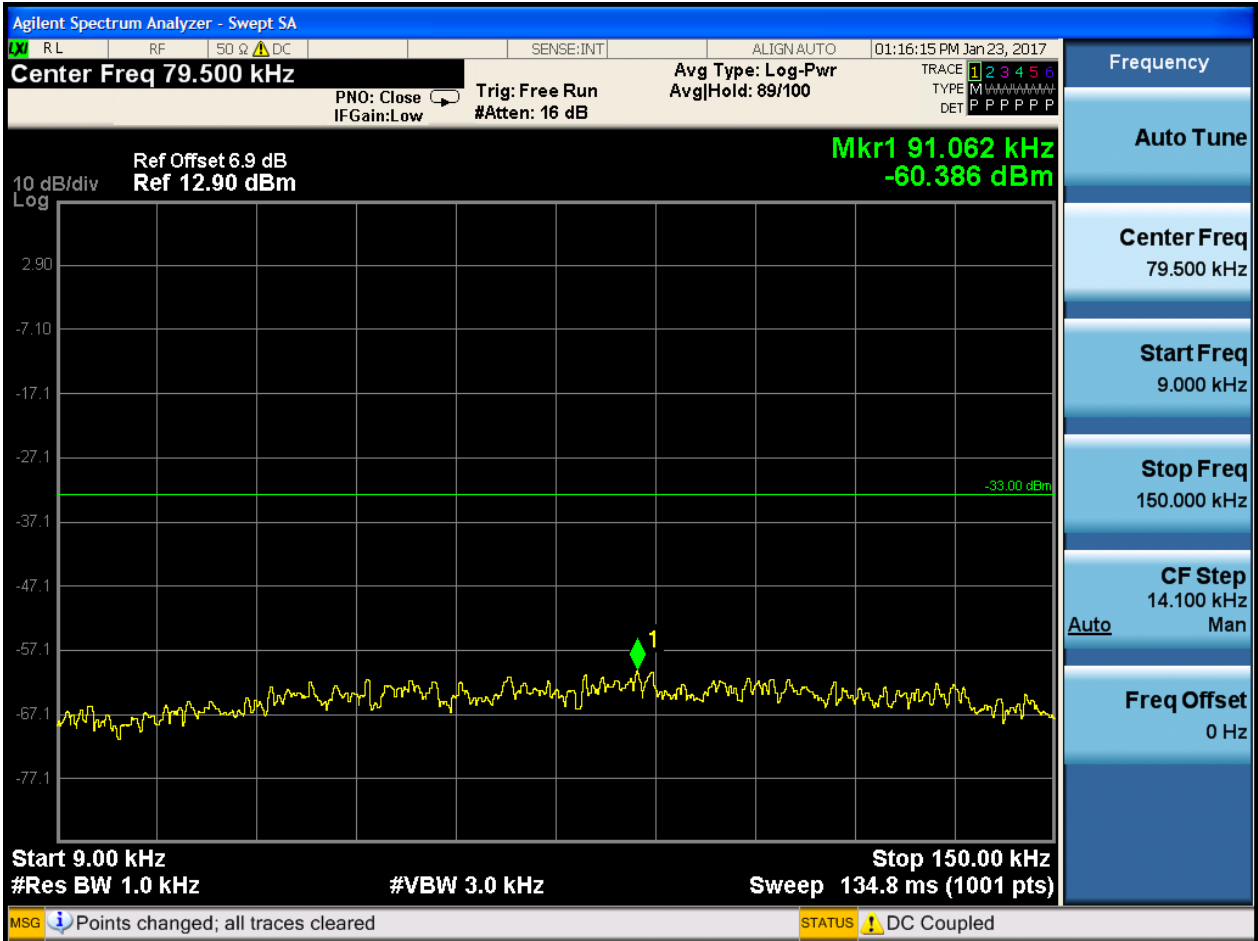
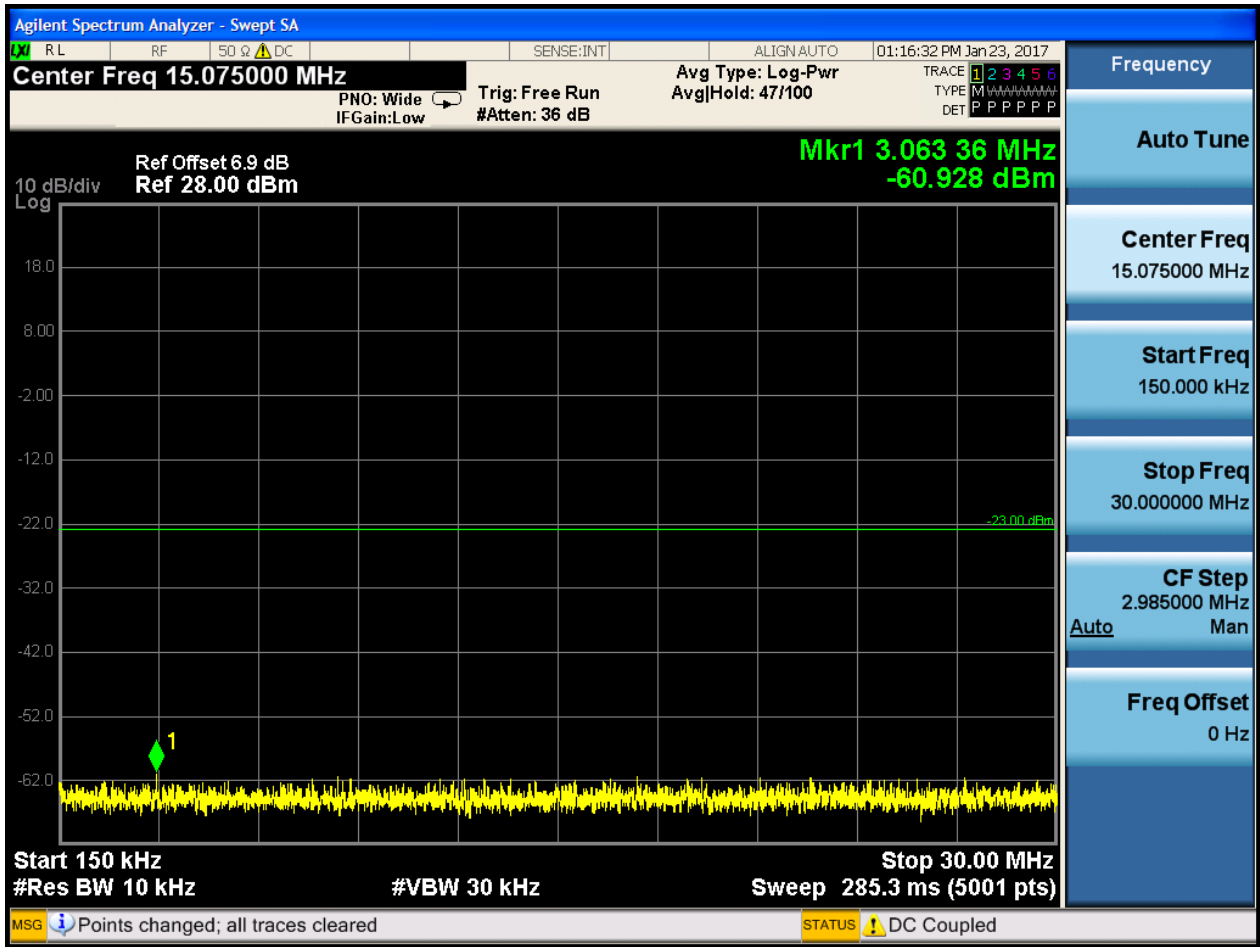


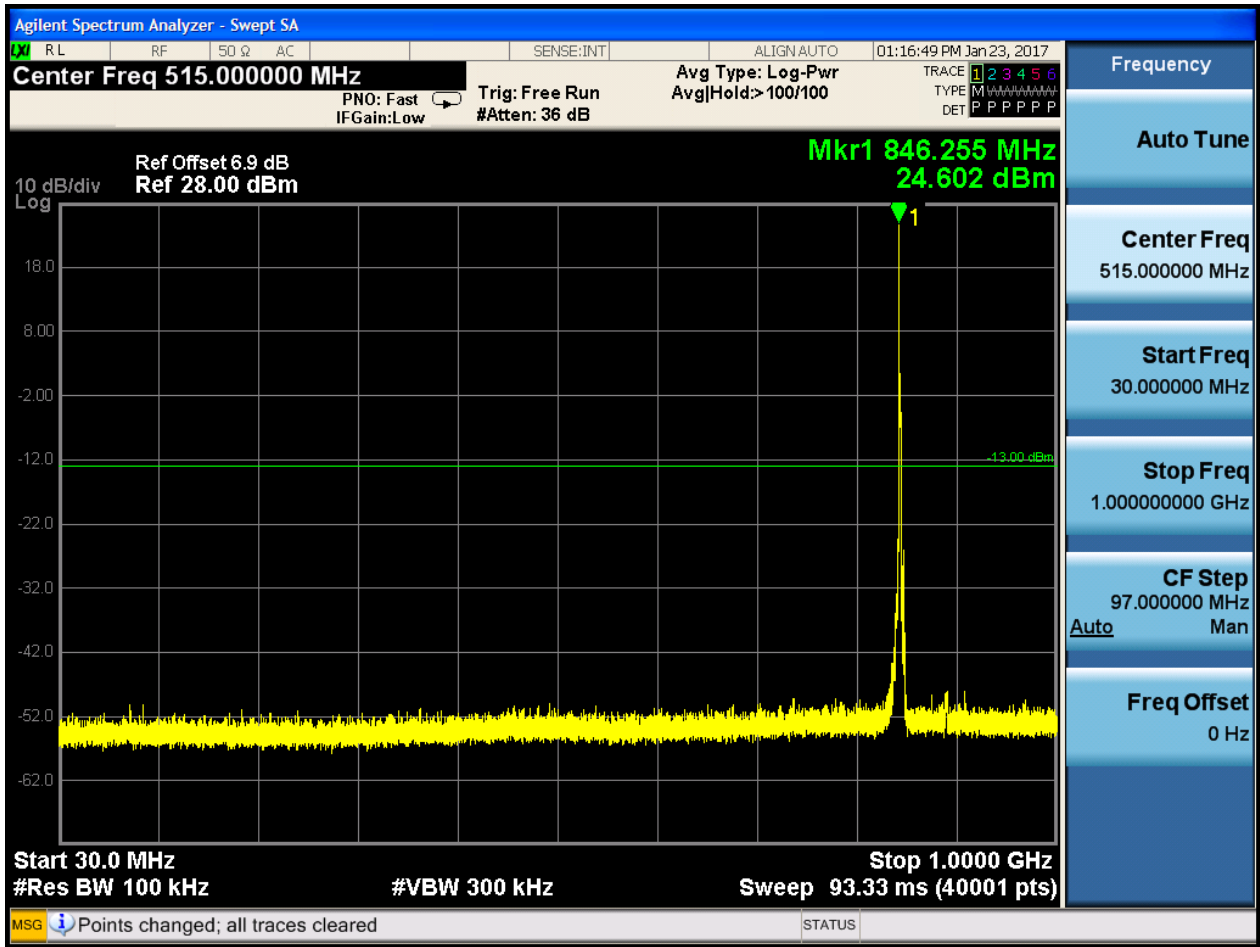


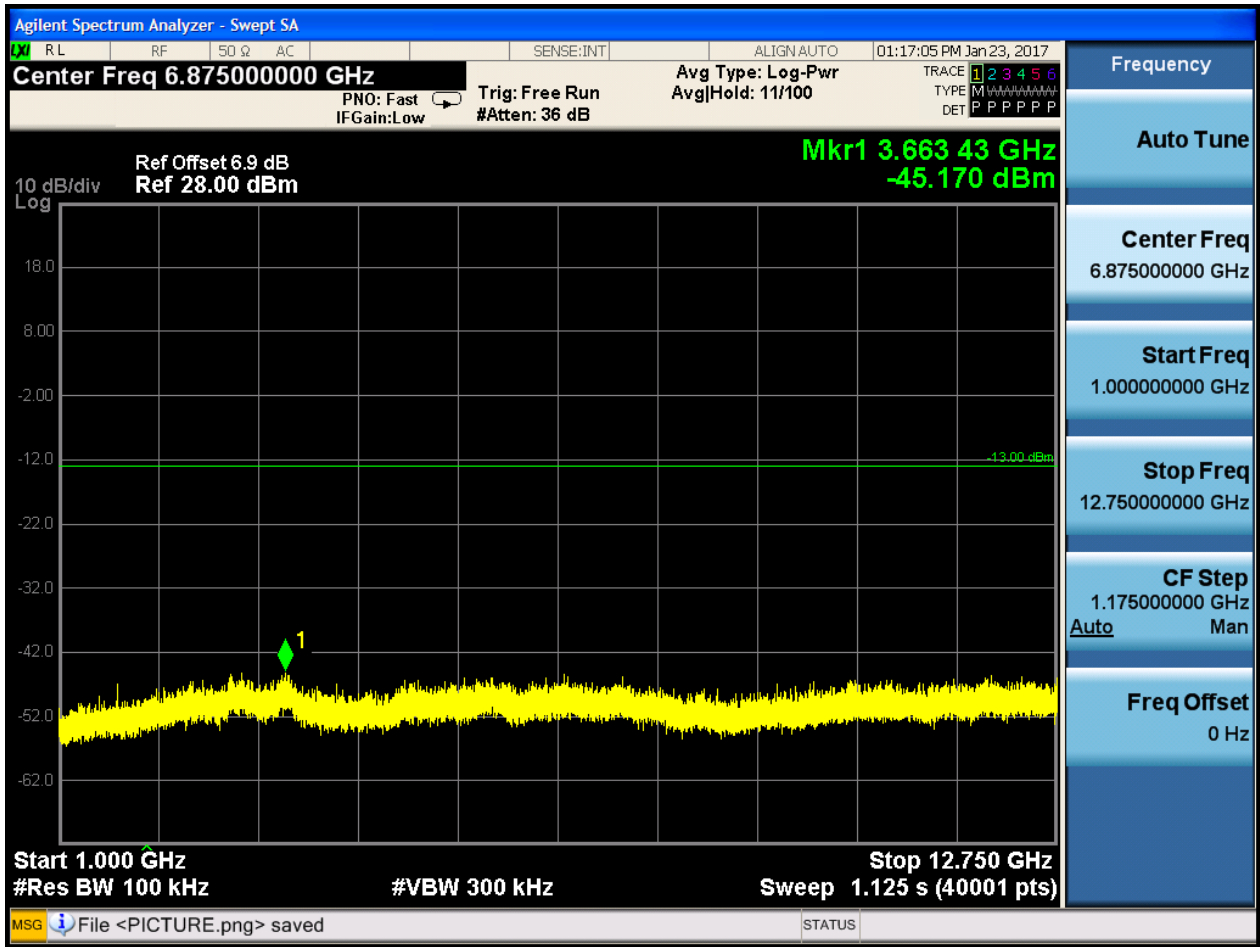
6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0







