6.2.1.1.1.3 Test Channel = HCH
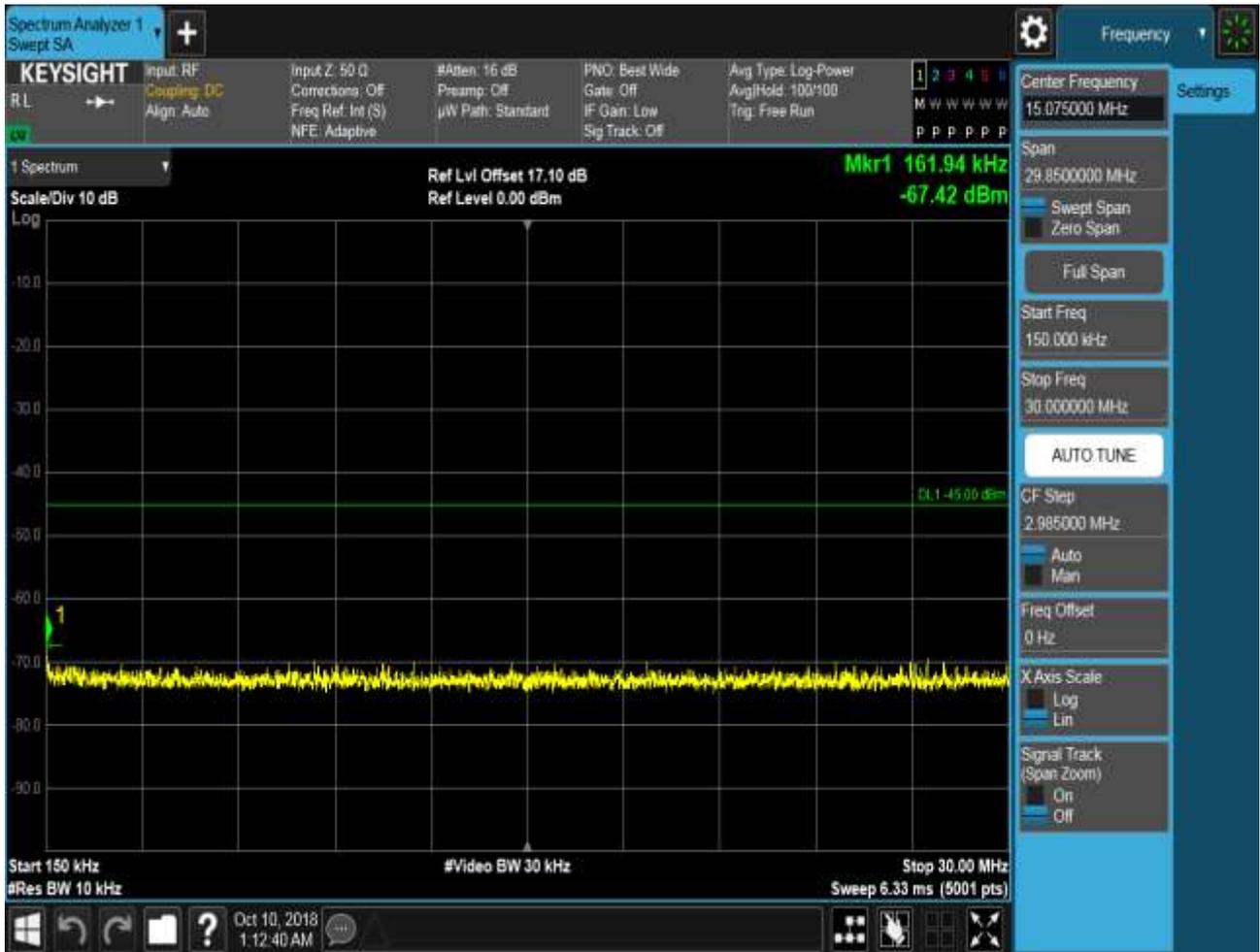
6.2.1.1.1.3.1 Test RB = RB1#0

6.2.1.1.2 Test Bandwidth = 10

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 = 15

