



### 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

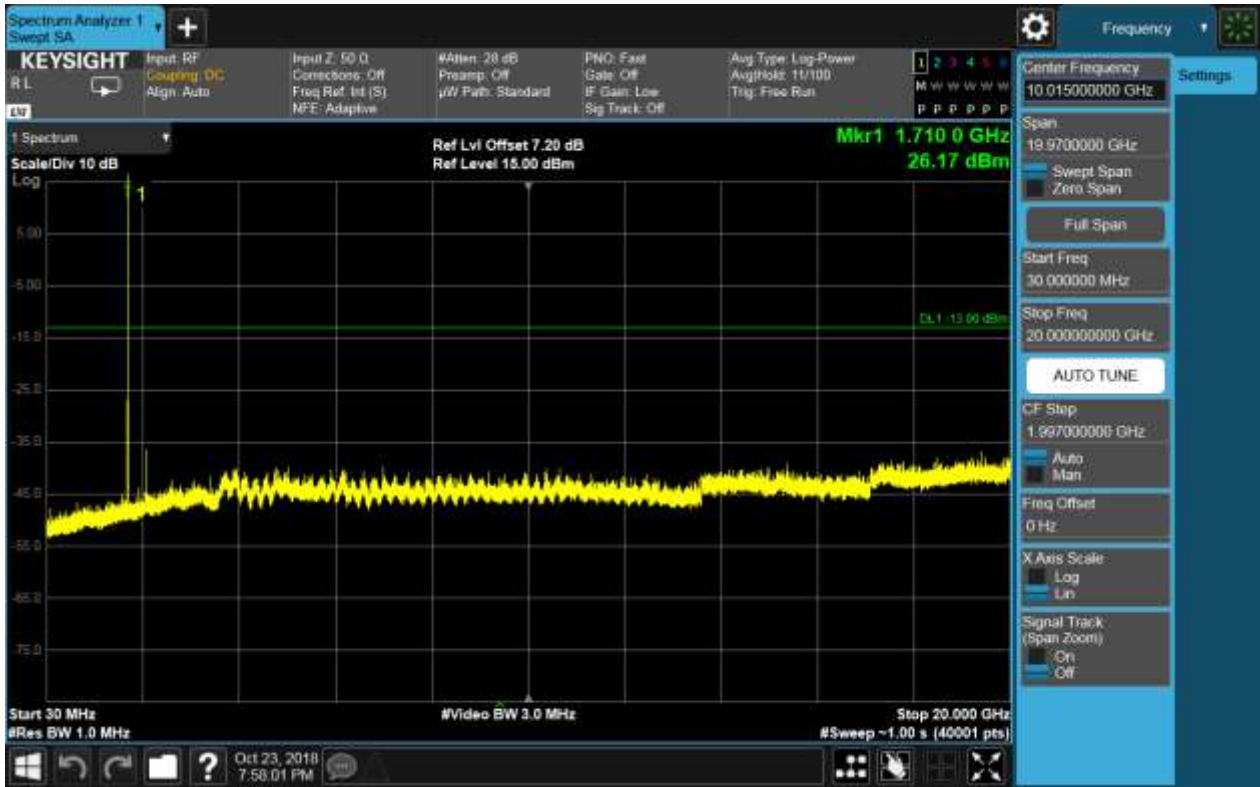
##### 6.1.1.1.1 Test Bandwidth = 1.4

##### 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











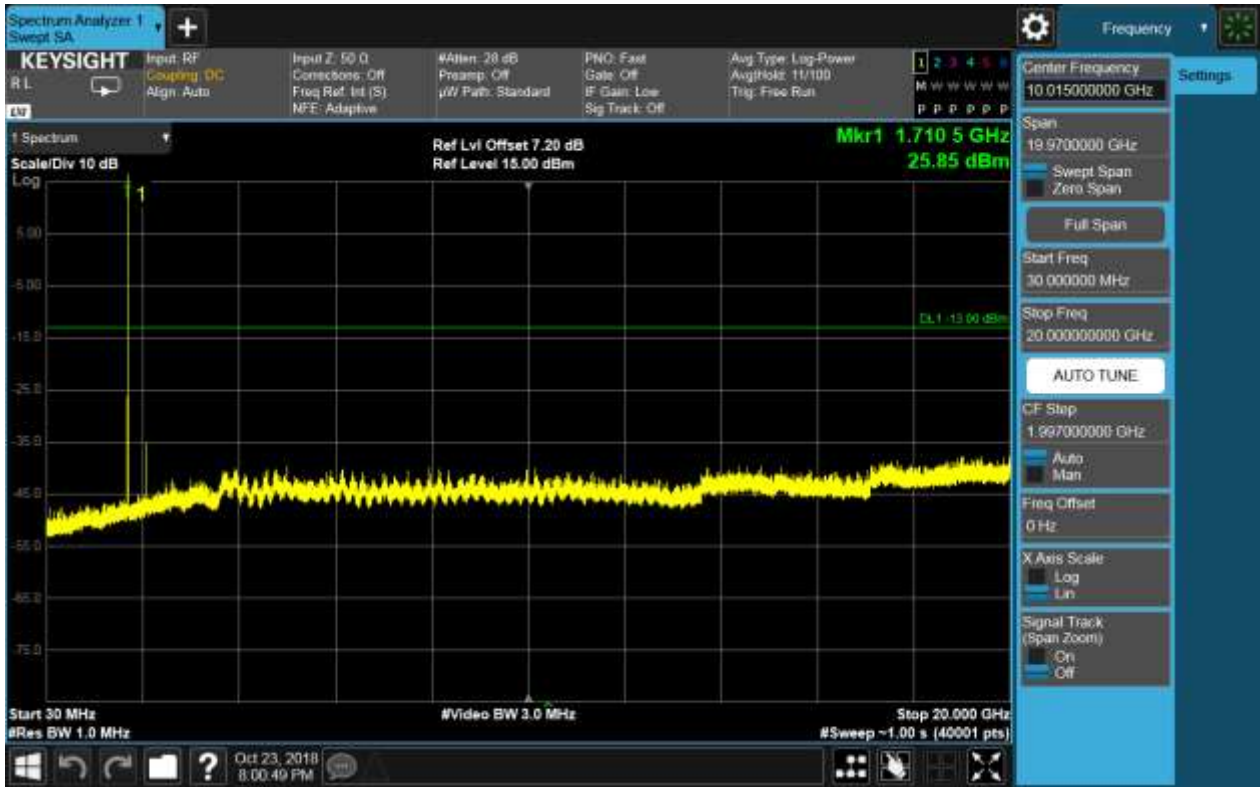
6.1.1.1.2 Test Bandwidth = 3

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







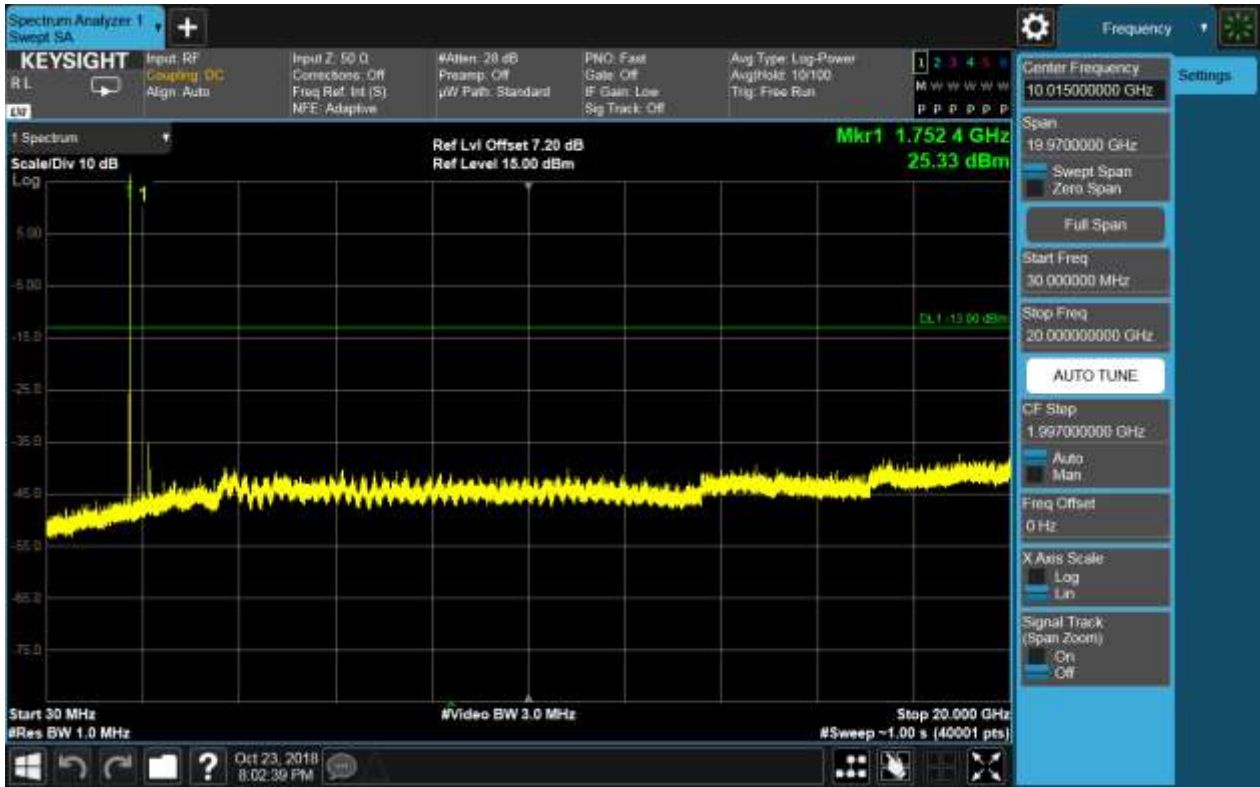
### 6.1.1.1.2.3 Test Channel = HCH

#### 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





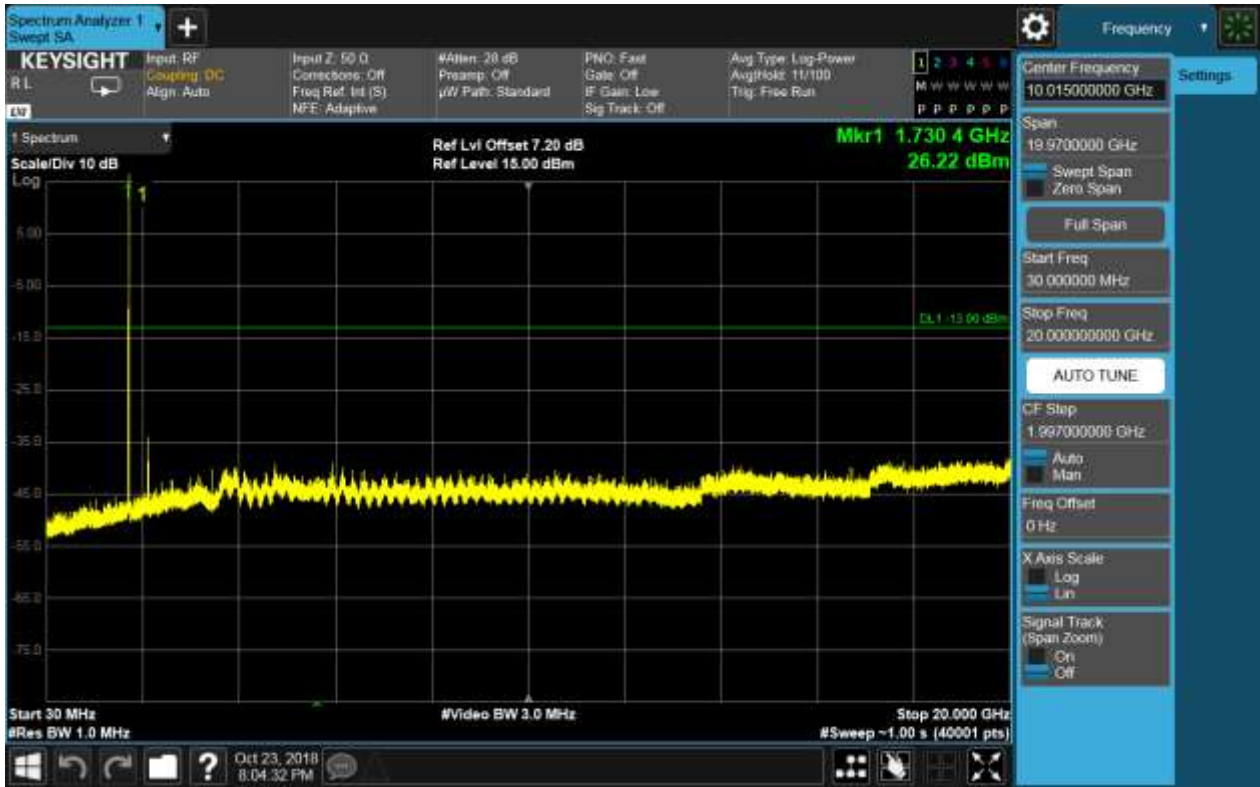


### 6.1.1.1.3.2 Test Channel = MCH

#### 6.1.1.1.3.2.1 Test RB = RB1#0







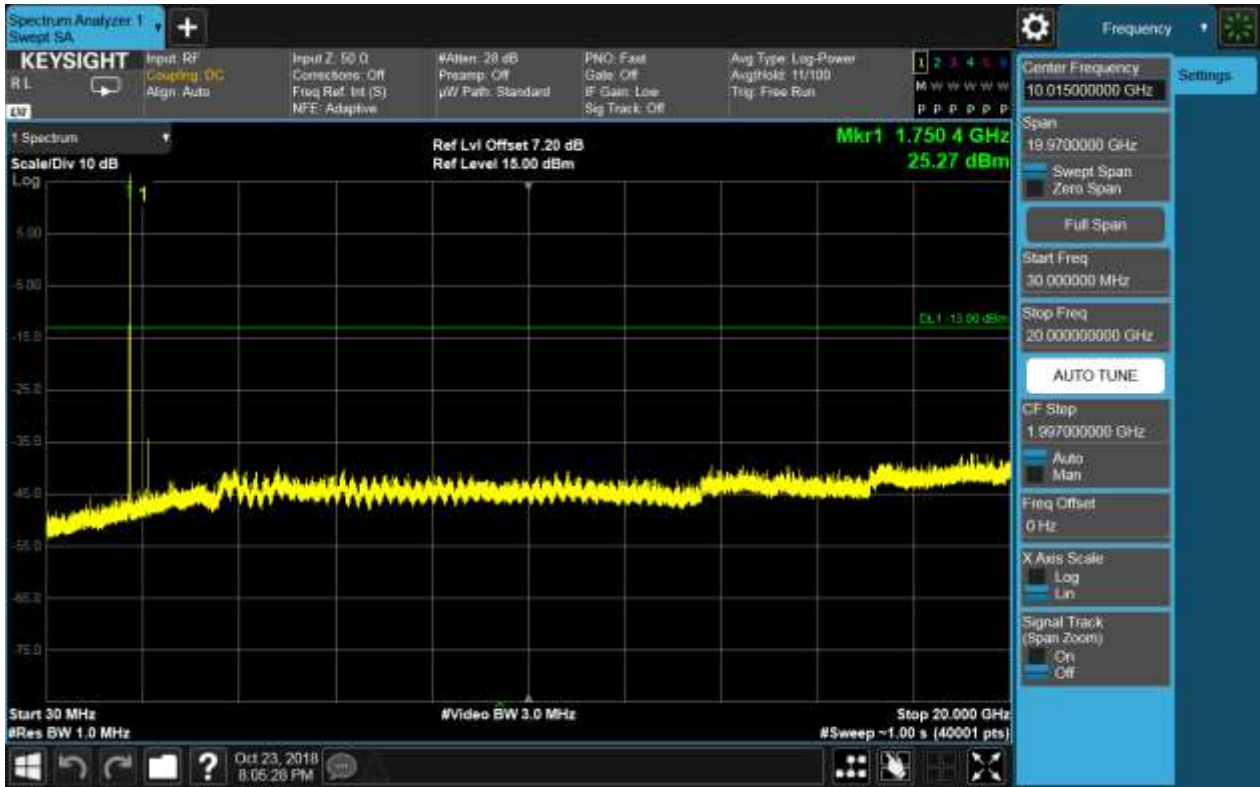


### 6.1.1.1.3.3 Test Channel = HCH

#### 6.1.1.1.3.3.1 Test RB = RB1#0









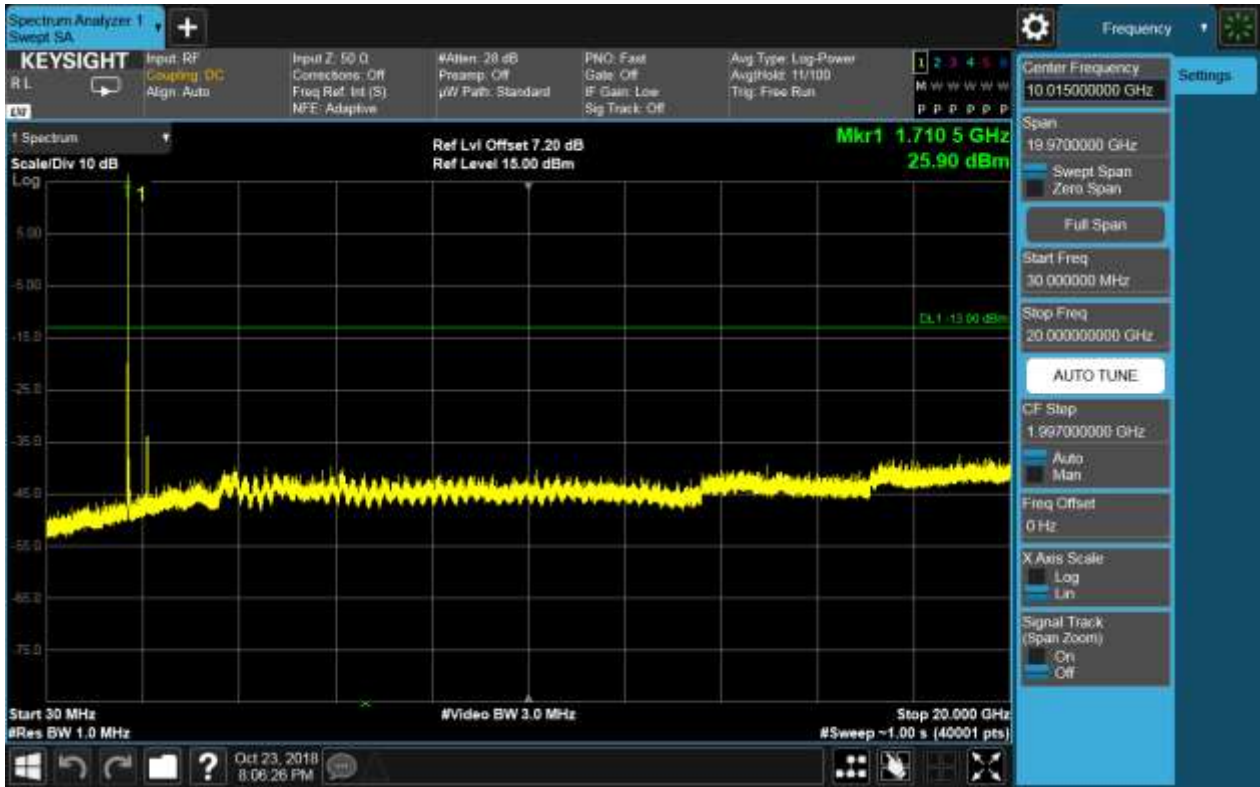
6.1.1.1.4 Test Bandwidth = 10

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