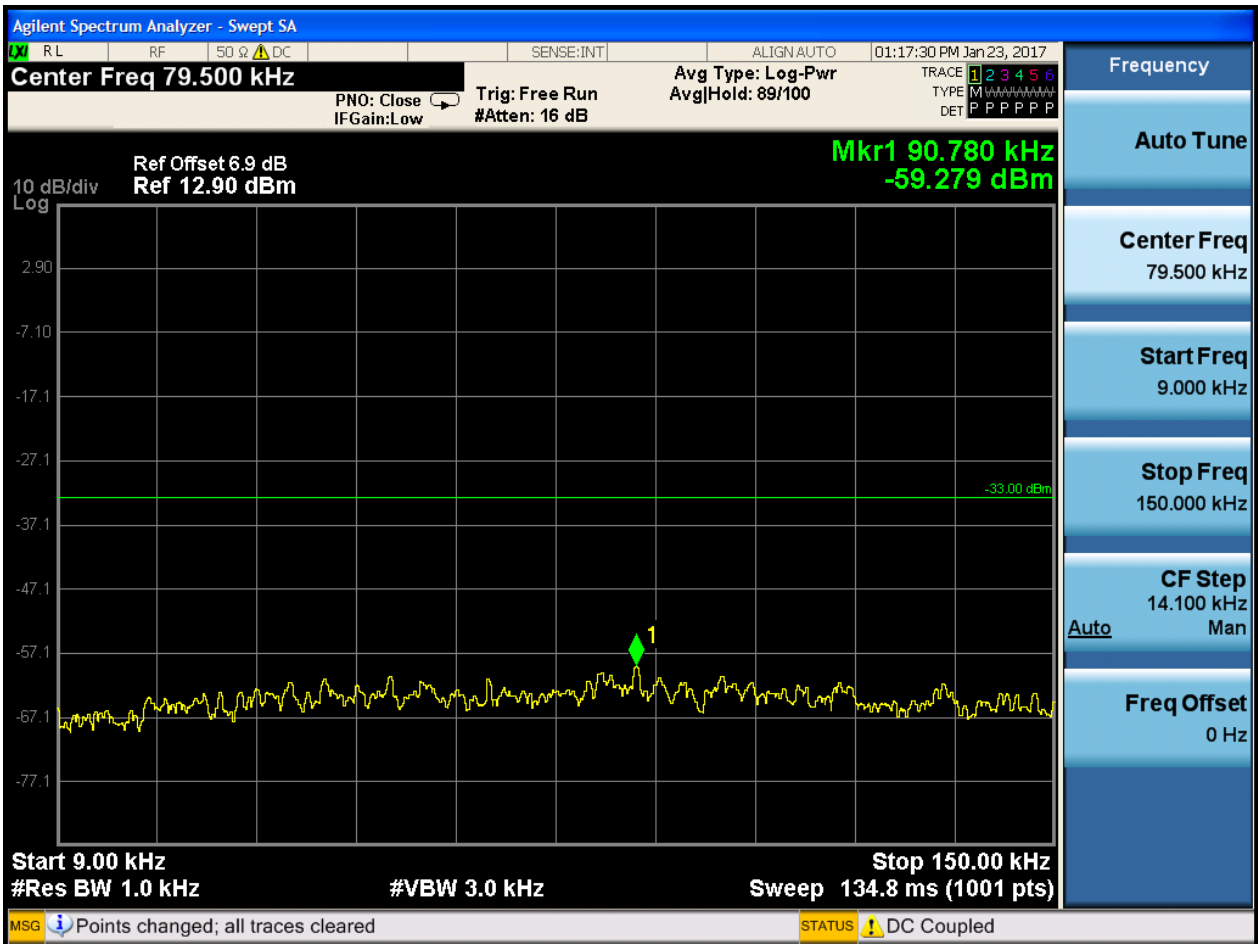


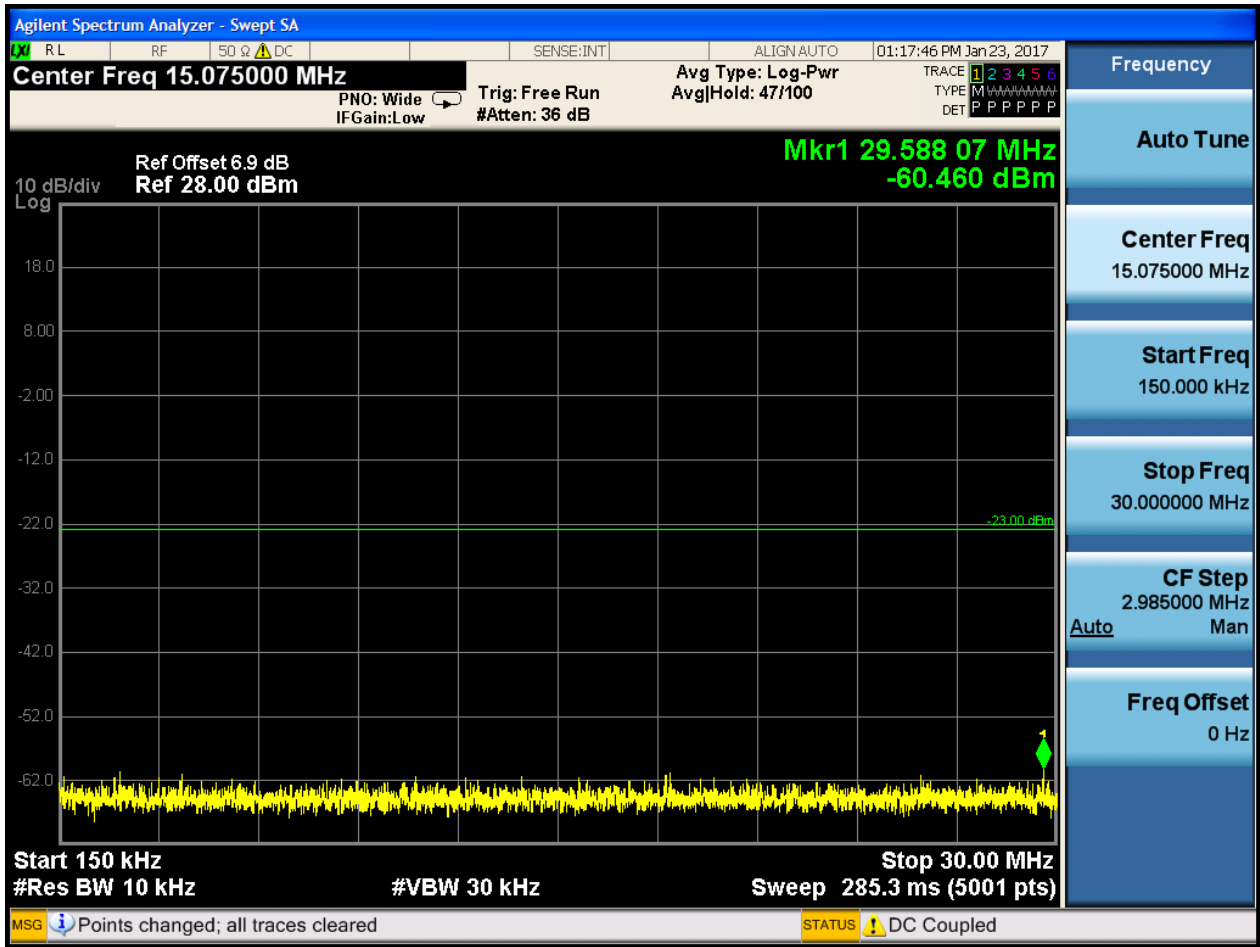


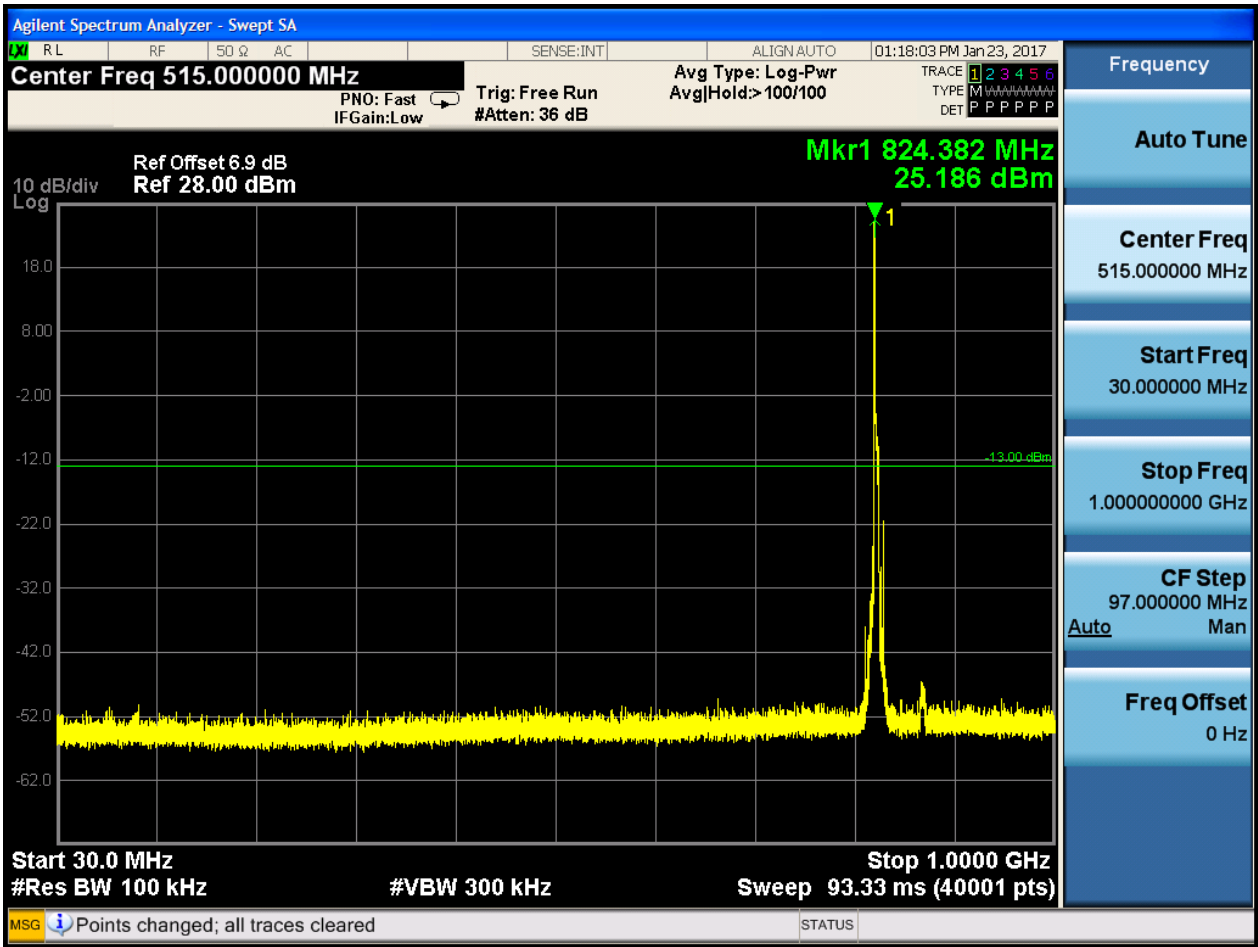
6.1.1.1.3 Test Bandwidth = 5

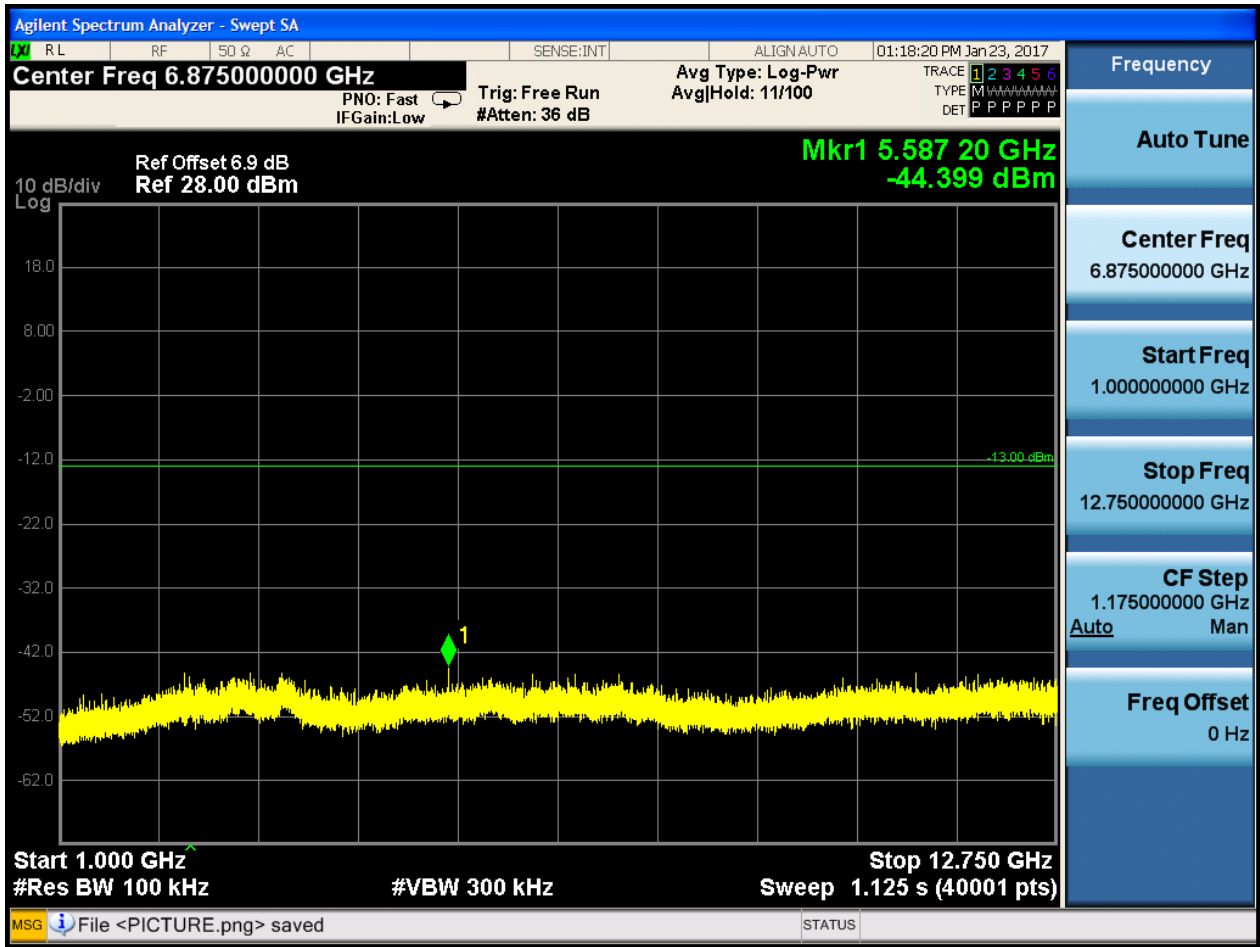
6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0





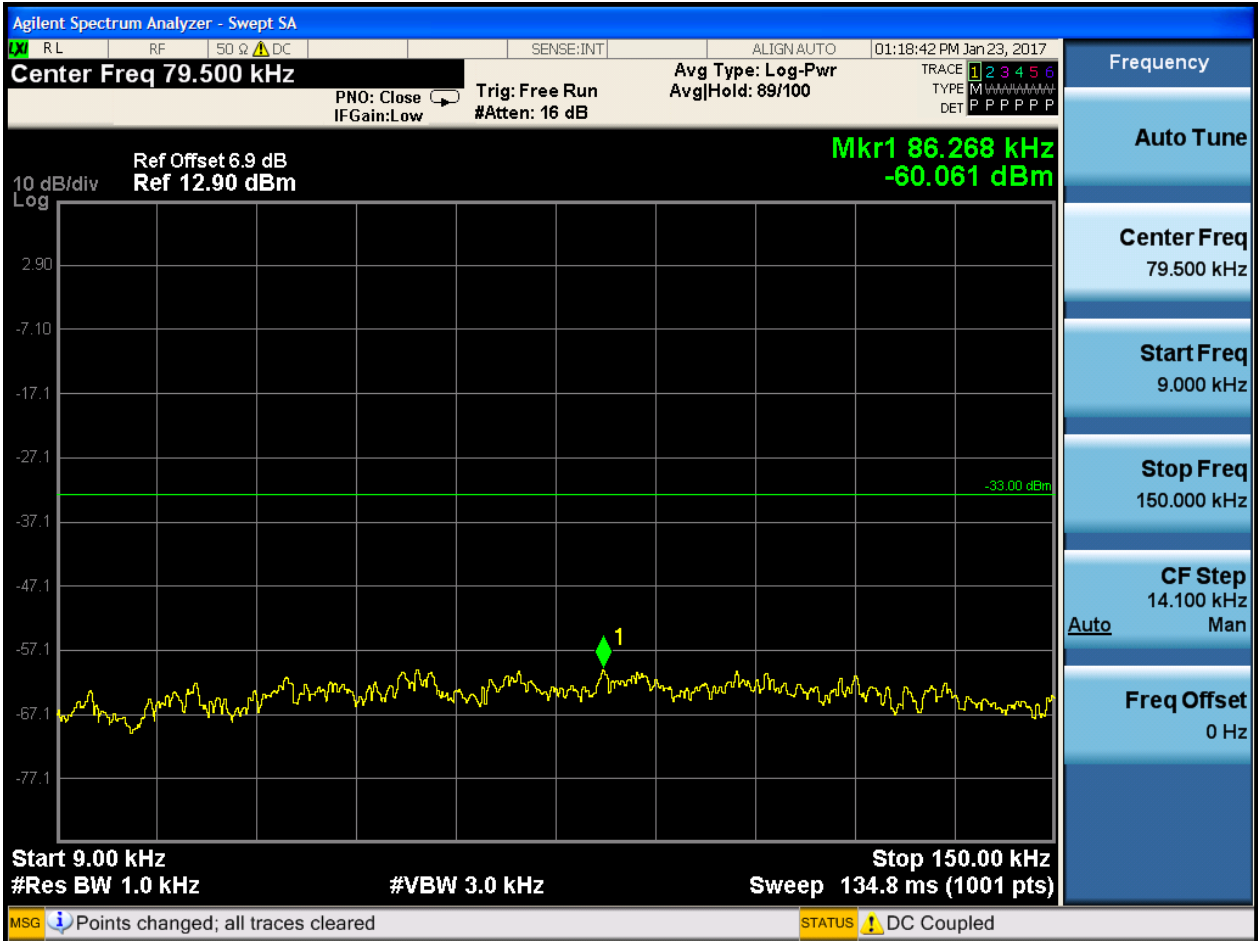


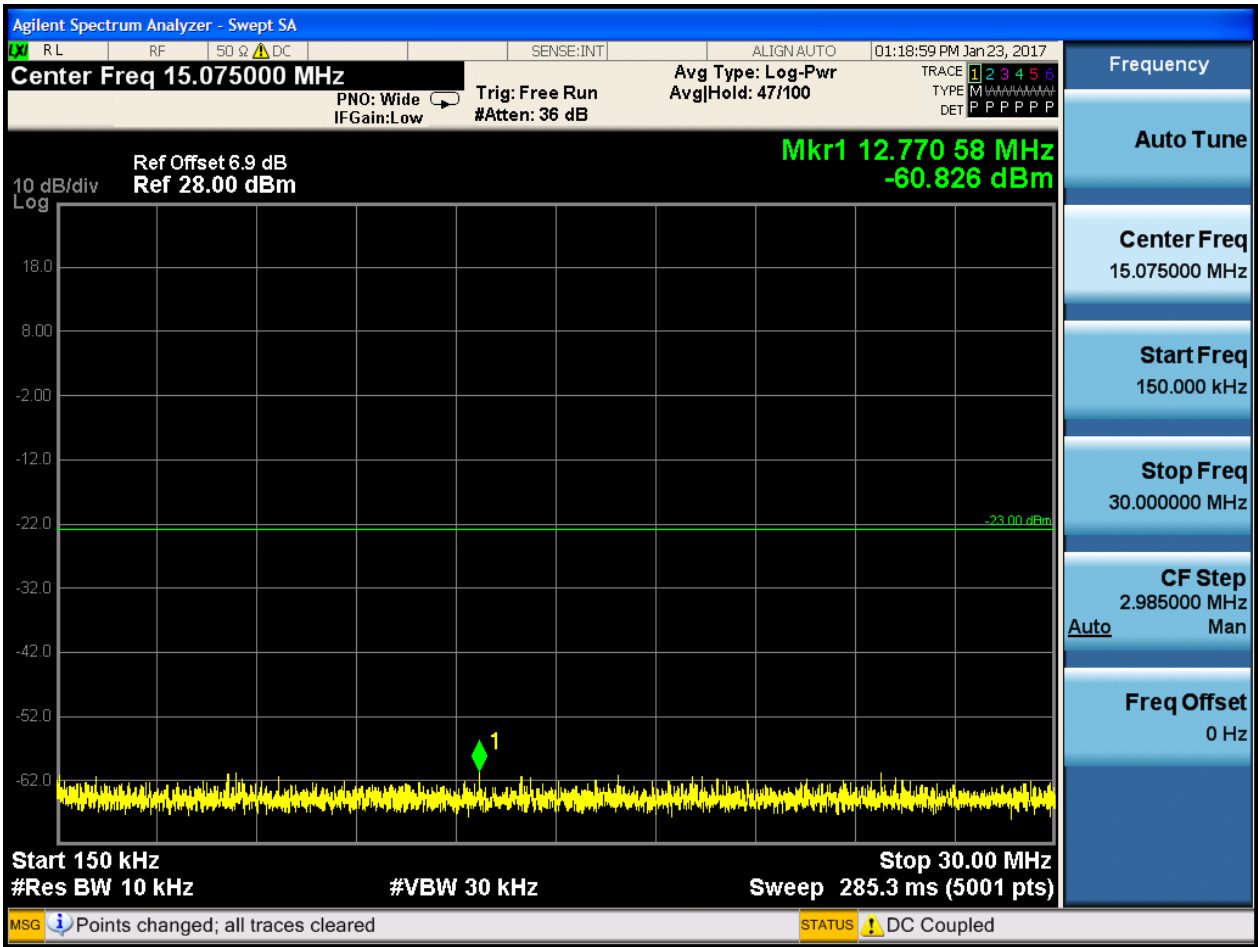


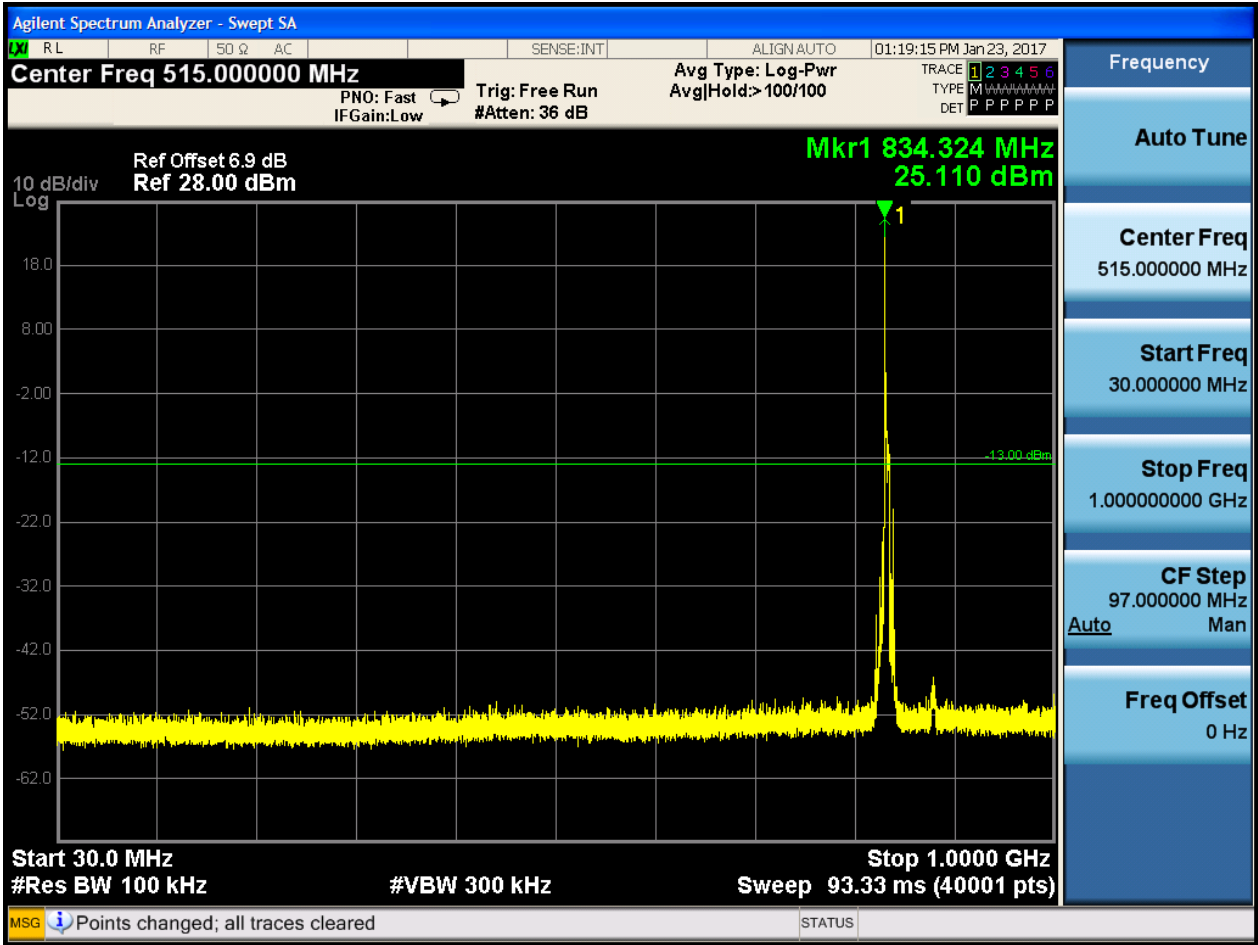


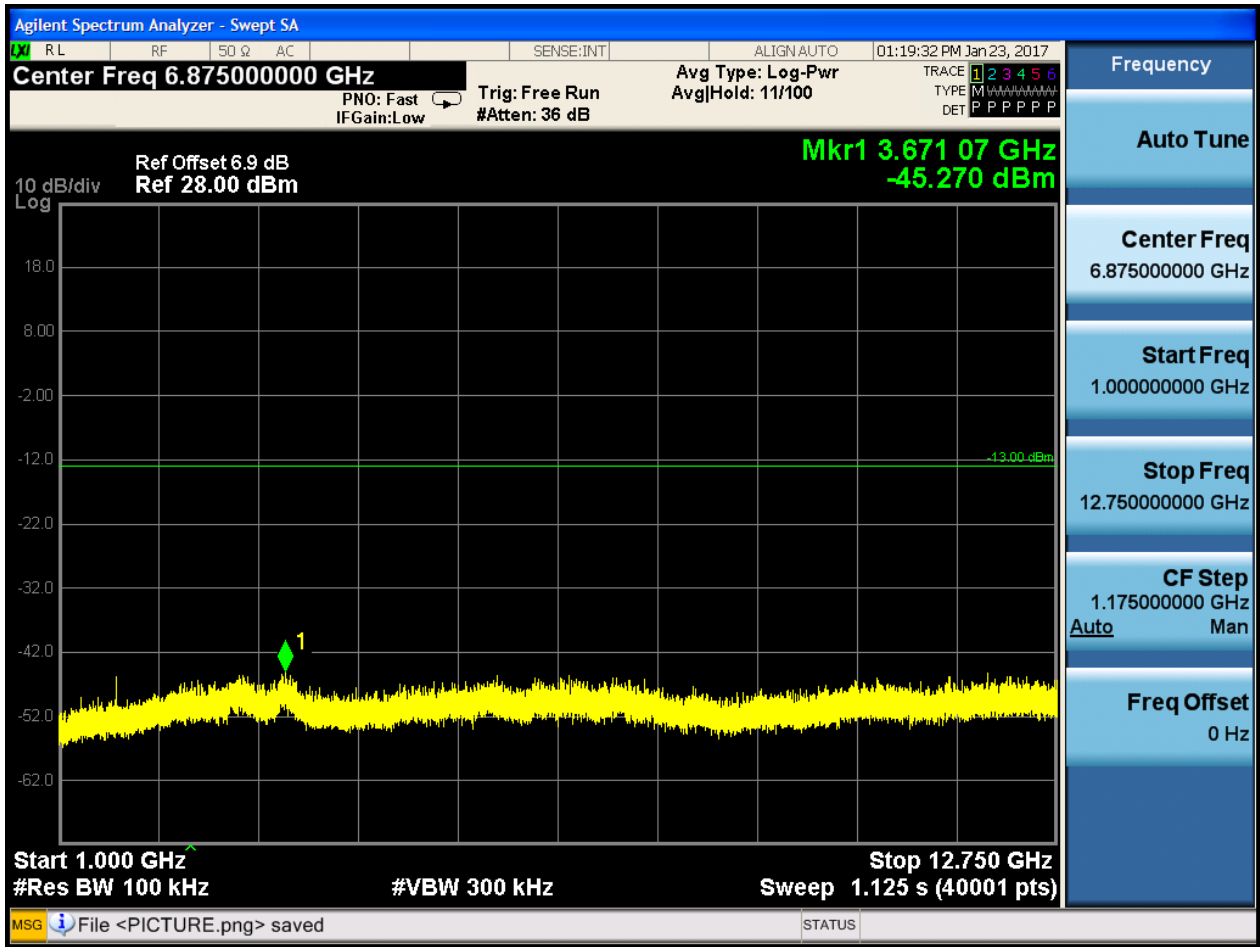
6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0