6.2.1.1.3.1 Test Channel = LCH
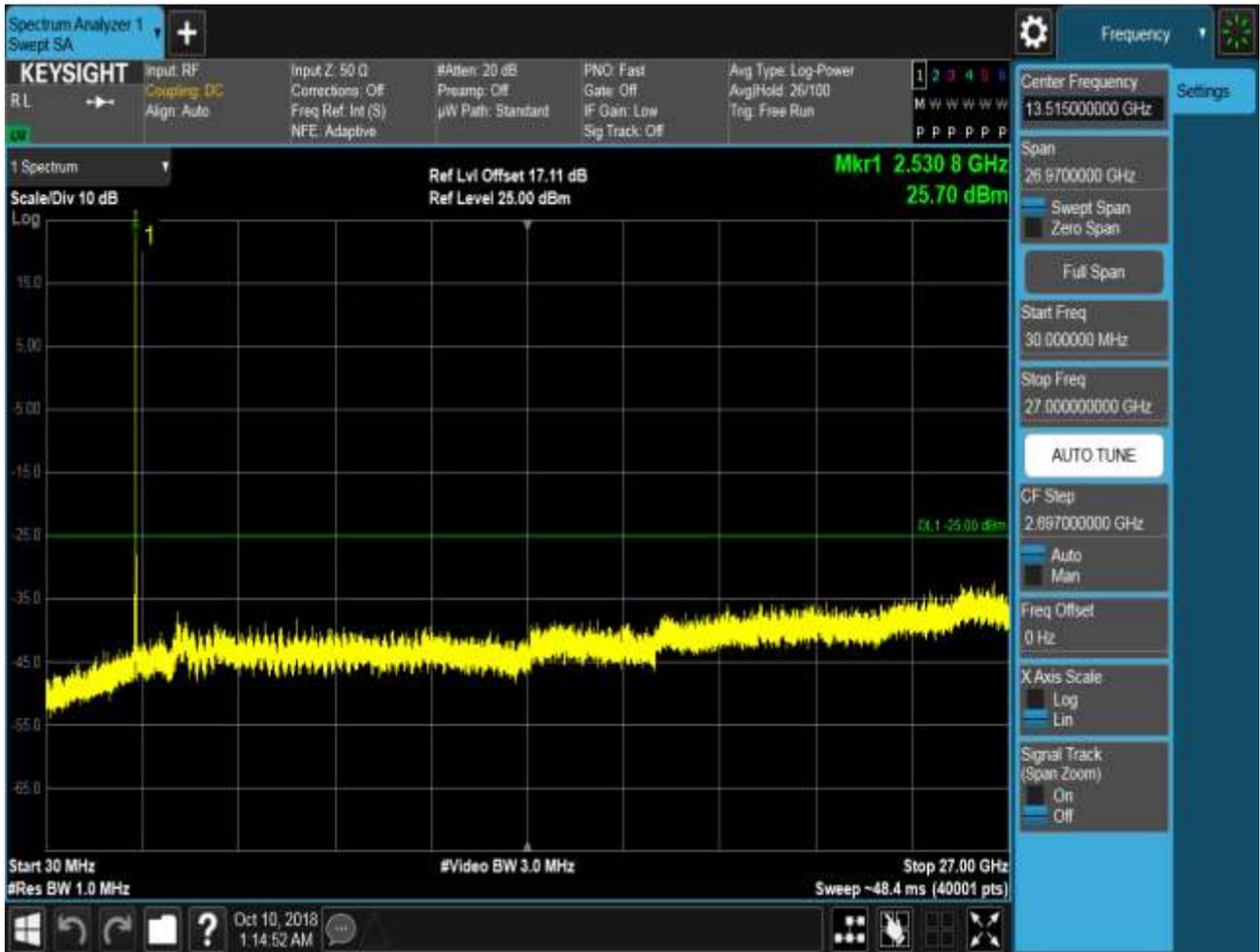
6.2.1.1.3.1.1 Test RB = RB1#0

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 = 20

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 = 5