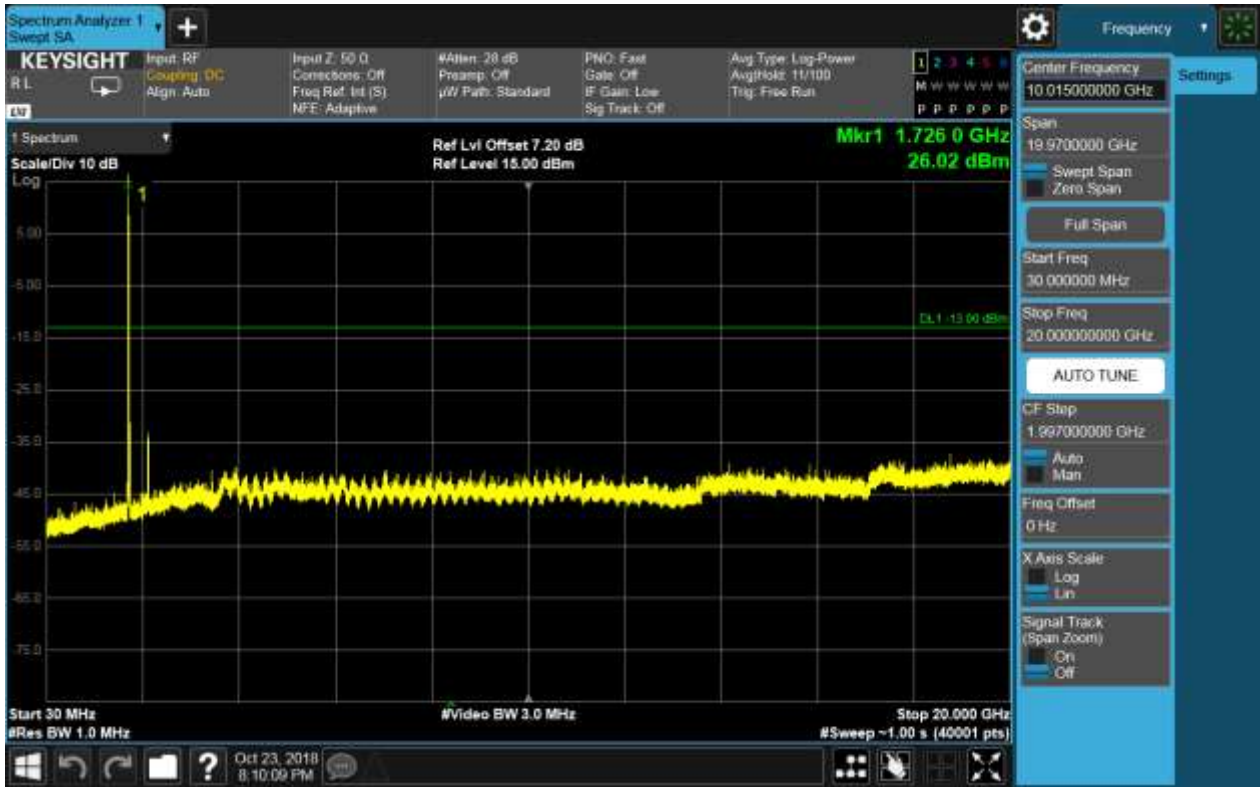
### 6.1.1.1.5.2 Test Channel = MCH

#### 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









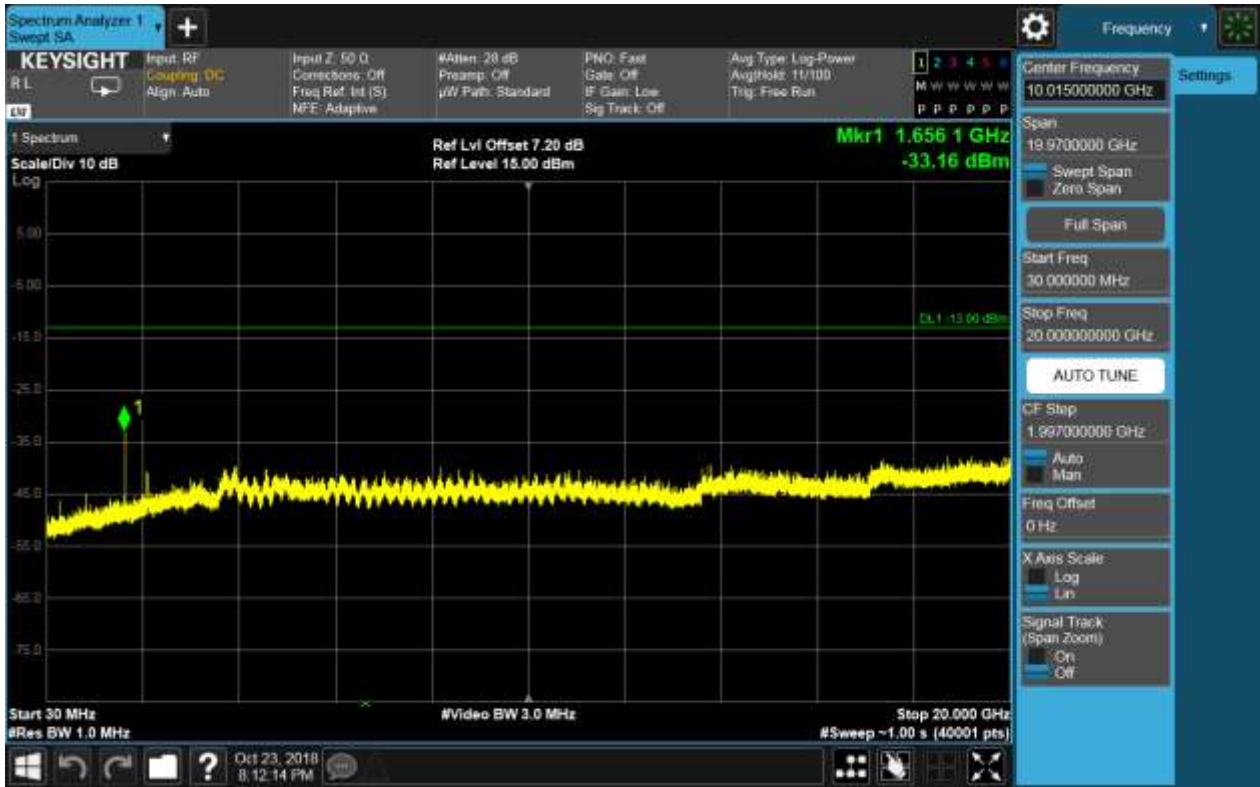
6.1.1.1.6 Test Bandwidth = 20

6.1.1.1.6.1 Test Channel = LCH

6.1.1.1.6.1.1 Test RB = RB1#0





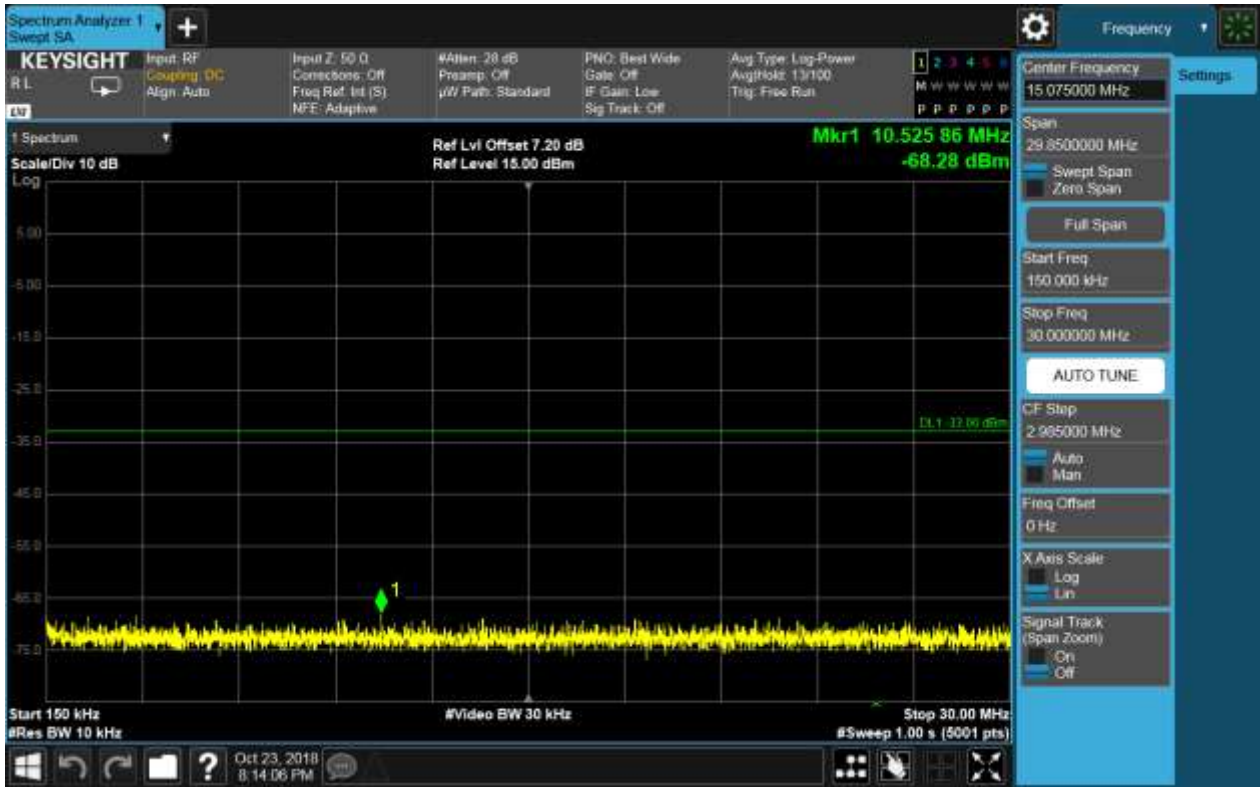




### 6.1.1.1.6.2 Test Channel = MCH

#### 6.1.1.1.6.2.1 Test RB = RB1#0



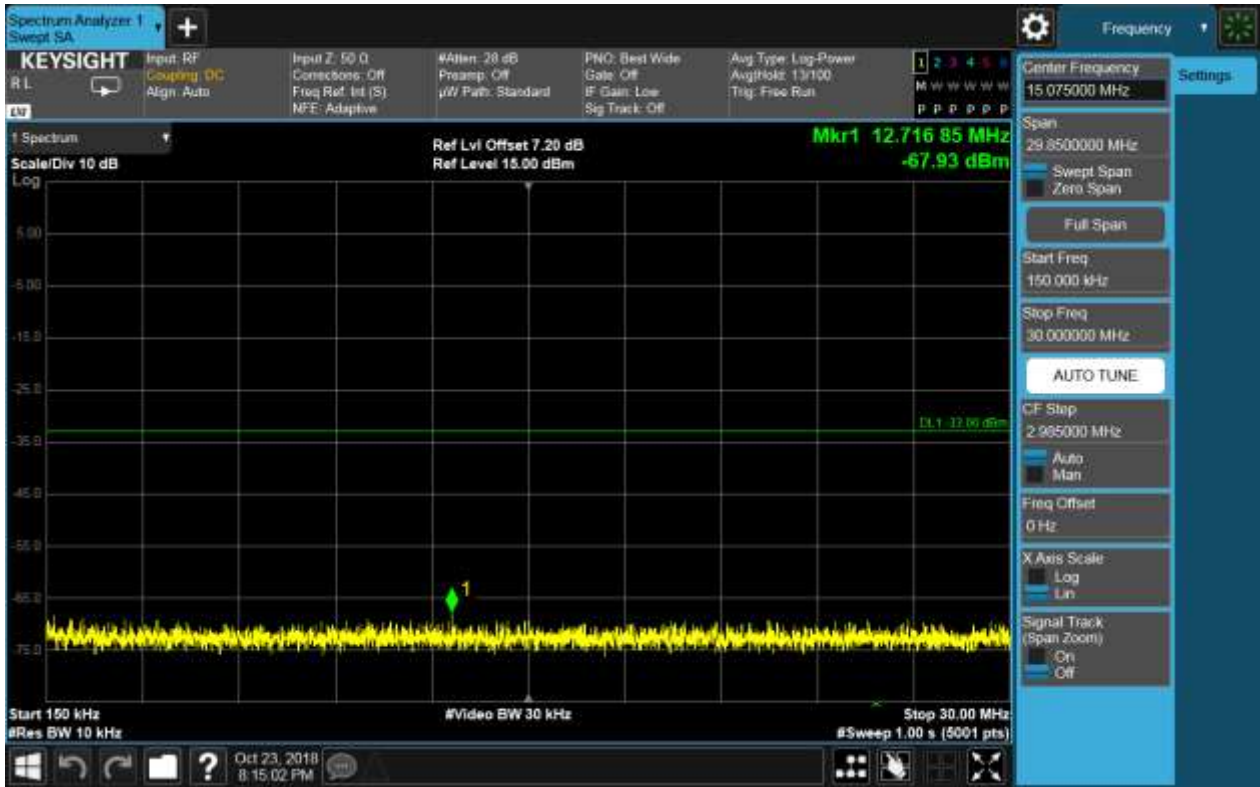




### 6.1.1.1.6.3 Test Channel = HCH

#### 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







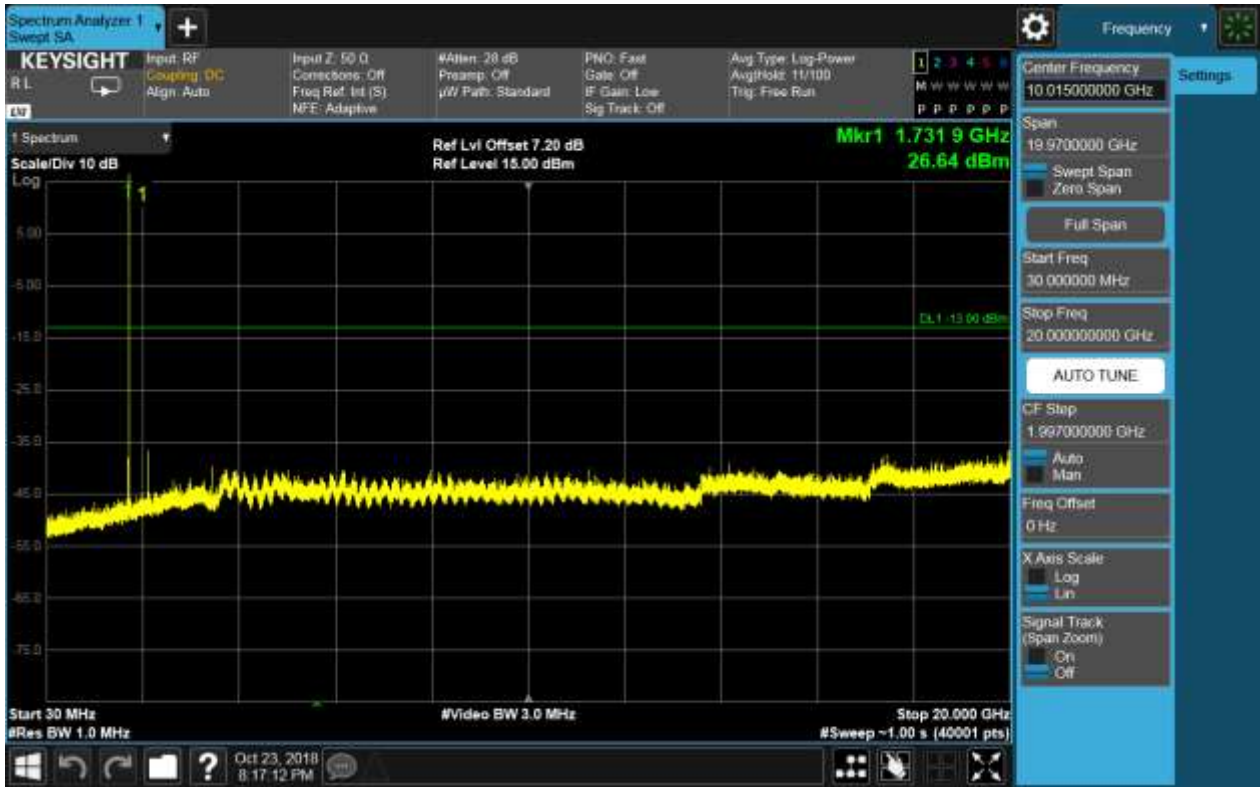


### 6.1.1.2.1.2 Test Channel = MCH

#### 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







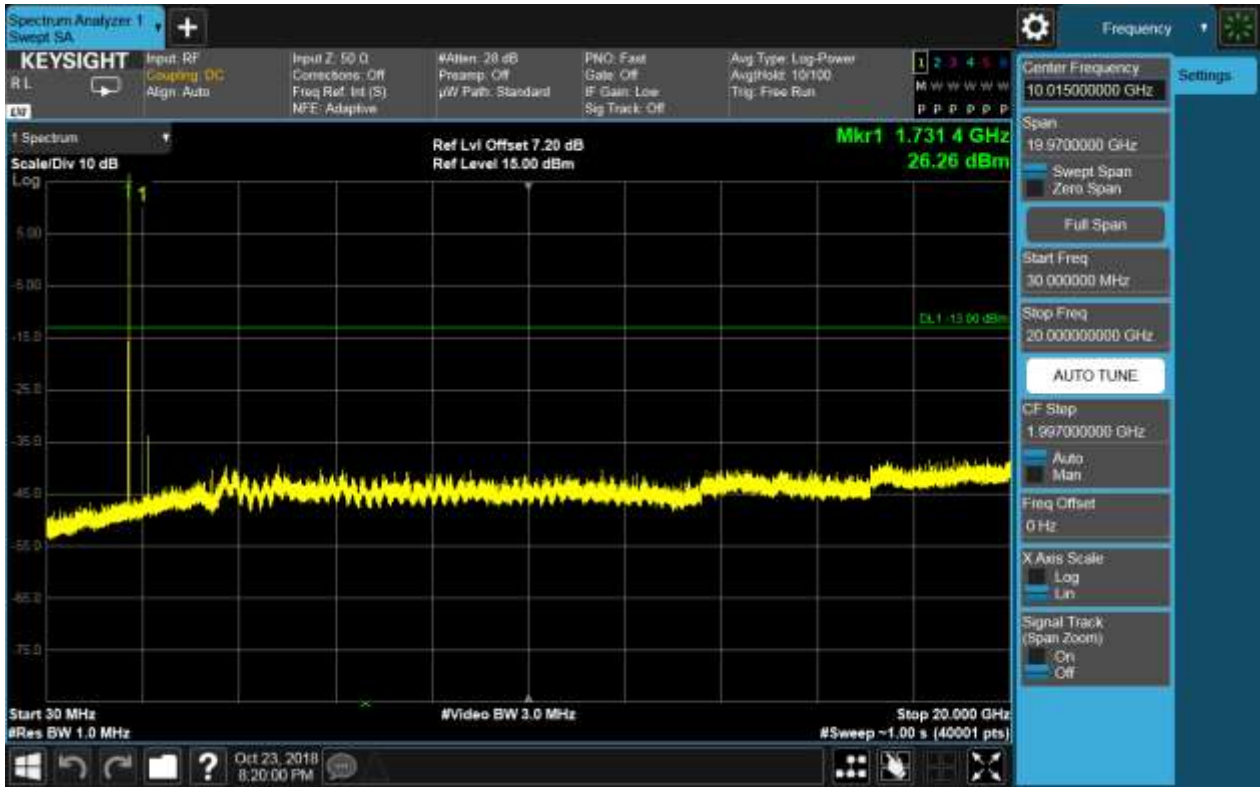


### 6.1.1.2.2 Test Channel = MCH

#### 6.1.1.2.2.1 Test RB = RB1#0





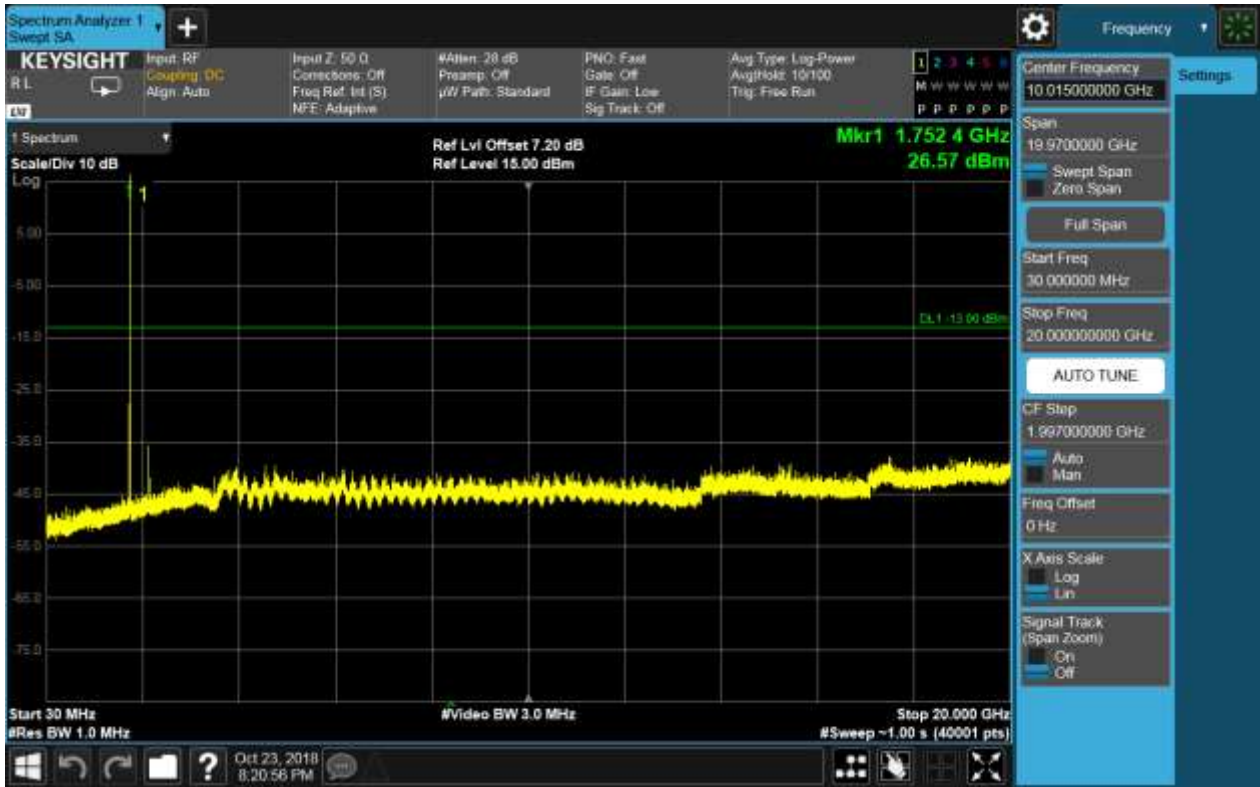


