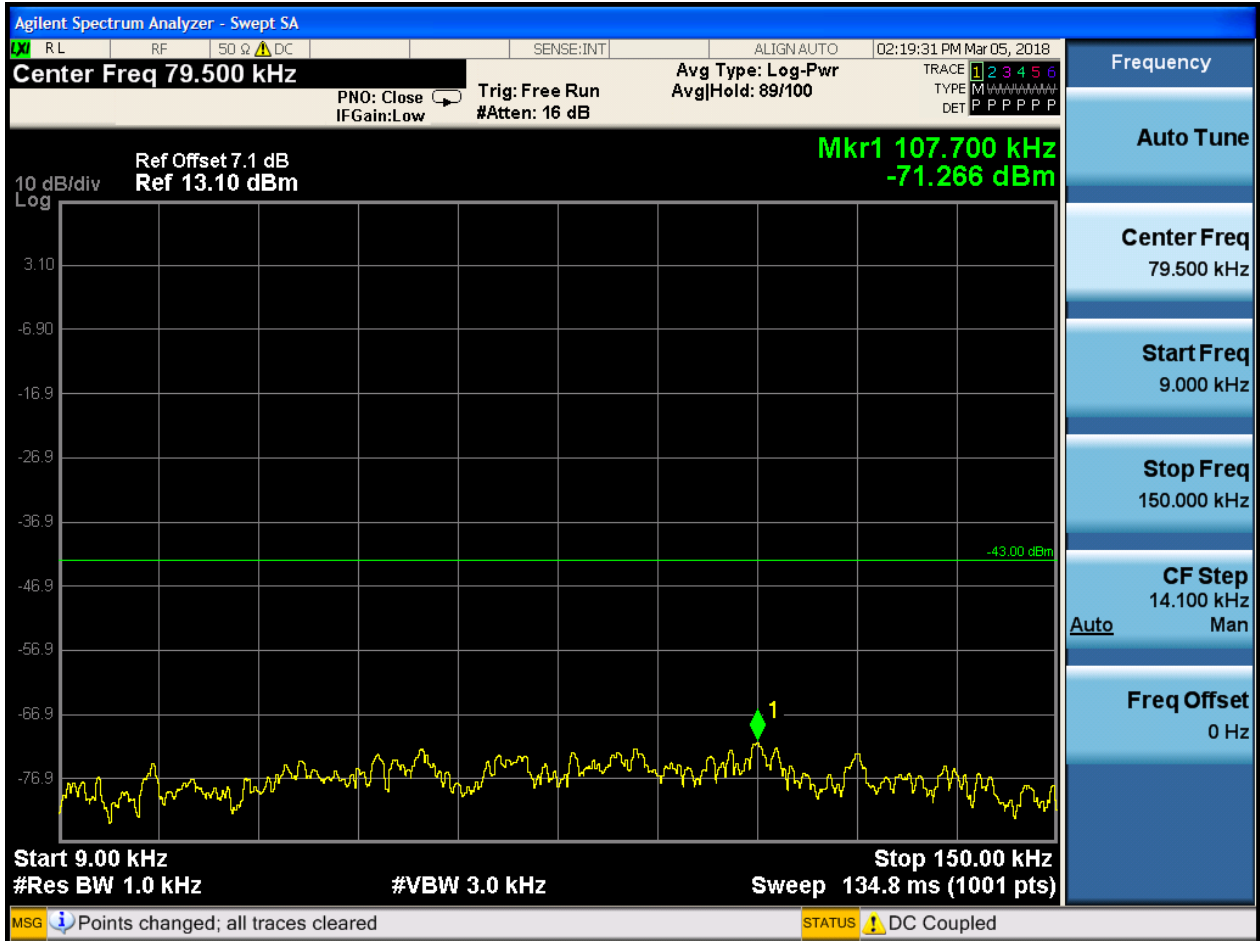
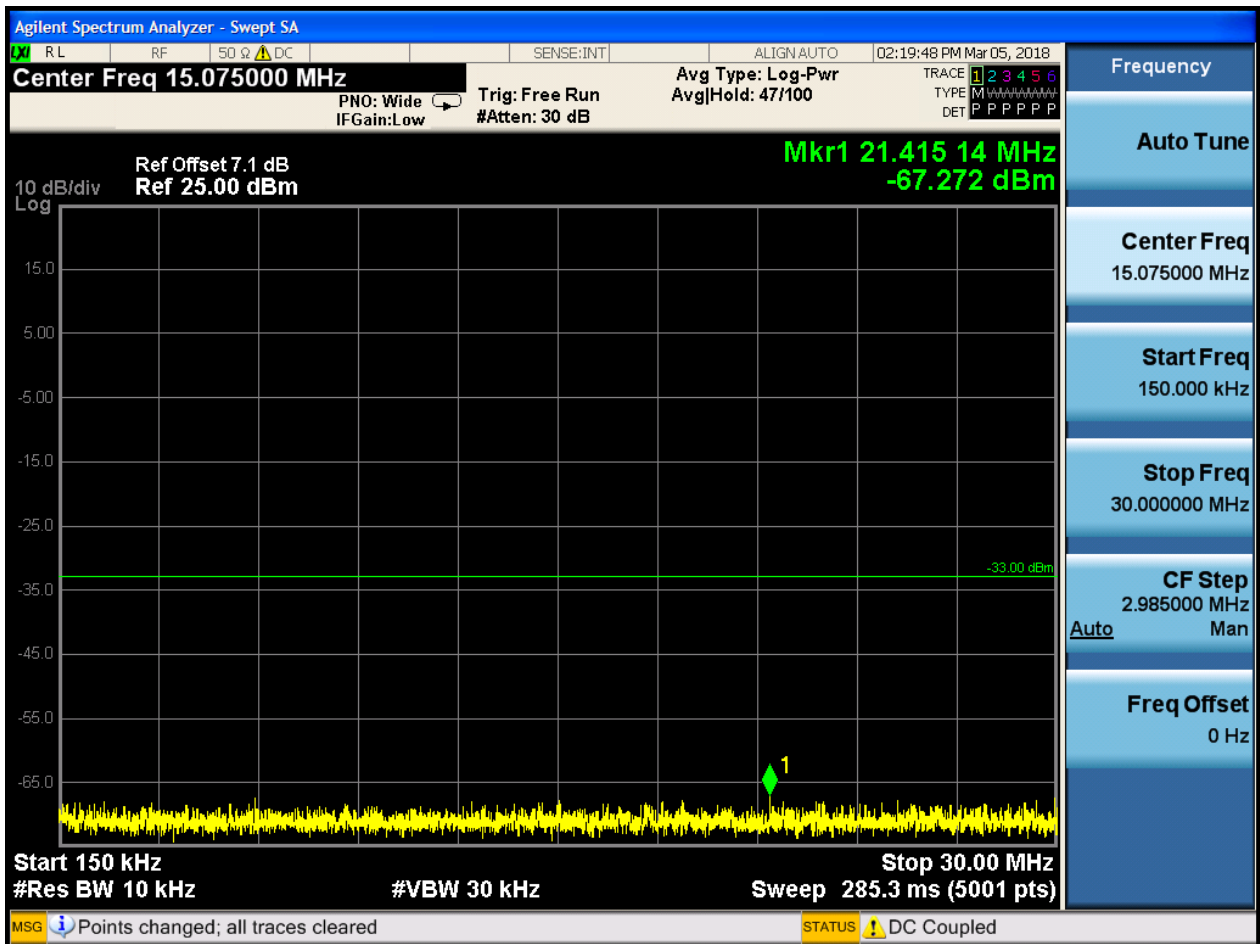
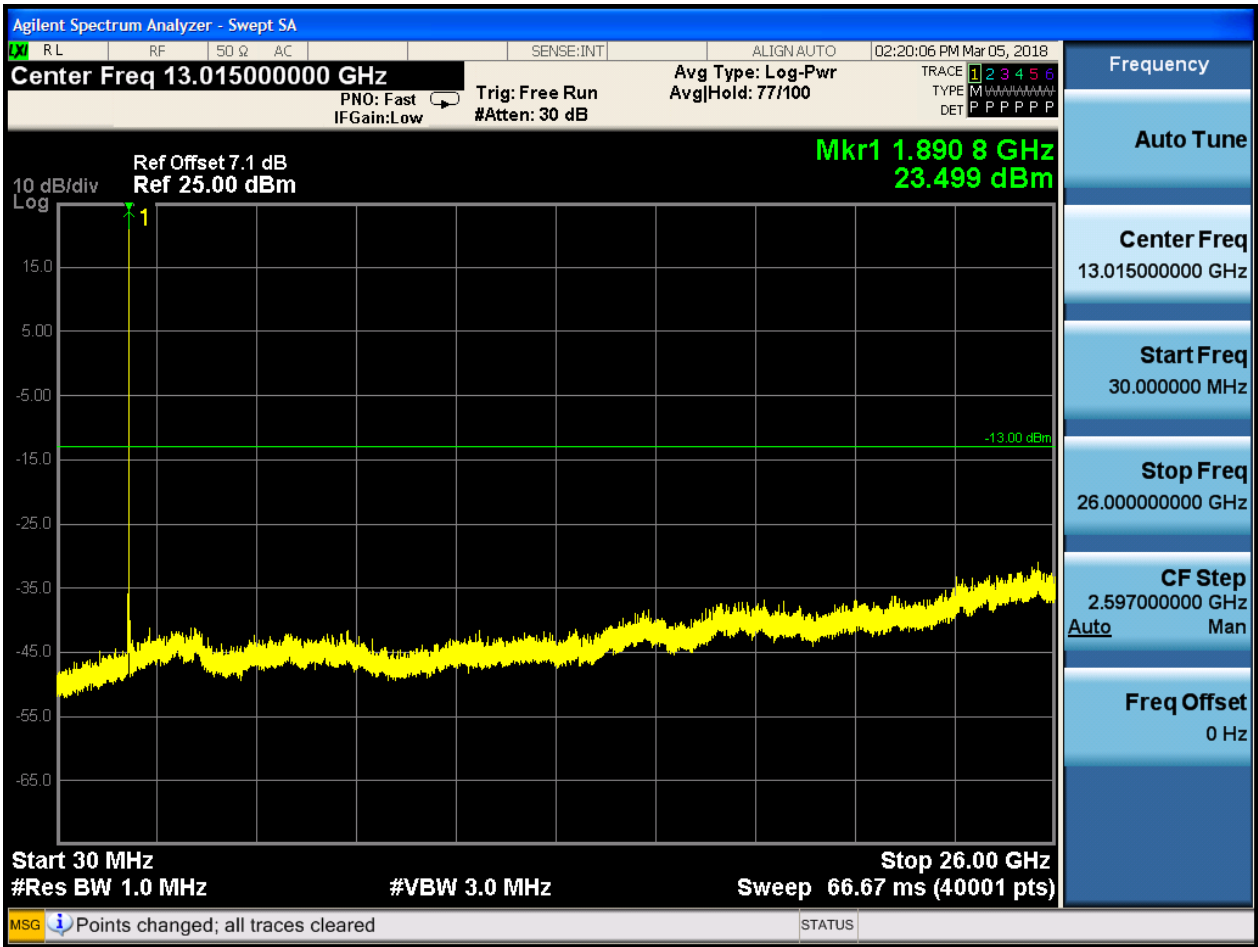