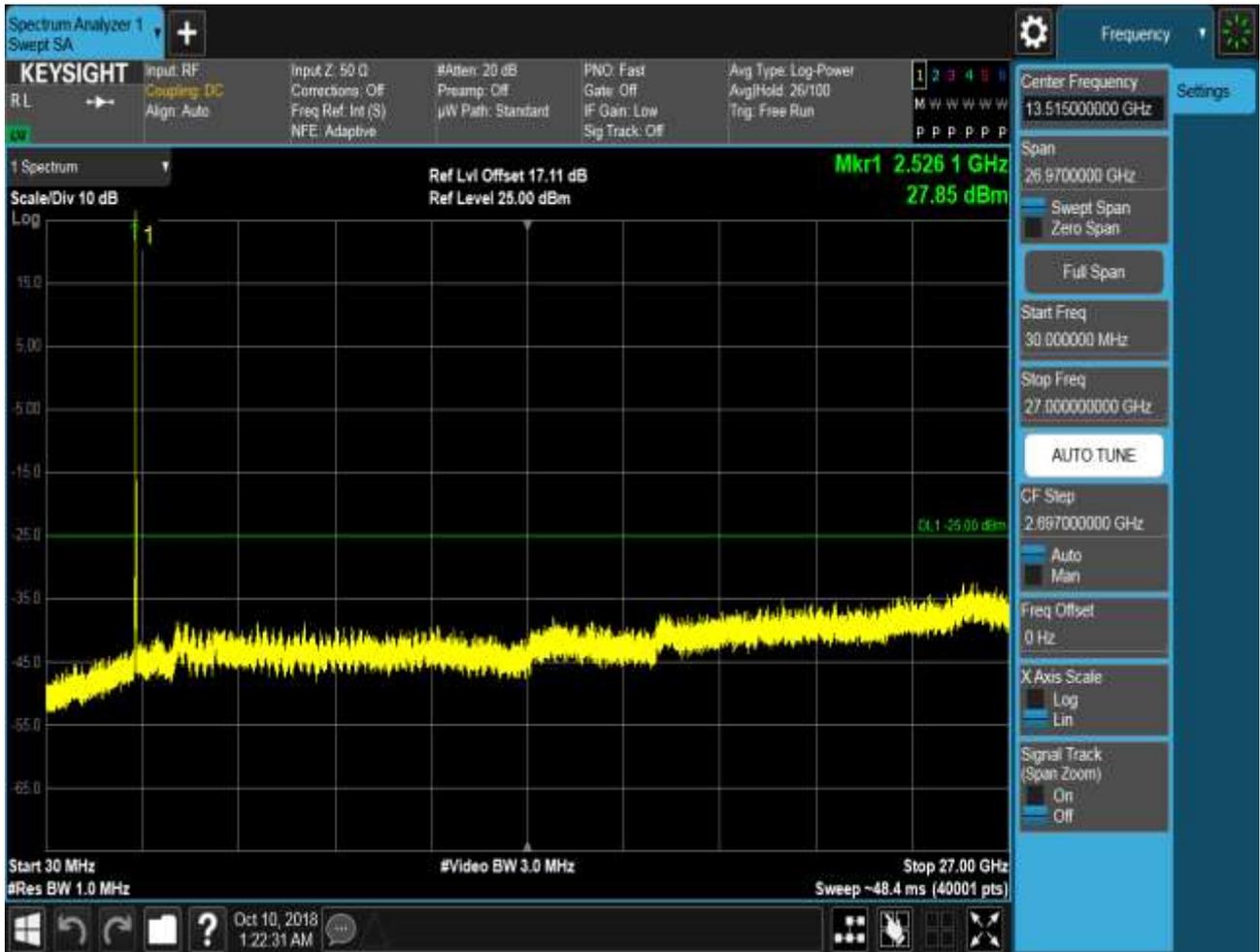**6.2.1.2.1.1 Test Channel = LCH**

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 = 10

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 = 15

