





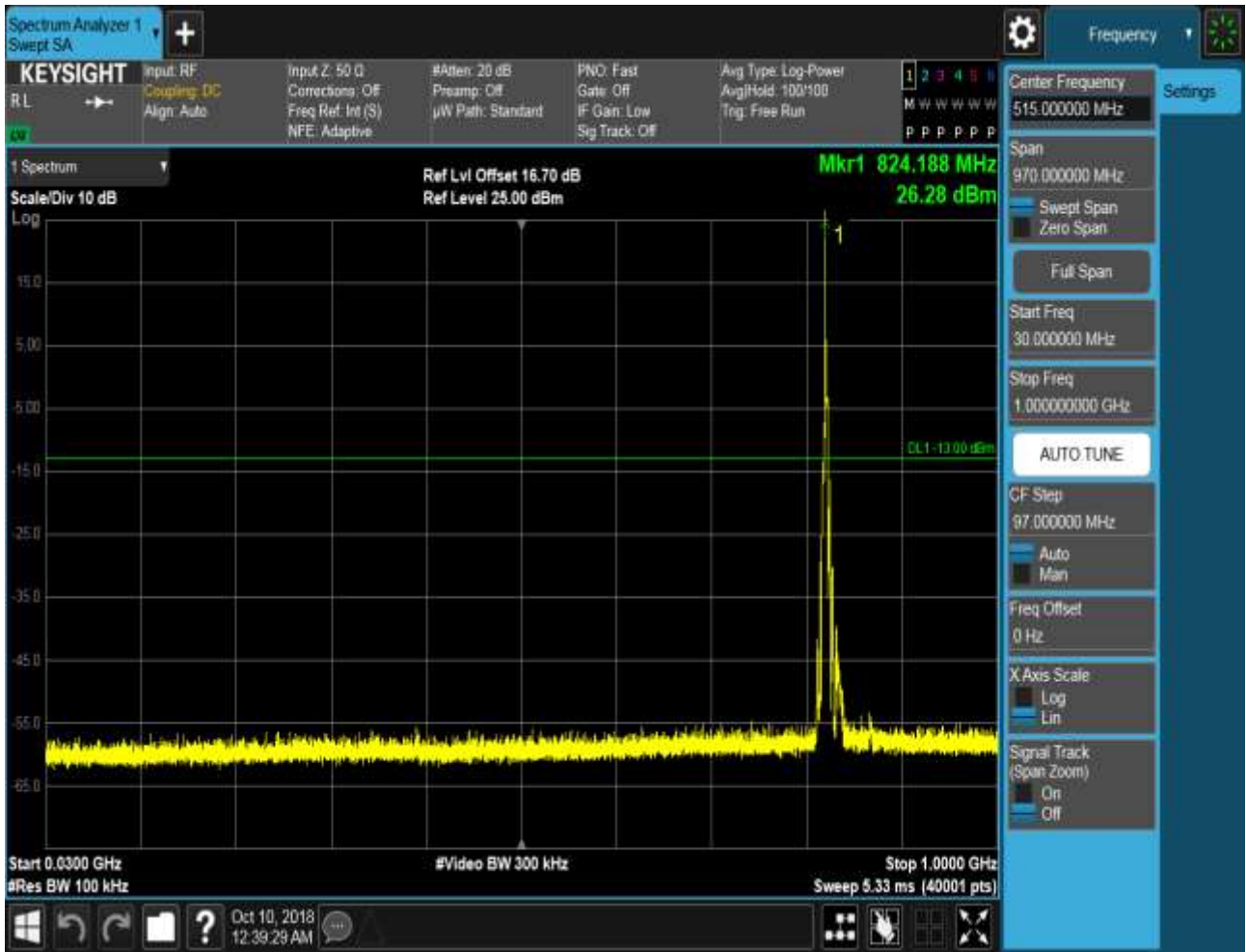
6.2.1.1.2 Test Bandwidth = 3

6.2.1.1.2.1 Test Channel = LCH

6.2.1.1.2.1.1 Test RB = RB1#0









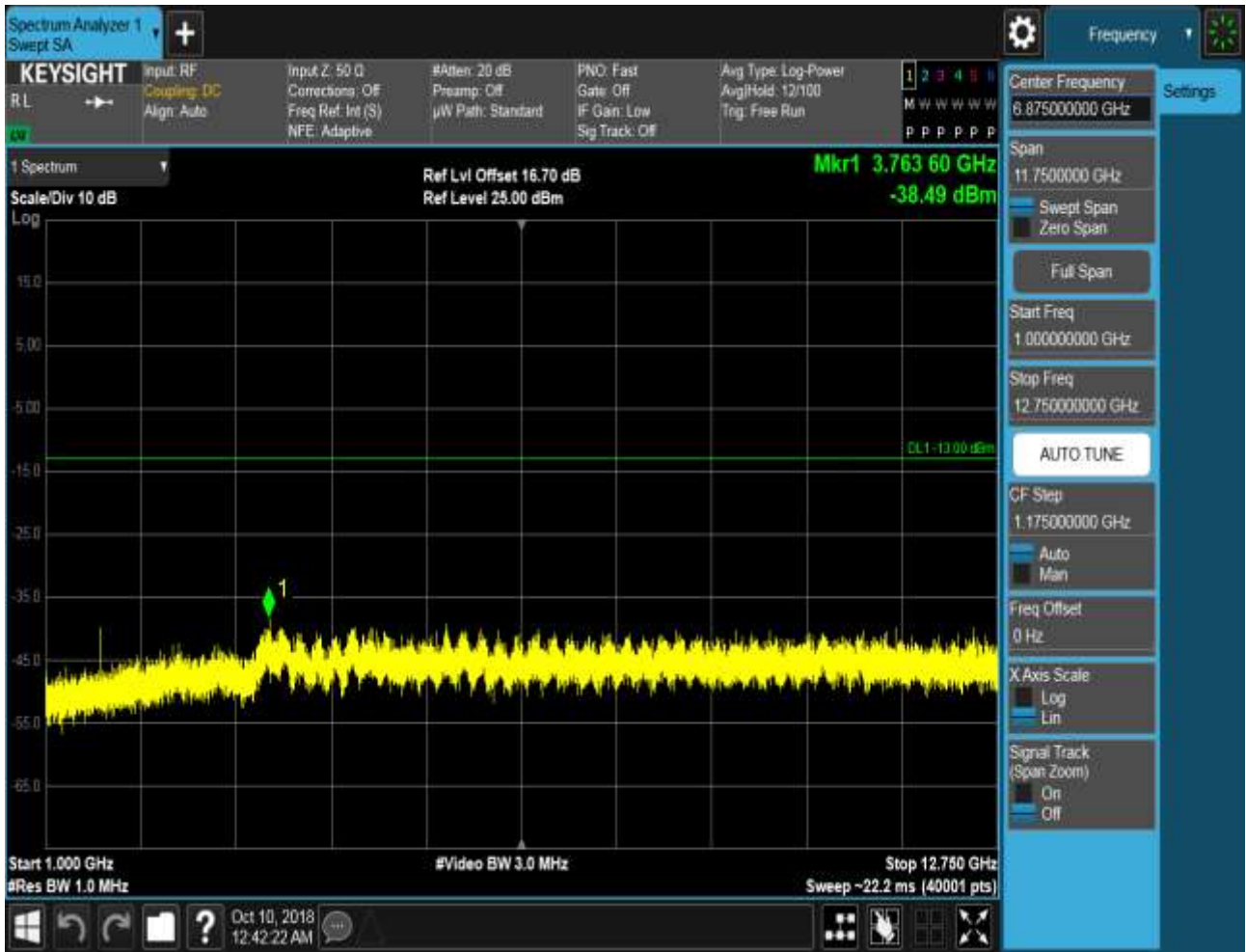
6.2.1.1.2.2 Test Channel = MCH

6.2.1.1.2.2.1 Test RB = RB1#0









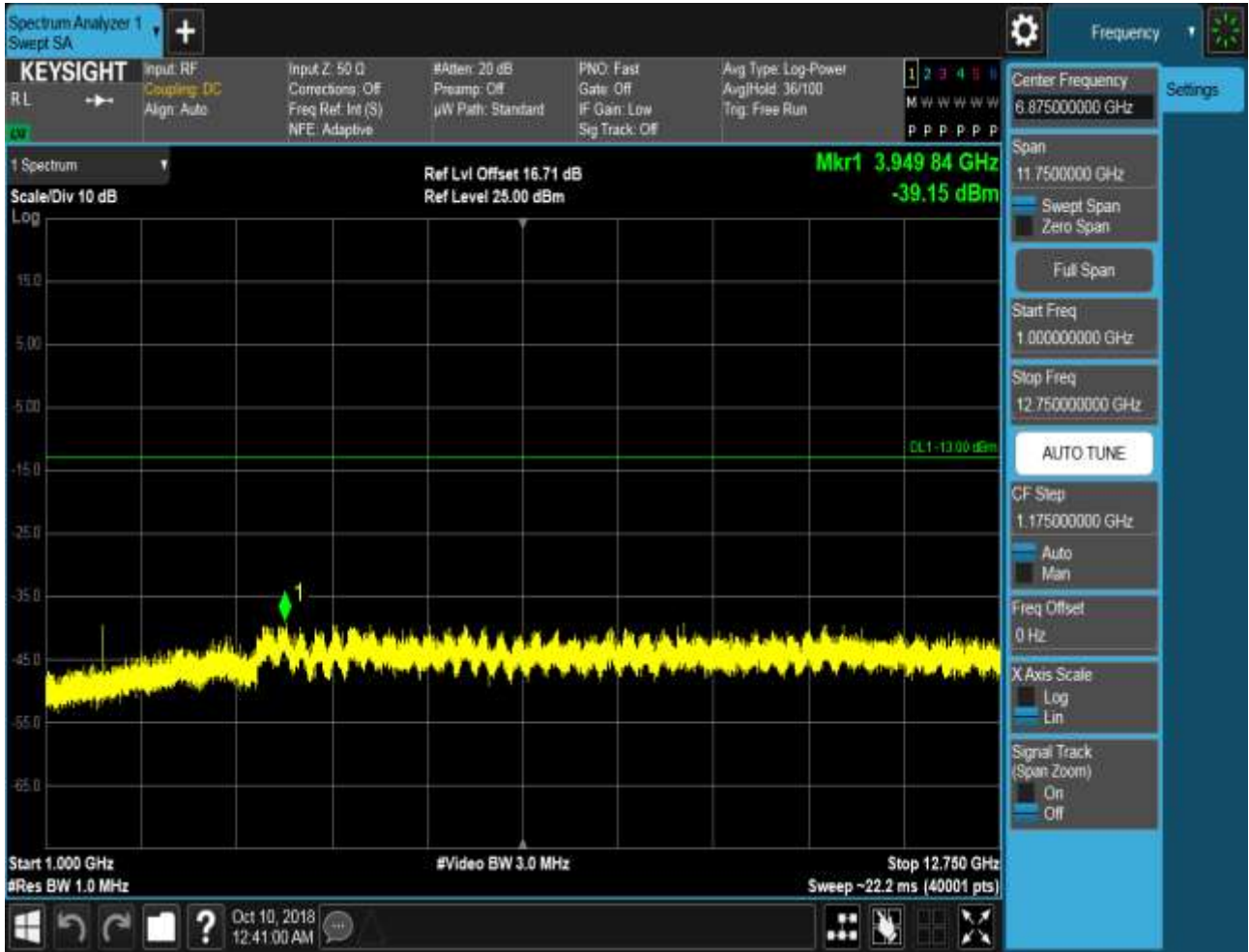
6.2.1.1.2.3 Test Channel = HCH