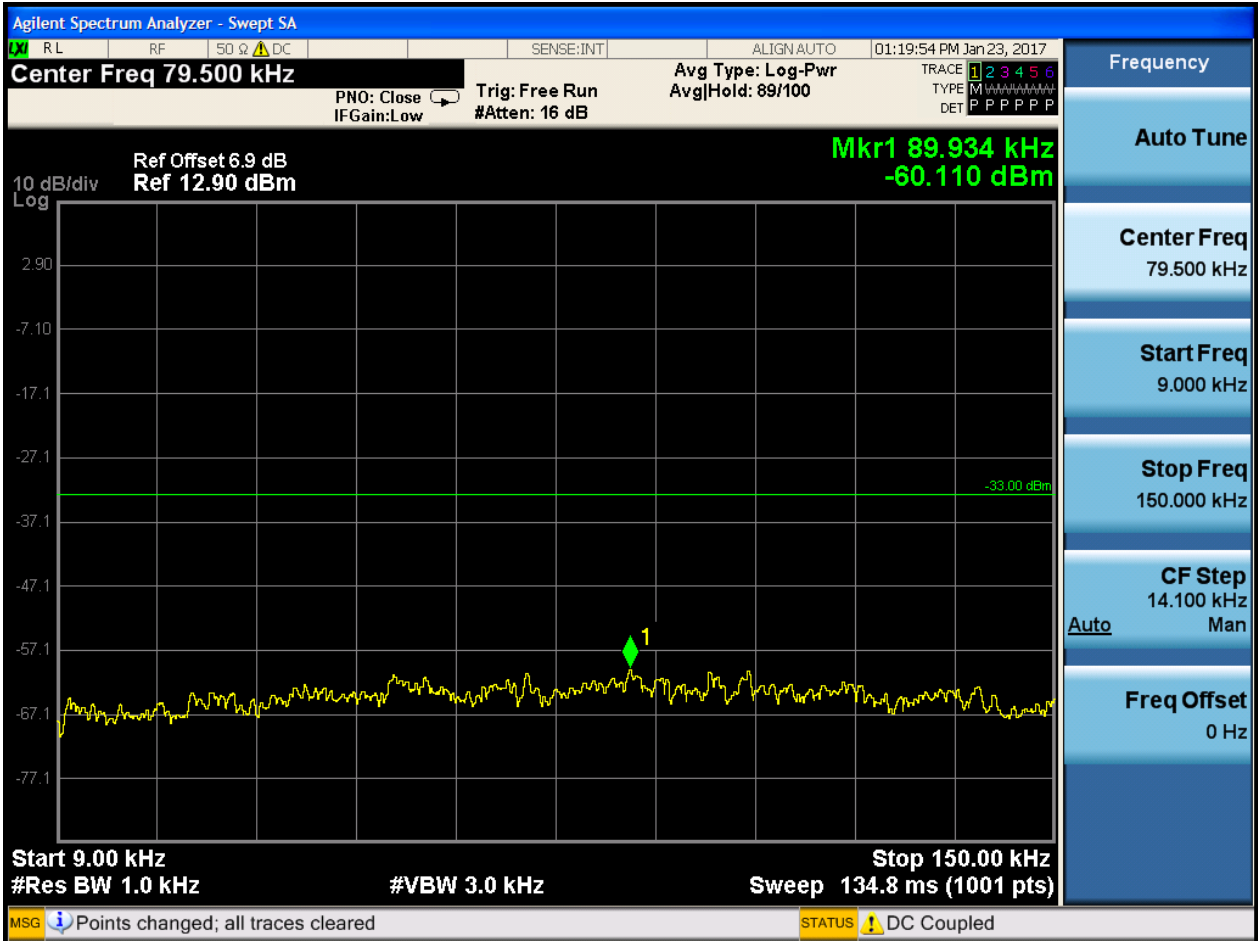


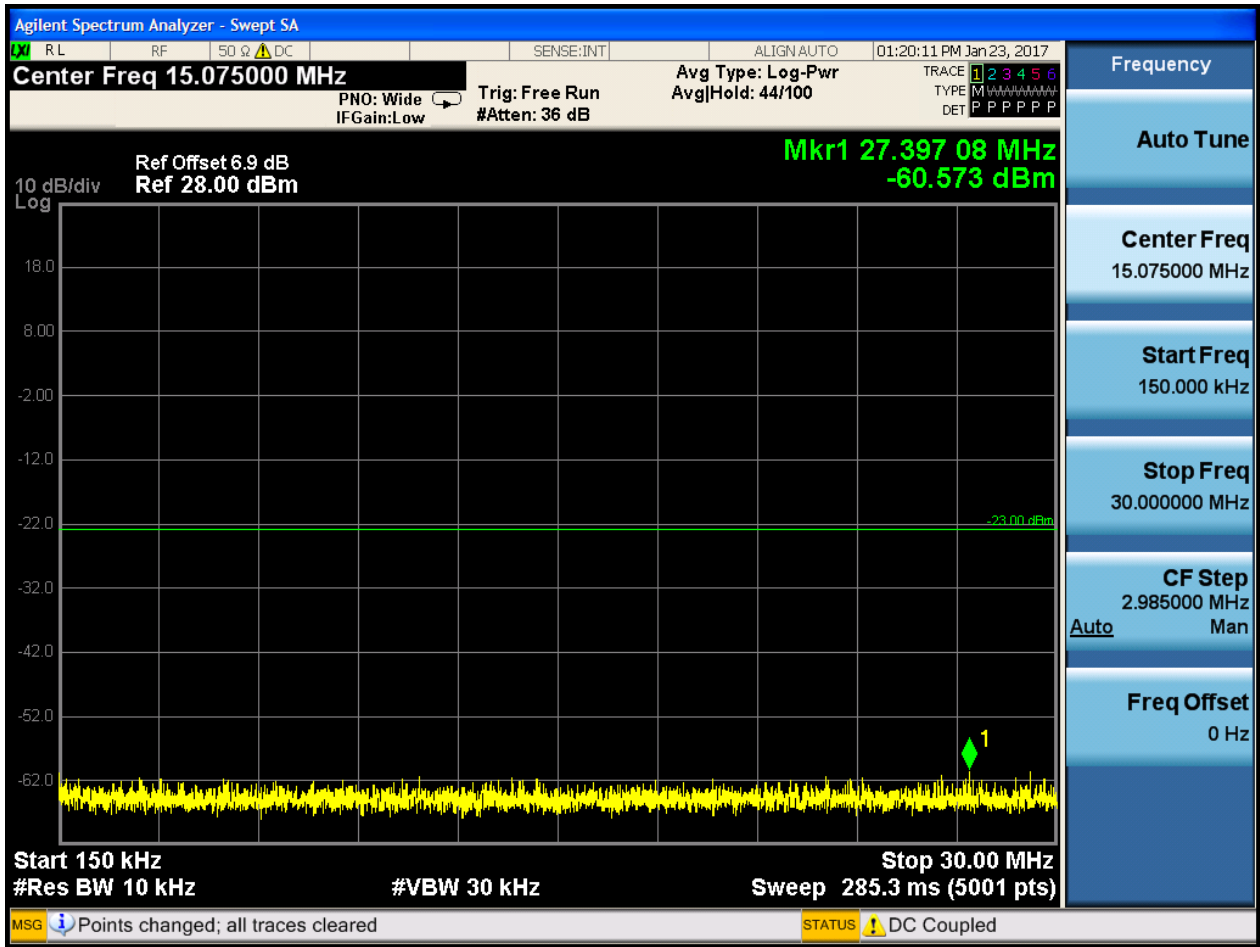


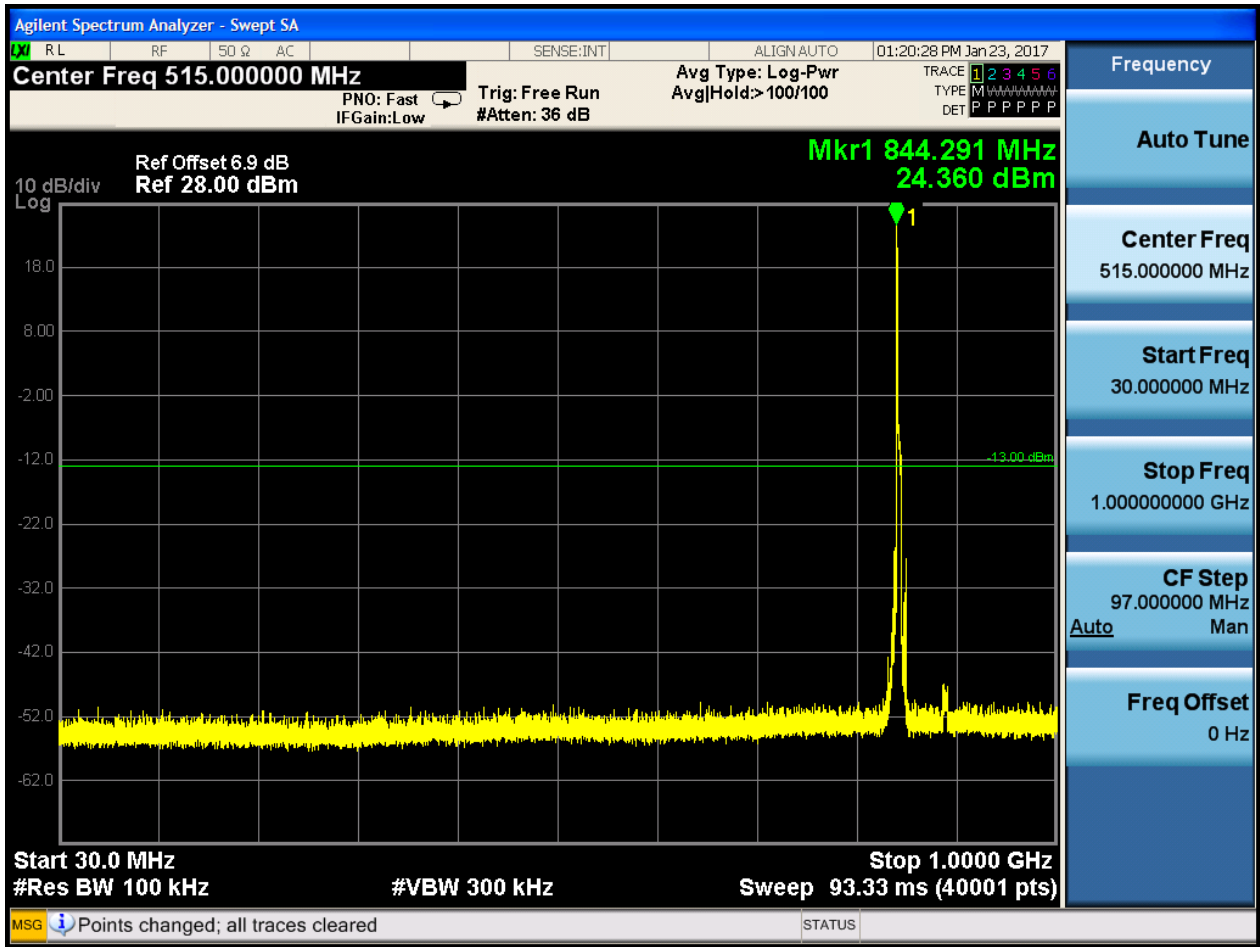


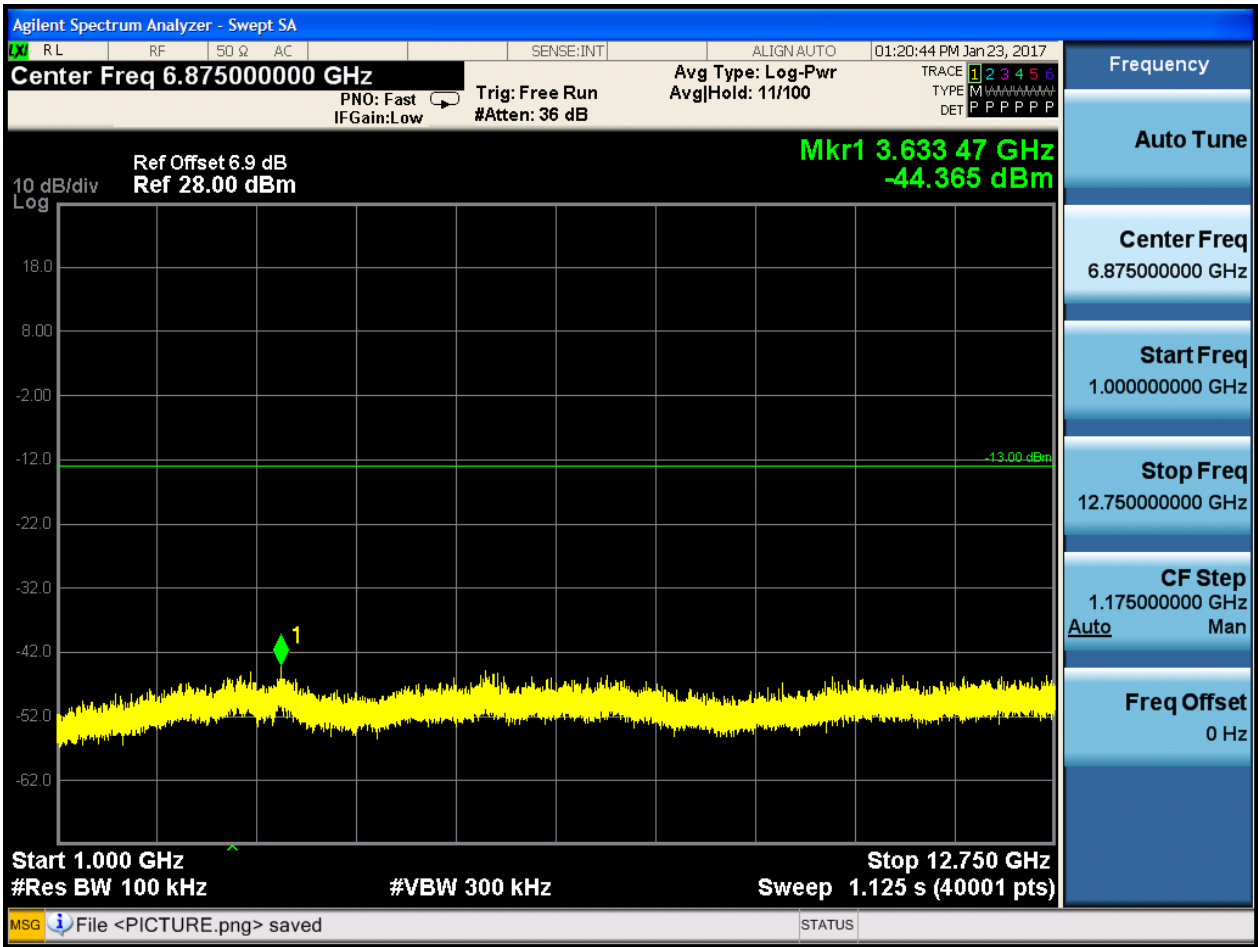
6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0







