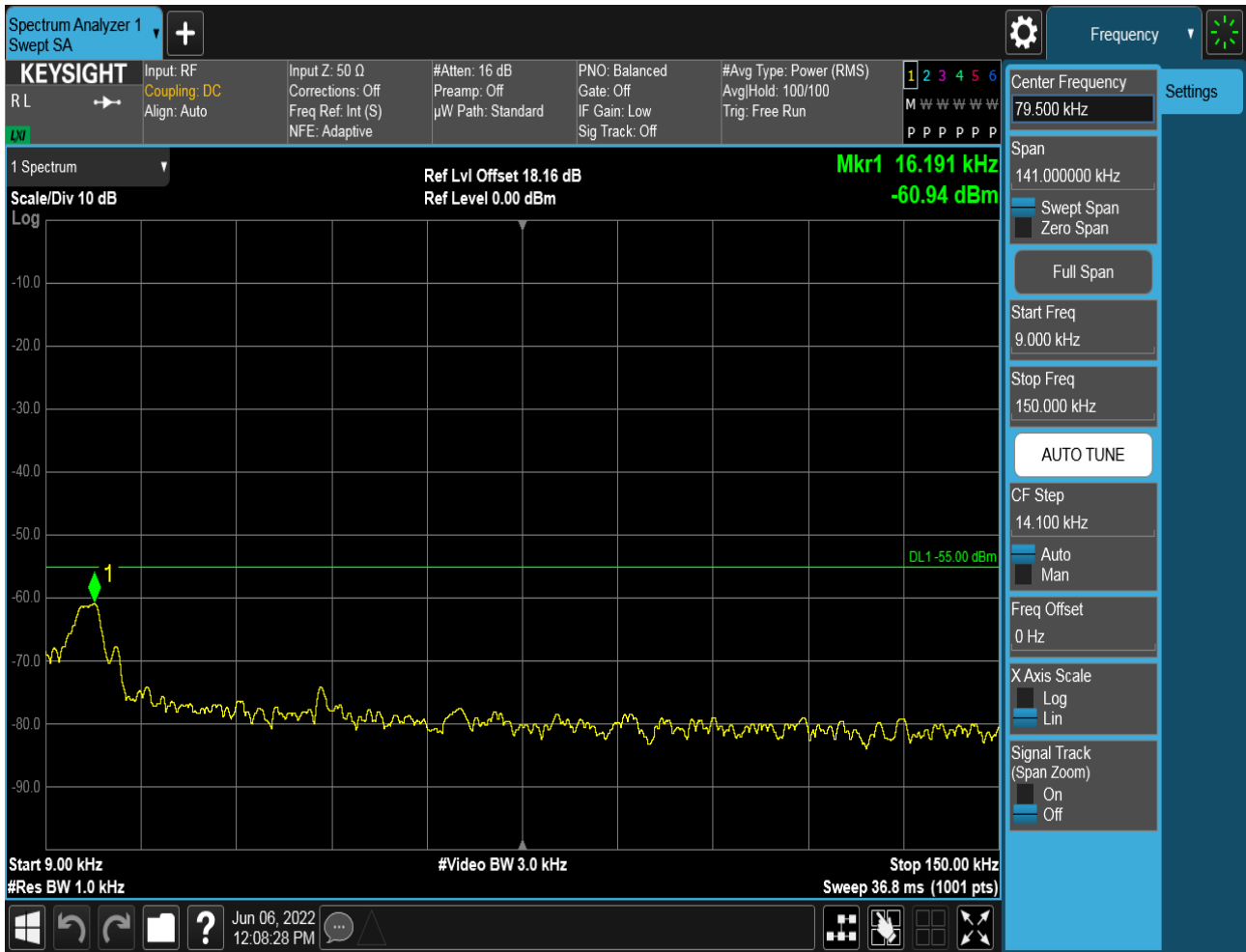


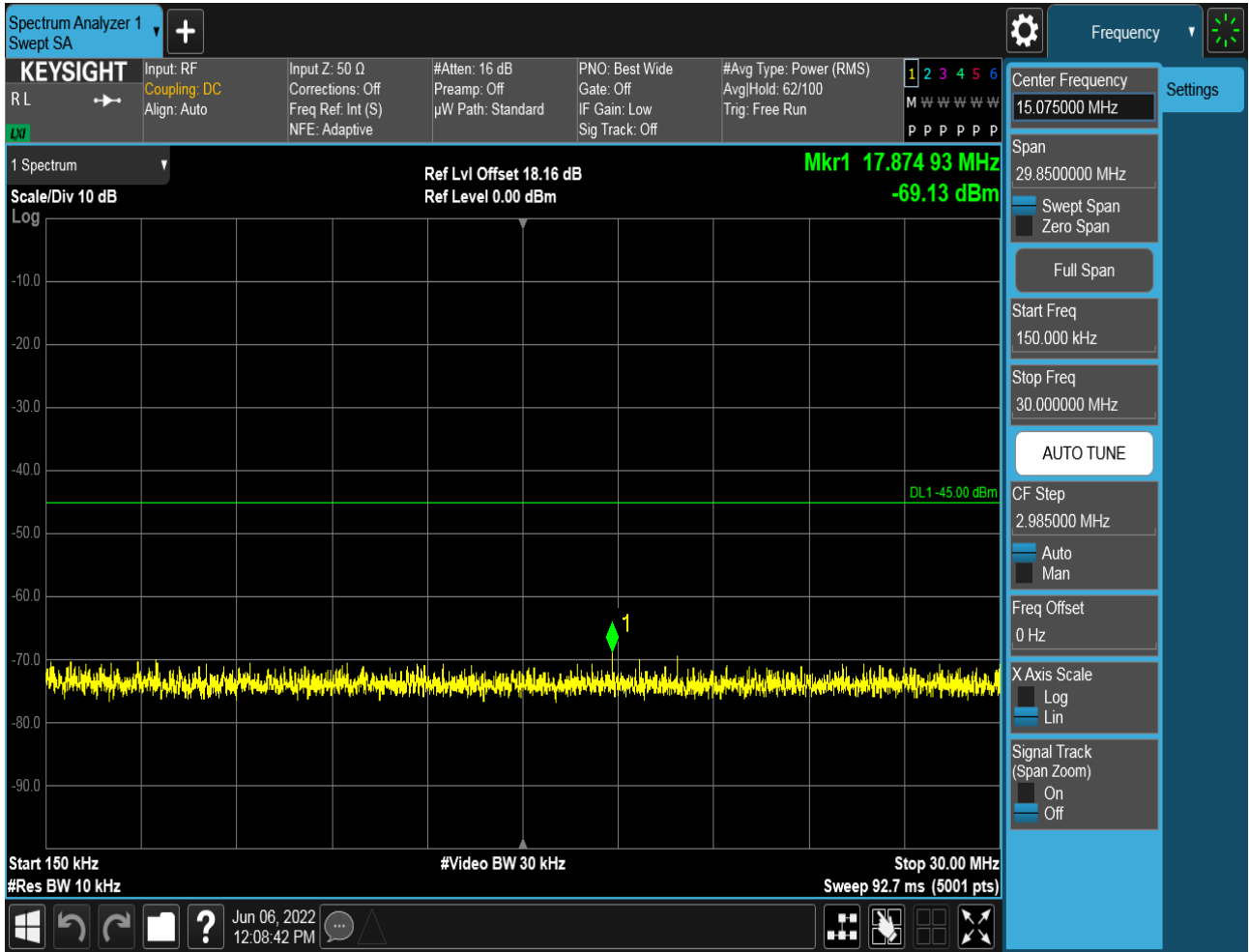


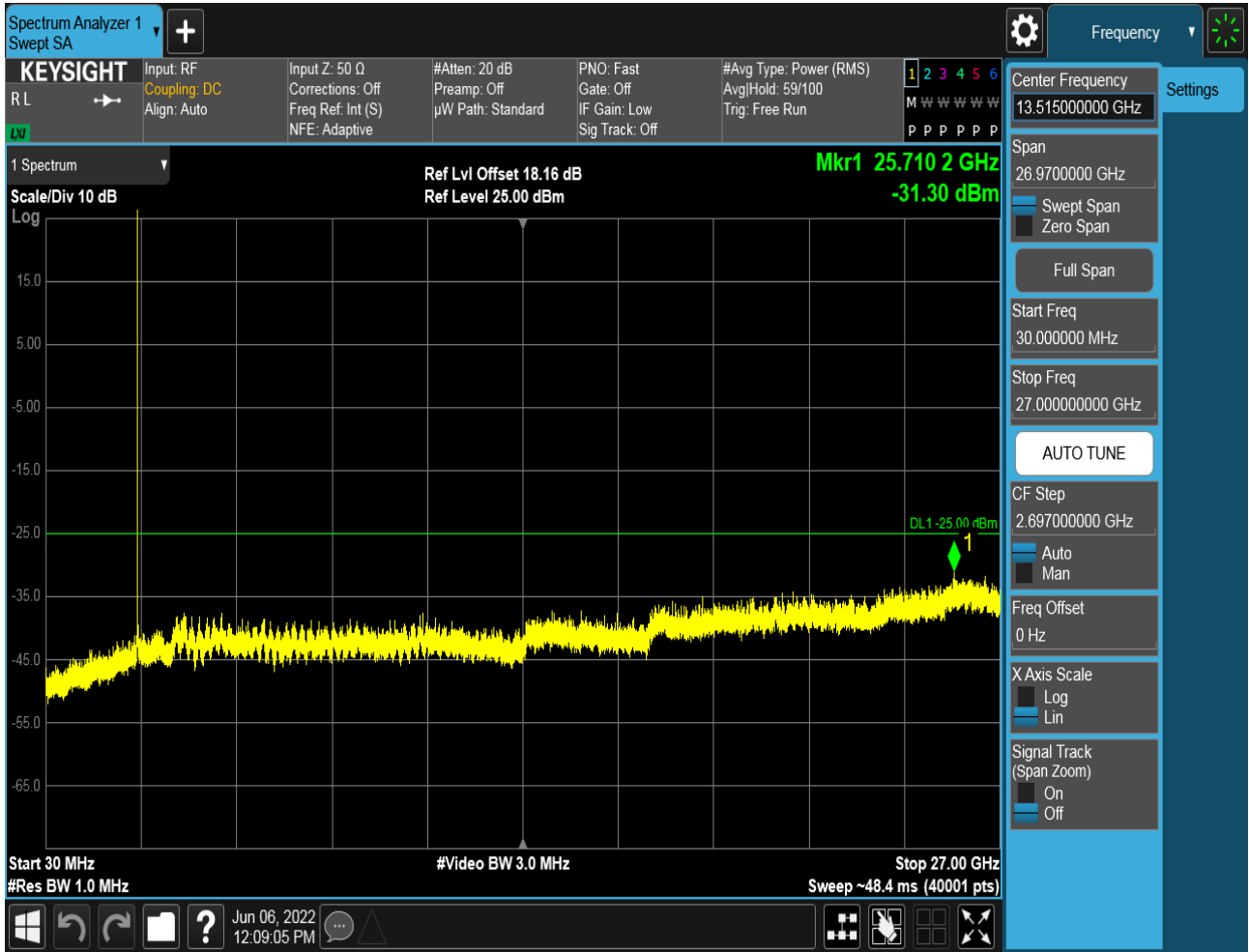


6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0



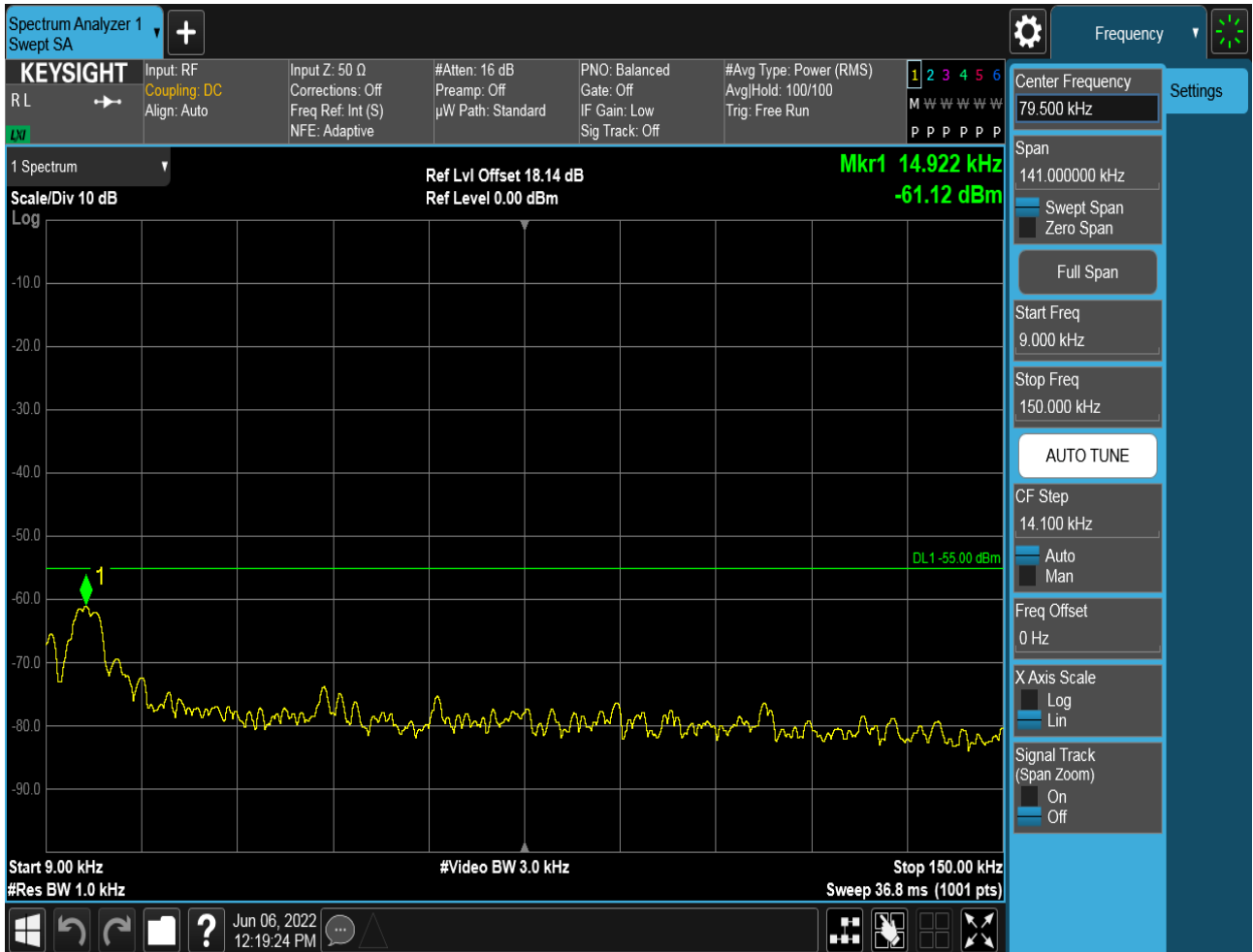