6.2.1.1.2.3.1 Test RB = RB1#0









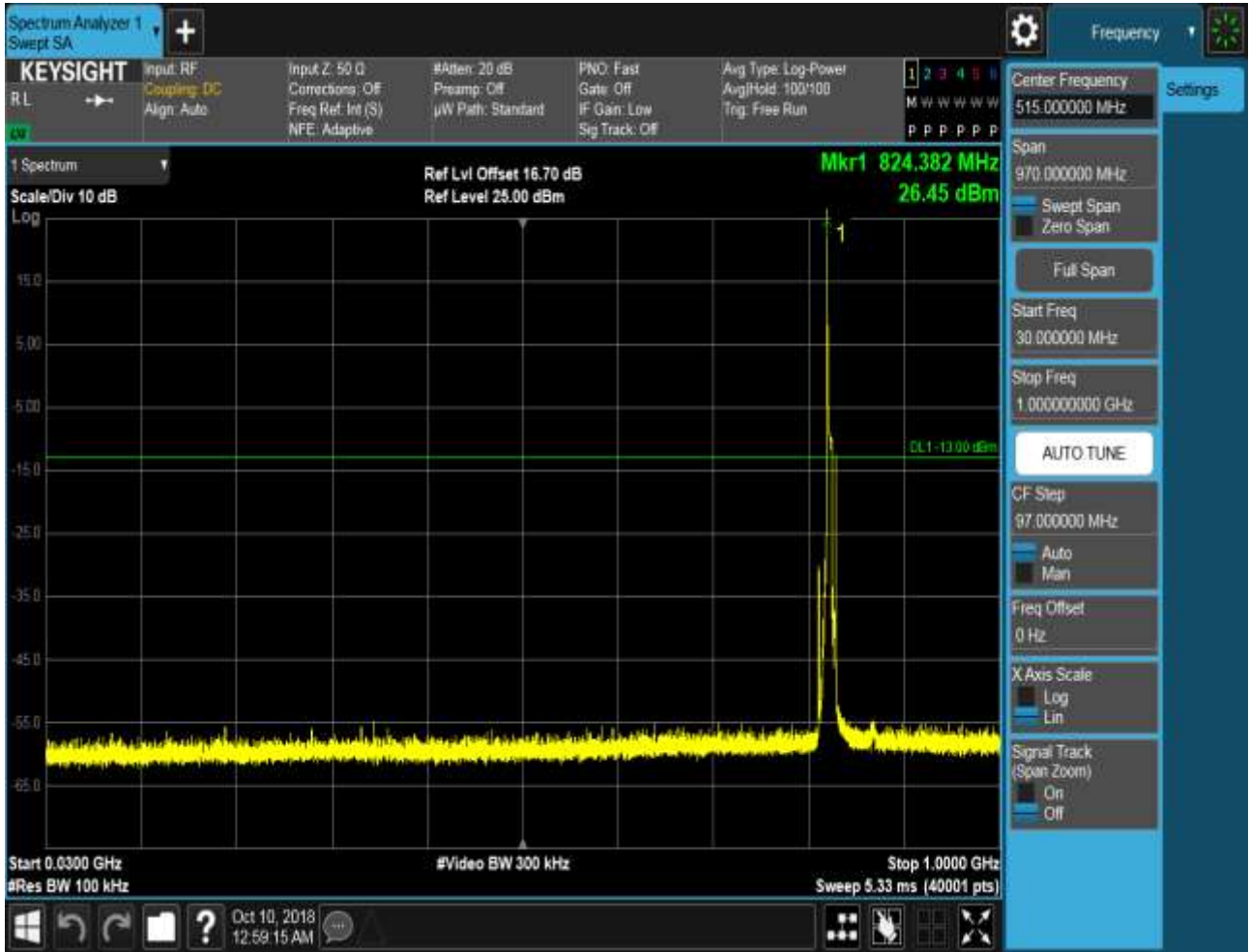
6.2.1.1.3 Test Bandwidth = 5

6.2.1.1.3.1 Test Channel = LCH

6.2.1.1.3.1.1 Test RB = RB1#0









6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0







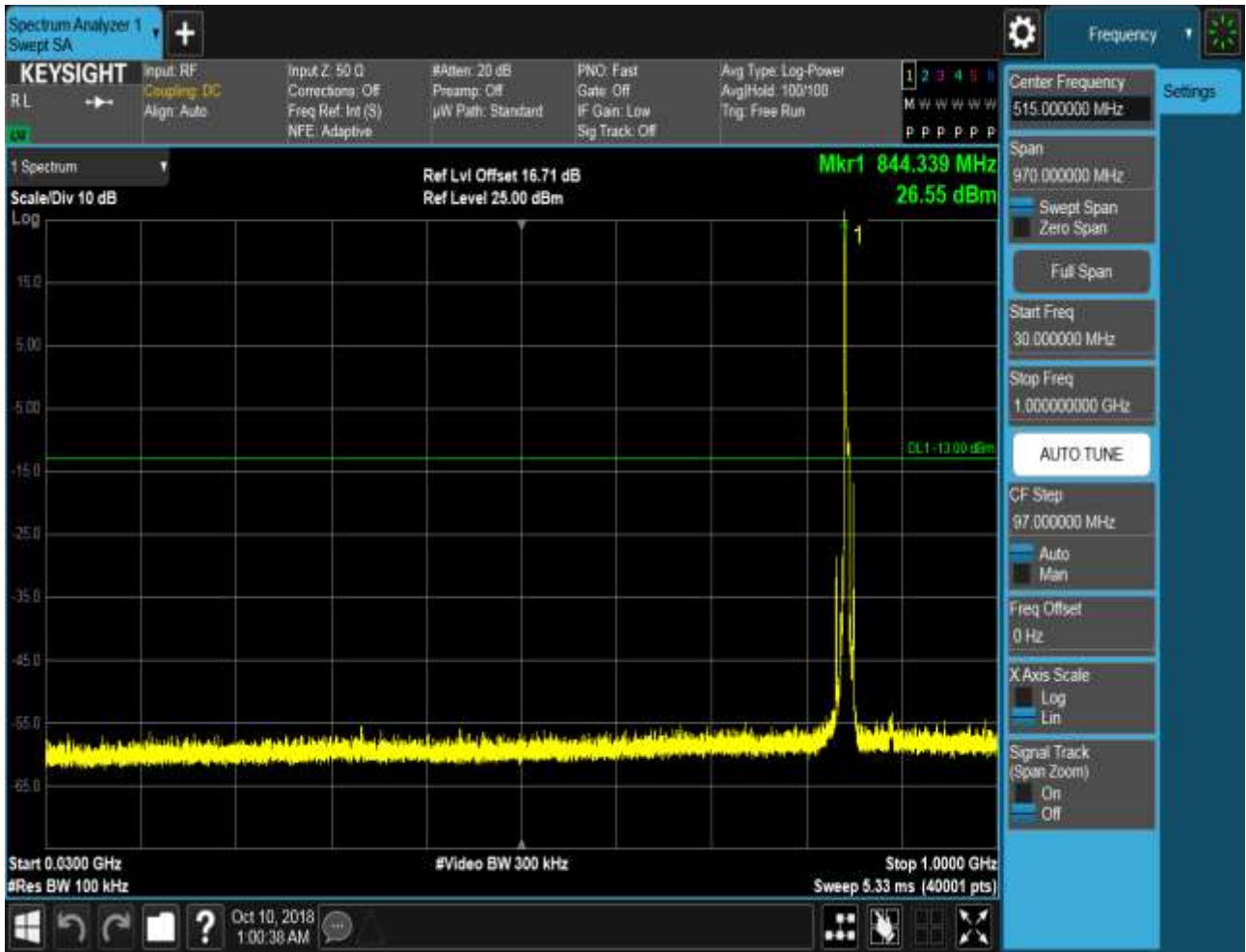


6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0