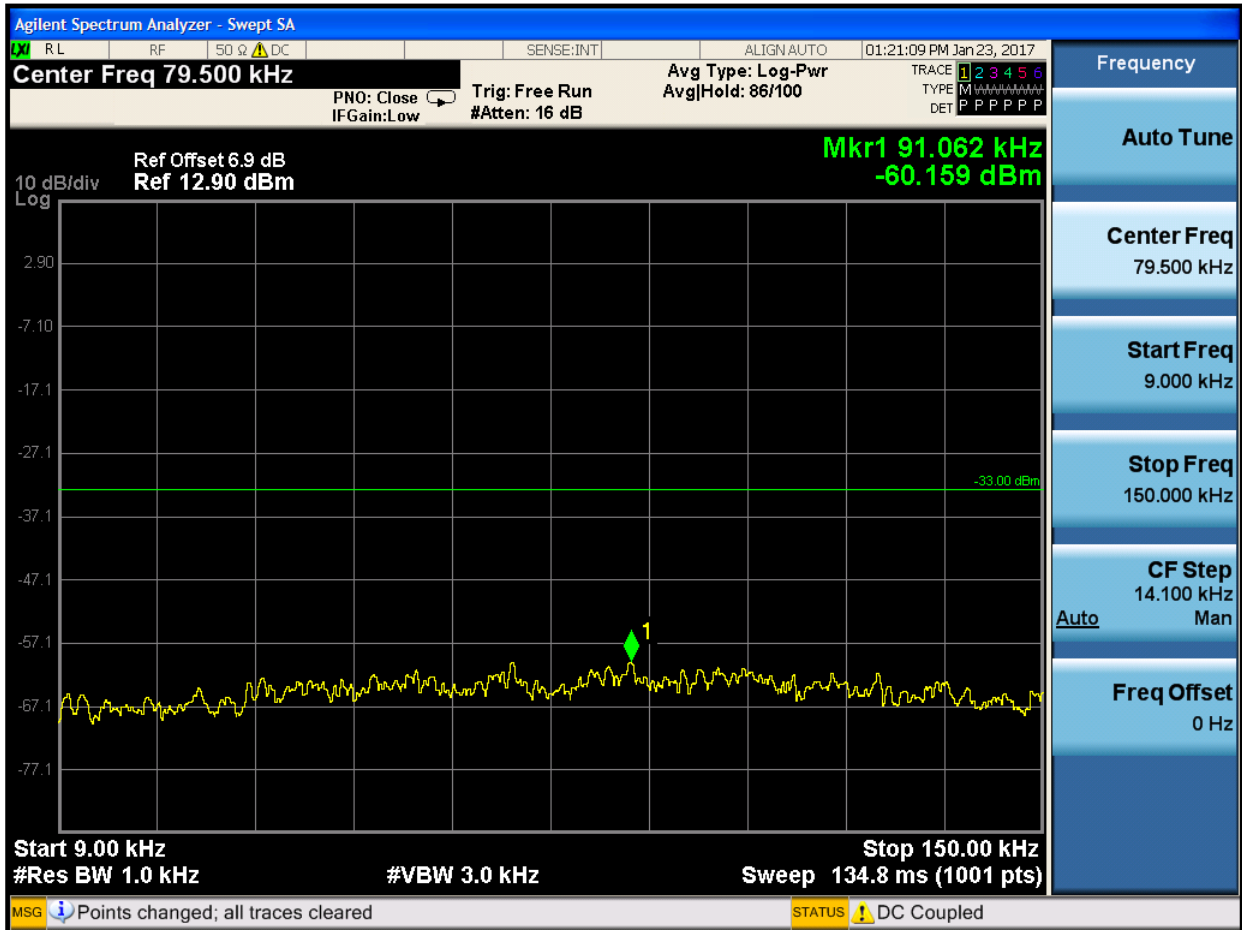


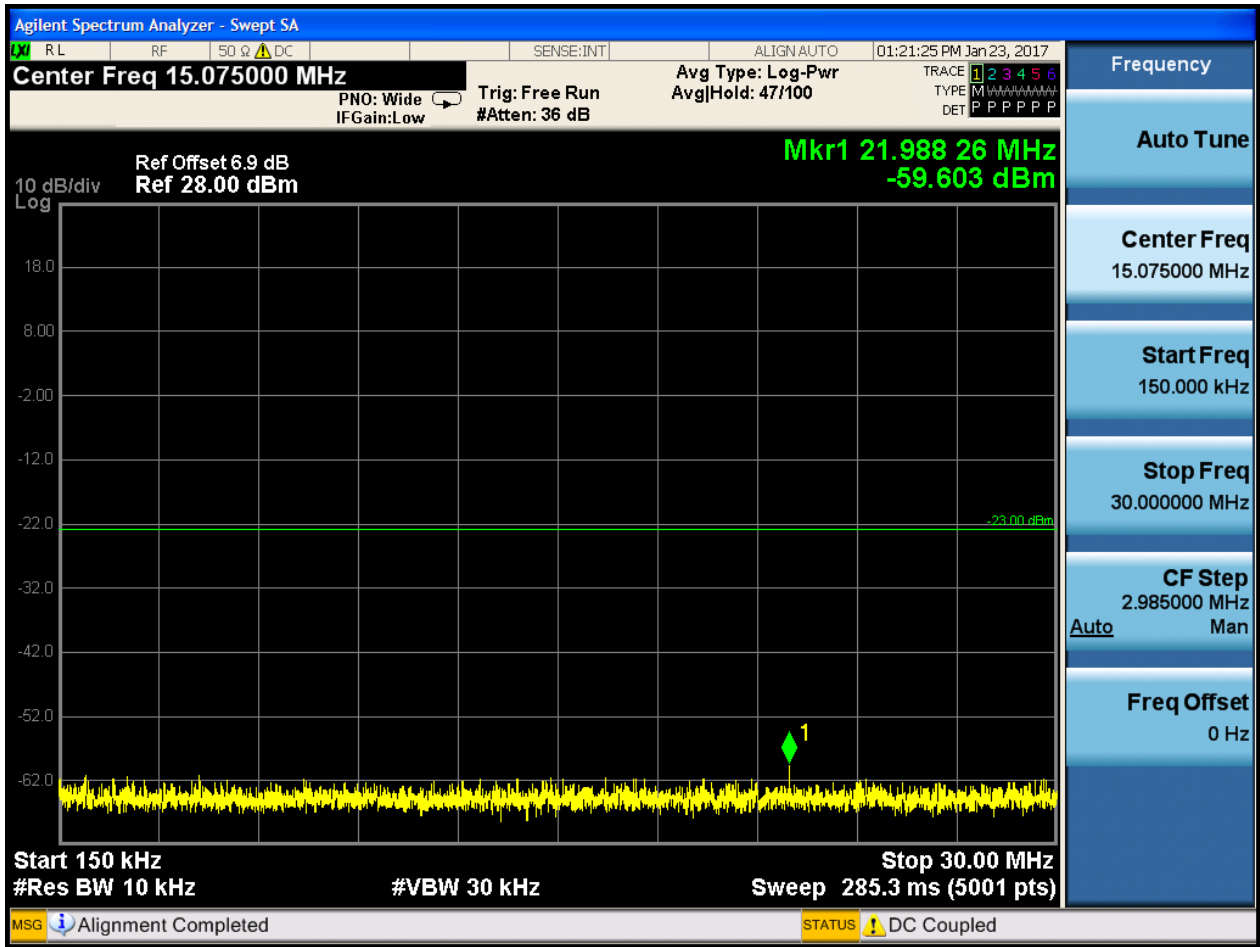


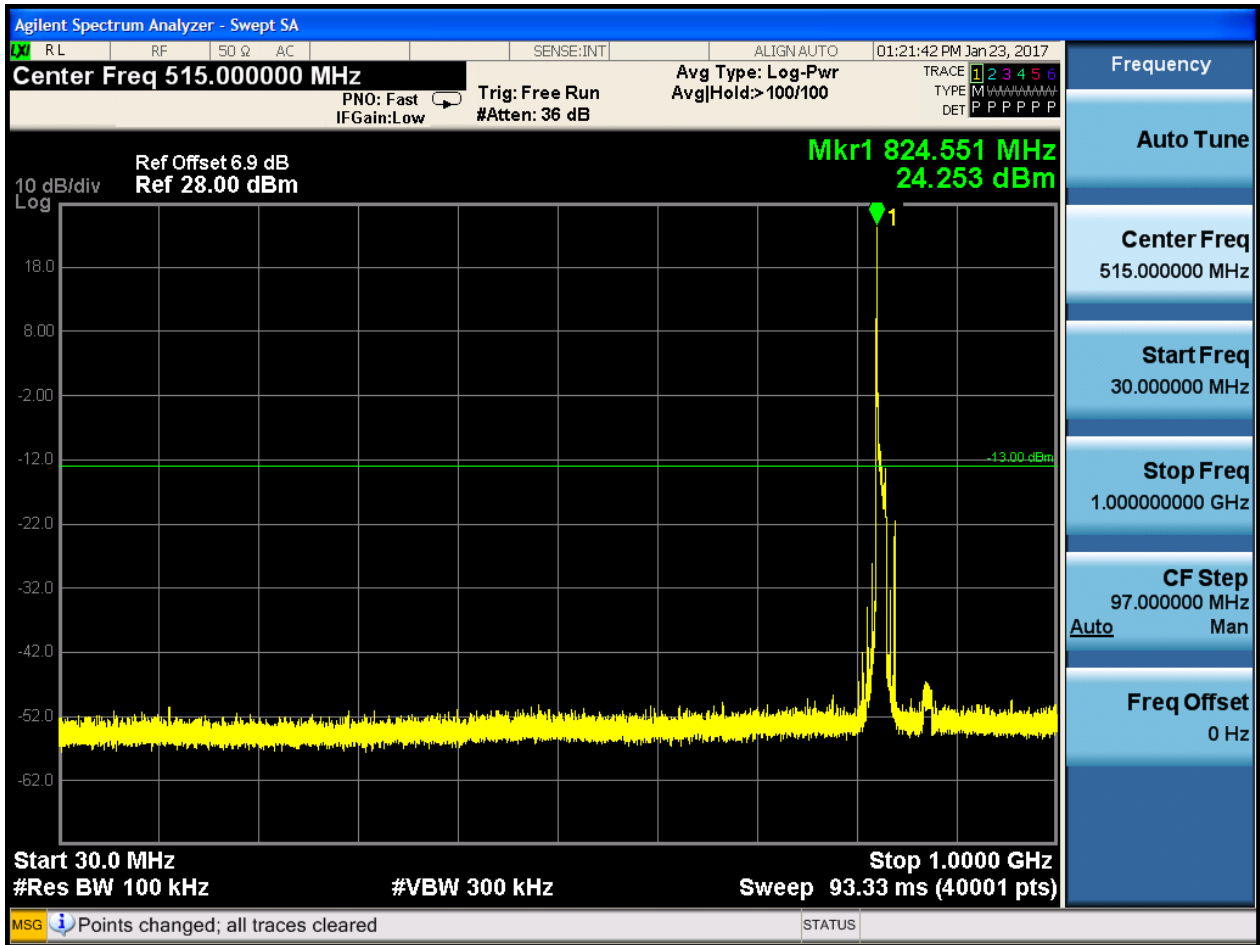
6.1.1.1.4 Test Bandwidth = 10

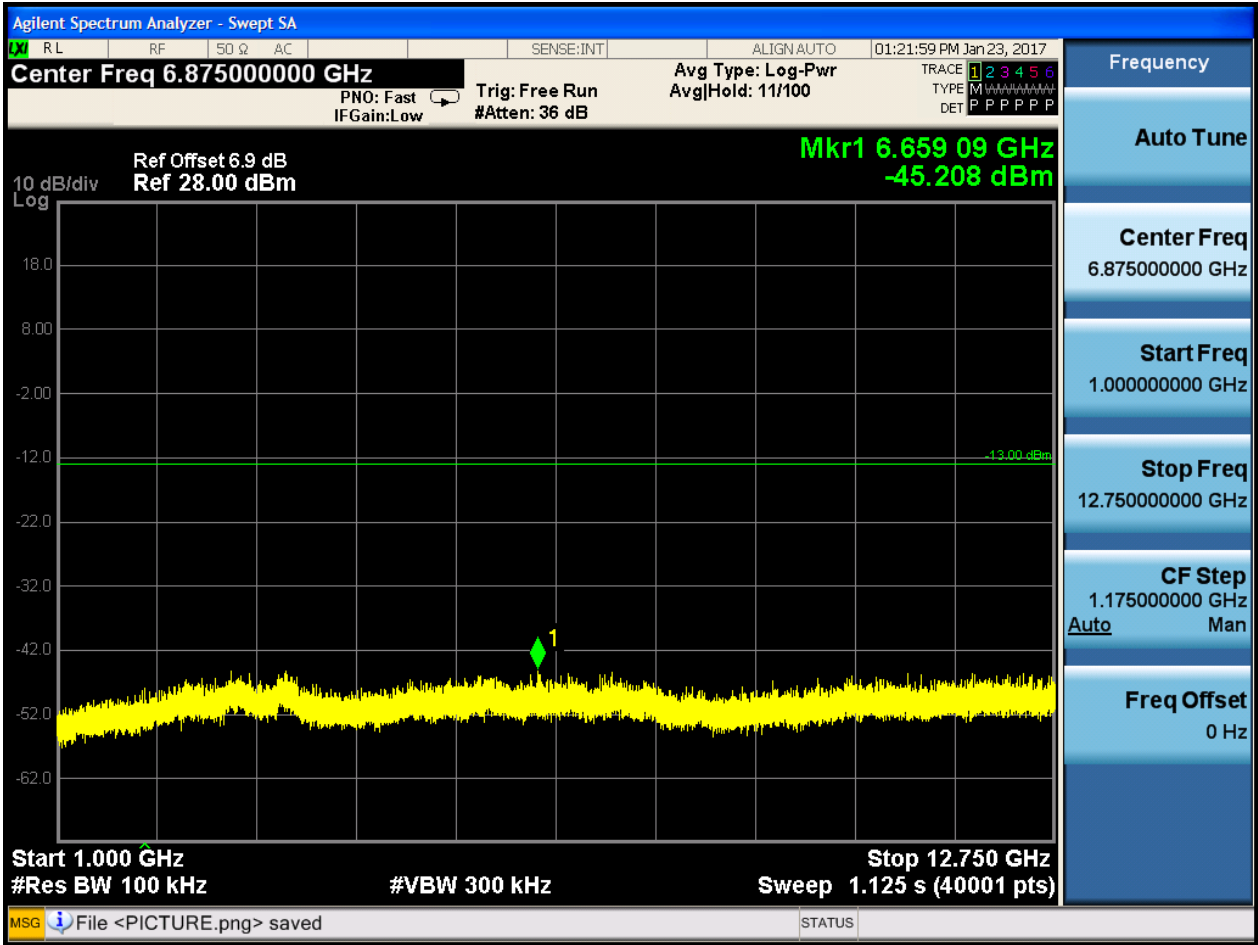
6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0





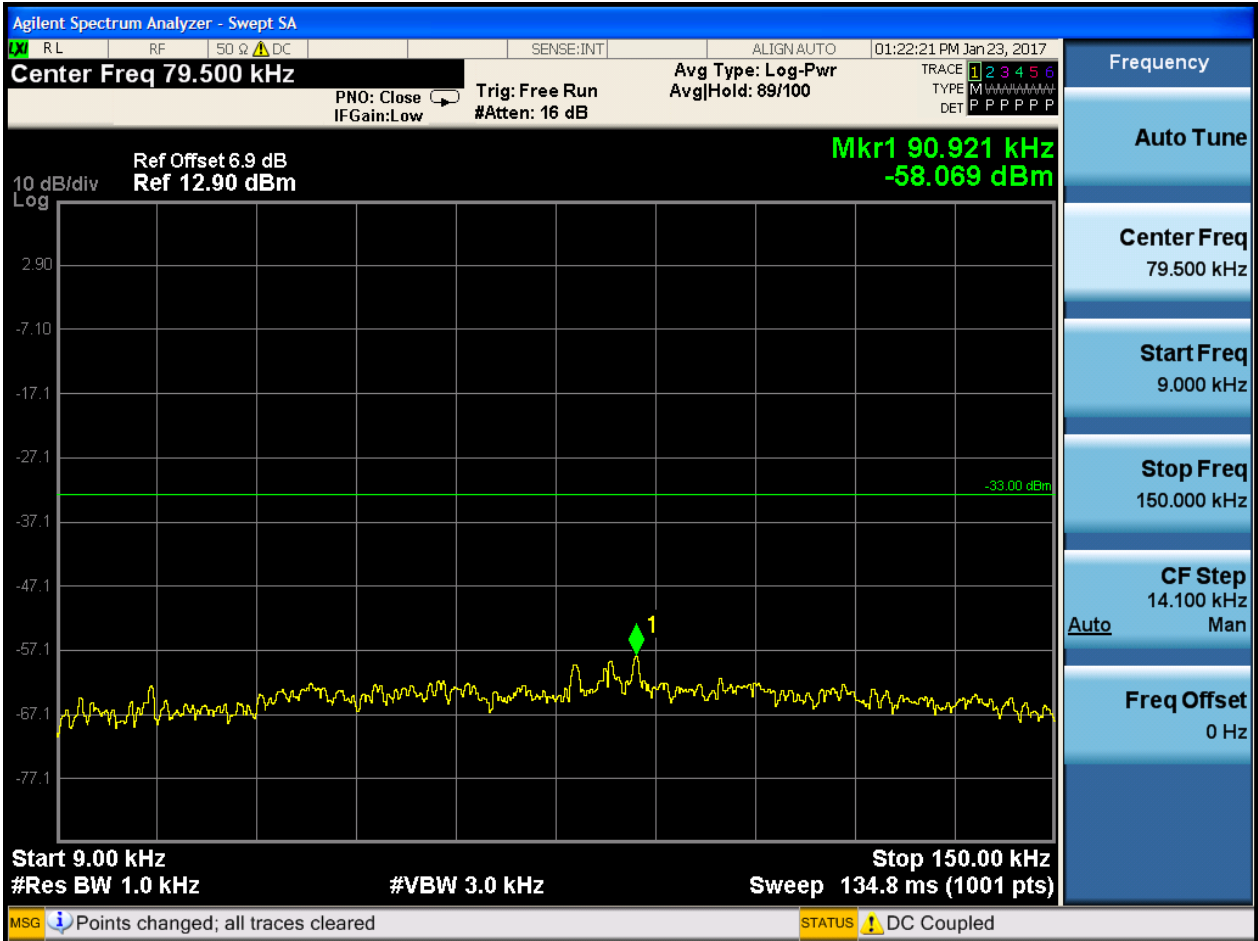


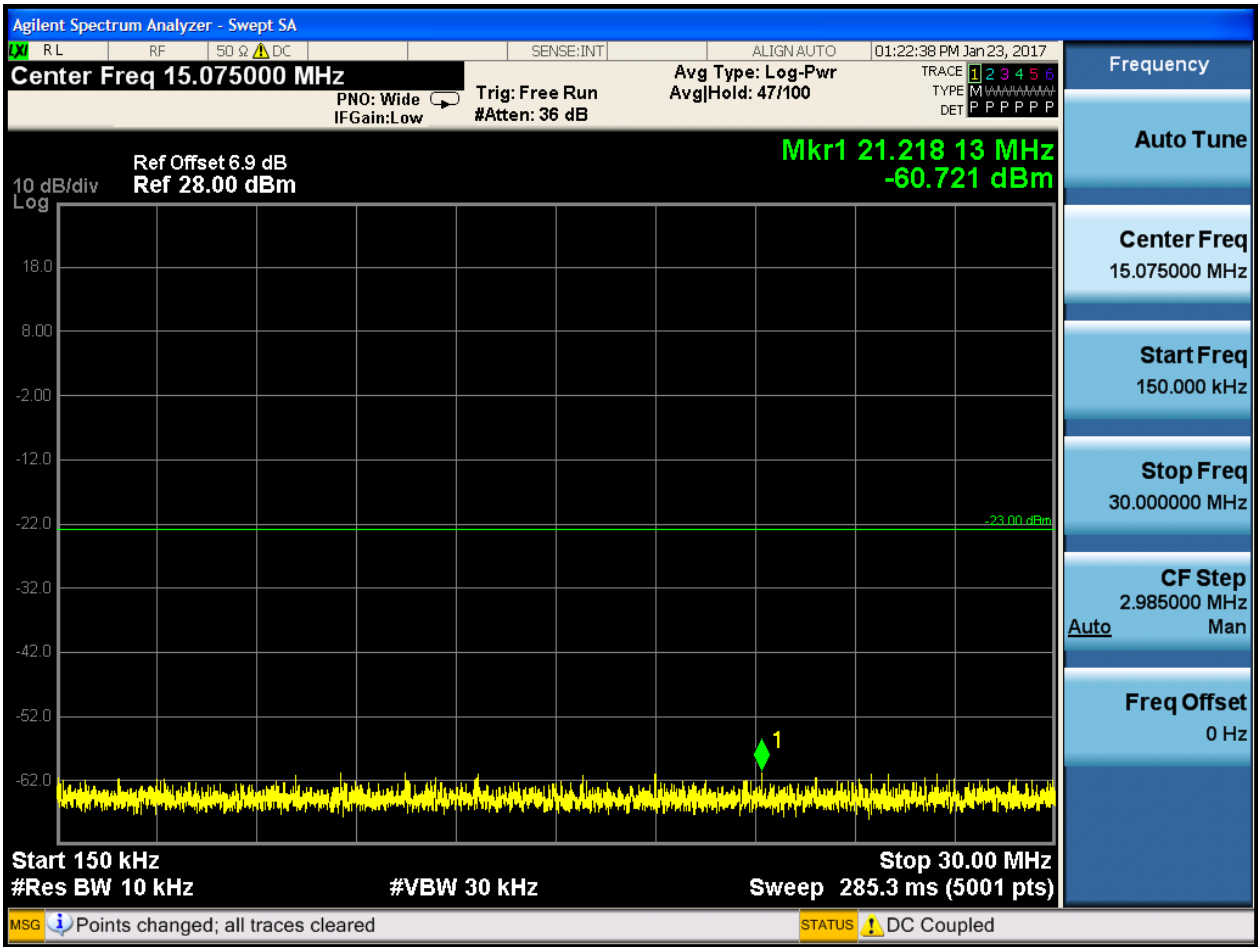


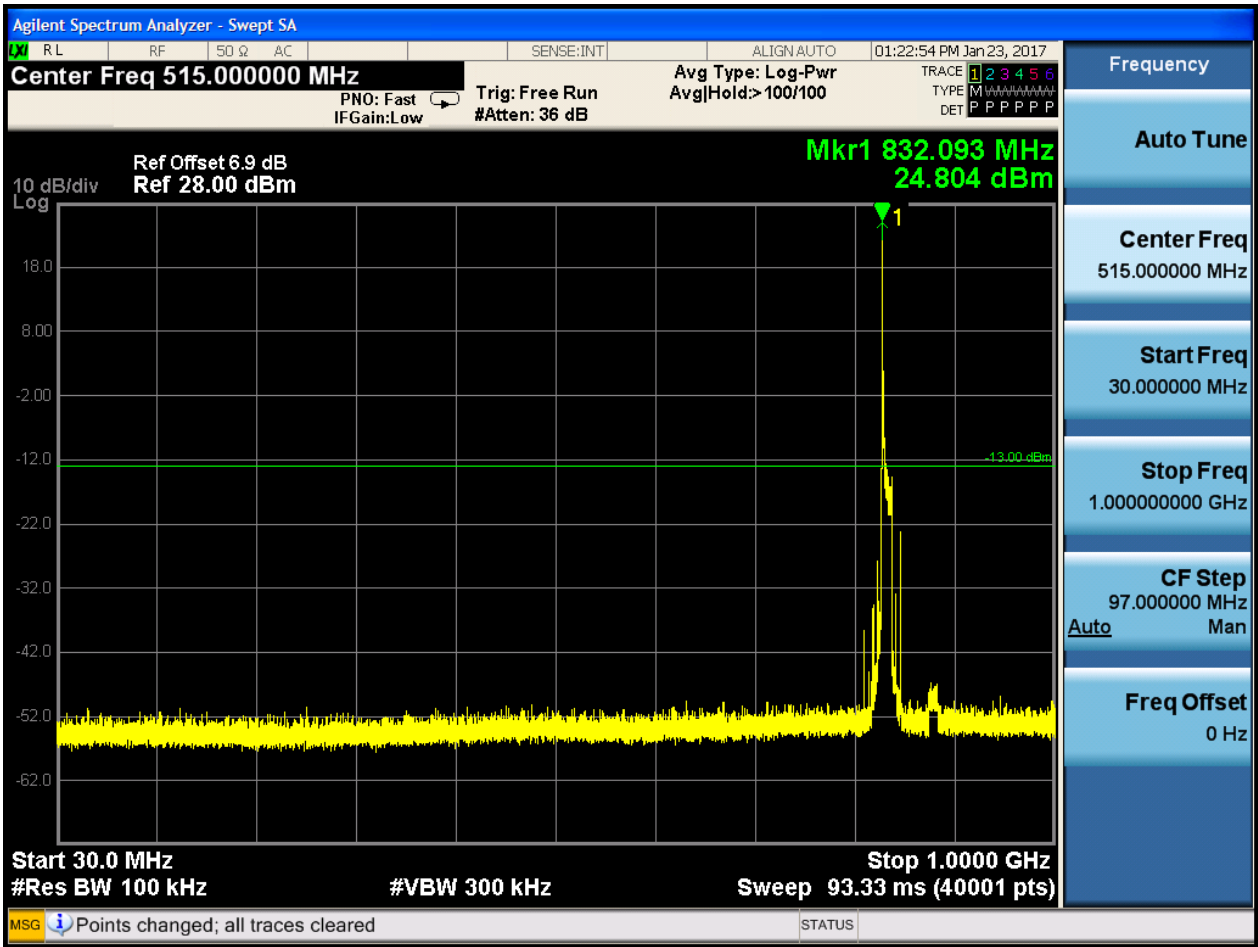


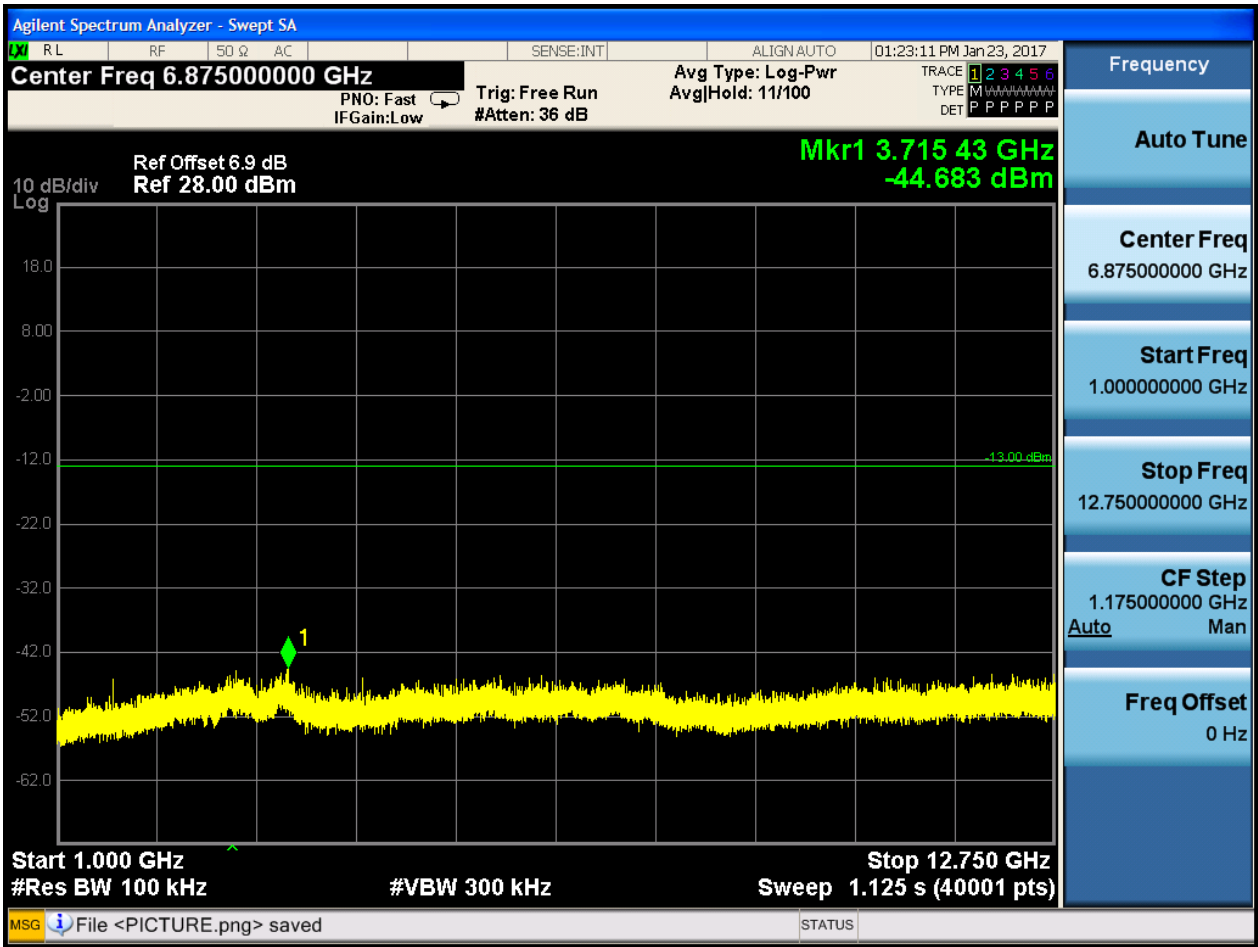
6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0