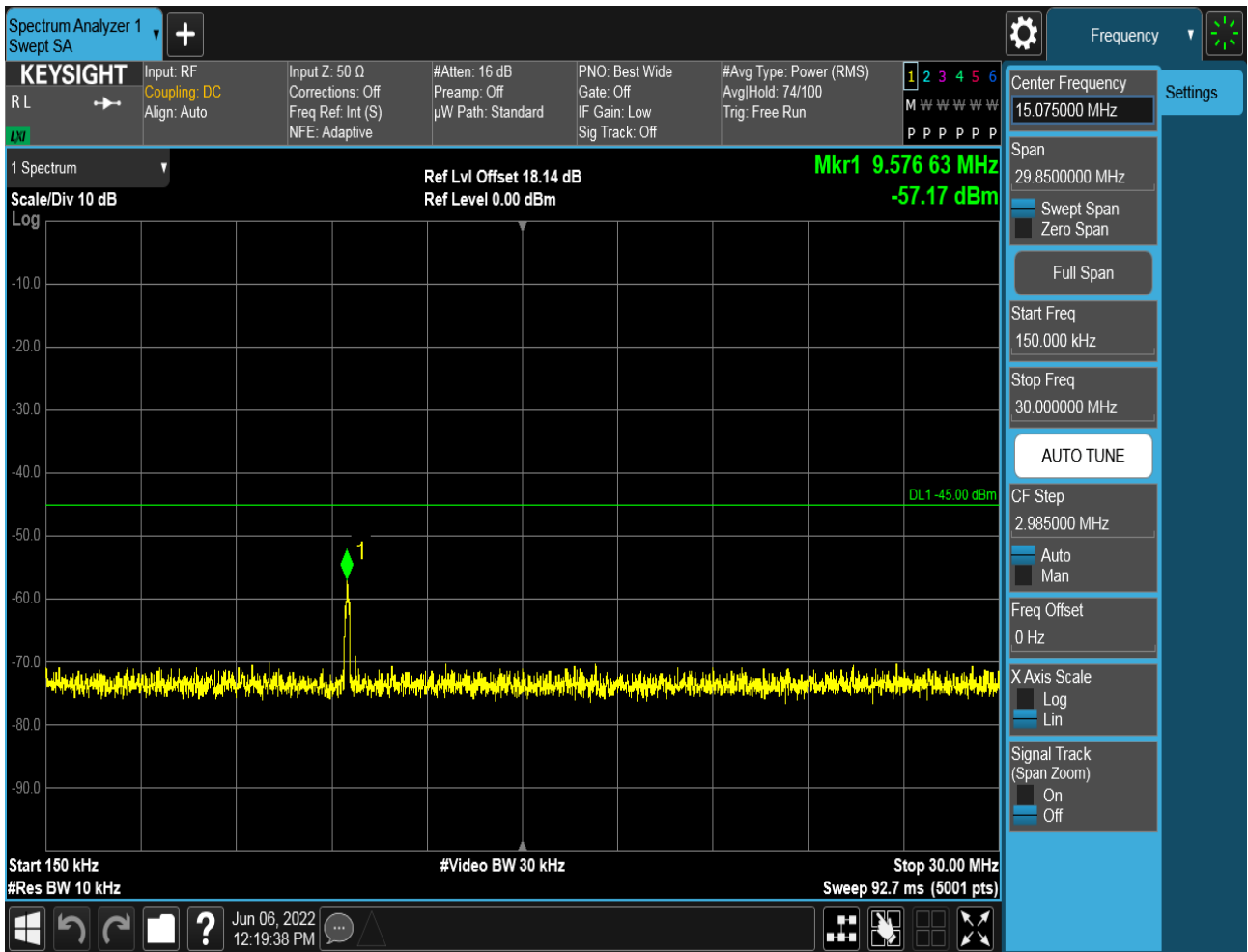


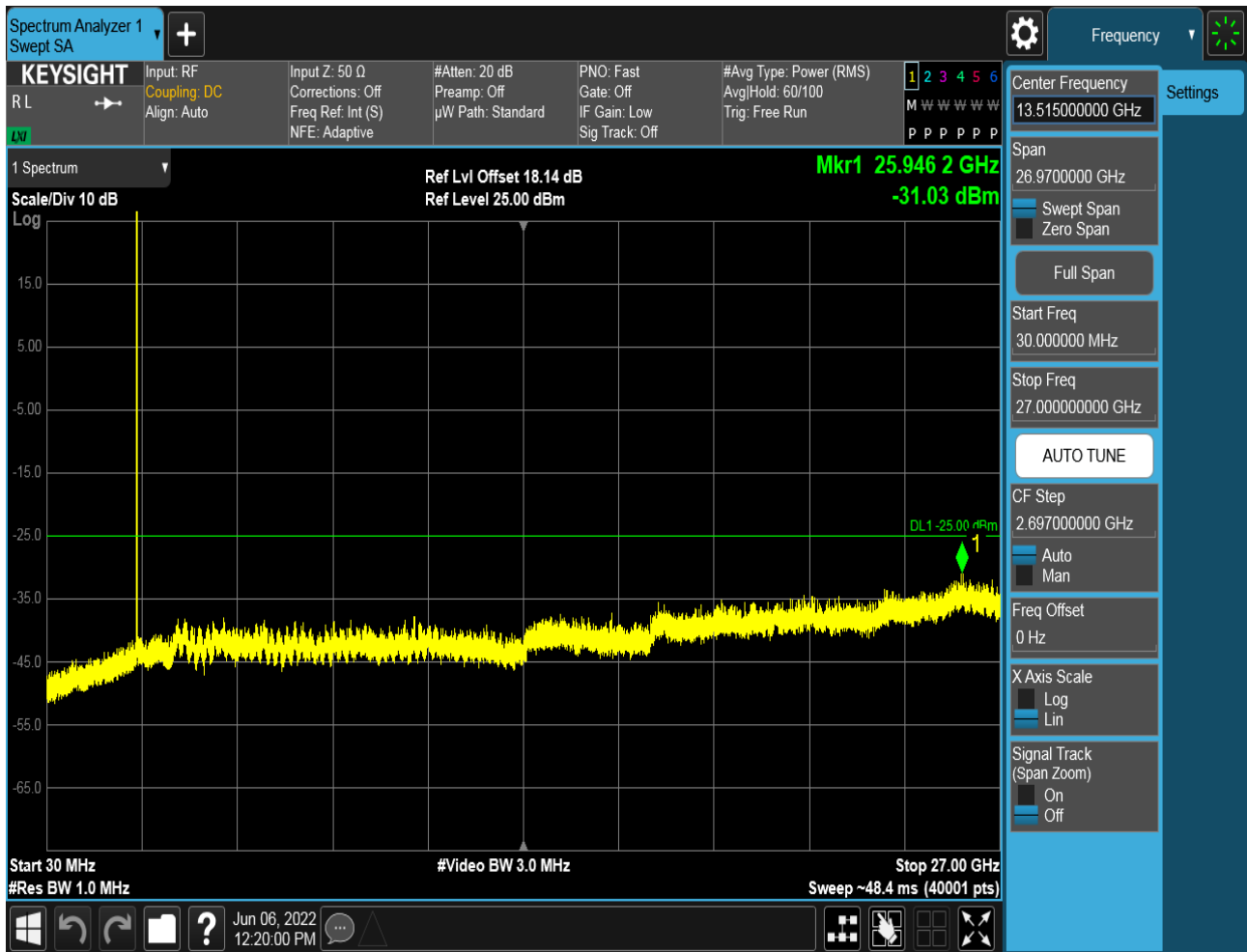
6.2.1.2.3 Test Bandwidth = 15MHz

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0

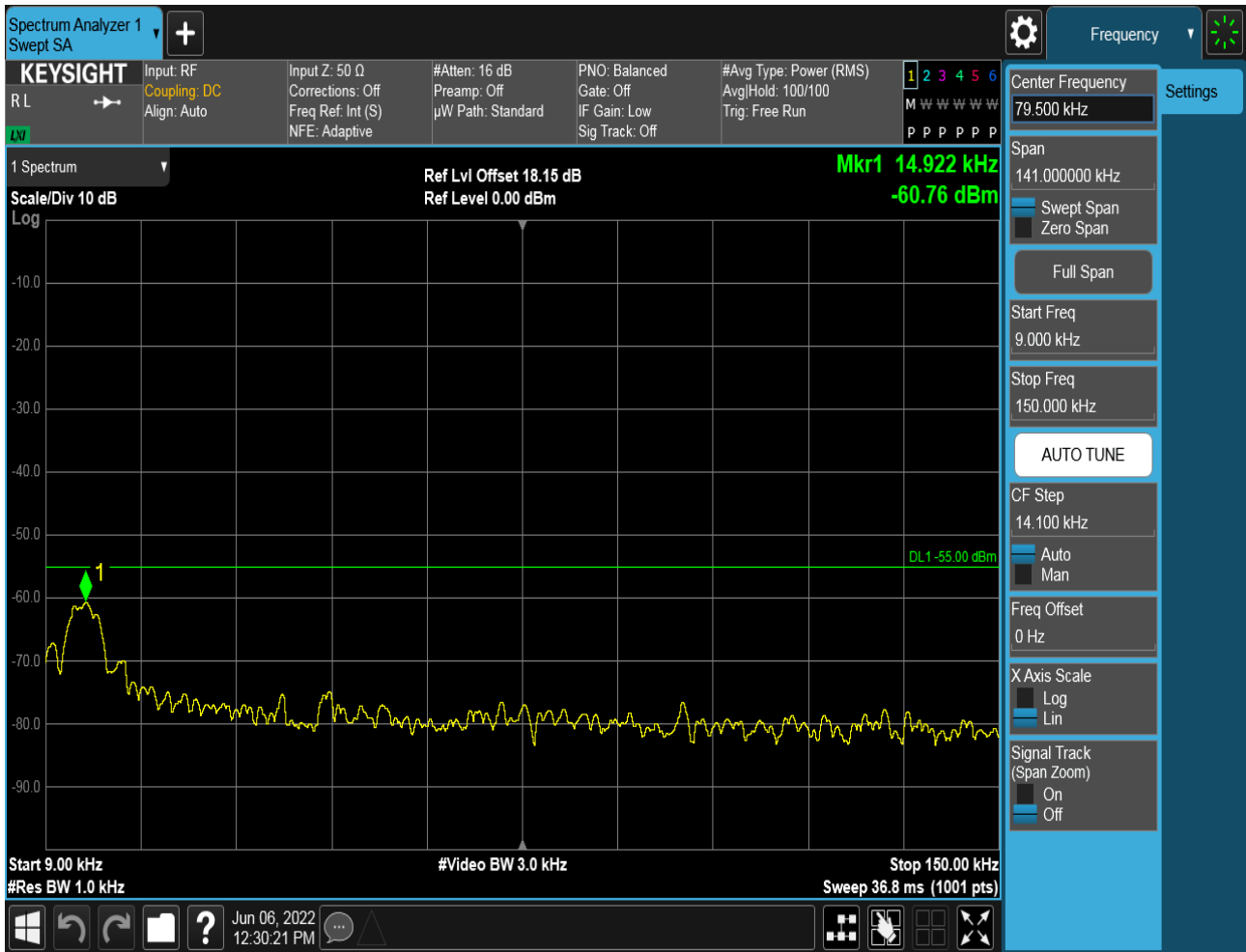


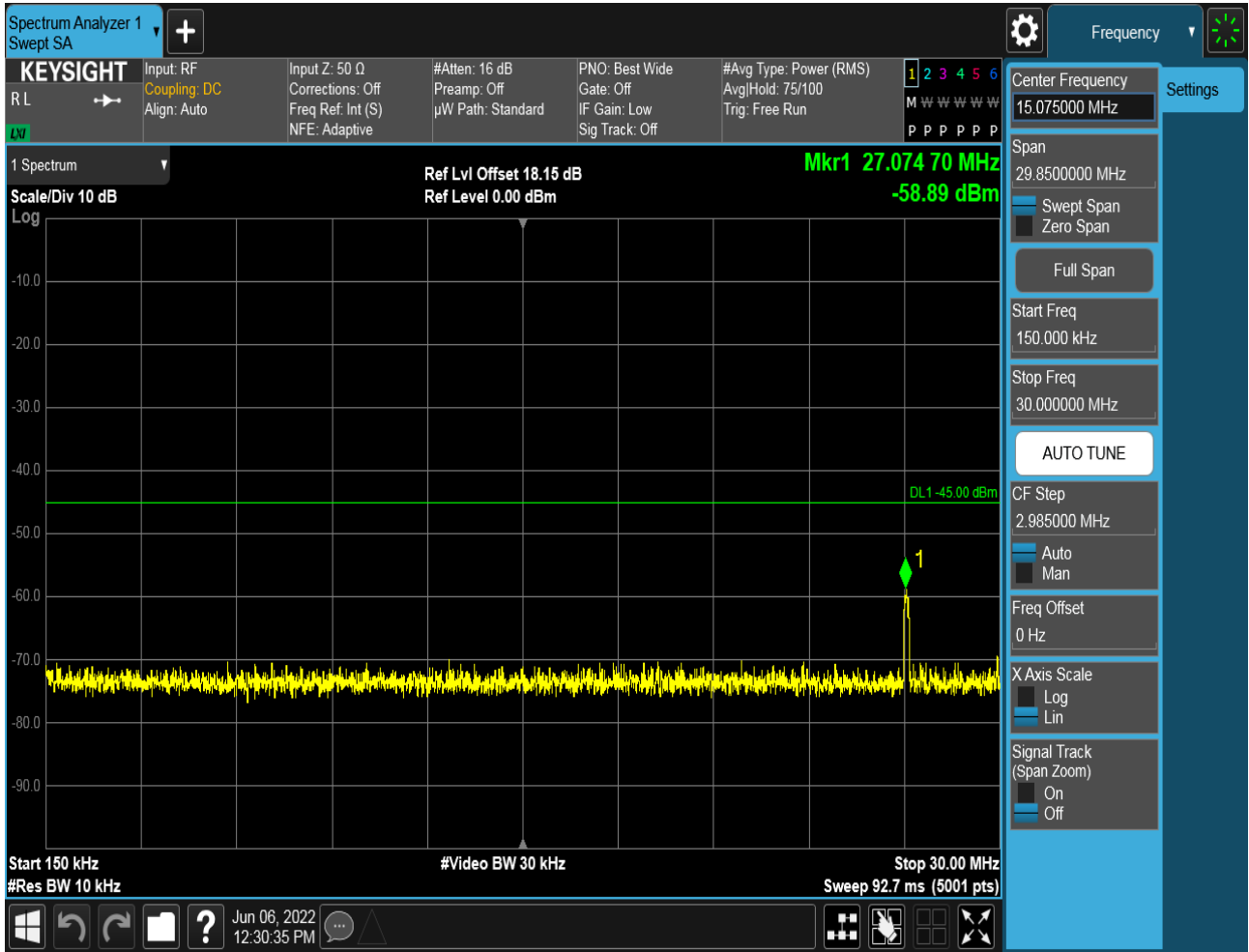