6.1.1.1.6.3 Test Channel = HCH

6.1.1.1.6.3.1 Test RB = RB1#0







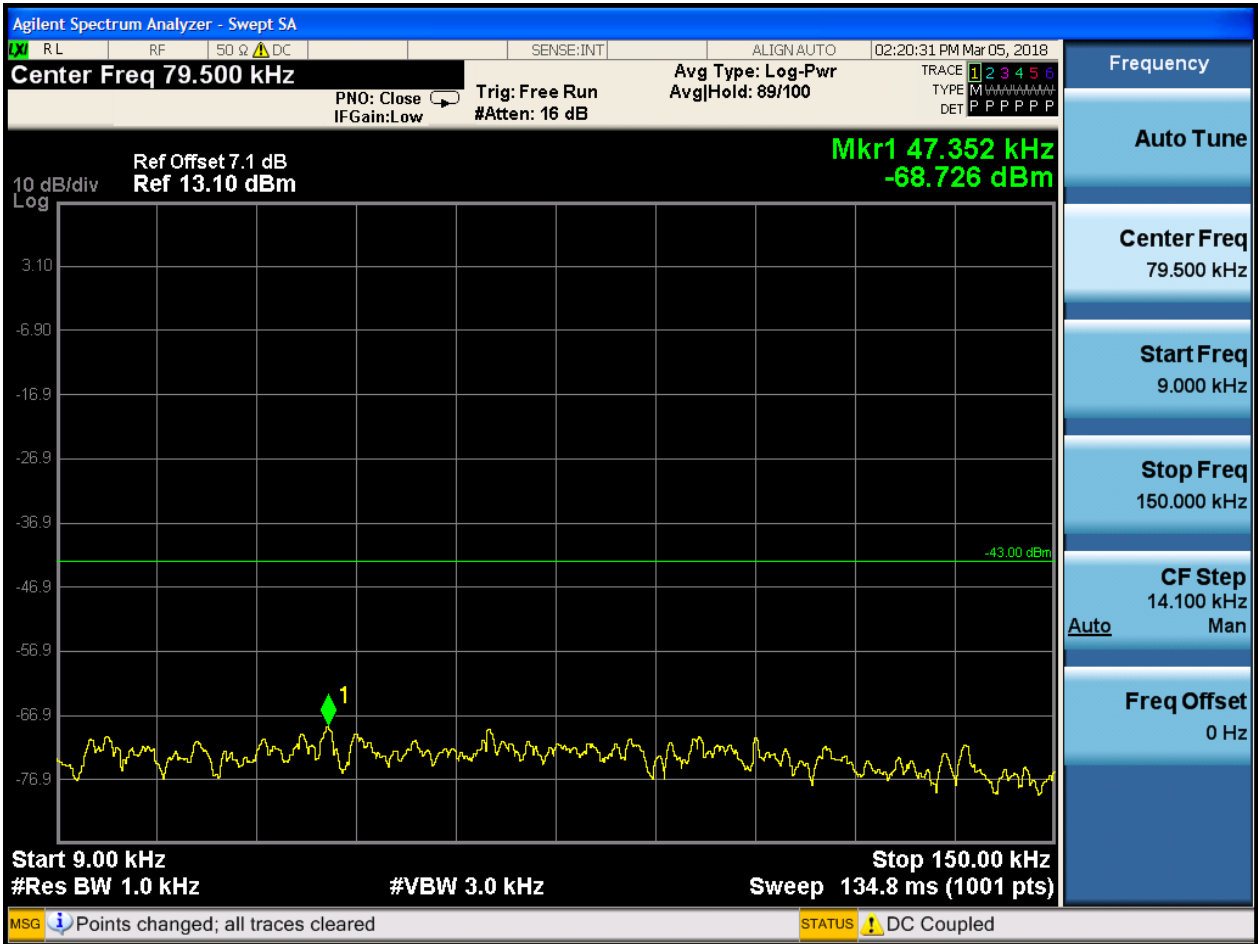


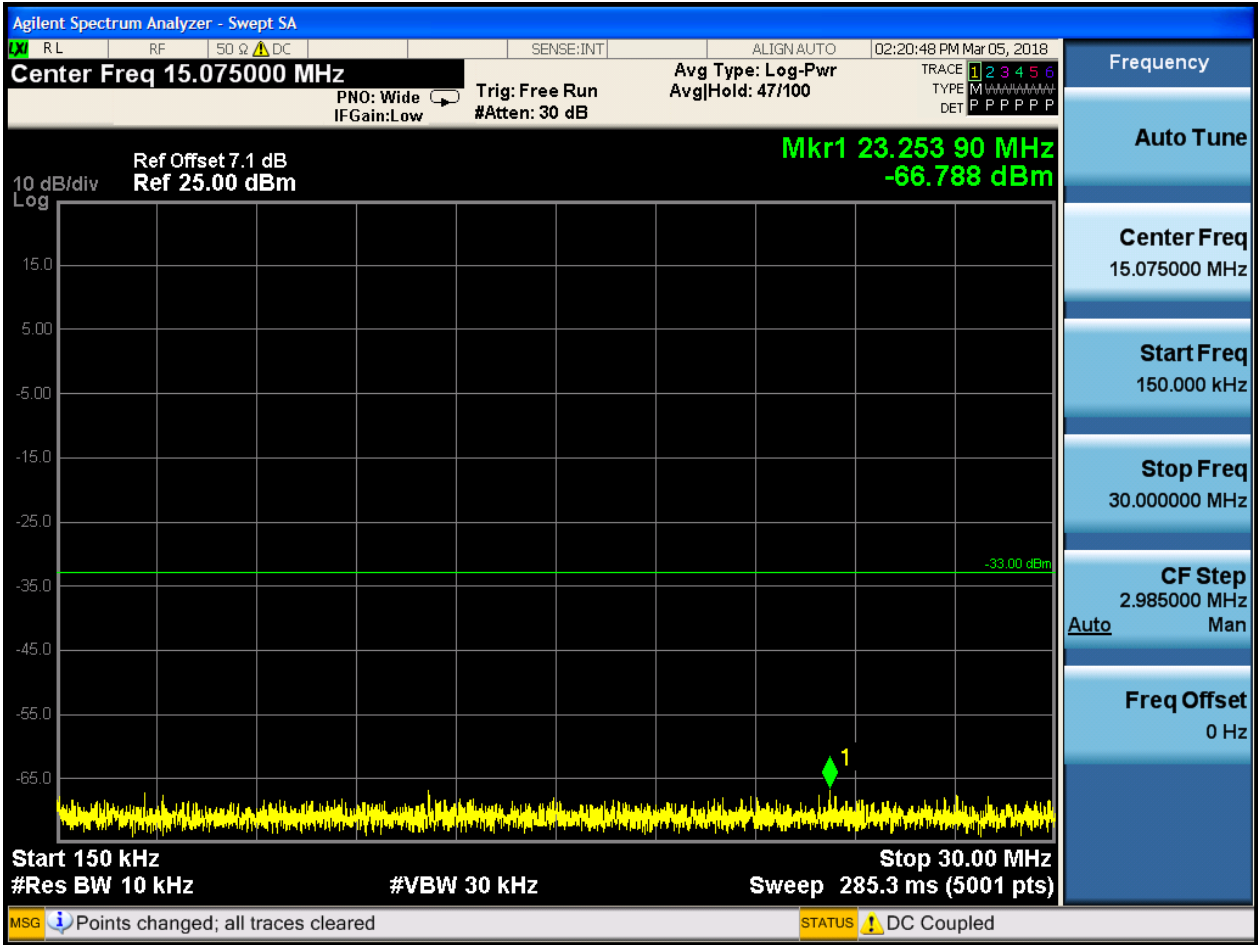
6.1.1.2 Test Mode = LTE/TM2

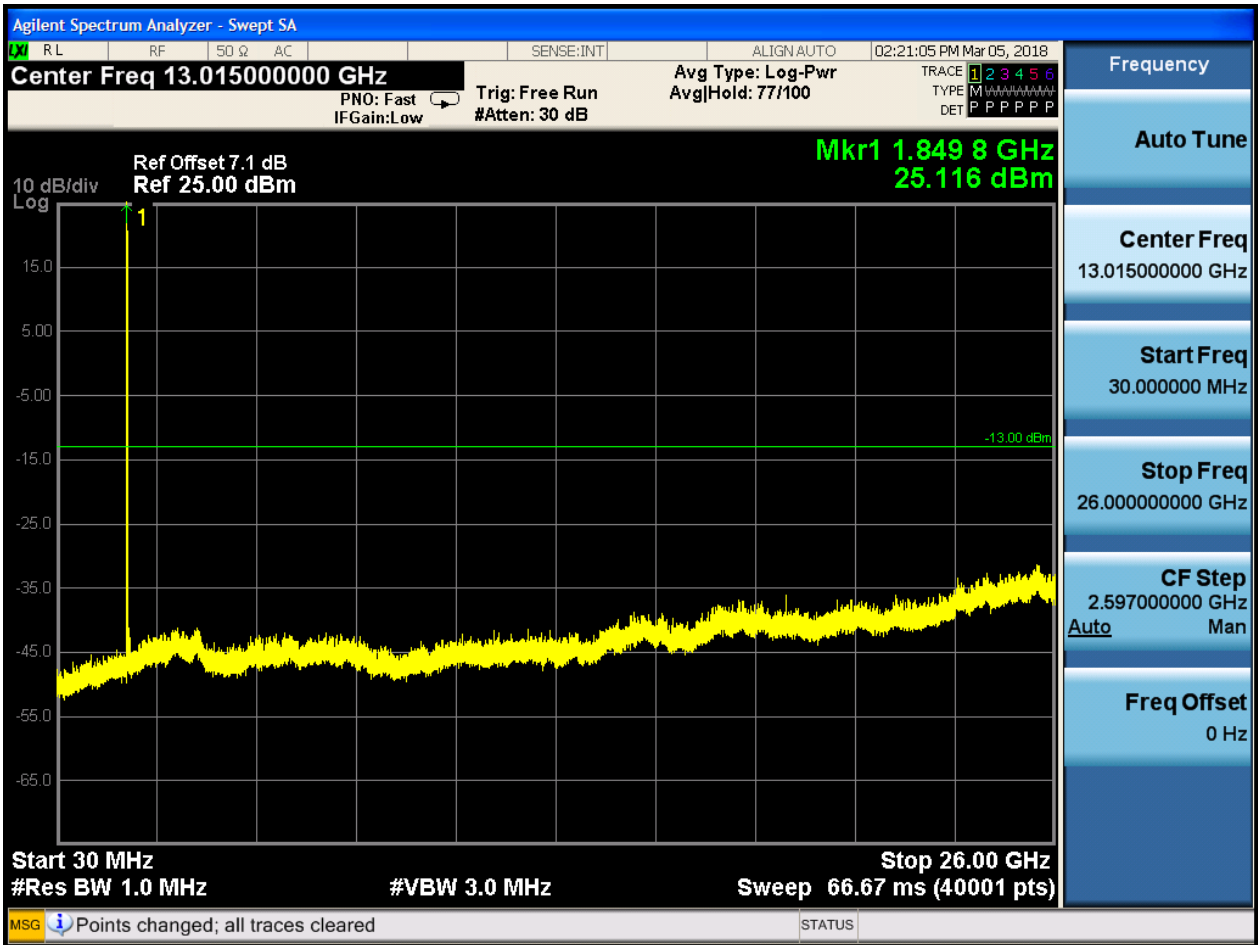
6.1.1.2.1 Test Bandwidth = 1.4

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0



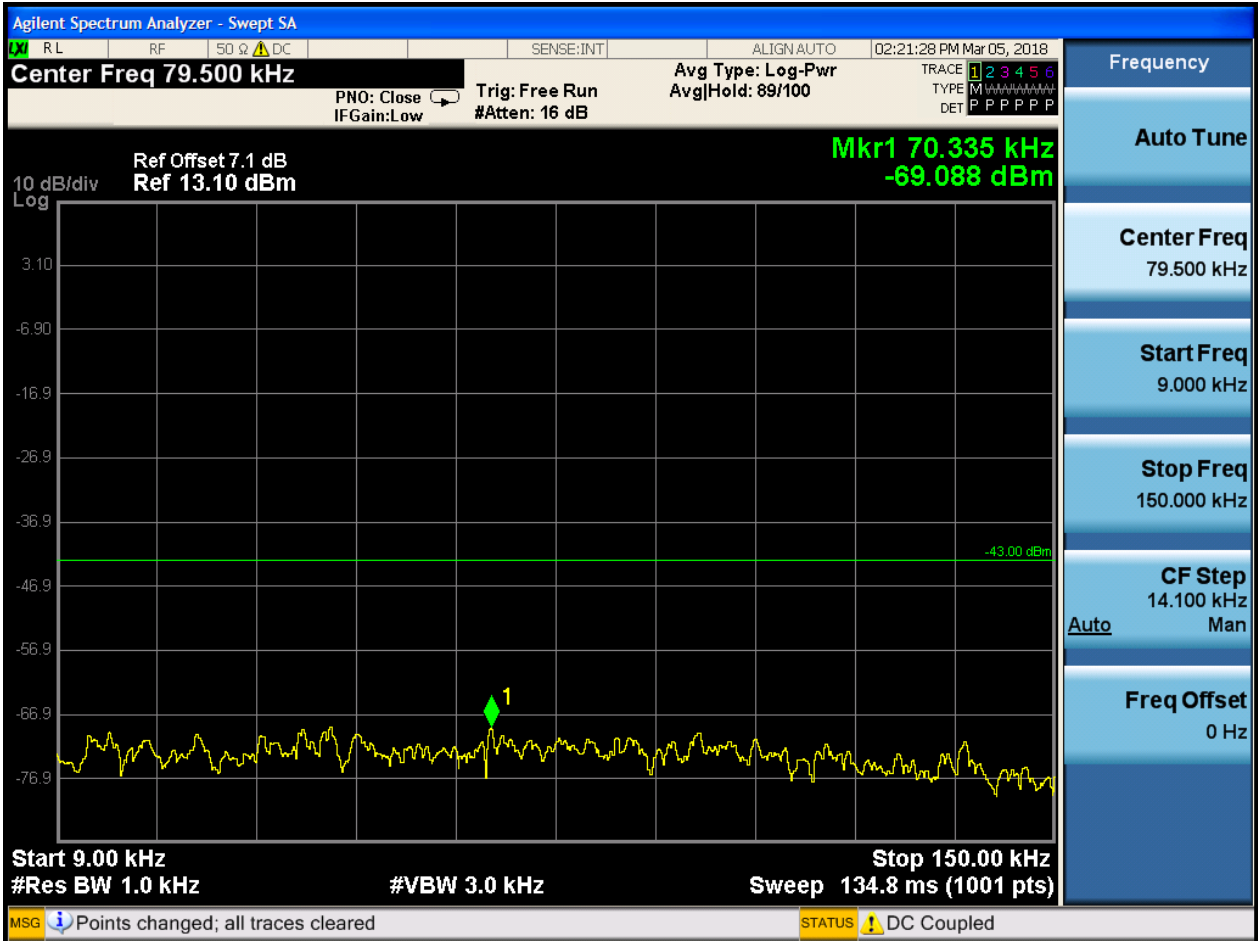


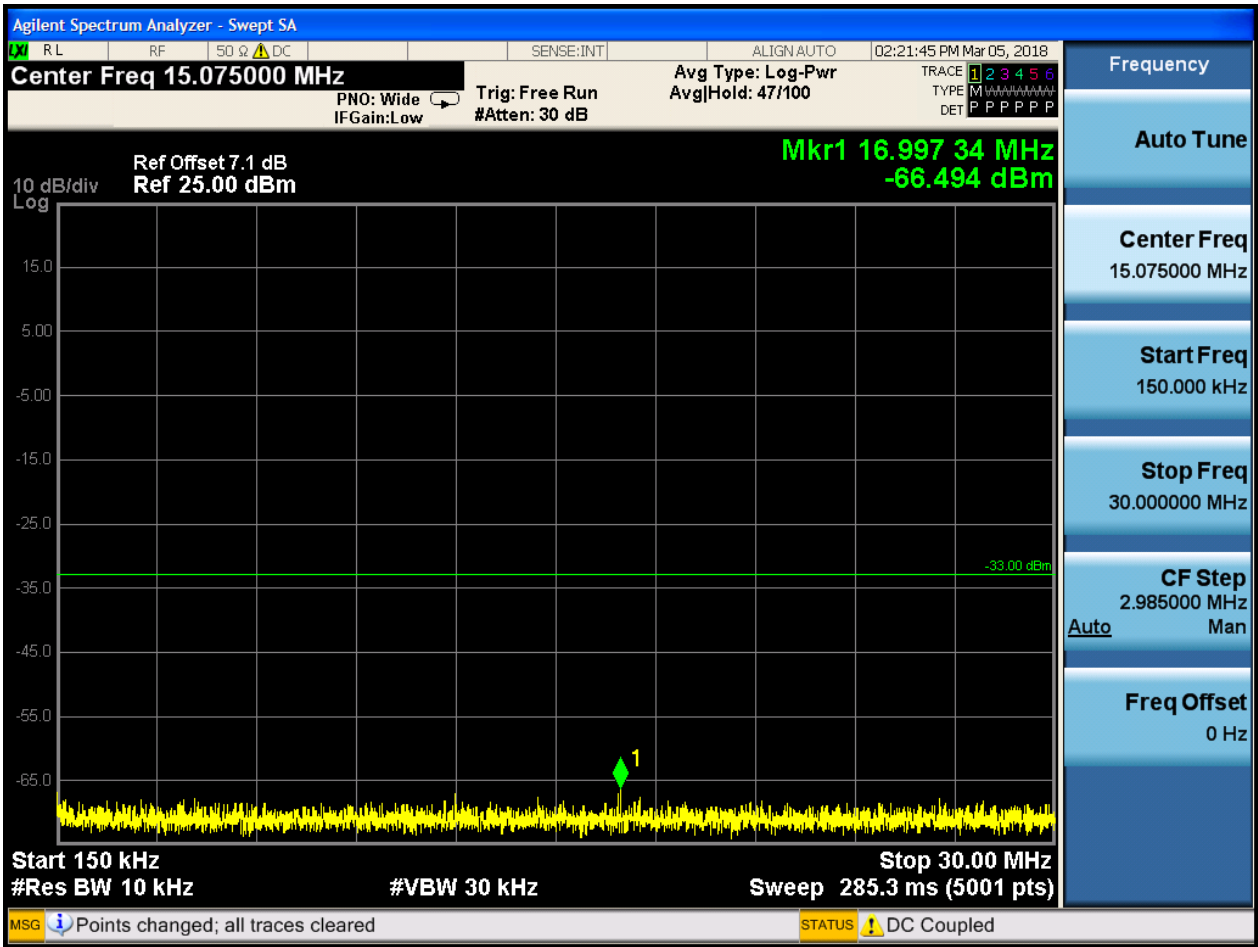


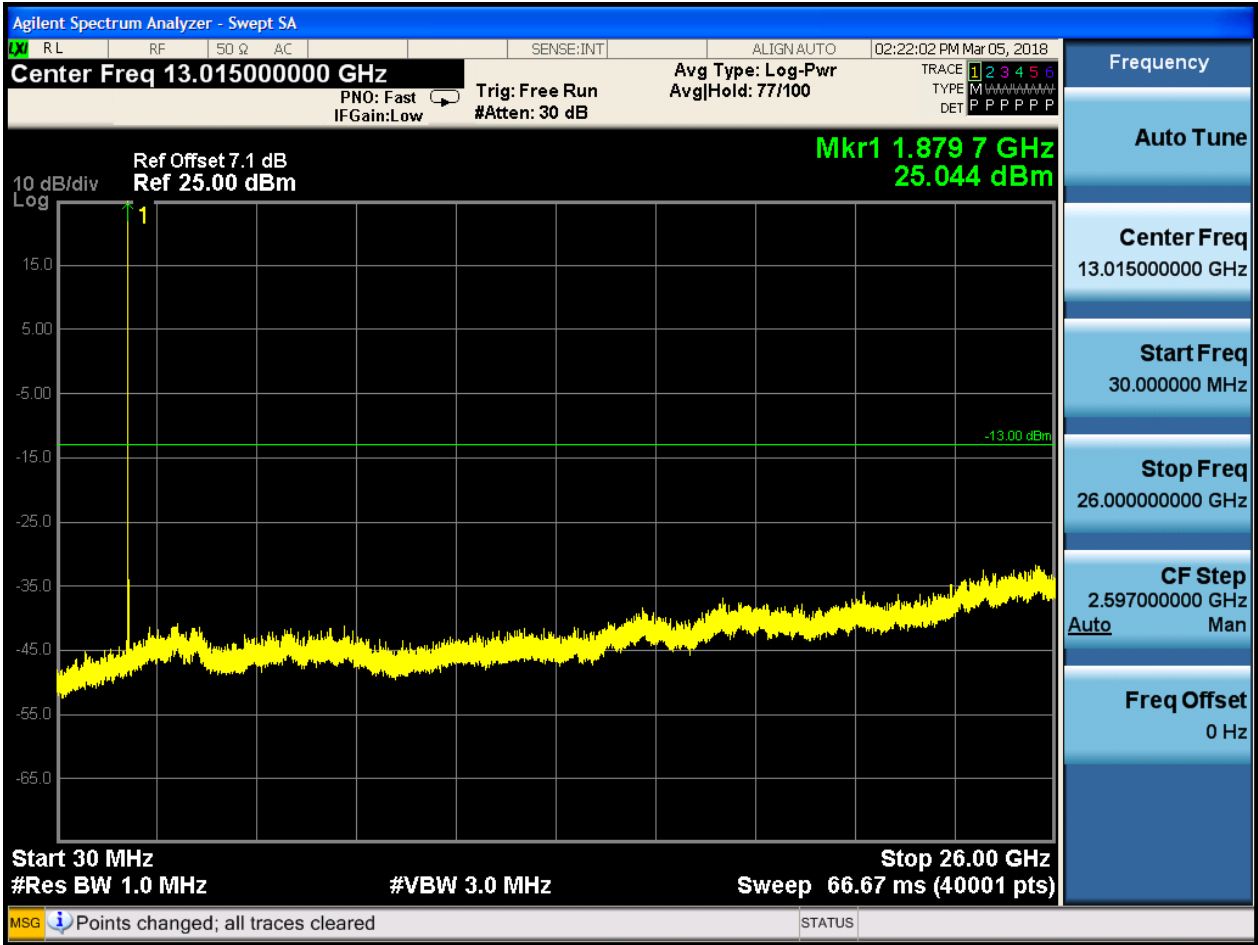


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0

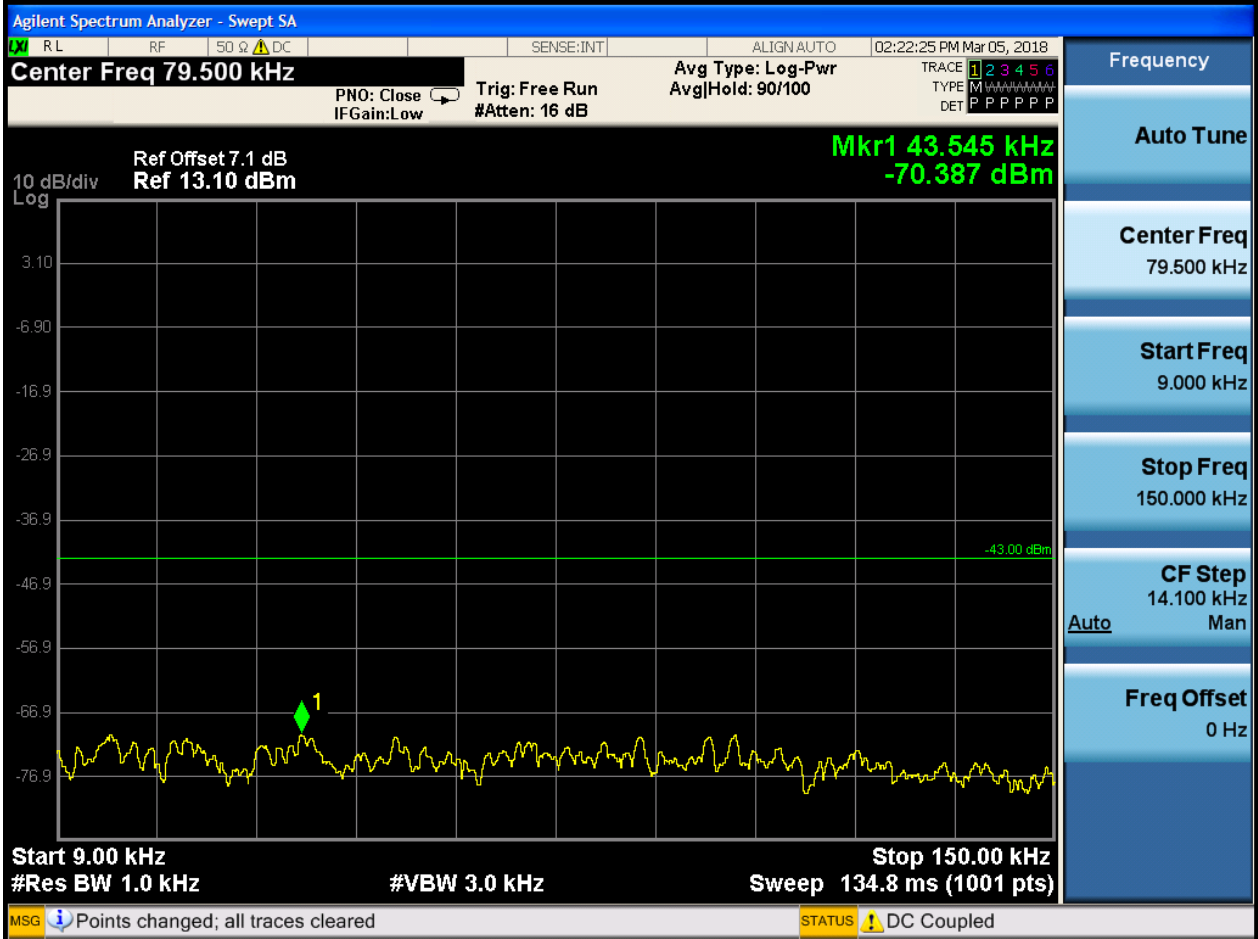


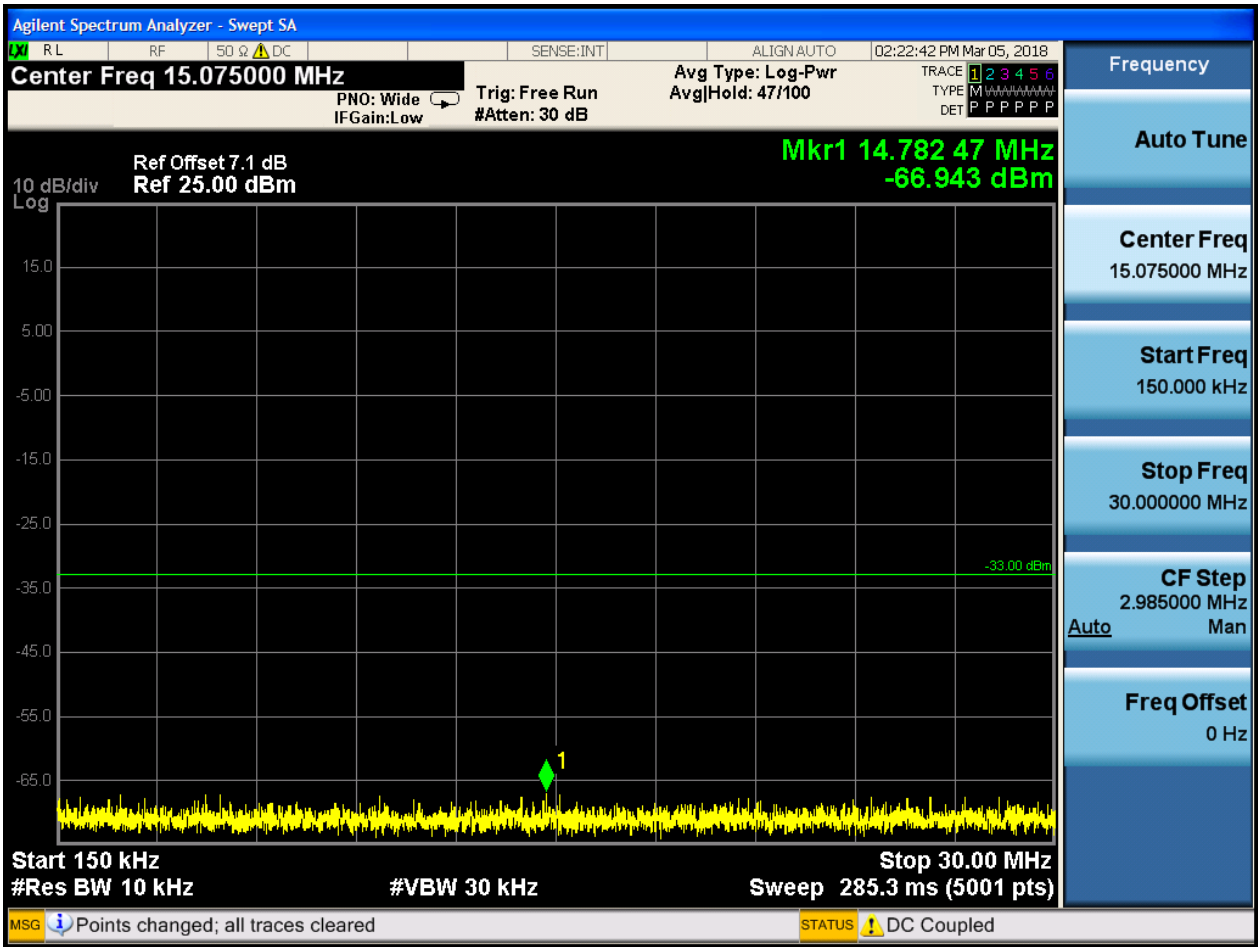


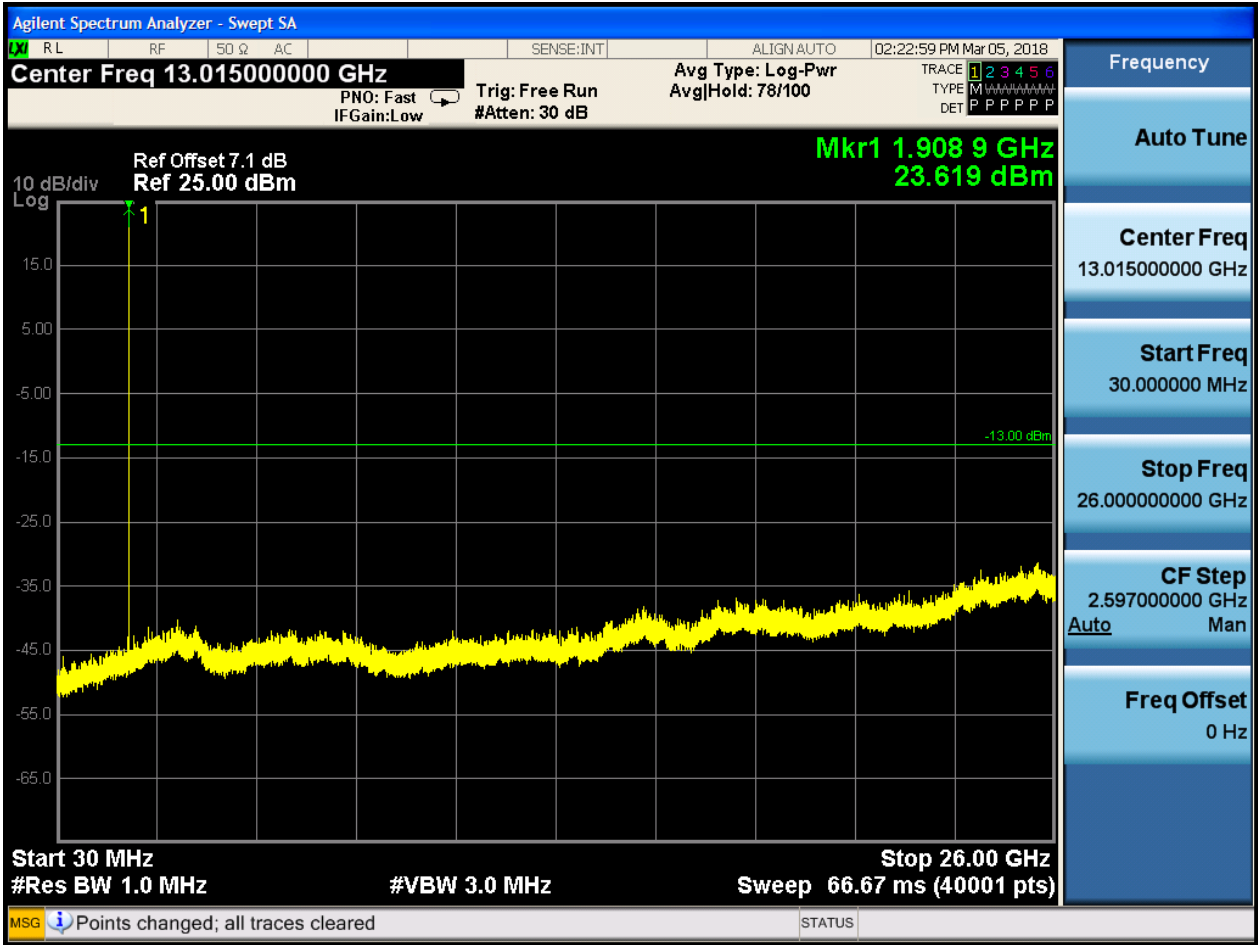


6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0





