

6Appendix_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

6.1 For LTE

6.1.1 Test Band = BAND4

6.1.1.1 Test Mode = LTE/TM1

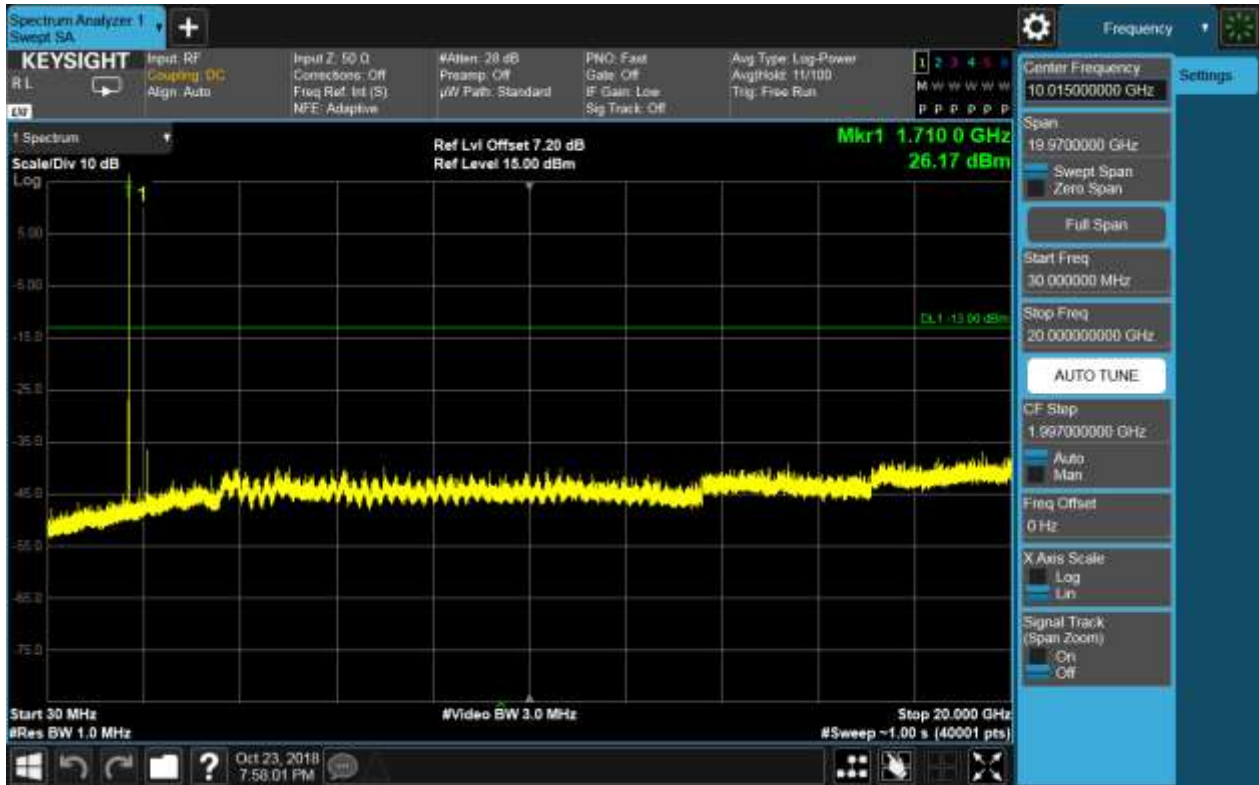
6.1.1.1.1 Test Bandwidth = 1.4

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0







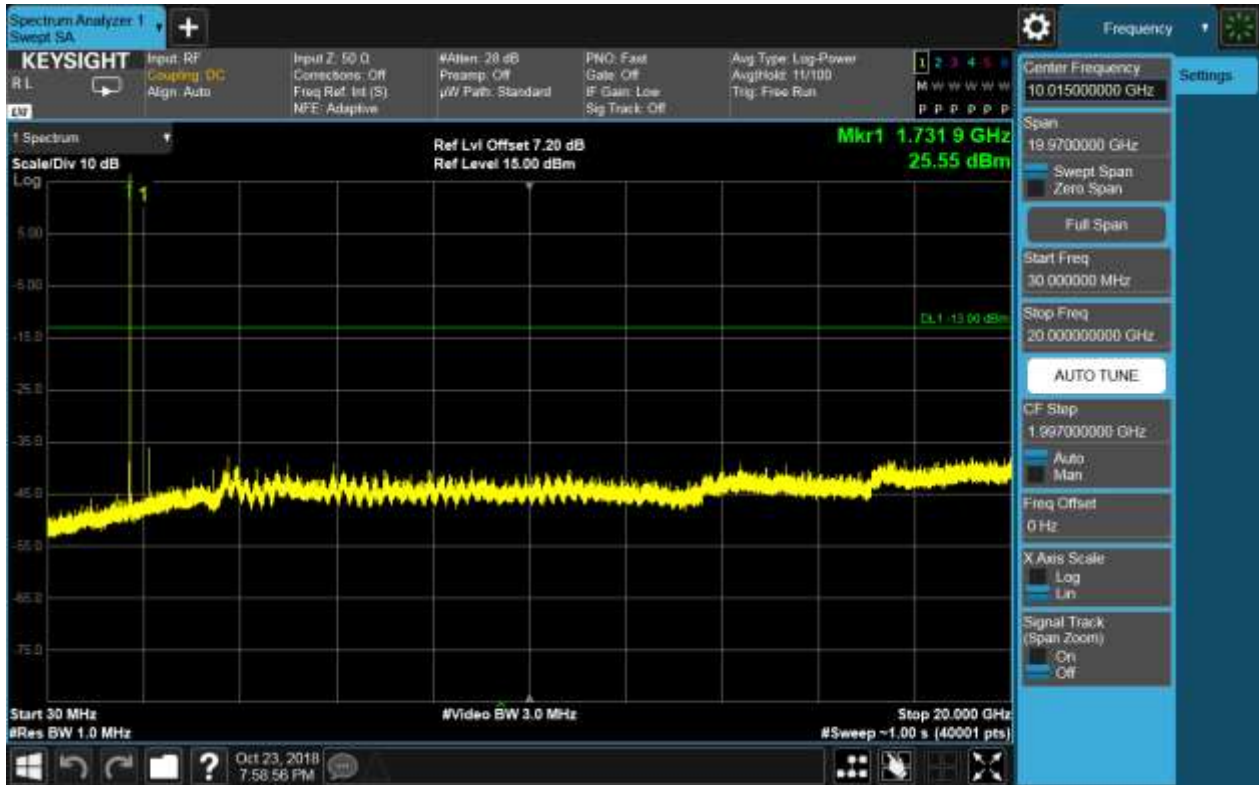


6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0







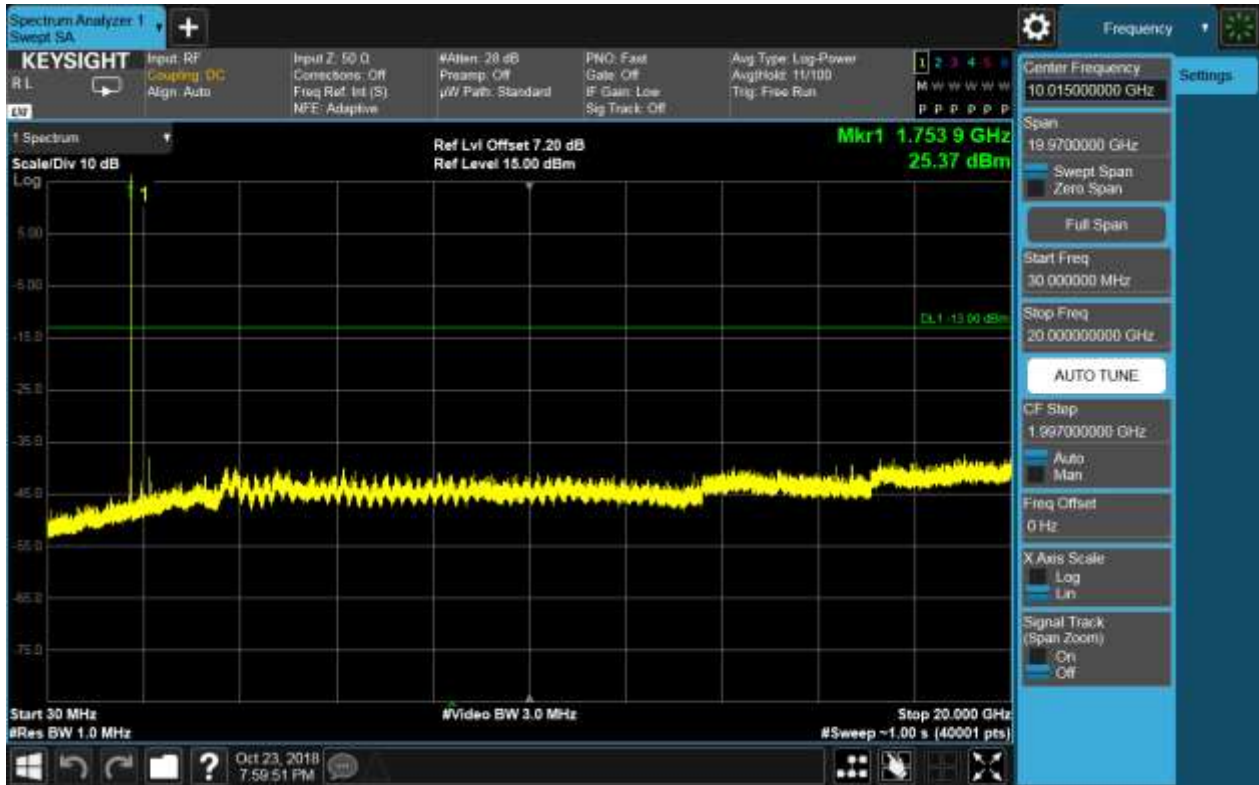


6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0









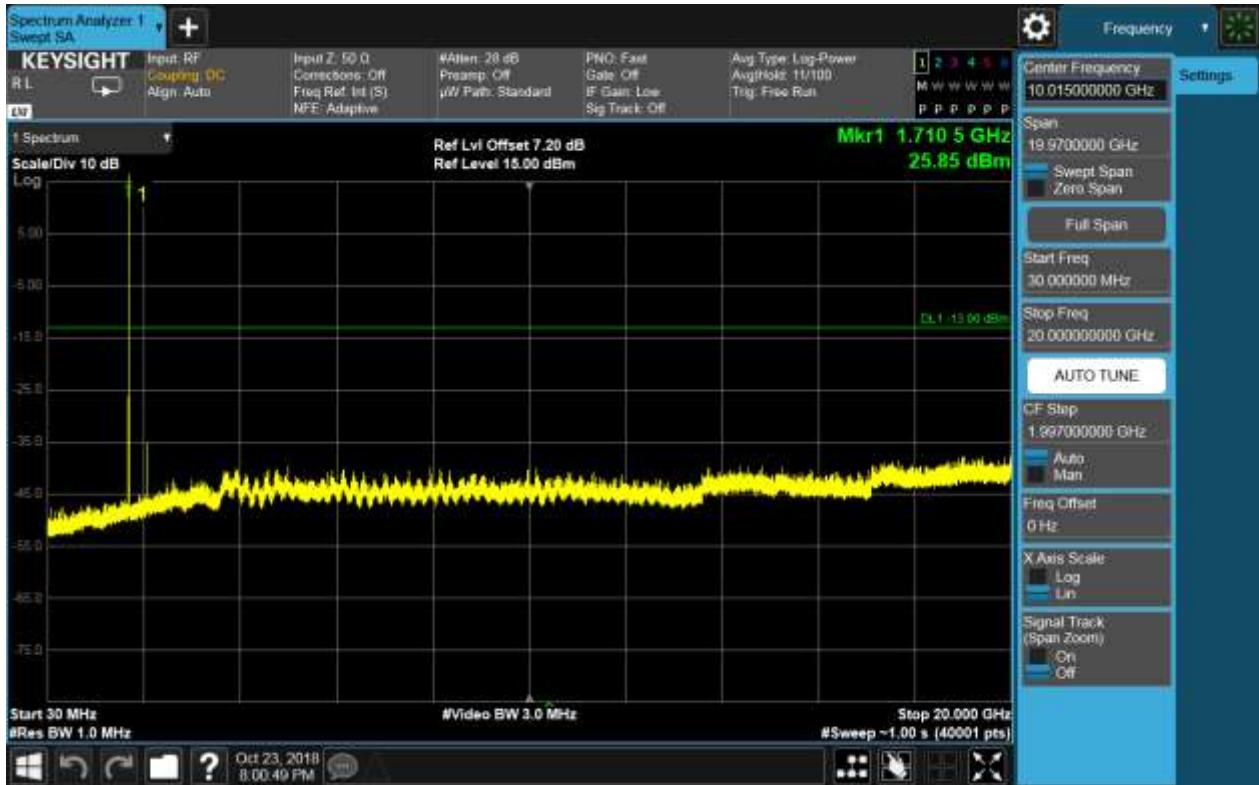
6.1.1.1.2 Test Bandwidth = 3

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0