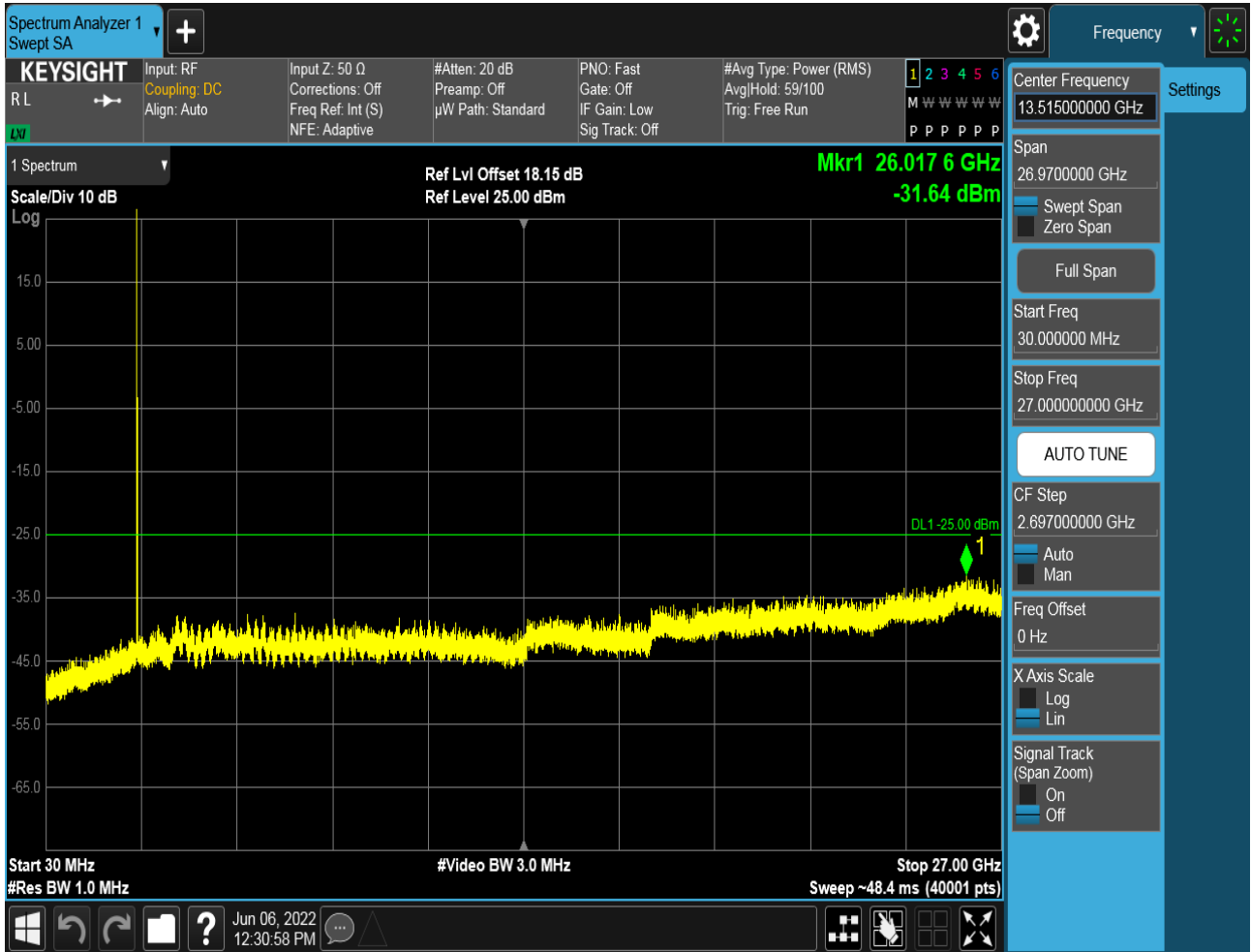


6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0

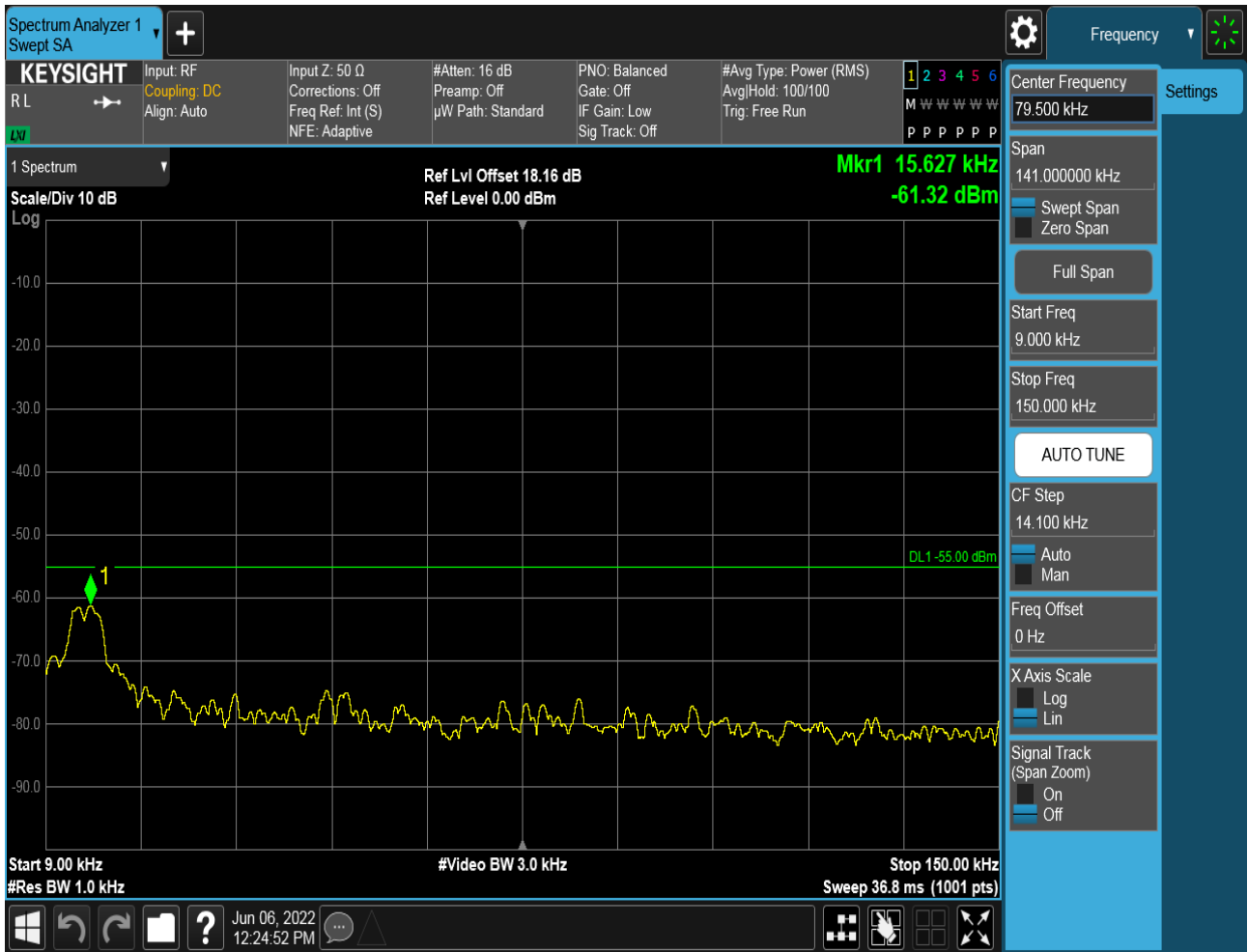


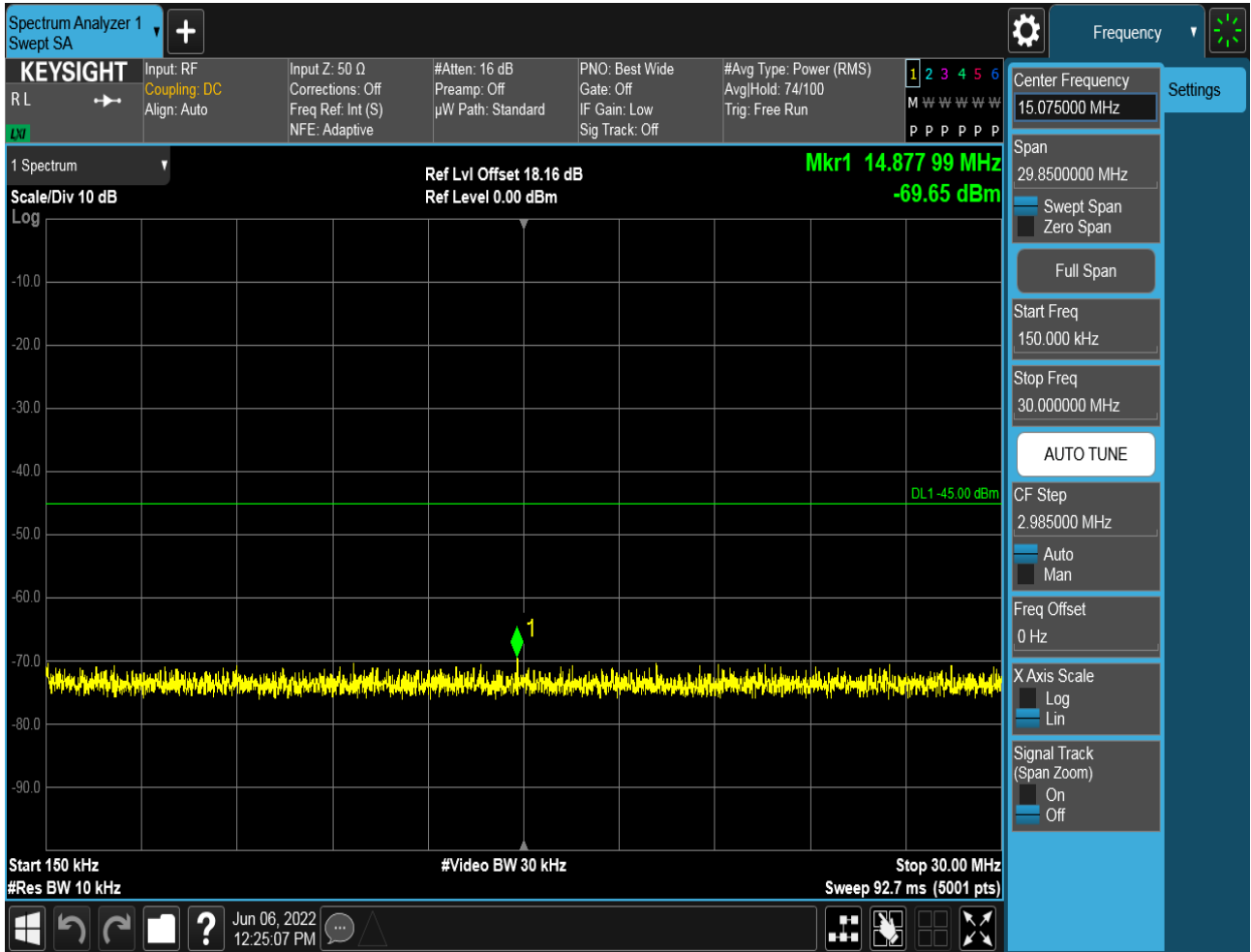


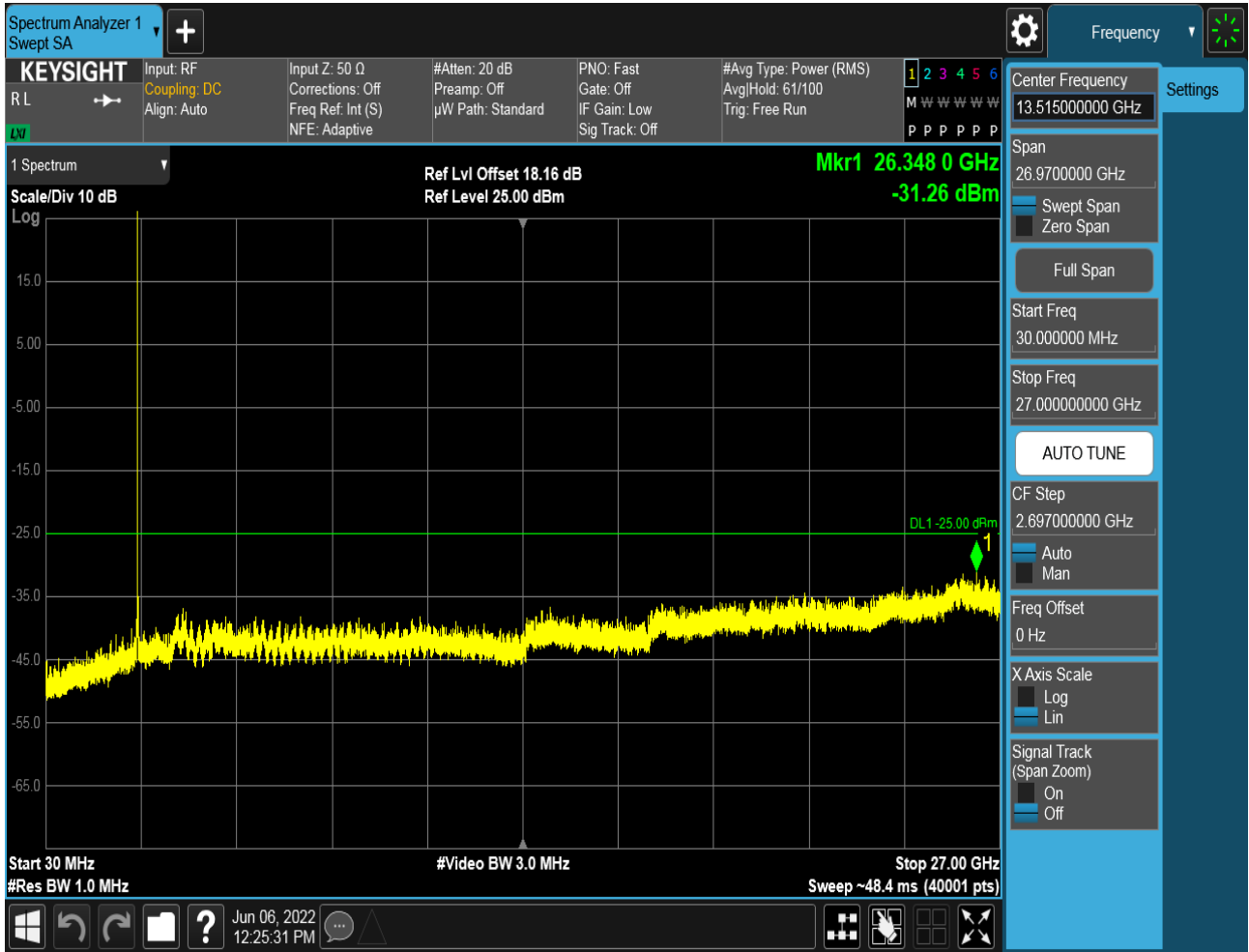