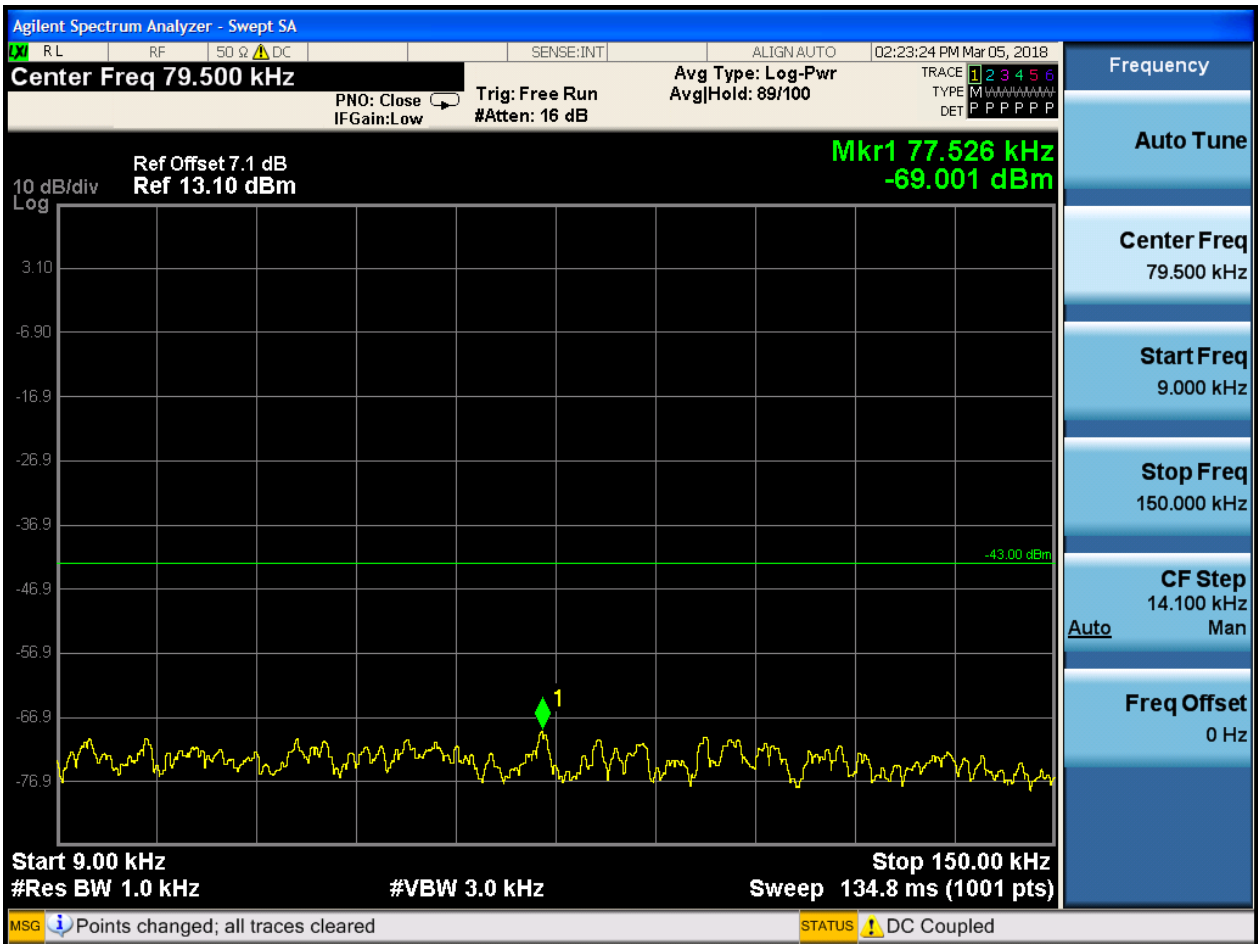


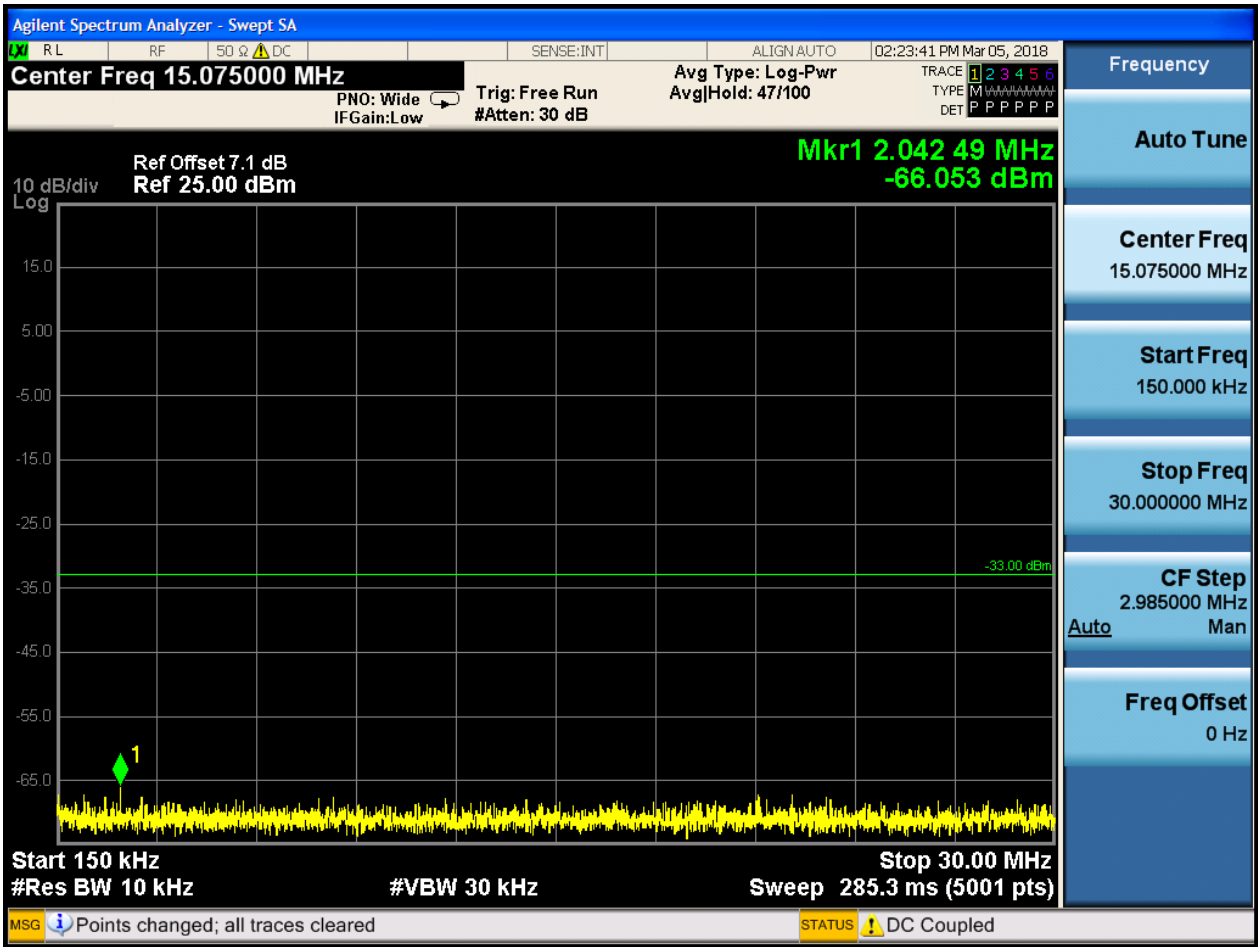


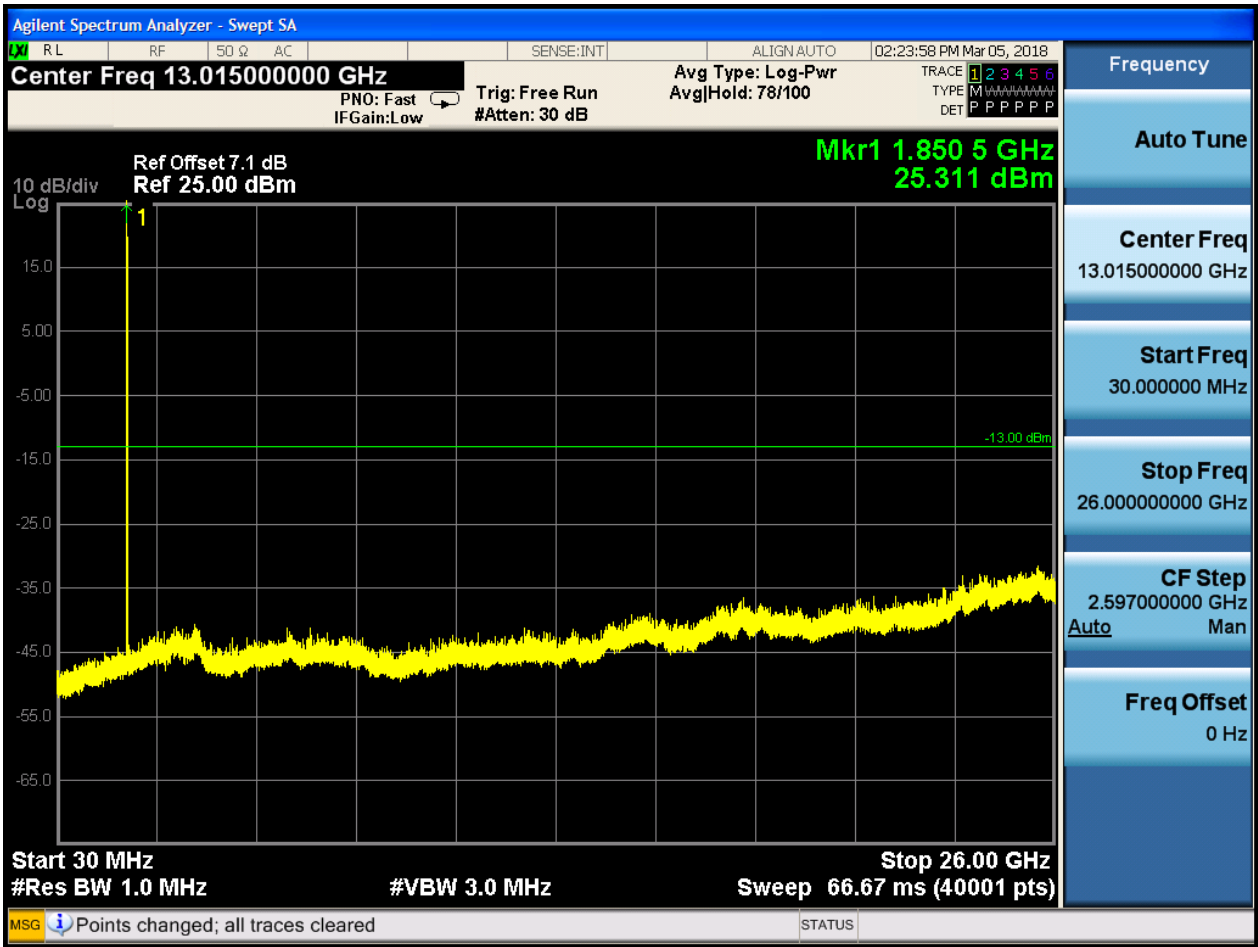
6.1.1.2.2 Test Bandwidth = 3

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0



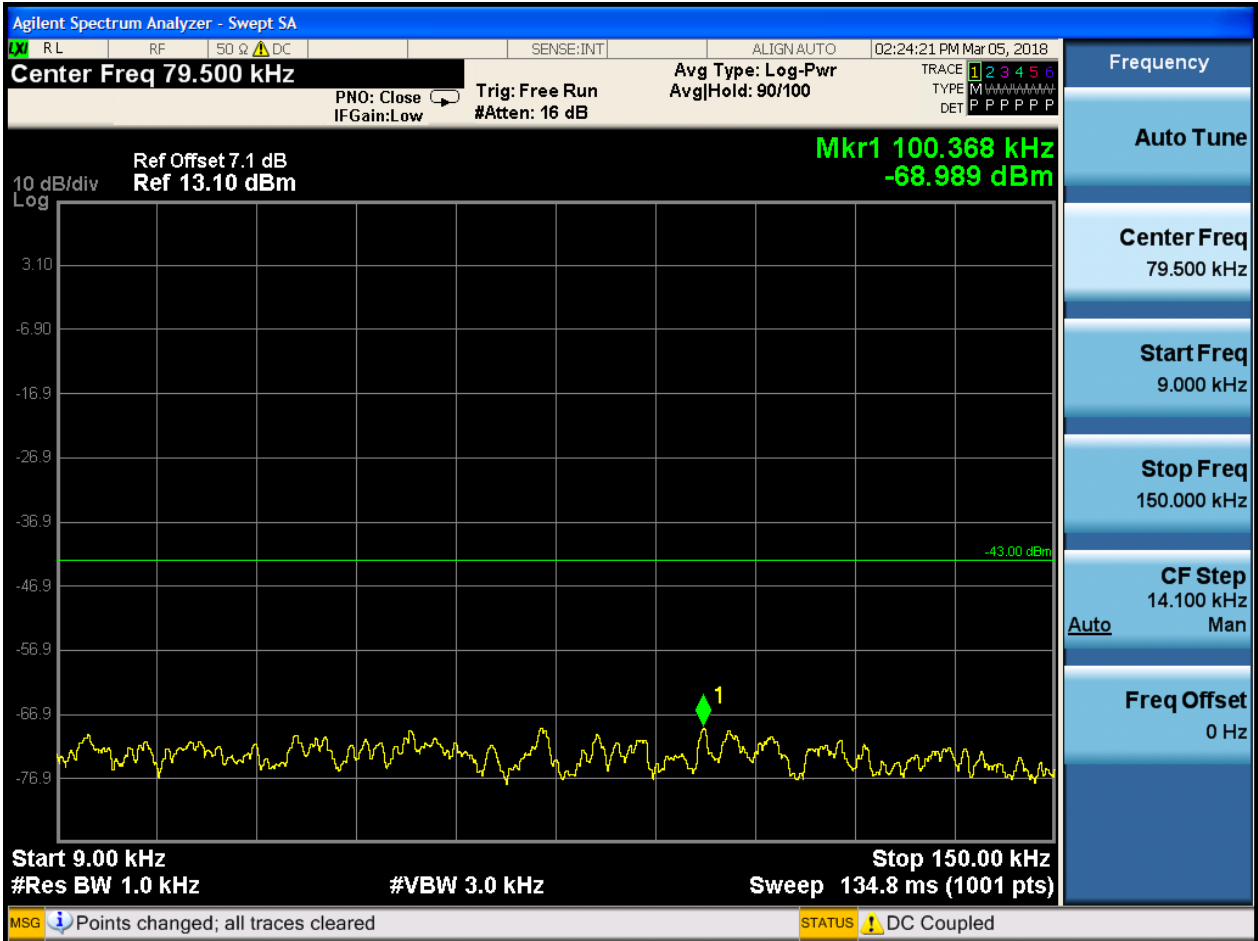


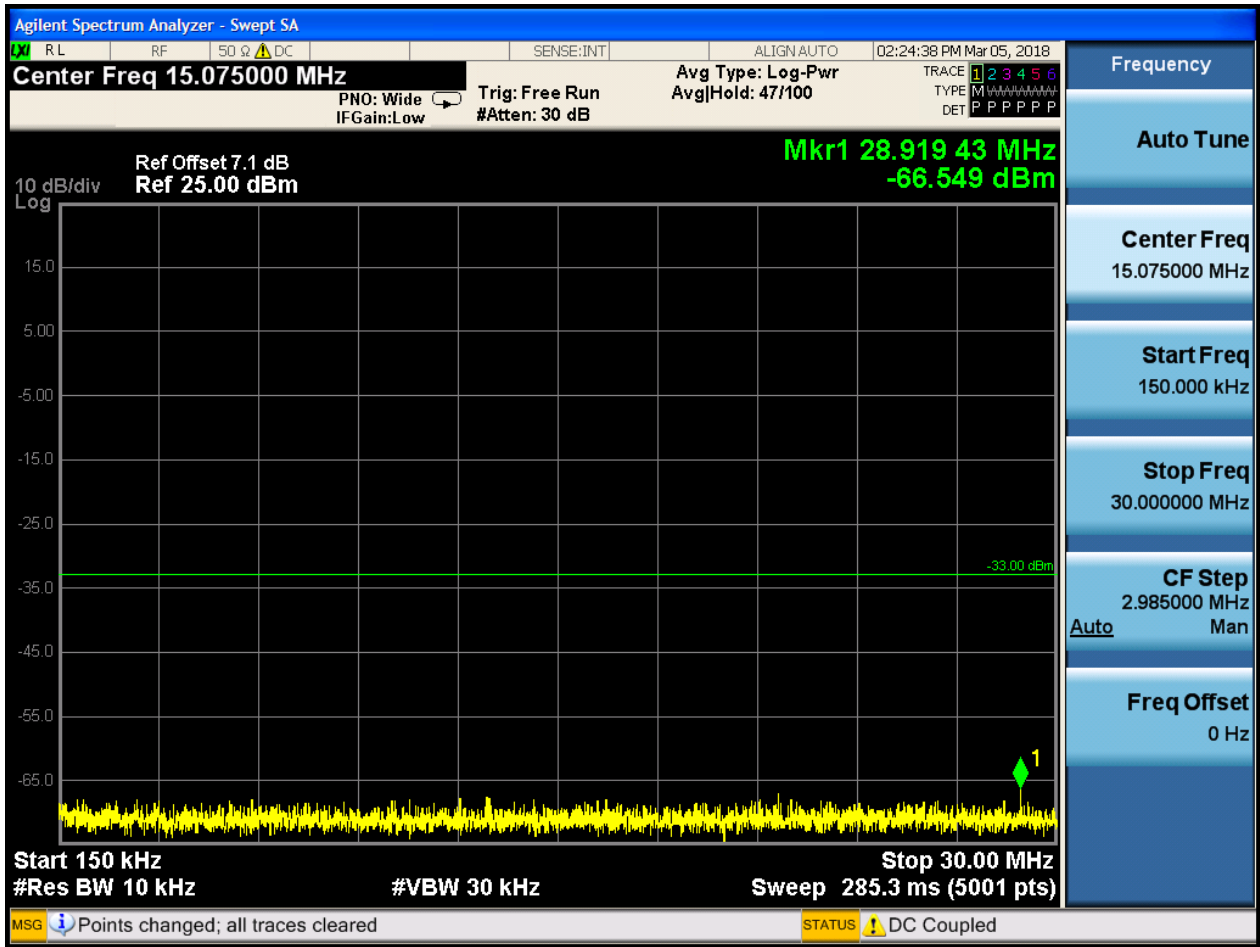


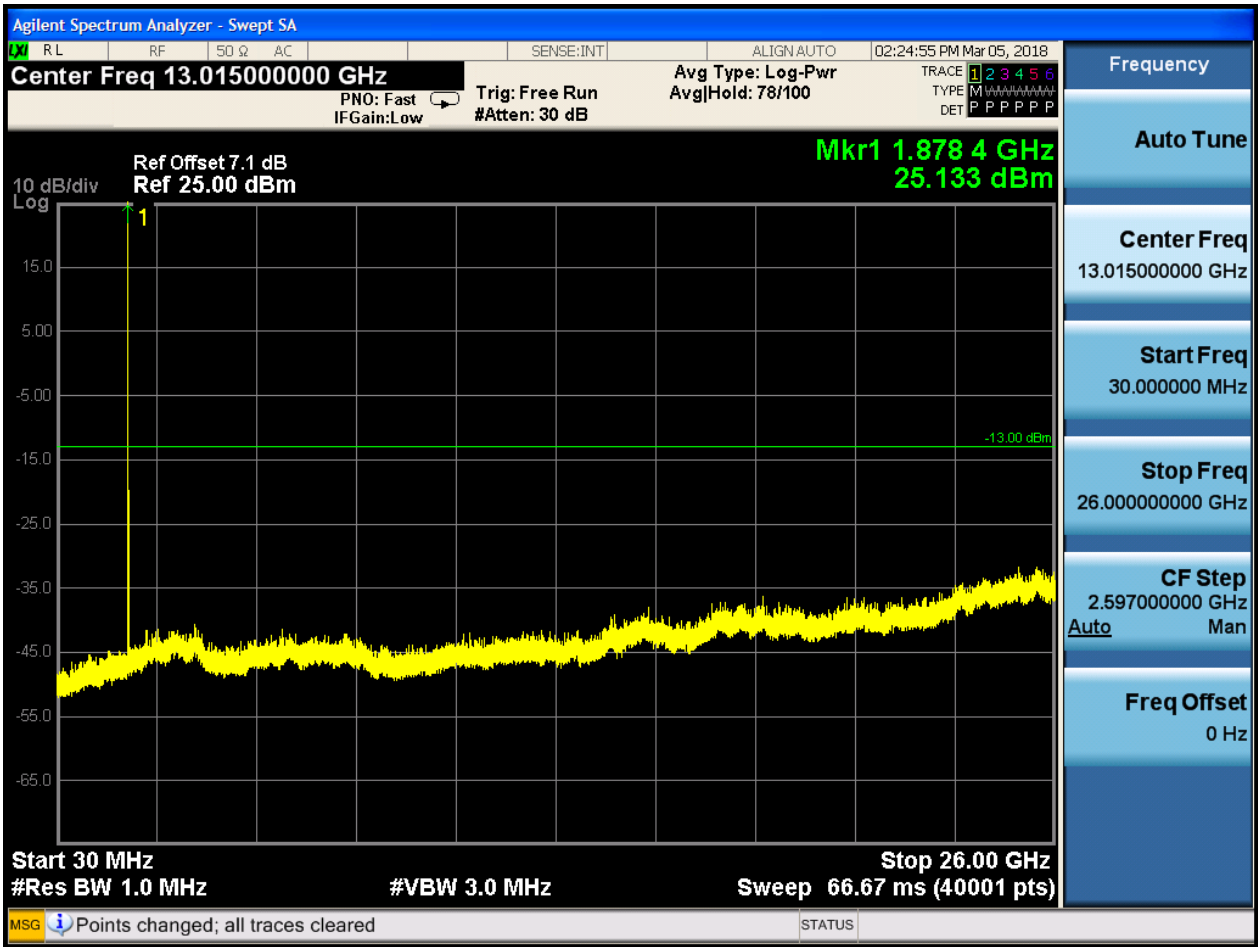


6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0



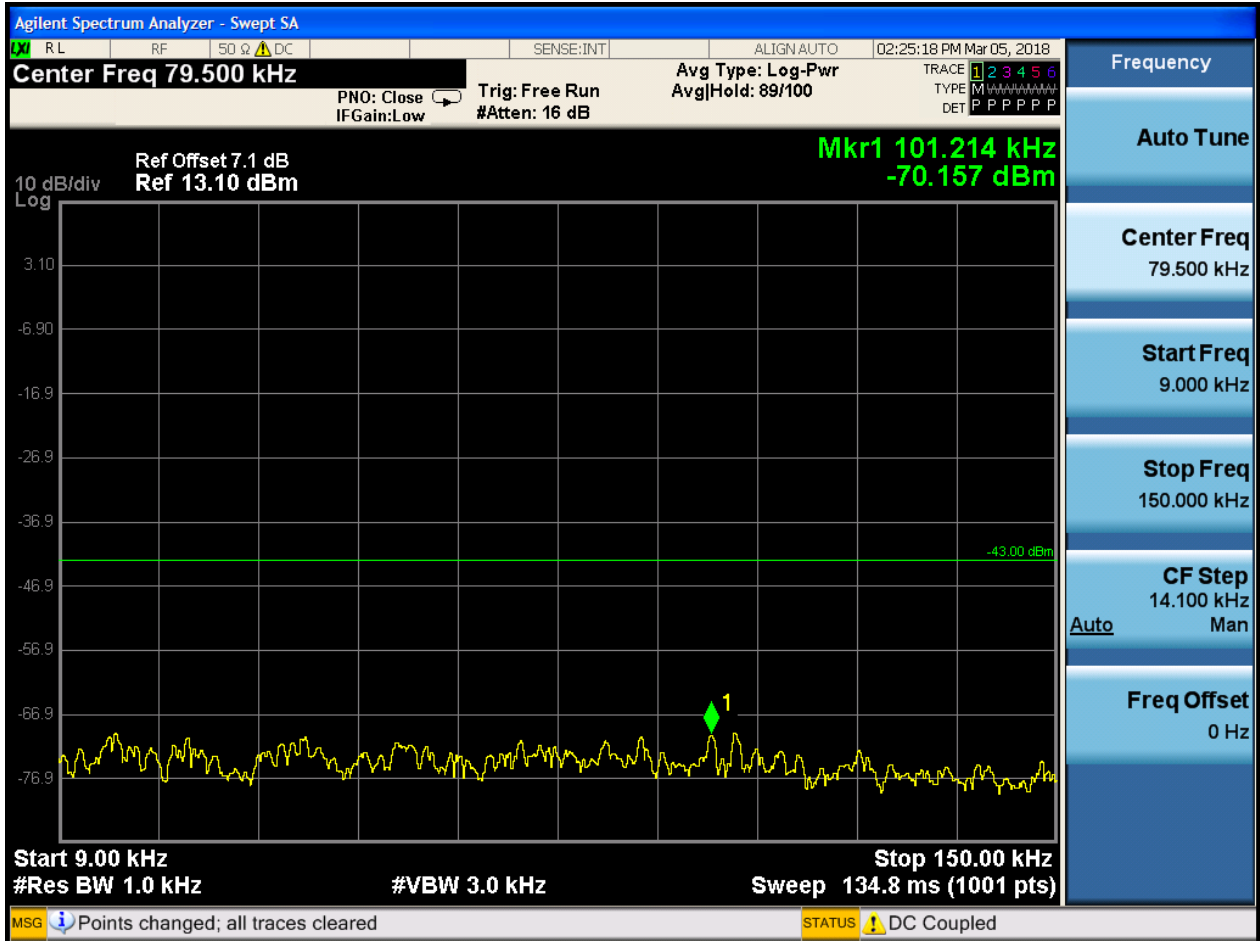


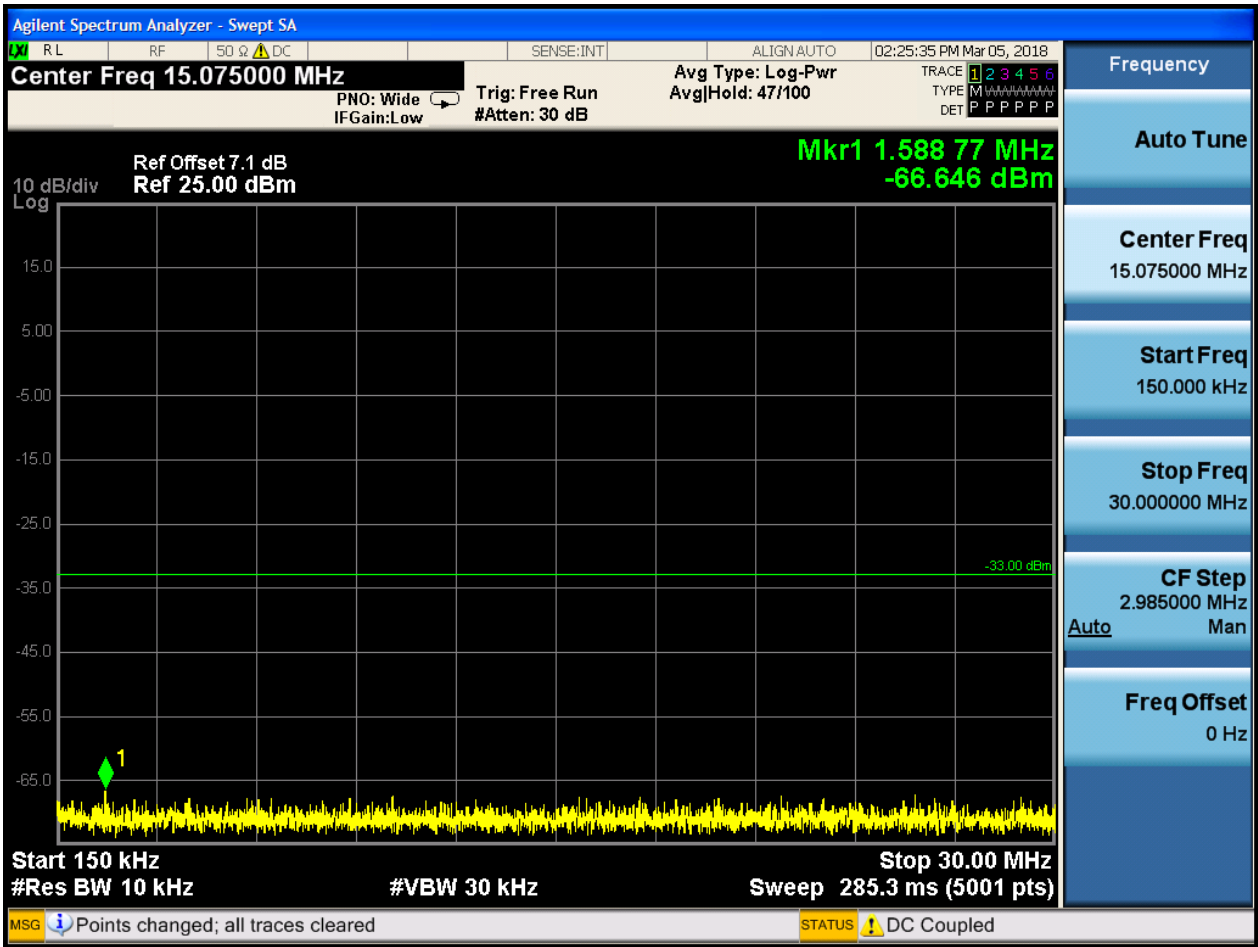


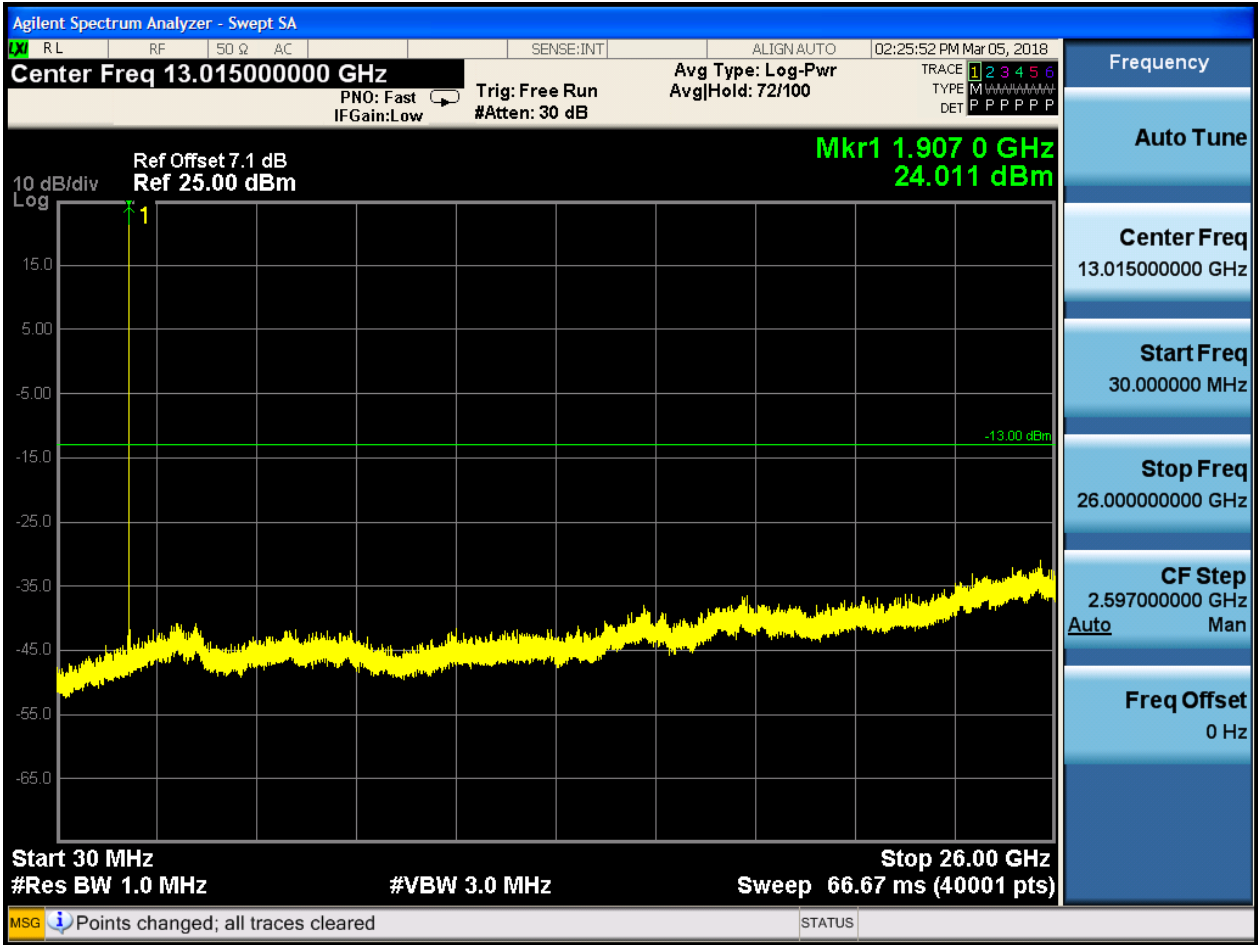


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0





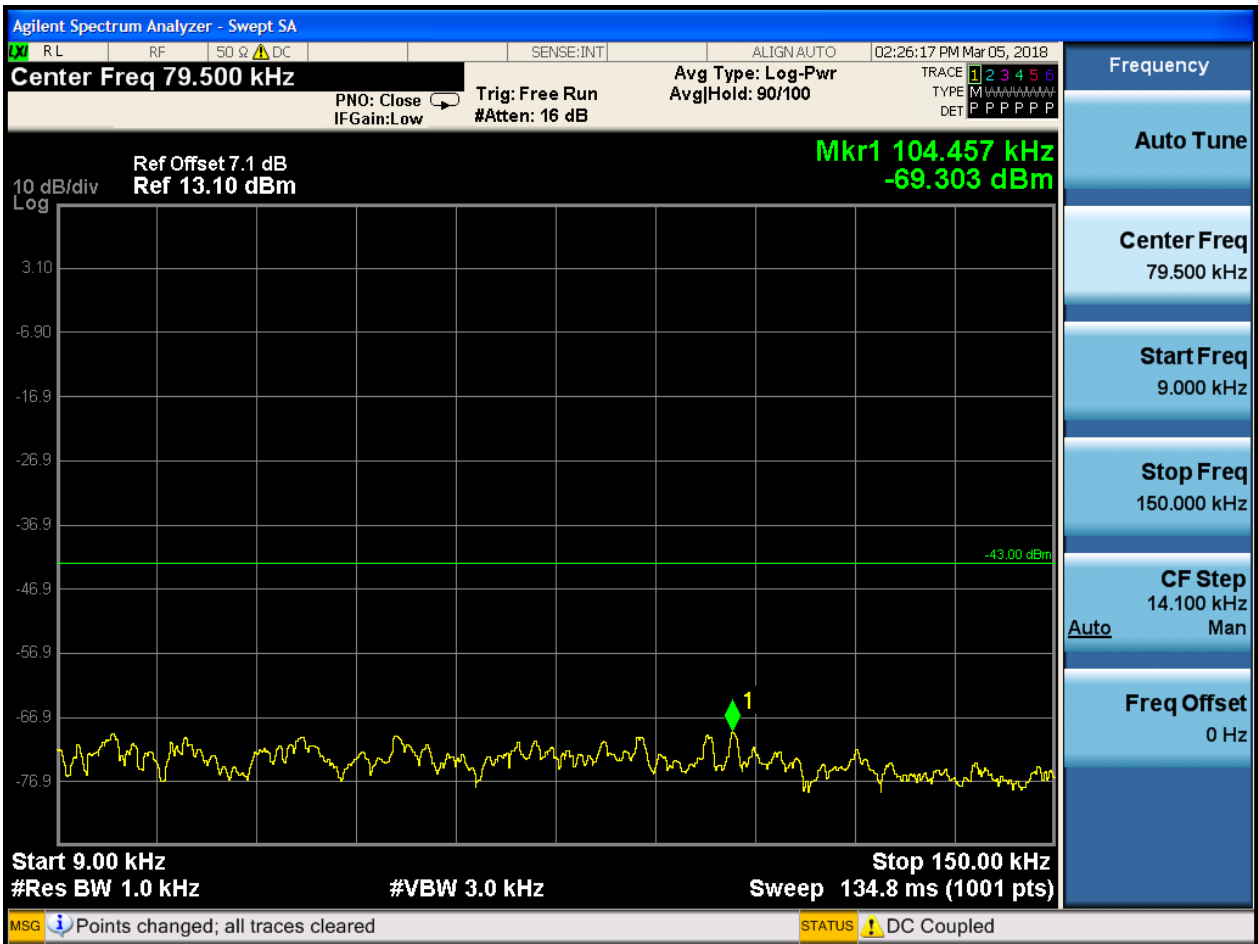


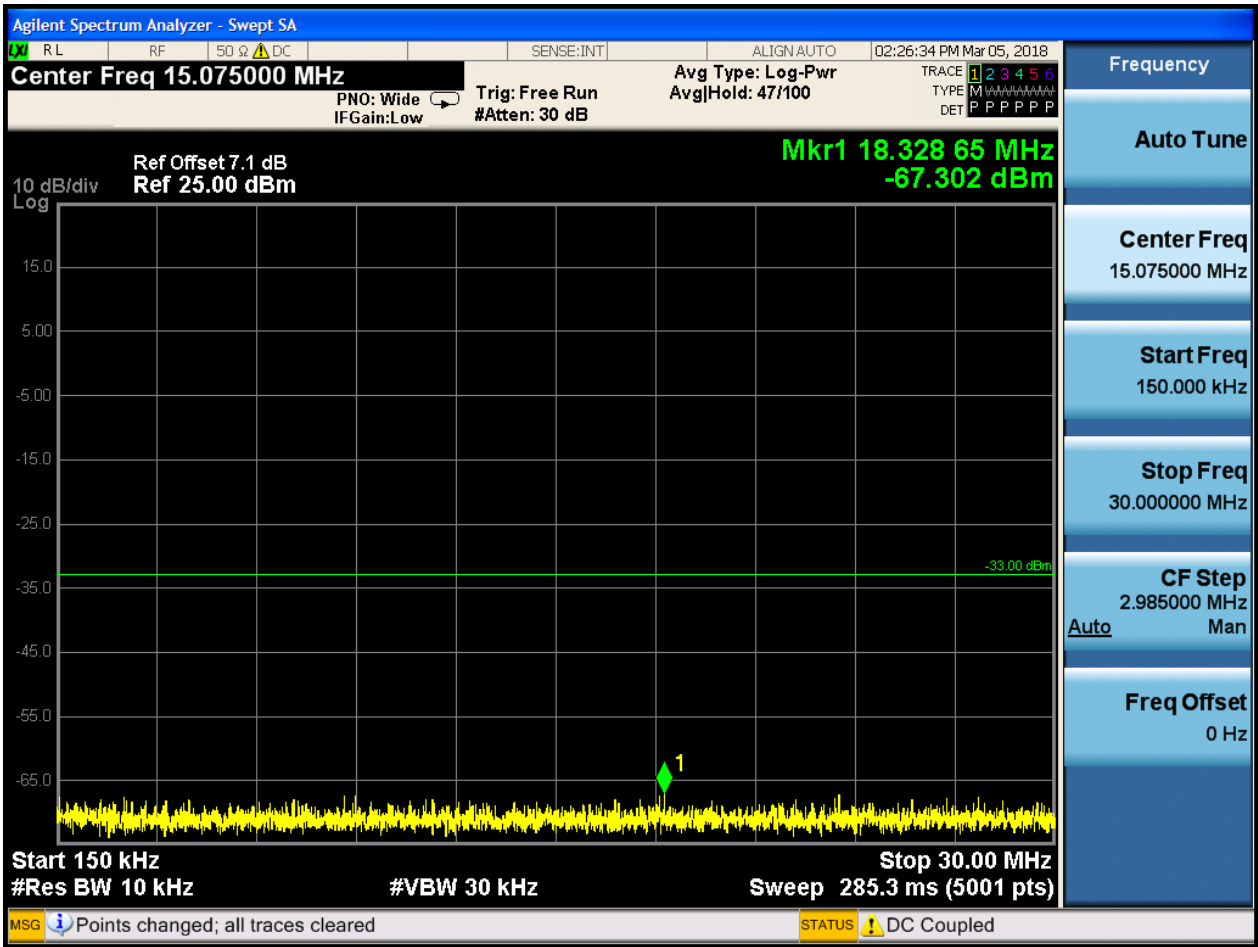