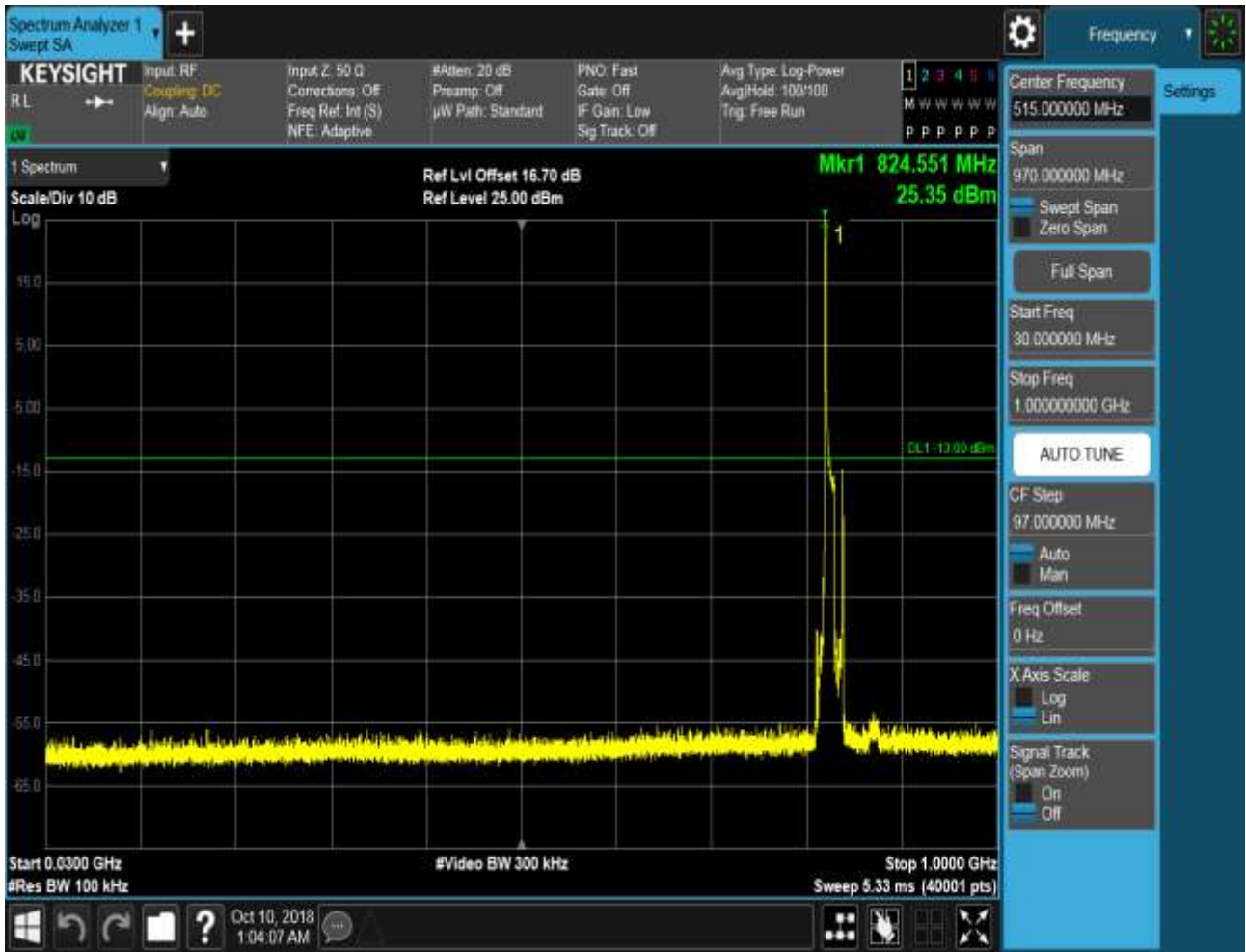
6.2.1.1.4 Test Bandwidth = 10

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0







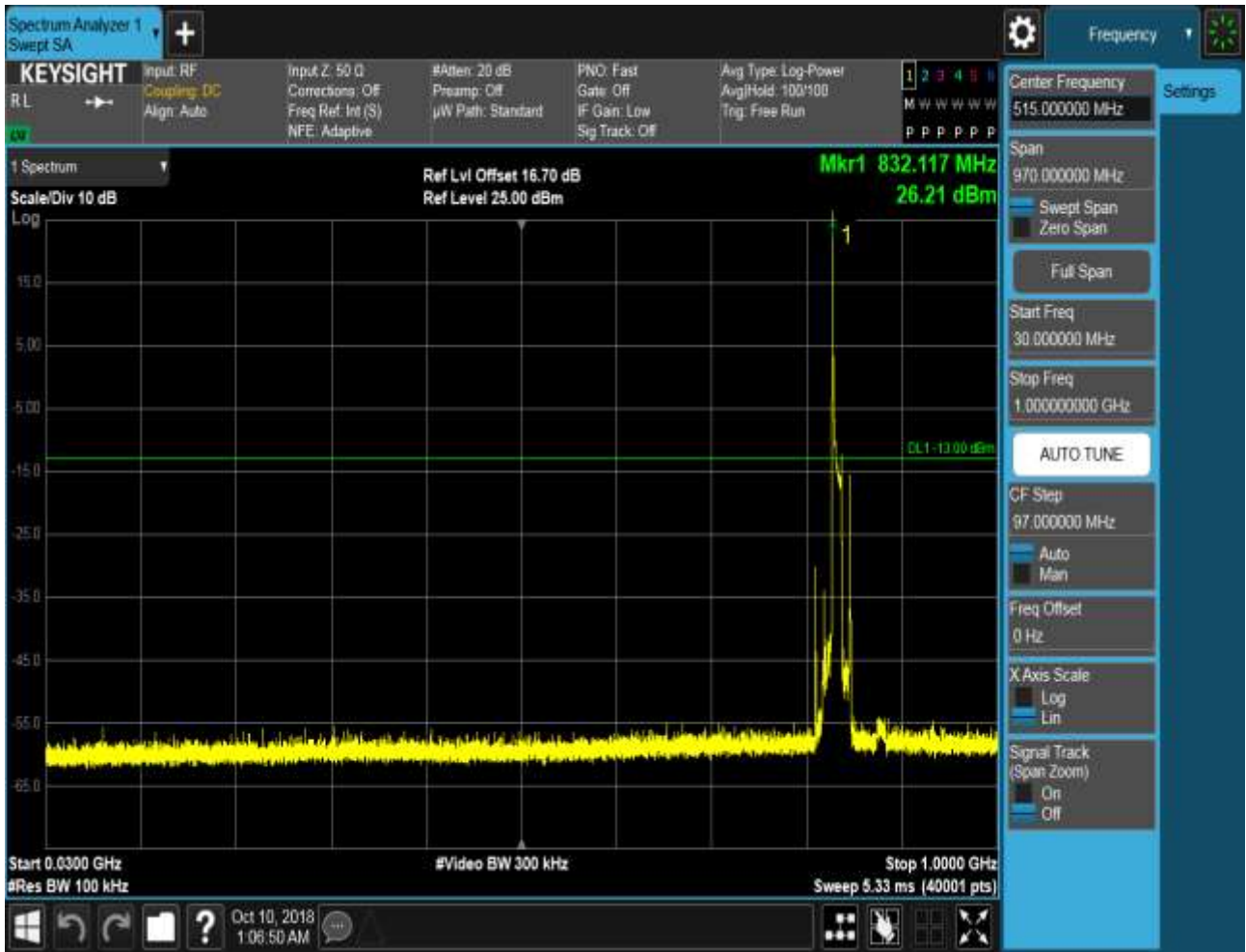


6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0









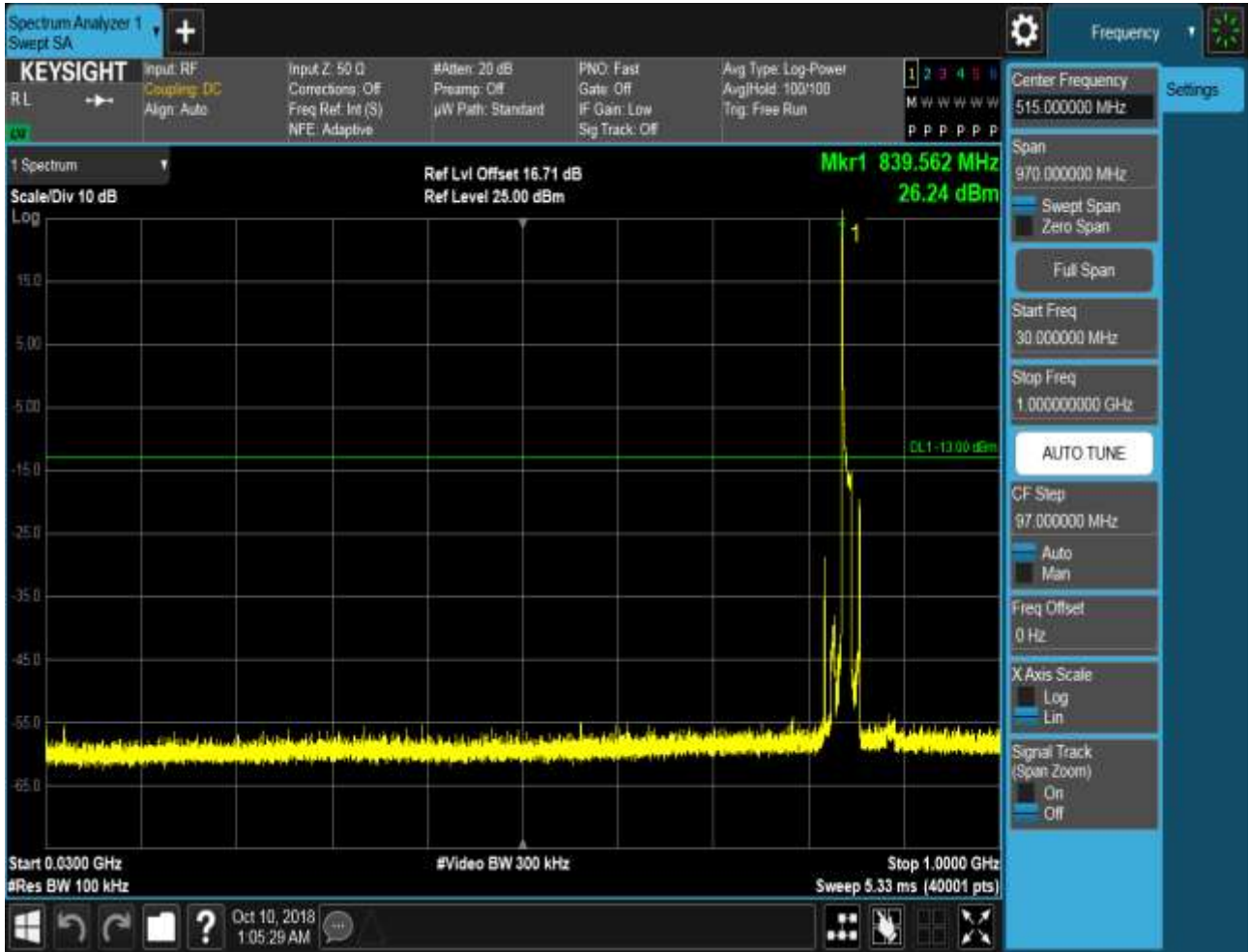