6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0



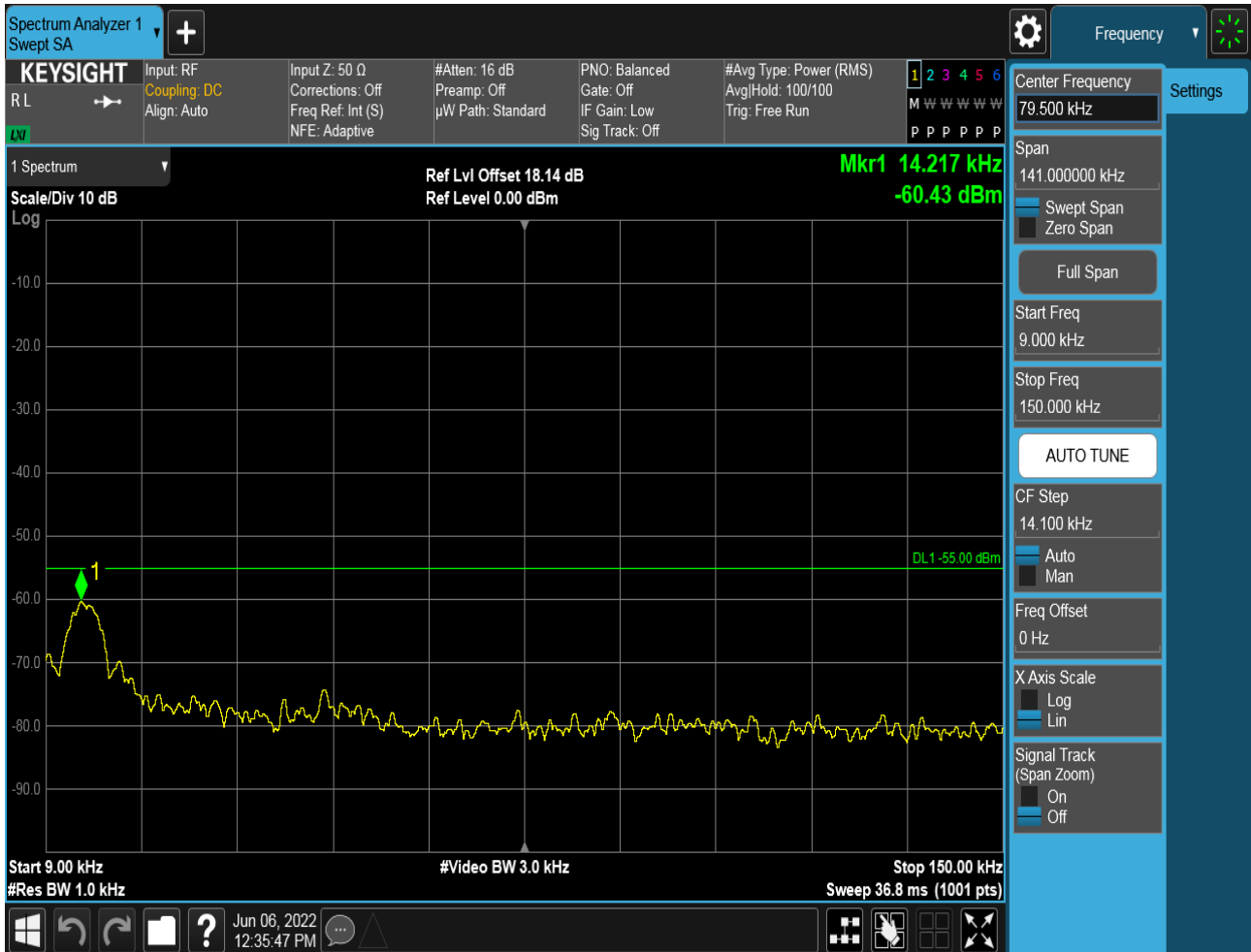


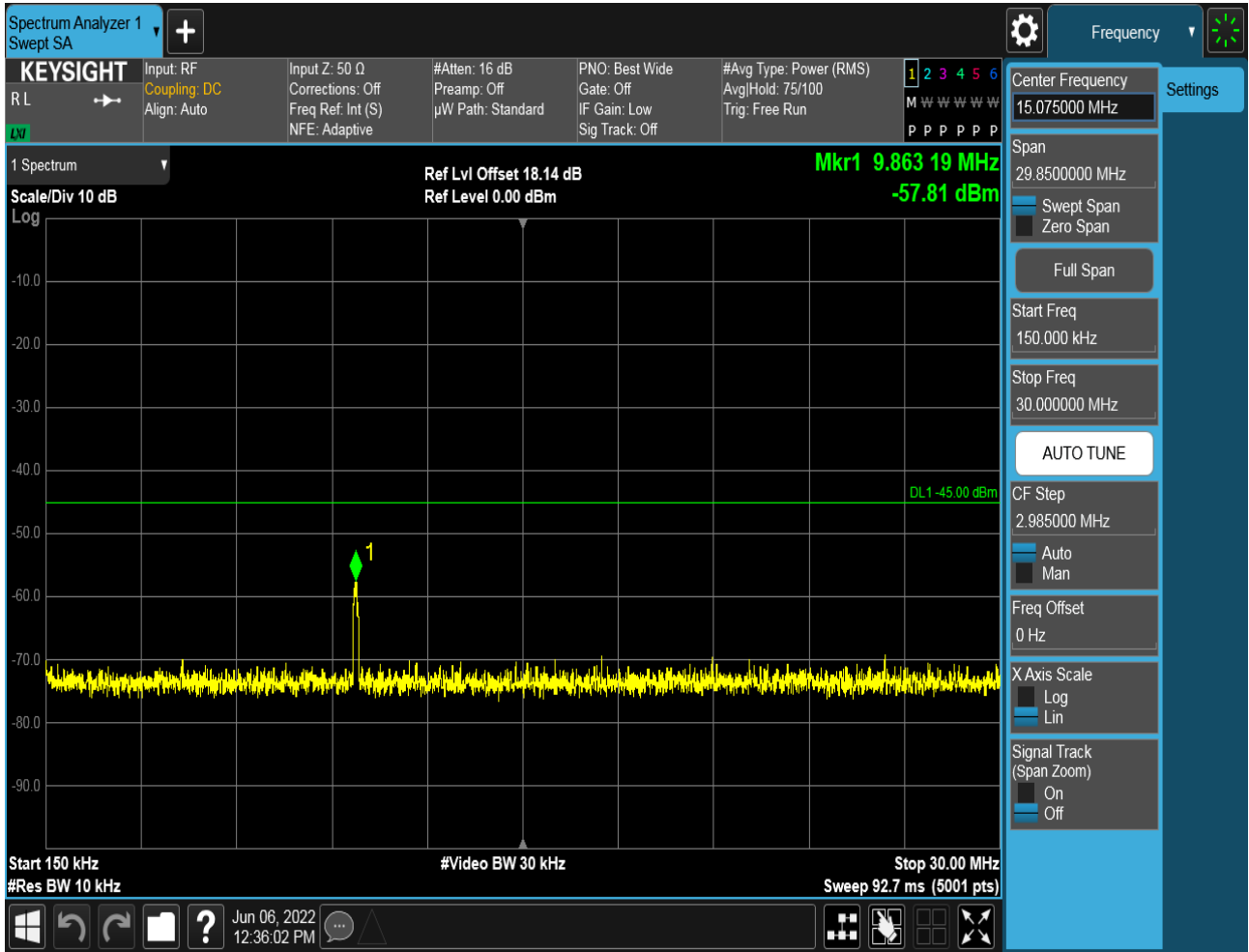


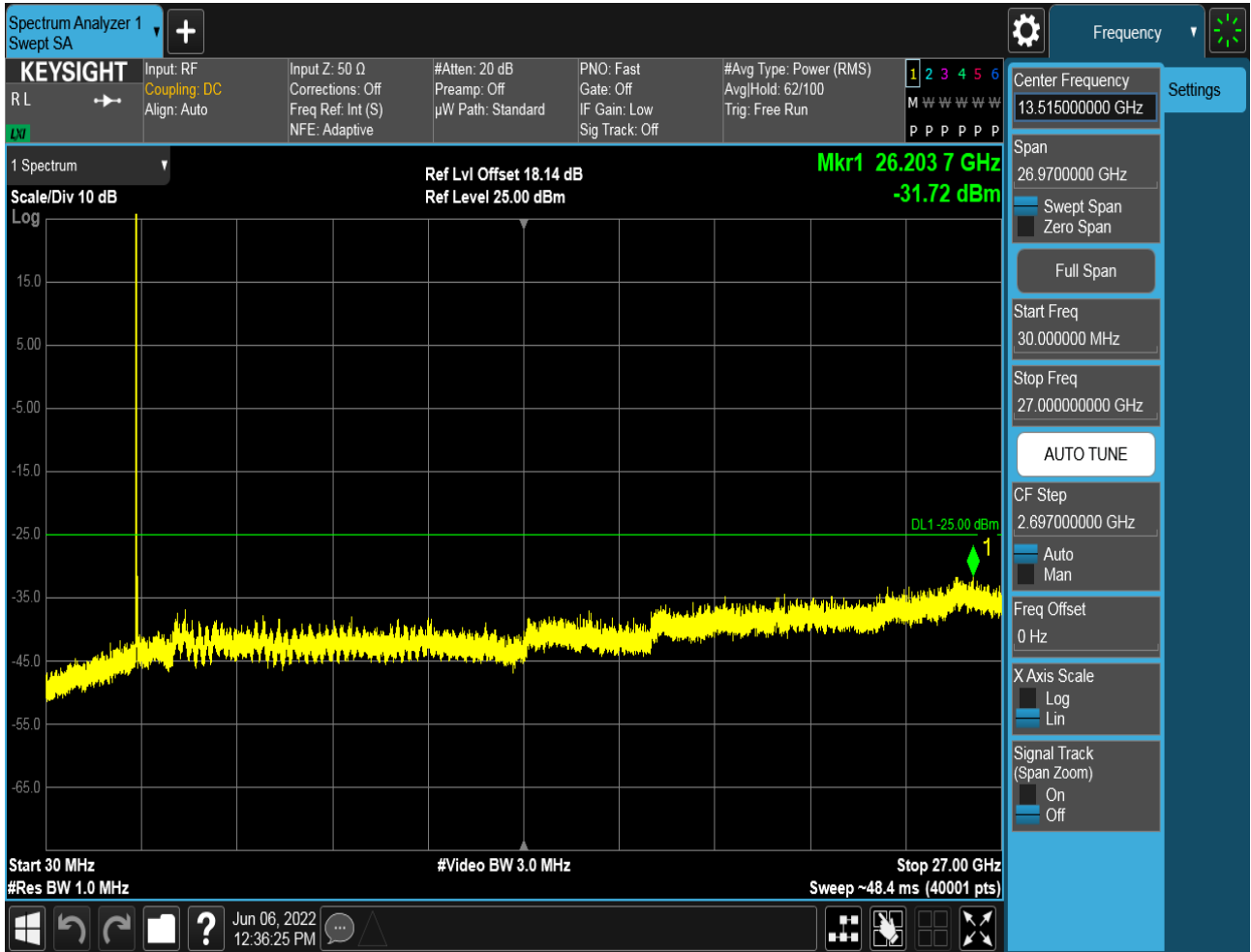
6.2.1.2.4 Test Bandwidth = 20MHz

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0