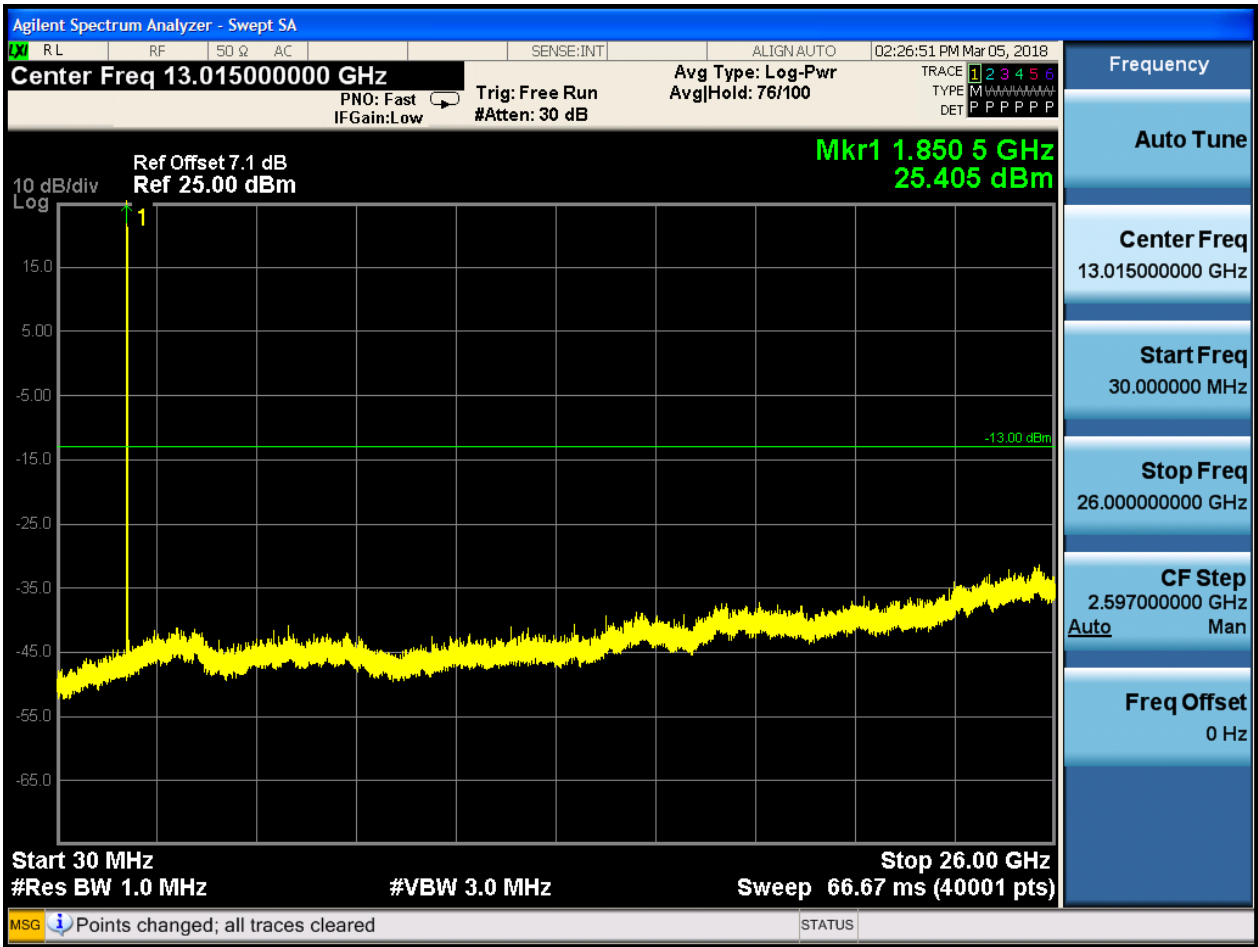
6.1.1.2.3 Test Bandwidth = 5

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



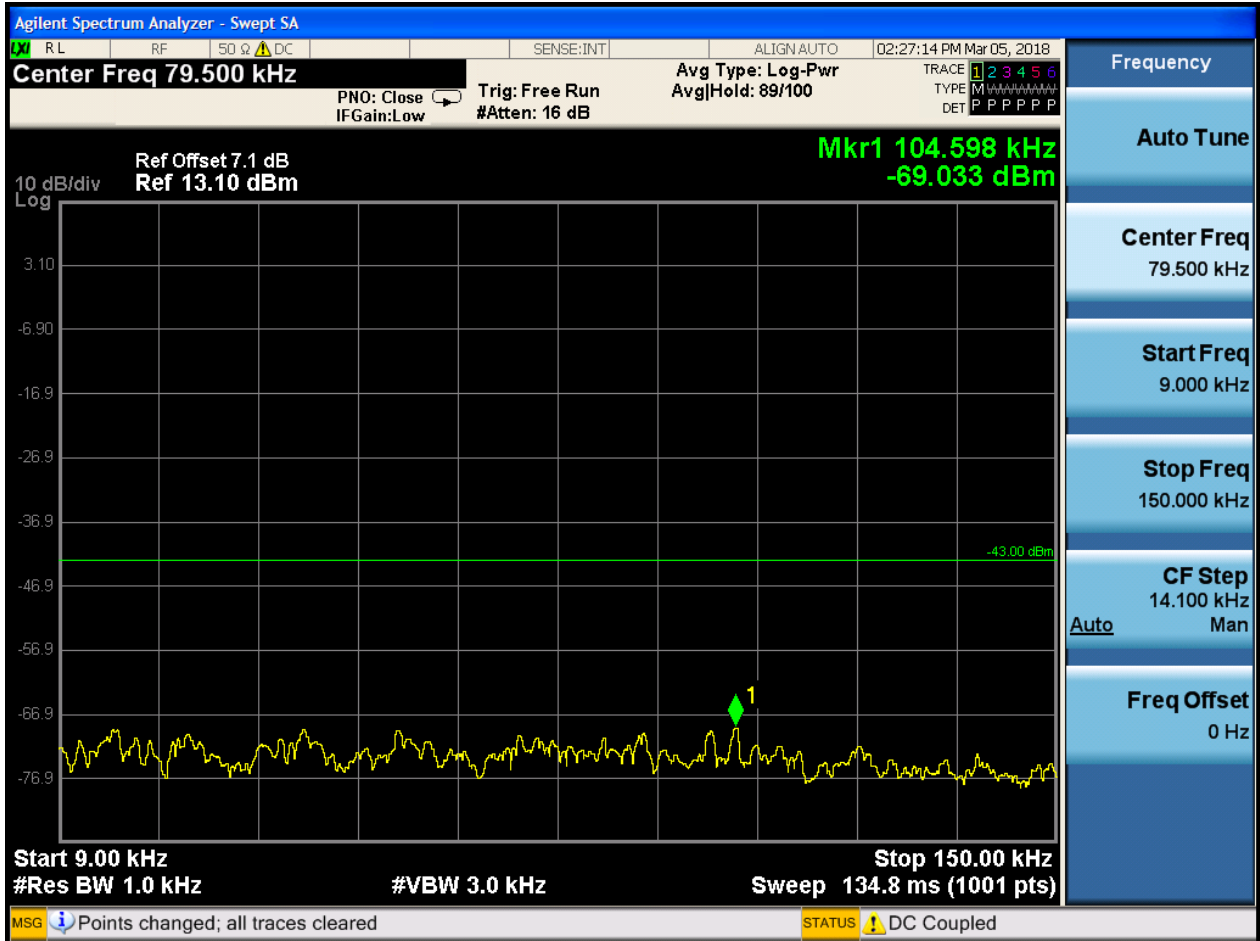


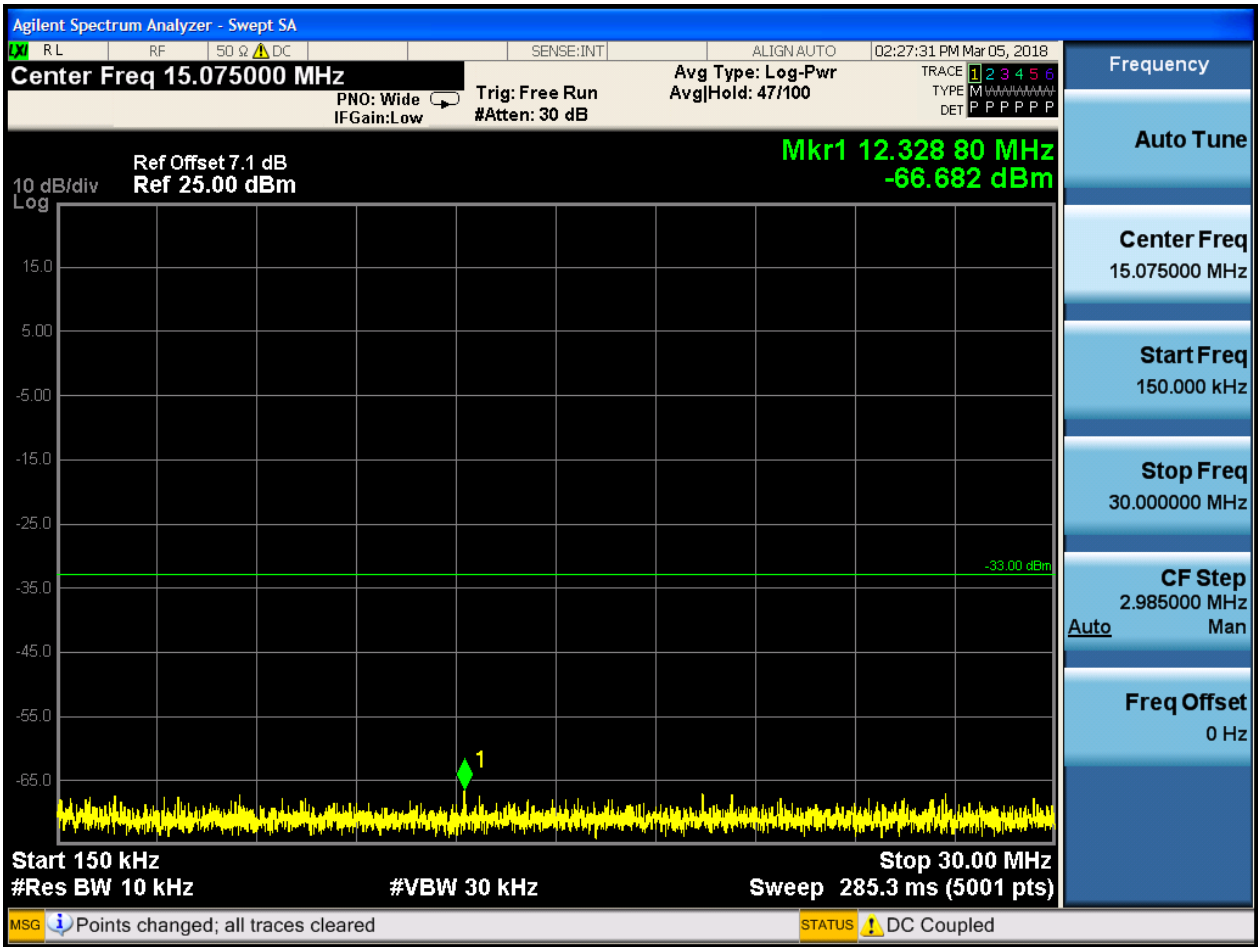


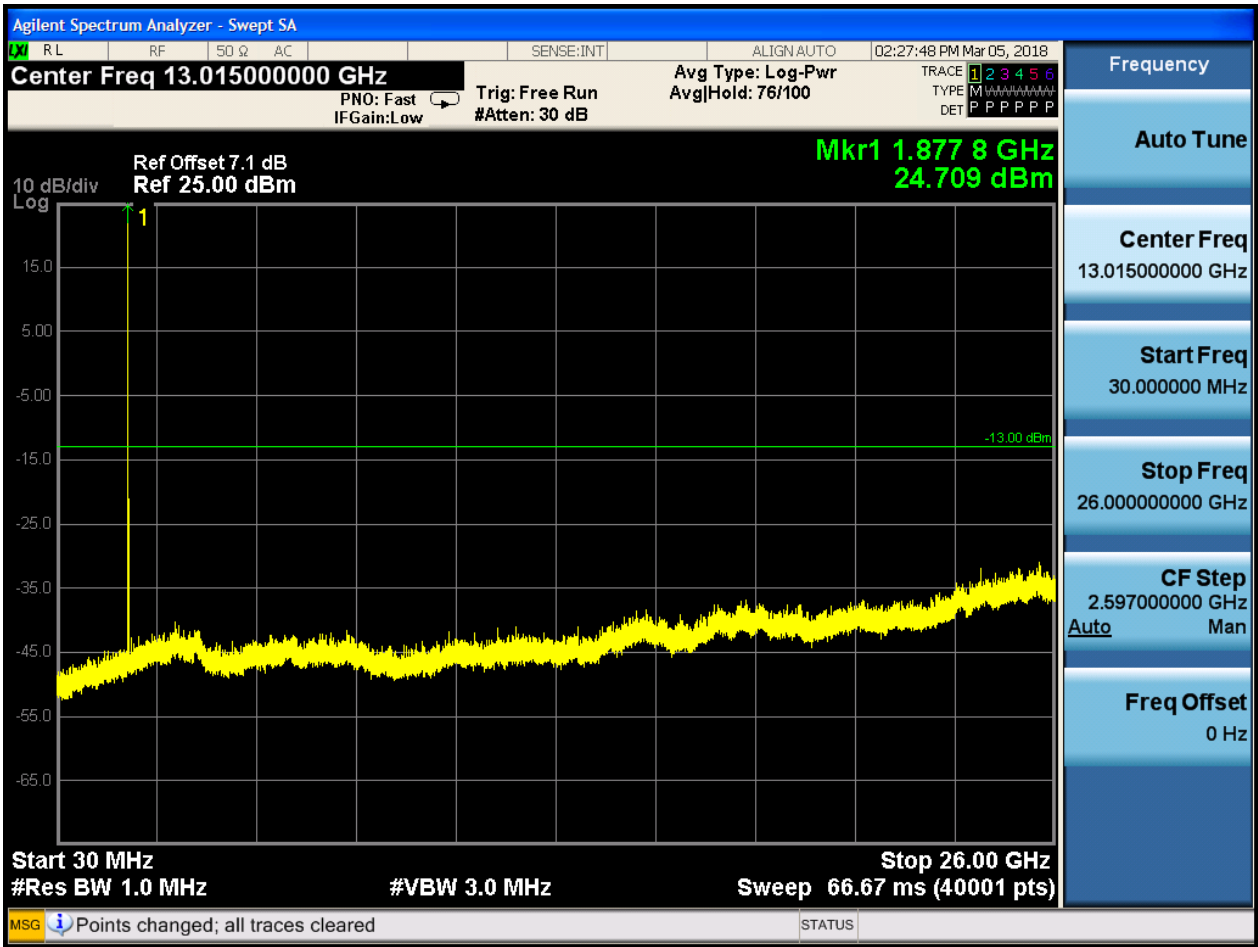


6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0

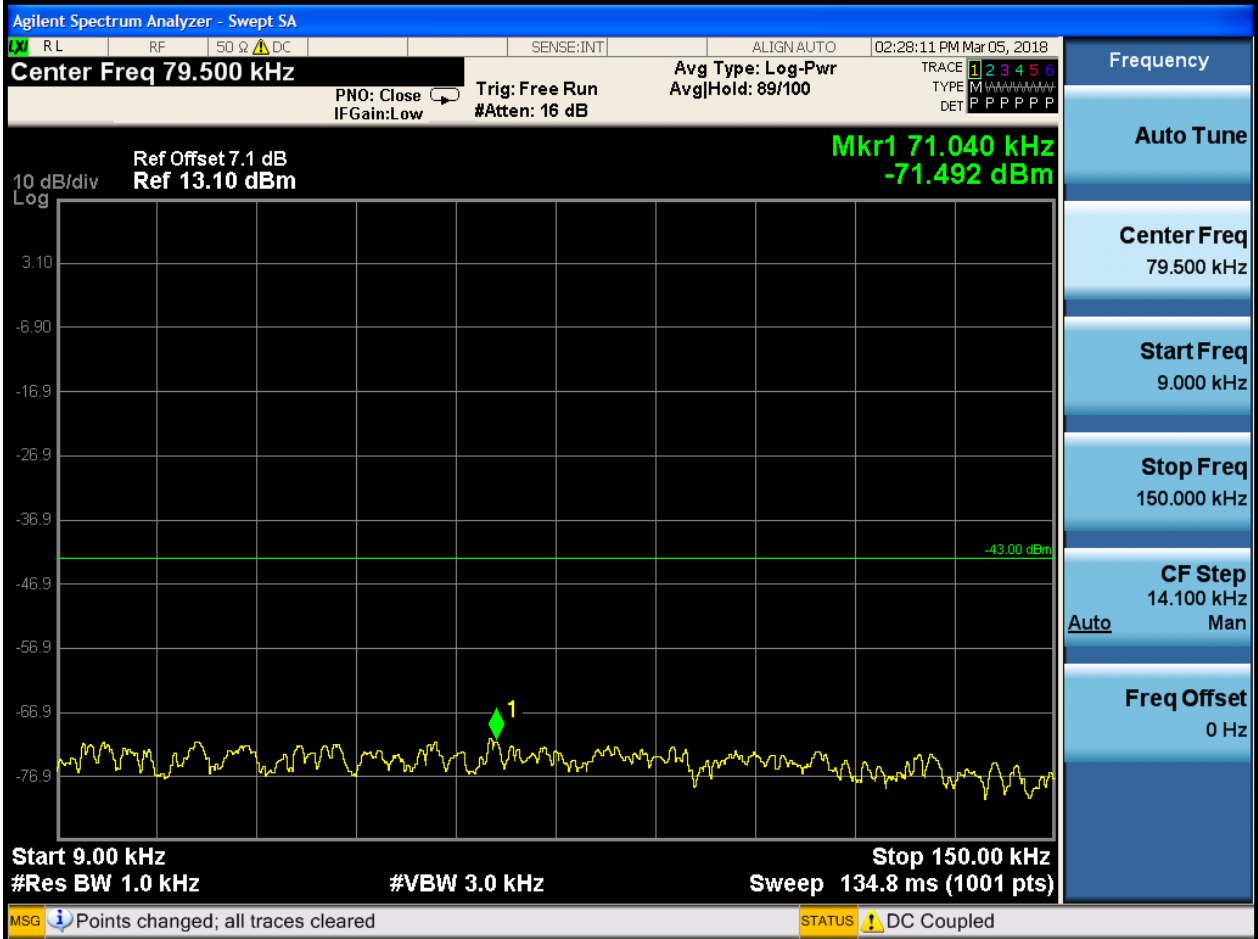




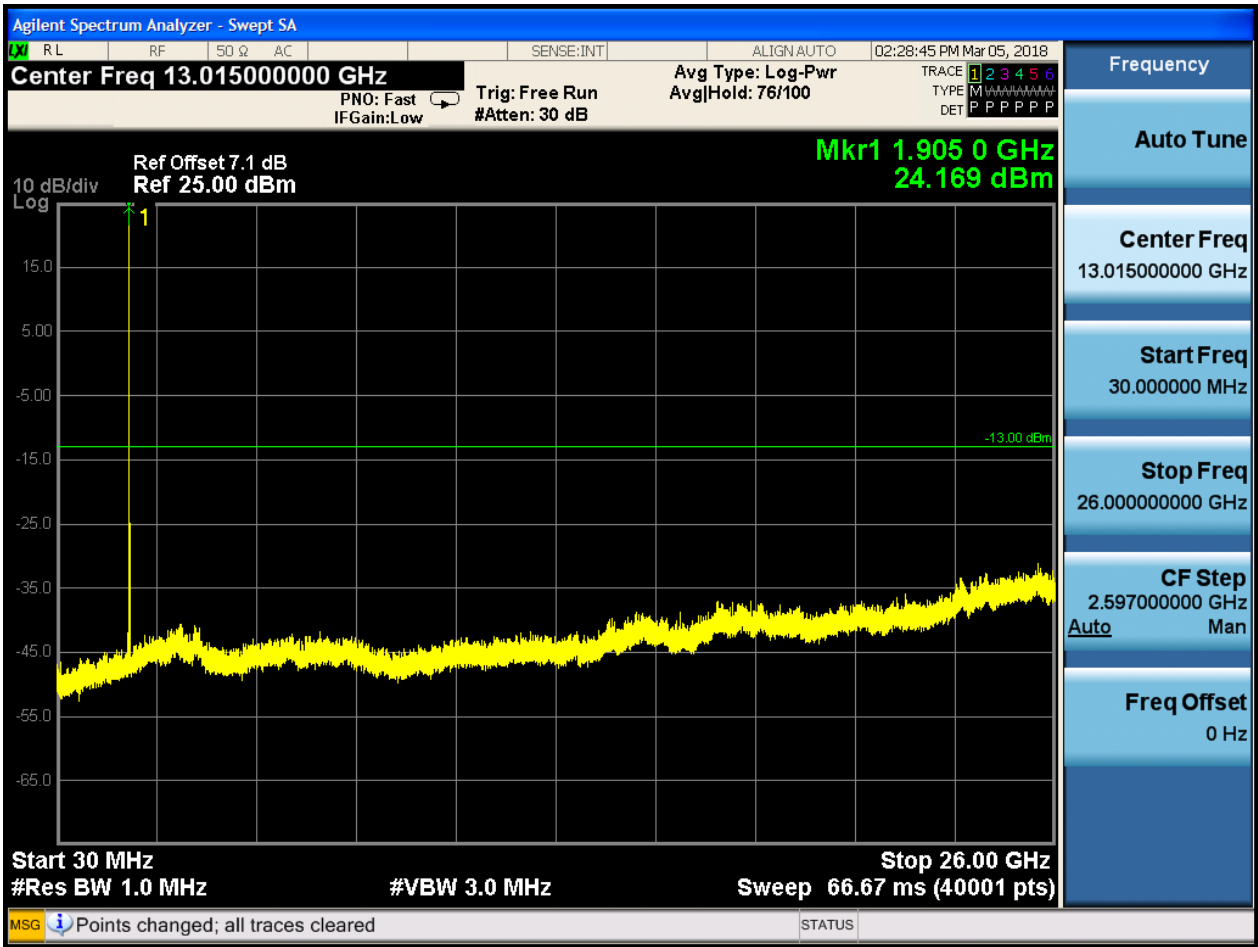


6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0





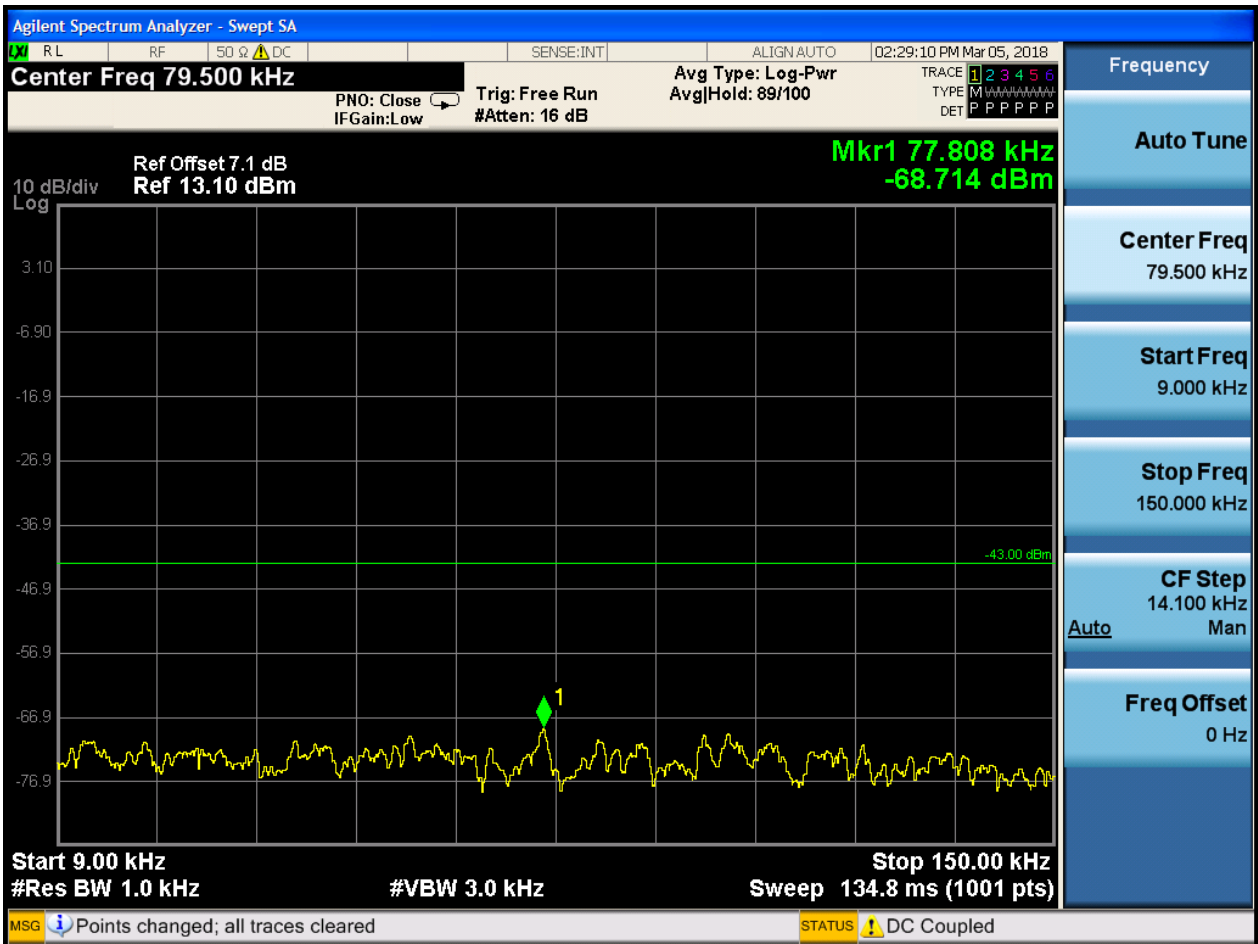




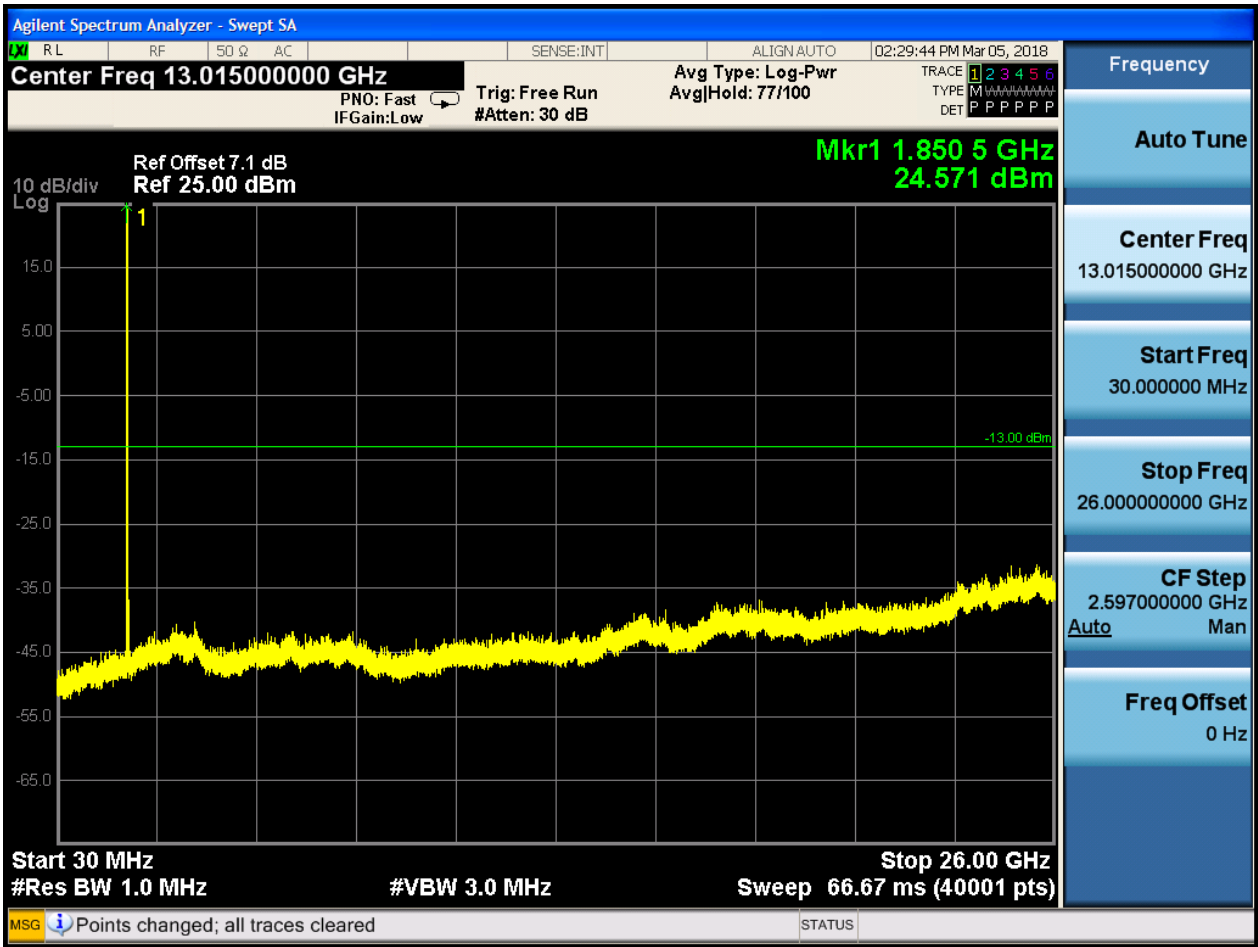
6.1.1.2.4 Test Bandwidth = 10

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0

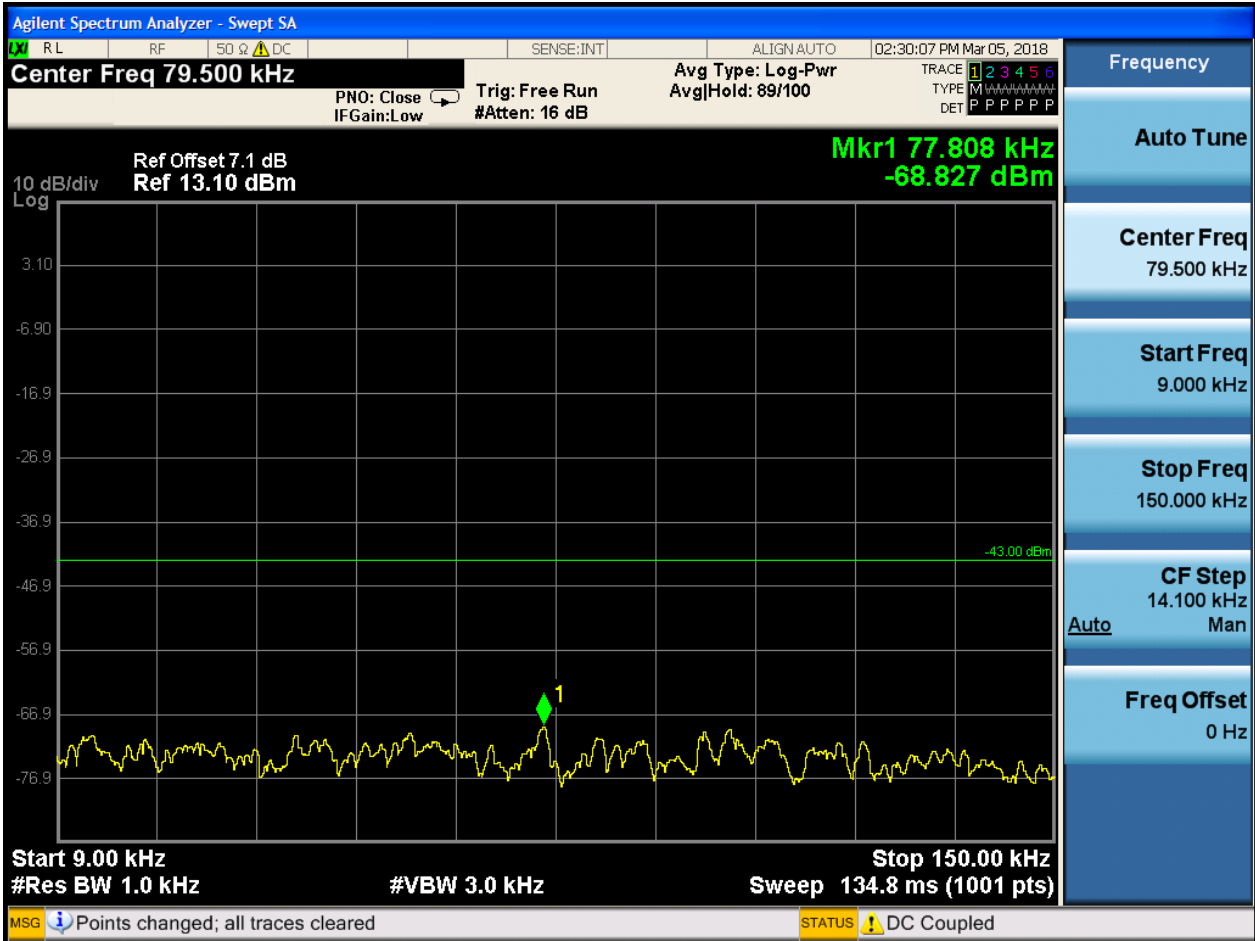