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0
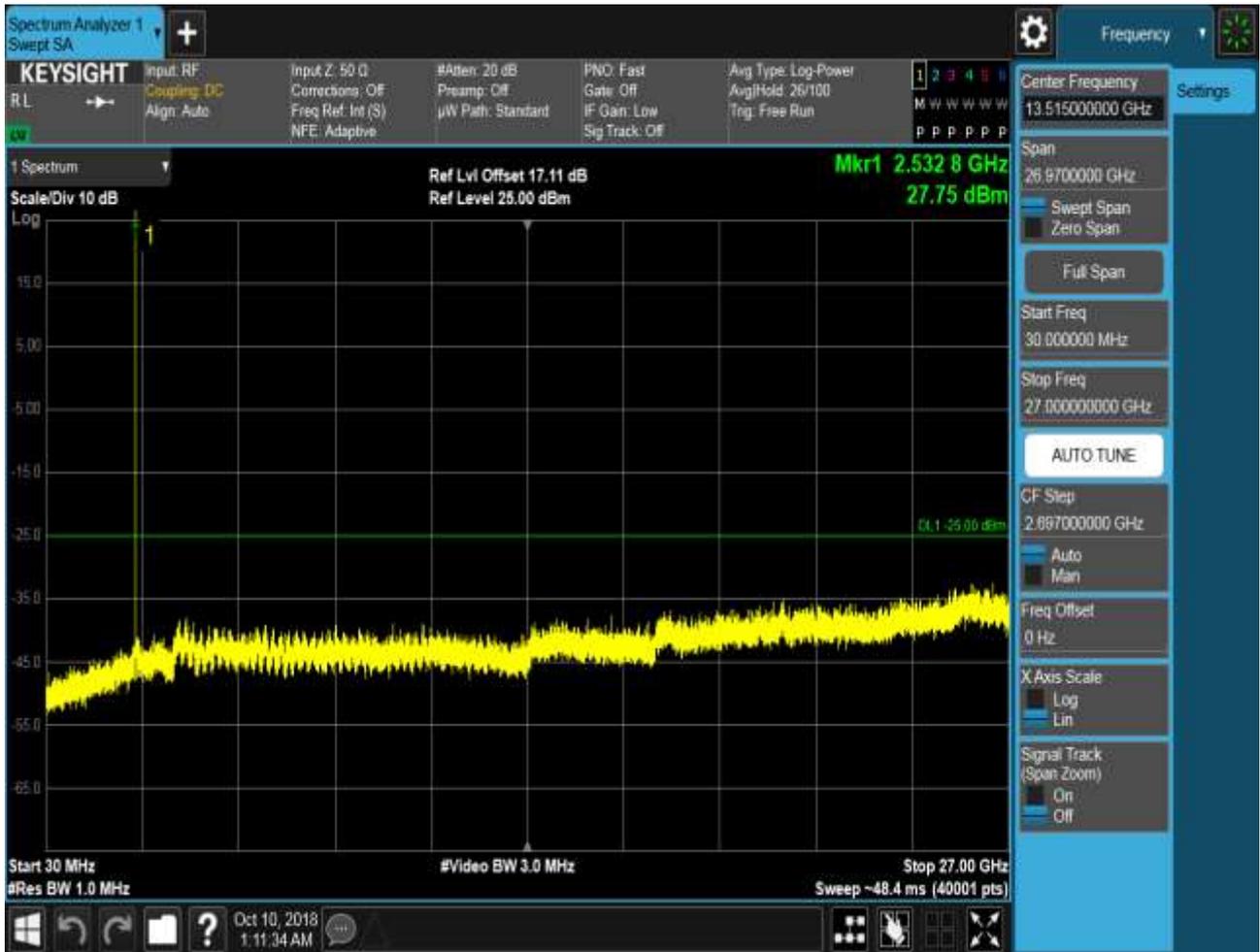
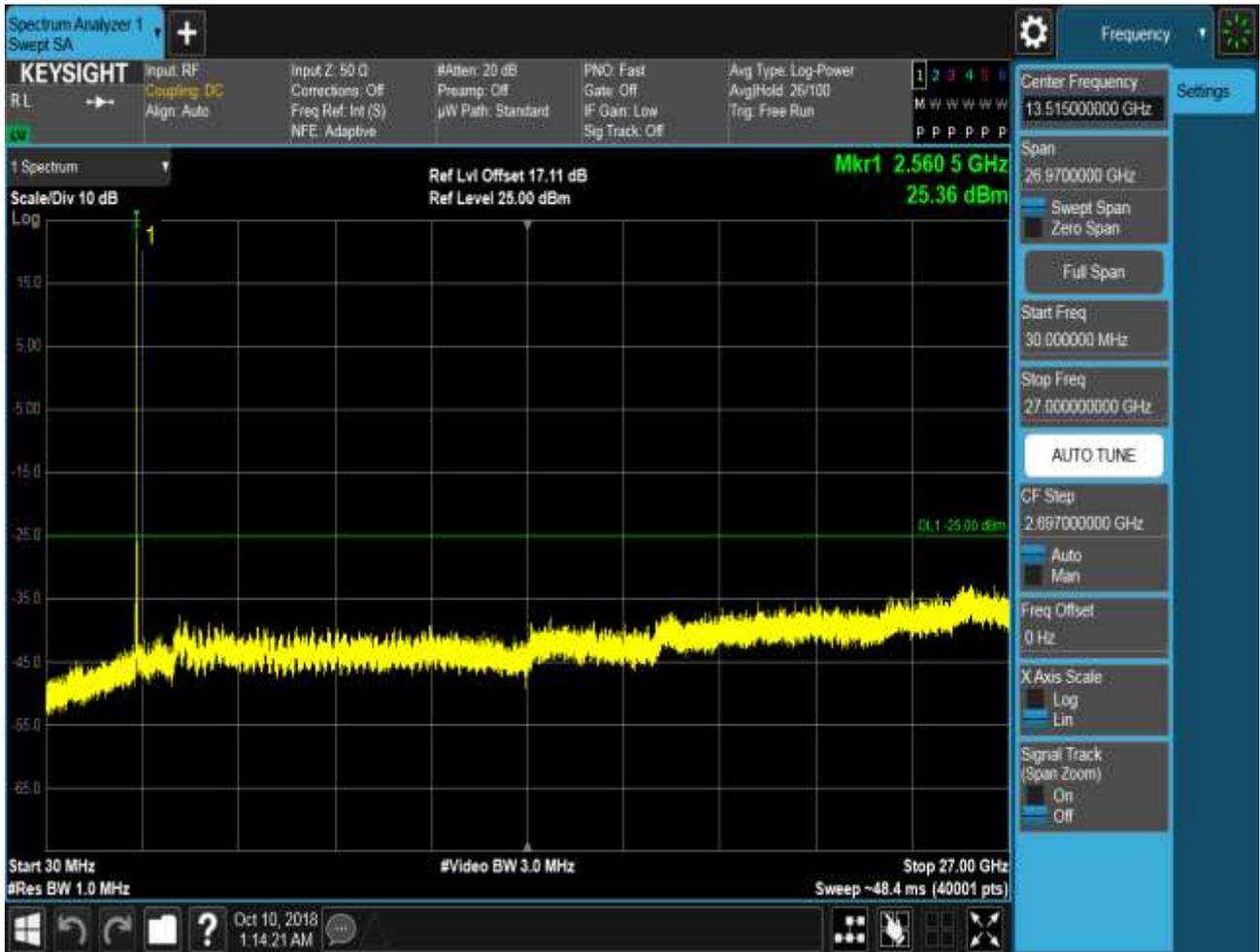**6.2.1.2.3.2 Test Channel = MCH**