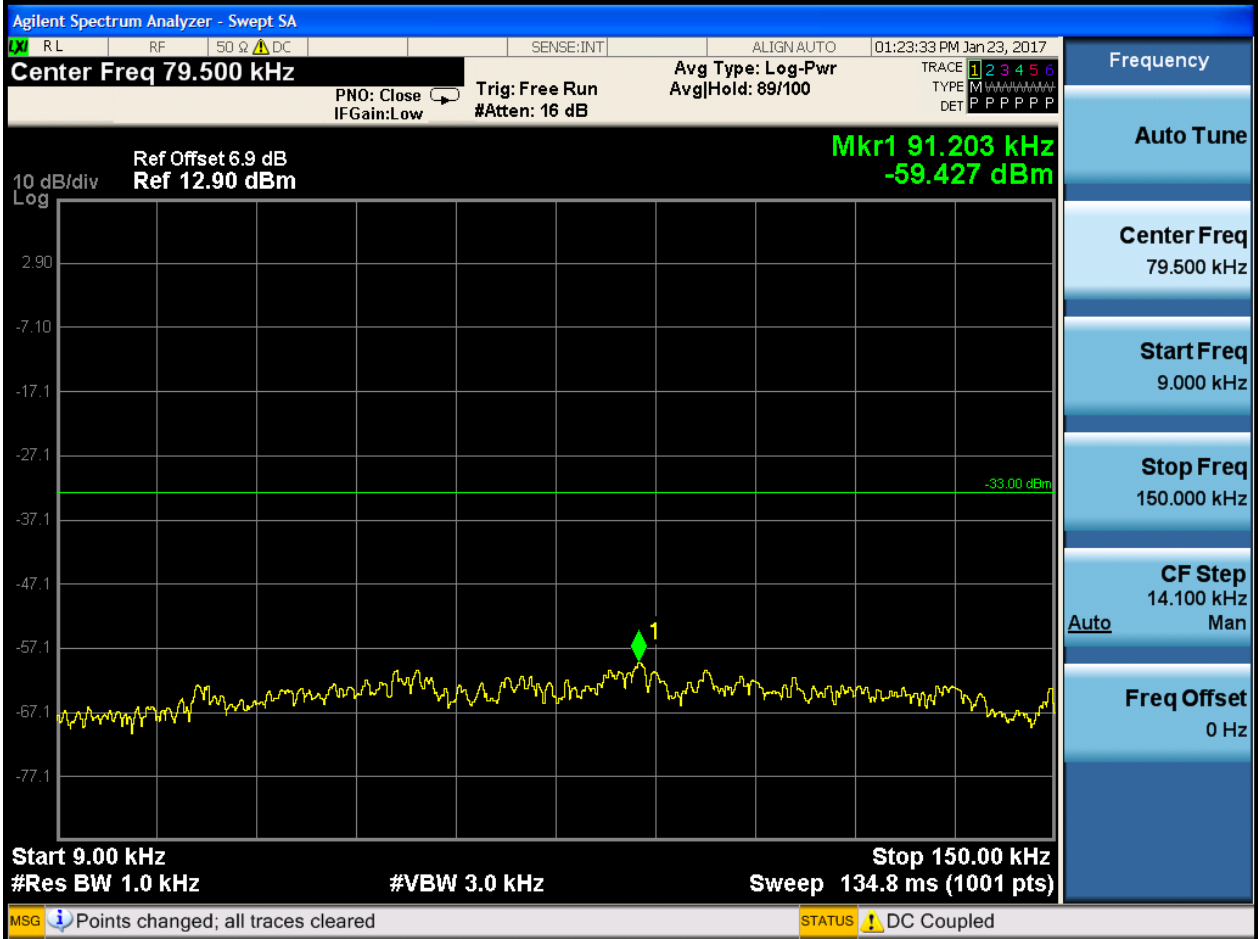


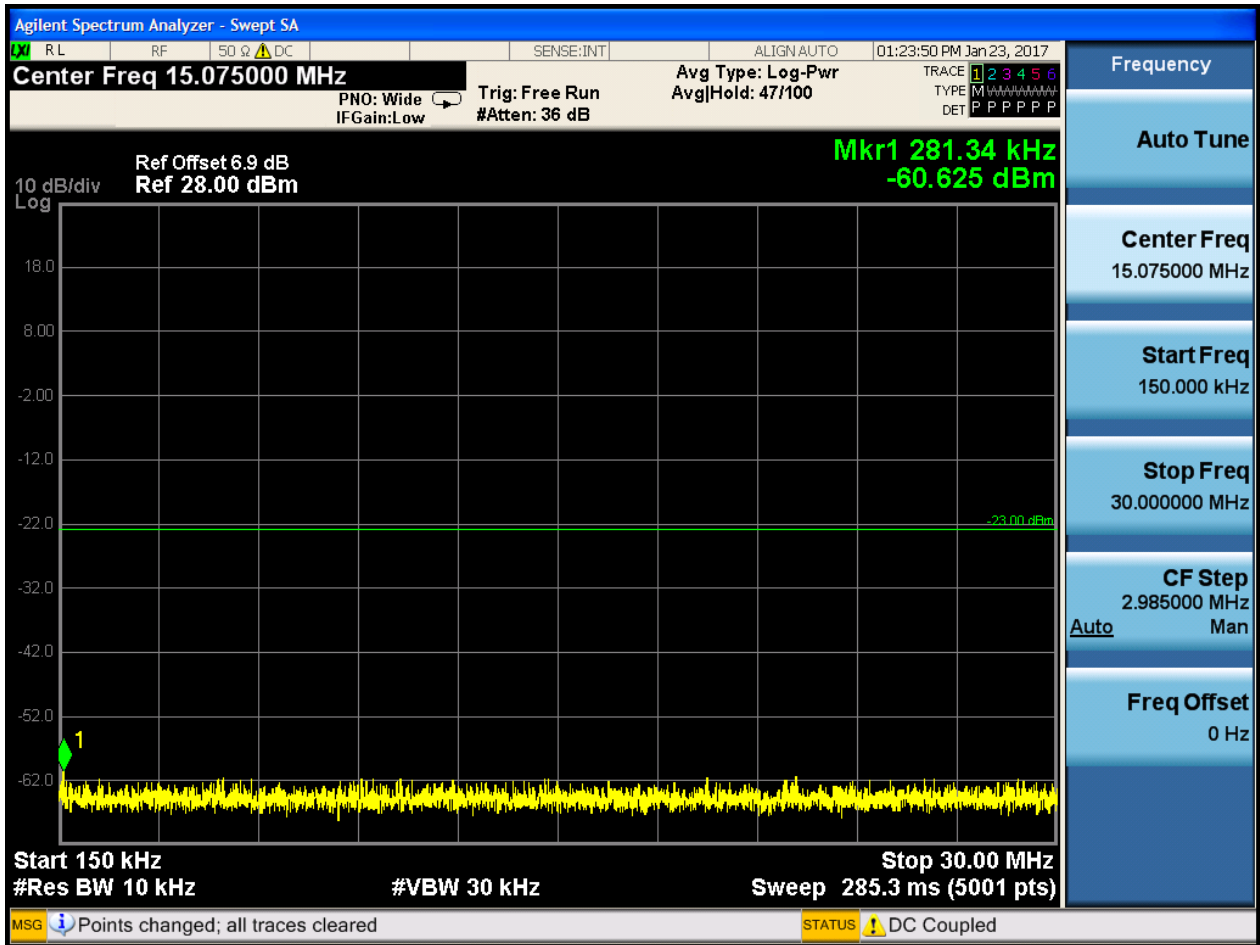


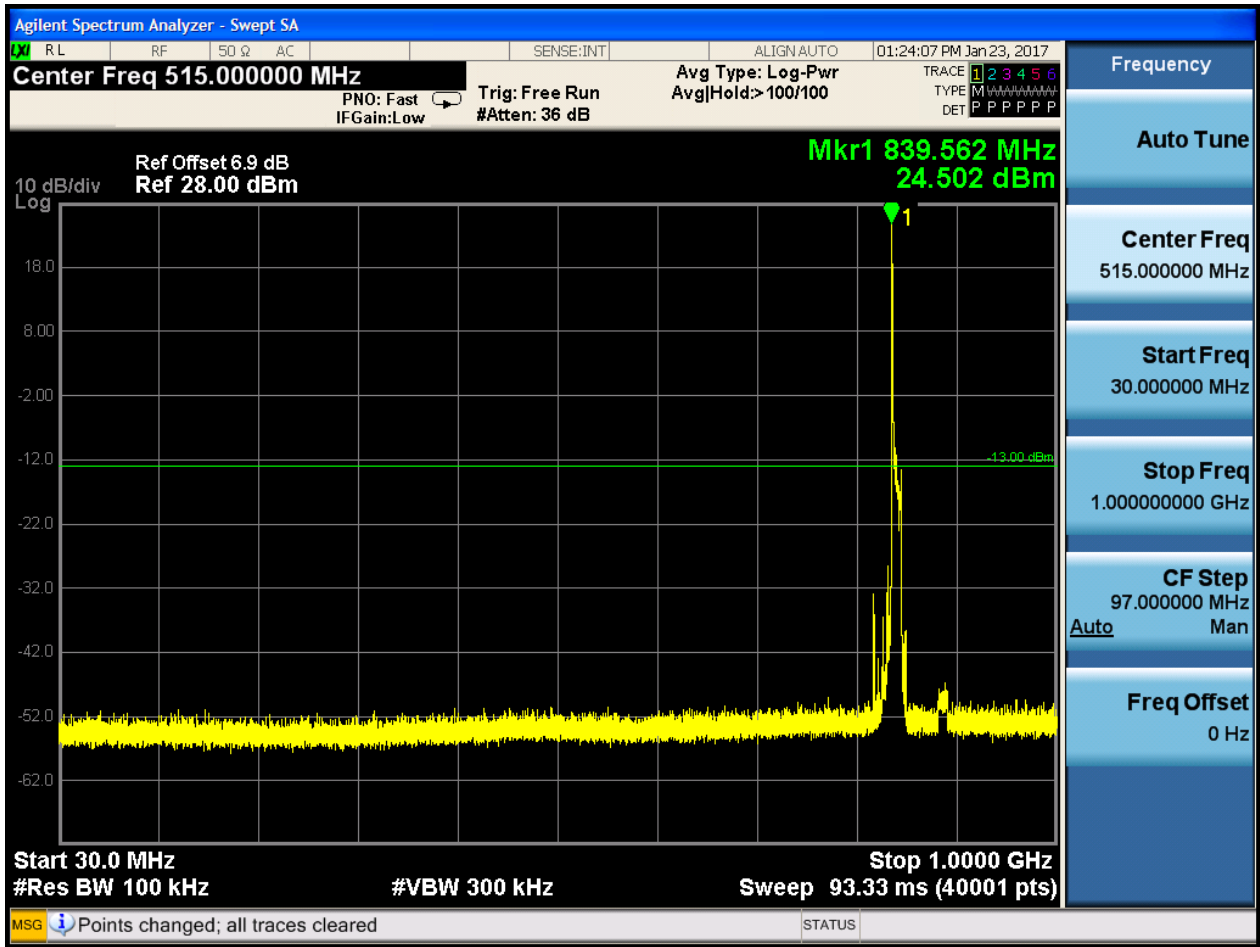


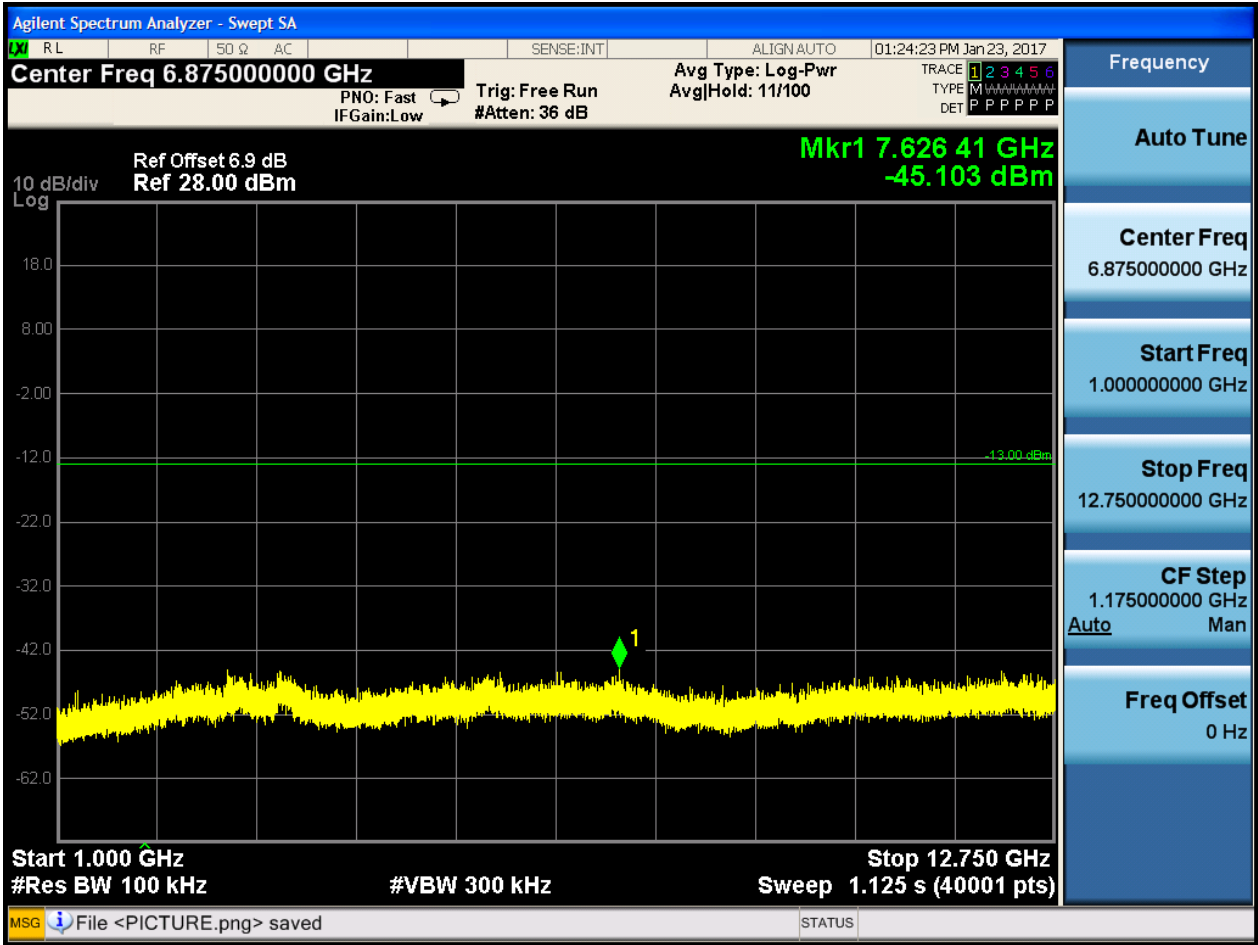
6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0









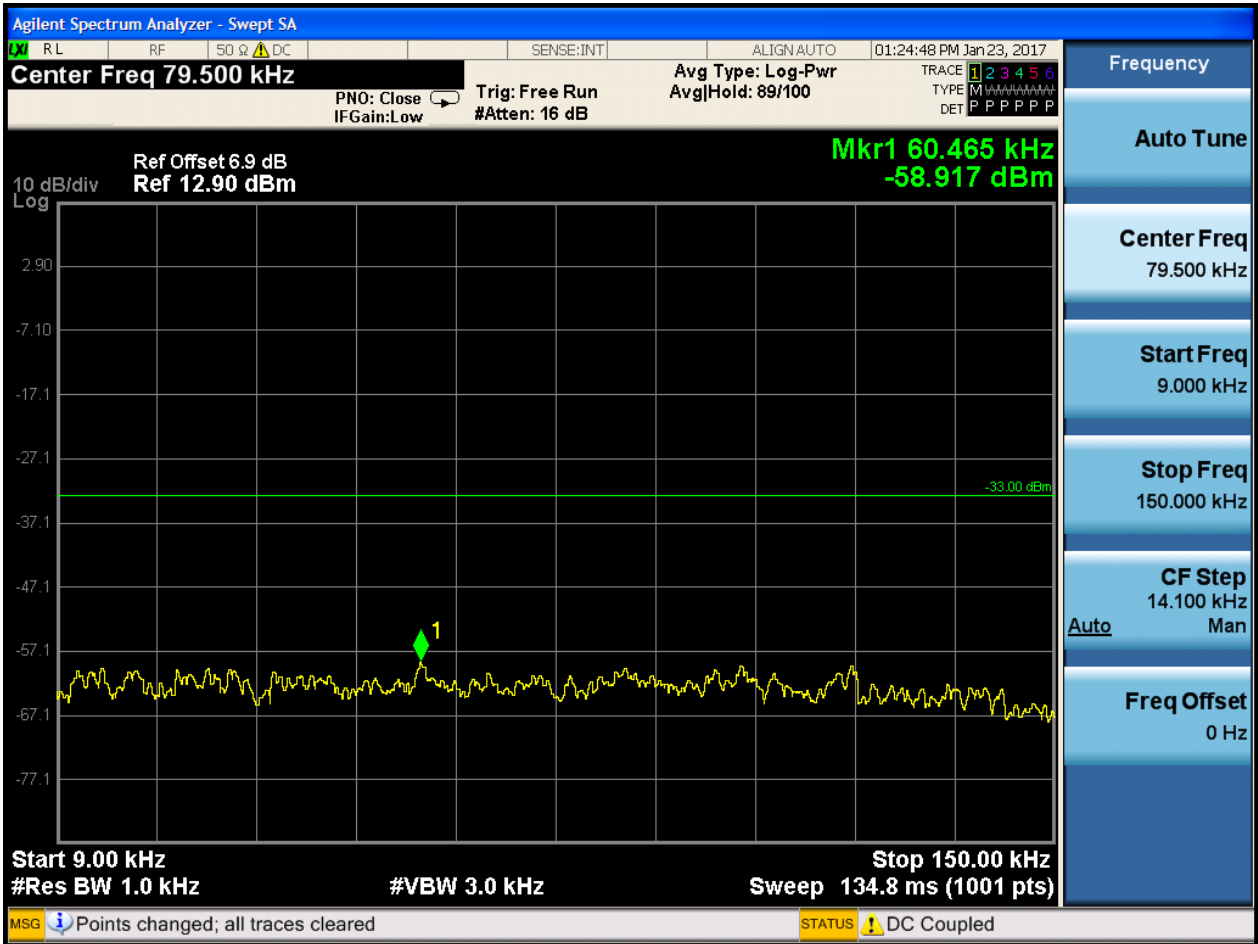


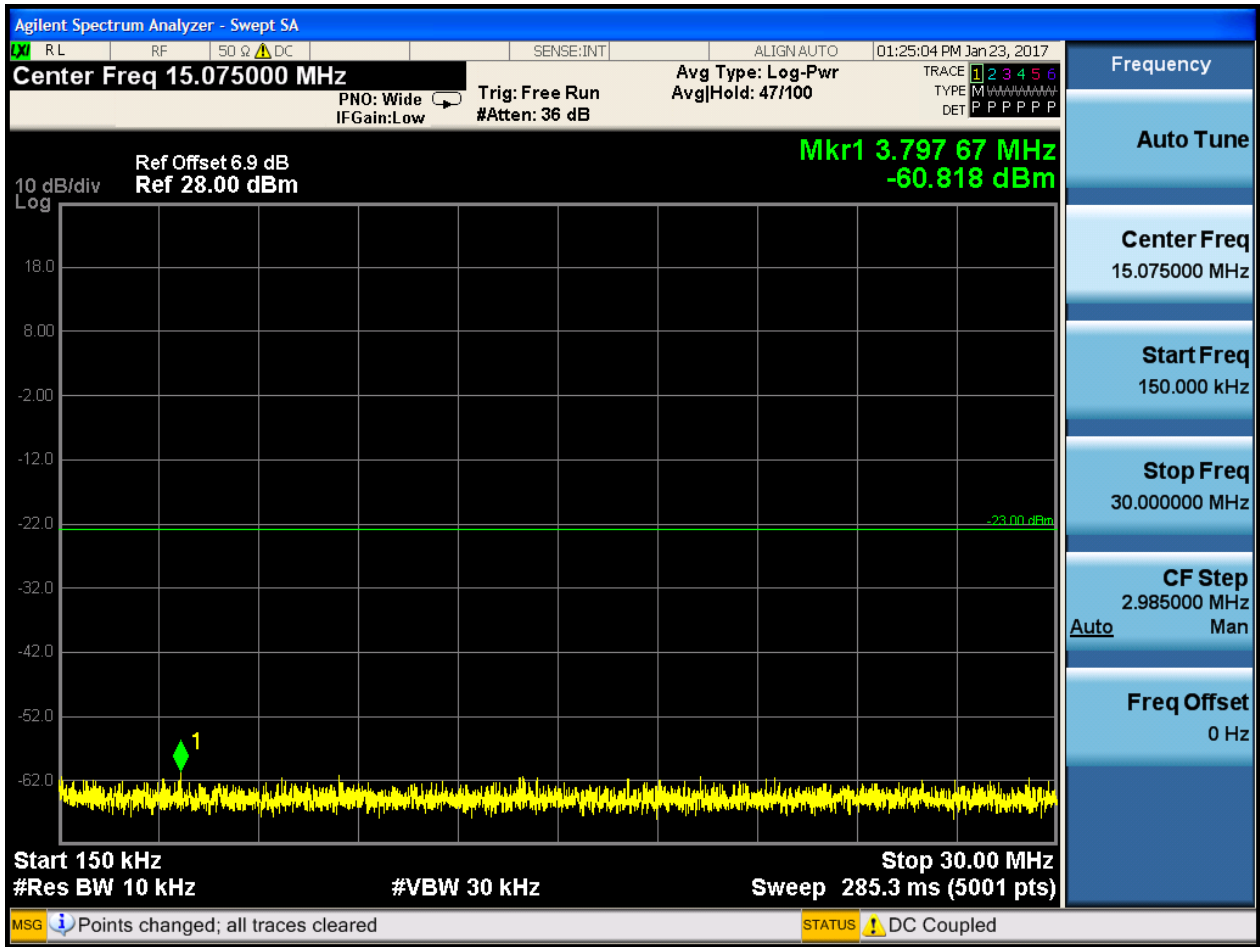
6.1.1.2 Test Mode = LTE/TM2

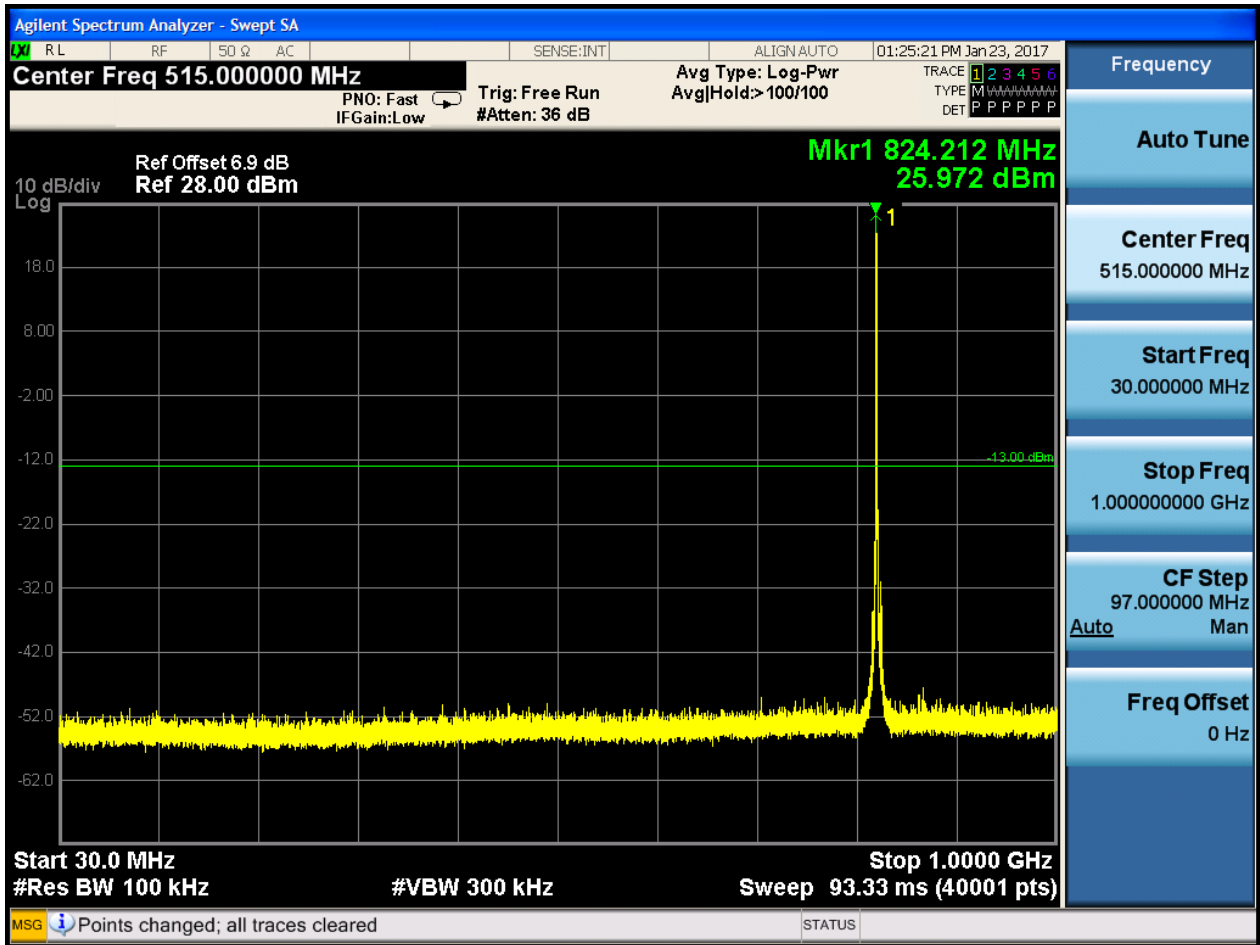
6.1.1.2.1 Test Bandwidth = 1.4

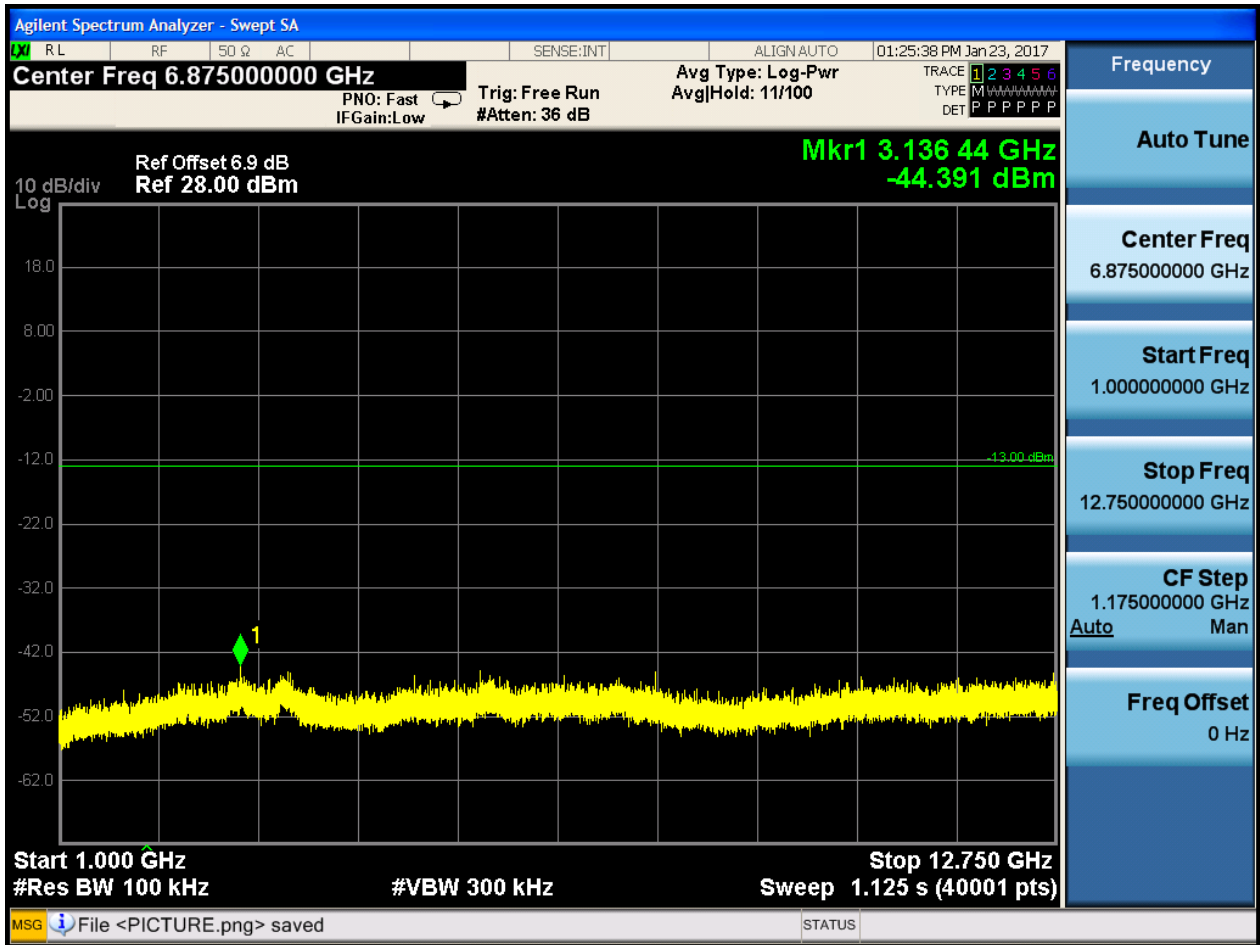
6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0