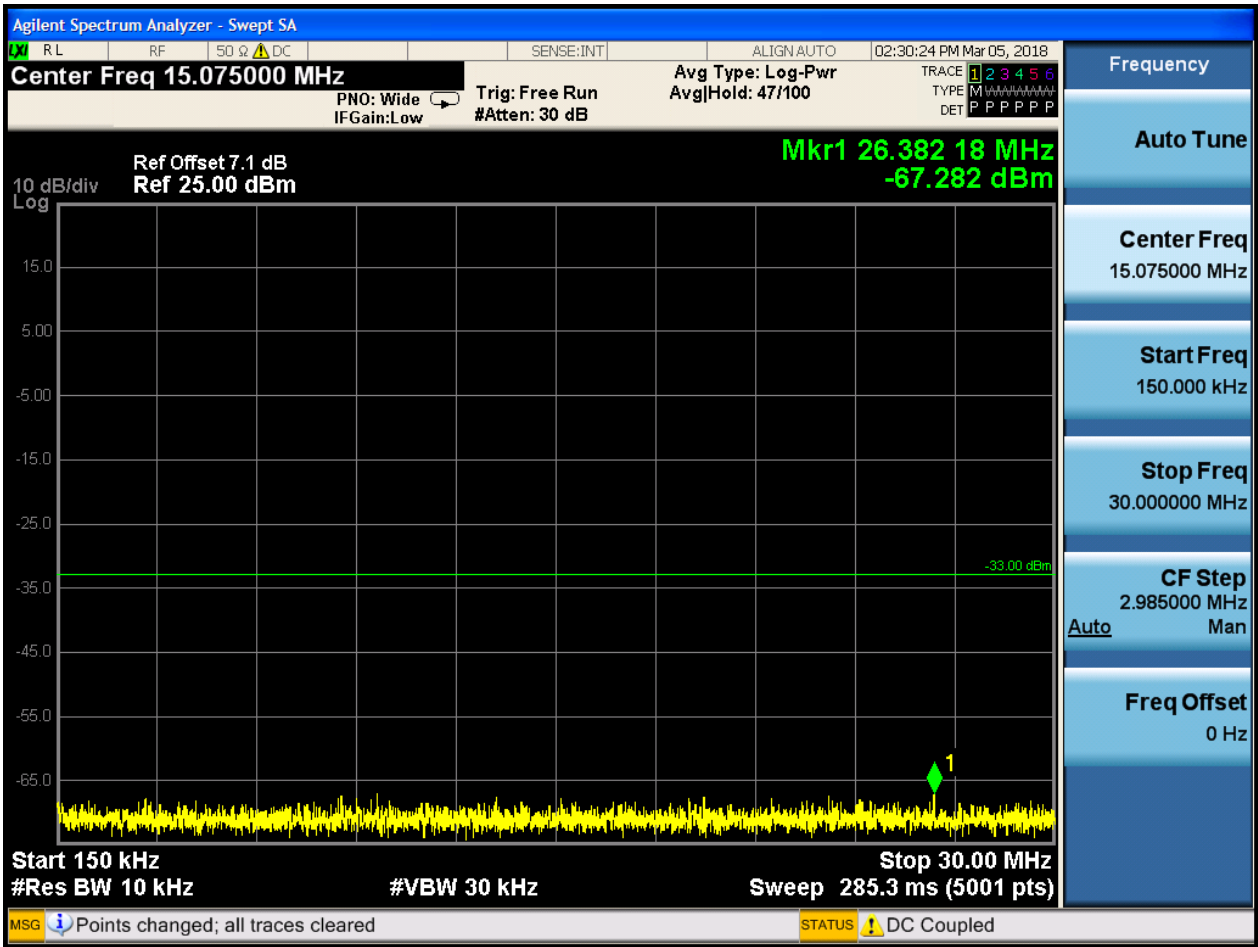


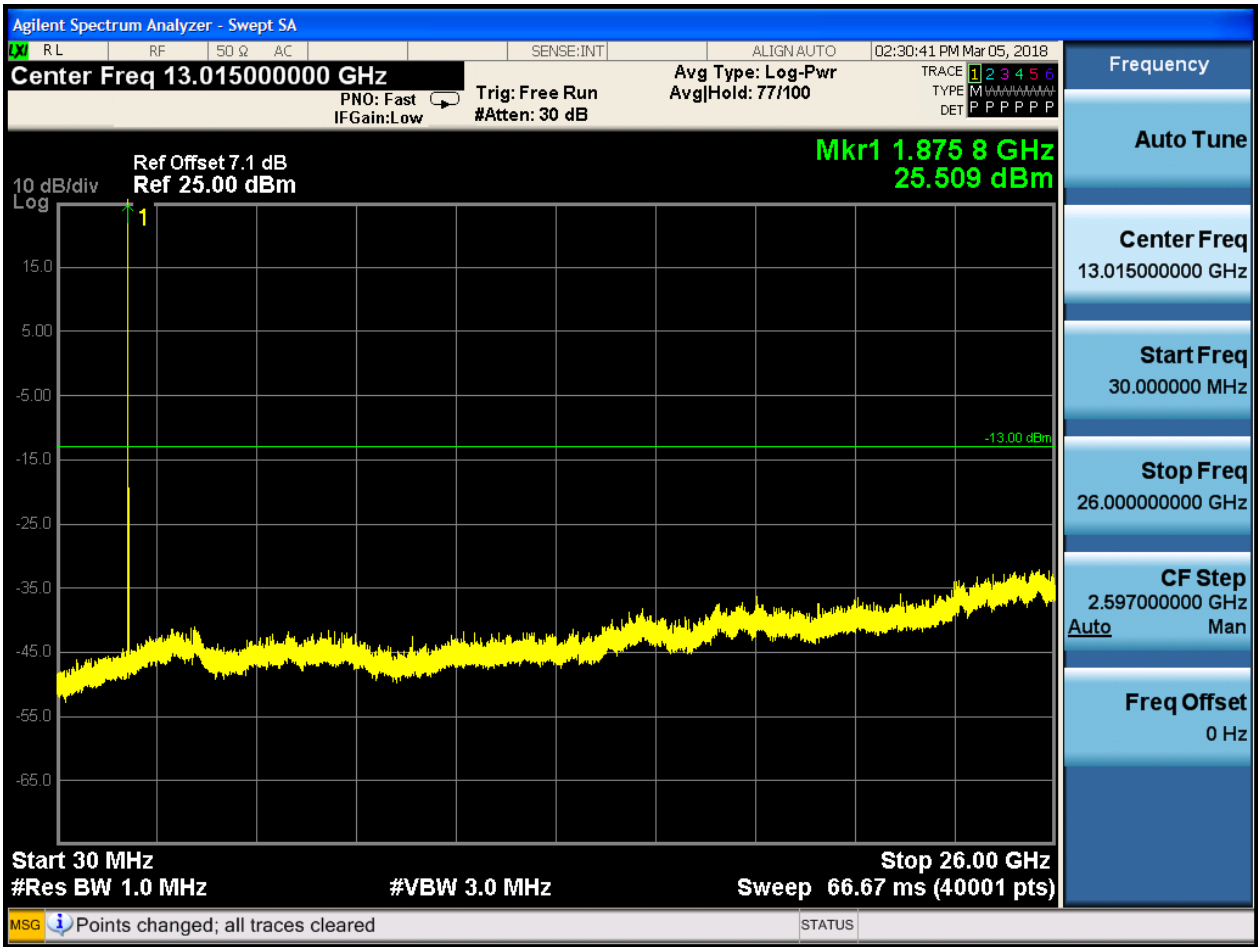


6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0

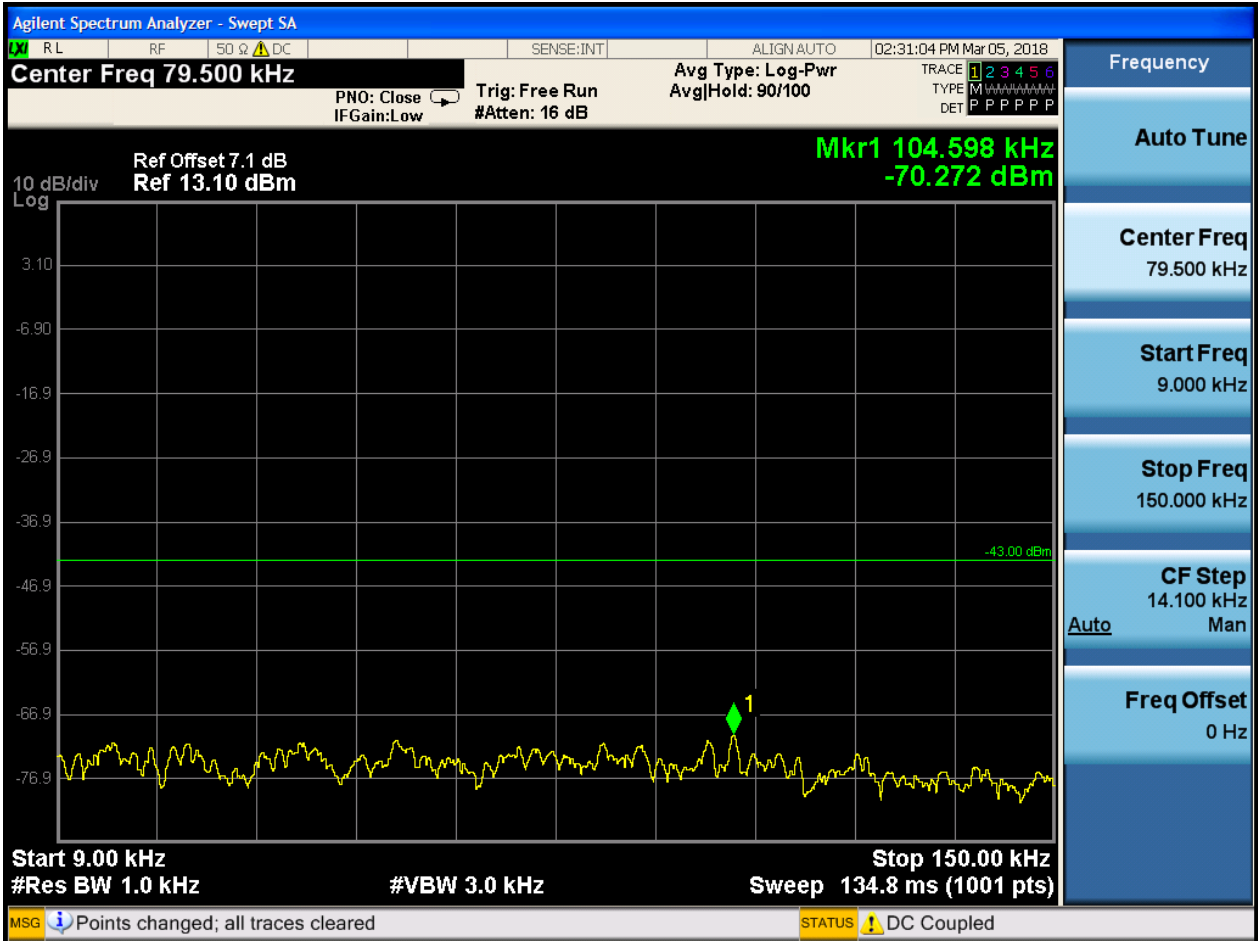


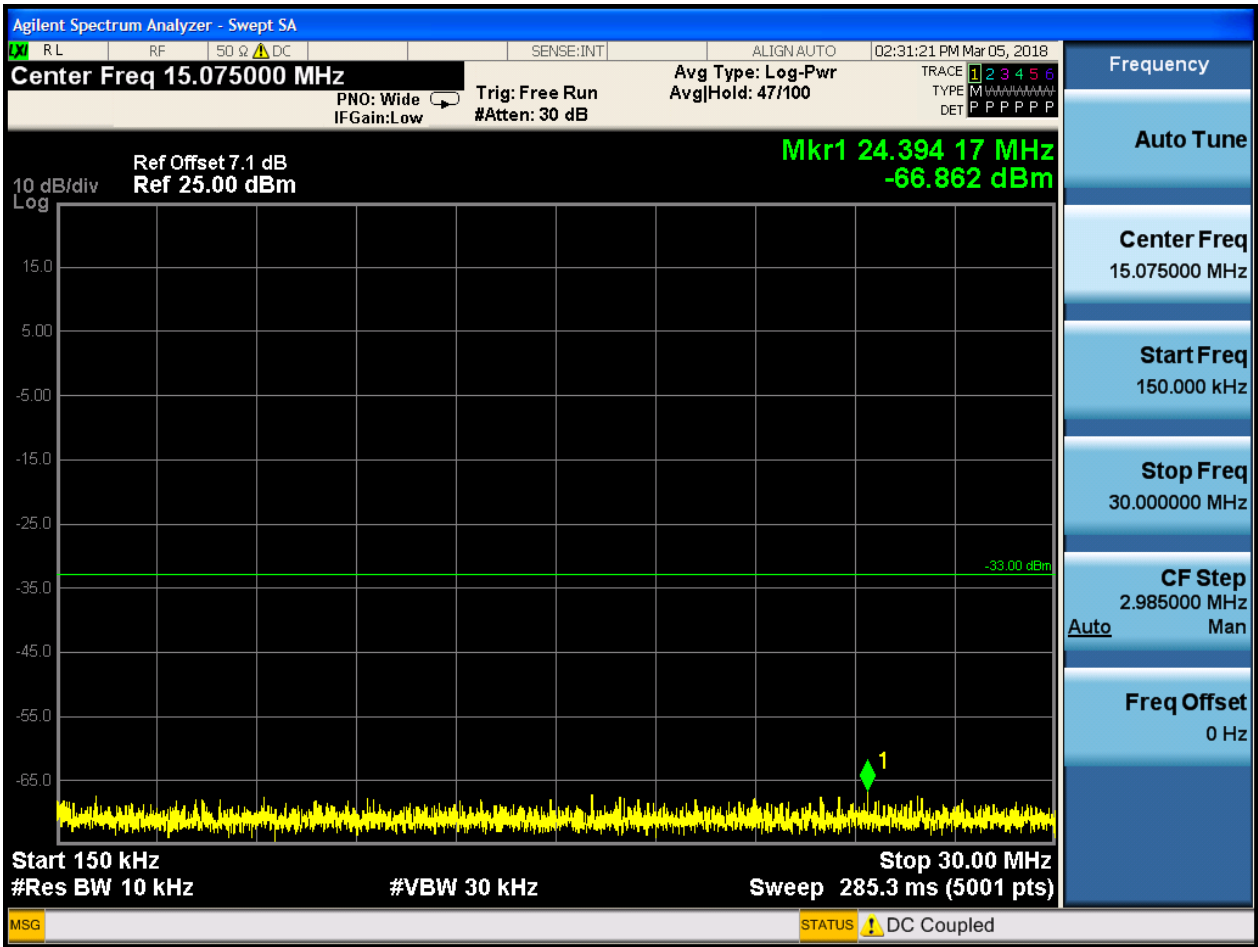


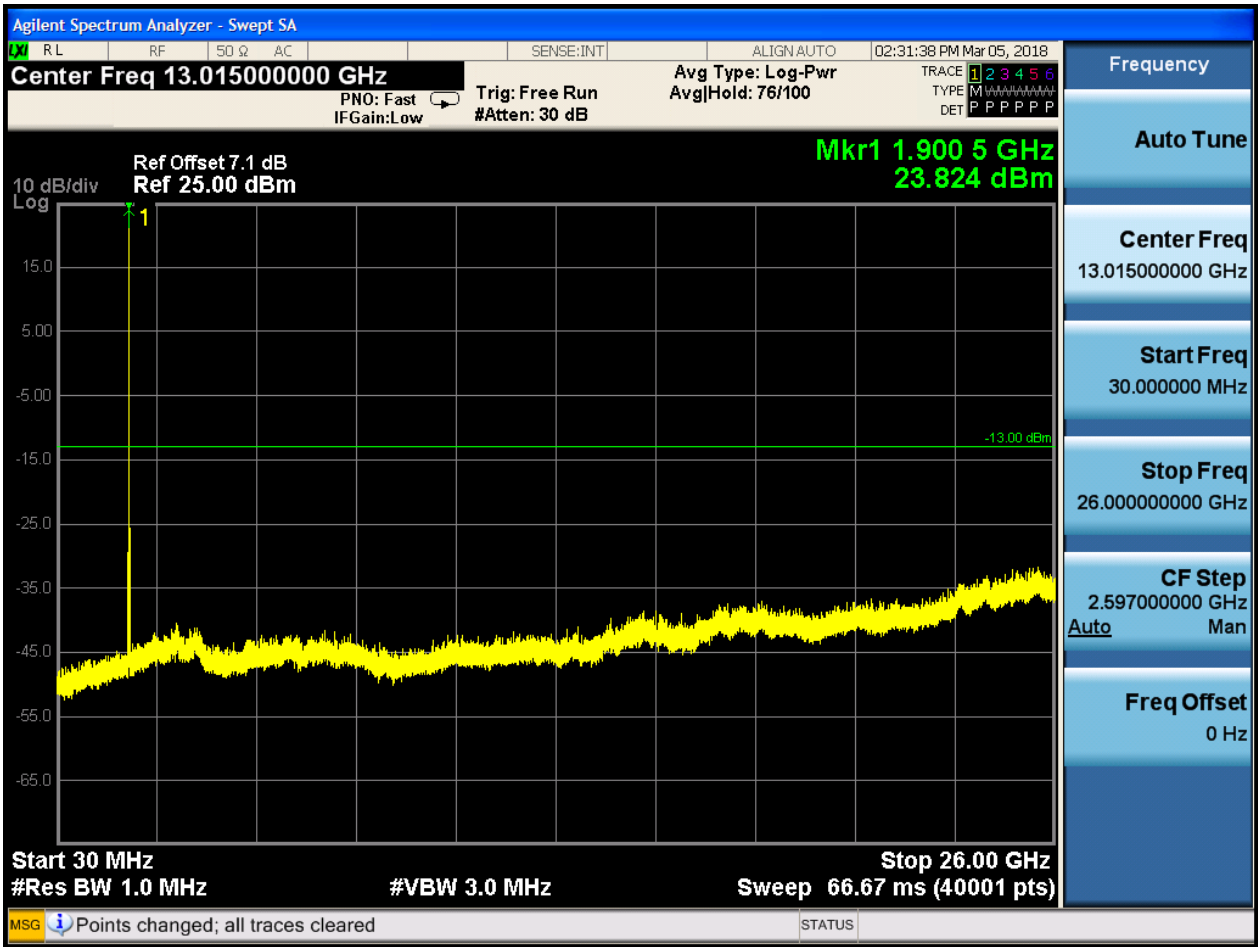


6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0





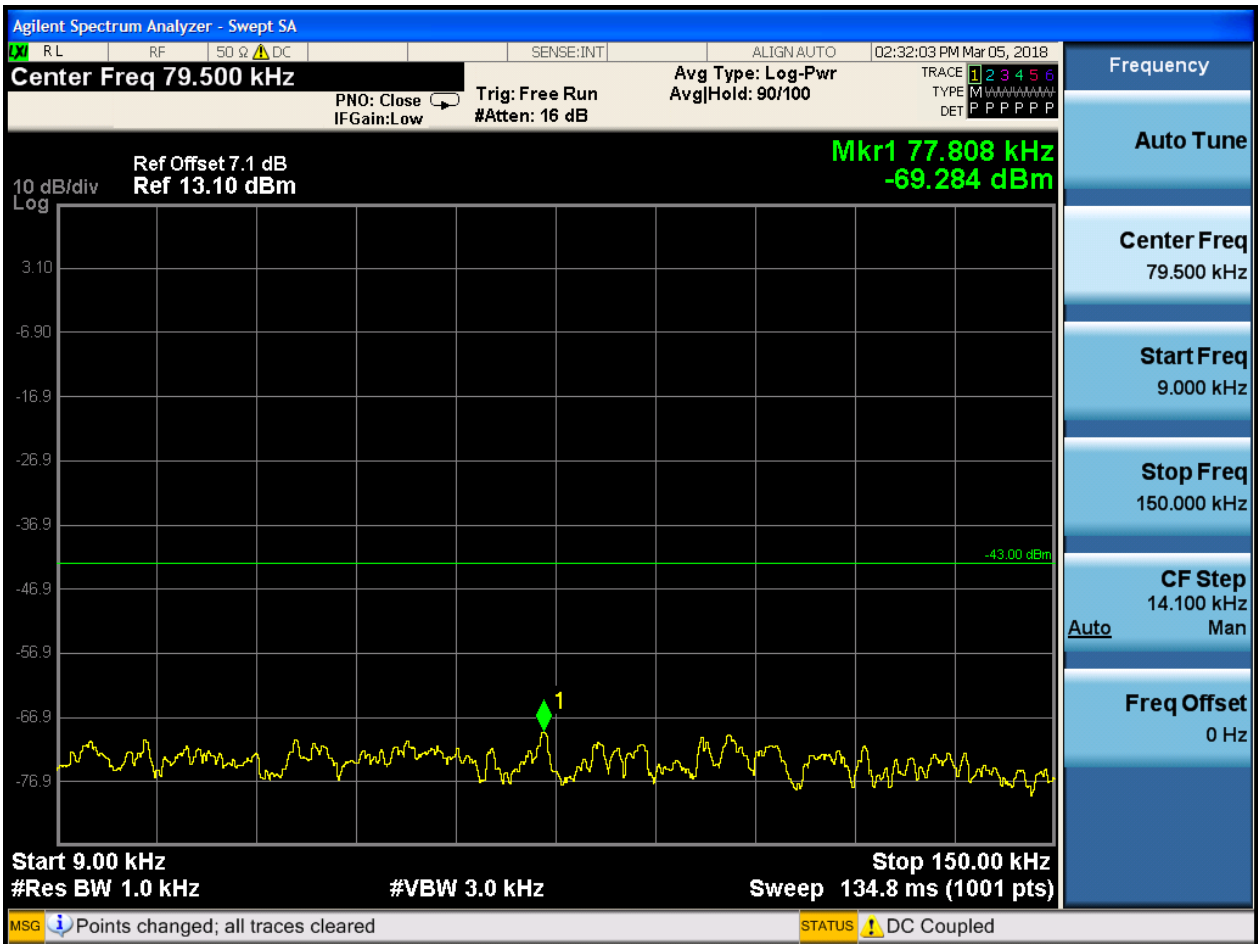


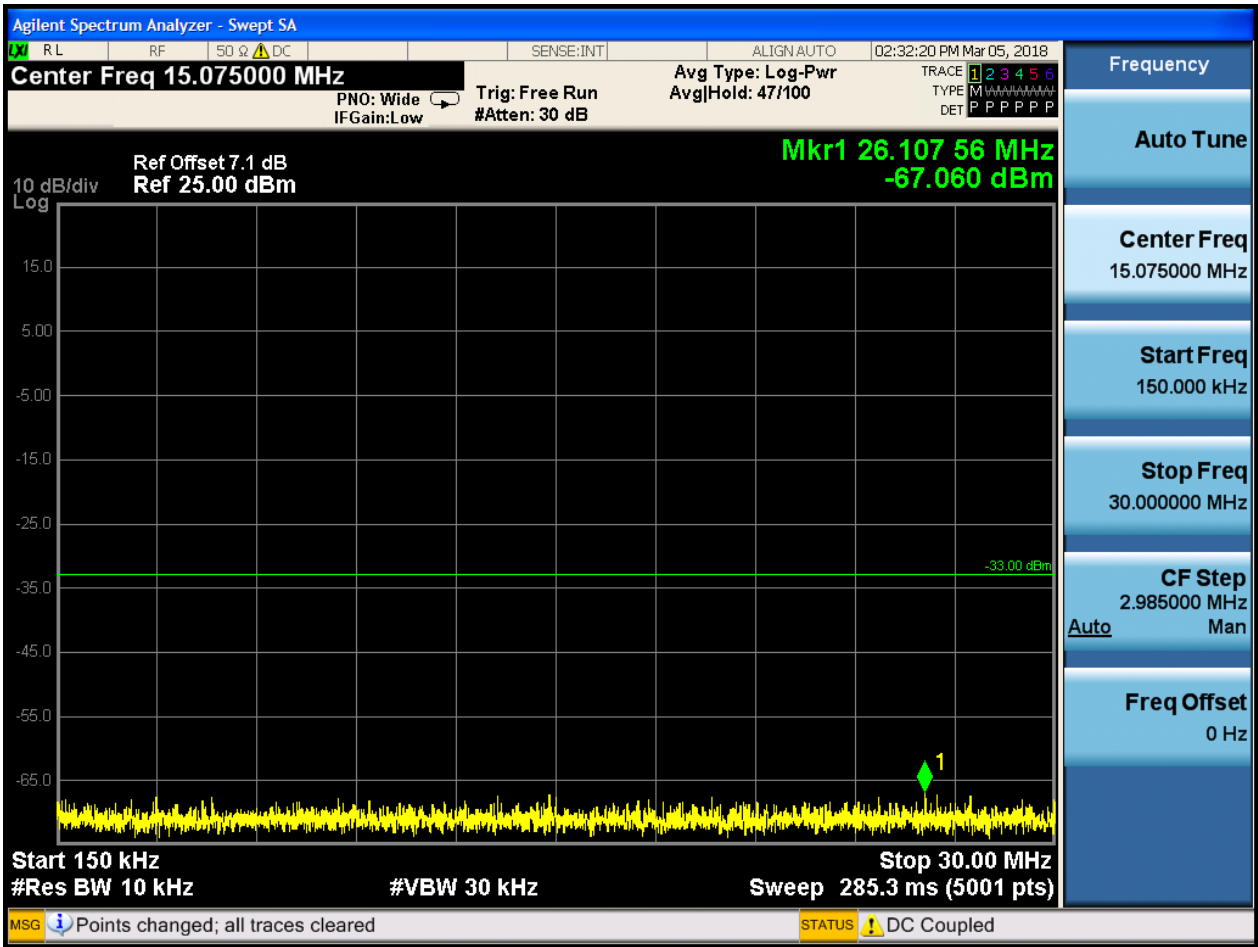


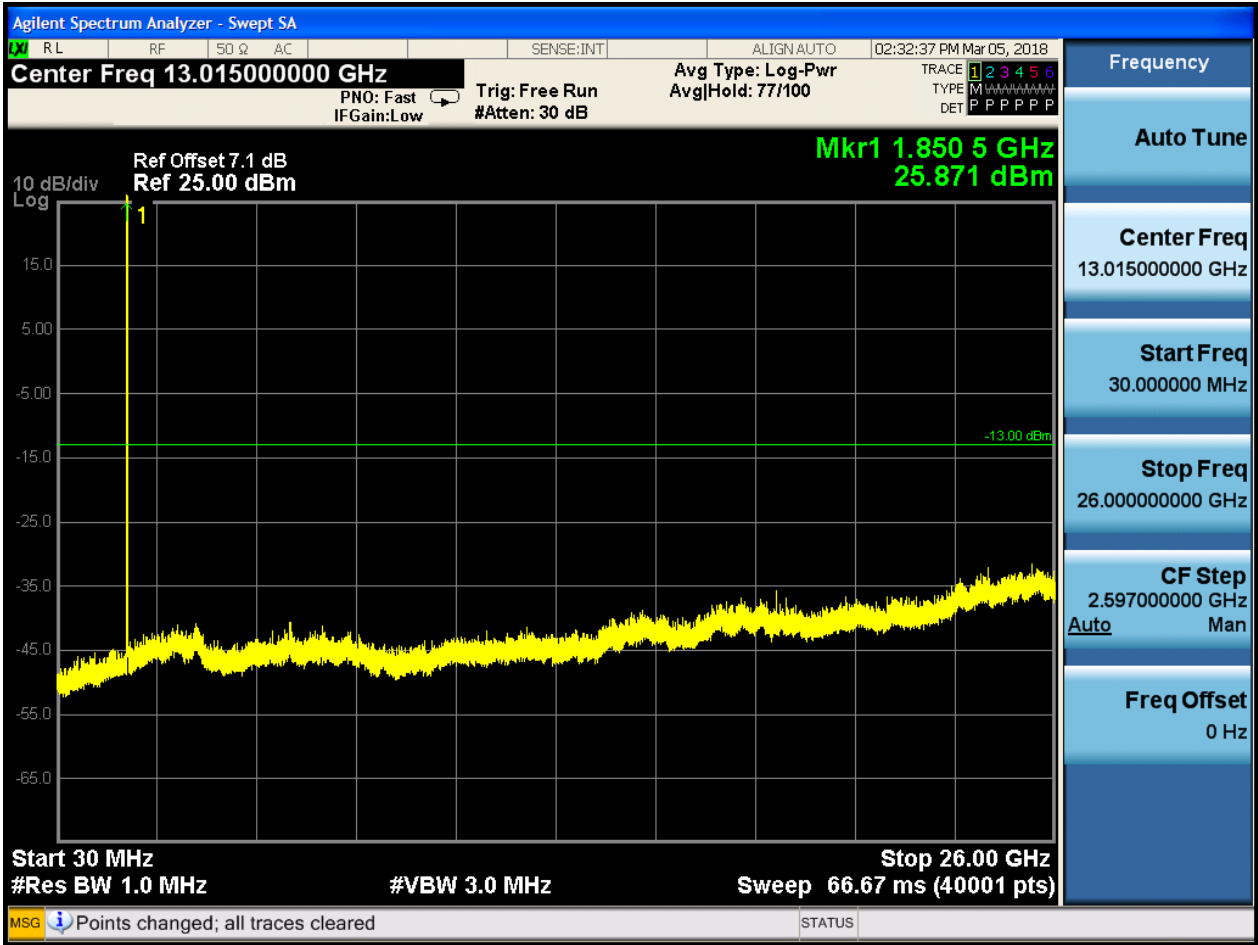
6.1.1.2.5 Test Bandwidth = 15

6.1.1.2.5.1 Test Channel = LCH

6.1.1.2.5.1.1 Test RB = RB1#0



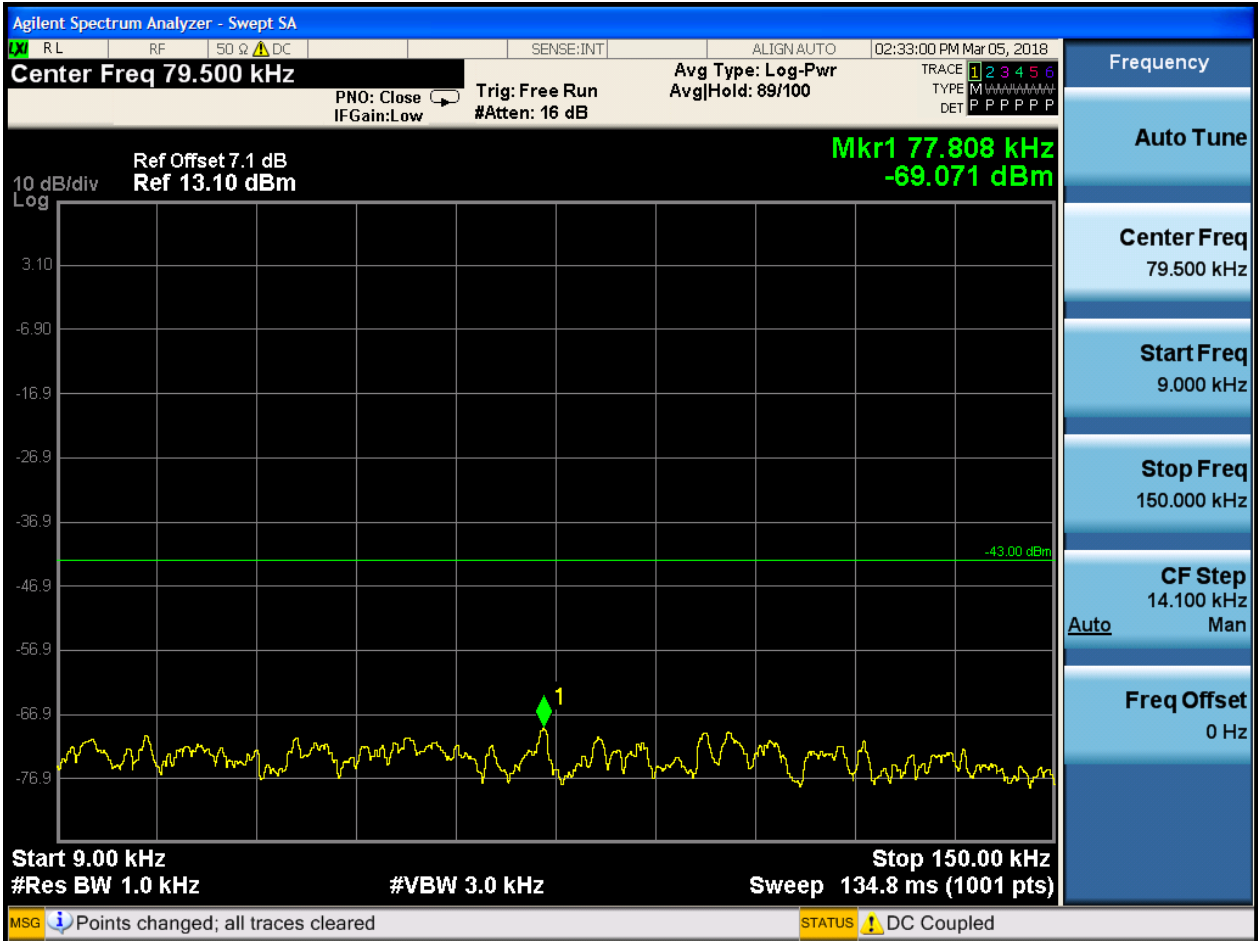


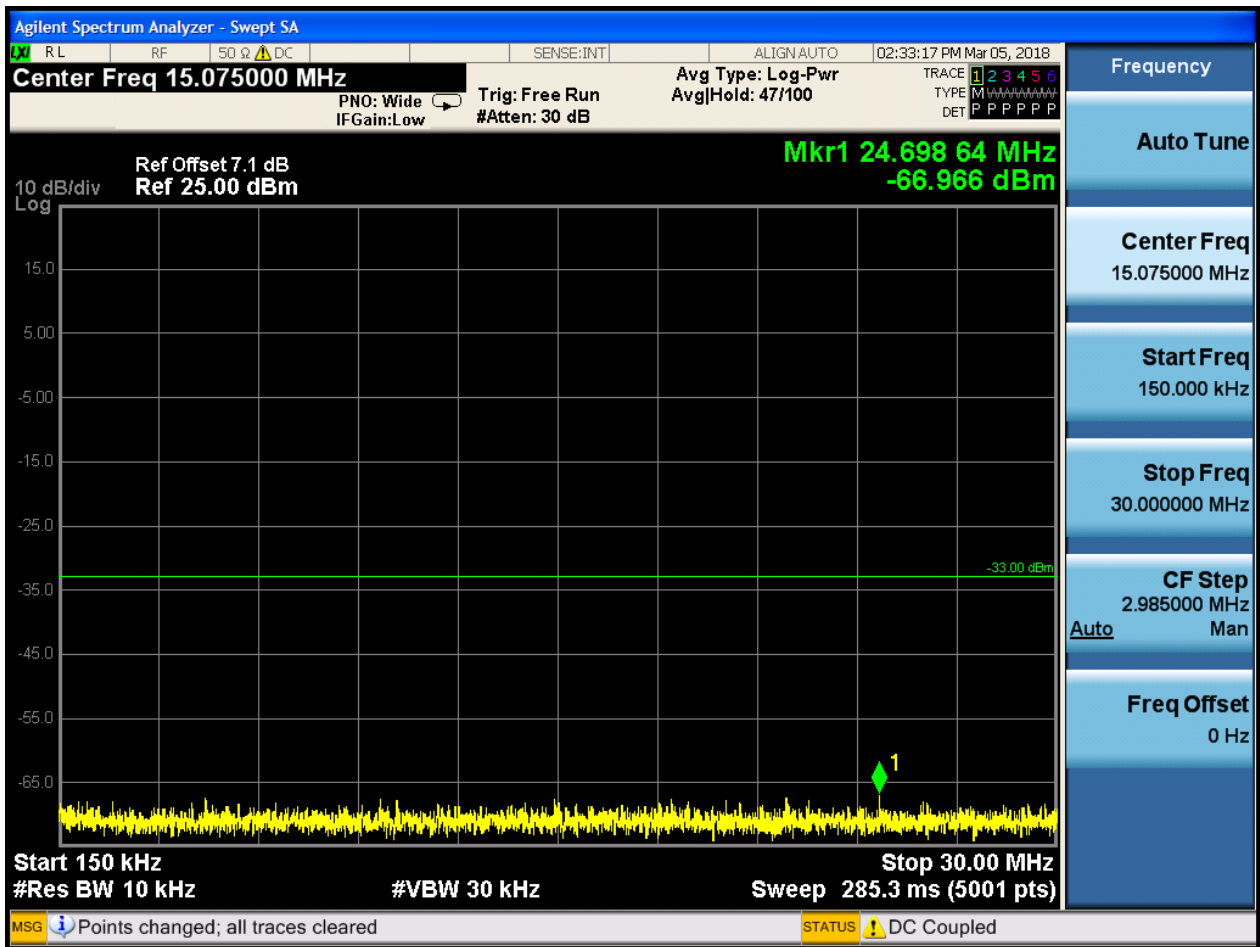


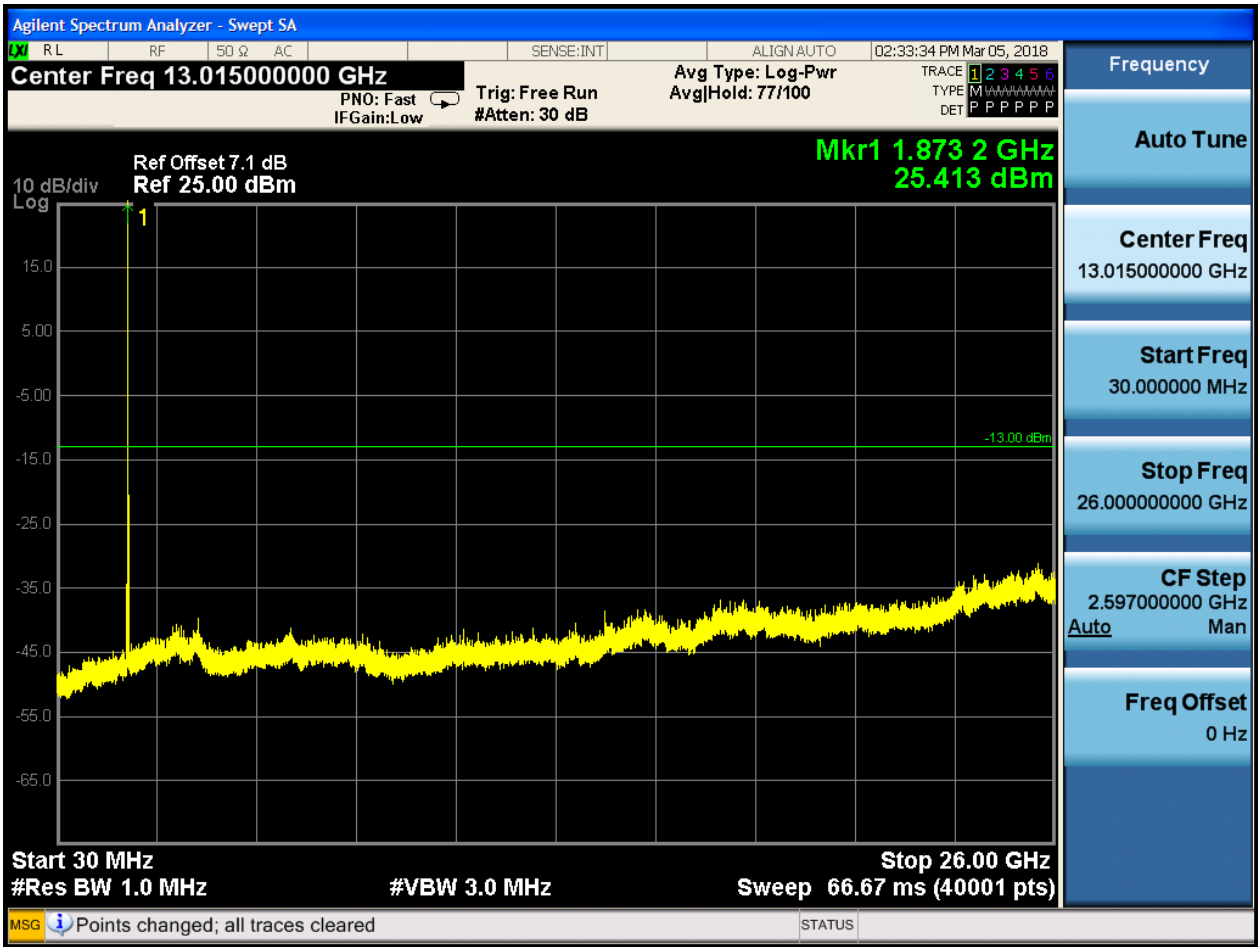


6.1.1.2.5.2 Test Channel = MCH