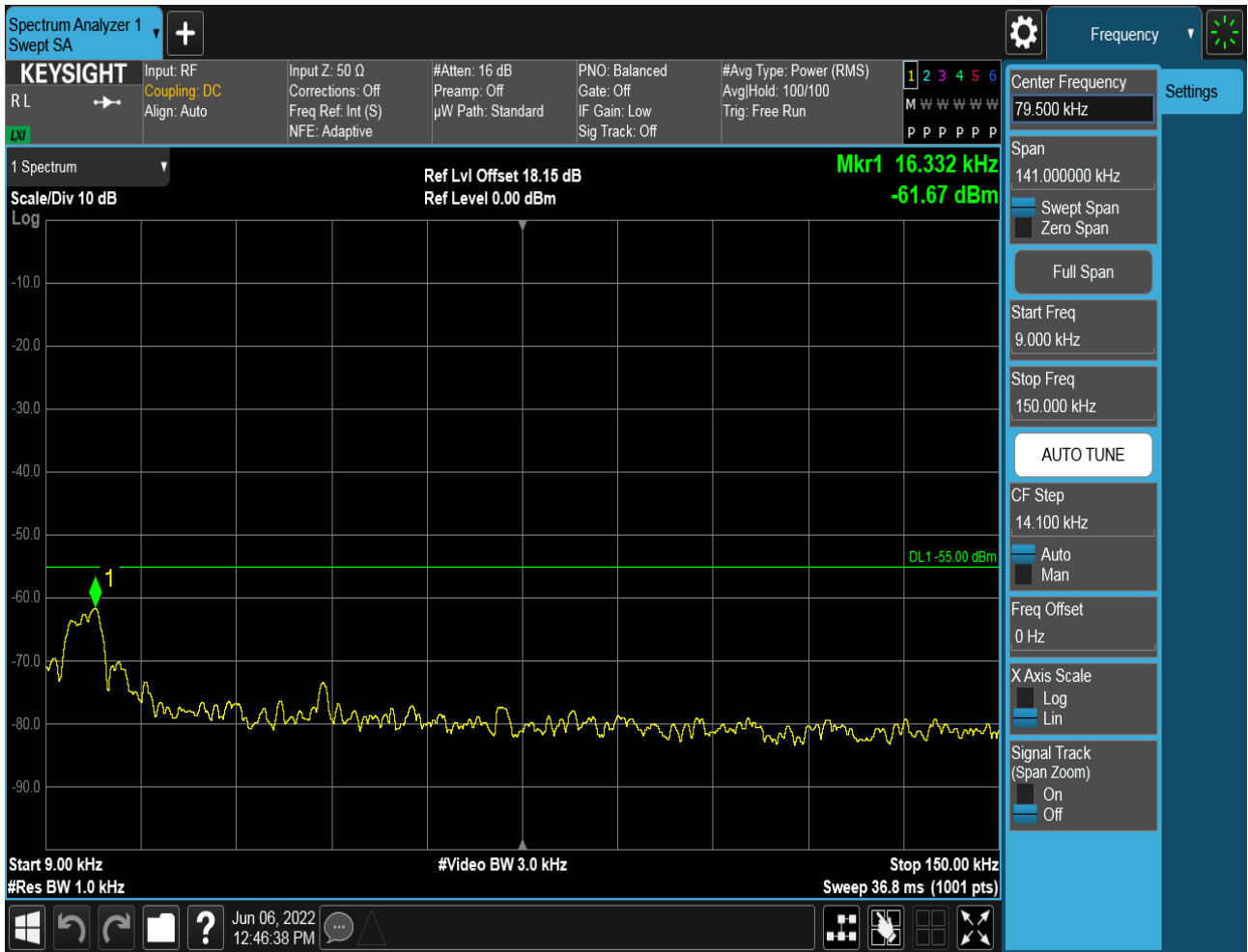


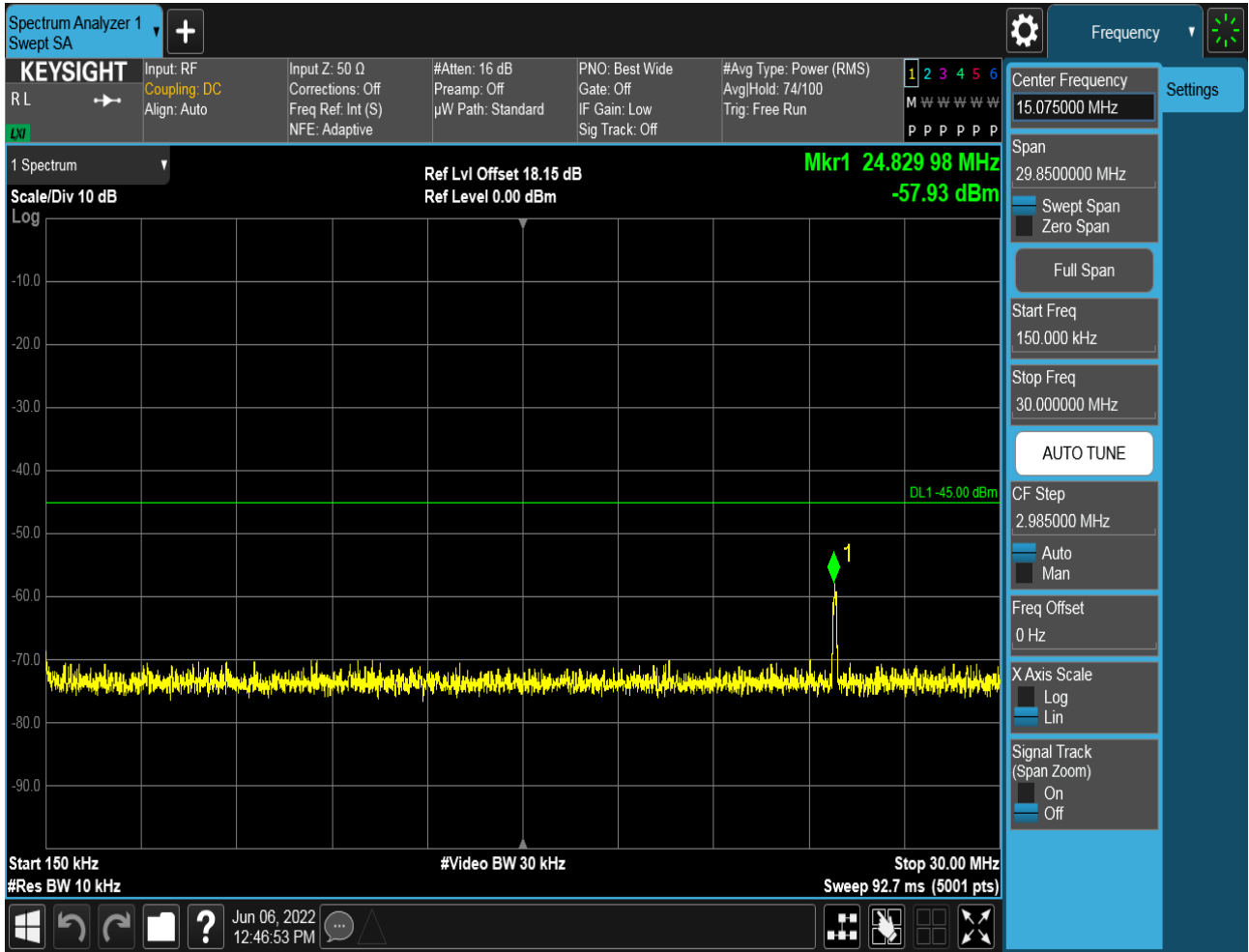


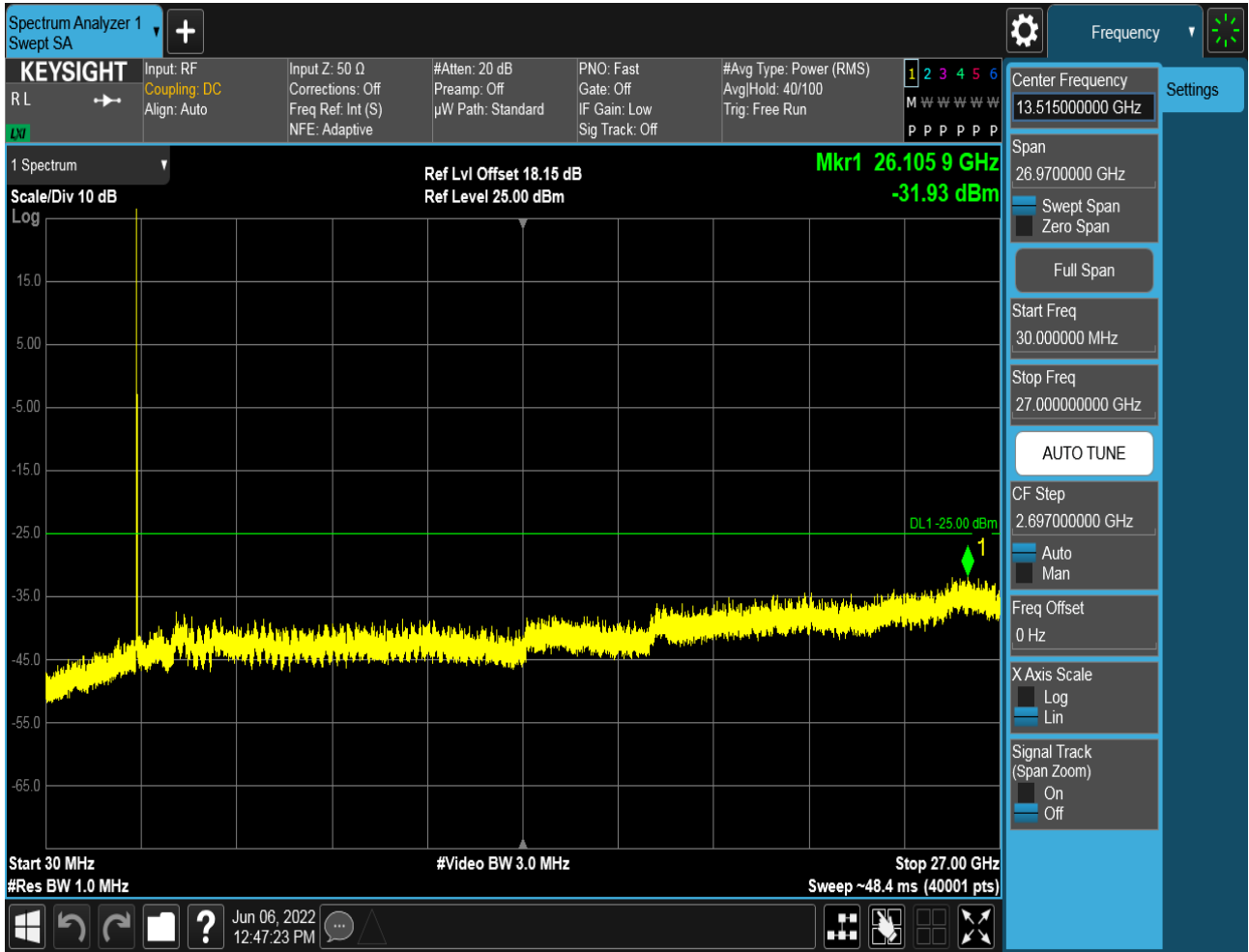


6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0

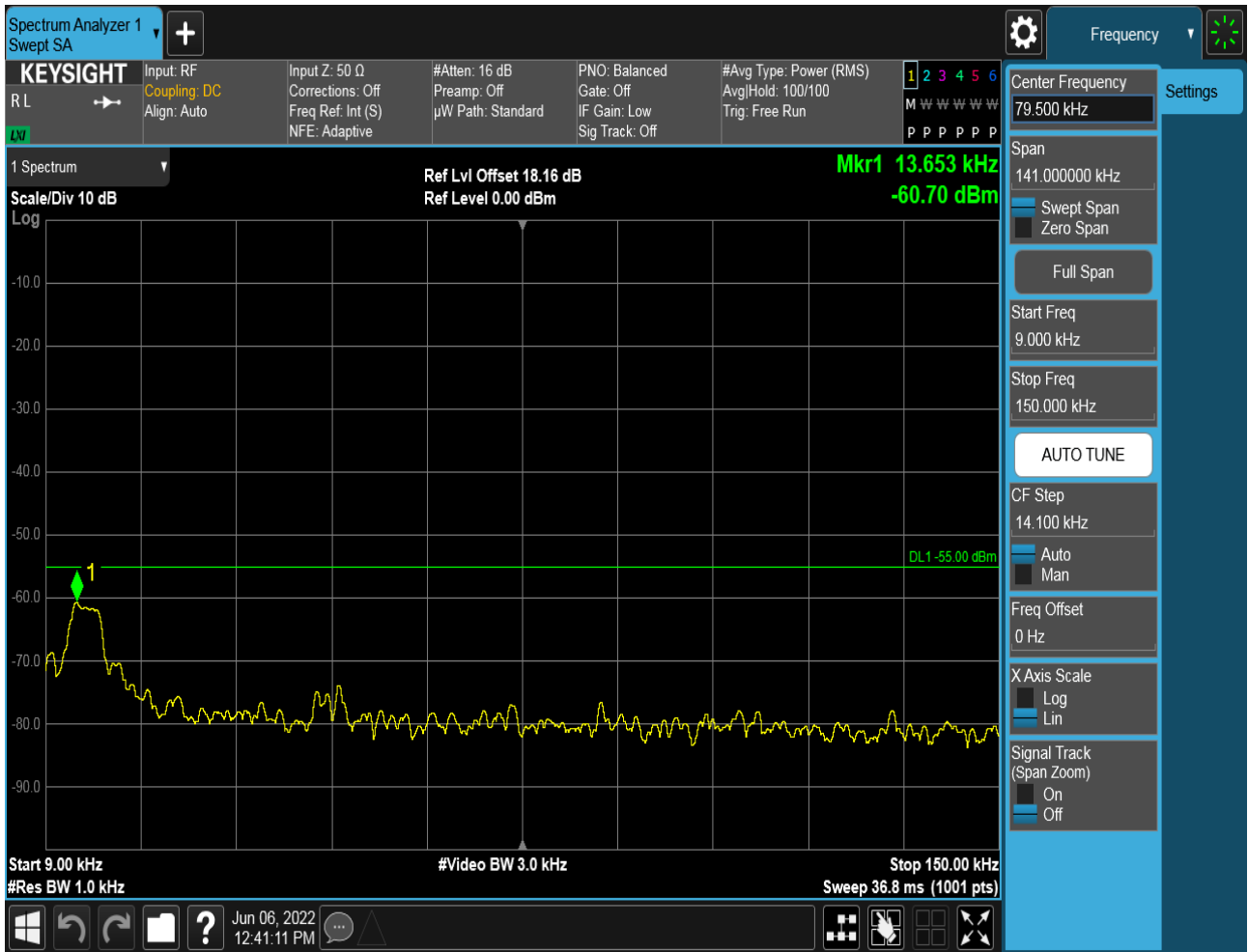