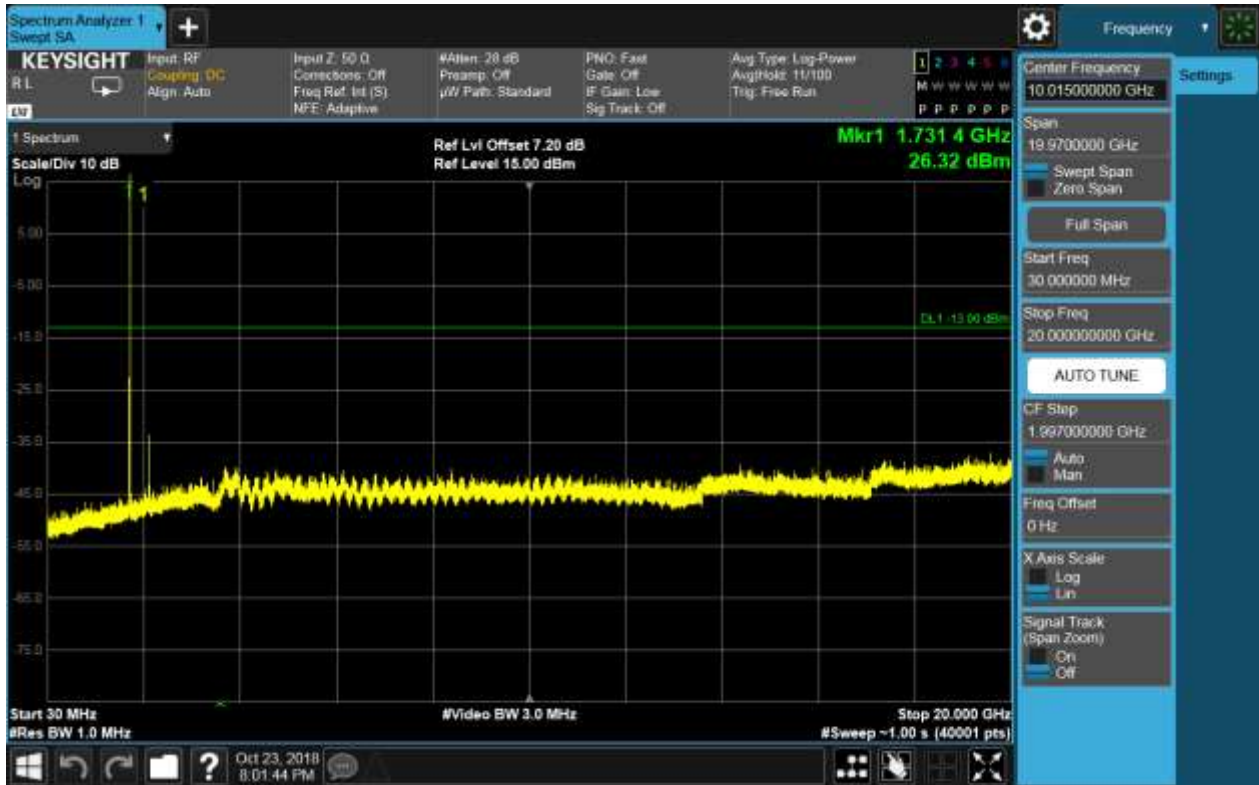


6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0







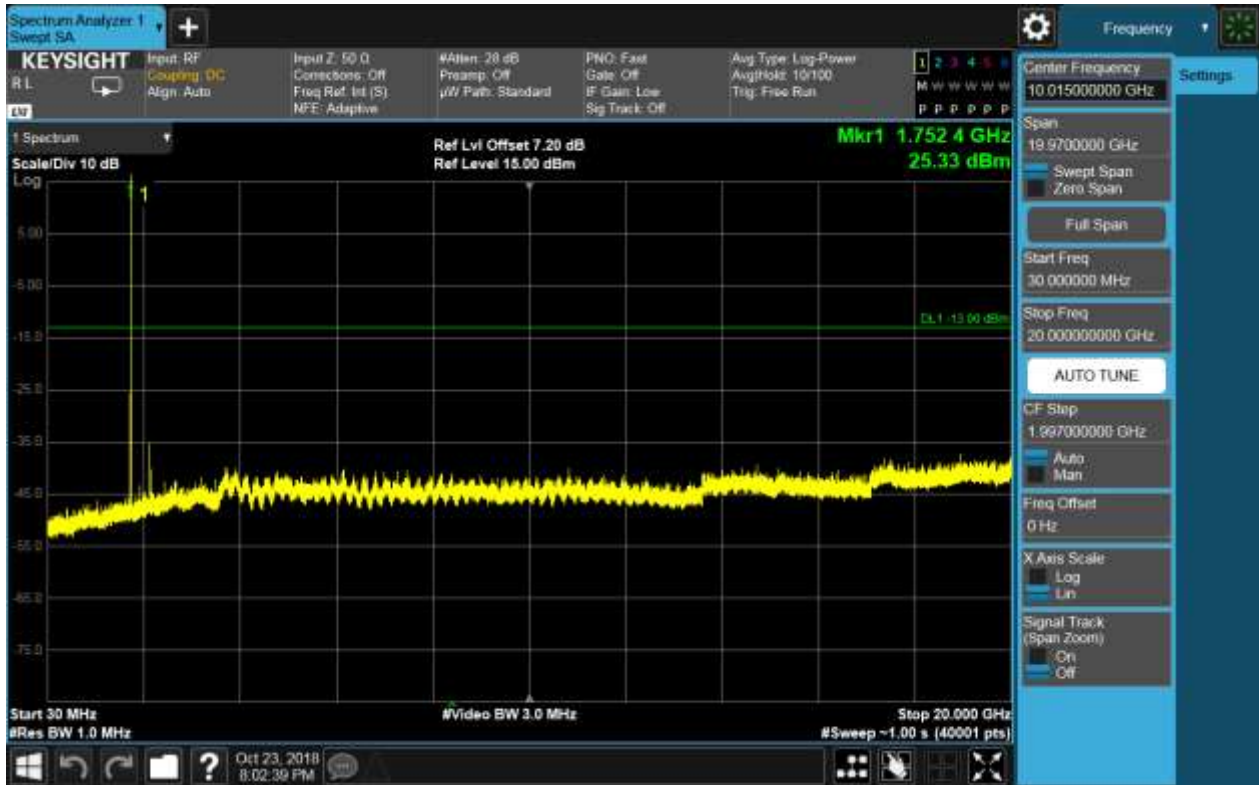


6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0









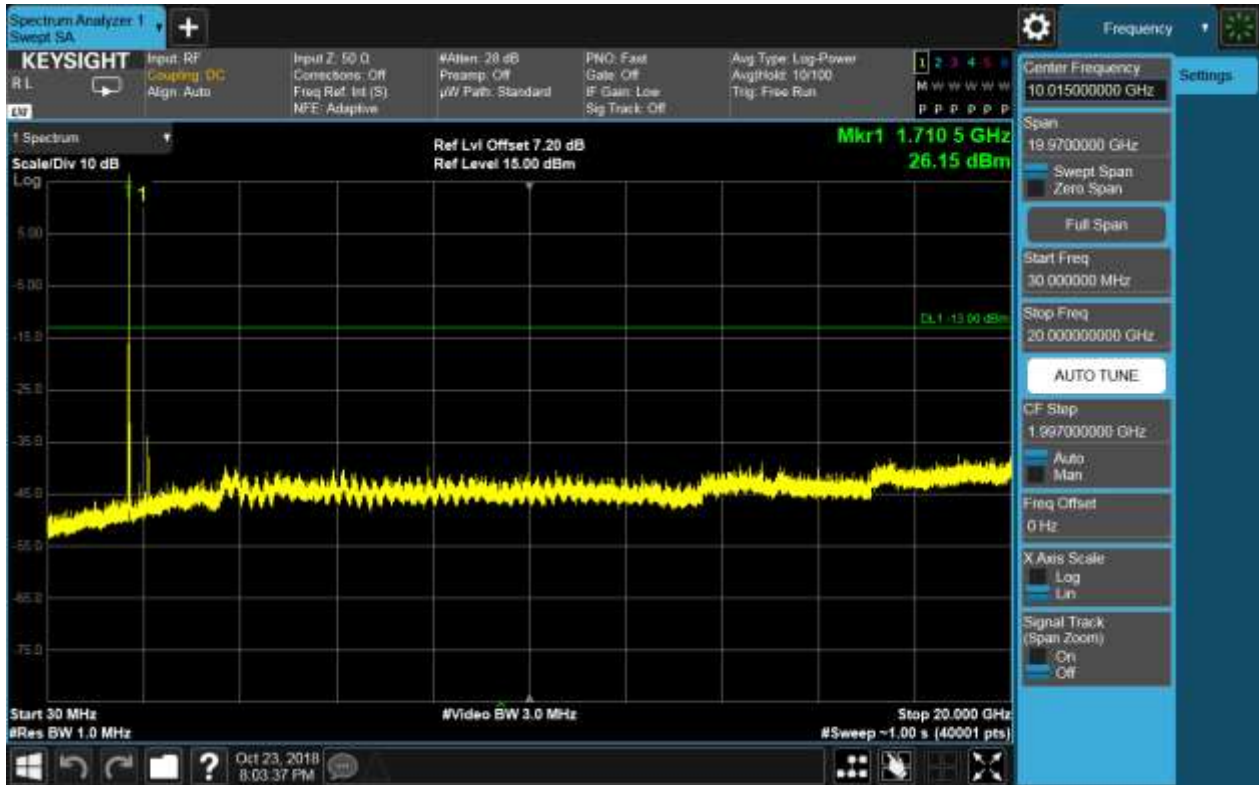
6.1.1.1.3 Test Bandwidth = 5

6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0







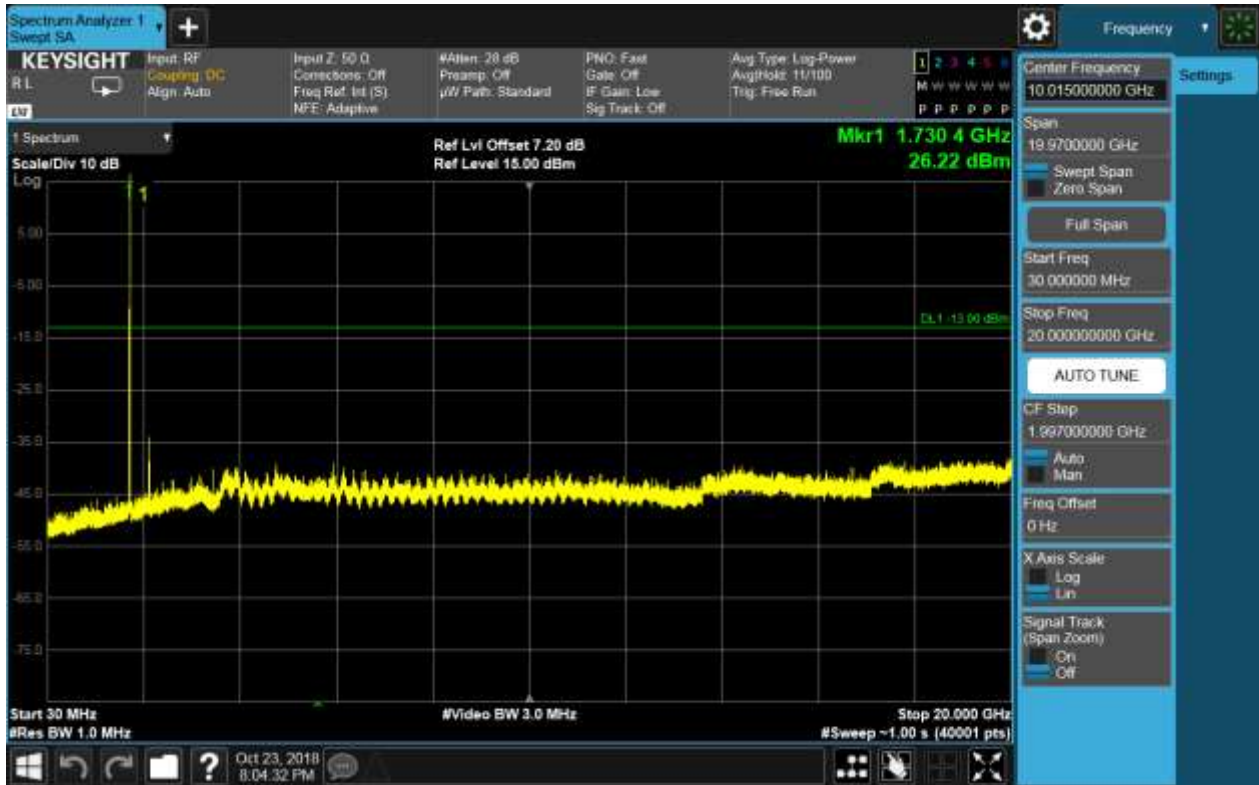


6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0







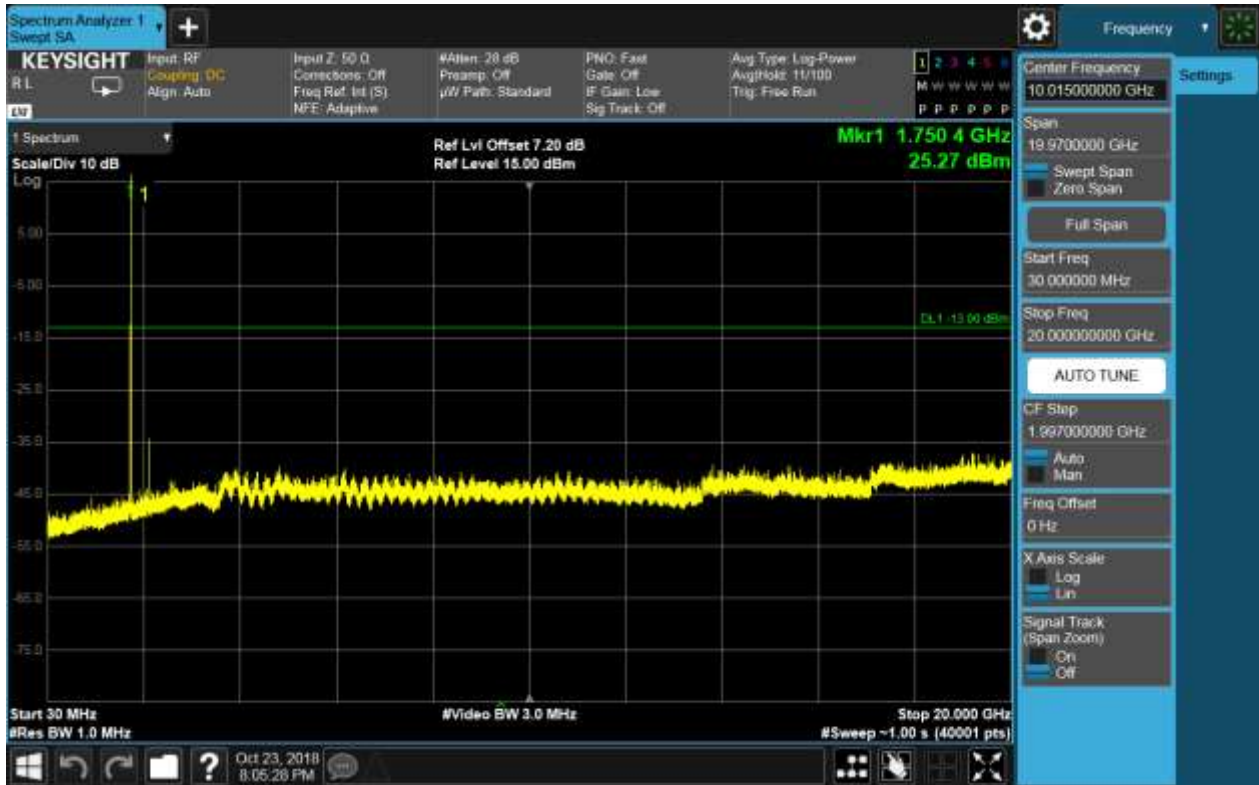


6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0









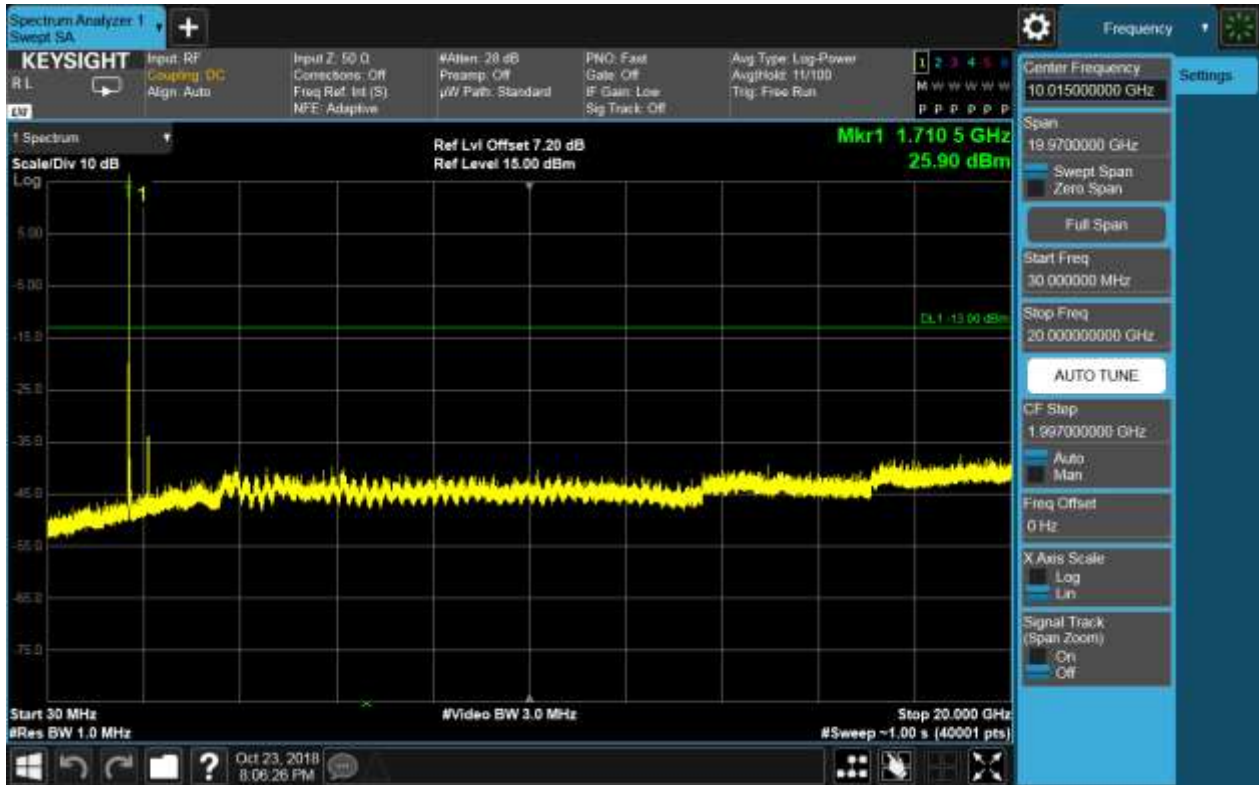