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 = 20

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

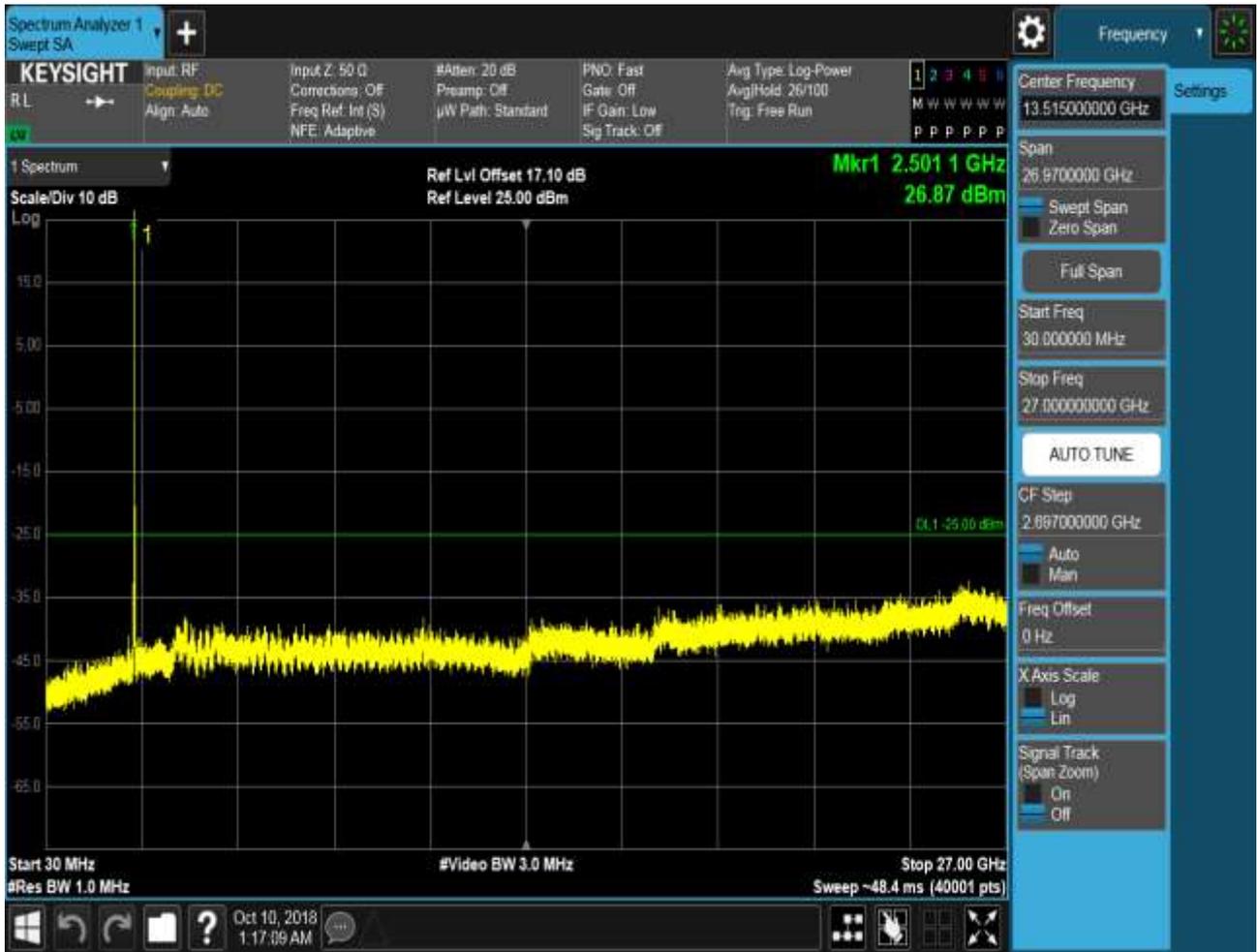### 6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0