6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0









6.2.1.2 Test Mode = LTE/TM2

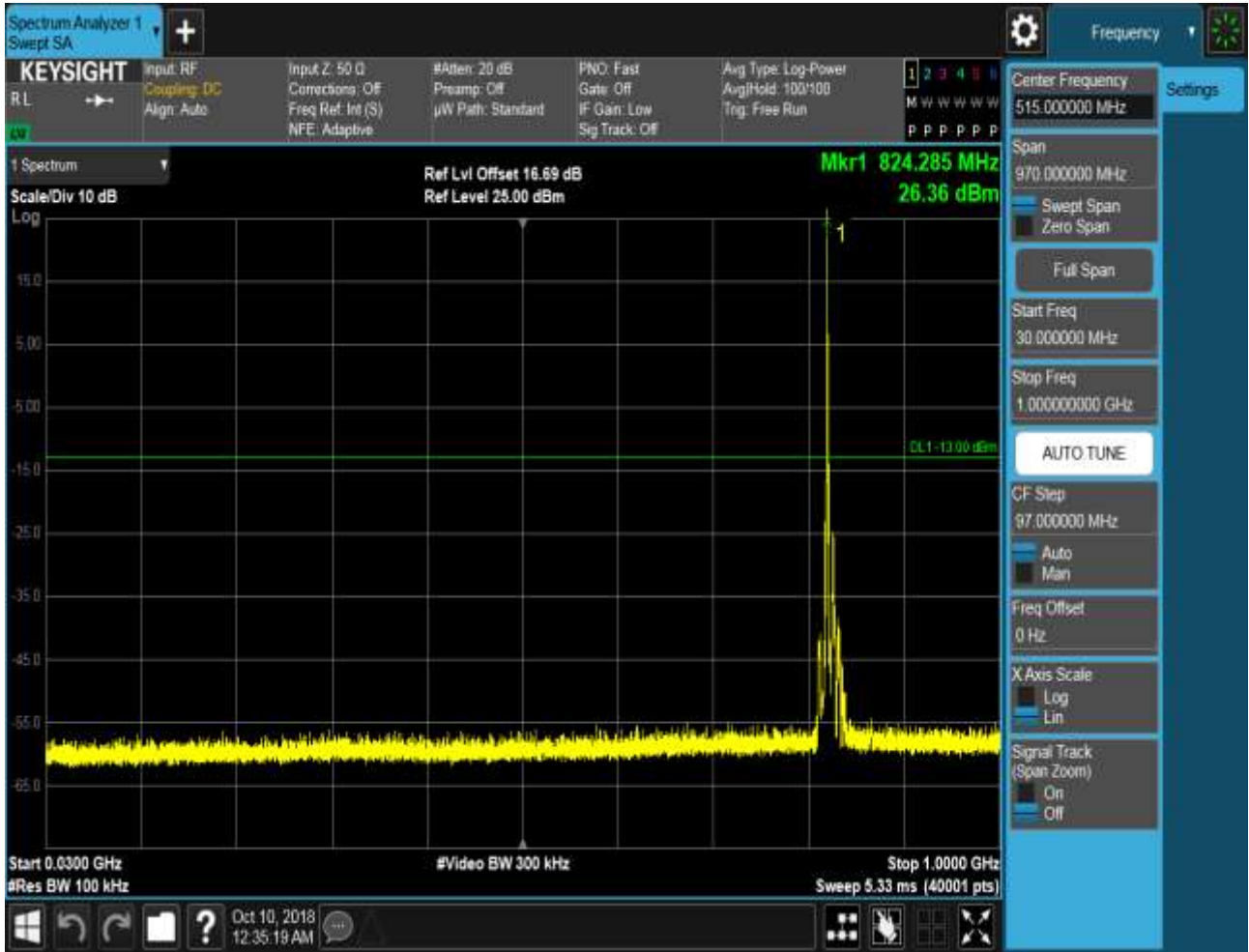
6.2.1.2.1 Test Bandwidth = 1.4

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0









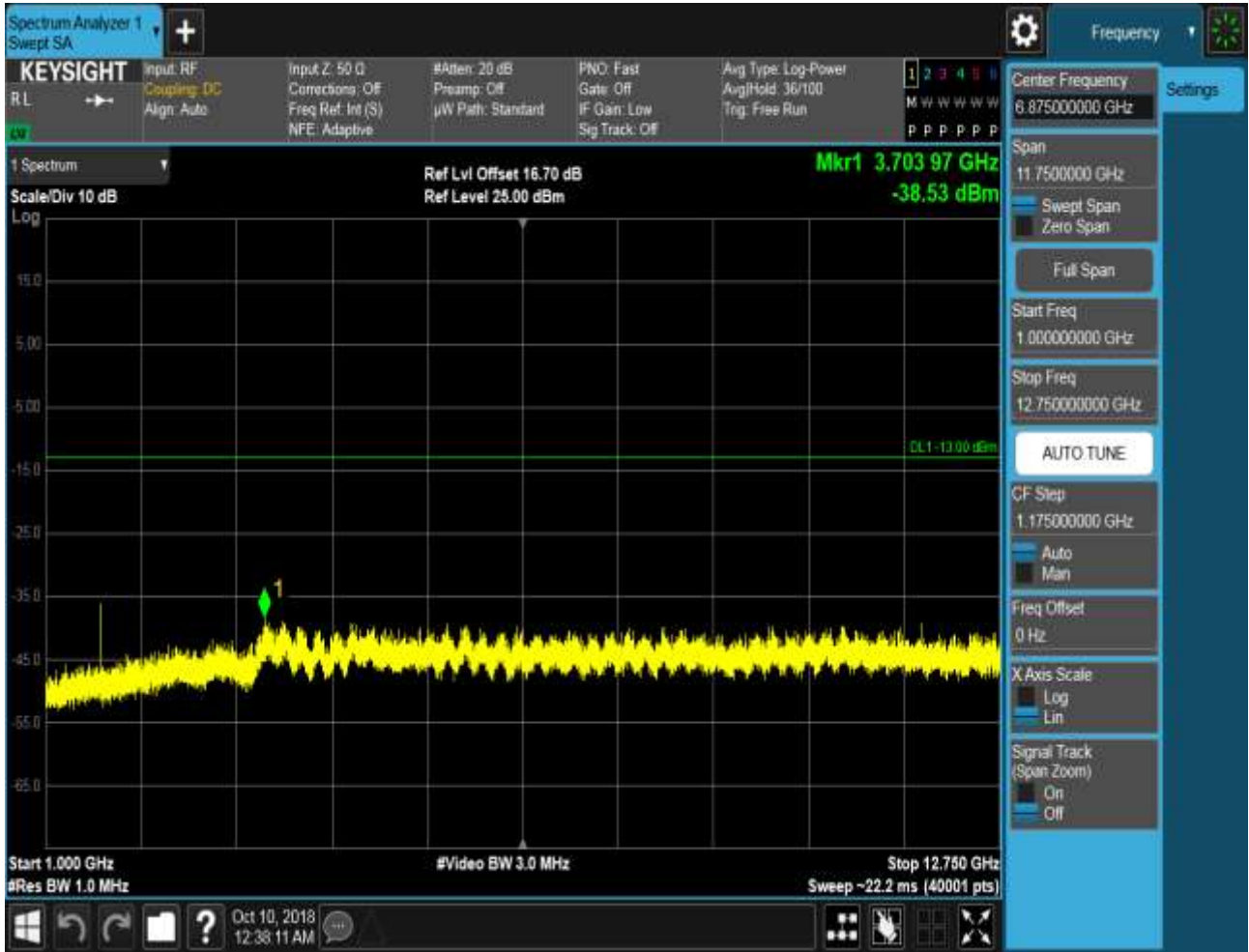
6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0