### 6.1.1.2.2.3 Test Channel = HCH

#### 6.1.1.2.2.3.1 Test RB = RB1#0











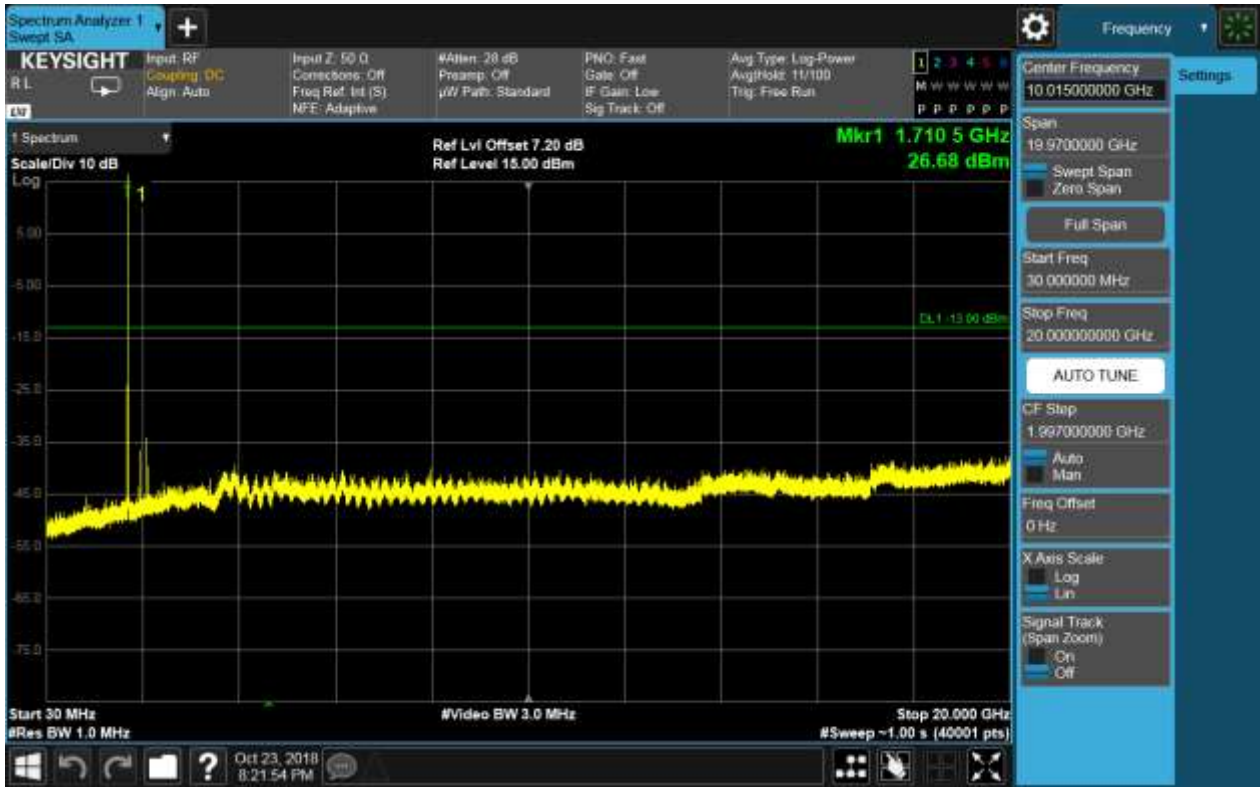
6.1.1.2.3 Test Bandwidth = 5

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0







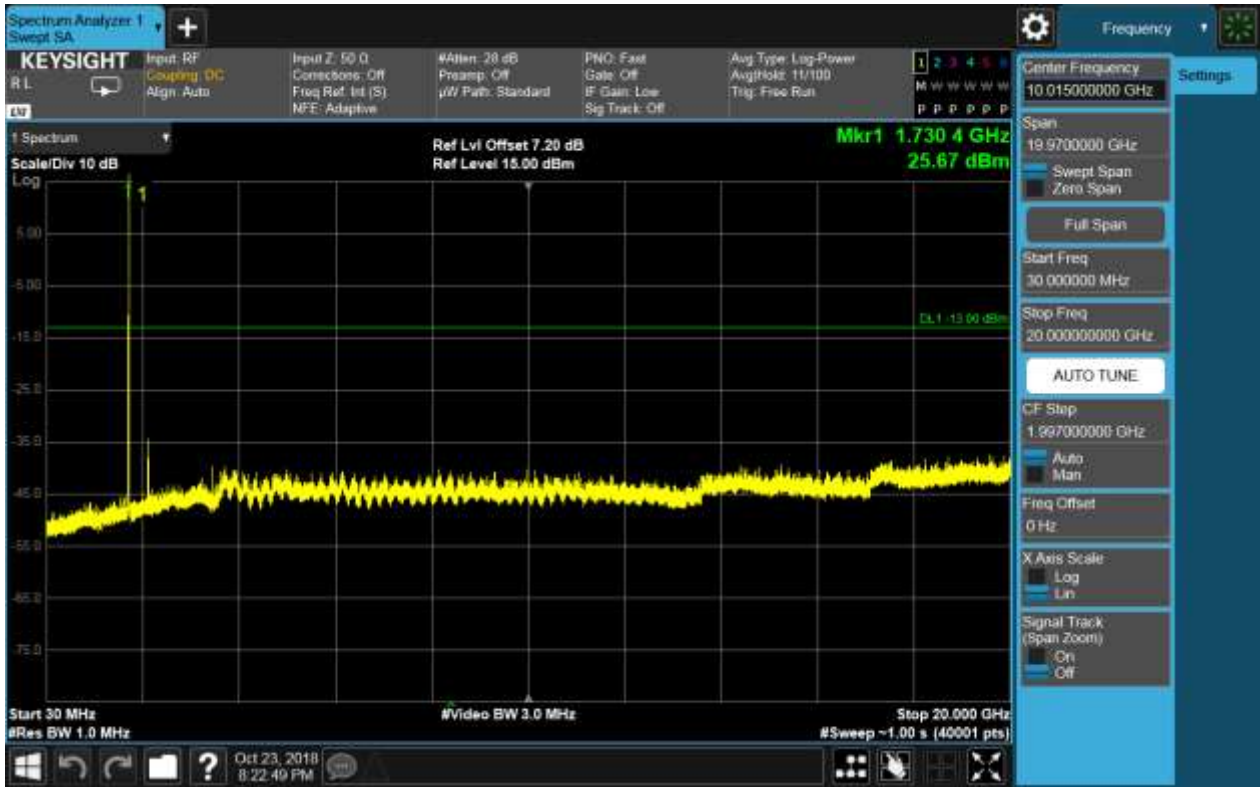


### 6.1.1.2.3.2 Test Channel = MCH

#### 6.1.1.2.3.2.1 Test RB = RB1#0







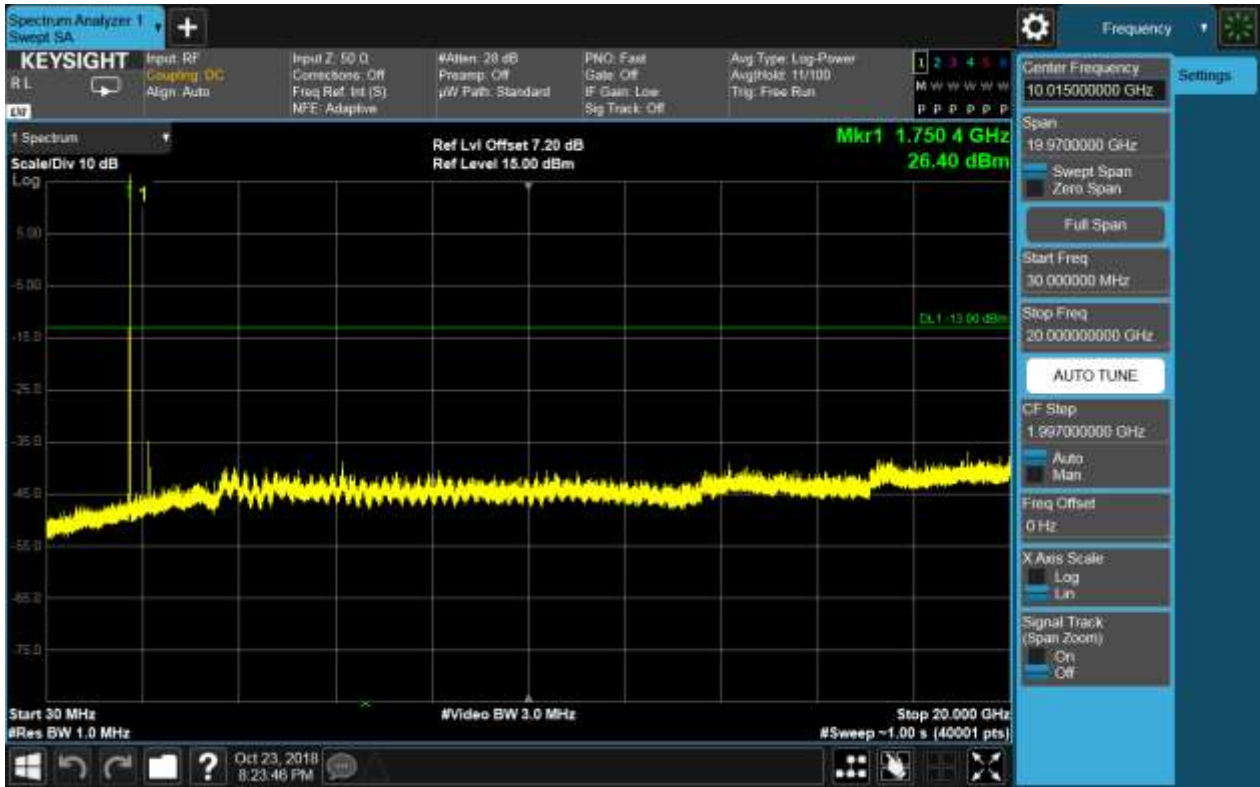
### 6.1.1.2.3.3 Test Channel = HCH

#### 6.1.1.2.3.3.1 Test RB = RB1#0











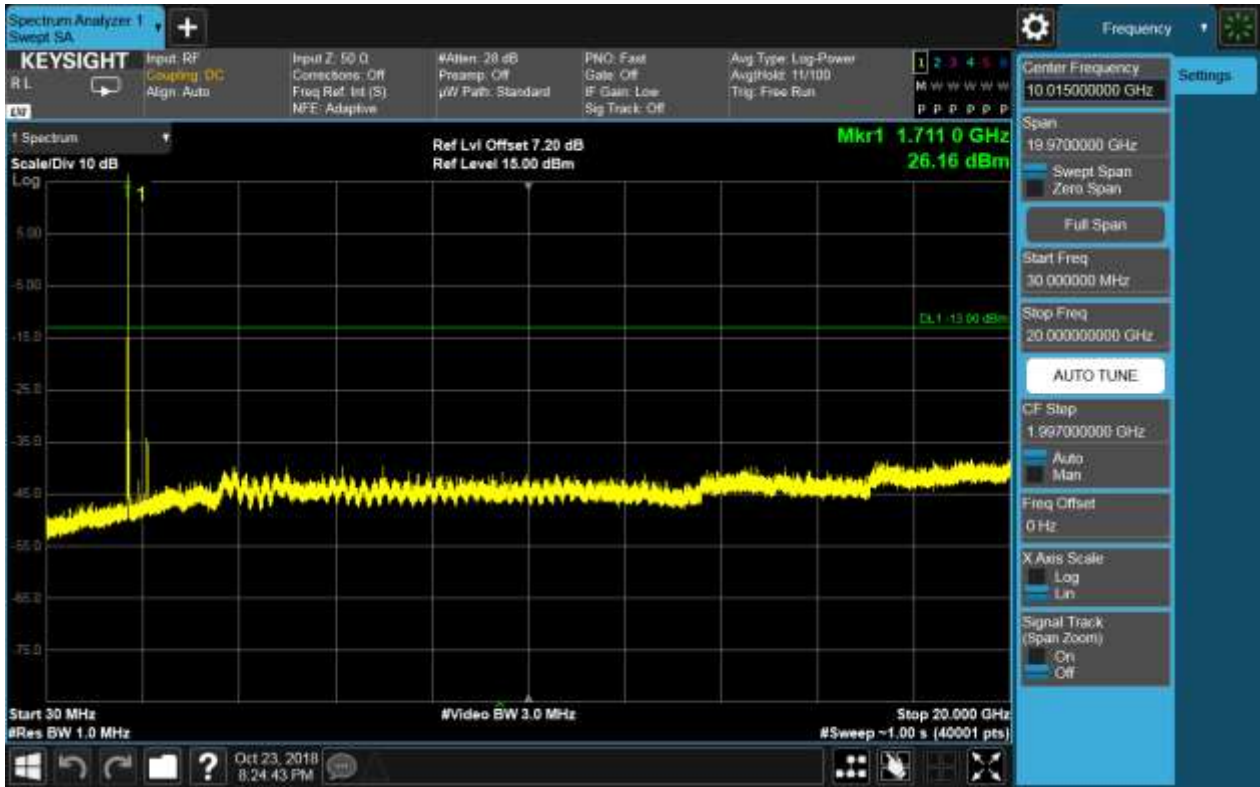
6.1.1.2.4 Test Bandwidth = 10

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0







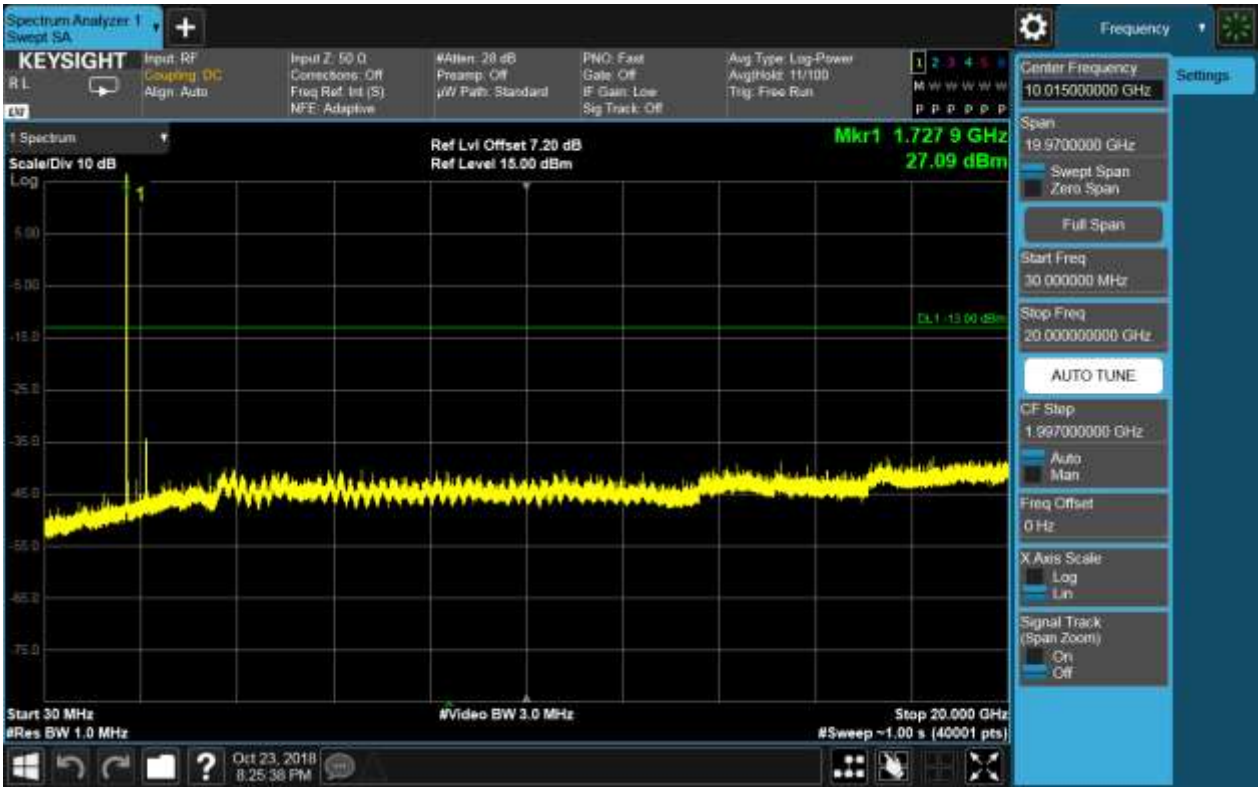


### 6.1.1.2.4.2 Test Channel = MCH

#### 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











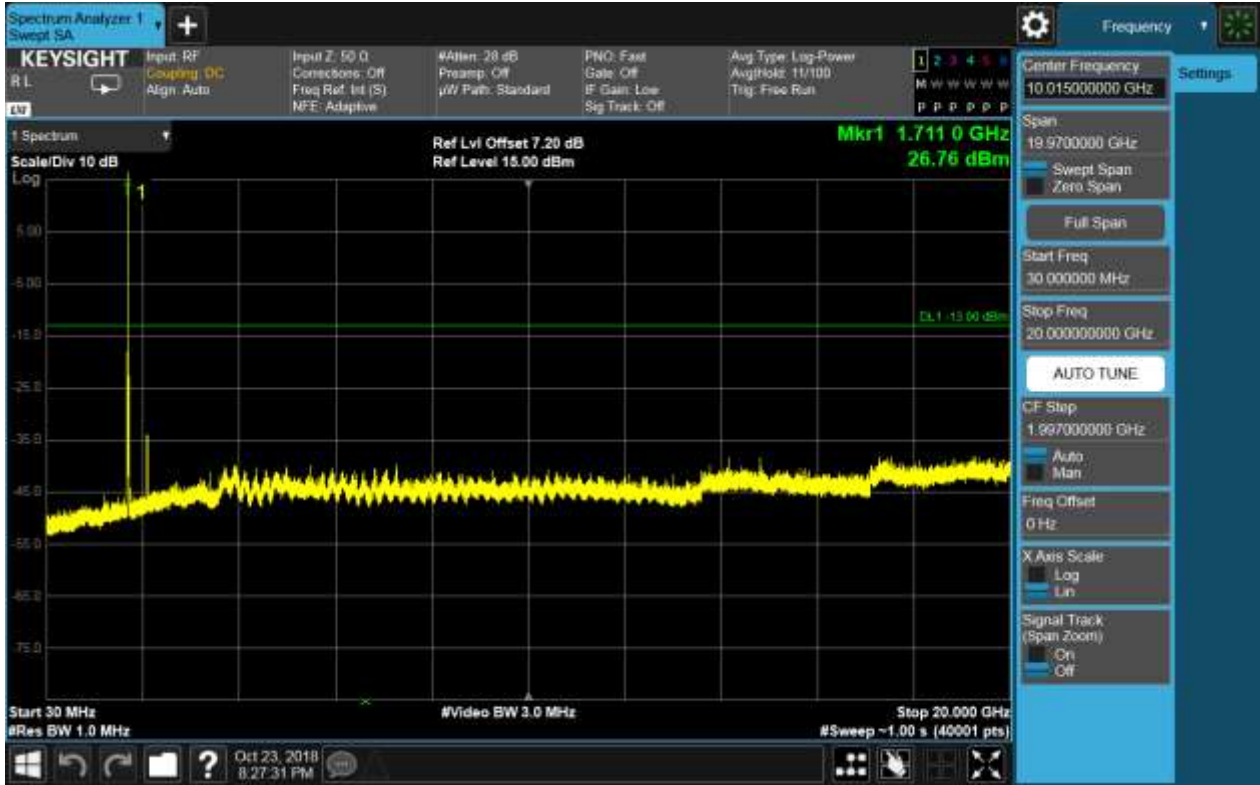
6.1.1.2.5 Test Bandwidth = 15

6.1.1.2.5.1 Test Channel = LCH

6.1.1.2.5.1.1 Test RB = RB1#0



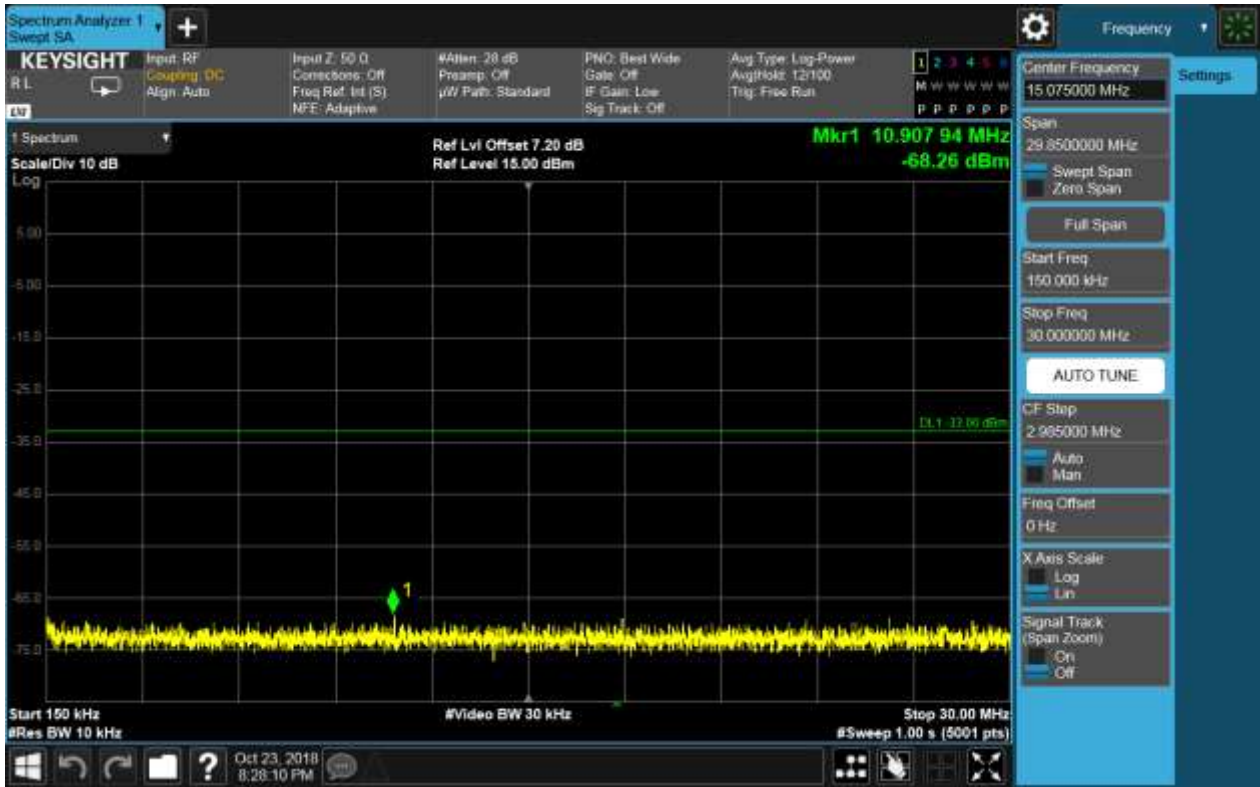