6.1.1.1.4 Test Bandwidth = 10

6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0







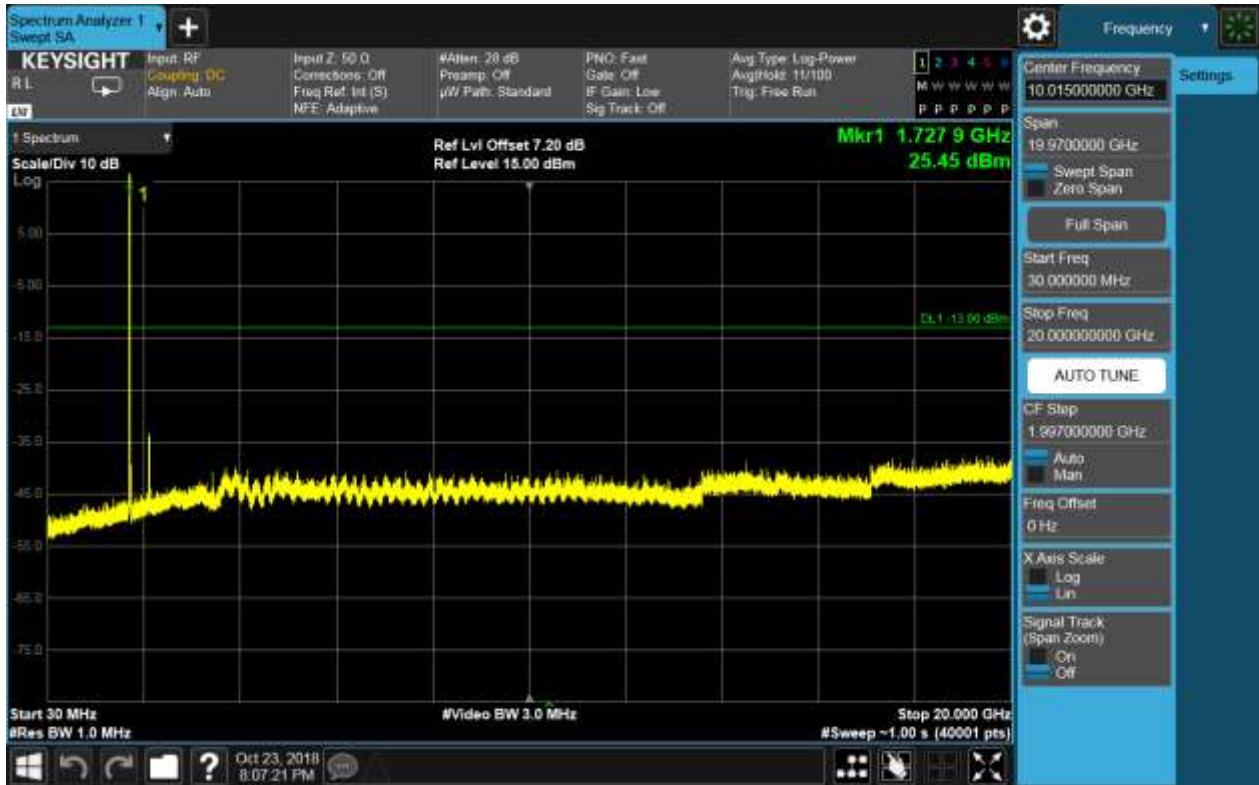


6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0







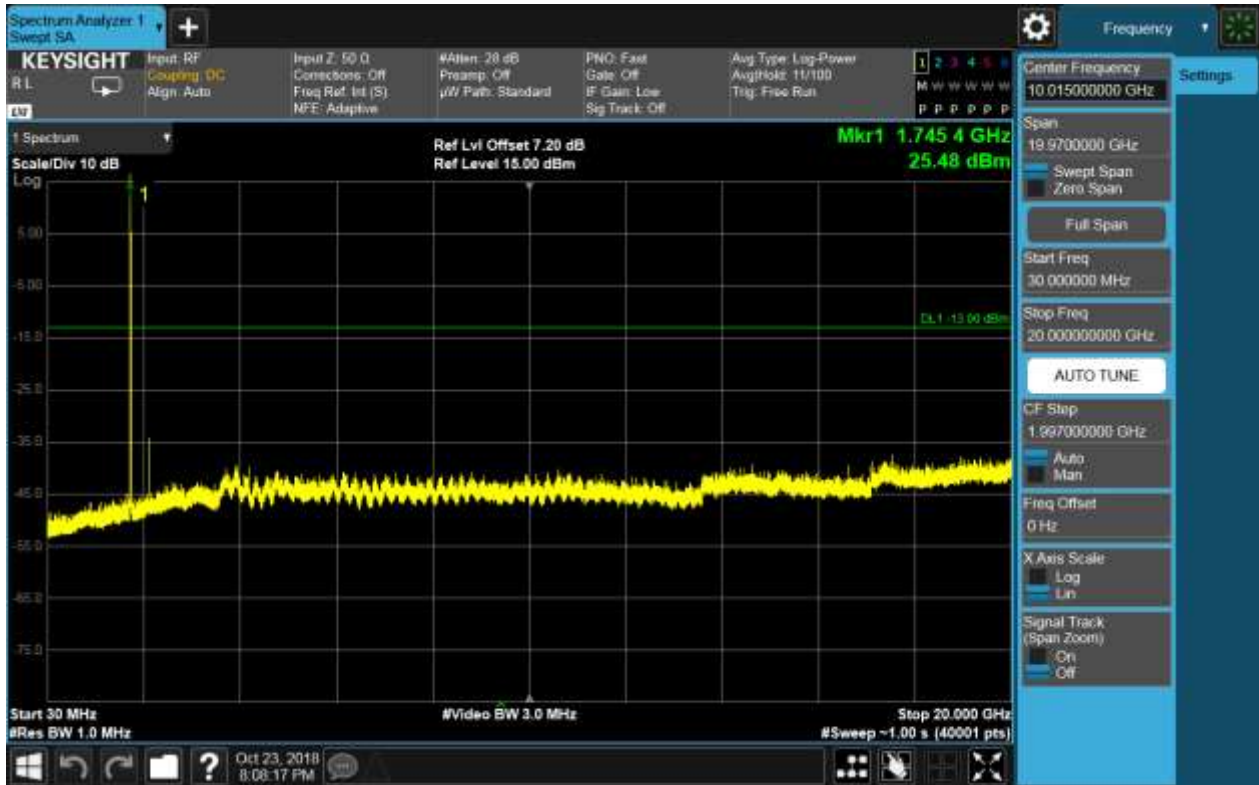


6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0









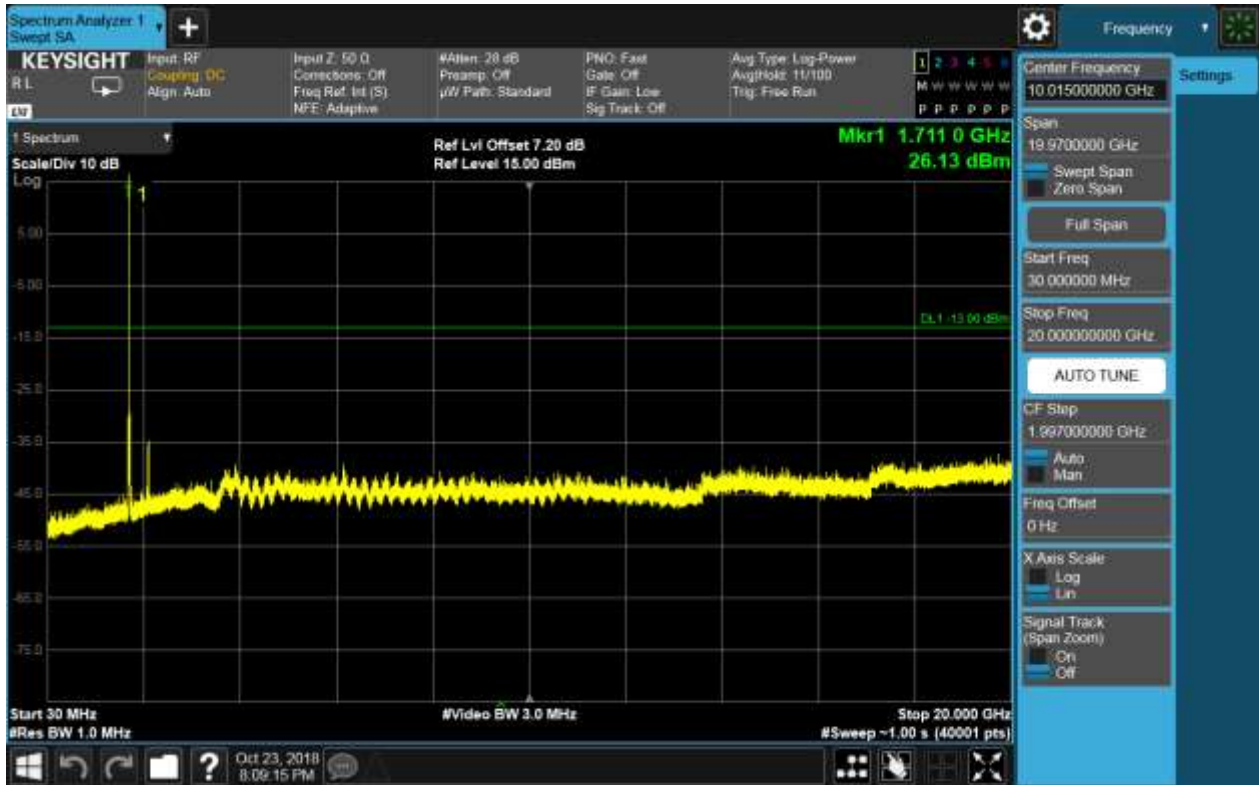
6.1.1.1.5 Test Bandwidth = 15

6.1.1.1.5.1 Test Channel = LCH

6.1.1.1.5.1.1 Test RB = RB1#0







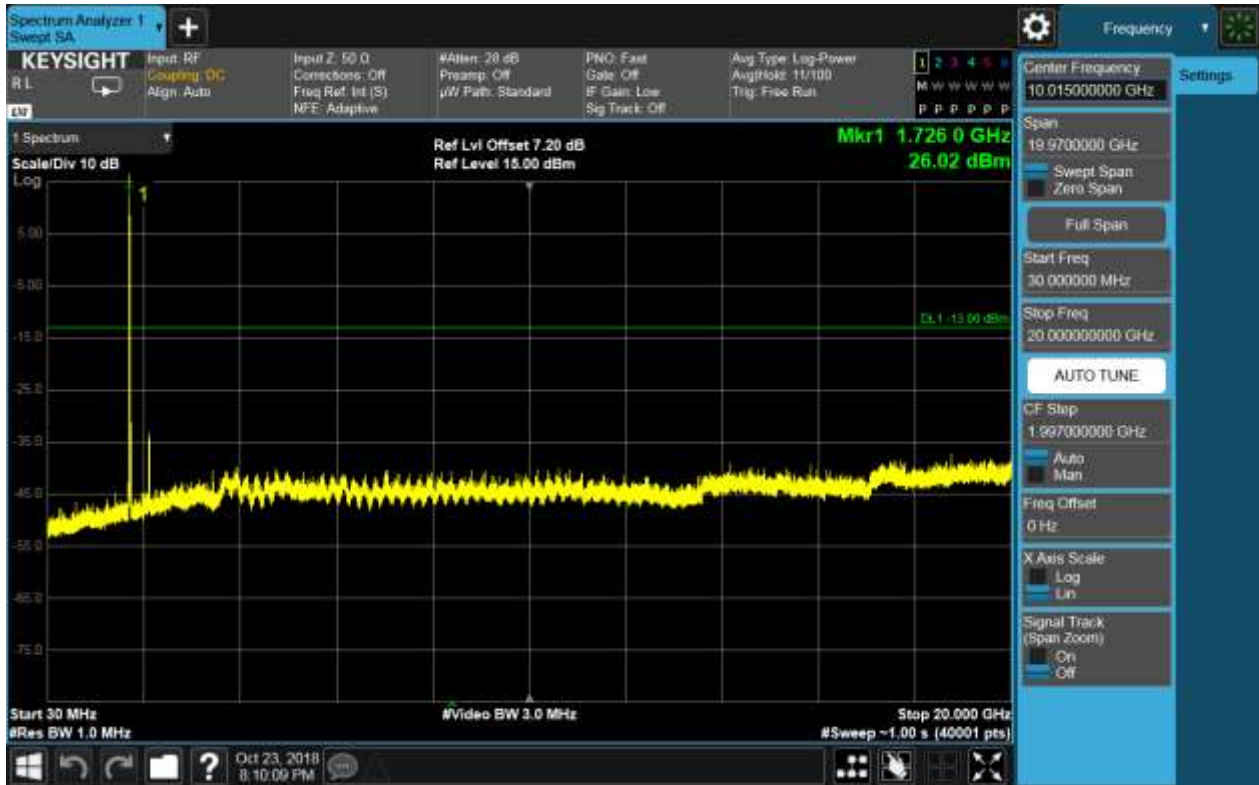


6.1.1.1.5.2 Test Channel = MCH

6.1.1.1.5.2.1 Test RB = RB1#0







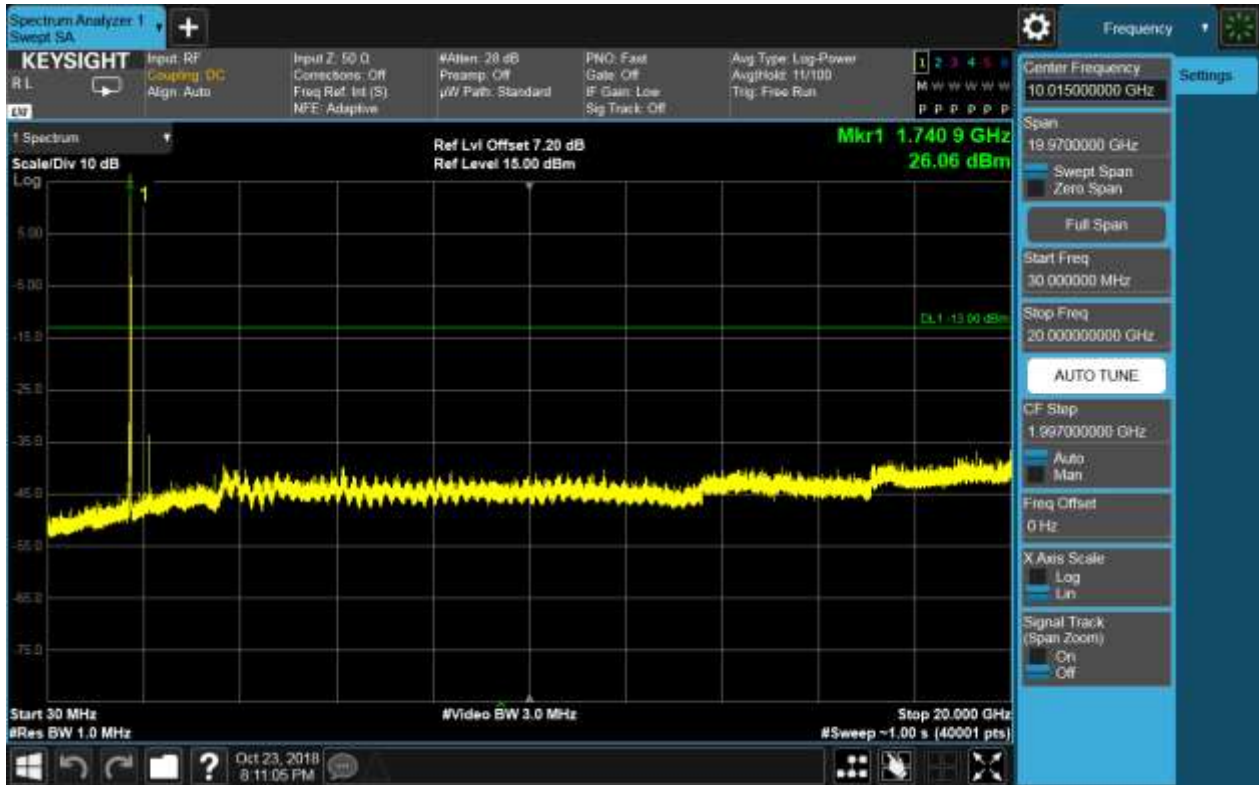