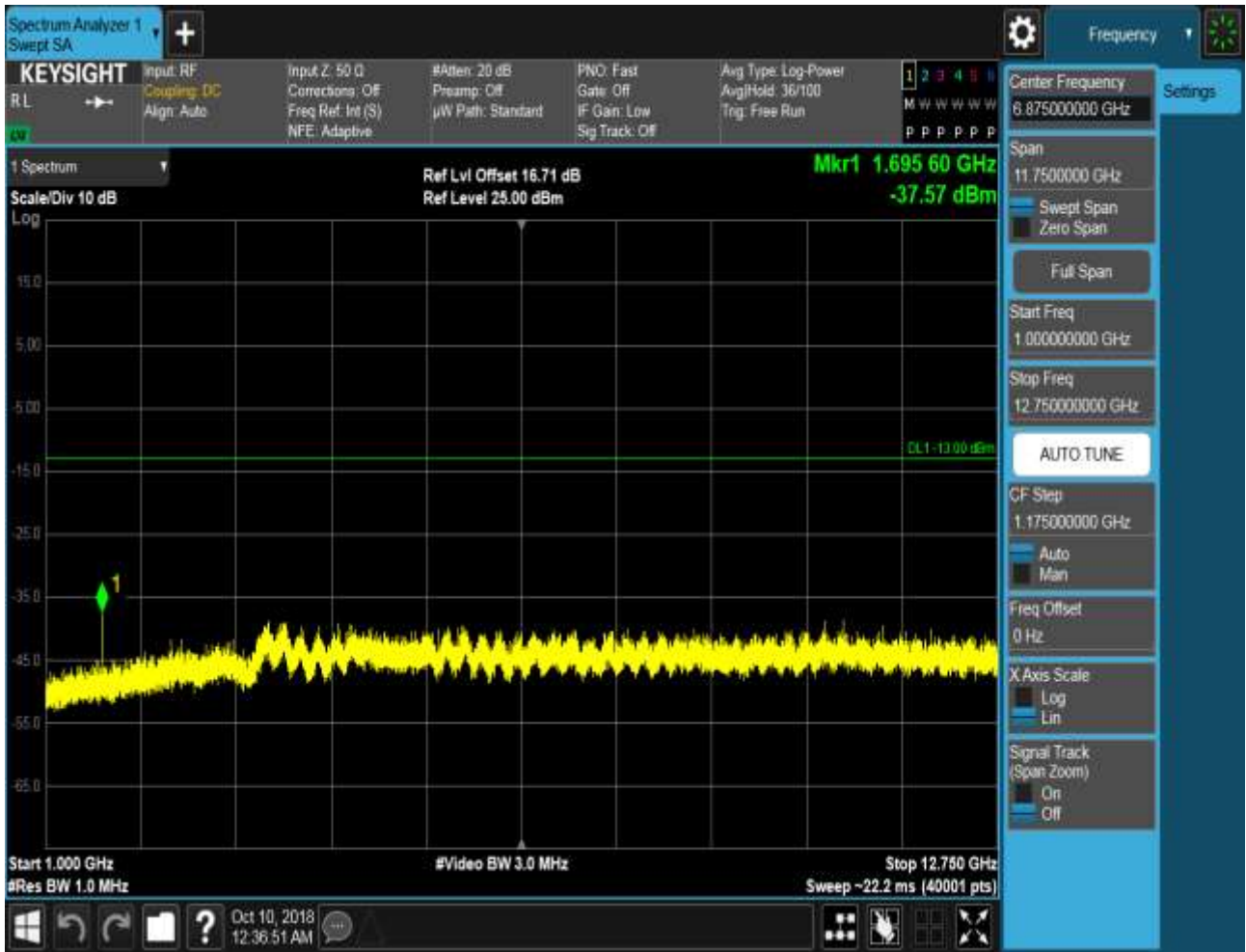
6.2.1.2.1.3 Test Channel = HCH

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







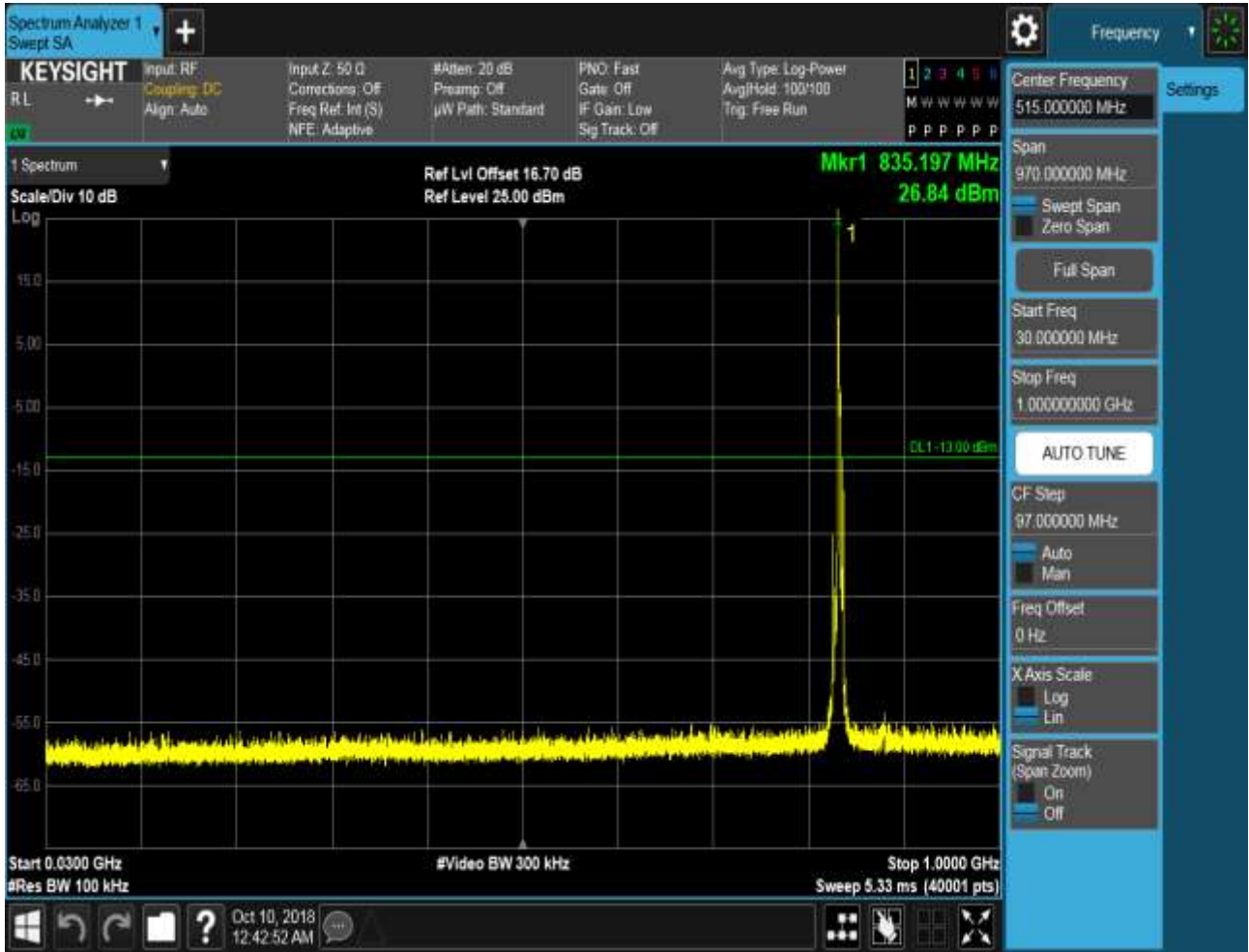


6.2.1.2.2 Test Channel = MCH

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 = 5

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0







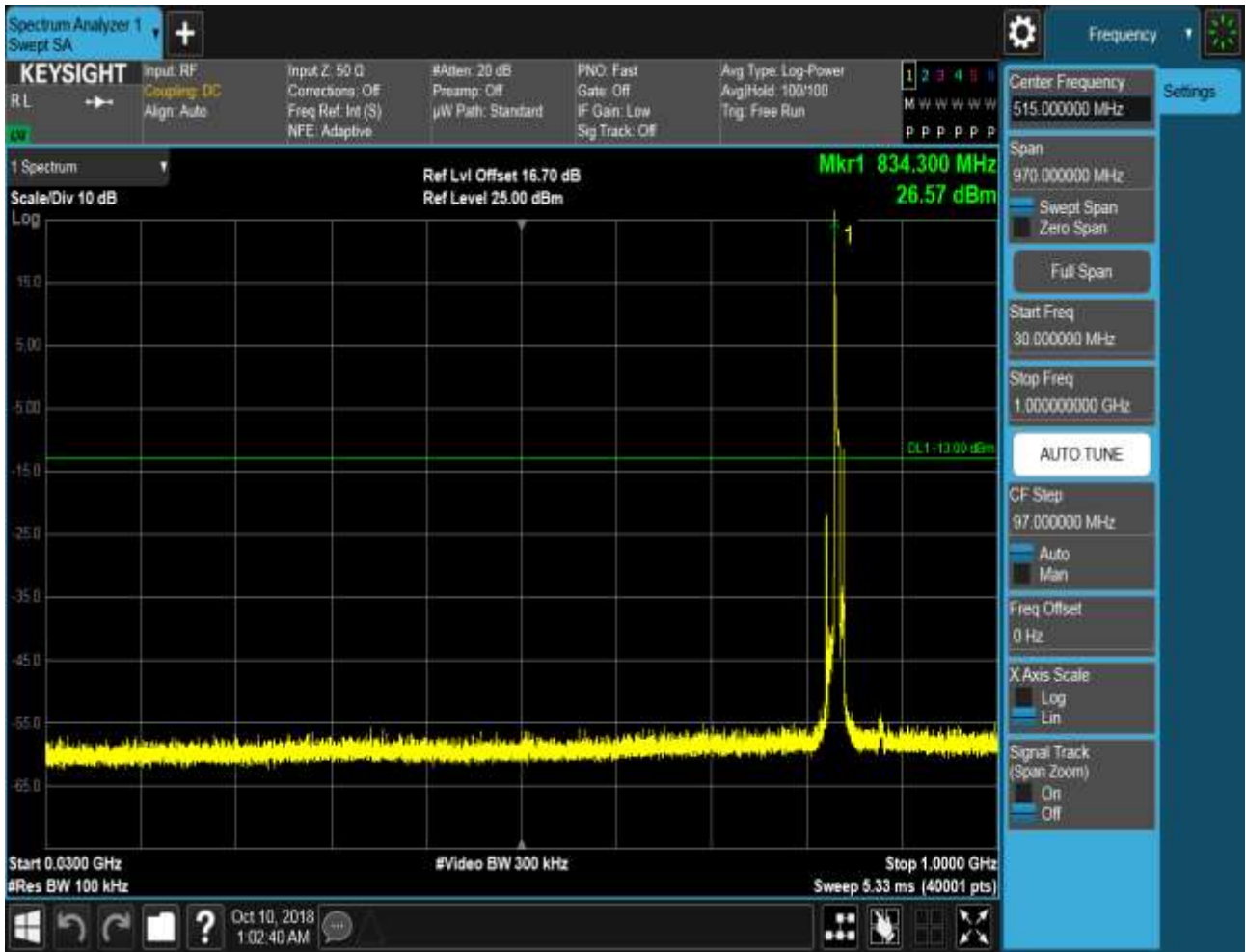


6.2.1.2.3.2 Test Channel = MCH

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









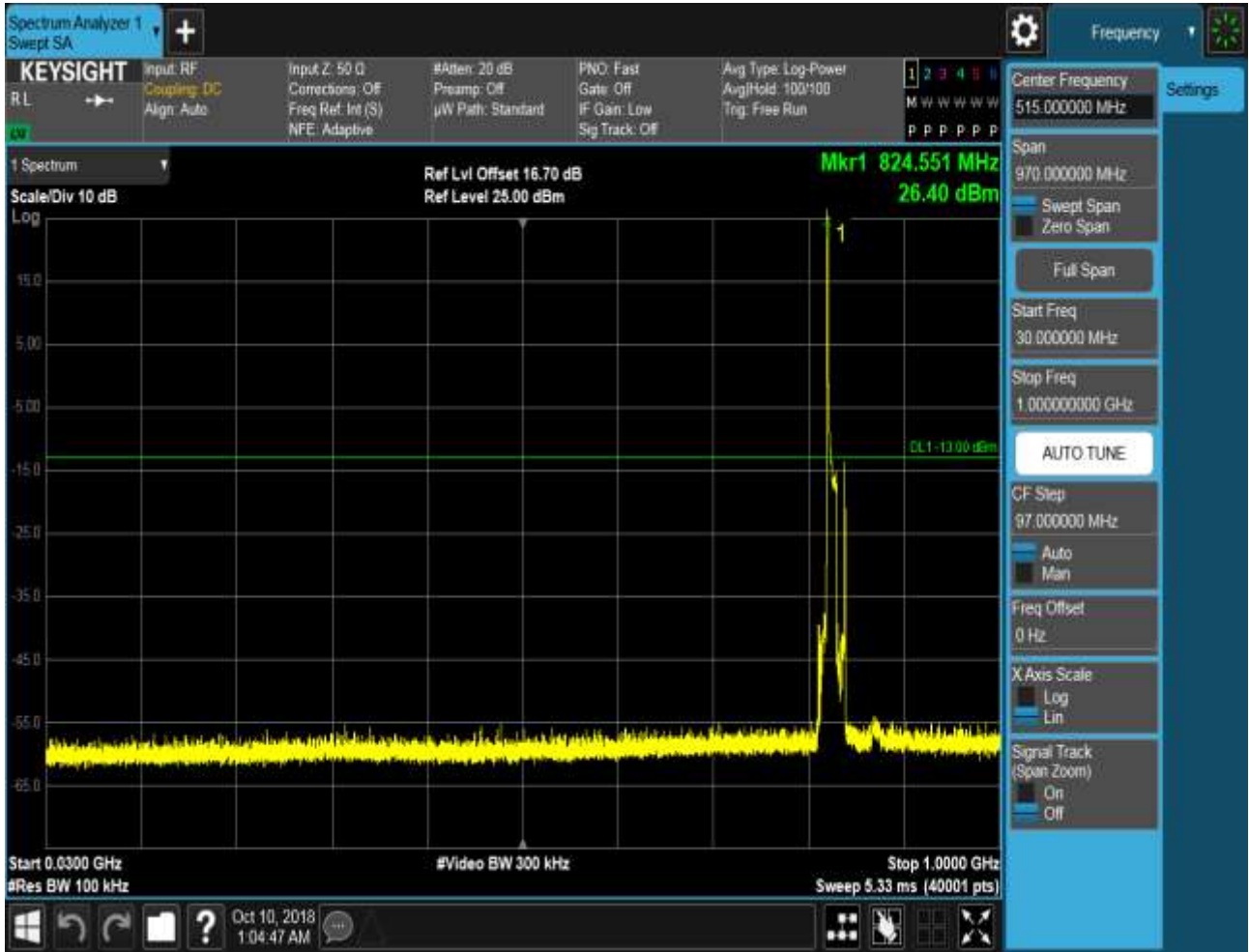
6.2.1.2.4 Test Bandwidth = 10

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0









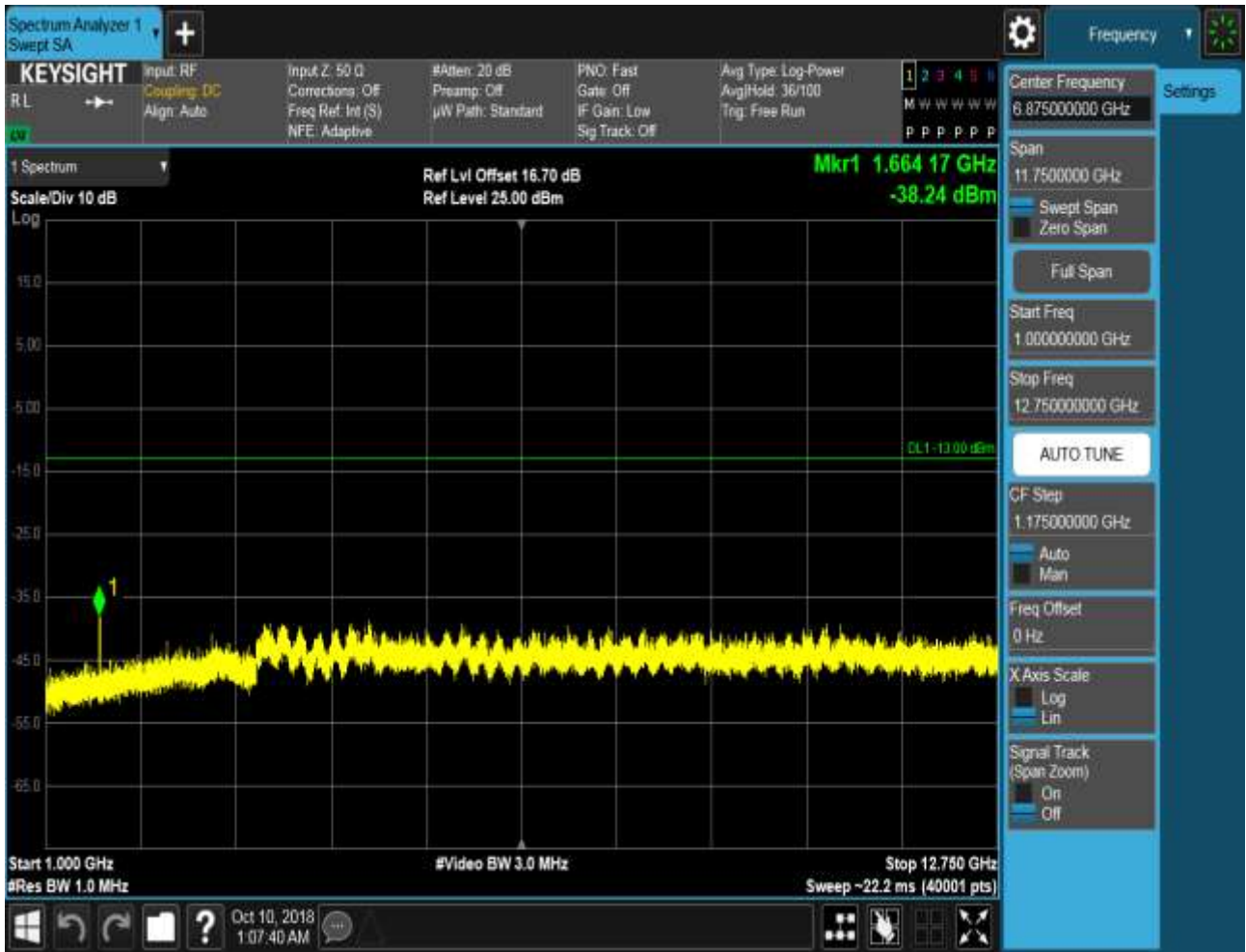
6.2.1.2.4.2 Test Channel = MCH

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: Frequency Stability

7.1 For LTE

7.1.1 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	-145.86930	-0.17688	PASS
					VN	-103.19710	-0.12513	PASS
					VH	-33.34522	-0.04043	PASS
			MCH	TN	VL	24.64771	0.02947	PASS
					VN	-3.66211	-0.00438	PASS
					VH	10.05650	0.01202	PASS
			HCH	TN	VL	5.93662	0.00700	PASS
					VN	5.80788	0.00685	PASS
					VH	4.43459	0.00523	PASS