7Appendix_G: Frequency Stability

7.1 For LTE

7.1.1Frequency 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	-80.86681	-0.03231	PASS
					VN	-49.93916	-0.01996	PASS
					VH	-12.33101	-0.00493	PASS
			MCH	TN	VL	-48.65170	-0.01919	PASS
					VN	-13.54694	-0.00534	PASS
					VH	-6.49452	-0.00256	PASS
			HCH	TN	VL	-43.80226	-0.01706	PASS
					VN	-26.03531	-0.01014	PASS
					VH	-48.05088	-0.01872	PASS
		10	LCH	TN	VL	-6.17981	-0.00241	PASS
					VN	-23.00262	-0.00918	PASS
					VH	-28.36704	-0.01106	PASS
			MCH	TN	VL	-30.34115	-0.01197	PASS
					VN	-28.12386	-0.01109	PASS
					VH	-17.79556	-0.00702	PASS
			HCH	TN	VL	-38.23757	-0.01491	PASS
					VN	-11.12938	-0.00434	PASS
					VH	-28.36704	-0.01106	PASS
		15	LCH	TN	VL	-13.77583	-0.00549	PASS
					VN	-24.74785	-0.00987	PASS
					VH	-25.00534	-0.00997	PASS
			MCH	TN	VL	-3.86238	-0.00152	PASS
					VN	-6.62327	-0.00261	PASS
					VH	-3.80516	-0.00150	PASS
			HCH	TN	VL	-6.17981	-0.00241	PASS
					VN	-22.50195	-0.00878	PASS
					VH	-16.49380	-0.00644	PASS
		20	LCH	TN	VL	-13.27515	-0.00529	PASS
					VN	-27.09389	-0.01079	PASS
					VH	-23.40317	-0.00932	PASS
			MCH	TN	VL	-3.10421	-0.00122	PASS
					VN	-6.70910	-0.00265	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	-2.34604	-0.00093	PASS
					VL	-5.85079	-0.00229	PASS
			HCH	TN	VN	-14.49108	-0.00566	PASS
					VH	-7.96795	-0.00311	PASS
					VL	-17.18044	-0.00687	PASS
			LCH	TN	VN	-28.08094	-0.01122	PASS
					VH	-27.37999	-0.01094	PASS
					VL	-6.07967	-0.00240	PASS
		5	MCH	TN	VN	-10.70023	-0.00422	PASS
					VH	-6.40869	-0.00253	PASS
					VL	-44.01684	-0.01714	PASS
			HCH	TN	VN	-53.22933	-0.02073	PASS
					VH	-14.13345	-0.00550	PASS
					VL	-6.62327	-0.00261	PASS
			LCH	TN	VN	-16.56532	-0.00661	PASS
					VH	-1.63078	-0.00064	PASS
					VL	-2.70367	-0.00107	PASS
		10	MCH	TN	VN	-28.75328	-0.01134	PASS
					VH	-7.23839	-0.00286	PASS
					VL	-35.54821	-0.01386	PASS
			HCH	TN	VN	-10.98633	-0.00428	PASS
LTE/TM2					VH	-16.16478	-0.00630	PASS
					VL	-8.71181	-0.00347	PASS
			LCH	TN	VN	-15.44952	-0.00616	PASS
					VH	-6.70910	-0.00268	PASS
					VL	0.58651	0.00023	PASS
		15	MCH	TN	VN	-5.73635	-0.00226	PASS
					VH	-0.75817	-0.00030	PASS
					VL	-1.00136	-0.00039	PASS
			HCH	TN	VN	-10.92911	-0.00427	PASS
					VH	-4.24862	-0.00166	PASS
					VL	-3.34740	-0.00133	PASS
			LCH	TN	VN	-18.13889	-0.00723	PASS
					VH	-9.28402	-0.00370	PASS
		20			VL	-1.63078	-0.00064	PASS
			MCH	TN	VN	-5.96523	-0.00235	PASS
					VH	-2.16007	-0.00085	PASS
			HCH	TN	VL	-0.95844	-0.00037	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-10.49995	-0.00410	PASS
					VH	-4.84943	-0.00189	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
Band7	LTE/TM1	5	LCH	VN	-30	-11.55853	-0.00462	PASS
					-20	-7.85351	-0.00314	PASS
					-10	-18.39638	-0.00735	PASS
					0	-5.63621	-0.00225	PASS
					10	-12.44545	-0.00497	PASS
					20	-49.93916	-0.01996	PASS
					30	-12.41684	-0.00496	PASS
					40	-10.12802	-0.00405	PASS
					50	-16.67976	-0.00667	PASS
			MCH	VN	-30	-46.56315	-0.01837	PASS
					-20	-13.66138	-0.00539	PASS
					-10	-14.57691	-0.00575	PASS
					0	-11.81602	-0.00466	PASS
					10	-48.32268	-0.01906	PASS
					20	-13.54694	-0.00534	PASS
					30	-61.65504	-0.02432	PASS
					40	-14.10484	-0.00556	PASS
					50	-18.92567	-0.00747	PASS
			HCH	VN	-30	-28.15247	-0.01096	PASS
					-20	-61.21159	-0.02384	PASS