6.1.1.1.5.3 Test Channel = HCH

6.1.1.1.5.3.1 Test RB = RB1#0

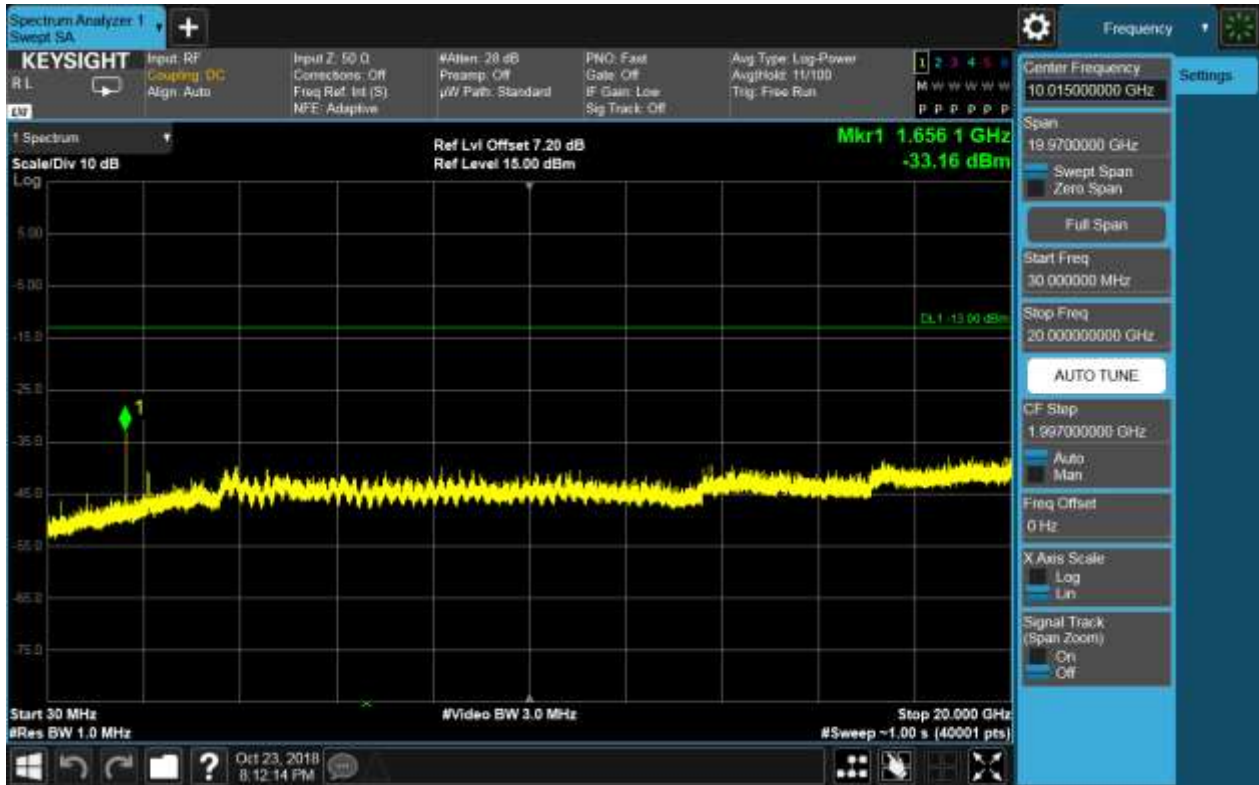






**6.1.1.1.6 Test Bandwidth = 20****6.1.1.1.6.1 Test Channel = LCH****6.1.1.1.6.1.1 Test RB = RB1#0**





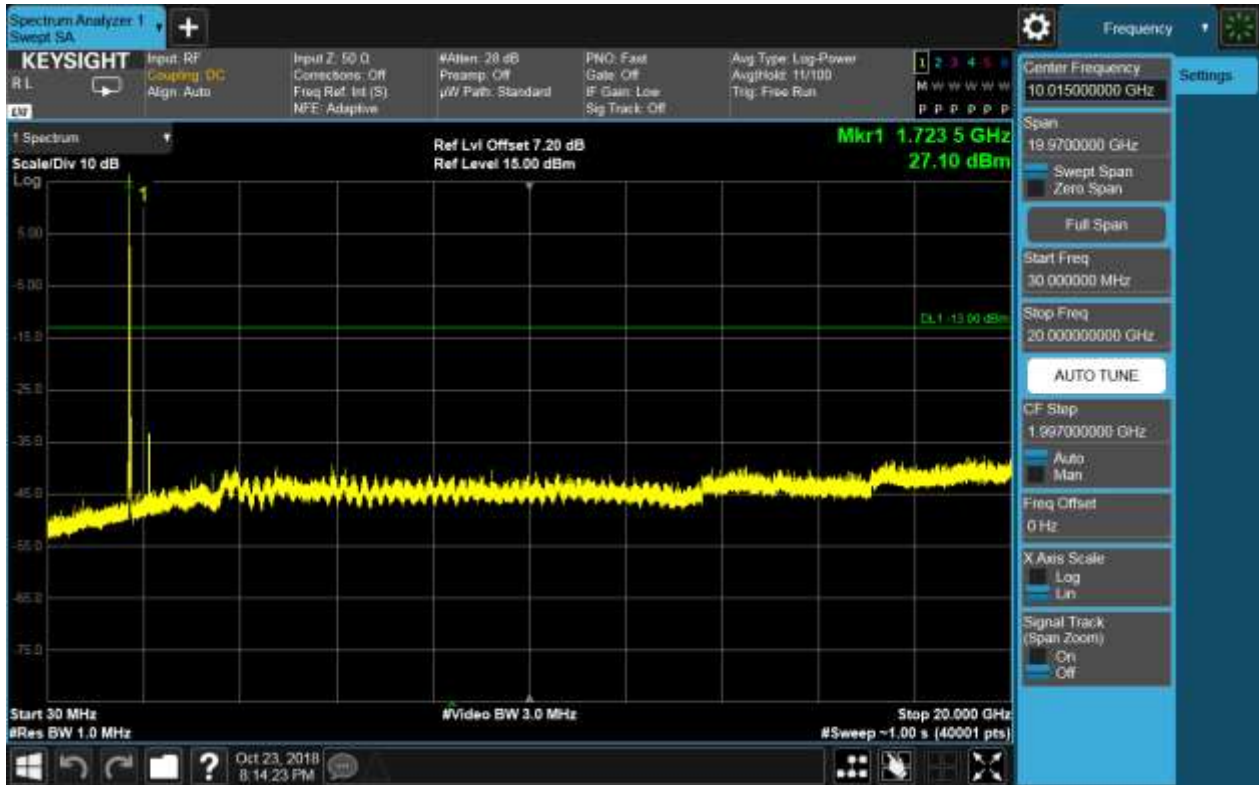


6.1.1.1.6.2 Test Channel = MCH

6.1.1.1.6.2.1 Test RB = RB1#0







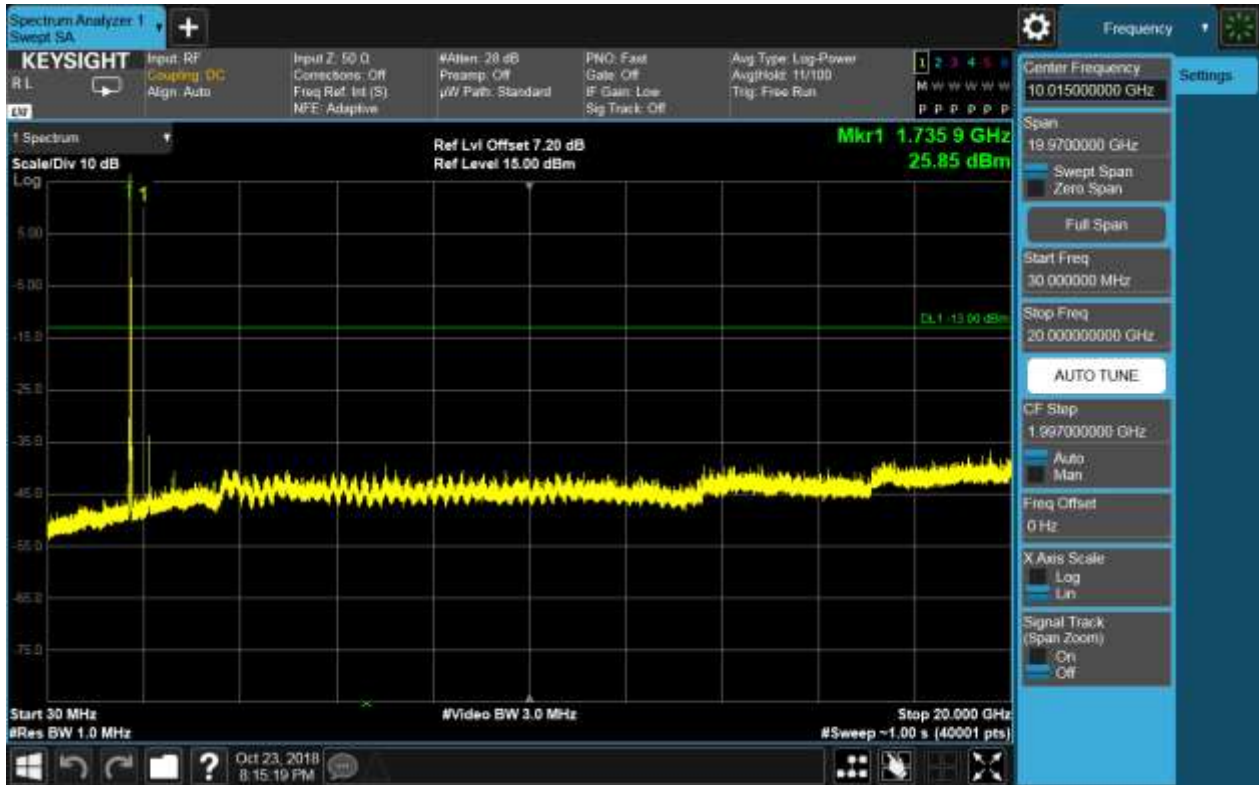


6.1.1.1.6.3 Test Channel = HCH

6.1.1.1.6.3.1 Test RB = RB1#0

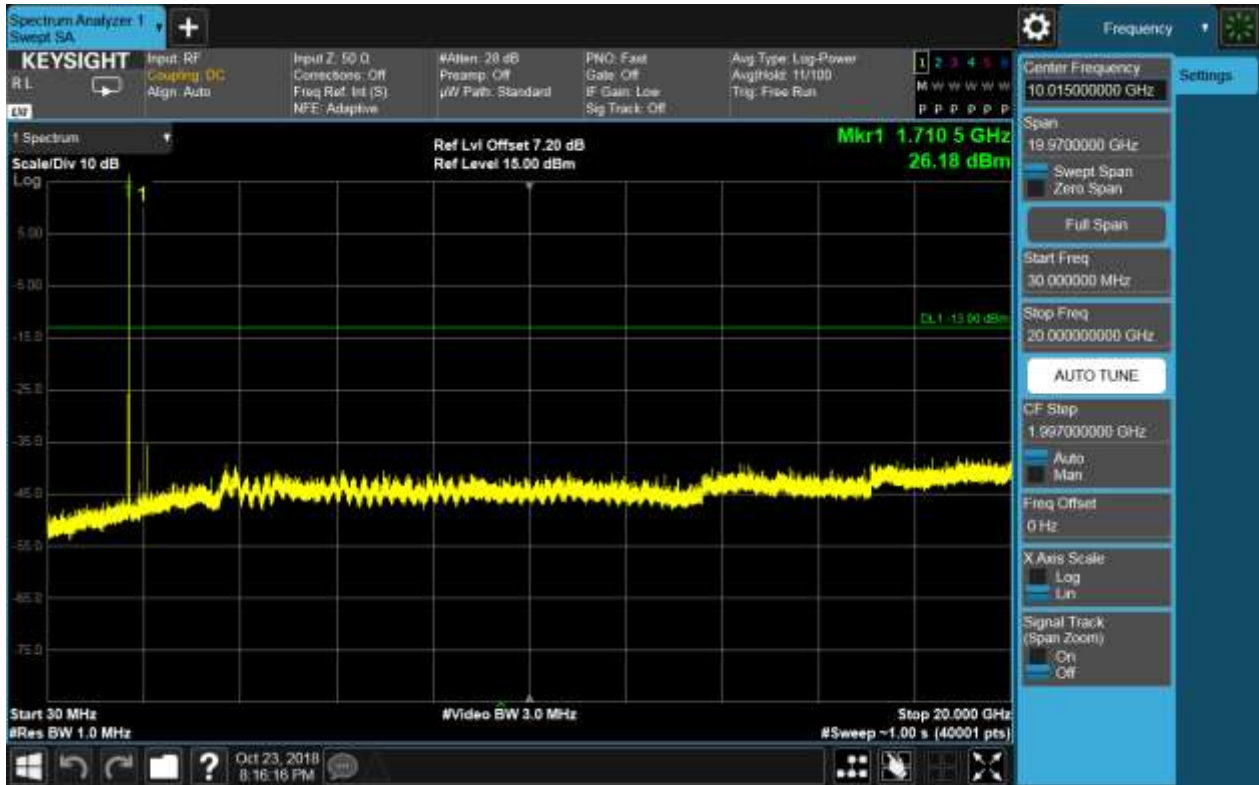






**6.1.1.2 Test Mode = LTE/TM2****6.1.1.2.1 Test Bandwidth = 1.4****6.1.1.2.1.1 Test Channel = LCH****6.1.1.2.1.1.1 Test RB = RB1#0**