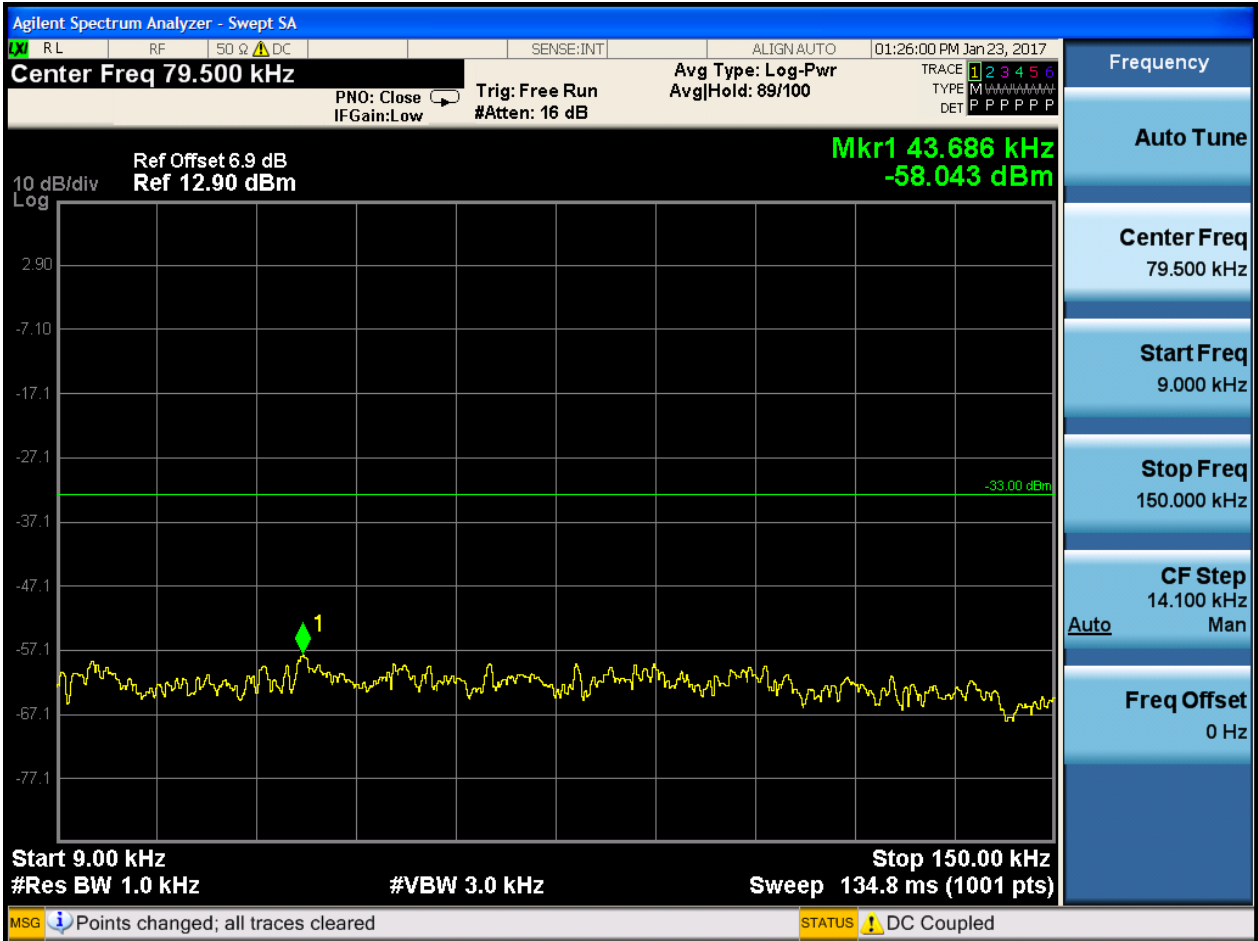


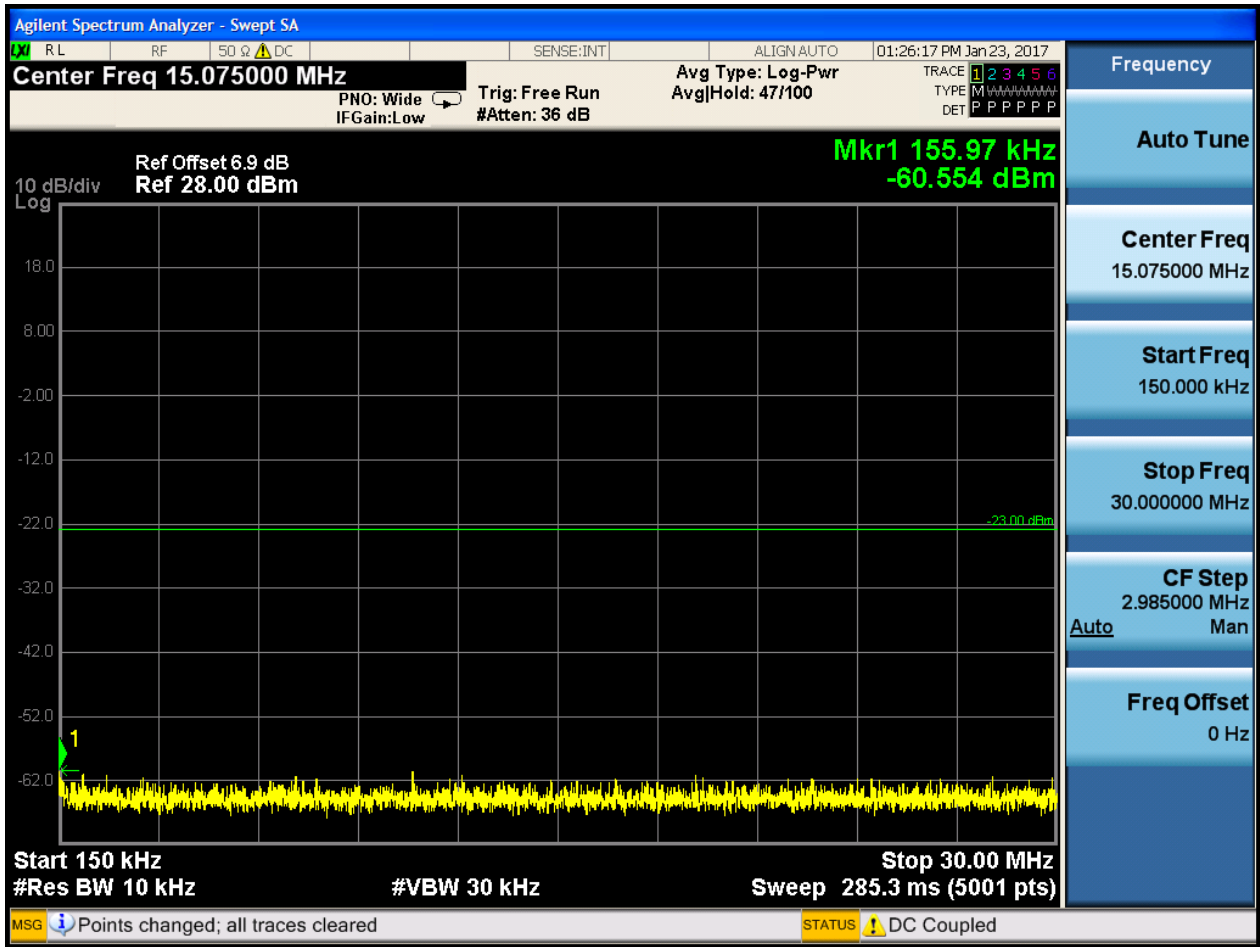


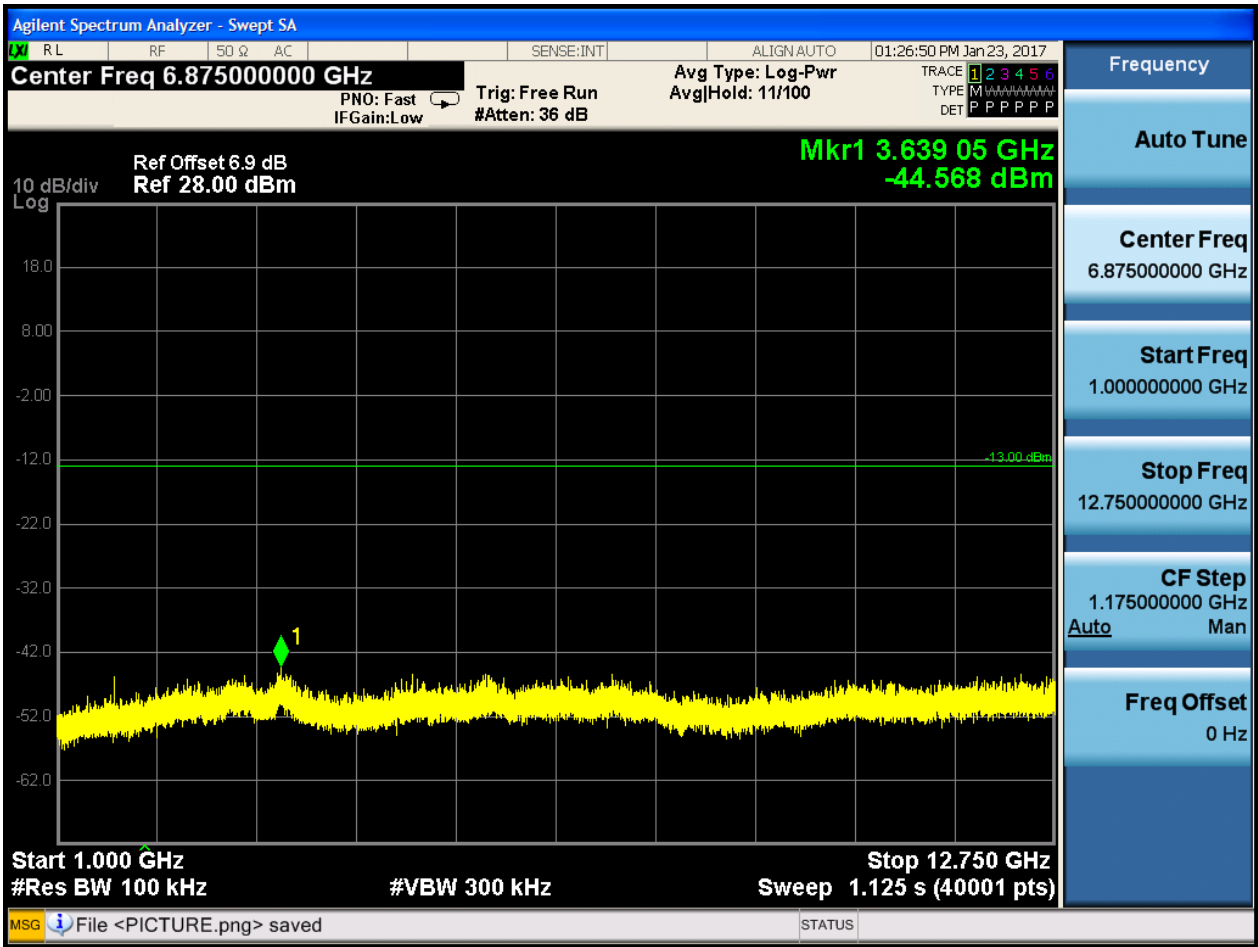


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



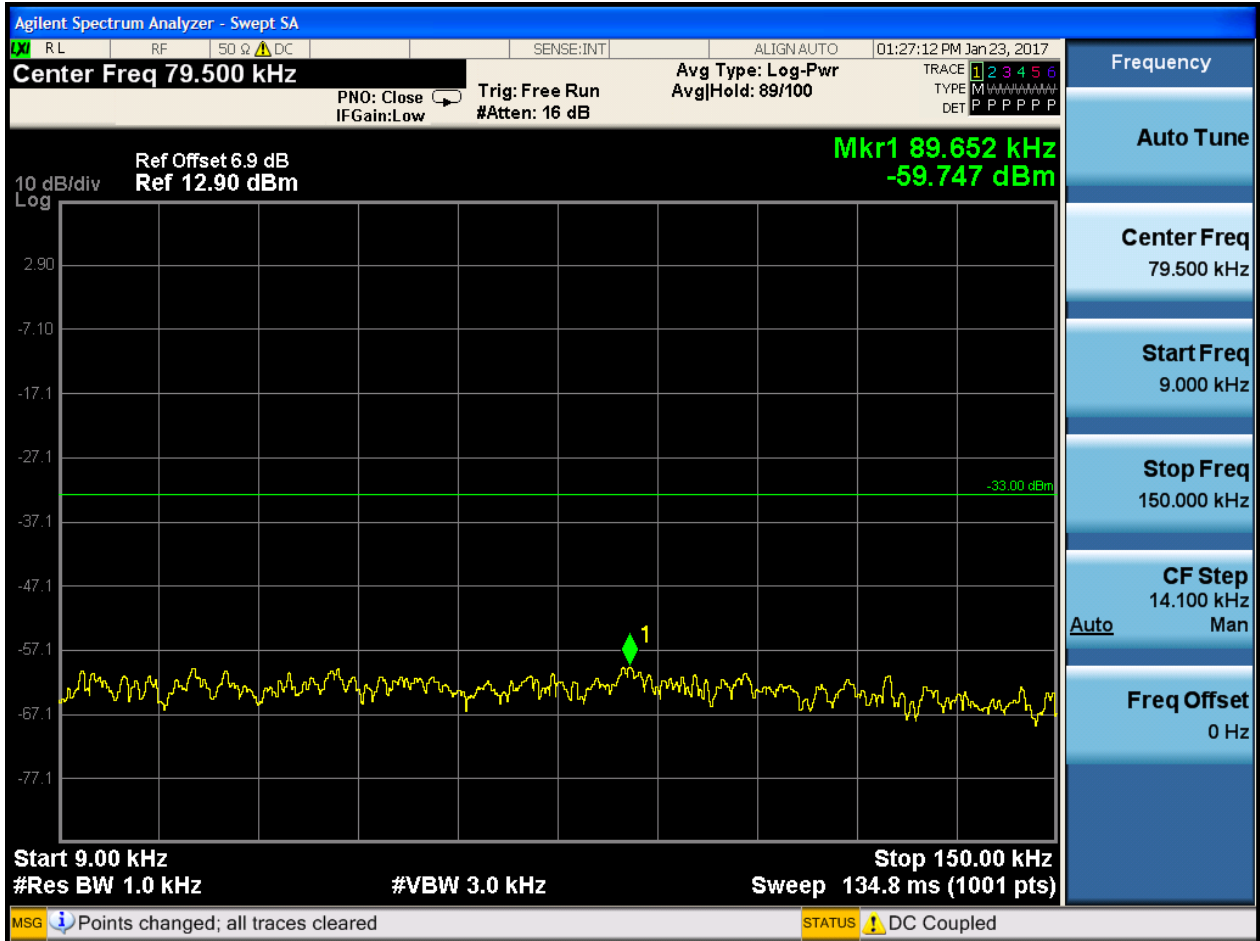


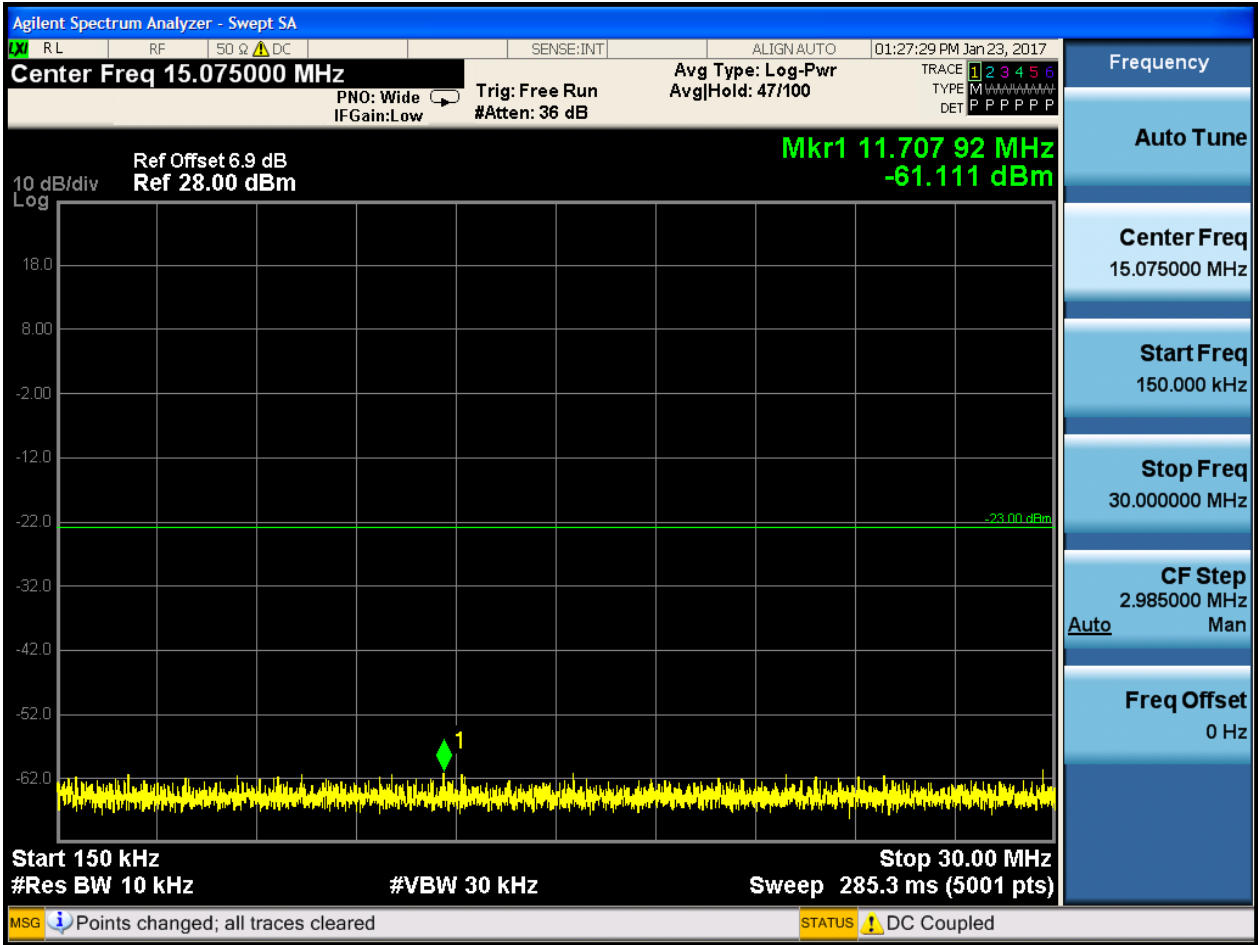


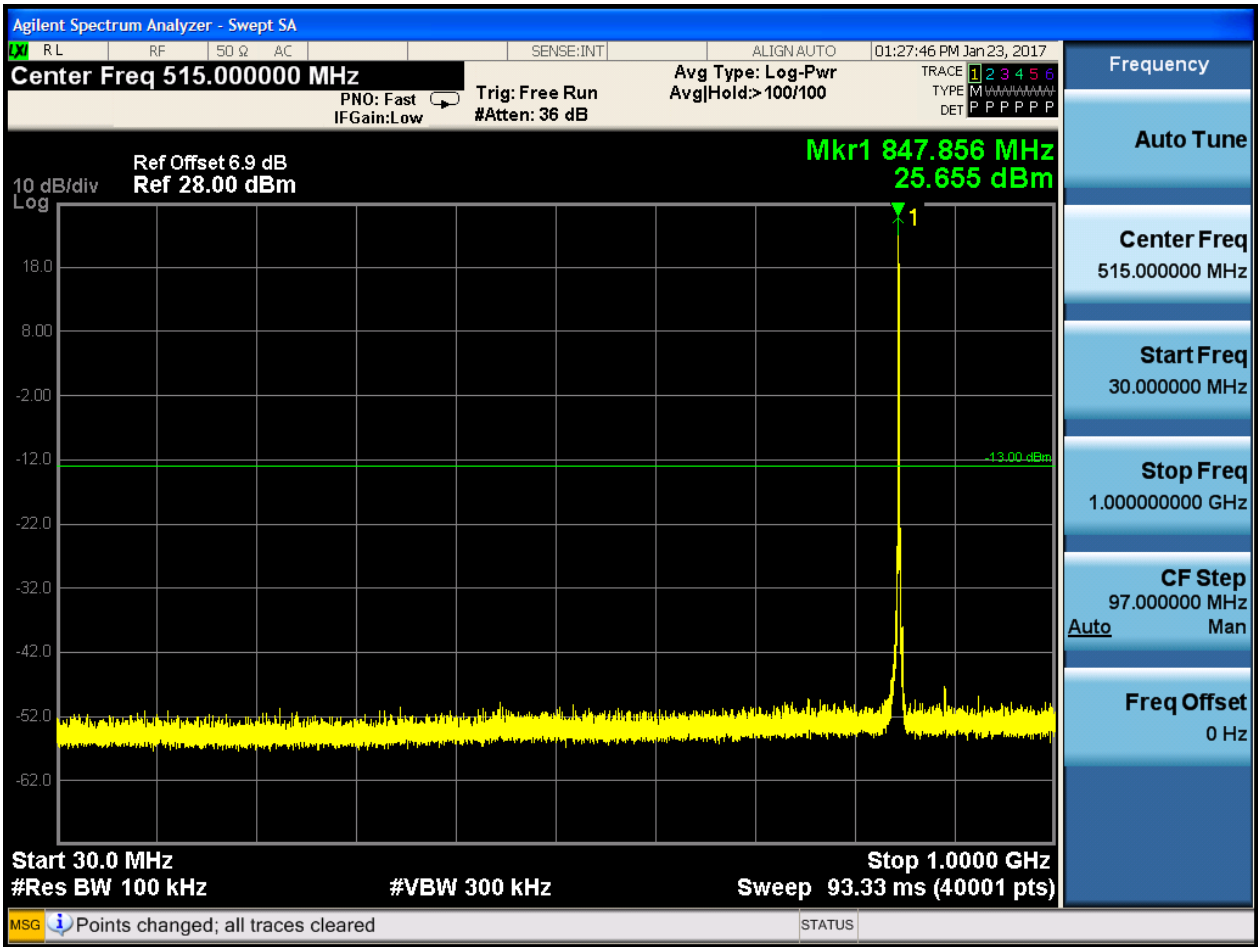


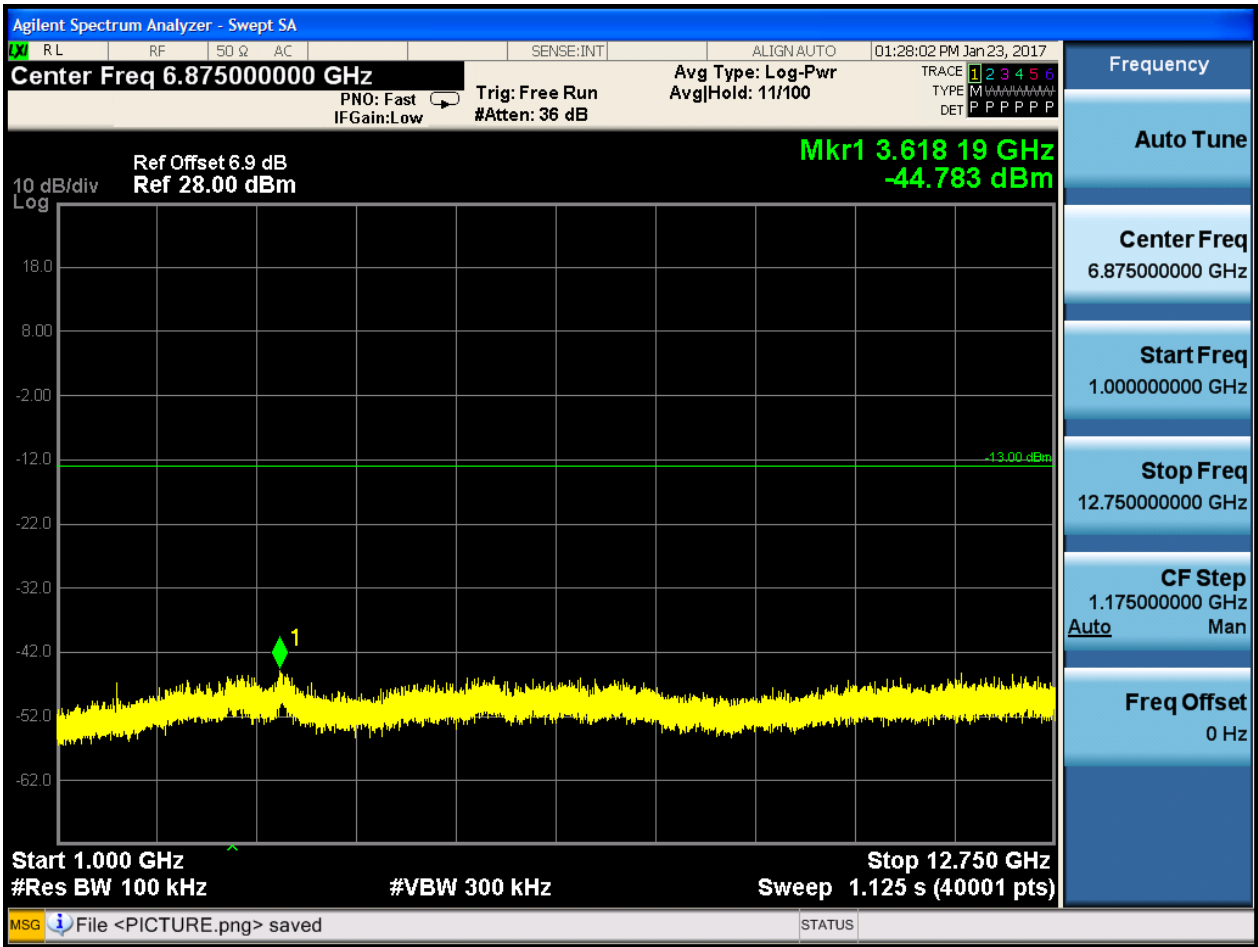