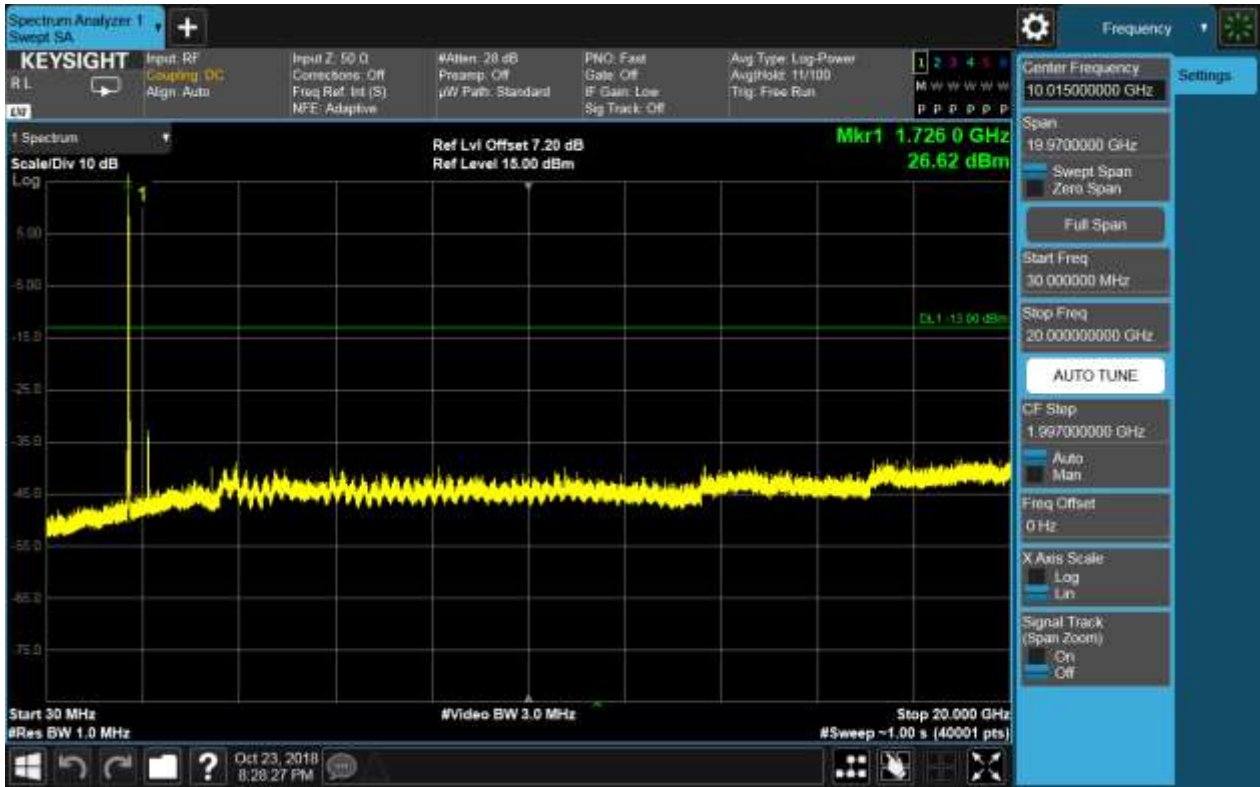


### 6.1.1.2.5.2 Test Channel = MCH

#### 6.1.1.2.5.2.1 Test RB = RB1#0







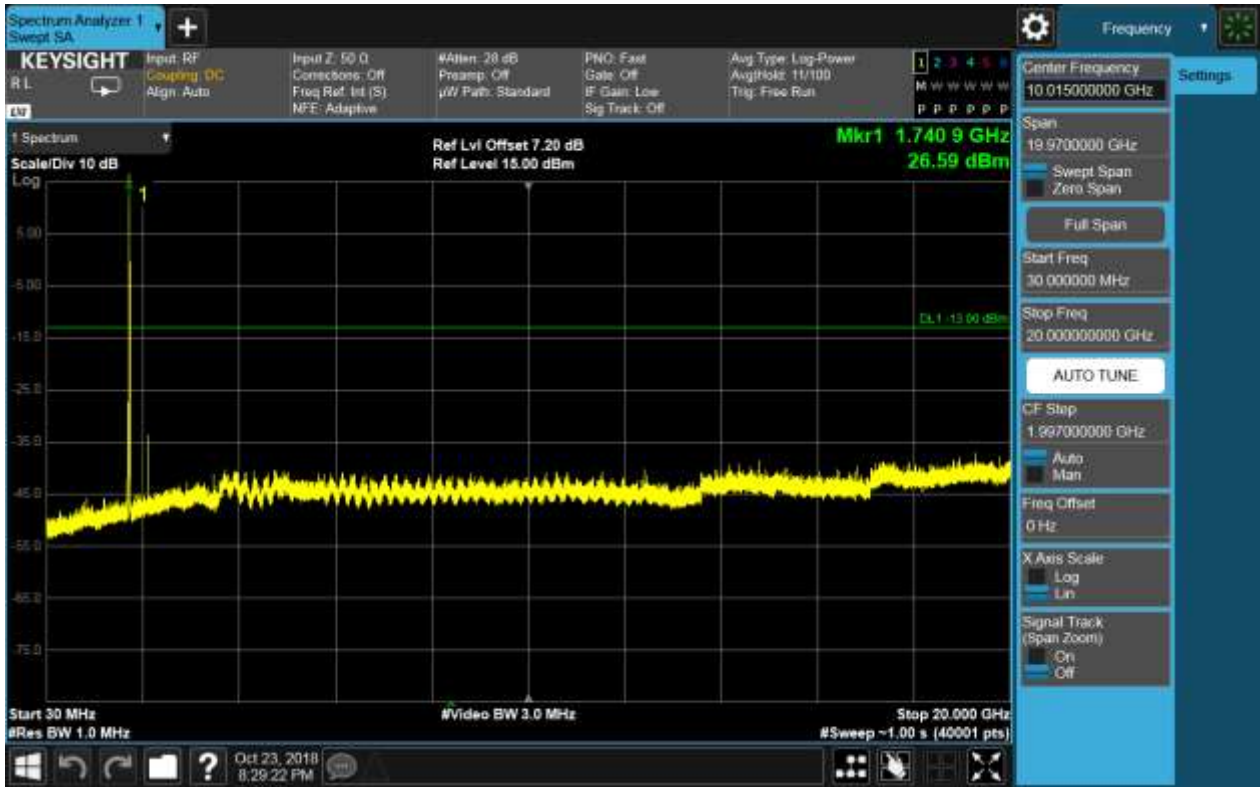


### 6.1.1.2.5.3 Test Channel = HCH

#### 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







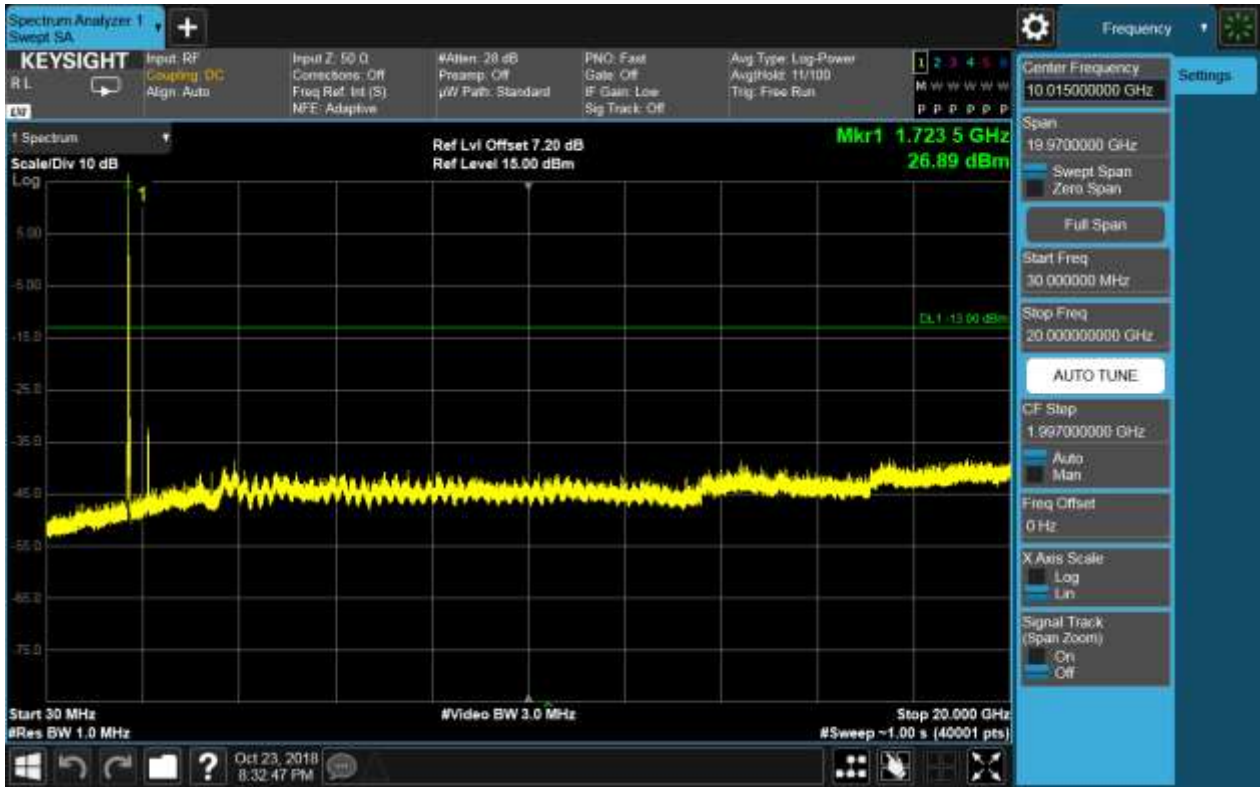
### 6.1.1.2.6.2 Test Channel = MCH

#### 6.1.1.2.6.2.1 Test RB = RB1#0







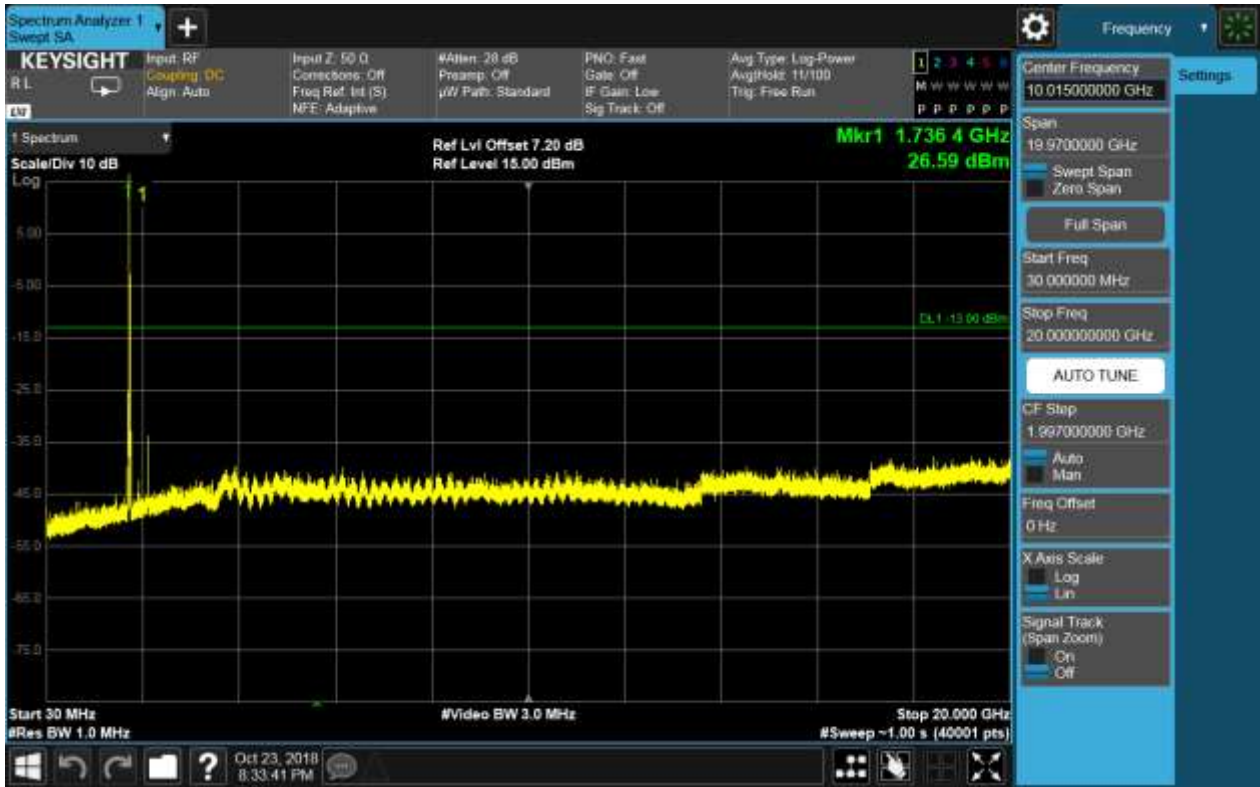


### 6.1.1.2.6.3 Test Channel = HCH

#### 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
			MCH	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
					VL	-0.76	-0.00043	PASS
					VN	-0.99	-0.00057	PASS
			HCH	TN	VH	-2.65	-0.00151	PASS
					VL	-2.25	-0.00131	PASS
					VN	-0.34	-0.0002	PASS
					VH	-2.93	-0.00171	PASS
					VL	-0.49	-0.00028	PASS
					VN	0.26	0.00015	PASS
		15	MCH	TN	VH	0.27	0.00016	PASS
					VL	0.09	0.00005	PASS
					VN	1.80	0.00103	PASS