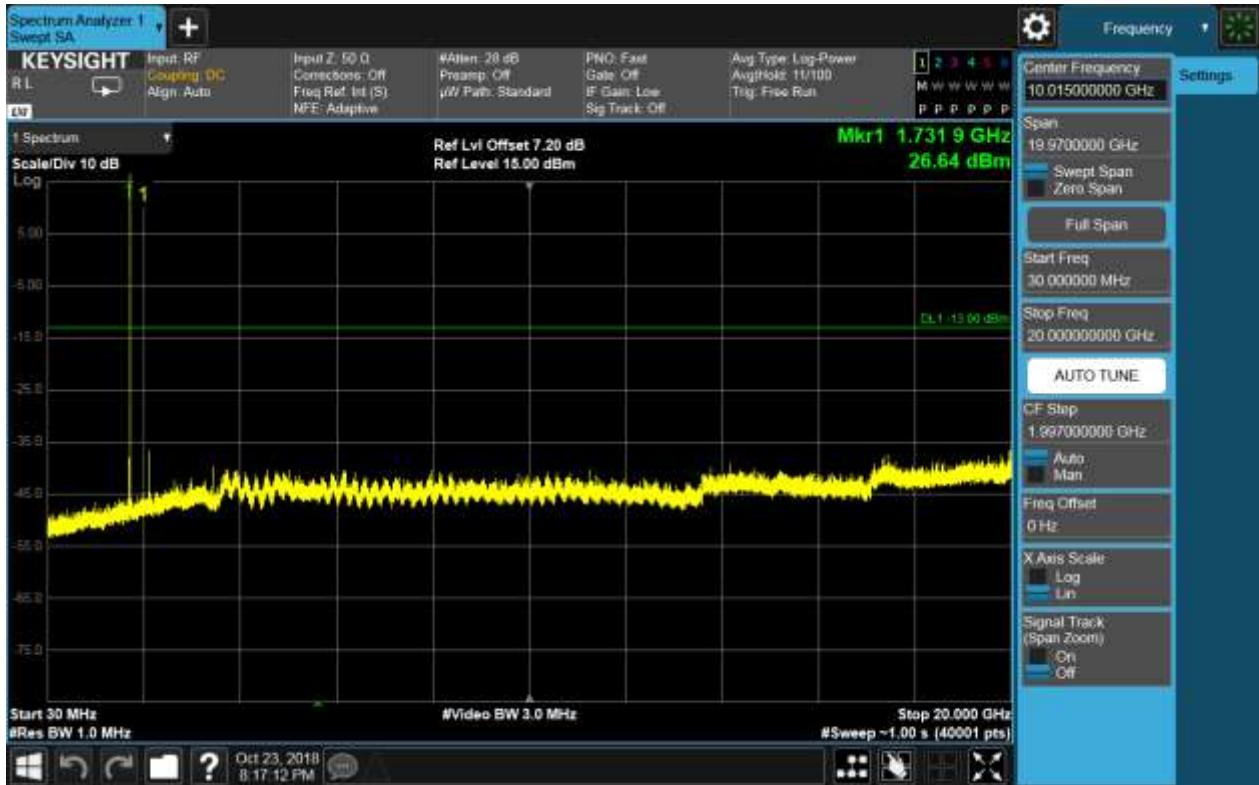


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0







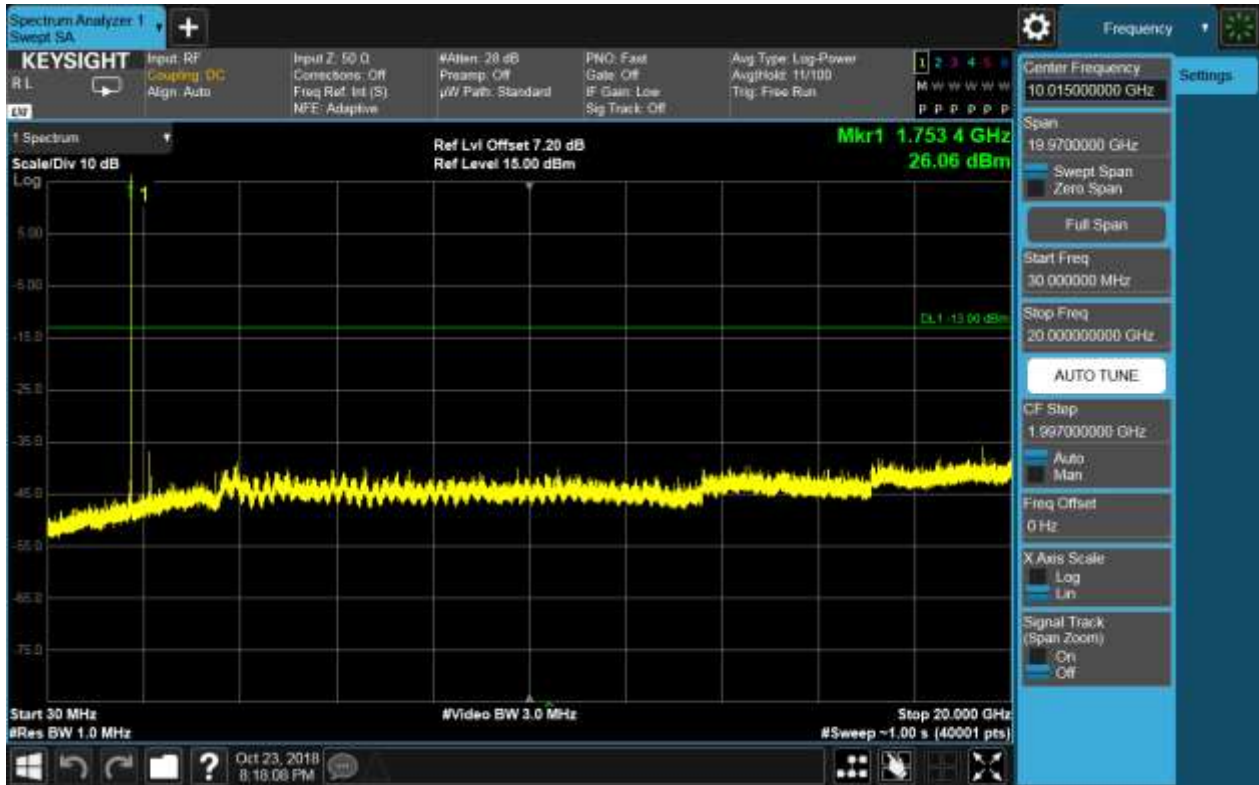


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0









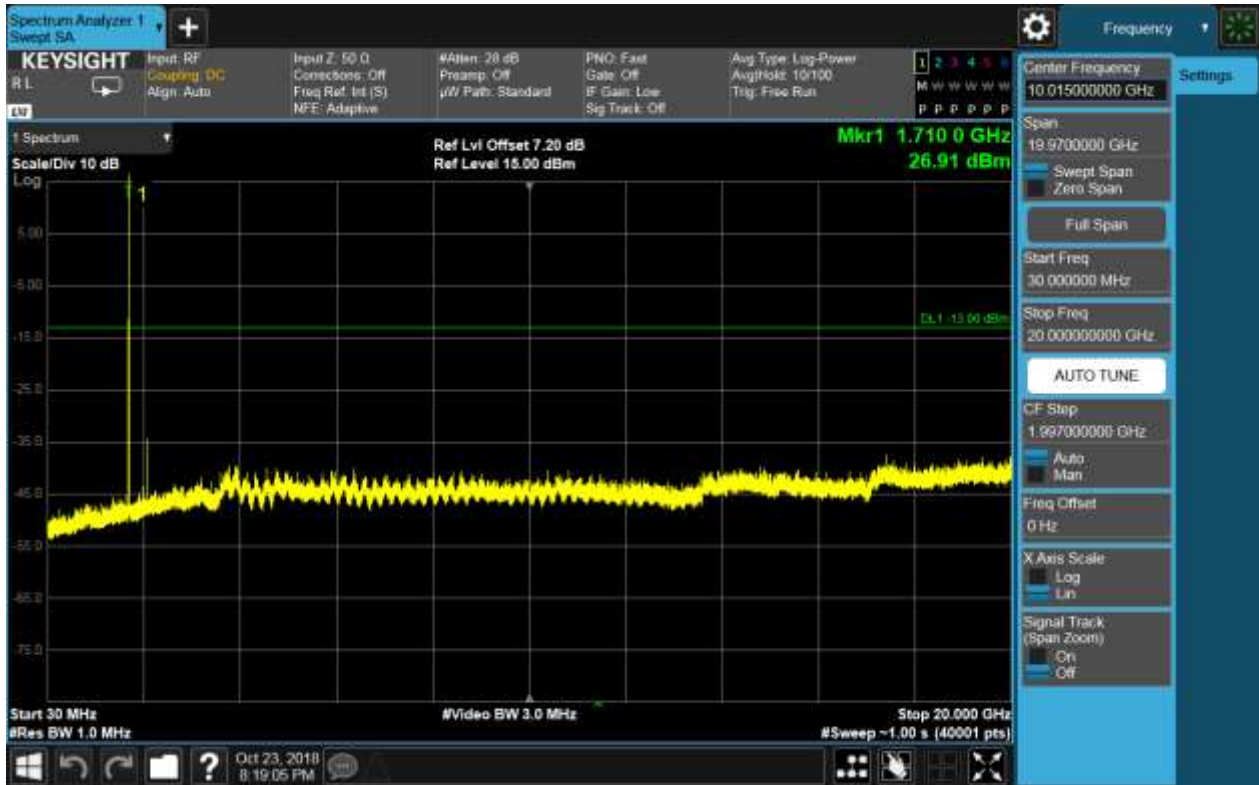
6.1.1.2.2 Test Bandwidth = 3

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0







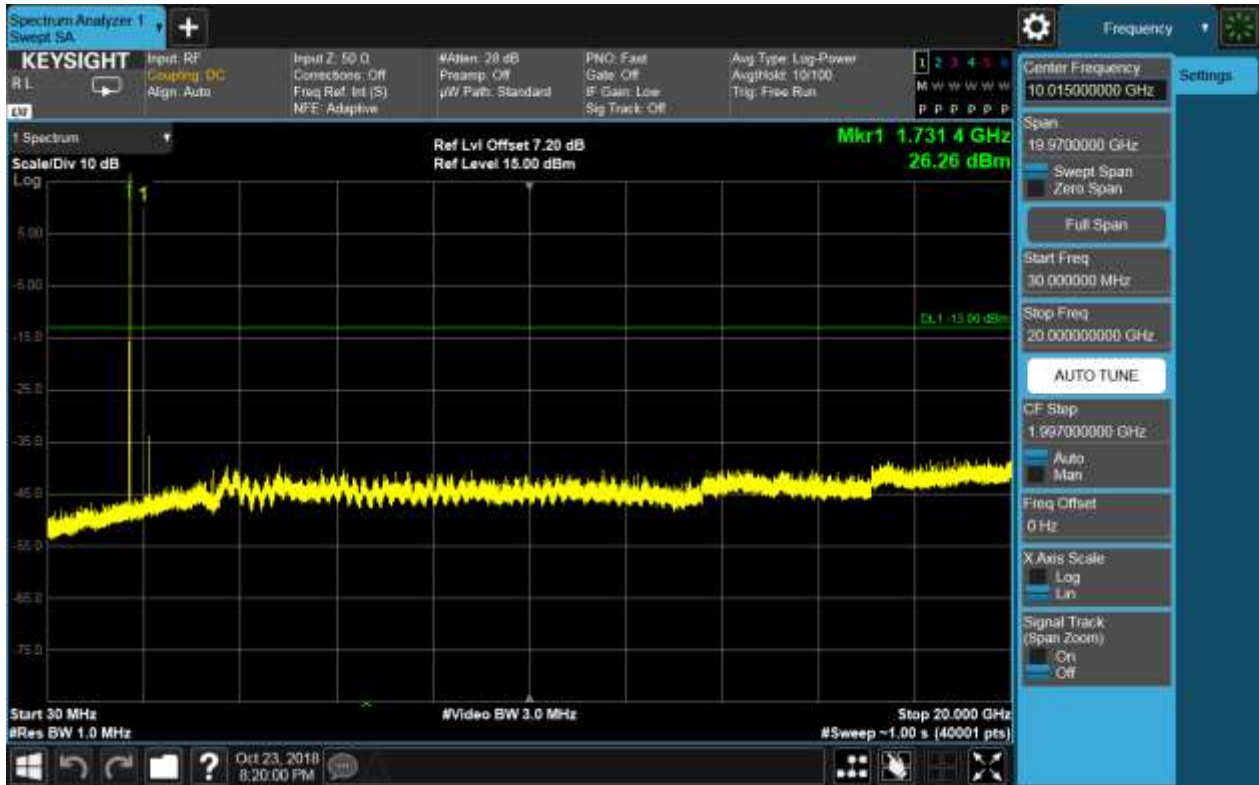


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0







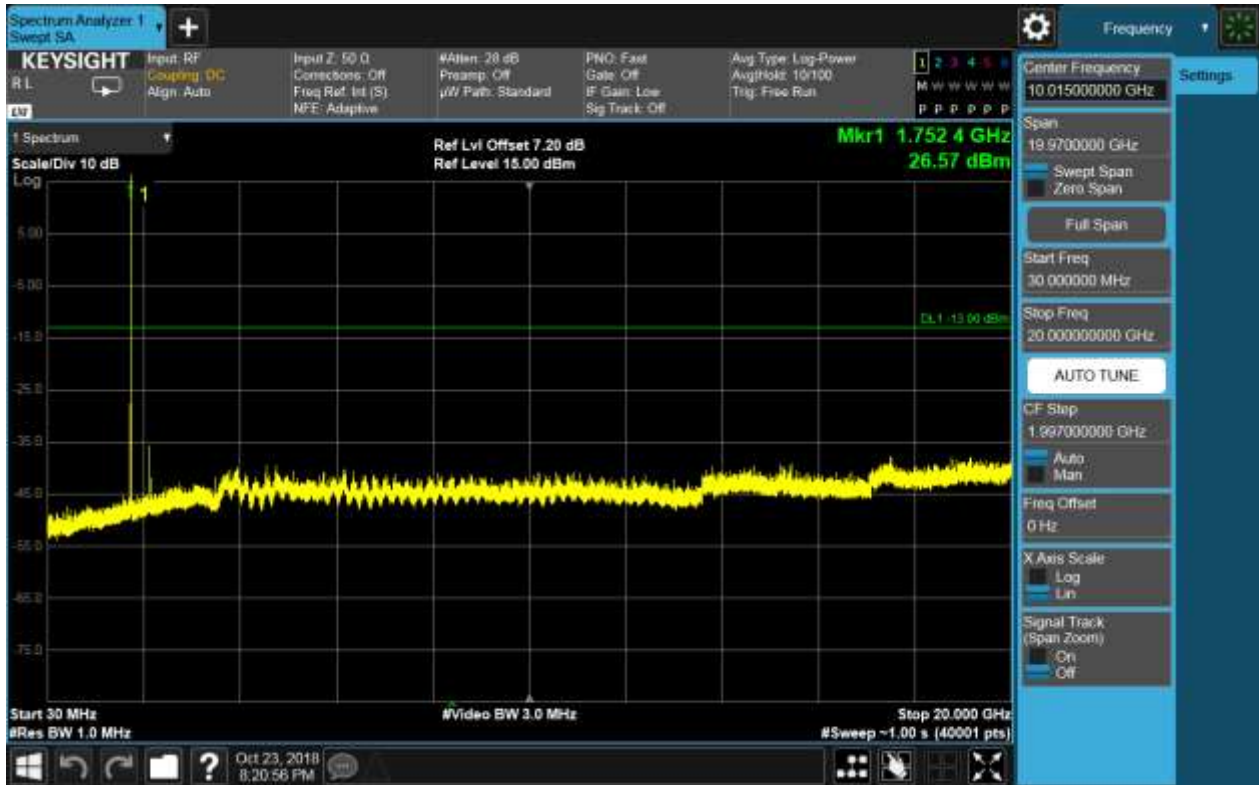


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0









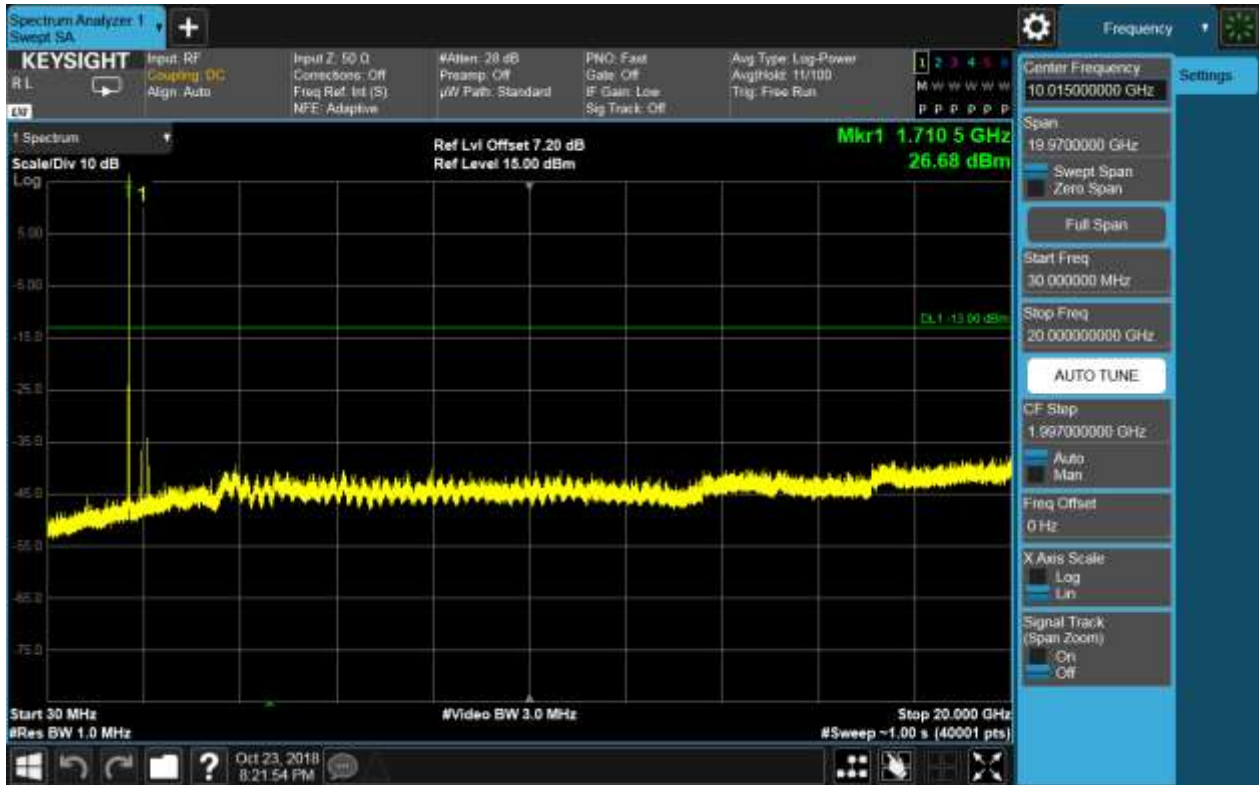
6.1.1.2.3 Test Bandwidth = 5

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0







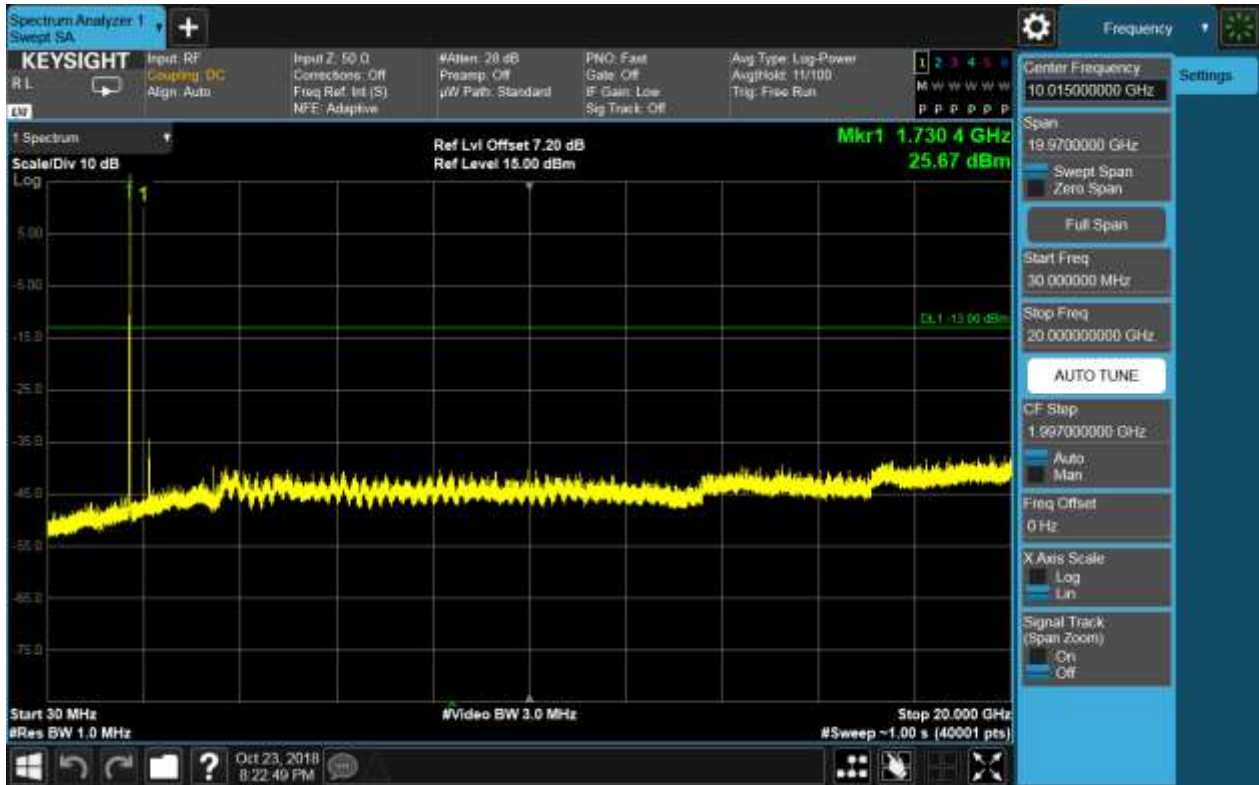


6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0







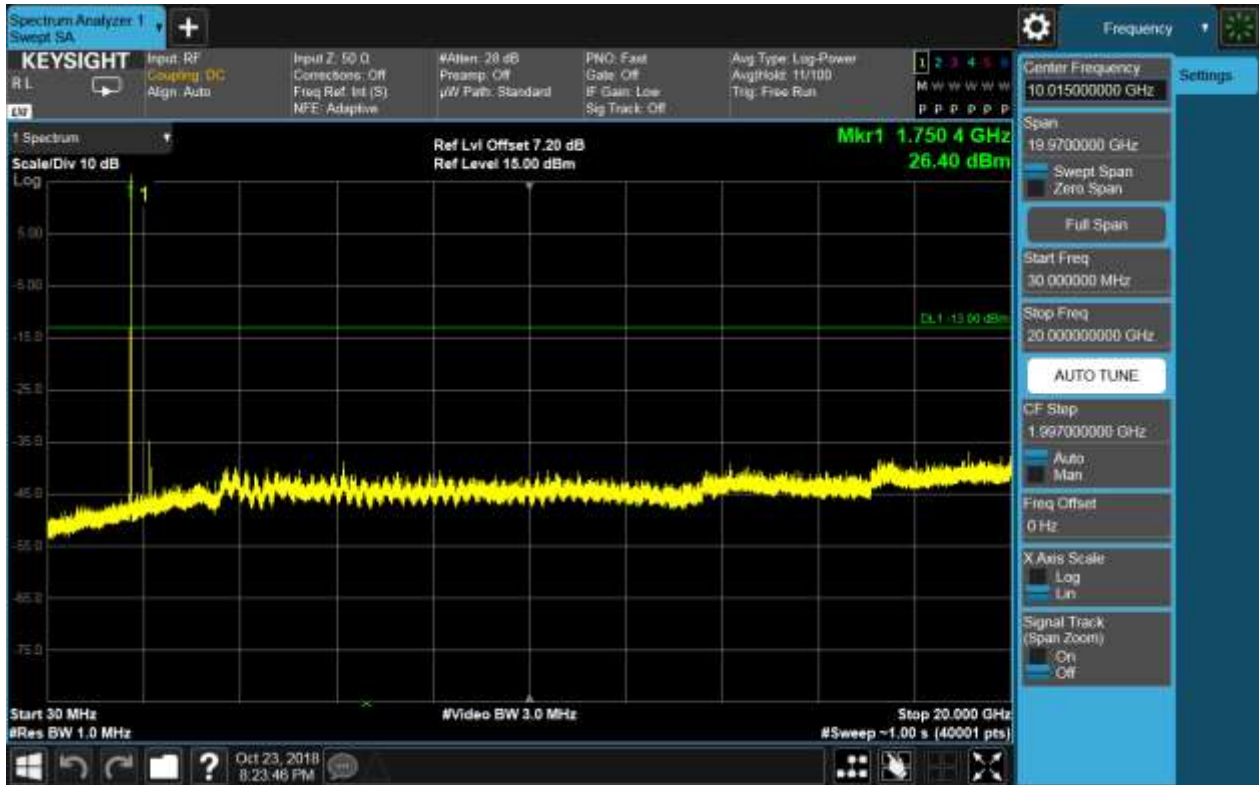


6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0









6.1.1.2.4 Test Bandwidth = 10

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0





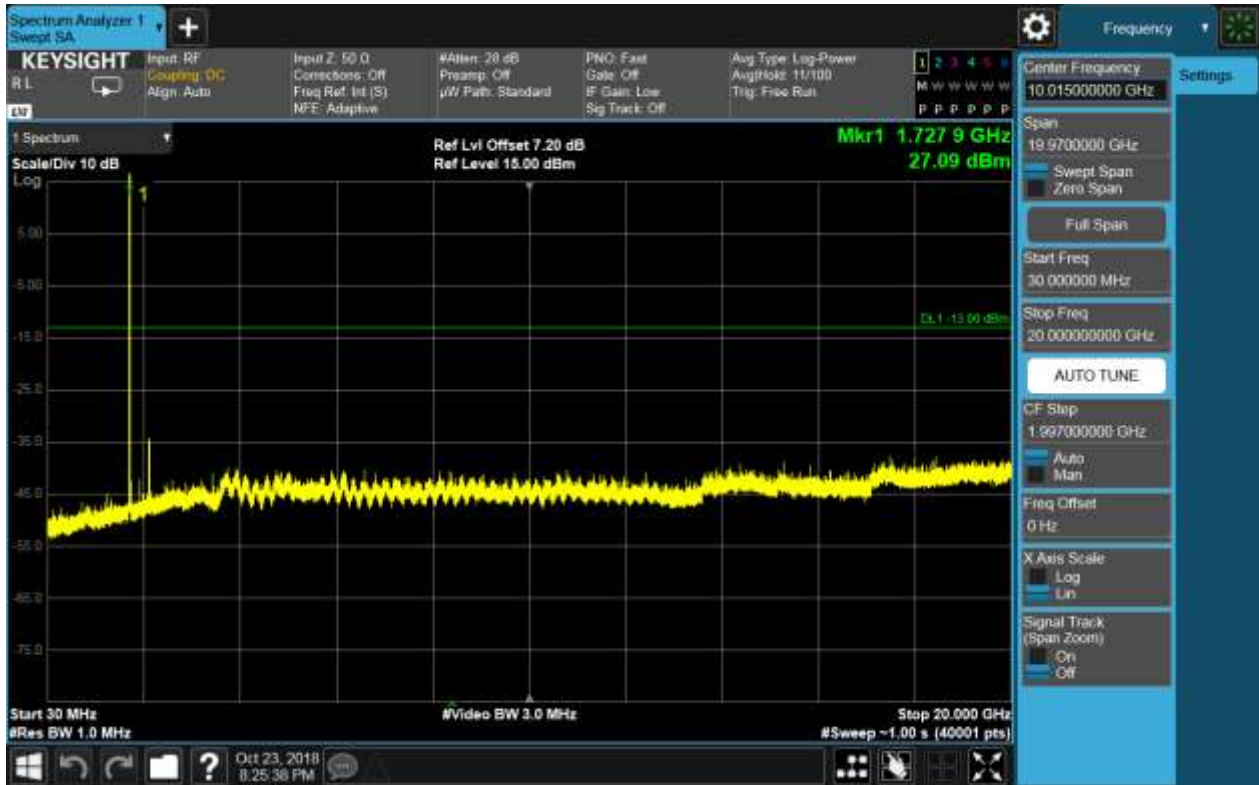


6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0







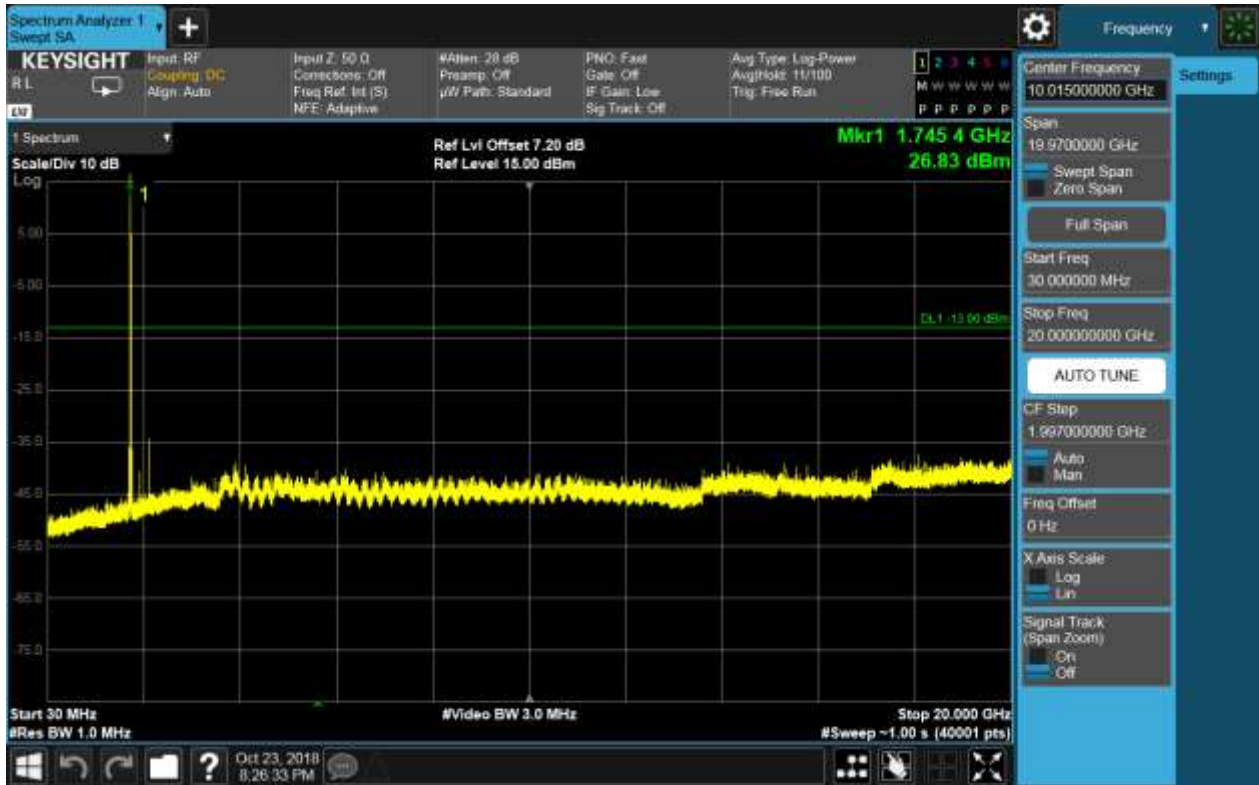


6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0









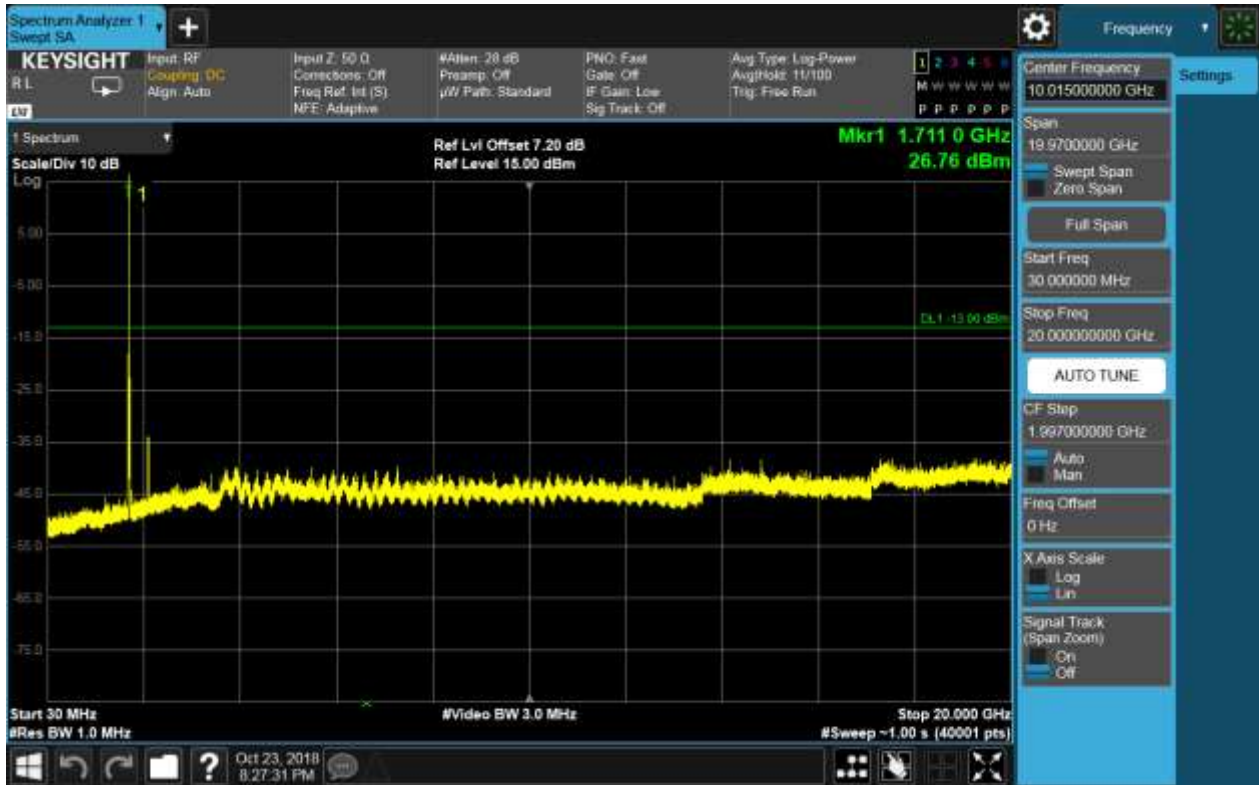
6.1.1.2.5 Test Bandwidth = 15

6.1.1.2.5.1 Test Channel = LCH

6.1.1.2.5.1.1 Test RB = RB1#0





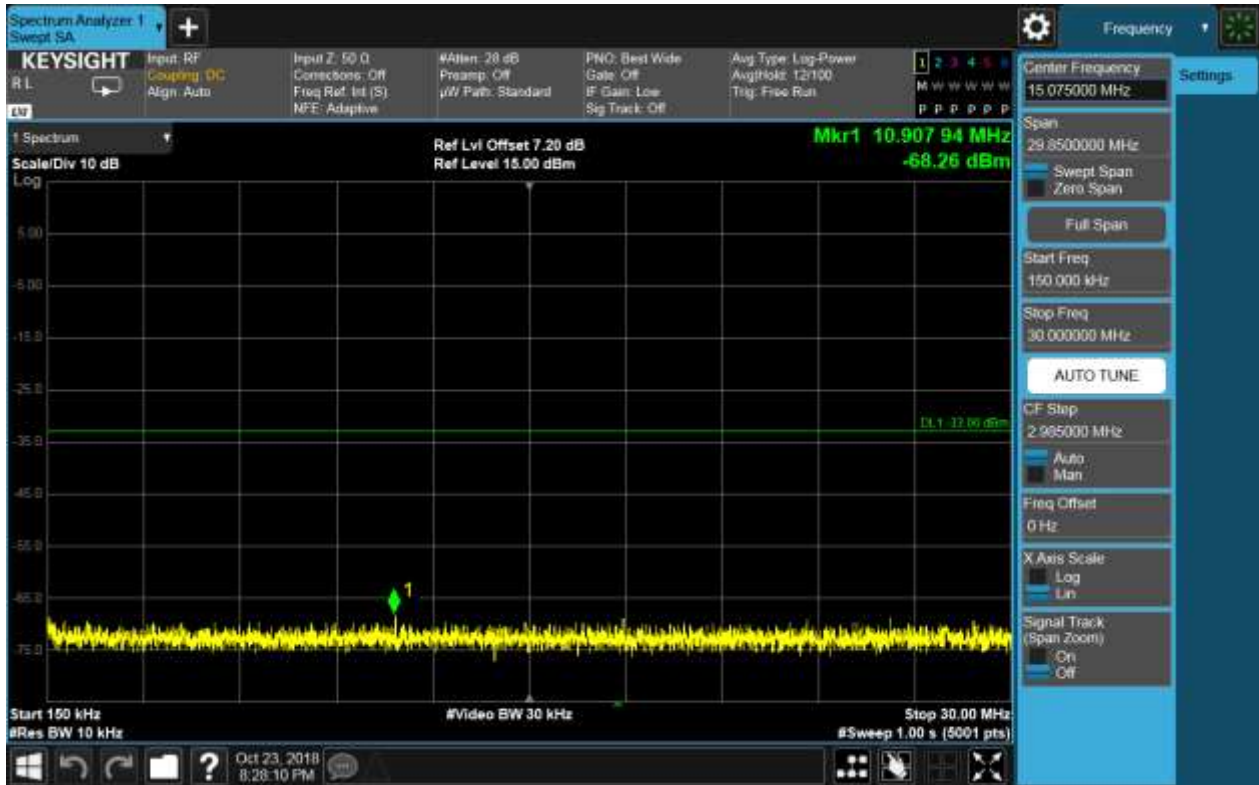


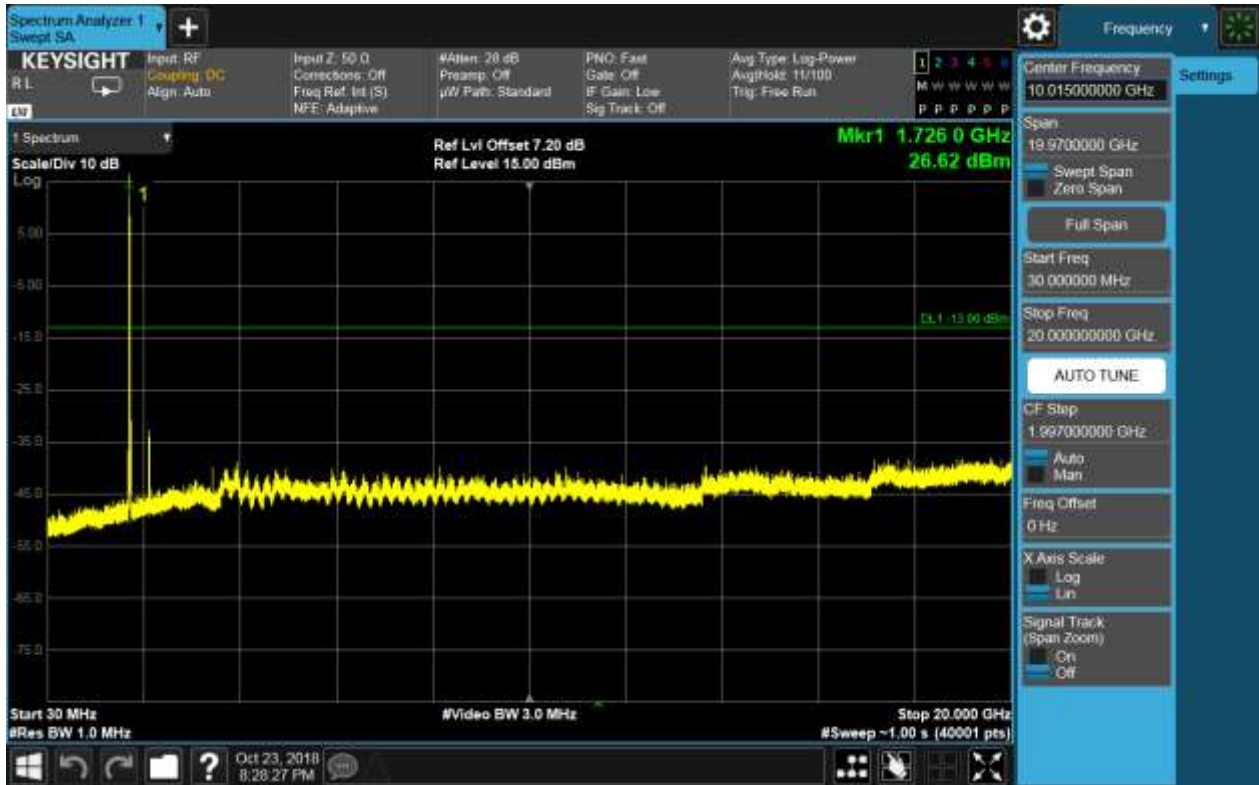


6.1.1.2.5.2 Test Channel = MCH

6.1.1.2.5.2.1 Test RB = RB1#0







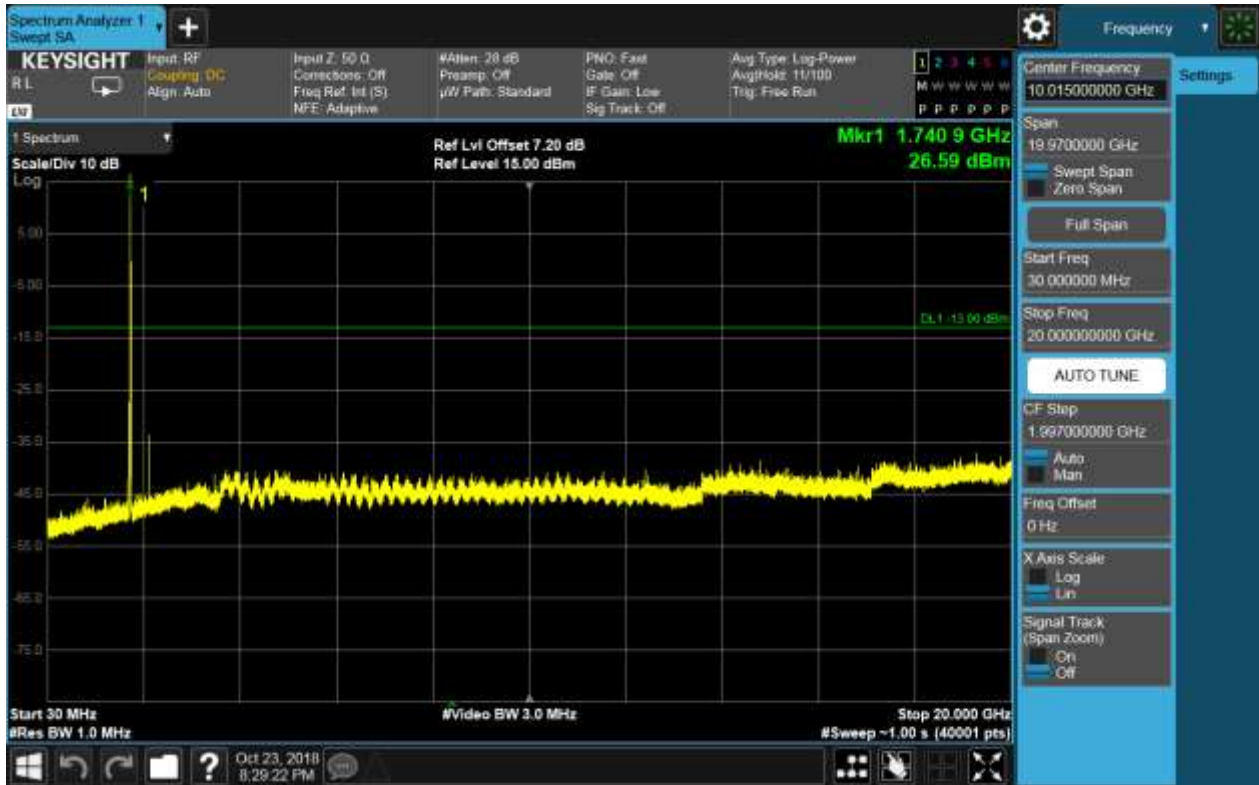


6.1.1.2.5.3 Test Channel = HCH

6.1.1.2.5.3.1 Test RB = RB1#0









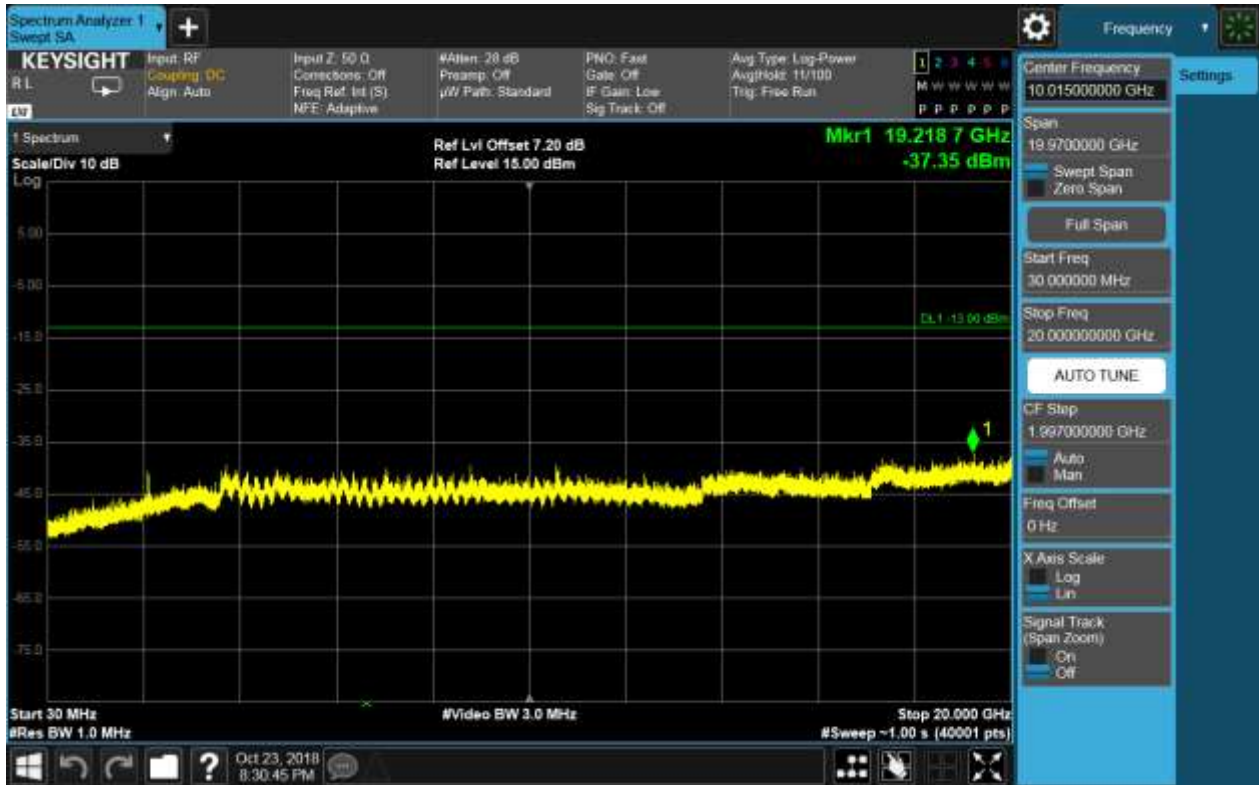
6.1.1.2.6 Test Bandwidth = 20

6.1.1.2.6.1 Test Channel = LCH