6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0







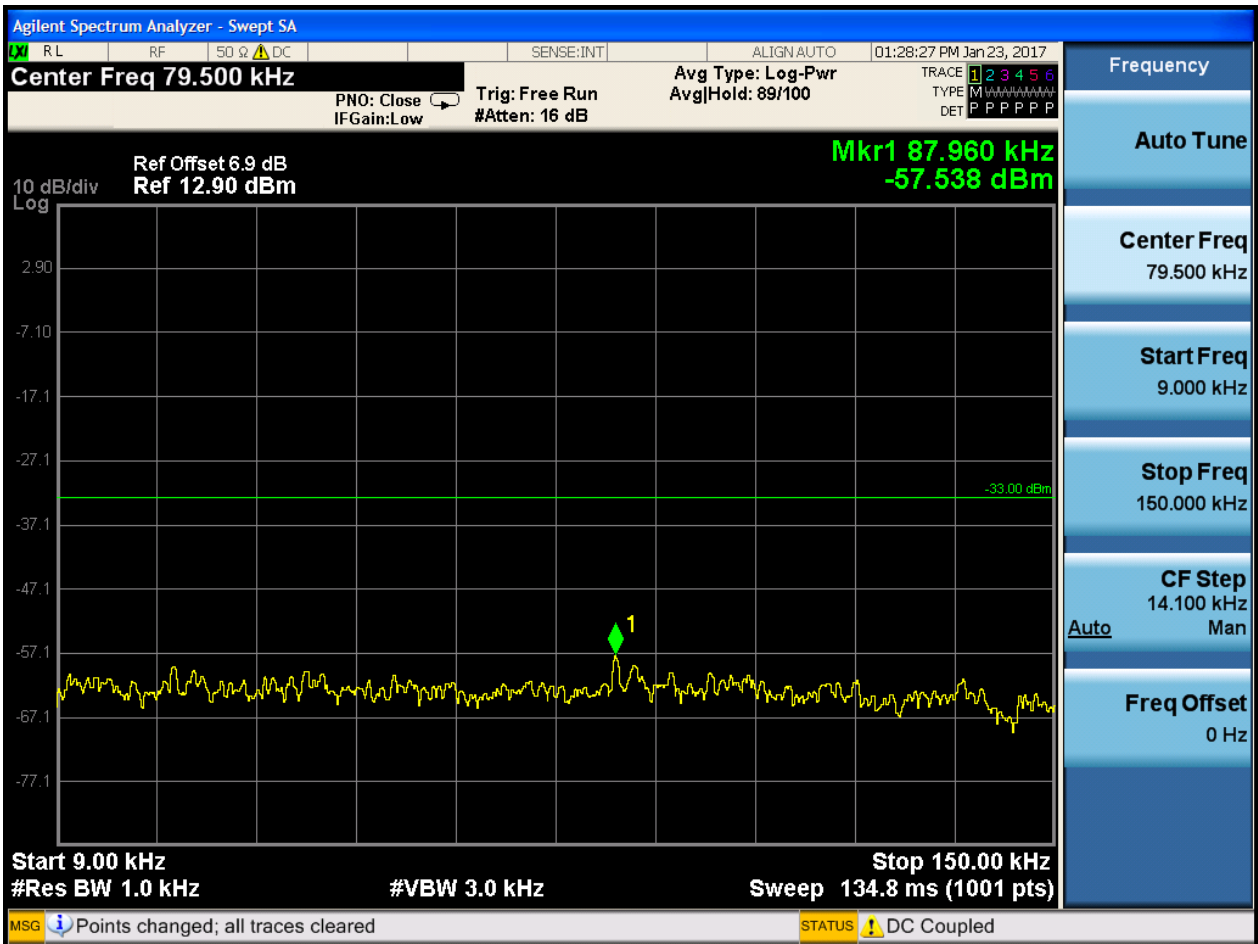


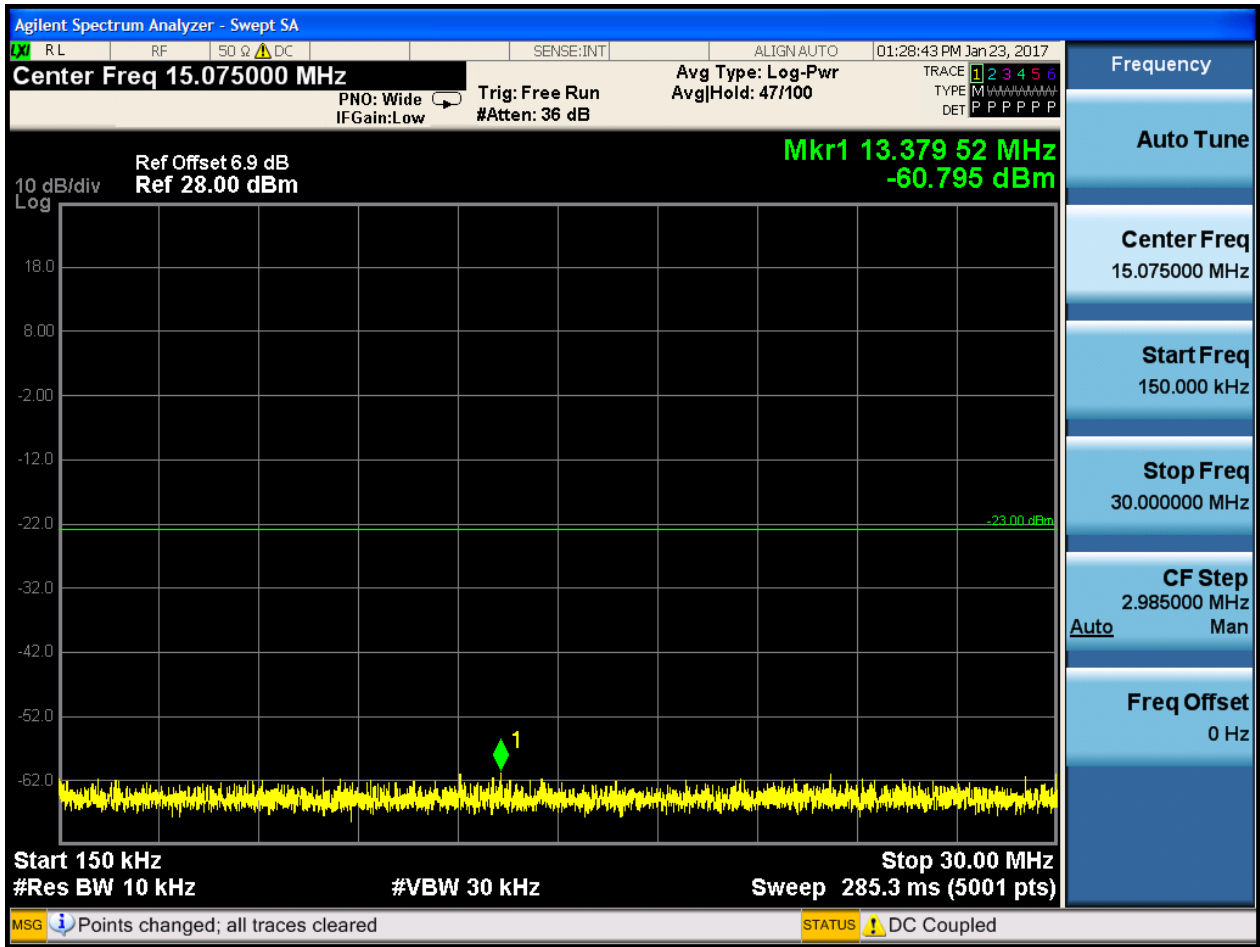


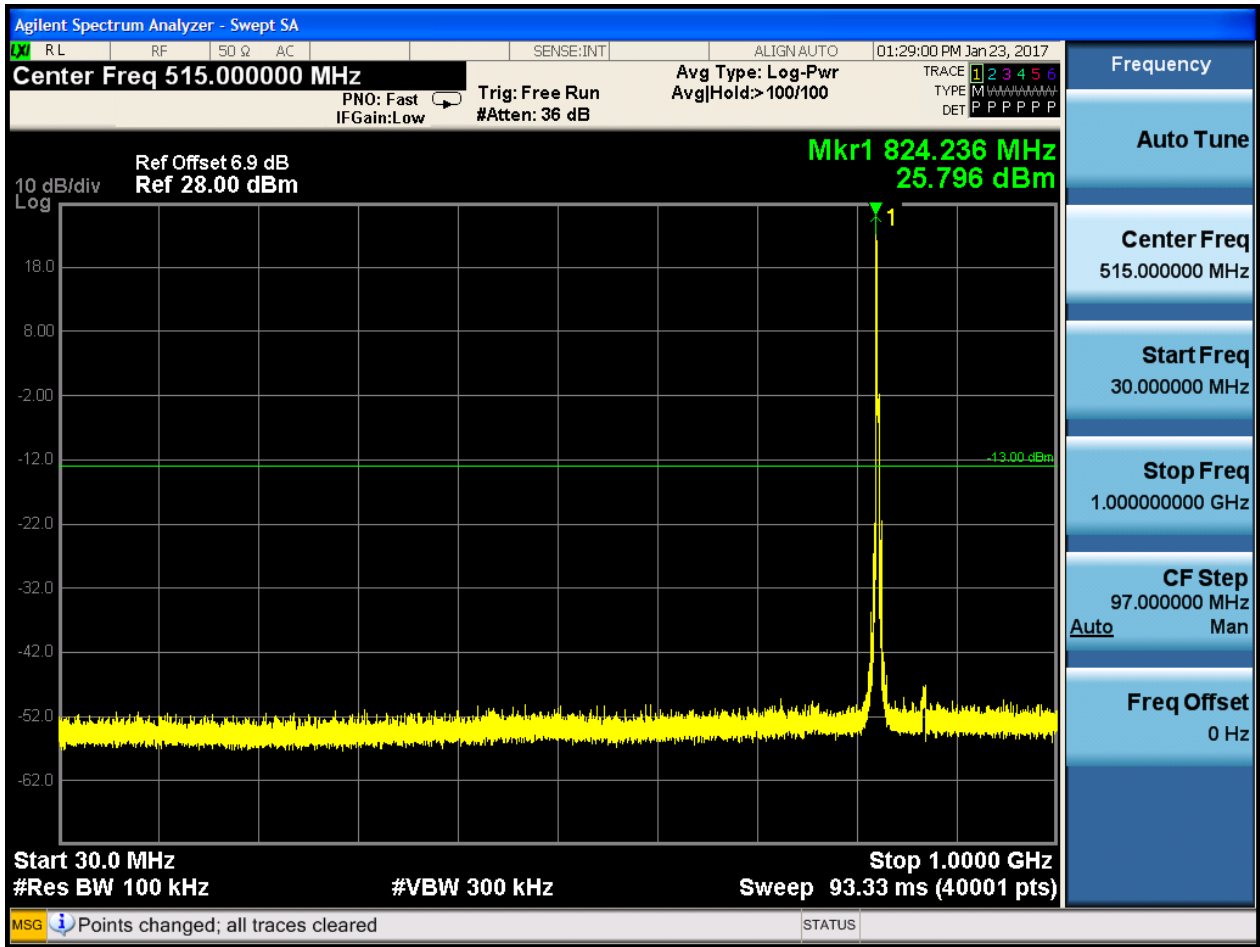
6.1.1.2.2 Test Bandwidth = 3

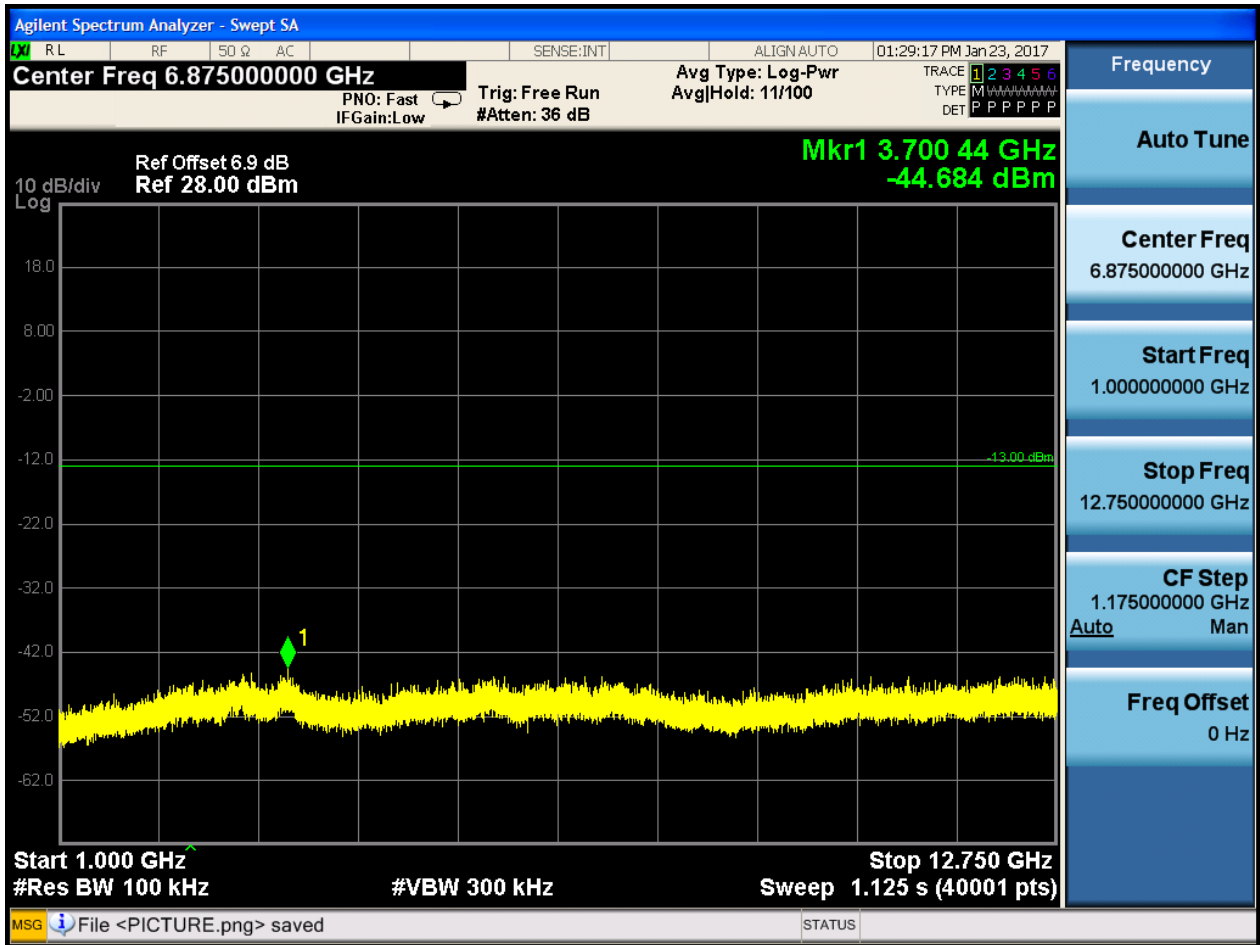
6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0