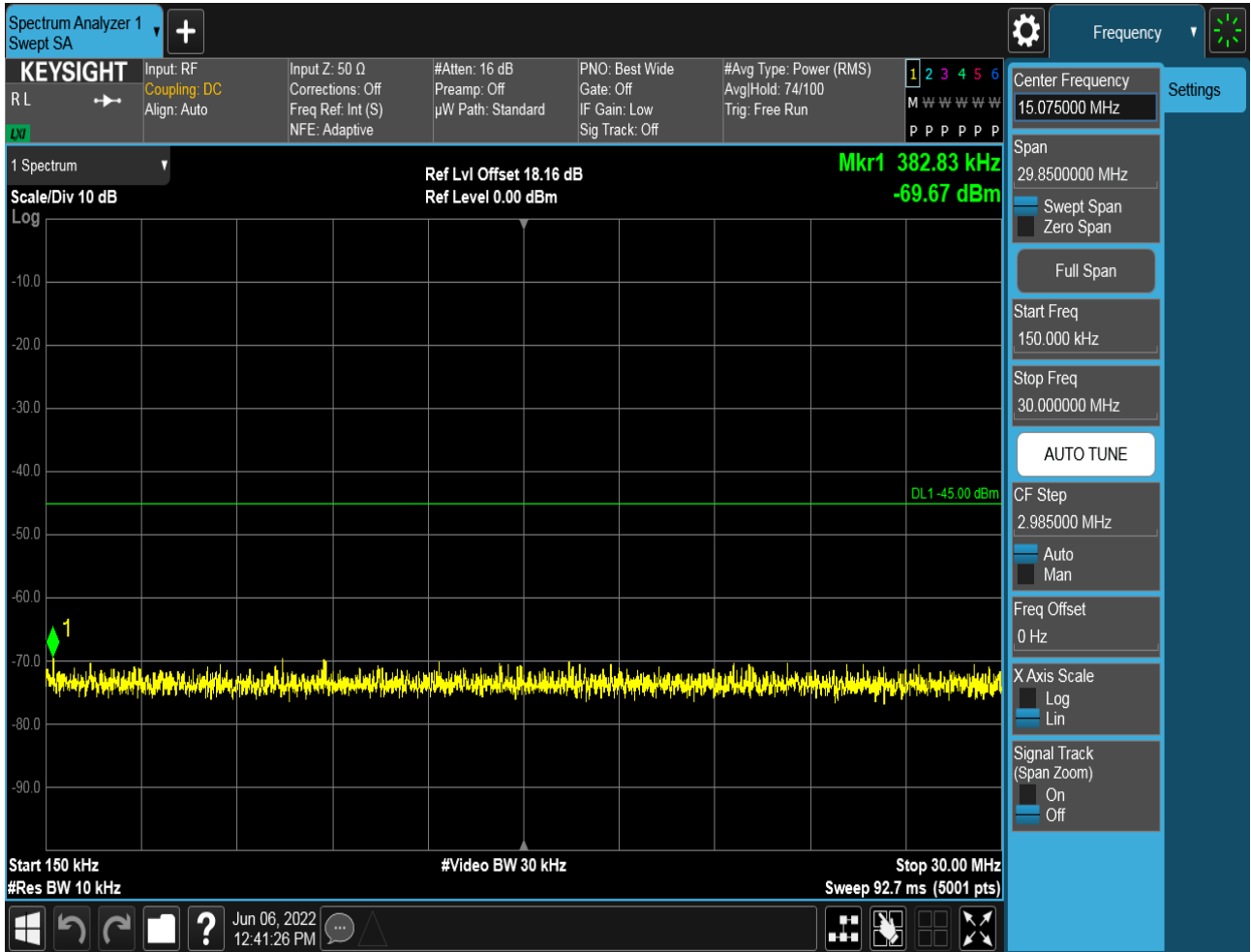


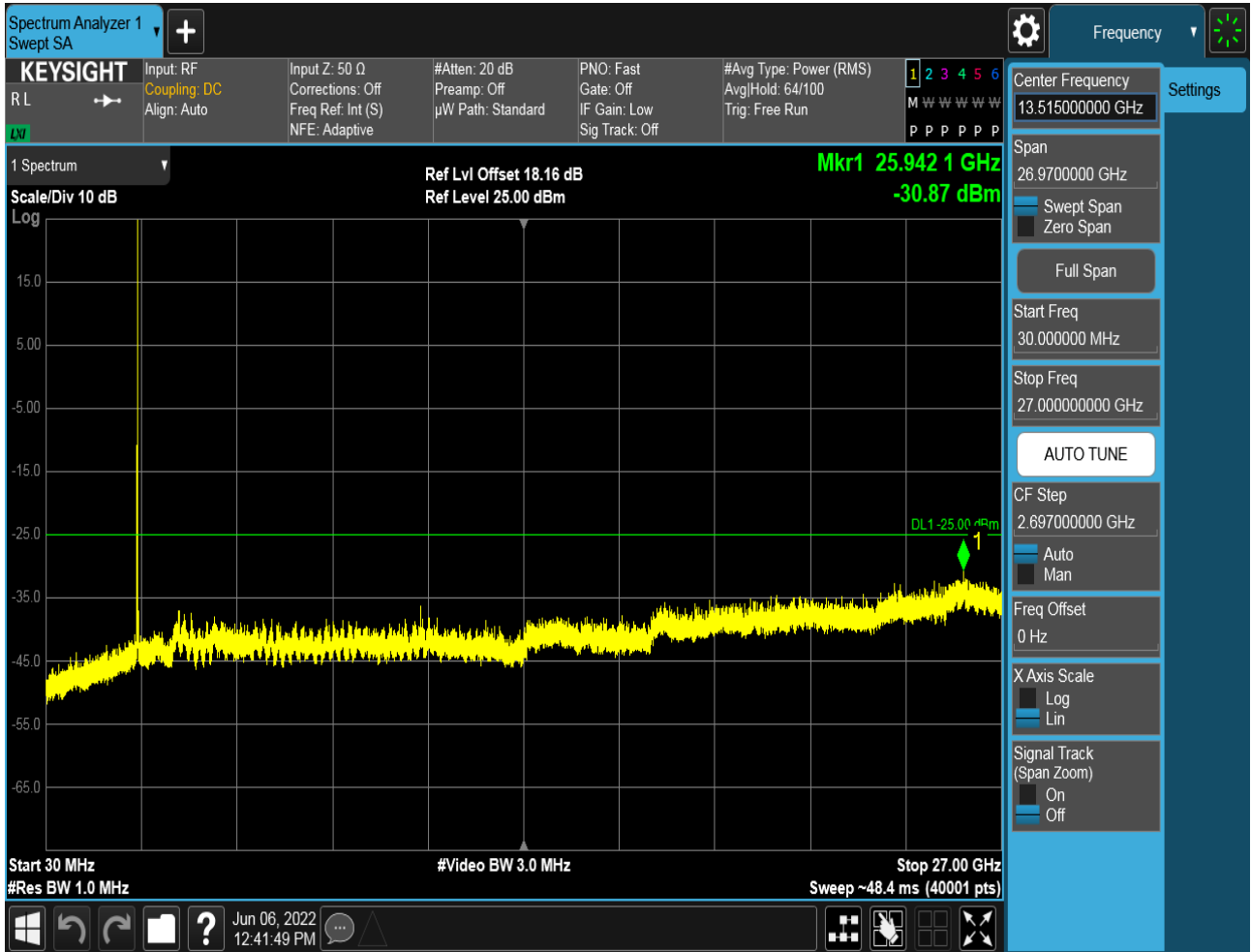


6.2.1.2.4.3 Test Channel = HCH

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

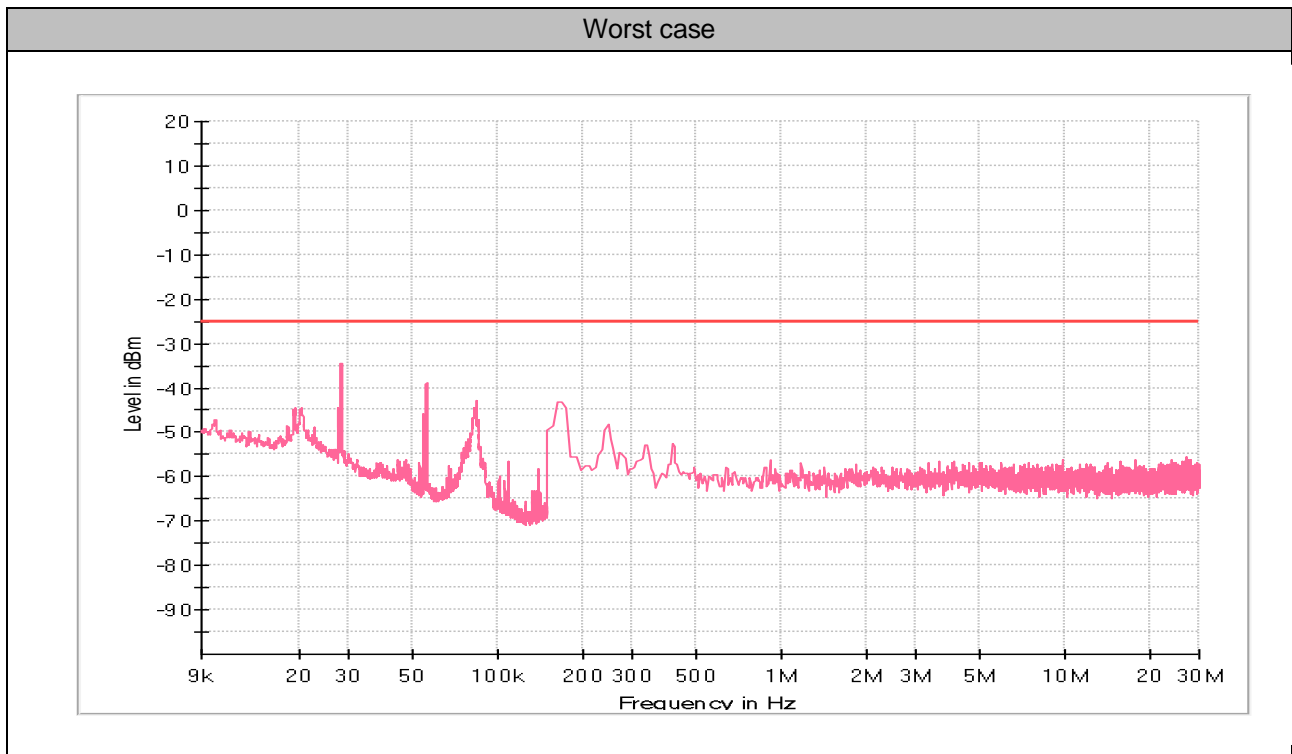
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