6.1.1.2.6.1.1 Test RB = RB1#0









6.1.1.2.6.2 Test Channel = MCH

6.1.1.2.6.2.1 Test RB = RB1#0







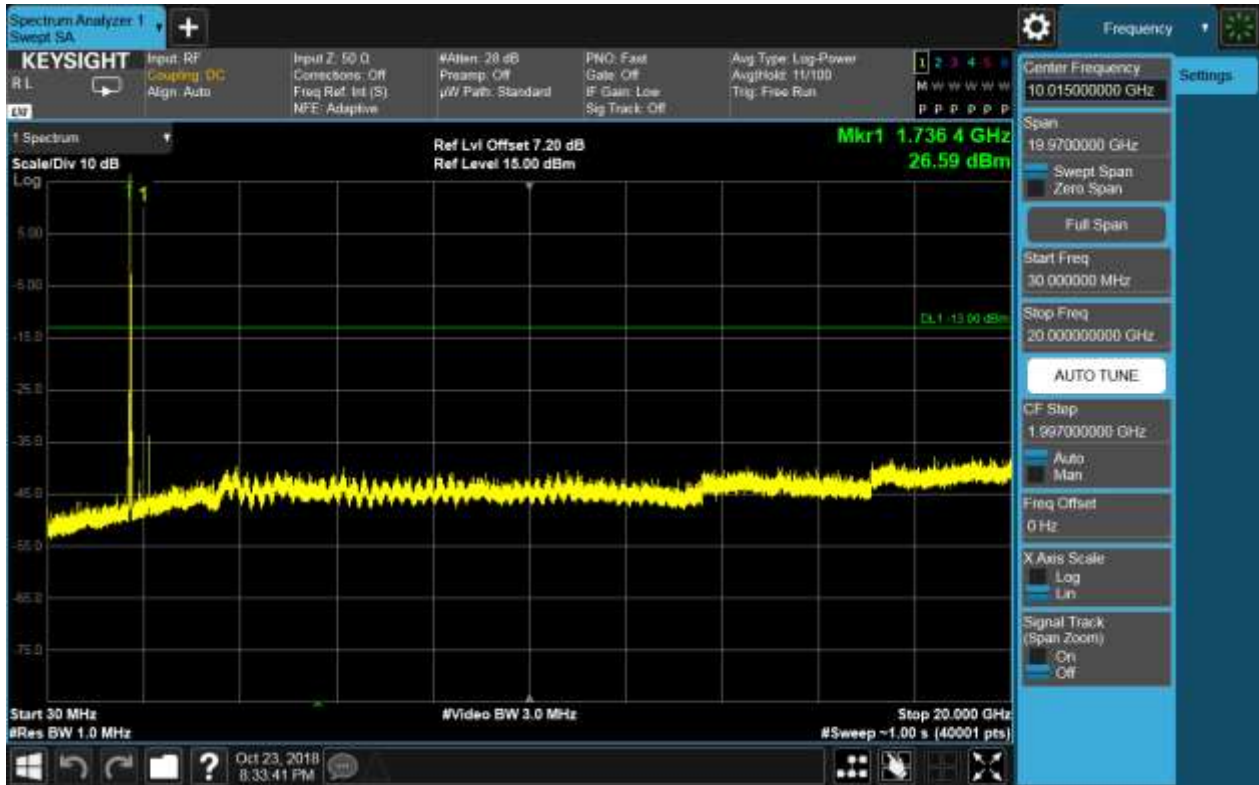


6.1.1.2.6.3 Test Channel = HCH

6.1.1.2.6.3.1 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
BAND4	LTE/TM1	1.4	LCH	TN	VL	-3.91	-0.00229	PASS
					VN	-1.96	-0.00115	PASS
					VH	-13.35	-0.0078	PASS
			MCH	TN	VL	-1.07	-0.00062	PASS
					VN	2.78	0.0016	PASS
					VH	-3.55	-0.00205	PASS
			HCH	TN	VL	-1.73	-0.00099	PASS
					VN	7.28	0.00415	PASS
					VH	4.08	0.00233	PASS
		3	LCH	TN	VL	-0.30	-0.00018	PASS
					VN	-2.05	-0.0012	PASS
					VH	-0.51	-0.0003	PASS
			MCH	TN	VL	4.69	0.00271	PASS
					VN	0.92	0.00053	PASS
					VH	4.39	0.00253	PASS
			HCH	TN	VL	-4.73	-0.0027	PASS
					VN	-1.56	-0.00089	PASS
					VH	-1.53	-0.00087	PASS
		5	LCH	TN	VL	-7.21	-0.00421	PASS
					VN	-4.33	-0.00253	PASS
					VH	-4.89	-0.00286	PASS
			MCH	TN	VL	1.60	0.00092	PASS
					VN	1.09	0.00063	PASS
					VH	-0.97	-0.00056	PASS
			HCH	TN	VL	-1.96	-0.00112	PASS
					VN	0.13	0.00007	PASS
					VH	-1.77	-0.00101	PASS
		10	LCH	TN	VL	-2.13	-0.00124	PASS
					VN	-3.15	-0.00184	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				TN	VH	-5.49	-0.0032	PASS
					VL	2.25	0.0013	PASS
					VN	-1.60	-0.00092	PASS
					VH	-1.92	-0.00111	PASS
			HCH	TN	VL	-0.76	-0.00043	PASS
					VN	-0.99	-0.00057	PASS
					VH	-2.65	-0.00151	PASS
			15	LCH	VL	-2.25	-0.00131	PASS
					VN	-0.34	-0.0002	PASS
					VH	-2.93	-0.00171	PASS
				MCH	VL	-0.49	-0.00028	PASS
					VN	0.26	0.00015	PASS
					VH	0.27	0.00016	PASS
			HCH	TN	VL	0.09	0.00005	PASS
					VN	1.80	0.00103	PASS
					VH	1.87	0.00107	PASS
		20	LCH	TN	VL	-2.07	-0.0012	PASS
					VN	-15.32	-0.00891	PASS
					VH	-2.12	-0.00123	PASS
			MCH	TN	VL	-10.63	-0.00614	PASS
					VN	-9.68	-0.00559	PASS