					-10	-25.60616	-0.00997	PASS
					0	-20.49923	-0.00798	PASS
					10	-33.10204	-0.01289	PASS
					20	-26.03531	-0.01014	PASS
					30	-25.46310	-0.00992	PASS
					40	-72.49832	-0.02824	PASS
					50	-29.31118	-0.01142	PASS
		10	LCH	VN	-30	-24.20425	-0.00966	PASS
					-20	-22.84527	-0.00912	PASS
					-10	-25.23422	-0.01007	PASS
					0	-22.94540	-0.00916	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-28.83911	-0.01151	PASS
					20	-23.00262	-0.00918	PASS
					30	-11.12938	-0.00434	PASS
					40	-24.37592	-0.00950	PASS
					50	-25.66338	-0.01024	PASS
			MCH	VN	-30	-9.18388	-0.00362	PASS
					-20	-30.72739	-0.01212	PASS
					-10	-7.39574	-0.00292	PASS
					0	-8.62598	-0.00340	PASS
					10	-7.56741	-0.00299	PASS
					20	-28.12386	-0.01109	PASS
					30	-12.05921	-0.00476	PASS
					40	-14.13345	-0.00558	PASS
					50	-8.98361	-0.00354	PASS
			HCH	VN	-30	-40.76958	-0.01589	PASS
					-20	-31.02779	-0.01210	PASS
					-10	-14.06193	-0.00548	PASS
					0	-12.04491	-0.00470	PASS
					10	-16.73698	-0.00653	PASS
					20	-11.12938	-0.00434	PASS
					30	-42.20009	-0.01645	PASS
					40	-24.37592	-0.00950	PASS
					50	-14.96315	-0.00583	PASS
			LCH	VN	-30	-26.17836	-0.01044	PASS
					-20	-23.93246	-0.00954	PASS
					-10	-27.39429	-0.01092	PASS
					0	-24.66202	-0.00984	PASS
					10	-27.23694	-0.01086	PASS
					20	-24.74785	-0.00987	PASS
					30	-24.60480	-0.00981	PASS
					40	-31.52847	-0.01257	PASS
		15			50	-25.30575	-0.01009	PASS
			MCH	VN	-30	-8.49724	-0.00335	PASS
					-20	-6.92368	-0.00273	PASS
					-10	-8.02517	-0.00317	PASS
					0	-4.36306	-0.00172	PASS
					10	-17.35210	-0.00685	PASS
					20	-6.62327	-0.00261	PASS
					30	-8.38280	-0.00331	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-8.08239	-0.00319	PASS
					50	-7.20978	-0.00284	PASS
			HCH	VN	-30	-13.10349	-0.00511	PASS
					-20	-14.03332	-0.00548	PASS
					-10	-14.97746	-0.00584	PASS
					0	-12.45975	-0.00486	PASS
					10	-14.99176	-0.00585	PASS
					20	-22.50195	-0.00878	PASS
					30	-14.13345	-0.00552	PASS
					40	-14.01901	-0.00547	PASS
					50	-23.71788	-0.00926	PASS
			LCH	VN	-30	-25.89226	-0.01032	PASS
					-20	-26.00670	-0.01036	PASS
					-10	-26.37863	-0.01051	PASS
					0	-24.37592	-0.00971	PASS
					10	-26.20697	-0.01044	PASS
					20	-27.09389	-0.01079	PASS
					30	-26.47877	-0.01055	PASS
					40	-24.34731	-0.00970	PASS
					50	-24.73354	-0.00985	PASS
			MCH	VN	-30	-7.06673	-0.00279	PASS
					-20	-7.53880	-0.00297	PASS
					-10	-8.54015	-0.00337	PASS
					0	-7.12395	-0.00281	PASS
		20			10	-8.03947	-0.00317	PASS
					20	-6.70910	-0.00265	PASS
					30	-6.53744	-0.00258	PASS
					40	-7.75337	-0.00306	PASS
					50	-6.90937	-0.00273	PASS
			HCH	VN	-30	-13.24654	-0.00517	PASS
					-20	-11.27243	-0.00440	PASS
					-10	-14.21928	-0.00555	PASS
					0	-12.51698	-0.00489	PASS
					10	-13.36098	-0.00522	PASS
					20	-14.49108	-0.00566	PASS
					30	-12.96043	-0.00506	PASS
					40	-14.49108	-0.00566	PASS
					50	-13.40389	-0.00524	PASS
	LTE/TM2	5	LCH	VN	-30	-35.37655	-0.01414	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-32.01485	-0.01279	PASS
					-10	-32.22942	-0.01288	PASS
					0	-28.69606	-0.01147	PASS
					10	-41.97121	-0.01677	PASS
					20	-28.08094	-0.01122	PASS
					30	-34.63268	-0.01384	PASS
					40	-30.57003	-0.01222	PASS
					50	-40.79819	-0.01630	PASS