		3	LCH	TN	VL	-6.86646	-0.00832	PASS
					VN	0.87261	0.00106	PASS
					VH	-9.72748	-0.01178	PASS
			MCH	TN	VL	-2.31743	-0.00277	PASS
					VN	0.20027	0.00024	PASS
					VH	-1.25885	-0.00150	PASS
			HCH	TN	VL	2.96116	0.00349	PASS
					VN	-0.64373	-0.00076	PASS
					VH	6.66618	0.00787	PASS
		5	LCH	TN	VL	-6.93798	-0.00839	PASS
					VN	-6.10828	-0.00739	PASS
					VH	-3.27587	-0.00396	PASS
			MCH	TN	VL	-9.65595	-0.01154	PASS
					VN	-4.01974	-0.00481	PASS
					VH	-4.79221	-0.00573	PASS
			HCH	TN	VL	-2.28882	-0.00270	PASS
					VN	0.72956	0.00086	PASS
					VH	-0.80109	-0.00095	PASS
10	LCH	TN	VL	-4.96387	-0.00599	PASS		
			VN	-5.43594	-0.00656	PASS		
			VH	-7.45296	-0.00899	PASS		
	MCH	TN	VL	-6.75201	-0.00807	PASS		
			VN	-11.61575	-0.01389	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	1.4	HCH	TN	VH	1.83106	0.00219	PASS
					VL	-0.82970	-0.00098	PASS
					VN	-1.10149	-0.00131	PASS
					VH	6.79493	0.00805	PASS
			LCH	TN	VL	-100.92260	-0.12237	PASS
					VN	-249.99620	-0.30314	PASS
					VH	-110.95050	-0.13453	PASS
					VH	7.95364	0.00951	PASS
			MCH	TN	VN	0.31471	0.00038	PASS