					VH	-6.12	-0.00353	PASS
			HCH	TN	VL	-13.49	-0.00773	PASS
					VN	-9.94	-0.0057	PASS
					VH	-14.91	-0.00854	PASS
	LTE/TM2	1.4	LCH	TN	VL	-1.27	-0.00074	PASS
					VN	-1.17	-0.00068	PASS
					VH	-13.15	-0.00769	PASS
			MCH	TN	VL	-0.51	-0.00029	PASS
					VN	4.65	0.00268	PASS
					VH	0.00	0	PASS
			HCH	TN	VL	-3.58	-0.00204	PASS
					VN	0.19	0.00011	PASS
					VH	2.69	0.00153	PASS
		3	LCH	TN	VL	-0.57	-0.00033	PASS
					VN	-1.10	-0.00064	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	1.30	0.00076	PASS
					VL	0.39	0.00023	PASS
					VN	-0.33	-0.00019	PASS
					VH	0.43	0.00025	PASS
					VL	-2.36	-0.00135	PASS
					VN	-1.53	-0.00087	PASS
		5			VH	1.24	0.00071	PASS
					VL	-2.88	-0.00168	PASS
					VN	-4.68	-0.00273	PASS
					VH	-4.21	-0.00246	PASS
					VL	0.83	0.00048	PASS
					VN	1.40	0.00081	PASS
					VH	1.90	0.0011	PASS
					VL	0.66	0.00038	PASS
					VN	0.84	0.00048	PASS
					VH	0.50	0.00029	PASS
		10			VL	-1.93	-0.00113	PASS
					VN	-4.49	-0.00262	PASS
					VH	-1.46	-0.00085	PASS
					VL	-0.63	-0.00036	PASS
					VN	2.47	0.00143	PASS
					VH	-0.31	-0.00018	PASS
					VL	-176.83	-0.10105	PASS
					VN	-171.68	-0.0981	PASS
					VH	-219.18	-0.12525	PASS
		15			VL	-2.06	-0.0012	PASS
					VN	-1.67	-0.00097	PASS
					VH	-1.43	-0.00083	PASS
					VL	0.83	0.00048	PASS
					VN	1.06	0.00061	PASS
					VH	0.09	0.00005	PASS
					VL	-0.40	-0.00023	PASS
					VN	2.56	0.00146	PASS
					VH	1.29	0.00074	PASS
		20			VL	-2.83	-0.00165	PASS
					VN	-11.70	-0.0068	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	TN	VH	-10.09	-0.00587	PASS
					VL	-1.52	-0.00087	PASS
					VN	-9.21	-0.00532	PASS
					VH	-9.28	-0.00536	PASS
			HCH	TN	VL	-15.29	-0.00876	PASS
					VN	-15.65	-0.00897	PASS
					VH	-17.75	-0.01017	PASS