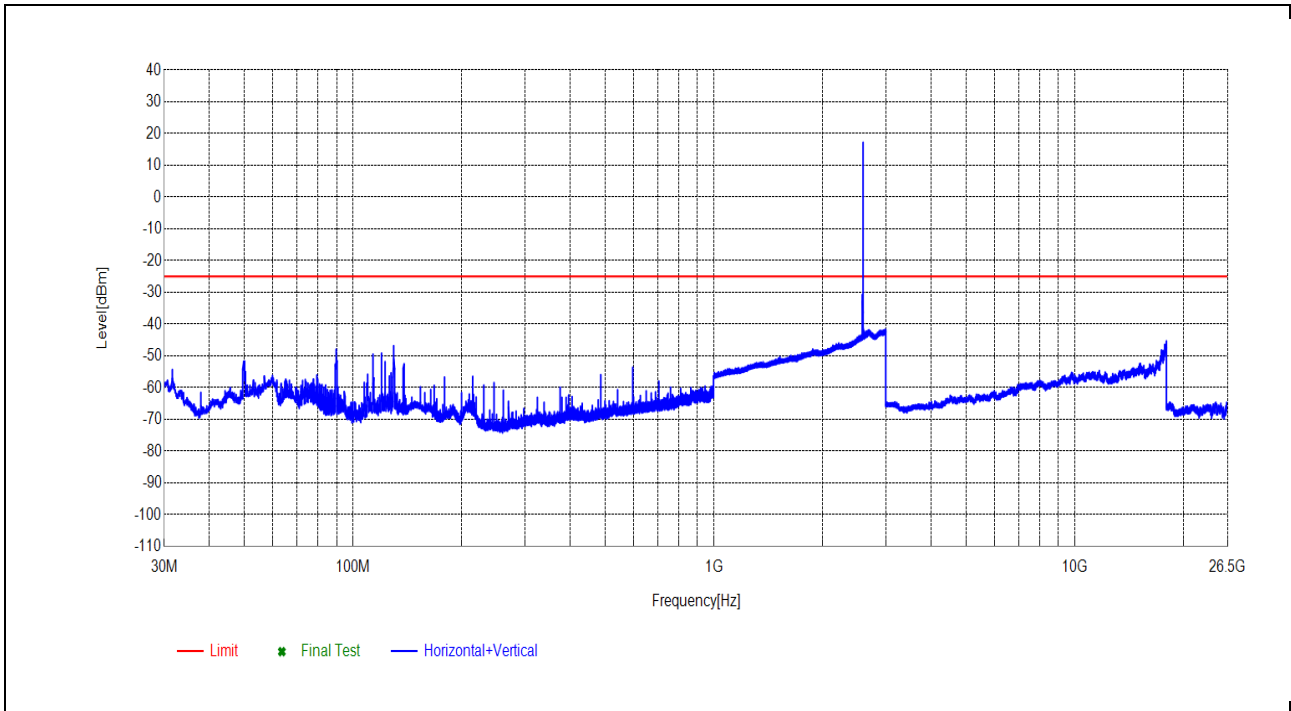
Part I - Test Plots

7.1 For LTE

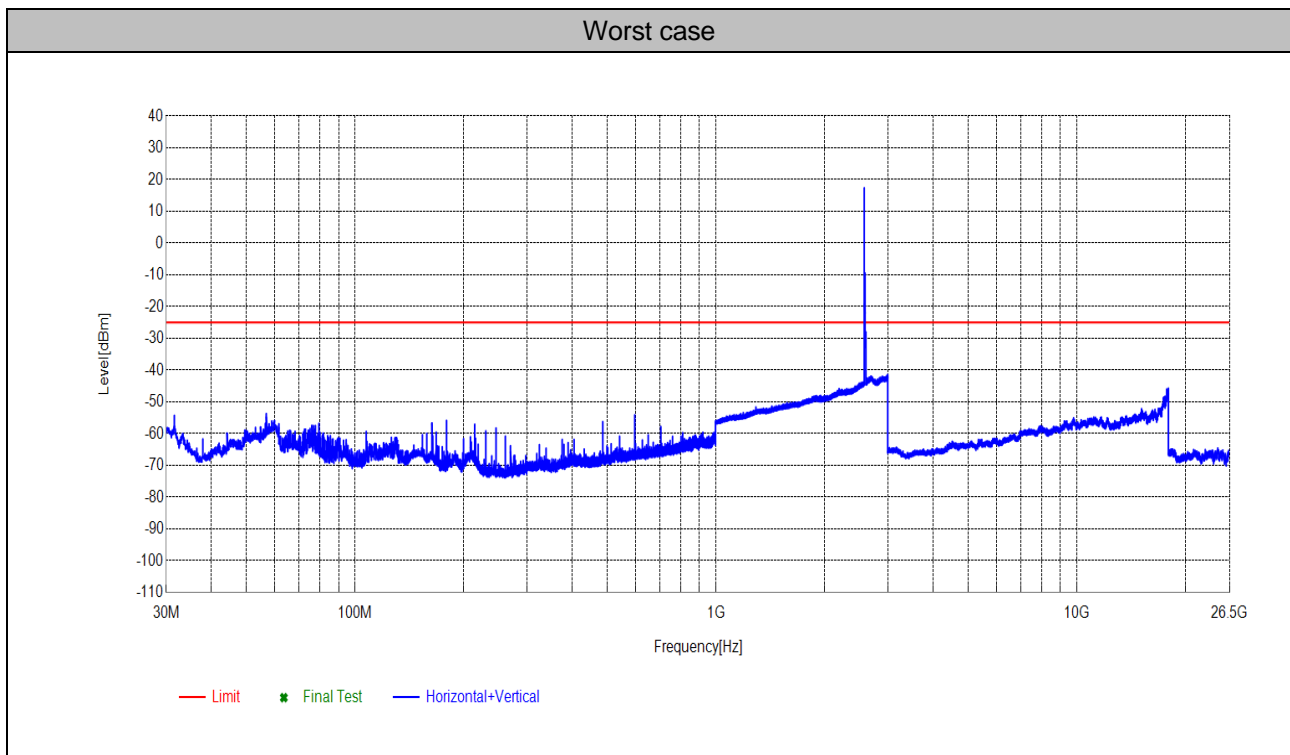
7.1.1 Test Band = Band38

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	-0.24319	-0.00009	PASS
					VN	4.84943	0.00189	PASS
					VH	16.46519	0.00640	PASS
			MCH	TN	VL	2.61784	0.00101	PASS
					VN	-6.93798	-0.00267	PASS
					VH	-1.14441	-0.00044	PASS
			HCH	TN	VL	-2.00272	-0.00077	PASS
					VN	-8.75473	-0.00334	PASS
					VH	-0.05722	-0.00002	PASS
		10	LCH	TN	VL	-4.43459	-0.00172	PASS
					VN	3.21865	0.00125	PASS
					VH	3.08990	0.00120	PASS
			MCH	TN	VL	0.94414	0.00036	PASS
					VN	3.51906	0.00136	PASS
					VH	-0.52929	-0.00020	PASS
			HCH	TN	VL	-0.70095	-0.00027	PASS
					VN	-4.42028	-0.00169	PASS
					VH	-4.79221	-0.00183	PASS
		15	LCH	TN	VL	-3.71933	-0.00144	PASS
					VN	-1.33038	-0.00052	PASS
					VH	0.67234	0.00026	PASS
			MCH	TN	VL	-1.97411	-0.00076	PASS
					VN	-3.43323	-0.00132	PASS
					VH	-2.37465	-0.00092	PASS
			HCH	TN	VL	-4.50611	-0.00172	PASS
					VN	-2.08855	-0.00080	PASS
					VH	1.44482	0.00055	PASS
		20	LCH	TN	VL	-1.94550	-0.00075	PASS
					VN	3.06129	0.00119	PASS
					VH	-2.60353	-0.00101	PASS
			MCH	TN	VL	-3.67641	-0.00142	PASS
					VN	-2.38895	-0.00092	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	-2.01702	-0.00078	PASS
					VL	-0.20027	-0.00008	PASS
					VN	-0.78678	-0.00030	PASS
					VH	-0.85831	-0.00033	PASS
			LCH	TN	VL	-4.87804	-0.00190	PASS
					VN	-11.10077	-0.00432	PASS
					VH	-9.32694	-0.00363	PASS
					VL	-0.67234	-0.00026	PASS
			MCH	TN	VN	-6.06537	-0.00234	PASS
					VH	-3.01838	-0.00116	PASS
					VL	-0.74387	-0.00028	PASS
					VN	-8.86917	-0.00339	PASS
		HCH	TN	VH	-0.15736	-0.00006	PASS	
				VL	-2.08855	-0.00081	PASS	
				VN	-7.52449	-0.00292	PASS	
				VH	-7.95364	-0.00309	PASS	
		10	LCH	TN	VL	0.62943	0.00024	PASS
					VN	-2.97546	-0.00115	PASS
					VH	-13.06057	-0.00503	PASS
					VL	3.66211	0.00140	PASS
			MCH	TN	VN	-1.74522	-0.00067	PASS
					VH	1.60217	0.00061	PASS
					VL	-3.01838	-0.00117	PASS
					VN	-3.80516	-0.00148	PASS
			HCH	TN	VH	-5.04971	-0.00196	PASS
					VL	1.80244	0.00069	PASS
					VN	-2.97546	-0.00115	PASS
					VH	-1.05858	-0.00041	PASS
		15	LCH	TN	VL	2.43187	0.00093	PASS
					VN	-2.57492	-0.00099	PASS
					VH	-2.20299	-0.00084	PASS
					VL	-1.63078	-0.00063	PASS
			MCH	TN	VN	-0.27180	-0.00011	PASS
					VH	0.02861	0.00001	PASS
					VL	1.31607	0.00051	PASS
					VN	-3.10421	-0.00120	PASS
			HCH	TN	VH	-2.31743	-0.00089	PASS
					VL	1.05858	0.00041	PASS
					VN	-2.31743	-0.00089	PASS
					VH	-2.31743	-0.00089	PASS
		20	LCH	TN	VL	1.05858	0.00041	PASS
					VN	-2.31743	-0.00089	PASS
					VH	-2.31743	-0.00089	PASS
					VL	1.05858	0.00041	PASS
			MCH	TN	VN	-2.31743	-0.00089	PASS
					VH	-2.31743	-0.00089	PASS
					VL	1.05858	0.00041	PASS
					VN	-2.31743	-0.00089	PASS
HCH	TN		VH	-2.31743	-0.00089	PASS		
			VL	1.05858	0.00041	PASS		
			VN	-2.31743	-0.00089	PASS		
			VH	-2.31743	-0.00089	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-2.20299	-0.00084	PASS
					VH	0.31471	0.00012	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	-16.49380	-0.00641	PASS
					-20	-6.89506	-0.00268	PASS
					-10	-25.01965	-0.00973	PASS
					0	-20.34187	-0.00791	PASS
					10	-4.26292	-0.00166	PASS
					20	4.84943	0.00189	PASS
					30	-35.31933	-0.01373	PASS
					40	-14.20498	-0.00552	PASS
			50	-11.52992	-0.00448	PASS		
			MCH	VN	-30	-6.96659	-0.00268	PASS
					-20	-3.60489	-0.00139	PASS
					-10	-7.79629	-0.00300	PASS
					0	-6.86646	-0.00265	PASS
					10	-22.53056	-0.00868	PASS
					20	-6.93798	-0.00267	PASS
					30	-10.80036	-0.00416	PASS
		40			-6.66618	-0.00257	PASS	
		50	-7.82490	-0.00302	PASS			
		HCH	VN	-30	-10.55717	-0.00403	PASS	
				-20	-11.12938	-0.00425	PASS	
				-10	0.04292	0.00002	PASS	
				0	81.58207	0.03117	PASS	
				10	-12.23087	-0.00467	PASS	
				20	-8.75473	-0.00334	PASS	
				30	-6.63757	-0.00254	PASS	
				40	-10.48565	-0.00401	PASS	
		50	-5.45025	-0.00208	PASS			
		10	LCH	VN	-30	0.58651	0.00023	PASS
-20	0.55790				0.00022	PASS		
-10	1.65939				0.00064	PASS		
0	0.20027				0.00008	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict				
					10	-2.27451	-0.00088	PASS				
					20	3.21865	0.00125	PASS				
					30	0.77248	0.00030	PASS				
					40	-1.88827	-0.00073	PASS				
					50	-42.32883	-0.01644	PASS				
			MCH		VN			-30	-2.64645	-0.00102	PASS	
								-20	-9.14097	-0.00352	PASS	
								-10	-0.54359	-0.00021	PASS	
								0	-85.18696	-0.03283	PASS	
								10	-5.22137	-0.00201	PASS	
							20	3.51906	0.00136	PASS		
							30	-4.52042	-0.00174	PASS		
							40	-8.39710	-0.00324	PASS		
							50	-8.56876	-0.00330	PASS		
							HCH	VN			-30	-5.87940
			-20		-5.16415						-0.00197	PASS
			-10		-5.69344						-0.00218	PASS
			0		-3.17573						-0.00121	PASS
			10		-18.98289						-0.00726	PASS
			20		-4.42028					-0.00169	PASS	
		30	-4.52042	-0.00173	PASS							
		40	-3.77655	-0.00144	PASS							
		50	-1.98841	-0.00076	PASS							
		LCH	VN				-30	0.68665		0.00027	PASS	
							-20	0.32902		0.00013	PASS	
						-10	-4.40597	-0.00171		PASS		
						0	1.34468	0.00052		PASS		
						10	8.03947	0.00312		PASS		
					20	-1.33038	-0.00052	PASS				
					30	-81.21014	-0.03151	PASS				
					40	-0.22888	-0.00009	PASS				
					50	48.52295	0.01883	PASS				
					MCH	VN				-30	-1.60217	-0.00062
		-20	-1.78814							-0.00069	PASS	
		-10	-3.19004						-0.00123	PASS		
		0	-2.66075						-0.00103	PASS		
		10	-1.08719						-0.00042	PASS		
		20	-3.43323					-0.00132	PASS			
		30	-1.90258					-0.00073	PASS			
					15				-30	0.68665	0.00027	PASS
-20	0.32902								0.00013	PASS		