6.1.1.2.5.2.1 Test RB = RB1#0

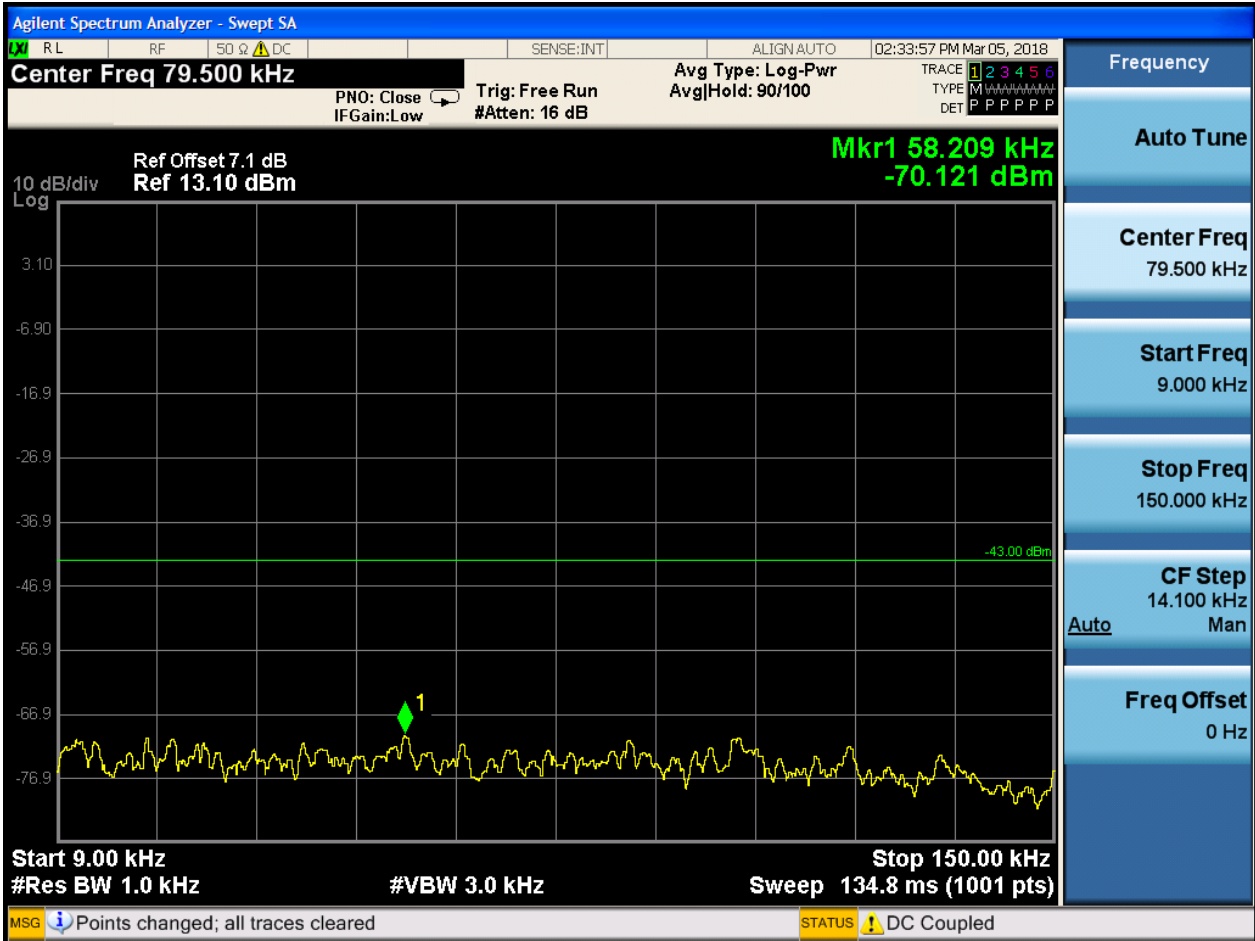


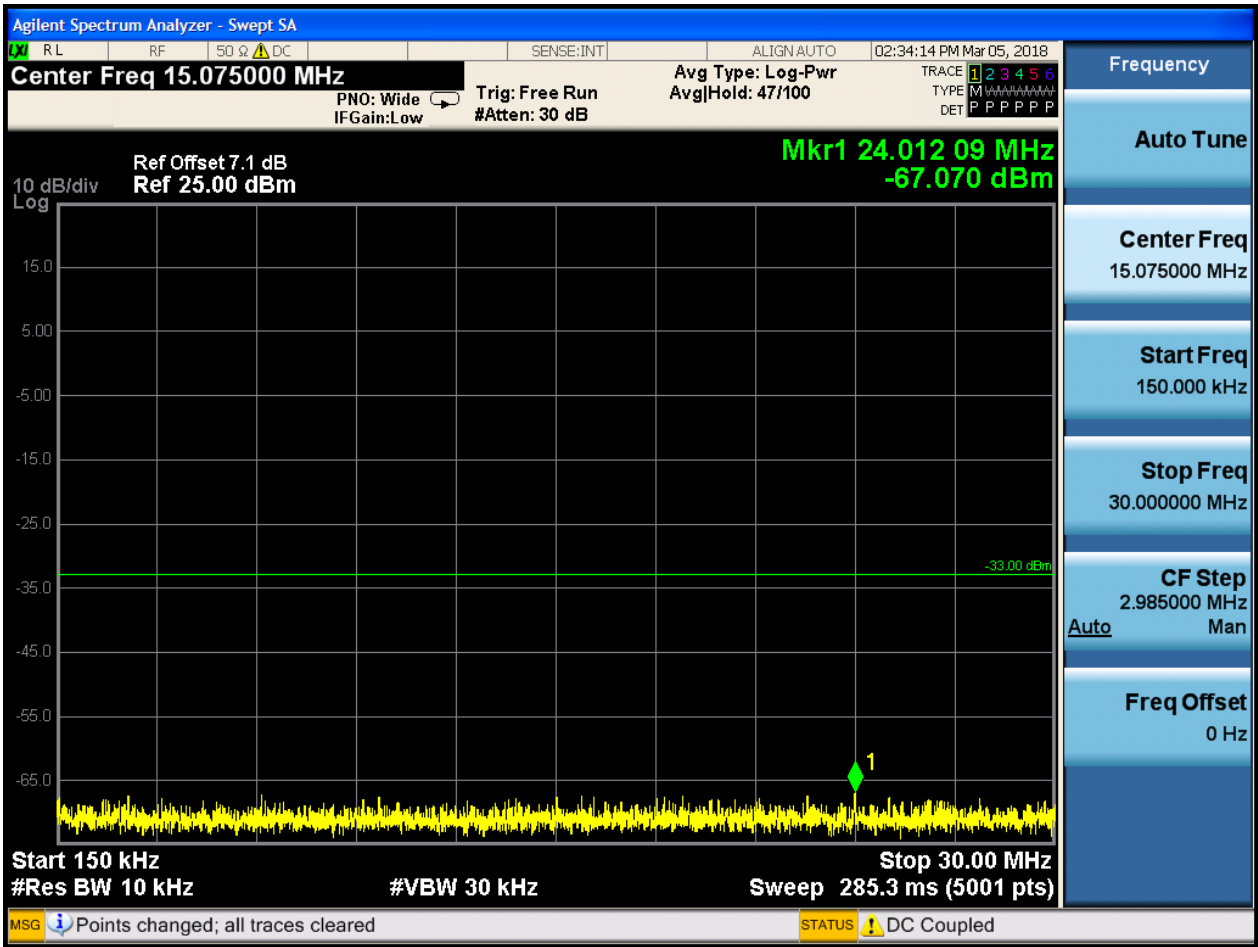


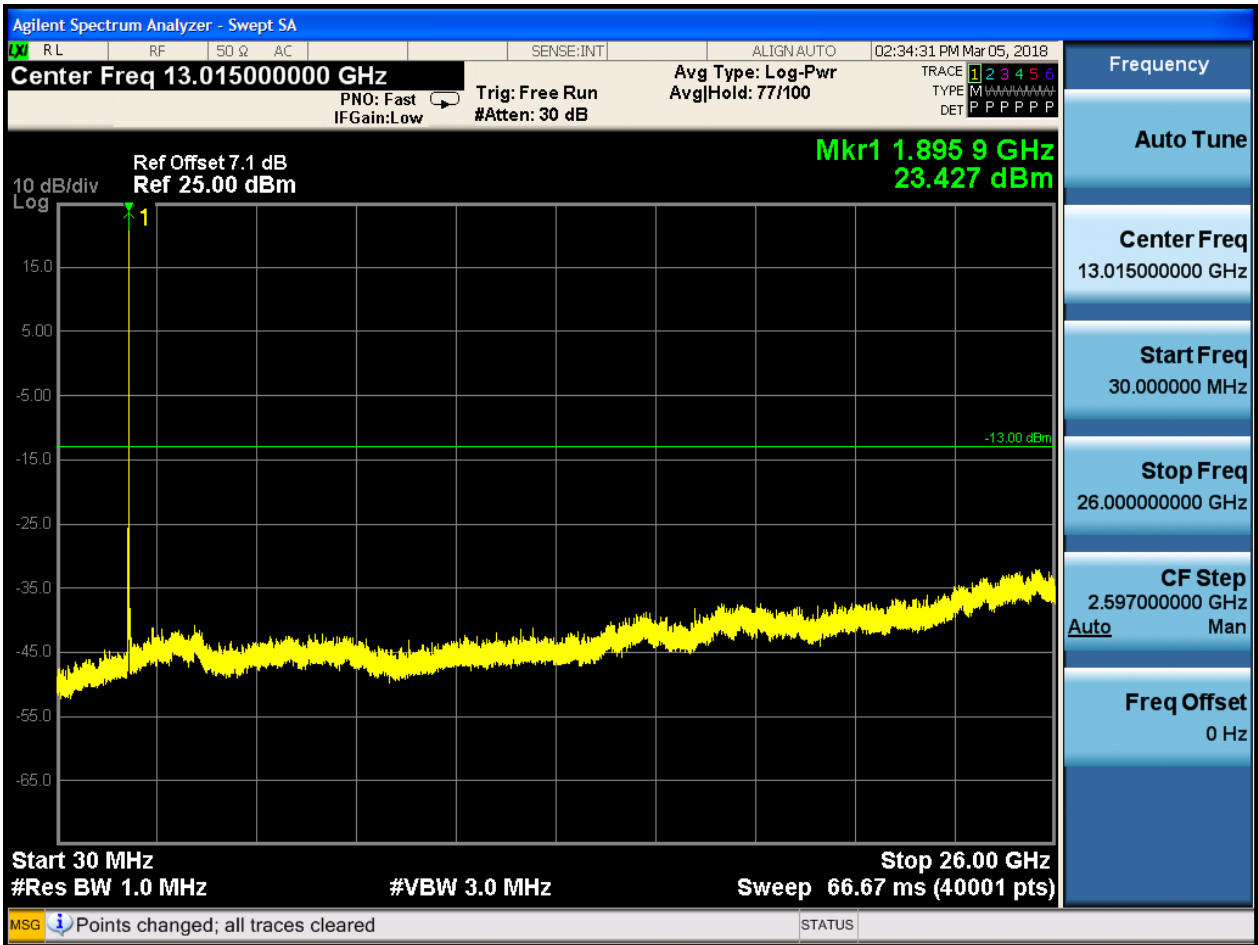


6.1.1.2.5.3 Test Channel = HCH

6.1.1.2.5.3.1 Test RB = RB1#0





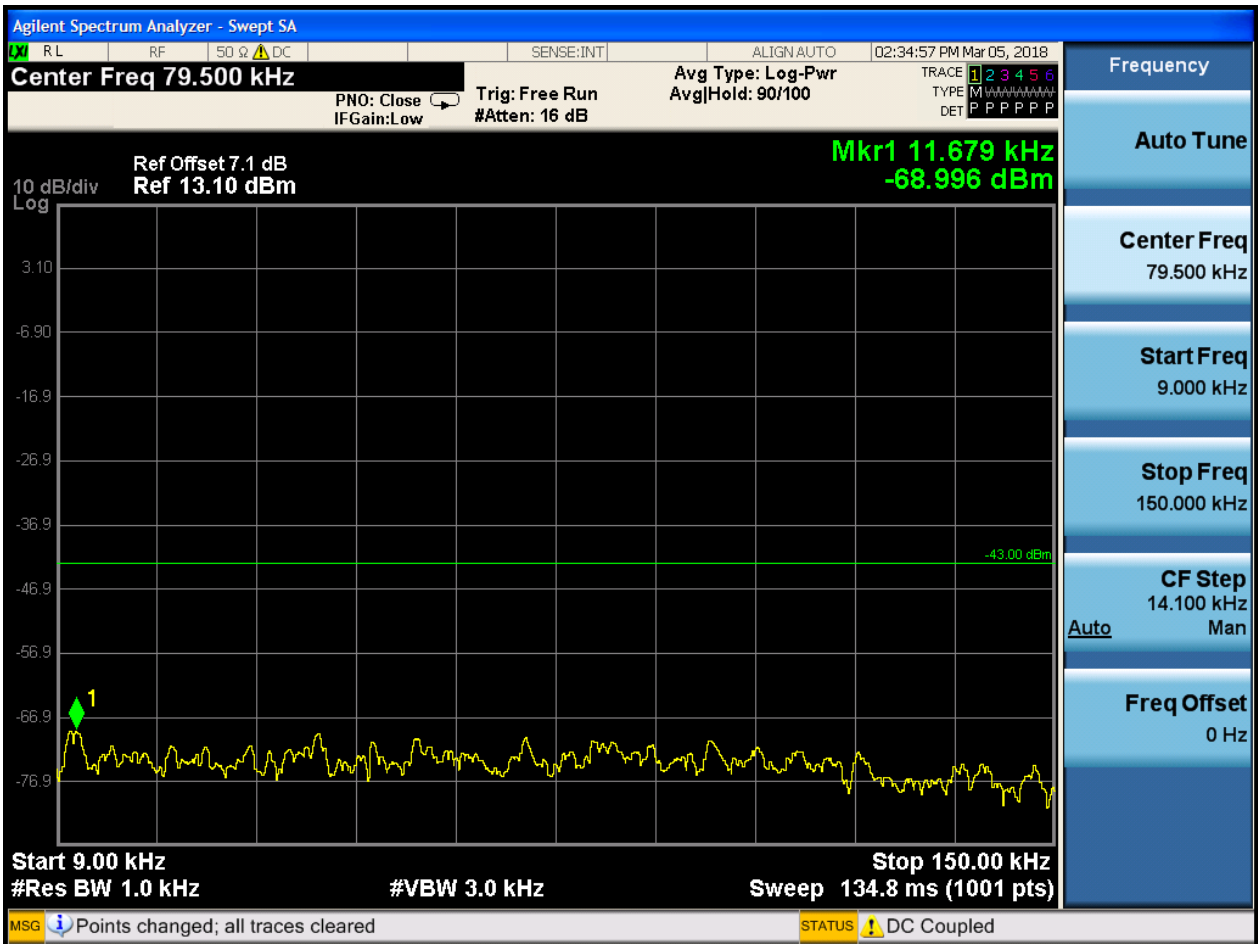


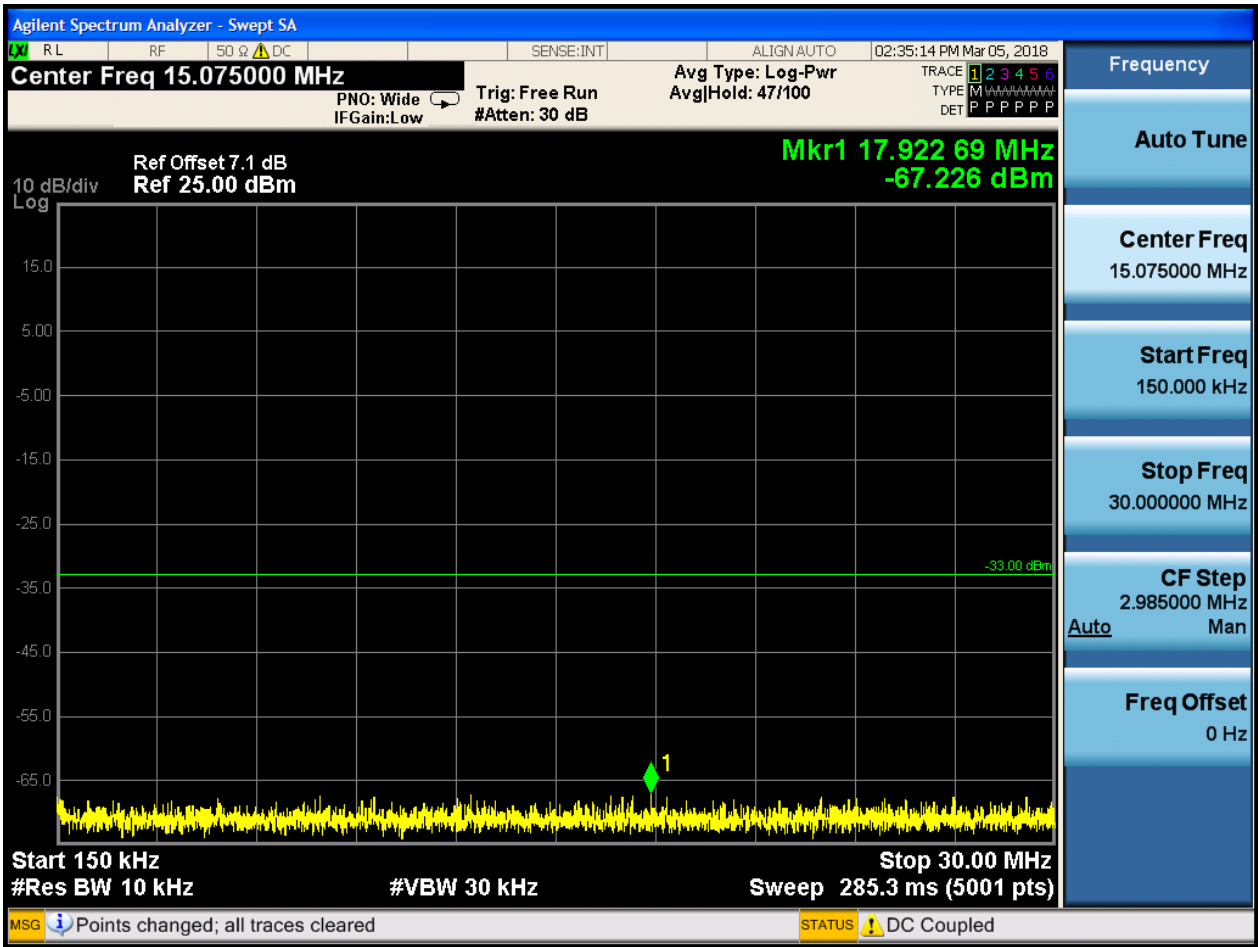


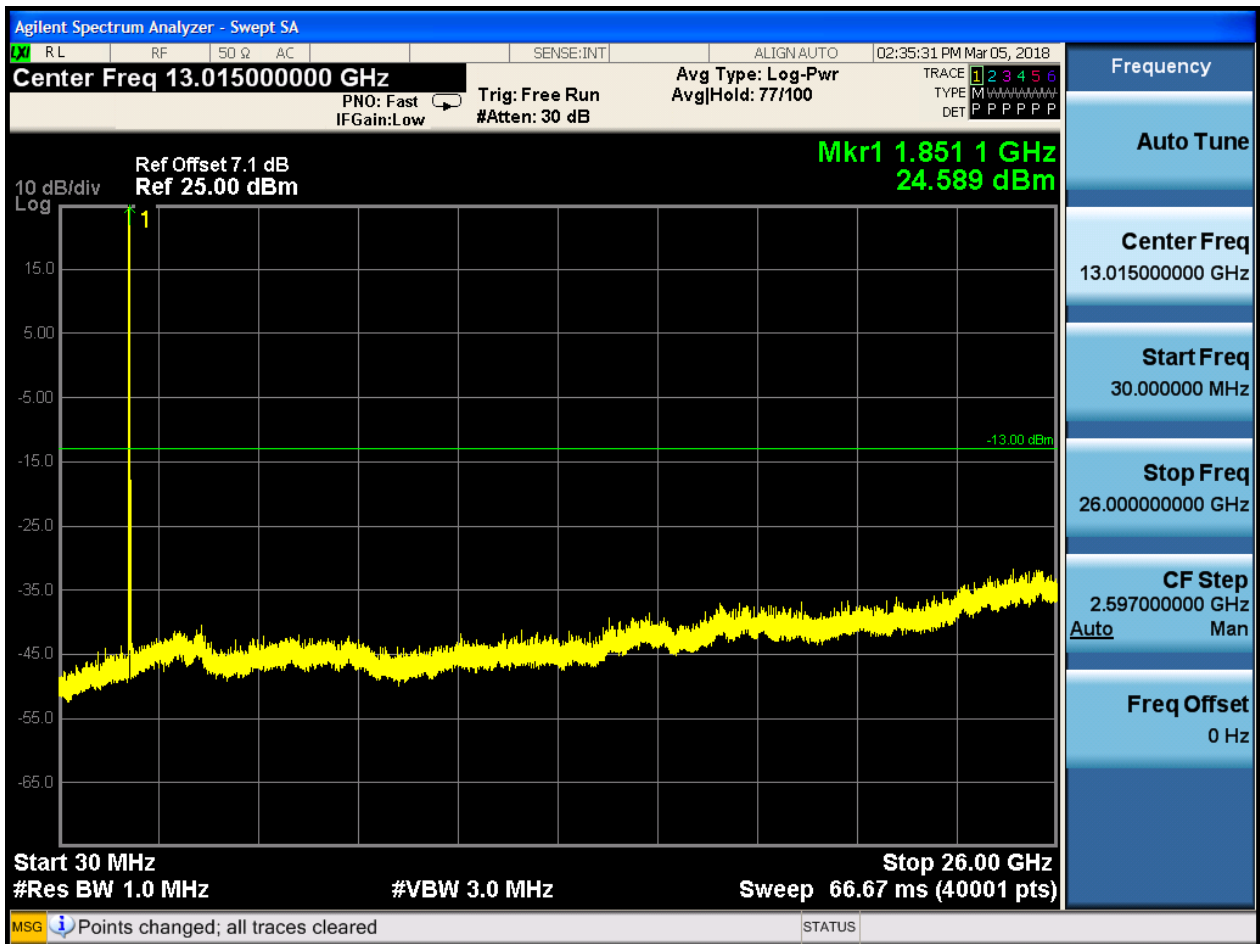
6.1.1.2.6 Test Bandwidth = 20

6.1.1.2.6.1 Test Channel = LCH

6.1.1.2.6.1.1 Test RB = RB1#0



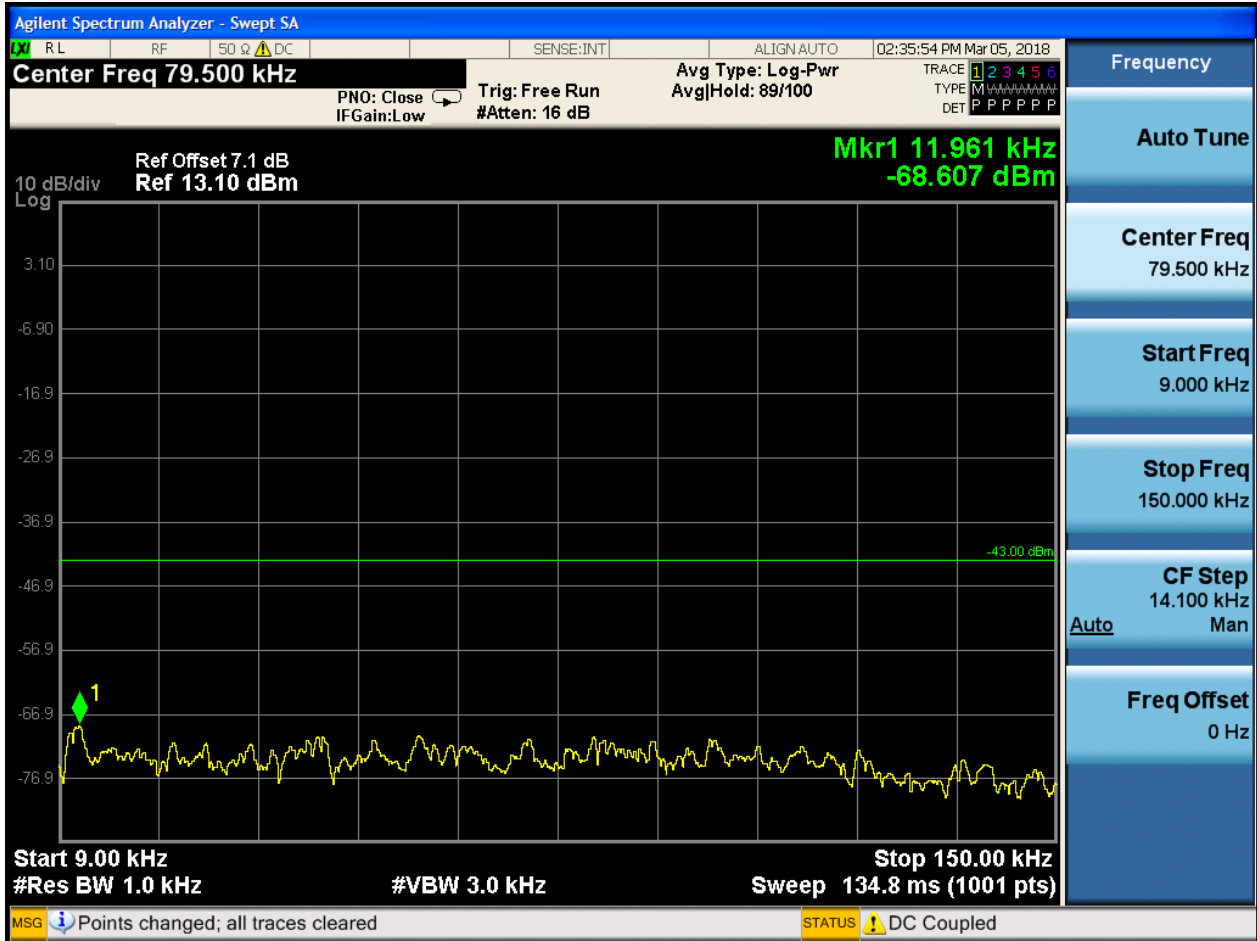


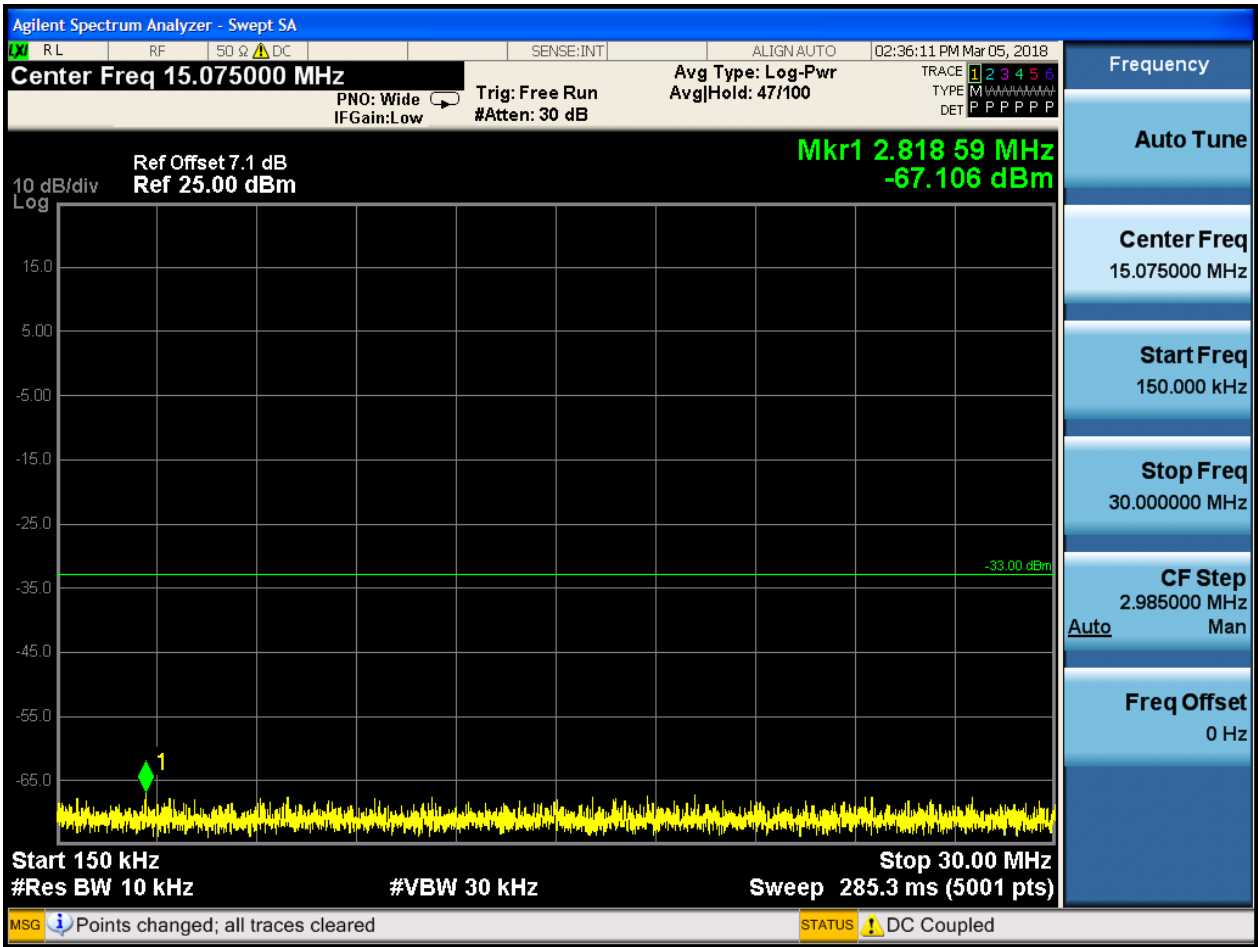


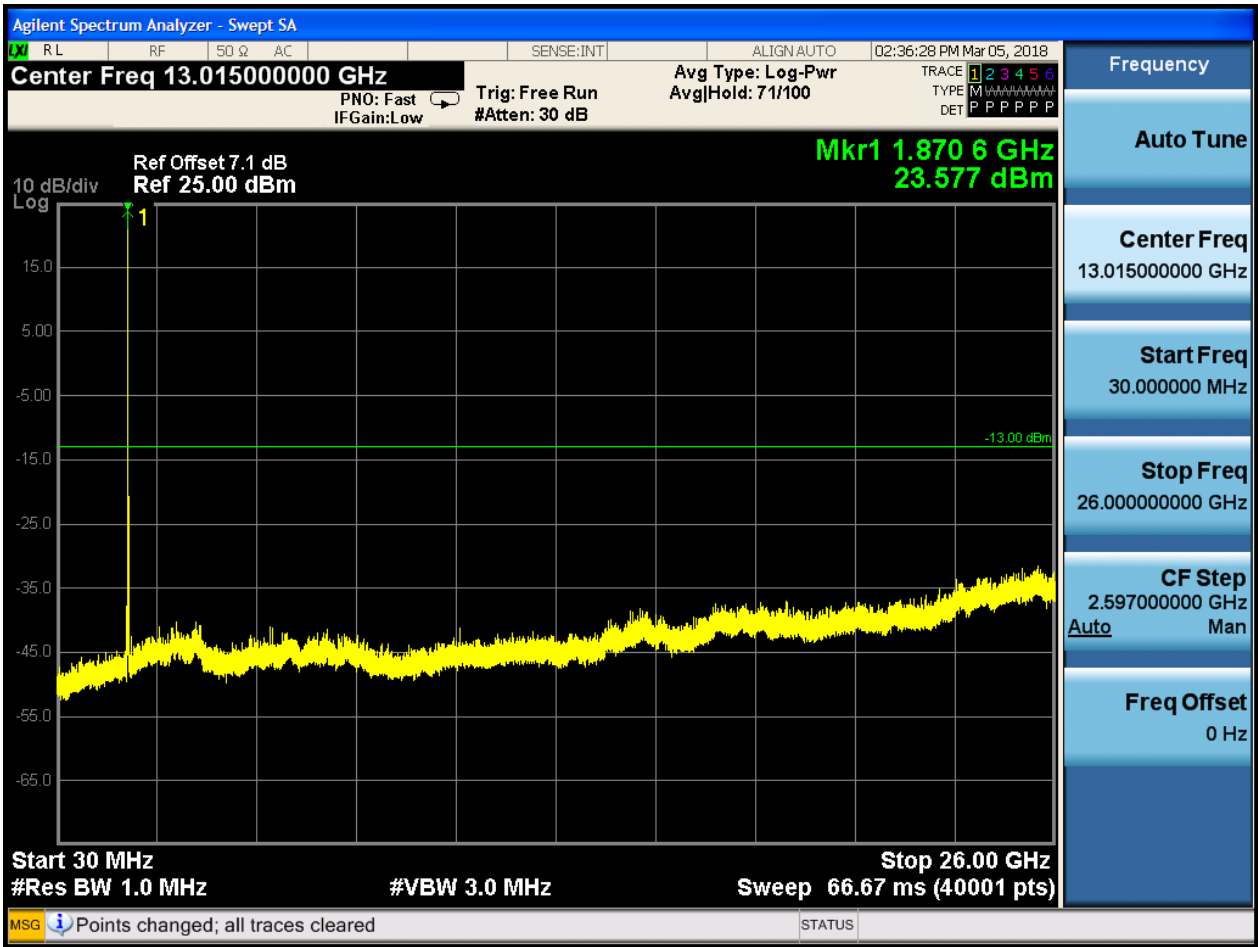


6.1.1.2.6.2 Test Channel = MCH

6.1.1.2.6.2.1 Test RB = RB1#0

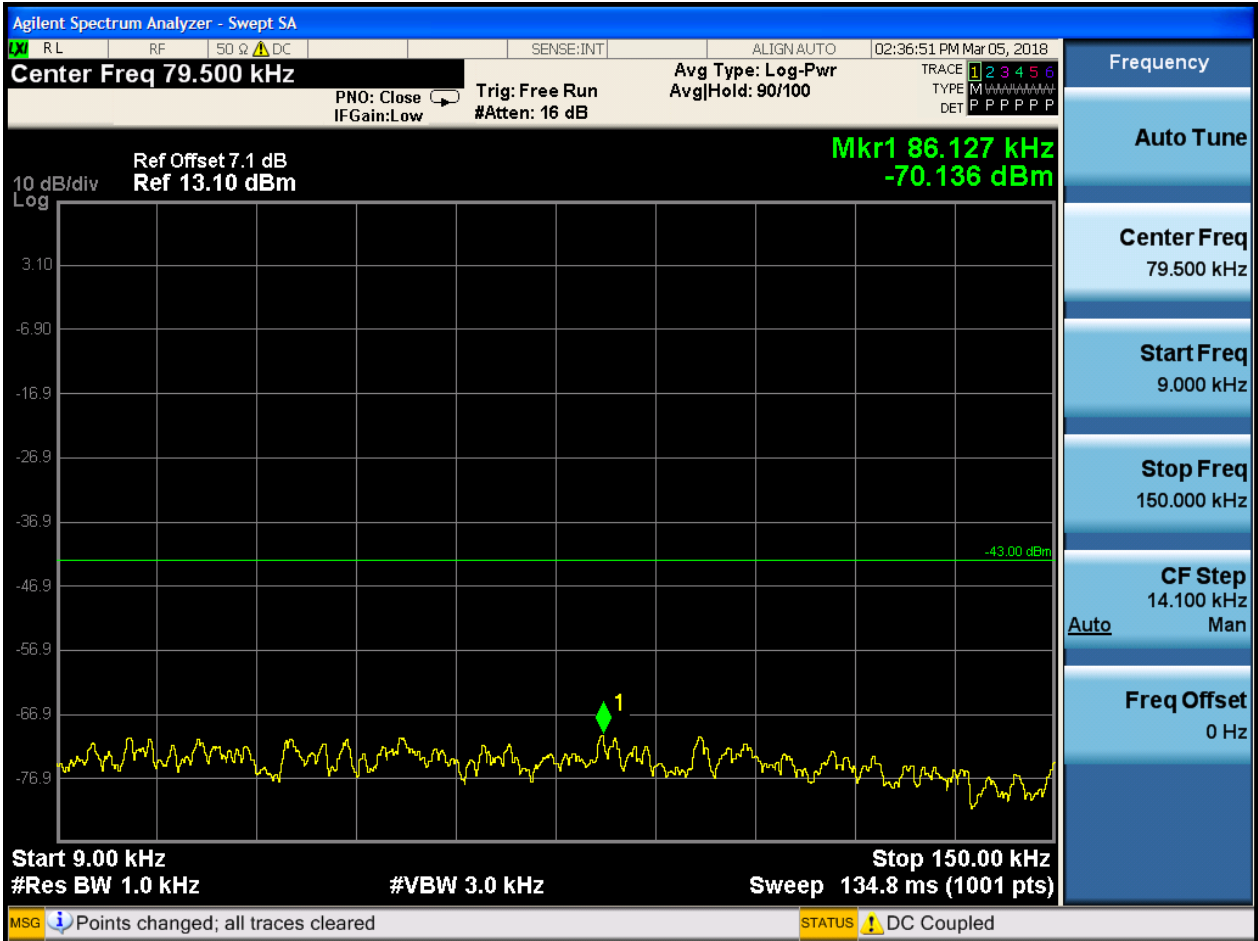