					VH	1.87	0.00107	PASS
					VL	-2.07	-0.0012	PASS
					VN	-15.32	-0.00891	PASS
			HCH	TN	VH	-2.12	-0.00123	PASS
					VL	-10.63	-0.00614	PASS
					VN	-9.68	-0.00559	PASS
					VH	-6.12	-0.00353	PASS
					VL	-13.49	-0.00773	PASS
					VN	-9.94	-0.0057	PASS
		20	MCH	TN	VH	-14.91	-0.00854	PASS
					VL	-1.27	-0.00074	PASS
					VN	-1.17	-0.00068	PASS
					VH	-13.15	-0.00769	PASS
					VL	-0.51	-0.00029	PASS
					VN	4.65	0.00268	PASS
			HCH	TN	VH	0.00	0	PASS
					VL	-3.58	-0.00204	PASS
					VN	0.19	0.00011	PASS
					VH	2.69	0.00153	PASS
					VL	-0.57	-0.00033	PASS
					VN	-1.10	-0.00064	PASS
LTE/TM2		1.4	LCH	TN	VH	-13.15	-0.00769	PASS
					VL	-0.51	-0.00029	PASS
					VN	4.65	0.00268	PASS
					VH	0.00	0	PASS
					VL	-3.58	-0.00204	PASS
					VN	0.19	0.00011	PASS
			MCH	TN	VH	2.69	0.00153	PASS
					VL	-0.57	-0.00033	PASS
					VN	-1.10	-0.00064	PASS
					VL	-0.57	-0.00033	PASS