-10	-4.40597								-0.00171	PASS		
0	1.34468								0.00052	PASS		
10	8.03947			0.00312					PASS			
20	-1.33038			-0.00052		PASS						
30	-81.21014			-0.03151		PASS						
40	-0.22888			-0.00009		PASS						
50	48.52295			0.01883		PASS						
-30	-1.60217			-0.00062		PASS						
-20	-1.78814	-0.00069	PASS									
-10	-3.19004	-0.00123	PASS									
0	-2.66075	-0.00103	PASS									
10	-1.08719	-0.00042	PASS									
20	-3.43323	-0.00132	PASS									
30	-1.90258	-0.00073	PASS									

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-5.97954	-0.00230	PASS
					50	0.28610	0.00011	PASS
			HCH	VN	-30	0.44346	0.00017	PASS
					-20	-1.05858	-0.00041	PASS
					-10	1.88827	0.00072	PASS
					0	-1.45912	-0.00056	PASS
					10	5.17845	0.00198	PASS
					20	-2.08855	-0.00080	PASS
					30	-2.44618	-0.00094	PASS
					40	-1.27316	-0.00049	PASS
					50	-1.00136	-0.00038	PASS
					LCH	VN	-30	0.57220
			-20	-0.47207			-0.00018	PASS
			-10	0.35763			0.00014	PASS
		0	-0.71526	-0.00028			PASS	
		10	5.06401	0.00196			PASS	
		20	3.06129	0.00119			PASS	
		30	-50.62580	-0.01962			PASS	
		40	2.58923	0.00100			PASS	
		50	-84.42879	-0.03272	PASS			
		MCH	VN	-30	-6.76632	-0.00261	PASS	
				-20	0.87261	0.00034	PASS	
				-10	-1.15871	-0.00045	PASS	
				0	-1.15871	-0.00045	PASS	
				10	1.45912	0.00056	PASS	
				20	-2.38895	-0.00092	PASS	
				30	0.32902	0.00013	PASS	
				40	0.74387	0.00029	PASS	
		50	0.78678	0.00030	PASS			
		HCH	VN	-30	-4.67777	-0.00179	PASS	
				-20	-1.68800	-0.00065	PASS	
				-10	-2.17438	-0.00083	PASS	
0	-3.30448			-0.00127	PASS			
10	1.31607			0.00050	PASS			
20	-0.78678			-0.00030	PASS			
30	1.94550			0.00075	PASS			
40	1.37329			0.00053	PASS			
50	-2.87533	-0.00110	PASS					
LTE/TM2	5	LCH	VN	-30	-5.77927	-0.00225	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-8.35419	-0.00325	PASS	
					-10	-2.64645	-0.00103	PASS	
					0	-9.01222	-0.00350	PASS	
					10	-1.70231	-0.00066	PASS	
					20	-11.10077	-0.00432	PASS	
					30	-2.10285	-0.00082	PASS	
					40	-4.30584	-0.00167	PASS	
					50	0.14305	0.00006	PASS	
			MCH	VN	-30	-7.35283	-0.00283	PASS	
					-20	-6.85215	-0.00264	PASS	
					-10	-3.47614	-0.00134	PASS	
					0	-7.58171	-0.00292	PASS	
					10	-21.45767	-0.00827	PASS	
					20	-6.06537	-0.00234	PASS	
					30	-10.35690	-0.00399	PASS	
					40	-13.30376	-0.00513	PASS	
			HCH	VN	-30	-9.32694	-0.00356	PASS	
					-20	-17.06600	-0.00652	PASS	
					-10	-10.12802	-0.00387	PASS	
					0	-8.76904	-0.00335	PASS	
					10	-32.28664	-0.01233	PASS	
					20	-8.86917	-0.00339	PASS	
					30	-9.29833	-0.00355	PASS	
					40	-8.68320	-0.00332	PASS	
			10	LCH	VN	-30	-0.81539	-0.00032	PASS
						-20	-1.38760	-0.00054	PASS
						-10	-7.00951	-0.00272	PASS
						0	1.84536	0.00072	PASS
						10	-20.27035	-0.00787	PASS
						20	-7.52449	-0.00292	PASS
						30	-5.09262	-0.00198	PASS
						40	0.17166	0.00007	PASS
				50	-316.02860	-0.12273	PASS		
				MCH	VN	-30	-1.11580	-0.00043	PASS
						-20	-2.54631	-0.00098	PASS
						-10	-4.01974	-0.00155	PASS
			0			-5.16415	-0.00199	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-6.29425	-0.00243	PASS		
					20	-2.97546	-0.00115	PASS		
					30	-0.71526	-0.00028	PASS		
					40	-3.66211	-0.00141	PASS		
					50	-4.13418	-0.00159	PASS		
			HCH	VN	-30	-4.33445	-0.00166	PASS		
					-20	-7.93934	-0.00304	PASS		
					-10	-1.57356	-0.00060	PASS		
					0	-5.85079	-0.00224	PASS		
					10	-18.09597	-0.00692	PASS		
					20	-1.74522	-0.00067	PASS		
					30	-5.76496	-0.00220	PASS		
					40	-8.12531	-0.00311	PASS		
					50	-2.93255	-0.00112	PASS		
					LCH	VN	-30	-3.29018	-0.00128	PASS
							-20	-4.36306	-0.00169	PASS
							-10	-5.13554	-0.00199	PASS
							0	-4.84943	-0.00188	PASS
		10	3.34740	0.00130			PASS			
		20	-3.80516	-0.00148			PASS			
		30	-3.79086	-0.00147			PASS			
		40	-4.94957	-0.00192			PASS			
		50	-178.11300	-0.06910			PASS			
		MCH	VN	-30			-2.67506	-0.00103	PASS	
				-20	-2.48909	-0.00096	PASS			
				-10	-5.43594	-0.00209	PASS			
				0	-0.94414	-0.00036	PASS			
				10	-3.93391	-0.00152	PASS			
				20	-2.97546	-0.00115	PASS			
				30	-5.69344	-0.00219	PASS			
				40	-0.20027	-0.00008	PASS			
		HCH	VN	50	-3.91960	-0.00151	PASS			
				-30	-0.98705	-0.00038	PASS			
				-20	-0.68665	-0.00026	PASS			
				-10	-3.70503	-0.00142	PASS			
				0	-1.38760	-0.00053	PASS			
				10	1.64509	0.00063	PASS			
				20	-2.57492	-0.00099	PASS			
		30	1.78814	0.00068	PASS					
		15					-30	-0.98705	-0.00038	PASS
							-20	-0.68665	-0.00026	PASS
							-10	-3.70503	-0.00142	PASS
0	-1.38760						-0.00053	PASS		
10	1.64509						0.00063	PASS		
HCH	VN				20	-2.57492	-0.00099	PASS		
					30	1.78814	0.00068	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	1.85966	0.00071	PASS
					50	-0.62943	-0.00024	PASS
		20	LCH	VN	-30	-4.14848	-0.00161	PASS
					-20	0.08583	0.00003	PASS
					-10	-3.41892	-0.00133	PASS
					0	-2.68936	-0.00104	PASS
					10	1.20163	0.00047	PASS
					20	-0.27180	-0.00011	PASS
			30	0.00000	0.00000	PASS		
			40	-2.70367	-0.00105	PASS		
			50	-45.57610	-0.01767	PASS		
			MCH	VN	-30	-3.76225	-0.00145	PASS
					-20	-0.52929	-0.00020	PASS
					-10	0.30041	0.00012	PASS
					0	-4.00543	-0.00154	PASS
					10	-1.75953	-0.00068	PASS
					20	-3.10421	-0.00120	PASS
			30	1.61648	0.00062	PASS		
			40	-4.72069	-0.00182	PASS		
			50	-1.80244	-0.00069	PASS		
		HCH	VN	-30	-0.08583	-0.00003	PASS	
				-20	-0.95844	-0.00037	PASS	
				-10	-3.06129	-0.00117	PASS	
				0	-1.97411	-0.00076	PASS	
				10	-1.90258	-0.00073	PASS	
				20	-2.20299	-0.00084	PASS	
		30	1.37329	0.00053	PASS			
		40	-0.87261	-0.00033	PASS			
		50	-1.58787	-0.00061	PASS			

END