7.1.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND4	LTE/TM1	1.4	LCH	VN	-30	-2.57	-0.0015	PASS
					-20	4.39	0.00257	PASS
					-10	-11.23	-0.00656	PASS
					0	-2.82	-0.00165	PASS
					10	2.99	0.00175	PASS
					20	-7.45	-0.00435	PASS
					30	-0.63	-0.00037	PASS
					40	-1.92	-0.00112	PASS
					50	-8.55	-0.005	PASS
			MCH	VN	-30	-4.01	-0.00231	PASS
					-20	-1.62	-0.00094	PASS
					-10	2.35	0.00136	PASS
					0	4.79	0.00276	PASS
					10	-20.94	-0.01209	PASS
					20	-7.67	-0.00443	PASS
					30	-9.87	-0.0057	PASS
					40	-5.18	-0.00299	PASS
					50	0.16	0.00009	PASS
			HCH	VN	-30	-6.41	-0.00365	PASS
					-20	2.86	0.00163	PASS
					-10	-0.57	-0.00032	PASS
					0	4.46	0.00254	PASS
					10	-3.39	-0.00193	PASS
					20	-6.57	-0.00375	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-1.72	-0.00098	PASS
					40	-0.43	-0.00025	PASS
					50	-1.82	-0.00104	PASS
		3	LCH	VN	-30	1.67	0.00098	PASS
					-20	1.33	0.00078	PASS
					-10	-6.22	-0.00363	PASS
					0	1.13	0.00066	PASS
					10	-0.84	-0.00049	PASS
					20	-3.15	-0.00184	PASS
					30	-3.93	-0.0023	PASS
					40	1.57	0.00092	PASS
					50	4.61	0.00269	PASS
			MCH	VN	-30	2.23	0.00129	PASS
					-20	-0.20	-0.00012	PASS
					-10	-5.11	-0.00295	PASS
					0	-0.20	-0.00012	PASS
					10	0.82	0.00047	PASS
					20	1.36	0.00078	PASS
					30	1.33	0.00077	PASS
					40	-4.78	-0.00276	PASS
					50	-2.85	-0.00165	PASS
			HCH	VN	-30	-0.89	-0.00051	PASS
					-20	-2.70	-0.00154	PASS
					-10	-0.54	-0.00031	PASS
					0	-2.83	-0.00161	PASS
					10	-7.07	-0.00403	PASS
					20	2.65	0.00151	PASS
					30	-2.20	-0.00125	PASS
					40	0.34	0.00019	PASS
					50	0.47	0.00027	PASS
		5	LCH	VN	-30	-3.76	-0.0022	PASS
					-20	-5.06	-0.00295	PASS
					-10	-3.63	-0.00212	PASS
					0	-3.91	-0.00228	PASS
					10	-2.15	-0.00126	PASS
					20	-0.74	-0.00043	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-4.81	-0.00281	PASS
					40	-2.40	-0.0014	PASS
					50	-0.37	-0.00022	PASS
			MCH	VN	-30	-1.39	-0.0008	PASS
					-20	-0.74	-0.00043	PASS
					-10	0.82	0.00047	PASS
					0	0.49	0.00028	PASS
					10	-0.44	-0.00025	PASS
					20	1.39	0.0008	PASS
					30	0.74	0.00043	PASS
					40	-2.69	-0.00155	PASS
					50	-2.23	-0.00129	PASS
			HCH	VN	-30	-0.83	-0.00047	PASS
					-20	-3.55	-0.00203	PASS
					-10	-3.63	-0.00207	PASS
					0	-3.72	-0.00212	PASS
					10	-0.07	-0.00004	PASS
					20	0.14	0.00008	PASS
					30	0.16	0.00009	PASS
					40	-0.07	-0.00004	PASS
					50	1.03	0.00059	PASS
		10	LCH	VN	-30	-2.27	-0.00132	PASS
					-20	-1.86	-0.00108	PASS
					-10	-2.03	-0.00118	PASS
					0	-1.10	-0.00064	PASS
					10	-3.89	-0.00227	PASS
					20	-0.97	-0.00057	PASS
					30	-3.15	-0.00184	PASS
					40	1.86	0.00108	PASS
					50	2.26	0.00132	PASS
			MCH	VN	-30	0.26	0.00015	PASS
					-20	2.06	0.00119	PASS
					-10	0.26	0.00015	PASS
					0	-1.83	-0.00106	PASS
					10	0.77	0.00044	PASS
					20	0.77	0.00044	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	2.27	0.00131	PASS
					40	0.21	0.00012	PASS
					50	-0.49	-0.00028	PASS
			HCH	VN	-30	-0.14	-0.00008	PASS
					-20	-2.25	-0.00129	PASS
					-10	2.46	0.00141	PASS
					0	-1.43	-0.00082	PASS
					10	-0.60	-0.00034	PASS
					20	0.40	0.00023	PASS
					30	-1.73	-0.00099	PASS
					40	0.33	0.00019	PASS
					50	-2.16	-0.00123	PASS
		15	LCH	VN	-30	-0.33	-0.00019	PASS
					-20	-3.68	-0.00214	PASS
					-10	-0.96	-0.00056	PASS
					0	-0.56	-0.00033	PASS
					10	-2.07	-0.00121	PASS
					20	-0.04	-0.00002	PASS
					30	-2.09	-0.00122	PASS
					40	-1.07	-0.00062	PASS
					50	-0.66	-0.00038	PASS
			MCH	VN	-30	-0.23	-0.00013	PASS
					-20	0.76	0.00044	PASS
					-10	-0.03	-0.00002	PASS
					0	0.90	0.00052	PASS
					10	0.82	0.00047	PASS
					20	1.65	0.00095	PASS
					30	1.26	0.00073	PASS
					40	1.39	0.0008	PASS
					50	3.76	0.00217	PASS
			HCH	VN	-30	0.10	0.00006	PASS
					-20	3.13	0.00179	PASS
					-10	1.99	0.00114	PASS
					0	1.63	0.00093	PASS
					10	1.53	0.00088	PASS
					20	1.80	0.00103	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	2.62	0.0015	PASS
					40	1.52	0.00087	PASS
					50	2.06	0.00118	PASS
		20	LCH	VN	-30	-1.96	-0.00114	PASS
					-20	-12.36	-0.00719	PASS
					-10	-11.30	-0.00657	PASS
					0	-9.87	-0.00574	PASS
					10	-5.74	-0.00334	PASS
					20	-3.81	-0.00222	PASS
					30	-5.19	-0.00302	PASS
					40	-3.48	-0.00202	PASS
					50	-3.79	-0.0022	PASS
			MCH	VN	-30	-7.65	-0.00442	PASS
					-20	-6.61	-0.00382	PASS
					-10	-6.05	-0.00349	PASS
					0	-4.68	-0.0027	PASS
					10	-2.90	-0.00167	PASS
					20	-2.52	-0.00145	PASS
					30	-2.60	-0.0015	PASS
					40	-1.16	-0.00067	PASS
					50	-1.77	-0.00102	PASS
			HCH	VN	-30	-1.50	-0.00086	PASS
					-20	0.59	0.00034	PASS
					-10	-0.44	-0.00025	PASS
					0	0.00	0	PASS
					10	-0.92	-0.00053	PASS
					20	0.69	0.0004	PASS
					30	0.90	0.00052	PASS
					40	0.04	0.00002	PASS
					50	0.26	0.00015	PASS
	LTE/TM2	1.4	LCH	VN	-30	2.85	0.00167	PASS
					-20	-2.76	-0.00161	PASS
					-10	-1.33	-0.00078	PASS
					0	-9.63	-0.00563	PASS
					10	-1.90	-0.00111	PASS
					20	0.56	0.00033	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	1.02	0.0006	PASS
					40	-5.08	-0.00297	PASS
					50	3.73	0.00218	PASS
			MCH	VN	-30	1.79	0.00103	PASS
					-20	-1.50	-0.00087	PASS
					-10	-3.40	-0.00196	PASS
					0	-7.61	-0.00439	PASS
					10	4.23	0.00244	PASS
					20	-15.34	-0.00885	PASS
					30	-3.26	-0.00188	PASS
					40	-1.20	-0.00069	PASS
					50	-1.09	-0.00063	PASS
			HCH	VN	-30	0.06	0.00003	PASS
					-20	2.39	0.00136	PASS
					-10	2.46	0.0014	PASS
					0	-2.88	-0.00164	PASS
					10	1.22	0.0007	PASS
					20	1.36	0.00078	PASS
					30	1.76	0.001	PASS
					40	-0.67	-0.00038	PASS
					50	-0.44	-0.00025	PASS
		3	LCH	VN	-30	0.20	0.00012	PASS
					-20	0.29	0.00017	PASS
					-10	4.32	0.00252	PASS
					0	0.64	0.00037	PASS
					10	-1.93	-0.00113	PASS
					20	0.41	0.00024	PASS
					30	6.05	0.00353	PASS
					40	3.09	0.00181	PASS
					50	0.82	0.00048	PASS
			MCH	VN	-30	-0.41	-0.00024	PASS
					-20	-0.29	-0.00017	PASS
					-10	1.90	0.0011	PASS
					0	-2.47	-0.00143	PASS
					10	-1.04	-0.0006	PASS
					20	0.10	0.00006	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	6.24	0.0036	PASS
					40	0.33	0.00019	PASS
					50	-0.49	-0.00028	PASS
			HCH	VN	-30	-1.06	-0.0006	PASS
					-20	0.29	0.00017	PASS
					-10	-1.20	-0.00068	PASS
					0	0.49	0.00028	PASS
					10	-6.44	-0.00367	PASS
					20	4.51	0.00257	PASS
					30	4.66	0.00266	PASS
					40	1.32	0.00075	PASS
					50	-1.19	-0.00068	PASS
		5	LCH	VN	-30	-4.92	-0.00287	PASS
					-20	-3.88	-0.00227	PASS
					-10	-4.23	-0.00247	PASS
					0	-4.91	-0.00287	PASS
					10	-8.51	-0.00497	PASS
					20	-2.63	-0.00154	PASS
					30	-4.12	-0.00241	PASS
					40	-2.70	-0.00158	PASS
					50	-5.15	-0.00301	PASS
			MCH	VN	-30	-1.83	-0.00106	PASS
					-20	-0.47	-0.00027	PASS
					-10	-2.85	-0.00165	PASS
					0	0.59	0.00034	PASS
					10	1.49	0.00086	PASS
					20	-0.29	-0.00017	PASS
					30	4.15	0.0024	PASS
					40	-1.06	-0.00061	PASS
					50	-0.14	-0.00008	PASS
			HCH	VN	-30	2.43	0.00139	PASS
					-20	-1.66	-0.00095	PASS
					-10	-1.57	-0.0009	PASS
					0	-1.56	-0.00089	PASS
					10	-0.44	-0.00025	PASS
					20	-0.56	-0.00032	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	1.27	0.00072	PASS
					40	1.75	0.001	PASS
					50	0.41	0.00023	PASS
		10	LCH	VN	-30	-2.43	-0.00142	PASS
					-20	-1.97	-0.00115	PASS
					-10	-2.68	-0.00156	PASS
					0	-1.99	-0.00116	PASS
					10	-2.53	-0.00148	PASS
					20	-1.65	-0.00096	PASS
					30	-0.30	-0.00017	PASS
					40	-1.09	-0.00064	PASS
					50	-3.05	-0.00178	PASS
			MCH	VN	-30	-0.39	-0.00023	PASS
					-20	1.70	0.00098	PASS
					-10	0.01	0.00001	PASS
					0	0.49	0.00028	PASS
					10	-1.34	-0.00077	PASS
					20	-0.09	-0.00005	PASS
					30	0.60	0.00035	PASS
					40	1.23	0.00071	PASS
					50	0.90	0.00052	PASS
			HCH	VN	-30	1.43	0.00082	PASS
					-20	0.29	0.00017	PASS
					-10	-1.47	-0.00084	PASS
					0	0.24	0.00014	PASS
					10	-0.10	-0.00006	PASS
					20	-4.45	-0.00254	PASS
					30	0.50	0.00029	PASS
					40	-3.25	-0.00186	PASS
					50	0.79	0.00045	PASS
		15	LCH	VN	-30	-1.33	-0.00077	PASS
					-20	-0.33	-0.00019	PASS
					-10	-0.92	-0.00054	PASS
					0	-2.30	-0.00134	PASS
					10	0.31	0.00018	PASS
					20	1.40	0.00082	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-0.94	-0.00055	PASS
					40	0.41	0.00024	PASS
					50	-0.96	-0.00056	PASS
			MCH	VN	-30	1.99	0.00115	PASS
					-20	2.99	0.00173	PASS
					-10	2.43	0.0014	PASS
					0	-0.21	-0.00012	PASS
					10	2.59	0.00149	PASS
					20	2.95	0.0017	PASS
					30	1.33	0.00077	PASS
					40	-1.22	-0.0007	PASS
					50	1.82	0.00105	PASS
			HCH	VN	-30	1.67	0.00096	PASS
					-20	1.40	0.0008	PASS
					-10	0.34	0.00019	PASS
					0	1.27	0.00073	PASS
					10	2.63	0.00151	PASS
					20	3.38	0.00193	PASS
					30	2.12	0.00121	PASS
					40	1.86	0.00106	PASS
					50	-0.39	-0.00022	PASS
		20	LCH	VN	-30	-1.47	-0.00085	PASS
					-20	-10.21	-0.00594	PASS
					-10	-7.54	-0.00438	PASS
					0	-5.36	-0.00312	PASS
					10	-6.95	-0.00404	PASS
					20	-5.55	-0.00323	PASS
					30	-4.76	-0.00277	PASS
					40	-4.82	-0.0028	PASS
					50	-4.33	-0.00252	PASS
			MCH	VN	-30	-5.11	-0.00295	PASS
					-20	-3.45	-0.00199	PASS
					-10	-4.08	-0.00235	PASS
					0	-2.89	-0.00167	PASS
					10	-1.13	-0.00065	PASS
					20	-3.46	-0.002	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-2.32	-0.00134	PASS
					40	-1.83	-0.00106	PASS
					50	-0.94	-0.00054	PASS
			HCH	VN	-30	-0.92	-0.00053	PASS
					-20	0.24	0.00014	PASS
					-10	0.94	0.00054	PASS
					0	-0.83	-0.00048	PASS
					10	-0.62	-0.00036	PASS
					20	0.51	0.00029	PASS
					30	-0.63	-0.00036	PASS
					40	-0.30	-0.00017	PASS
					50	0.96	0.00055	PASS

END