					VH	2.14577	0.00257	PASS
					VH	24.51897	0.02890	PASS
					VN	15.72132	0.01853	PASS
		HCH	TN	VH	12.13074	0.01430	PASS	
				VL	-89.29253	-0.10817	PASS	
				VN	-6.72340	-0.00814	PASS	
				VH	-1.58787	-0.00192	PASS	
		3	LCH	TN	VL	-0.10014	-0.00012	PASS
					VN	0.10014	0.00012	PASS
					VH	-2.33173	-0.00279	PASS
					VH	3.83377	0.00452	PASS
			MCH	TN	VN	3.54767	0.00419	PASS
					VH	-4.69208	-0.00554	PASS
					VH	-0.50068	-0.00061	PASS
					VN	-3.49045	-0.00422	PASS
			HCH	TN	VH	-4.94957	-0.00599	PASS
					VL	-1.01566	-0.00121	PASS
					VN	-5.26428	-0.00629	PASS
					VH	-10.77175	-0.01288	PASS
		5	LCH	TN	VL	-1.65939	-0.00196	PASS
					VN	-9.61304	-0.01136	PASS
					VH	-1.33038	-0.00157	PASS
			MCH	TN	VL	-3.36170	-0.00406	PASS
					VN	-0.14305	-0.00017	PASS
					VH	-3.21865	-0.00388	PASS
		10	LCH	TN	VL	-3.60489	-0.00431	PASS
					VN	-7.08103	-0.00847	PASS
					VH	2.03133	0.00243	PASS
			MCH	TN	VH	3.26157	0.00386	PASS
					VH	3.26157	0.00386	PASS
					VH	3.26157	0.00386	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-3.24726	-0.00385	PASS
					VH	-0.90122	-0.00107	PASS