			MCH	VN	-30	-56.43368	-0.02226	PASS
					-20	-13.97610	-0.00551	PASS
					-10	-34.70421	-0.01369	PASS
					0	-11.17229	-0.00441	PASS
					10	-16.43658	-0.00648	PASS
					20	-10.70023	-0.00422	PASS
					30	-55.74703	-0.02199	PASS
					40	-12.25948	-0.00484	PASS
					50	-47.83630	-0.01887	PASS
			HCH	VN	-30	-23.27442	-0.00907	PASS
					-20	-24.20425	-0.00943	PASS
					-10	-24.06120	-0.00937	PASS
					0	-17.60960	-0.00686	PASS
					10	-26.26419	-0.01023	PASS
					20	-53.22933	-0.02073	PASS
					30	-21.51489	-0.00838	PASS
					40	-20.65659	-0.00805	PASS
					50	-25.80643	-0.01005	PASS
			LCH	VN	-30	-17.82417	-0.00712	PASS
					-20	-18.33916	-0.00732	PASS
					-10	-21.25740	-0.00849	PASS
					0	-17.80987	-0.00711	PASS
					10	-20.54214	-0.00820	PASS
					20	-16.56532	-0.00661	PASS
		10			30	-15.40661	-0.00614	PASS
					40	-22.40181	-0.00893	PASS
					50	-20.69950	-0.00826	PASS
			MCH	VN	-30	-20.04147	-0.00791	PASS
					-20	-6.56605	-0.00259	PASS
					-10	-20.79964	-0.00820	PASS
					0	-7.52449	-0.00297	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-9.94205	-0.00392	PASS
					20	-28.75328	-0.01134	PASS
					30	-14.37664	-0.00567	PASS
					40	-13.64708	-0.00538	PASS
					50	-7.10964	-0.00280	PASS
			HCH	VN	-30	-12.66003	-0.00494	PASS
					-20	-11.00063	-0.00429	PASS
					-10	-13.91888	-0.00543	PASS
					0	-10.71453	-0.00418	PASS
					10	-15.72132	-0.00613	PASS
					20	-10.98633	-0.00428	PASS
					30	-38.92422	-0.01518	PASS
					40	-18.83984	-0.00734	PASS
					50	-35.87723	-0.01399	PASS
			LCH	VN	-30	-16.72268	-0.00667	PASS
					-20	-14.20498	-0.00566	PASS
					-10	-17.15183	-0.00684	PASS
					0	-14.20498	-0.00566	PASS
					10	-18.65387	-0.00744	PASS
					20	-15.44952	-0.00616	PASS
					30	-15.40661	-0.00614	PASS
					40	-22.40181	-0.00893	PASS
					50	-16.40797	-0.00654	PASS
		15	MCH	VN	-30	-7.16686	-0.00283	PASS
					-20	-4.52042	-4.52042	PASS
					-10	-13.76152	-0.00543	PASS
					0	-6.07967	-0.00240	PASS
					10	-5.23567	-0.00207	PASS
					20	-5.73635	-0.00226	PASS
					30	-13.96179	-0.00551	PASS
					40	-15.59258	-0.00615	PASS
					50	-6.78062	-0.00267	PASS
			HCH	VN	-30	-25.20561	-0.00984	PASS
					-20	-9.19819	-0.00359	PASS
					-10	-11.73019	-0.00458	PASS
					0	-8.92639	-0.00348	PASS
					10	-11.64436	-0.00454	PASS
					20	-10.92911	-0.00427	PASS
					30	-11.10077	-0.00433	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-11.45840	-0.00447	PASS
					50	-11.60145	-0.00453	PASS
			LCH	VN	-30	-16.39366	-0.00653	PASS
					-20	-16.63685	-0.00663	PASS
					-10	-17.92431	-0.00714	PASS
					0	-16.27922	-0.00649	PASS
					10	-17.53807	-0.00699	PASS
					20	-18.13889	-0.00723	PASS
					30	-16.66546	-0.00664	PASS
					40	-15.74993	-0.00627	PASS
					50	-17.66682	-0.00704	PASS
			MCH	VN	-30	-6.76632	-0.00267	PASS
					-20	-6.46591	-0.00255	PASS
					-10	-6.92368	-0.00273	PASS
					0	-5.16415	-0.00204	PASS
		20			10	-6.40869	-0.00253	PASS
					20	-5.96523	-0.00235	PASS
					30	-4.49181	-0.00177	PASS
					40	-5.32150	-0.00210	PASS
					50	-5.97954	-0.00236	PASS
			HCH	VN	-30	-11.01494	-0.00430	PASS
					-20	-8.52585	-0.00333	PASS
					-10	-10.31399	-0.00403	PASS
					0	-9.65595	-0.00377	PASS
					10	-10.42843	-0.00407	PASS
					20	-10.49995	-0.00410	PASS
					30	-12.31670	-0.00481	PASS
					40	-10.27107	-0.00401	PASS
					50	-9.79900	-0.00383	PASS

END