					VN	-1.10	-0.00064	PASS
					VH	-1.10	-0.00064	PASS
		3	LCH	TN	VH	-1.10	-0.00064	PASS
					VL	-0.57	-0.00033	PASS
					VN	-1.10	-0.00064	PASS
					VL	-0.57	-0.00033	PASS
					VN	-1.10	-0.00064	PASS
					VH	-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		
					MCH	TN	VL	0.39	0.00023	PASS
							VN	-0.33	-0.00019	PASS
			HCH	TN	VH	0.43	0.00025	PASS		
					VL	-2.36	-0.00135	PASS		
					VN	-1.53	-0.00087	PASS		
			5	LCH	TN	VH	1.24	0.00071	PASS	
						VL	-2.88	-0.00168	PASS	
						VN	-4.68	-0.00273	PASS	
				MCH	TN	VH	-4.21	-0.00246	PASS	
						VL	0.83	0.00048	PASS	
						VN	1.40	0.00081	PASS	
		HCH		TN	VH	1.90	0.0011	PASS		
					VL	0.66	0.00038	PASS		
					VN	0.84	0.00048	PASS		
		10	LCH	TN	VH	0.50	0.00029	PASS		
					VL	-1.93	-0.00113	PASS		
					VN	-4.49	-0.00262	PASS		
			MCH	TN	VH	-1.46	-0.00085	PASS		
					VL	-0.63	-0.00036	PASS		
					VN	2.47	0.00143	PASS		
			HCH	TN	VH	-0.31	-0.00018	PASS		
					VL	-176.83	-0.10105	PASS		
					VN	-171.68	-0.0981	PASS		
		15	LCH	TN	VH	-219.18	-0.12525	PASS		
					VL	-2.06	-0.0012	PASS		
					VN	-1.67	-0.00097	PASS		
			MCH	TN	VH	-1.43	-0.00083	PASS		
					VL	0.83	0.00048	PASS		
					VN	1.06	0.00061	PASS		
			HCH	TN	VH	0.09	0.00005	PASS		
					VL	-0.40	-0.00023	PASS		
					VN	2.56	0.00146	PASS		
		20	LCH	TN	VH	1.29	0.00074	PASS		
					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
					VH	-10.09	-0.00587	PASS
			MCH	TN	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			
		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			
		5	LCH	VN	50	0.47	0.00027	PASS		
					-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
			-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									
			10					-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
			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	
		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
			LCH	VN	30	2.62	0.0015	PASS
					40	1.52	0.00087	PASS
					50	2.06	0.00118	PASS
					-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			
		20	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			
			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
						-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
			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	
5								



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	
			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	
			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		
			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
					-20	-3.45		-0.00199	PASS	
								-10	-4.08	-0.00235
			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

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END