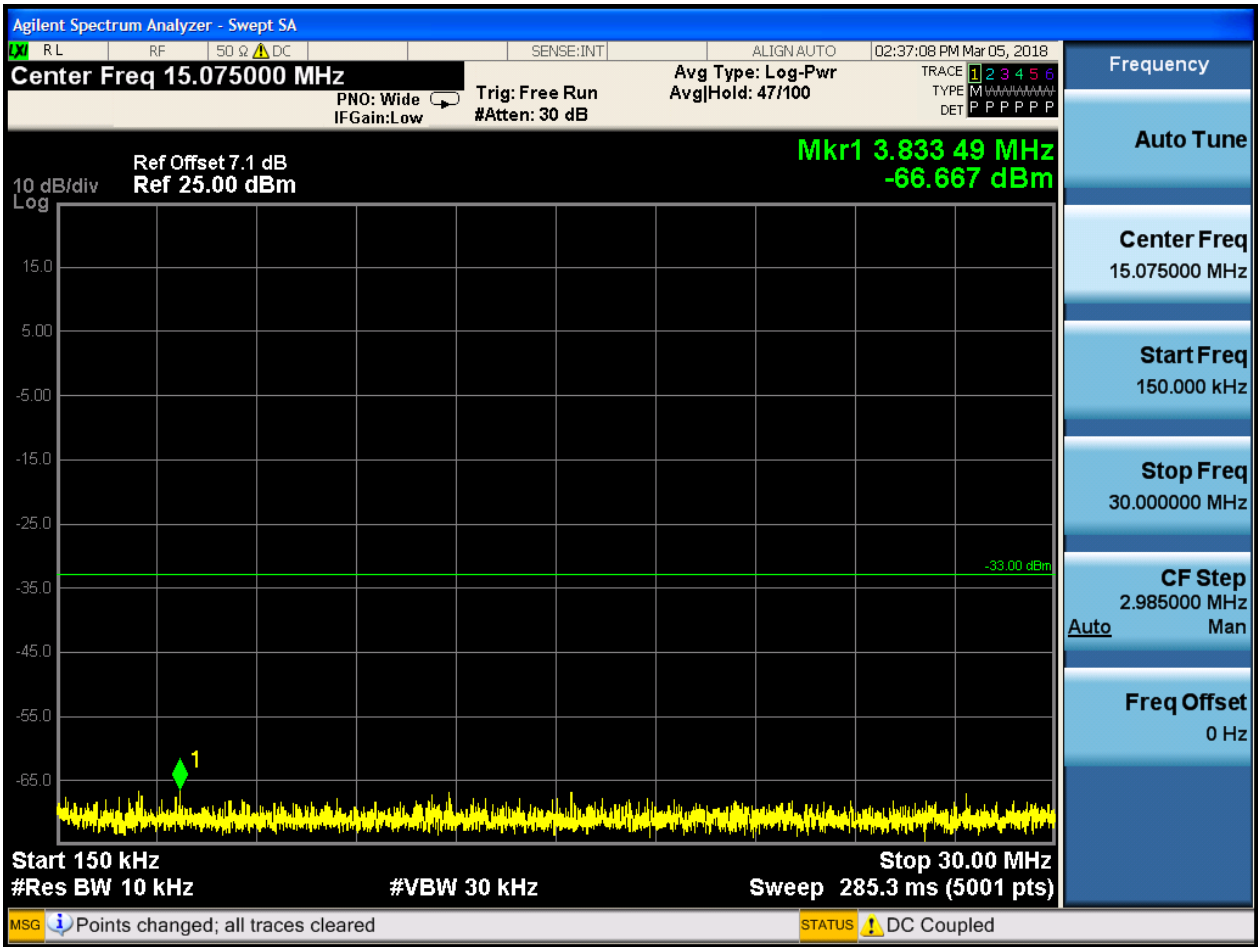


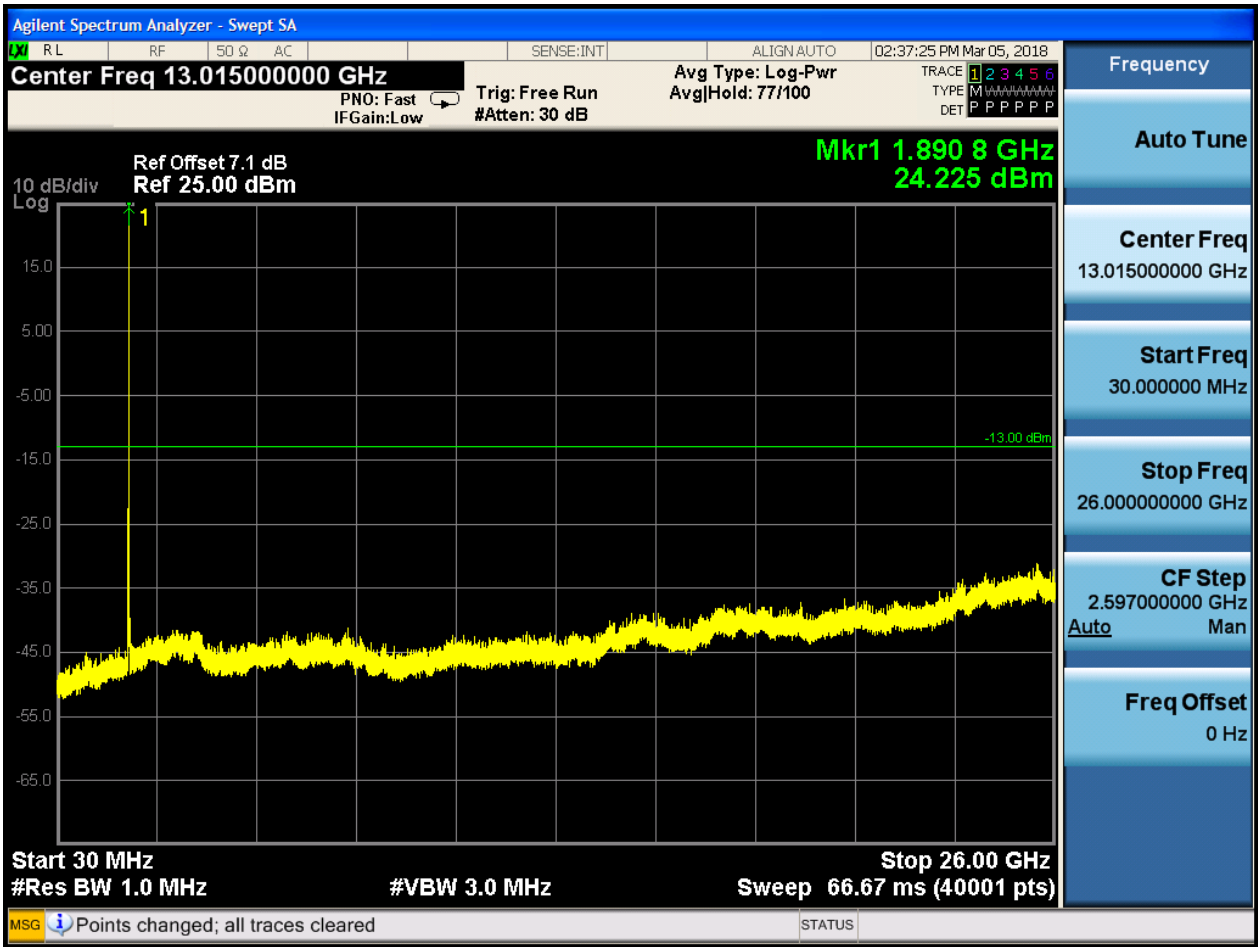


6.1.1.2.6.3 Test Channel = HCH

6.1.1.2.6.3.1 Test RB = RB1#0









7Appendix_G: Field Strength of Spurious Radiation

Note: We tested all modes, but the data presented below is the worst case.

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

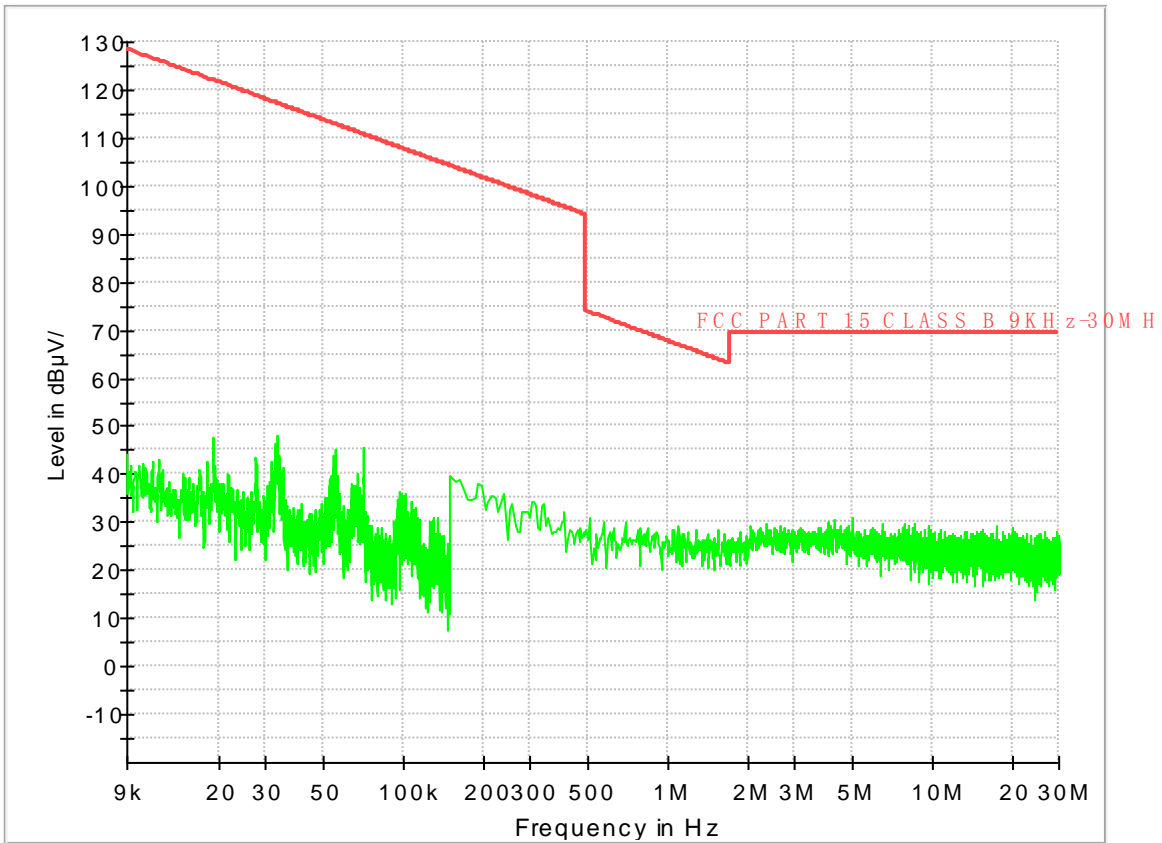
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

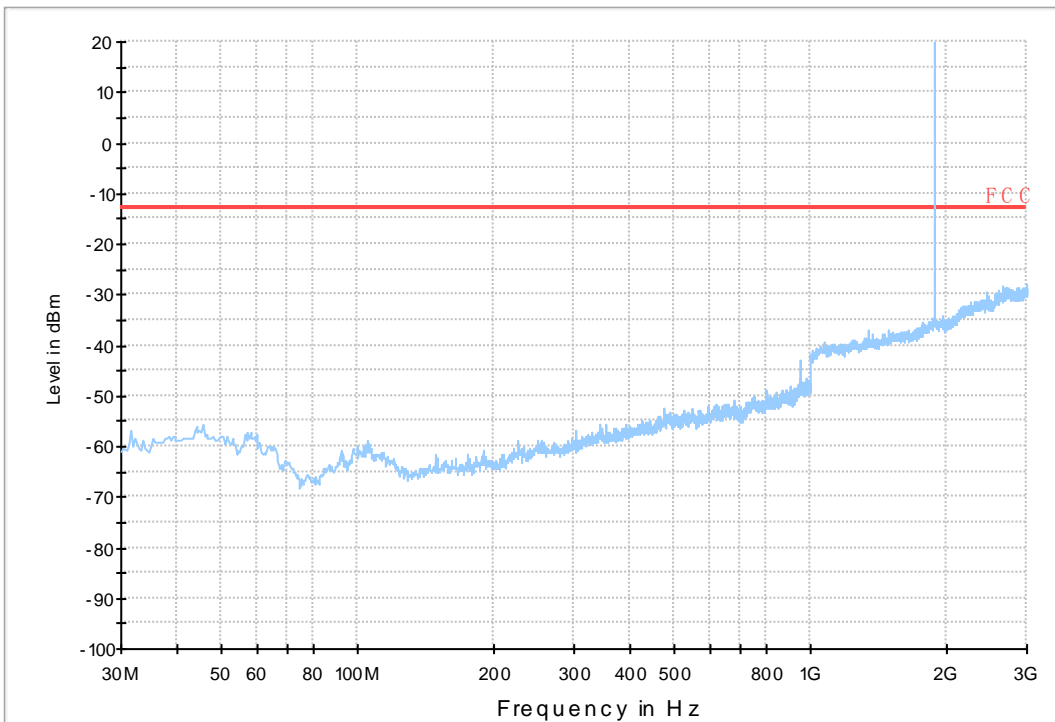
7.1 For LTE

7.1.1 Test Band = BAND2

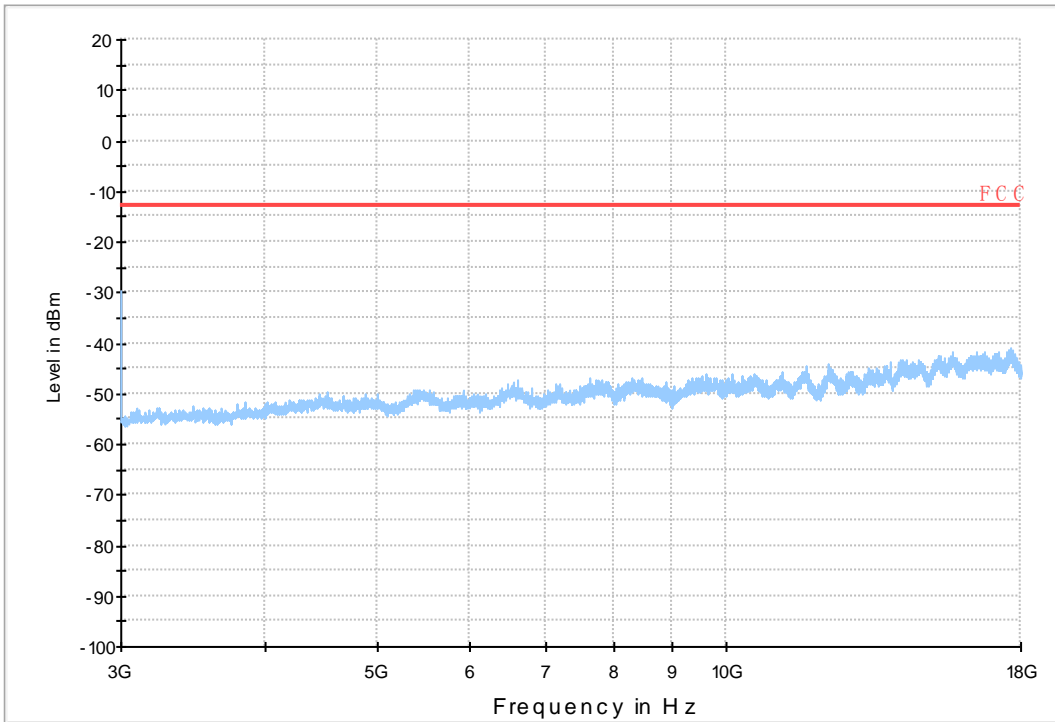
7.1.1.1 Test Bandwidth = 1.4



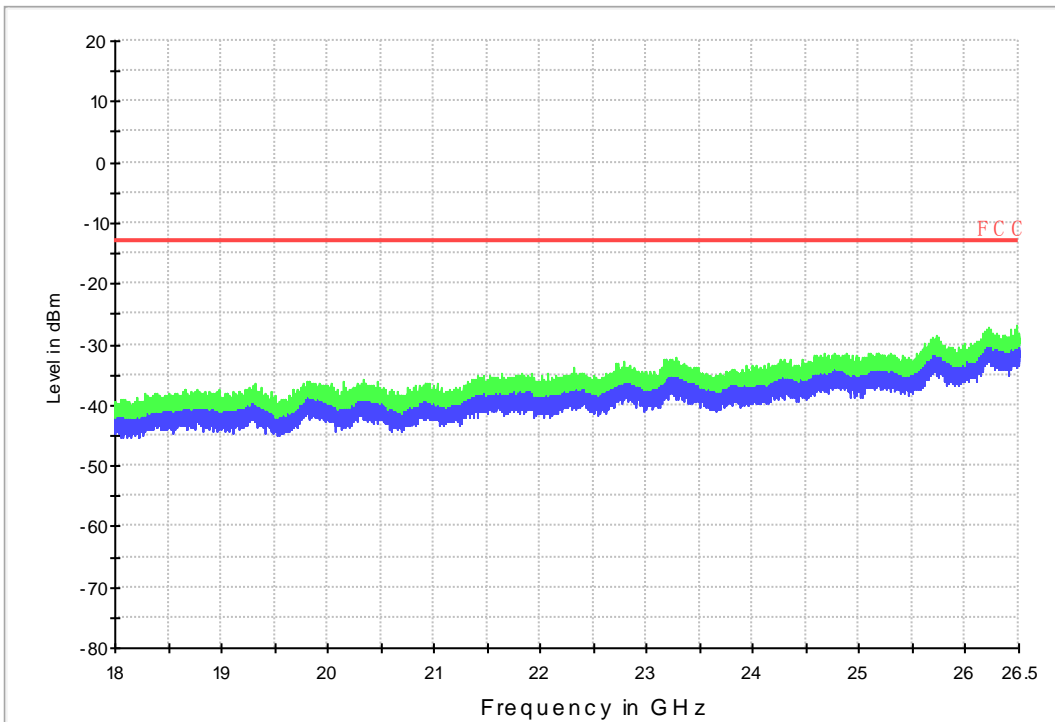
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