7.1.2 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	-79.79393	-0.09676	PASS
					-20	-66.97655	-0.08121	PASS
					-10	-104.77070	-0.12704	PASS
					0	-11.14368	-0.01351	PASS
					10	-21.05713	-0.02553	PASS
					20	-103.19710	-0.12513	PASS
					30	-158.20030	-0.19183	PASS
					40	-140.09000	-0.16987	PASS
			50	1.10149	0.00134	PASS		
			MCH	VN	-30	2.60353	0.00311	PASS
					-20	-0.87261	-0.00104	PASS
					-10	-13.83305	-0.01654	PASS
					0	0.37193	0.00044	PASS
					10	6.88076	0.00823	PASS
		20			-3.66211	-0.00438	PASS	
		30			20.18452	0.02413	PASS	
		40			-8.42571	-0.01007	PASS	
		HCH	VN	-30	11.02924	0.01300	PASS	
				-20	11.57284	0.01364	PASS	
				-10	-1.73092	-0.00204	PASS	
				0	-2.28882	-0.00270	PASS	
				10	-4.53472	-0.00535	PASS	
				20	5.80788	0.00685	PASS	
				30	2.80380	0.00331	PASS	
				40	8.94070	0.01054	PASS	
		3	LCH	VN	-30	-3.83377	-0.00464	PASS
					-20	-8.86917	-0.01074	PASS
					-10	43.77365	0.05303	PASS
0	85.34431				0.10338	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	78.67813	0.09531	PASS
					20	0.87261	0.00106	PASS
					30	15.33508	0.01858	PASS
					40	-14.40525	-0.01745	PASS
					50	-0.95844	-0.00116	PASS
			MCH	VN	-30	1.08719	0.00130	PASS
					-20	-1.73092	-0.00207	PASS
					-10	2.26021	0.00270	PASS
					0	-0.64373	-0.00077	PASS
					10	-1.14441	-0.00137	PASS
					20	0.20027	0.00024	PASS
					30	-0.54359	-0.00065	PASS
					40	0.81539	0.00097	PASS
			HCH	VN	50	-3.41892	-0.00409	PASS
					-30	-4.73499	-0.00559	PASS
					-20	3.11851	0.00368	PASS
					-10	0.70095	0.00083	PASS
					0	-2.40326	-0.00284	PASS
					10	0.71526	0.00084	PASS
					20	-0.64373	-0.00076	PASS
					30	-7.88212	-0.00930	PASS
			LCH	VN	40	-2.84672	-0.00336	PASS
					50	-7.73907	-0.00913	PASS
					-30	0.71526	0.00084	PASS
					-20	-5.37872	-0.00651	PASS
					-10	0.81539	0.00097	PASS
					0	-2.36034	-0.00286	PASS
					10	-0.24319	-0.00029	PASS
					20	-6.10828	-0.00739	PASS
					30	-1.11580	-0.00135	PASS
			MCH	VN	40	7.95364	0.00962	PASS
					50	-6.62327	-0.00801	PASS
					-30	-0.54359	-0.00065	PASS
-20	-0.24319	-0.00029			PASS			
-10	0.94414	0.00113			PASS			
0	-6.03676	-0.00722			PASS			
10	1.81675	0.00217			PASS			
20	-4.01974	-0.00481	PASS					
30	-6.00815	-0.00718	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	13.60416	0.01626	PASS	
					50	-2.48909	-0.00298	PASS	
					-30	1.78814	0.00211	PASS	
					-20	-0.15736	-0.00019	PASS	
					-10	1.91688	0.00226	PASS	
					0	2.84672	0.00336	PASS	
					10	-2.13146	-0.00252	PASS	
					20	0.72956	0.00086	PASS	
					30	-5.57899	-0.00659	PASS	
					40	6.32286	0.00747	PASS	
					50	6.95229	0.00821	PASS	
					-30	2.64645	0.00319	PASS	
					-20	-11.67297	-0.01408	PASS	
					-10	-2.57492	-0.00311	PASS	
					0	2.37465	0.00286	PASS	
		10	6.03676	0.00728	PASS				
		20	-5.43594	-0.00656	PASS				
		30	-5.42164	-0.00654	PASS				
		40	-6.70910	-0.00809	PASS				
		50	-11.60145	-0.01399	PASS				
		-30	2.07424	0.00248	PASS				
		-20	19.35482	0.02314	PASS				
		-10	4.13418	0.00494	PASS				
		0	-2.13146	-0.00255	PASS				
		10	-19.46926	-0.02327	PASS				
		20	-11.61575	-0.01389	PASS				
		30	-0.51498	-0.00062	PASS				
		40	1.91688	0.00229	PASS				
		50	-3.67641	-0.00439	PASS				
		-30	1.53065	0.00181	PASS				
		-20	1.02997	0.00122	PASS				
		-10	-0.37193	-0.00044	PASS				
		0	-1.15871	-0.00137	PASS				
		10	1.81675	0.00215	PASS				
		20	-1.10149	-0.00131	PASS				
		30	-6.55174	-0.00776	PASS				
		40	0.58651	0.00069	PASS				
		50	-2.97546	-0.00353	PASS				
		LTE/TM2	1.4	LCH	VN	-30	-120.14870	-0.14569	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-167.98500	-0.20369	PASS	
					-10	-157.49930	-0.19098	PASS	
					0	-73.58551	-0.08923	PASS	
					10	10.27107	0.01245	PASS	
					20	-249.99620	-0.30314	PASS	
					30	-107.96070	-0.13091	PASS	
					40	-57.89280	-0.07020	PASS	
					50	-3.23296	-0.00392	PASS	
			MCH	VN	-30	-10.49995	-0.01255	PASS	
					-20	-4.44889	-0.00532	PASS	
					-10	1.91688	0.00229	PASS	
					0	-10.01358	-0.01197	PASS	
					10	0.77248	0.00092	PASS	
					20	0.31471	0.00038	PASS	
					30	-6.60896	-0.00790	PASS	
					40	-5.02109	-0.00600	PASS	
			HCH	VN	-30	-4.04835	-0.00477	PASS	
					-20	9.12666	0.01076	PASS	
					-10	12.41684	0.01464	PASS	
					0	6.43730	0.00759	PASS	
					10	7.61032	0.00897	PASS	
					20	15.72132	0.01853	PASS	
					30	6.26564	0.00739	PASS	
					40	-7.75337	-0.00914	PASS	
			3	LCH	VN	-30	-3.86238	-0.00468	PASS
						-20	-7.16686	-0.00868	PASS
						-10	-3.57628	-0.00433	PASS
						0	-3.20435	-0.00388	PASS
						10	8.23975	0.00998	PASS
						20	-6.72340	-0.00814	PASS
						30	-0.90122	-0.00109	PASS
						40	1.05858	0.00128	PASS
			MCH	VN	-30	3.69072	0.00441	PASS	
					-20	4.82082	0.00576	PASS	
					-10	-1.60217	-0.00192	PASS	
					0	1.94550	0.00233	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	1.53065	0.00183	PASS		
					20	0.10014	0.00012	PASS		
					30	5.73635	0.00686	PASS		
					40	-2.91824	-0.00349	PASS		
					50	1.05858	0.00127	PASS		
			HCH	VN	-30	-7.75337	-0.00915	PASS		
					-20	-8.61168	-0.01016	PASS		
					-10	-11.01494	-0.01300	PASS		
					0	0.72956	0.00086	PASS		
					10	3.94821	0.00466	PASS		
					20	3.54767	0.00419	PASS		
					30	-2.03133	-0.00240	PASS		
					40	-4.33445	-0.00511	PASS		
					50	-0.30041	-0.00035	PASS		
					LCH	VN	-30	-2.91824	-0.00349	PASS
							-20	-9.74178	-0.01179	PASS
							-10	-1.48773	-0.00176	PASS
							0	-8.59737	-0.01040	PASS
							10	0.37193	0.00044	PASS
							20	-3.49045	-0.00422	PASS
		30	1.98841	0.00241			PASS			
		40	-11.48701	-0.01390			PASS			
		50	-3.94821	-0.00478			PASS			
		MCH	VN	-30			5.33581	0.00638	PASS	
				-20	1.05858	0.00127	PASS			
				-10	-3.13282	-0.00375	PASS			
				0	-1.78814	-0.00214	PASS			
				10	7.91073	0.00946	PASS			
				20	-5.26428	-0.00629	PASS			
				30	0.37193	0.00044	PASS			
				40	-2.70367	-0.00323	PASS			
				50	1.33038	0.00159	PASS			
		HCH	VN	-30	-1.48773	-0.00176	PASS			
				-20	-0.61512	-0.00073	PASS			
				-10	4.79221	0.00566	PASS			
				0	2.53200	0.00299	PASS			
				10	-2.93255	-0.00346	PASS			
				20	-9.61304	-0.01136	PASS			
				30	-4.86374	-0.00575	PASS			
		5					-30	-2.91824	-0.00349	PASS
-20	-9.74178						-0.01179	PASS		
-10	-1.48773						-0.00176	PASS		
0	-8.59737						-0.01040	PASS		
10	0.37193						0.00044	PASS		
20	-3.49045						-0.00422	PASS		
30	1.98841						0.00241	PASS		
40	-11.48701						-0.01390	PASS		
50	-3.94821						-0.00478	PASS		
-30	5.33581						0.00638	PASS		
-20	1.05858	0.00127	PASS							
-10	-3.13282	-0.00375	PASS							
0	-1.78814	-0.00214	PASS							
10	7.91073	0.00946	PASS							
20	-5.26428	-0.00629	PASS							
30	0.37193	0.00044	PASS							
40	-2.70367	-0.00323	PASS							
50	1.33038	0.00159	PASS							
-30	-1.48773	-0.00176	PASS							
-20	-0.61512	-0.00073	PASS							
-10	4.79221	0.00566	PASS							
0	2.53200	0.00299	PASS							
10	-2.93255	-0.00346	PASS							
20	-9.61304	-0.01136	PASS							
30	-4.86374	-0.00575	PASS							



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-1.37329	-0.00162	PASS
					50	12.37392	0.01462	PASS
		10	LCH	VN	-30	1.23024	0.00148	PASS
					-20	-6.62327	-0.00799	PASS
					-10	6.82354	0.00823	PASS
					0	-12.05921	-0.01455	PASS
					10	-5.67913	-0.00685	PASS
					20	-0.14305	-0.00017	PASS
					30	-7.33852	-0.00885	PASS
					40	-11.94477	-0.01441	PASS
					50	-11.74450	-0.01417	PASS
					MCH	VN	-30	-5.55039
			-20	15.56396			0.01861	PASS
			-10	-4.46320			-0.00534	PASS
			0	-11.95908			-0.01430	PASS
			10	-4.49181			-0.00537	PASS
			20	-7.08103			-0.00847	PASS
			30	5.86510			0.00701	PASS
			40	3.20435			0.00383	PASS
			50	-2.84672	-0.00340	PASS		
			HCH	VN	-30	-0.14305	-0.00017	PASS
					-20	-6.17981	-0.00732	PASS
					-10	-4.89235	-0.00580	PASS
					0	-3.36170	-0.00398	PASS
					10	-1.08719	-0.00129	PASS
					20	-3.24726	-0.00385	PASS
		30			-0.84400	-0.00100	PASS	
		40			-2.83241	-0.00336	PASS	
		50	-1.13010	-0.00134	PASS			

END