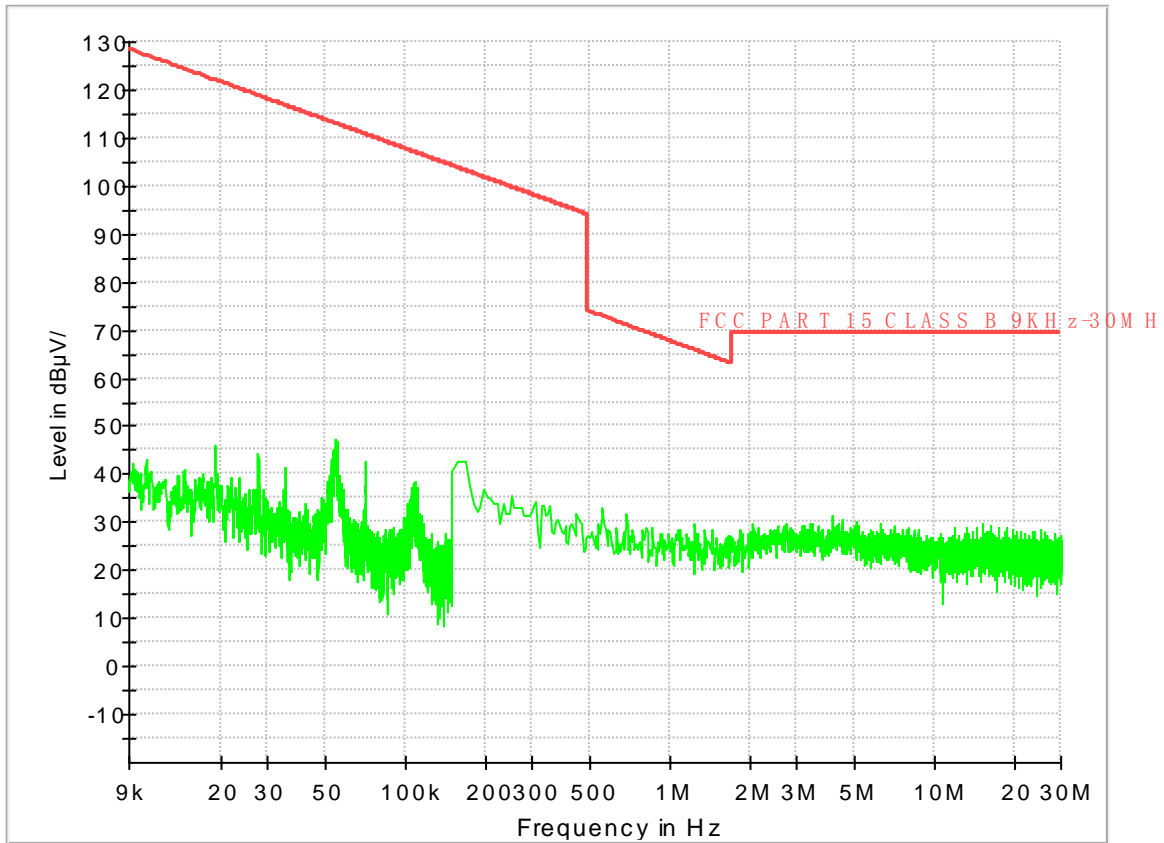
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



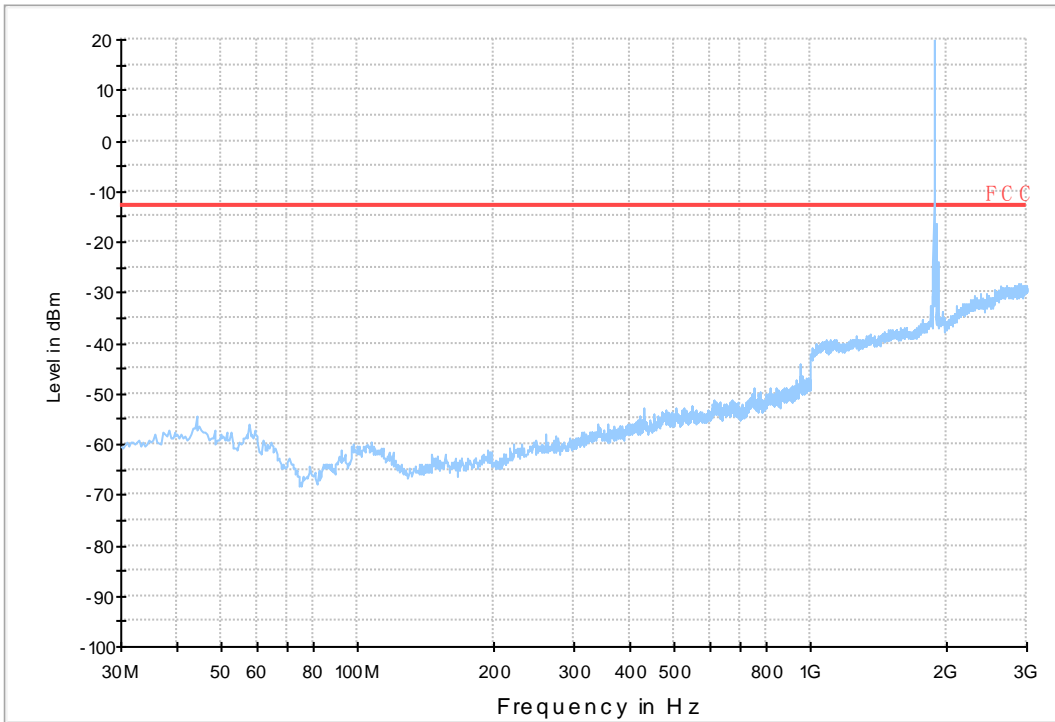
18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



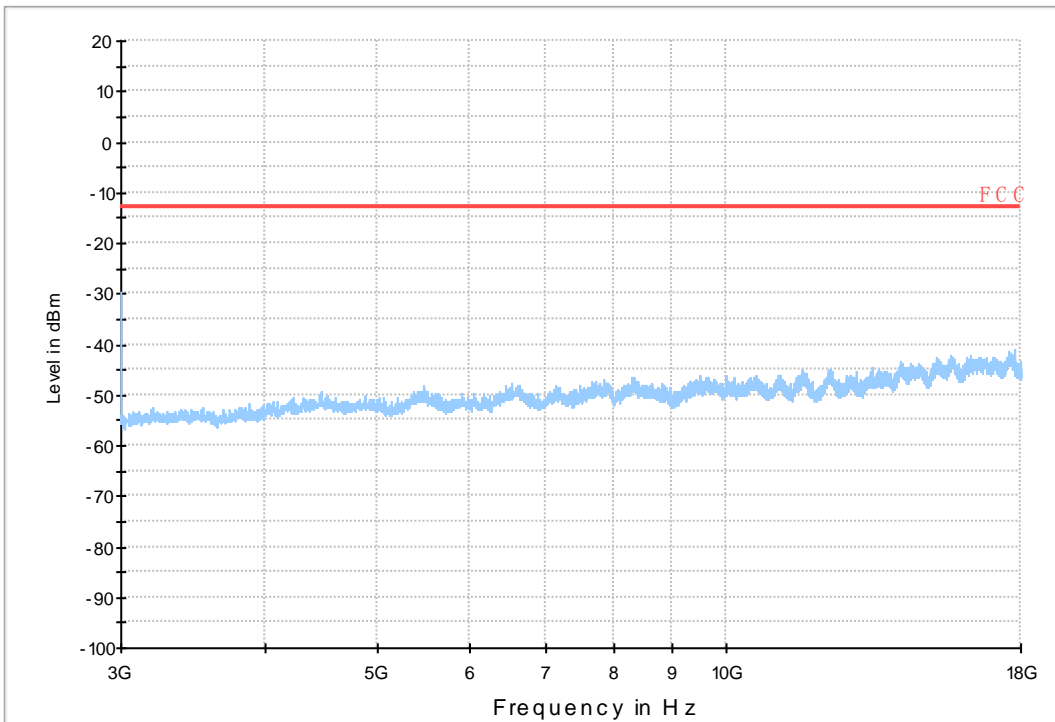
7.1.1.3 Test Bandwidth = 20



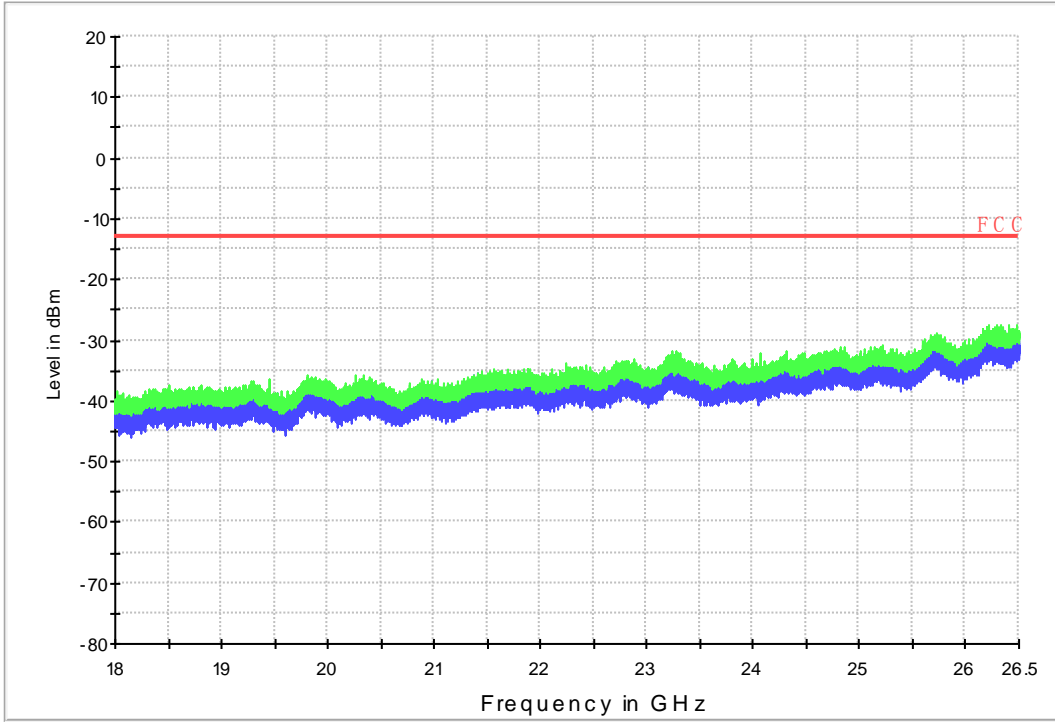
Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H



18G~26.5G RSE-TX-DIRECTOR ABOVE 1.5G PK



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
BAND2	LTE/TM1	1.4	LCH	TN	VL	-8.73	-0.00472	PASS
					VN	-12.19	-0.00659	PASS
					VH	-6.95	-0.00376	PASS
			MCH	TN	VL	-10.97	-0.00584	PASS
					VN	-5.22	-0.00278	PASS
					VH	-6.85	-0.00364	PASS
			HCH	TN	VL	-7.24	-0.00379	PASS
					VN	-6.41	-0.00336	PASS
					VH	-10.99	-0.00576	PASS
		3	LCH	TN	VL	-10.00	-0.0054	PASS
					VN	-8.20	-0.00443	PASS
					VH	-6.67	-0.0036	PASS
			MCH	TN	VL	-4.05	-0.00215	PASS
					VN	-5.18	-0.00276	PASS
					VH	-4.66	-0.00248	PASS
			HCH	TN	VL	-7.94	-0.00416	PASS
					VN	-4.95	-0.00259	PASS
					VH	-5.72	-0.003	PASS
		5	LCH	TN	VL	-9.64	-0.0052	PASS
					VN	-11.07	-0.00598	PASS
					VH	-7.72	-0.00417	PASS
			MCH	TN	VL	-6.04	-0.00321	PASS
					VN	-6.58	-0.0035	PASS
					VH	-7.97	-0.00424	PASS
			HCH	TN	VL	-6.94	-0.00364	PASS
					VN	-6.48	-0.0034	PASS
					VH	-3.93	-0.00206	PASS
10	LCH	TN	VL	-2.66	-0.00143	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					VN	-5.35	-0.00288	PASS			
					VH	-1.67	-0.0009	PASS			
					MCH	TN	VL	-8.67	-0.00461	PASS	
							VN	-4.89	-0.0026	PASS	
					VH		VH	-8.07	-0.00429	PASS	
			HCH	TN	VL	-2.72	-0.00143	PASS			
					VN	-4.89	-0.00257	PASS			
					VH	-4.73	-0.00248	PASS			
					15	LCH	TN	VL	0.43	0.00023	PASS
								VN	-1.30	-0.0007	PASS
								VH	-0.44	-0.00024	PASS
		MCH	TN	VL	-7.57	-0.00403	PASS				
				VN	-6.72	-0.00357	PASS				
				VH	-8.97	-0.00477	PASS				
		HCH	TN	VL	-5.15	-0.00271	PASS				
				VN	-6.87	-0.00361	PASS				
				VH	-6.78	-0.00356	PASS				
		20	LCH	TN	VL	-3.60	-0.00194	PASS			
					VN	-2.52	-0.00135	PASS			
					VH	-4.62	-0.00248	PASS			
			MCH	TN	VL	-8.74	-0.00465	PASS			
					VN	-9.00	-0.00479	PASS			
					VH	-8.33	-0.00443	PASS			
			HCH	TN	VL	-7.62	-0.00401	PASS			
					VN	-5.98	-0.00315	PASS			
					VH	-6.37	-0.00335	PASS			
		LTE/TM2	1.4	LCH	TN	VL	-1.09	-0.00059	PASS		
						VN	-3.35	-0.00181	PASS		
						VH	-9.23	-0.00499	PASS		
				MCH	TN	VL	1.52	0.00081	PASS		
						VN	-7.38	-0.00393	PASS		
						VH	-1.47	-0.00078	PASS		
				HCH	TN	VL	-6.44	-0.00337	PASS		
						VN	-7.65	-0.00401	PASS		
						VH	-9.88	-0.00517	PASS		
			3	LCH	TN	VL	-4.75	-0.00257	PASS		
						VN	-5.06	-0.00273	PASS		
						VH	-6.87	-0.00371	PASS		
			MCH	TN	VL	0.66	0.00035	PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					VN	-7.47	-0.00397	PASS	
					VH	-3.56	-0.00189	PASS	
			HCH	TN	VL	-5.21	-0.00273	PASS	
					VN	-1.00	-0.00052	PASS	
						VH	-4.73	-0.00248	PASS
						VL	-3.55	-0.00192	PASS
		5	LCH	TN	VN	-6.97	-0.00376	PASS	
					VH	-3.72	-0.00201	PASS	
					VL	-10.47	-0.00557	PASS	
			MCH	TN	VN	-8.44	-0.00449	PASS	
					VH	-10.79	-0.00574	PASS	
					VL	-2.17	-0.00114	PASS	
		HCH	TN	VN	-4.19	-0.0022	PASS		
				VH	-4.88	-0.00256	PASS		
				VL	-0.10	-0.00005	PASS		
		10	LCH	TN	VN	3.19	0.00172	PASS	
					VH	-2.40	-0.00129	PASS	
					VL	-4.86	-0.00259	PASS	
			MCH	TN	VN	-6.08	-0.00323	PASS	
					VH	-7.60	-0.00404	PASS	
					VL	-6.01	-0.00315	PASS	
		HCH	TN	VN	-5.91	-0.0031	PASS		
				VH	-6.44	-0.00338	PASS		
				VL	-6.64	-0.00357	PASS		
		15	LCH	TN	VN	-3.81	-0.00205	PASS	
					VH	-5.59	-0.00301	PASS	
					VL	-5.28	-0.00281	PASS	
			MCH	TN	VN	-9.70	-0.00516	PASS	
					VH	-1.90	-0.00101	PASS	
					VL	-5.58	-0.00293	PASS	
		HCH	TN	VN	-8.28	-0.00435	PASS		
				VH	-9.11	-0.00479	PASS		
				VL	-5.18	-0.00278	PASS		
		20	LCH	TN	VN	-4.21	-0.00226	PASS	
					VH	-3.88	-0.00209	PASS	
					VL	-4.66	-0.00248	PASS	
			MCH	TN	VN	-6.84	-0.00364	PASS	
					VH	-6.09	-0.00324	PASS	
					VL	-6.11	-0.00322	PASS	
		HCH	TN	VN	-6.11	-0.00322	PASS		
				VH	-6.11	-0.00322	PASS		
				VL	-6.11	-0.00322	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-5.56	-0.00293	PASS
					VH	-8.81	-0.00464	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
BAND2	LTE/TM1	1.4	LCH	VN	-30	-5.56	-0.003	PASS
					-20	-6.94	-0.00375	PASS
					-10	-5.76	-0.00311	PASS
					0	-8.20	-0.00443	PASS
					10	-8.81	-0.00476	PASS
					20	-8.35	-0.00451	PASS
					30	-7.42	-0.00401	PASS
					40	-7.67	-0.00414	PASS
					50	-7.34	-0.00397	PASS
			MCH	VN	-30	-9.88	-0.00526	PASS
					-20	-10.29	-0.00547	PASS
					-10	-1.06	-0.00056	PASS
					0	-6.57	-0.00349	PASS
					10	-7.62	-0.00405	PASS
					20	-6.78	-0.00361	PASS
					30	-13.12	-0.00698	PASS
					40	-3.56	-0.00189	PASS
					50	-2.68	-0.00143	PASS
			HCH	VN	-30	-8.88	-0.00465	PASS
					-20	-0.83	-0.00043	PASS
					-10	-7.00	-0.00367	PASS
					0	-5.26	-0.00275	PASS
					10	-10.17	-0.00533	PASS
					20	-3.16	-0.00166	PASS
		30			-3.28	-0.00172	PASS	
		40			-3.99	-0.00209	PASS	
		50			-4.29	-0.00225	PASS	
		3	LCH	VN	-30	-3.33	-0.0018	PASS
					-20	-4.36	-0.00235	PASS
					-10	-2.07	-0.00112	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					0	-3.96	-0.00214	PASS	
					10	-3.36	-0.00181	PASS	
					20	-8.30	-0.00448	PASS	
					30	-2.07	-0.00112	PASS	
					40	-7.20	-0.00389	PASS	
					50	-1.00	-0.00054	PASS	
			MCH	VN	-30	-3.72	-0.00198	PASS	
					-20	-8.64	-0.0046	PASS	
					-10	-3.89	-0.00207	PASS	
					0	0.30	0.00016	PASS	
					10	-3.95	-0.0021	PASS	
					20	-1.67	-0.00089	PASS	
					30	-3.63	-0.00193	PASS	
					40	-1.37	-0.00073	PASS	
			HCH	VN	-30	-8.31	-0.00435	PASS	
					-20	-8.83	-0.00463	PASS	
					-10	-5.82	-0.00305	PASS	
					0	-10.47	-0.00549	PASS	
					10	-0.70	-0.00037	PASS	
					20	-3.43	-0.0018	PASS	
					30	-8.23	-0.00431	PASS	
					40	-6.67	-0.00349	PASS	
			5	LCH	VN	50	-4.62	-0.00242	PASS
						-30	-7.21	-0.00389	PASS
						-20	-12.60	-0.0068	PASS
						-10	-6.17	-0.00333	PASS
						0	-7.37	-0.00398	PASS
						10	-9.48	-0.00512	PASS
						20	-8.60	-0.00464	PASS
						30	-7.21	-0.00389	PASS
						40	-8.23	-0.00444	PASS
						50	-5.75	-0.0031	PASS
			MCH	VN	-30	-3.68	-0.00196	PASS	
					-20	-5.85	-0.00311	PASS	
					-10	-7.01	-0.00373	PASS	
					0	-5.04	-0.00268	PASS	
					10	-10.11	-0.00538	PASS	
					20	-3.35	-0.00178	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					30	-9.64	-0.00513	PASS		
					40	-2.72	-0.00145	PASS		
					50	-5.68	-0.00302	PASS		
			HCH	VN	-30	0.63	0.00033	PASS		
					-20	2.05	0.00107	PASS		
					-10	-6.45	-0.00338	PASS		
					0	-6.61	-0.00347	PASS		
					10	-5.08	-0.00266	PASS		
					20	-6.68	-0.0035	PASS		
					30	-3.46	-0.00181	PASS		
					40	-4.61	-0.00242	PASS		
					50	-3.79	-0.00199	PASS		
					LCH	VN	-30	-4.18	-0.00225	PASS
							-20	-0.90	-0.00049	PASS
							-10	-2.16	-0.00116	PASS
		0	0.20	0.00011			PASS			
		10	-1.59	-0.00086			PASS			
		20	-3.58	-0.00193			PASS			
		30	-0.41	-0.00022			PASS			
		40	-1.24	-0.00067			PASS			
		50	-1.10	-0.00059			PASS			
		MCH	VN	-30	-8.41	-0.00447	PASS			
				-20	-6.74	-0.00359	PASS			
				-10	-5.18	-0.00276	PASS			
				0	-8.75	-0.00465	PASS			
				10	-8.55	-0.00455	PASS			
				20	-12.69	-0.00675	PASS			
				30	-3.49	-0.00186	PASS			
				40	-7.94	-0.00422	PASS			
				50	-2.50	-0.00133	PASS			
		HCH	VN	-30	-3.43	-0.0018	PASS			
				-20	-4.43	-0.00233	PASS			
				-10	-5.88	-0.00309	PASS			
				0	-6.88	-0.00361	PASS			
				10	-7.80	-0.00409	PASS			
				20	-7.71	-0.00405	PASS			
				30	-3.56	-0.00187	PASS			
				40	-4.53	-0.00238	PASS			
				50	-5.08	-0.00267	PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		15	LCH	VN	-30	-3.98	-0.00214	PASS
					-20	-2.75	-0.00148	PASS
					-10	-0.84	-0.00045	PASS
					0	-2.49	-0.00134	PASS
					10	-1.97	-0.00106	PASS
					20	-3.35	-0.0018	PASS
					30	-4.99	-0.00269	PASS
					40	-1.72	-0.00093	PASS
			50	-4.49	-0.00242	PASS		
			MCH	VN	-30	-5.78	-0.00307	PASS
					-20	-8.38	-0.00446	PASS
					-10	-8.27	-0.0044	PASS
					0	-5.64	-0.003	PASS
					10	-5.98	-0.00318	PASS
					20	-5.87	-0.00312	PASS
					30	-3.32	-0.00177	PASS
					40	-5.44	-0.00289	PASS
			50	-8.58	-0.00456	PASS		
			HCH	VN	-30	-7.54	-0.00396	PASS
					-20	-9.16	-0.00481	PASS
					-10	-4.41	-0.00232	PASS
					0	-4.63	-0.00243	PASS
					10	-4.65	-0.00244	PASS
					20	-6.52	-0.00343	PASS
		30			-4.39	-0.00231	PASS	
		40			-5.19	-0.00273	PASS	
		50	-6.62	-0.00348	PASS			
		20	LCH	VN	-30	0.59	0.00032	PASS
					-20	-2.68	-0.00144	PASS
					-10	-1.59	-0.00085	PASS
					0	-0.06	-0.00003	PASS
					10	-2.42	-0.0013	PASS
					20	-0.67	-0.00036	PASS
					30	-1.46	-0.00078	PASS
					40	-1.85	-0.00099	PASS
			50	0.11	0.00006	PASS		
			MCH	VN	-30	-6.79	-0.00361	PASS
					-20	-7.55	-0.00402	PASS
					-10	-5.99	-0.00319	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict								
					0	-10.79	-0.00574	PASS								
					10	-2.30	-0.00122	PASS								
					20	-8.20	-0.00436	PASS								
					30	-4.89	-0.0026	PASS								
					40	-6.22	-0.00331	PASS								
					50	-7.28	-0.00387	PASS								
			HCH	VN				-30	-9.58	-0.00504	PASS					
								-20	-9.83	-0.00517	PASS					
								-10	-10.26	-0.0054	PASS					
								0	-8.35	-0.00439	PASS					
								10	-7.38	-0.00388	PASS					
								20	-7.22	-0.0038	PASS					
								30	-7.31	-0.00385	PASS					
								40	-8.17	-0.0043	PASS					
								50	-6.49	-0.00342	PASS					
								LCH	VN				-30	-8.03	-0.00434	PASS
													-20	-9.83	-0.00531	PASS
													-10	-2.27	-0.00123	PASS
													0	-6.88	-0.00372	PASS
													10	-5.65	-0.00305	PASS
	20	-8.01	-0.00433	PASS												
	30	-8.70	-0.0047	PASS												
	40	-5.22	-0.00282	PASS												
	50	-8.05	-0.00435	PASS												
	MCH	VN				-30	-5.54						-0.00295	PASS		
						-20	-7.71	-0.0041	PASS							
						-10	0.77	0.00041	PASS							
						0	-7.78	-0.00414	PASS							
						10	-7.37	-0.00392	PASS							
						20	-4.91	-0.00261	PASS							
						30	-10.04	-0.00534	PASS							
						40	-1.27	-0.00068	PASS							
	HCH	VN				50	-5.59	-0.00297	PASS							
						-30	-7.78	-0.00407	PASS							
						-20	-1.95	-0.00102	PASS							
						-10	-7.94	-0.00416	PASS							
						0	-7.30	-0.00382	PASS							
						10	-12.92	-0.00677	PASS							
						20	-7.00	-0.00367	PASS							



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					30	-7.44	-0.0039	PASS		
					40	-2.93	-0.00153	PASS		
					50	-6.94	-0.00363	PASS		
				3	LCH	VN	-30	-8.21	-0.00443	PASS
							-20	-2.60	-0.0014	PASS
							-10	-7.98	-0.00431	PASS
							0	-4.32	-0.00233	PASS
							10	-8.18	-0.00442	PASS
							20	-7.80	-0.00421	PASS
							30	-8.60	-0.00464	PASS
							40	-2.68	-0.00145	PASS
							50	-10.49	-0.00567	PASS
					MCH	VN	-30	-9.33	-0.00496	PASS
							-20	-8.37	-0.00445	PASS
							-10	-9.33	-0.00496	PASS
							0	-10.80	-0.00574	PASS
							10	-9.48	-0.00504	PASS
							20	-6.52	-0.00347	PASS
							30	-16.12	-0.00857	PASS
							40	-8.14	-0.00433	PASS
							50	-6.88	-0.00366	PASS
				HCH	VN	-30	-3.52	-0.00184	PASS	
						-20	-9.94	-0.00521	PASS	
						-10	-2.12	-0.00111	PASS	
						0	-6.61	-0.00346	PASS	
						10	-8.48	-0.00444	PASS	
						20	0.83	0.00043	PASS	
						30	-3.59	-0.00188	PASS	
						40	-7.61	-0.00399	PASS	
						50	-3.65	-0.00191	PASS	
				5	LCH	VN	-30	-5.29	-0.00286	PASS
							-20	-6.82	-0.00368	PASS
-10	-7.91						-0.00427	PASS		
0	-10.60						-0.00572	PASS		
10	-6.64						-0.00358	PASS		
20	-7.71	-0.00416	PASS							
30	-8.44	-0.00456	PASS							
40	-5.09	-0.00275	PASS							
50	-6.19	-0.00334	PASS							

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	VN	-30	-9.00	-0.00479	PASS
					-20	-9.81	-0.00522	PASS
					-10	-5.79	-0.00308	PASS
					0	-9.70	-0.00516	PASS
					10	-6.14	-0.00327	PASS
					20	-9.48	-0.00504	PASS
					30	-3.89	-0.00207	PASS
					40	-6.81	-0.00362	PASS
					50	-6.58	-0.0035	PASS
			HCH	VN	-30	-5.54	-0.0029	PASS
					-20	-9.30	-0.00488	PASS
					-10	-9.80	-0.00514	PASS
					0	-9.68	-0.00507	PASS
					10	-5.14	-0.00269	PASS
					20	-7.54	-0.00395	PASS
					30	-8.47	-0.00444	PASS
					40	-7.44	-0.0039	PASS
					50	-11.29	-0.00592	PASS
		10	LCH	VN	-30	-3.50	-0.00189	PASS
					-20	-3.83	-0.00206	PASS
					-10	-2.72	-0.00147	PASS
					0	-3.42	-0.00184	PASS
					10	0.23	0.00012	PASS
					20	-1.13	-0.00061	PASS
					30	-3.32	-0.00179	PASS
					40	-4.36	-0.00235	PASS
					50	-1.70	-0.00092	PASS
			MCH	VN	-30	-2.00	-0.00106	PASS
					-20	-5.02	-0.00267	PASS
					-10	-2.69	-0.00143	PASS
					0	-2.60	-0.00138	PASS
					10	-3.12	-0.00166	PASS
					20	-5.09	-0.00271	PASS
					30	-5.52	-0.00294	PASS
					40	-4.79	-0.00255	PASS
					50	-5.31	-0.00282	PASS
		HCH	VN	-30	-2.50	-0.00131	PASS	
				-20	-5.66	-0.00297	PASS	
				-10	-3.10	-0.00163	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					0	-6.11	-0.00321	PASS		
					10	-2.56	-0.00134	PASS		
					20	0.11	0.00006	PASS		
					30	-0.33	-0.00017	PASS		
					40	-1.47	-0.00077	PASS		
					50	-6.44	-0.00338	PASS		
		15	LCH	VN	-30	-10.51	-0.00566	PASS		
					-20	-9.21	-0.00496	PASS		
					-10	-3.96	-0.00213	PASS		
					0	-4.94	-0.00266	PASS		
					10	-5.16	-0.00278	PASS		
					20	-3.71	-0.002	PASS		
					30	-2.37	-0.00128	PASS		
					40	-4.68	-0.00252	PASS		
					50	-6.61	-0.00356	PASS		
					MCH	VN	-30	-4.65	-0.00247	PASS
							-20	-7.15	-0.0038	PASS
							-10	-7.47	-0.00397	PASS
			0	-6.79			-0.00361	PASS		
			10	-6.84			-0.00364	PASS		
			20	-4.89			-0.0026	PASS		
			30	-6.74			-0.00359	PASS		
			40	-5.81			-0.00309	PASS		
			50	-6.69			-0.00356	PASS		
			HCH	VN			-30	-5.92	-0.00311	PASS
							-20	-4.08	-0.00214	PASS
							-10	-10.67	-0.00561	PASS
					0	-10.40	-0.00547	PASS		
					10	-2.00	-0.00105	PASS		
					20	-7.67	-0.00403	PASS		
		30			-8.88	-0.00467	PASS			
		40			-8.18	-0.0043	PASS			
		20	LCH	VN	-30	-3.91	-0.0021	PASS		
					-20	-6.05	-0.00325	PASS		
					-10	-4.71	-0.00253	PASS		
					0	-4.78	-0.00257	PASS		
					10	-5.04	-0.00271	PASS		
					20	-7.52	-0.00404	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-2.49	-0.00134	PASS
					40	-2.90	-0.00156	PASS
					50	-6.49	-0.00349	PASS
			MCH	VN	-30	-8.80	-0.00468	PASS
					-20	-7.55	-0.00402	PASS
					-10	-6.54	-0.00348	PASS
					0	-6.59	-0.00351	PASS
					10	-9.84	-0.00523	PASS
					20	-6.02	-0.0032	PASS
					30	-7.02	-0.00373	PASS
					40	-8.05	-0.00428	PASS
					50	-7.87	-0.00419	PASS
					HCH	VN	-30	-4.33
			-20	-2.72			-0.00143	PASS
			-10	-7.12			-0.00375	PASS
			0	-4.69			-0.00247	PASS
			10	-6.85			-0.00361	PASS
			20	-4.55			-0.00239	PASS
			30	-5.11			-0.00269	PASS
			40	-6.79			-0.00357	PASS
			50	-5.78	-0.00304	PASS		

END