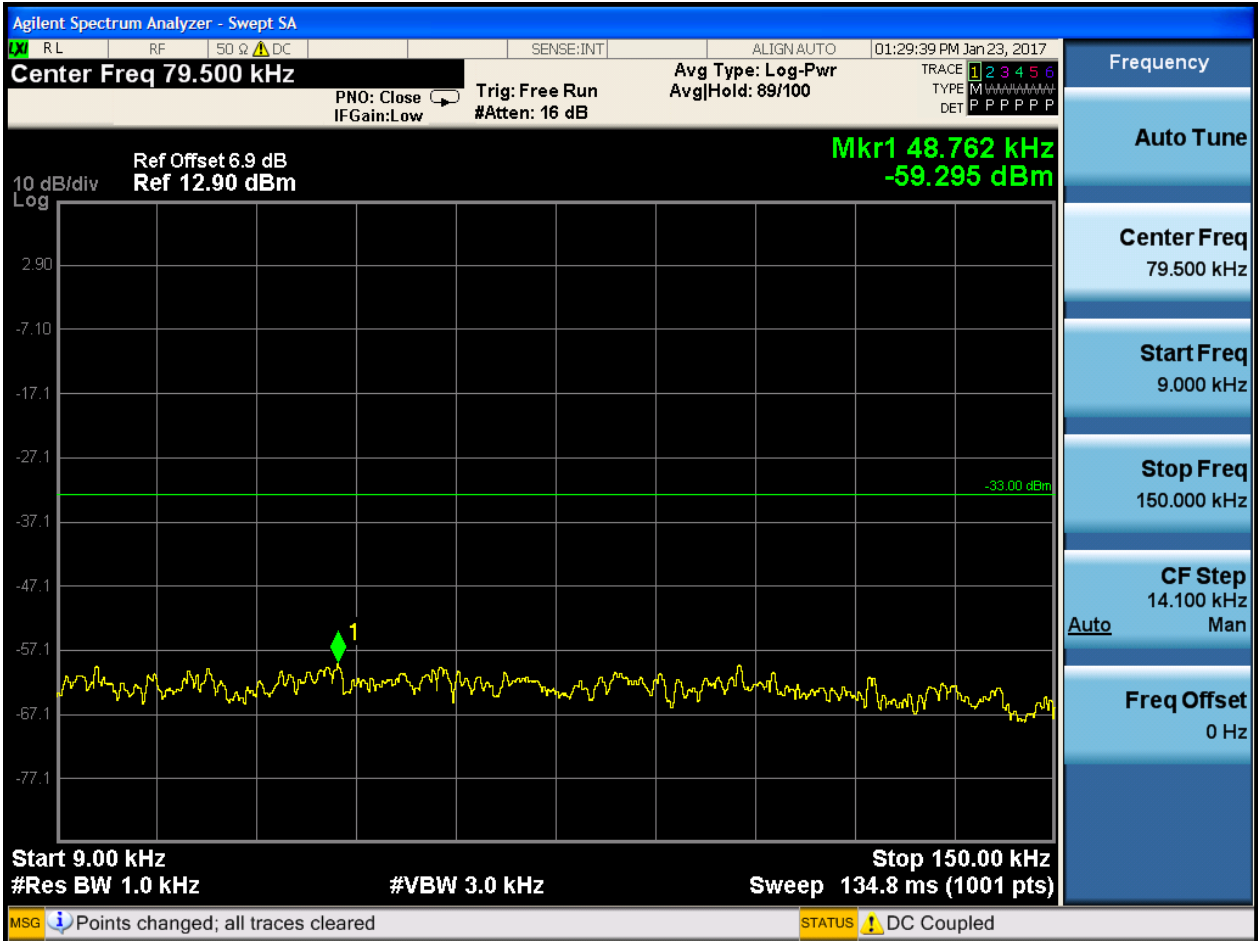


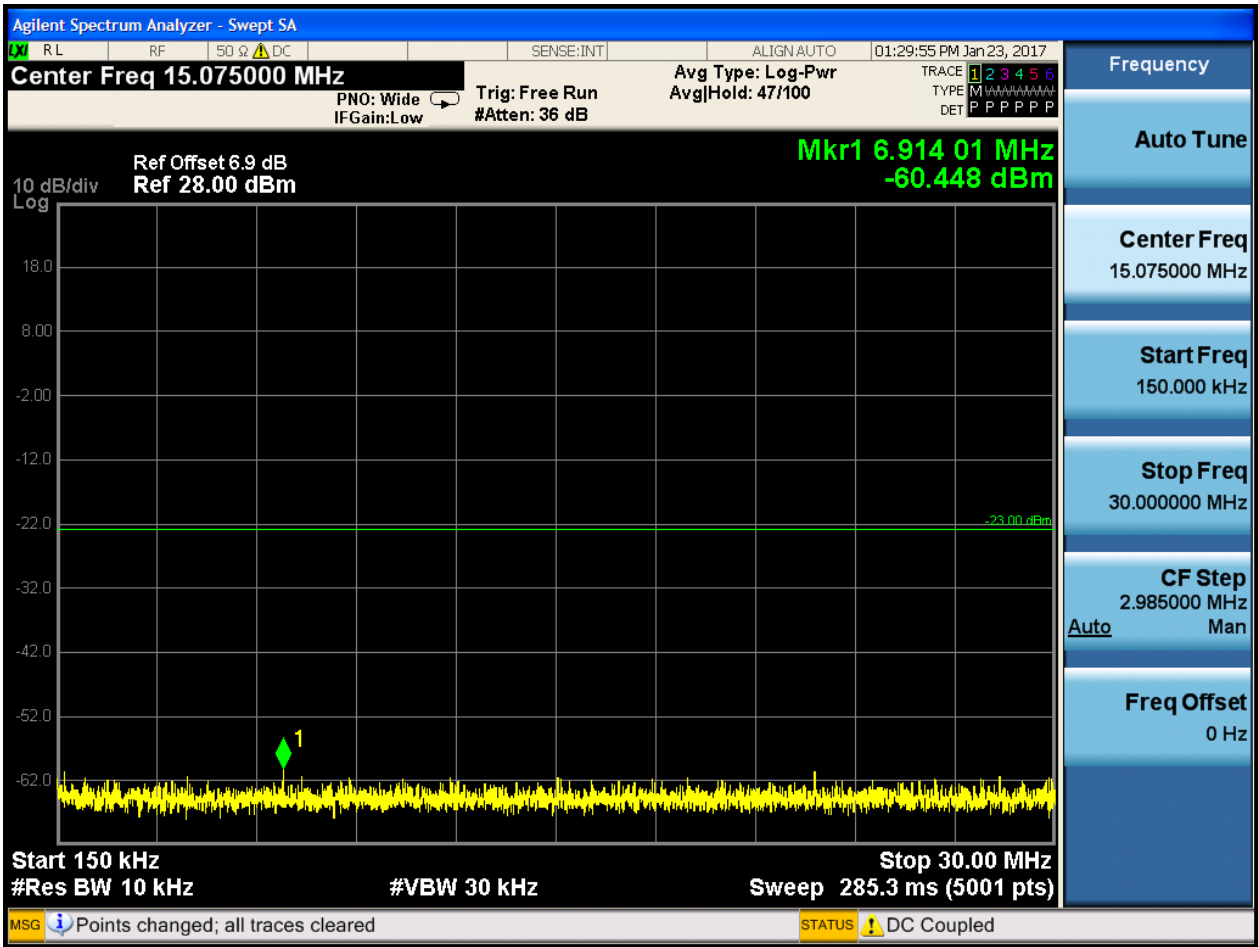


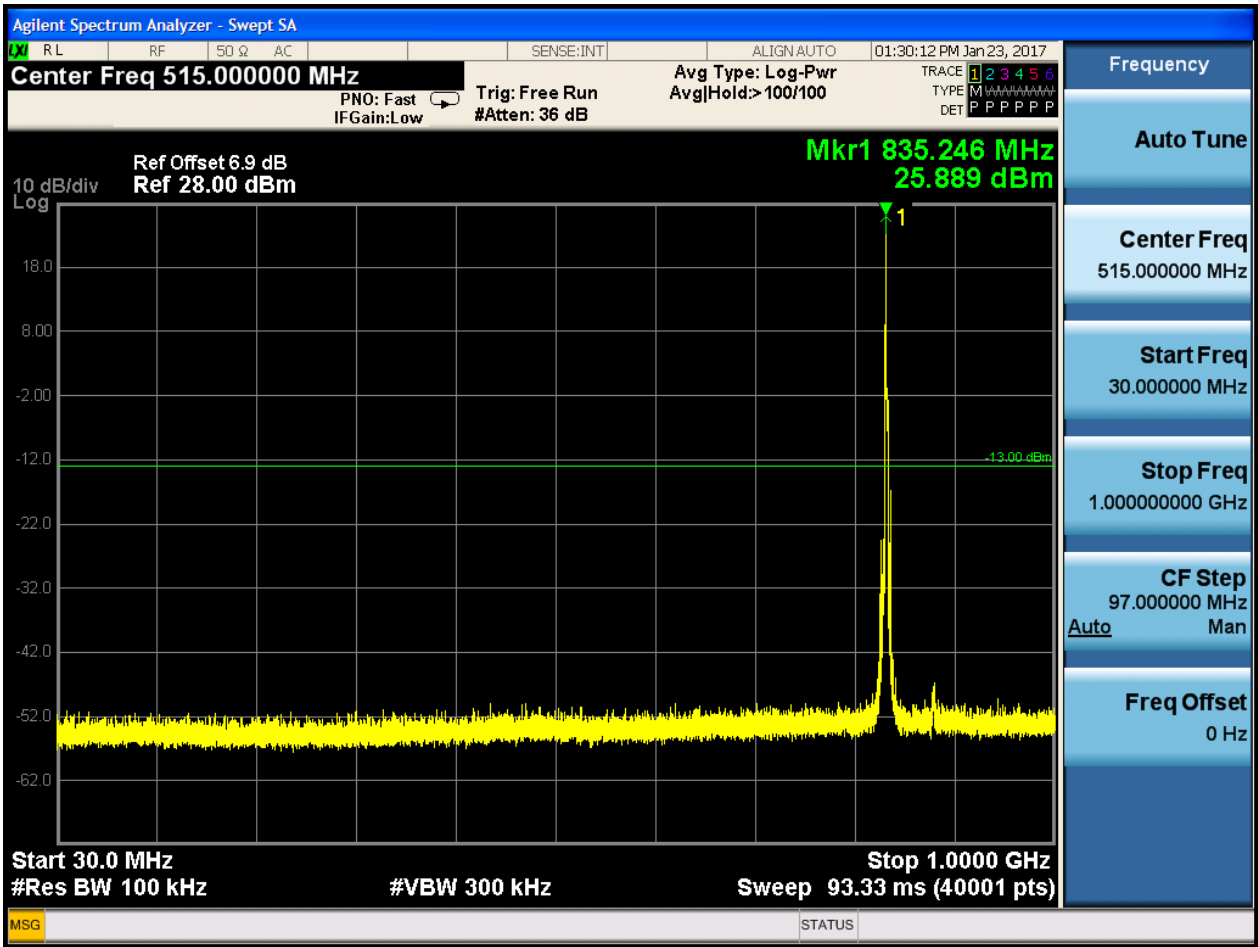


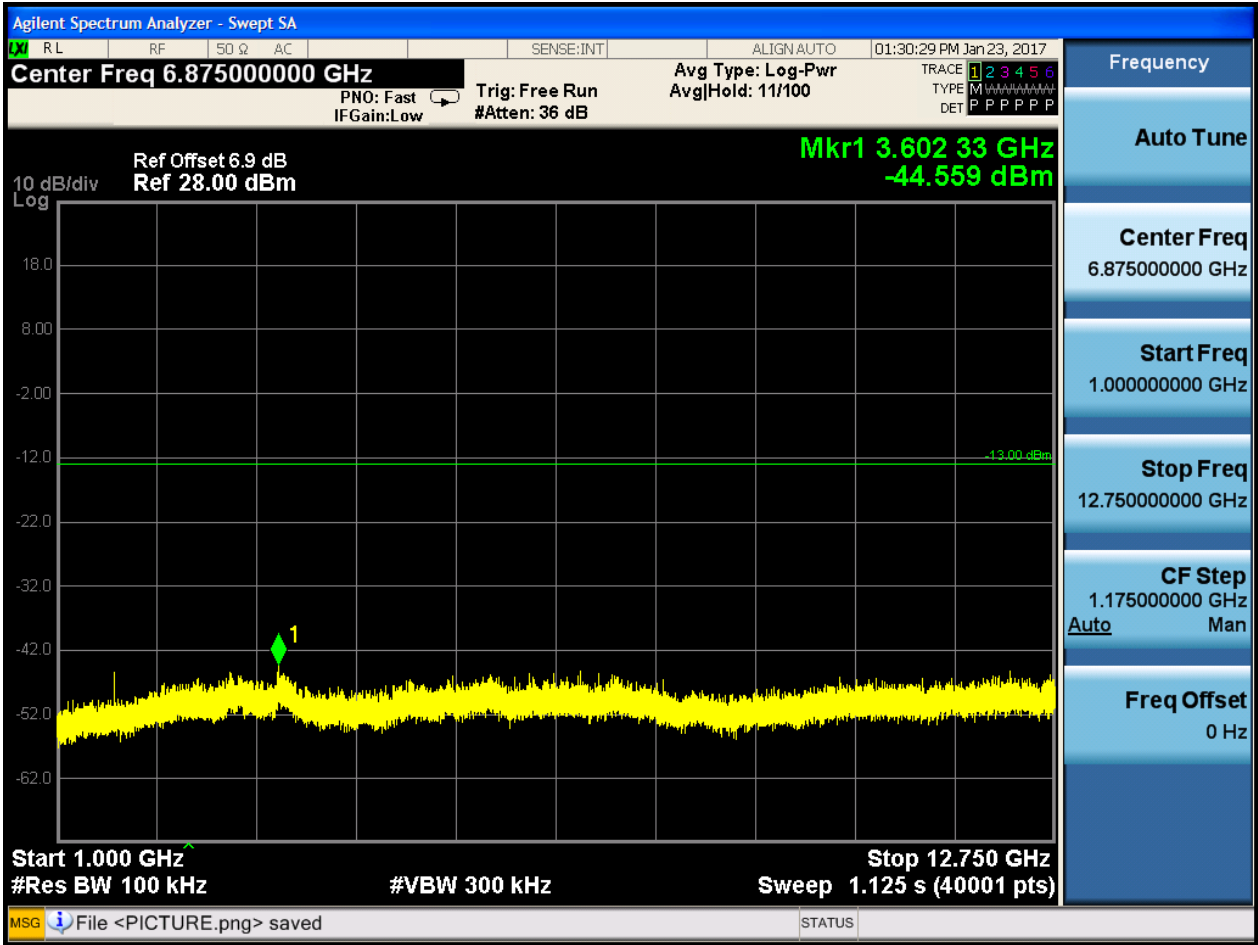
6.1.1.2.2 Test Channel = MCH

6.1.1.2.2.1 Test RB = RB1#0





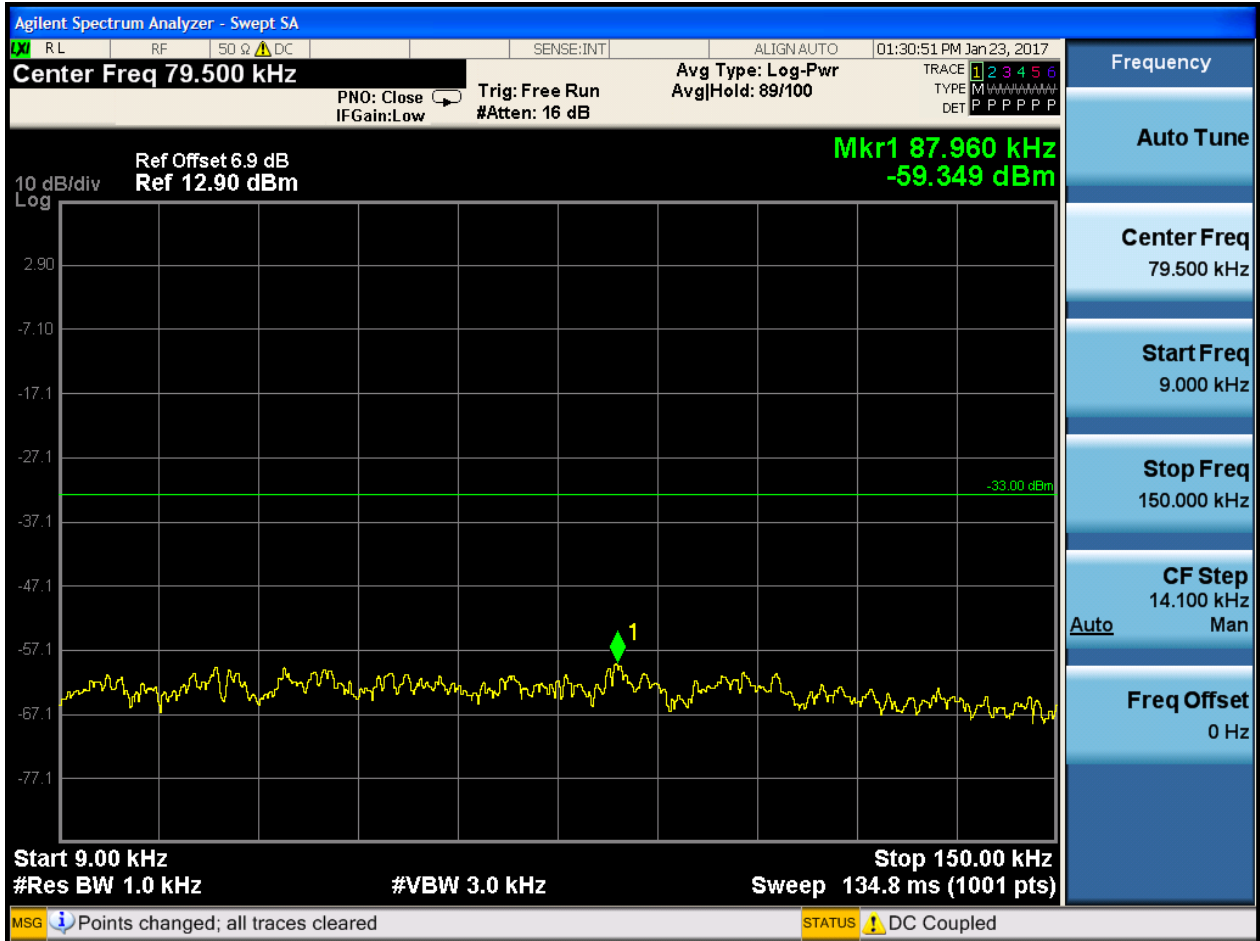


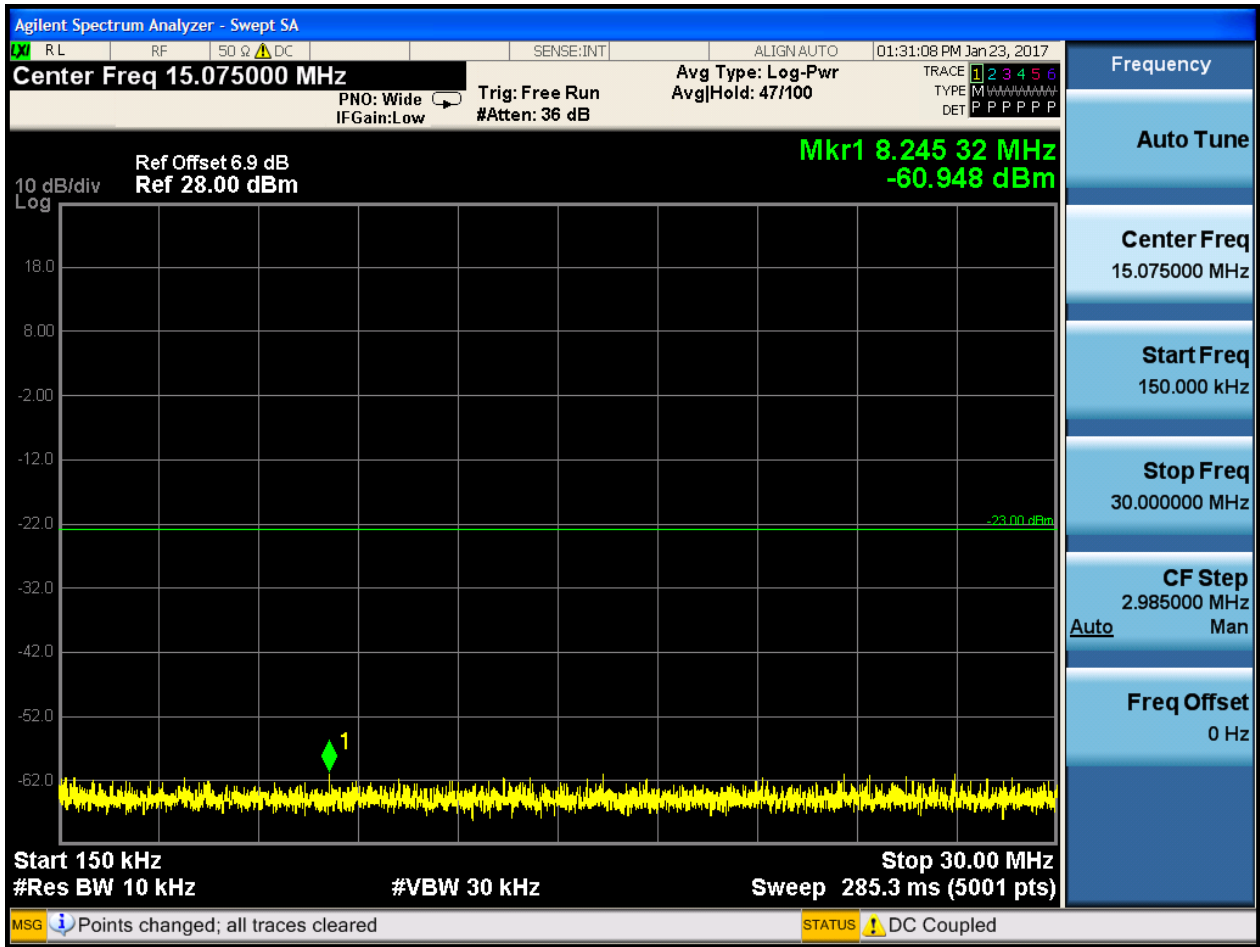


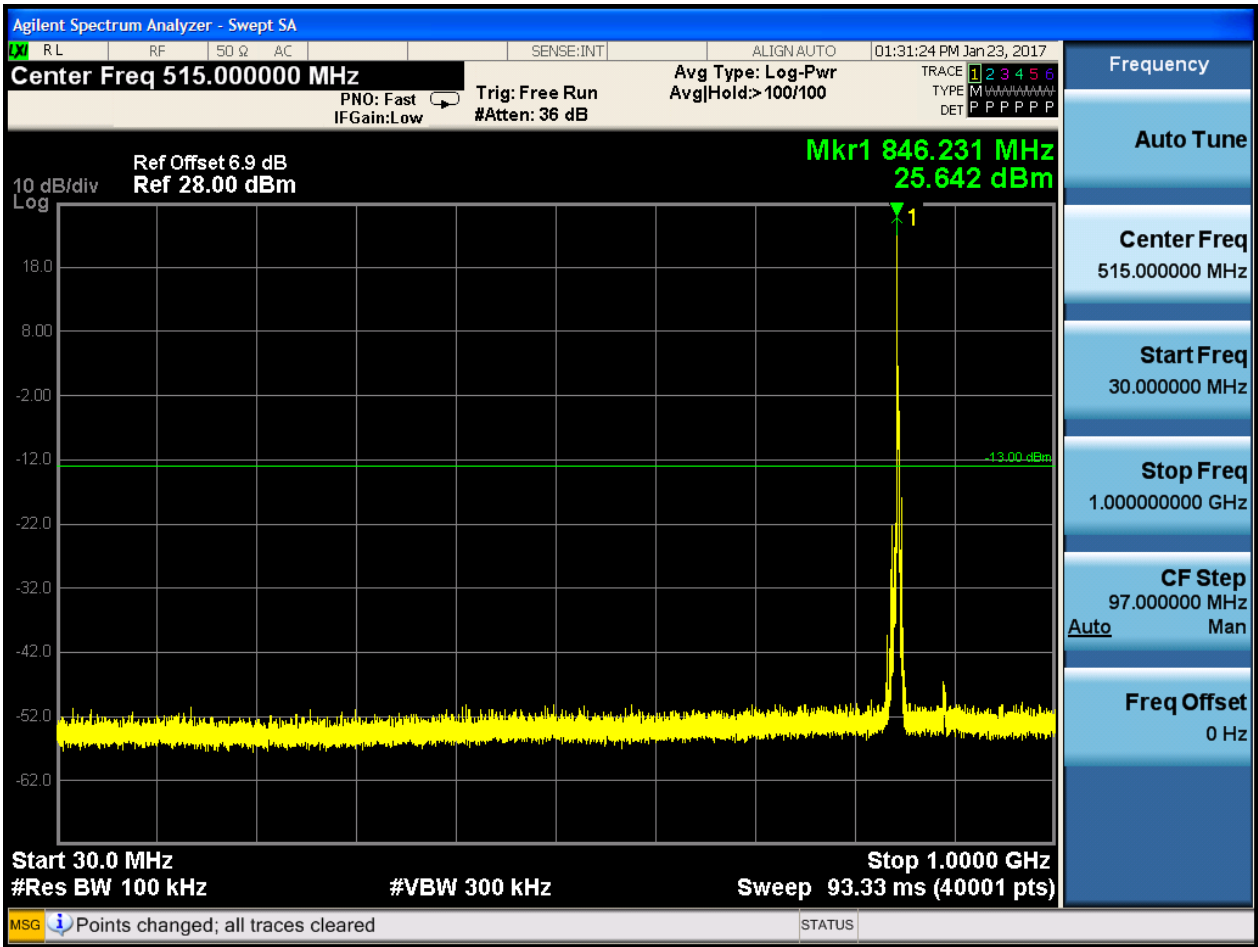


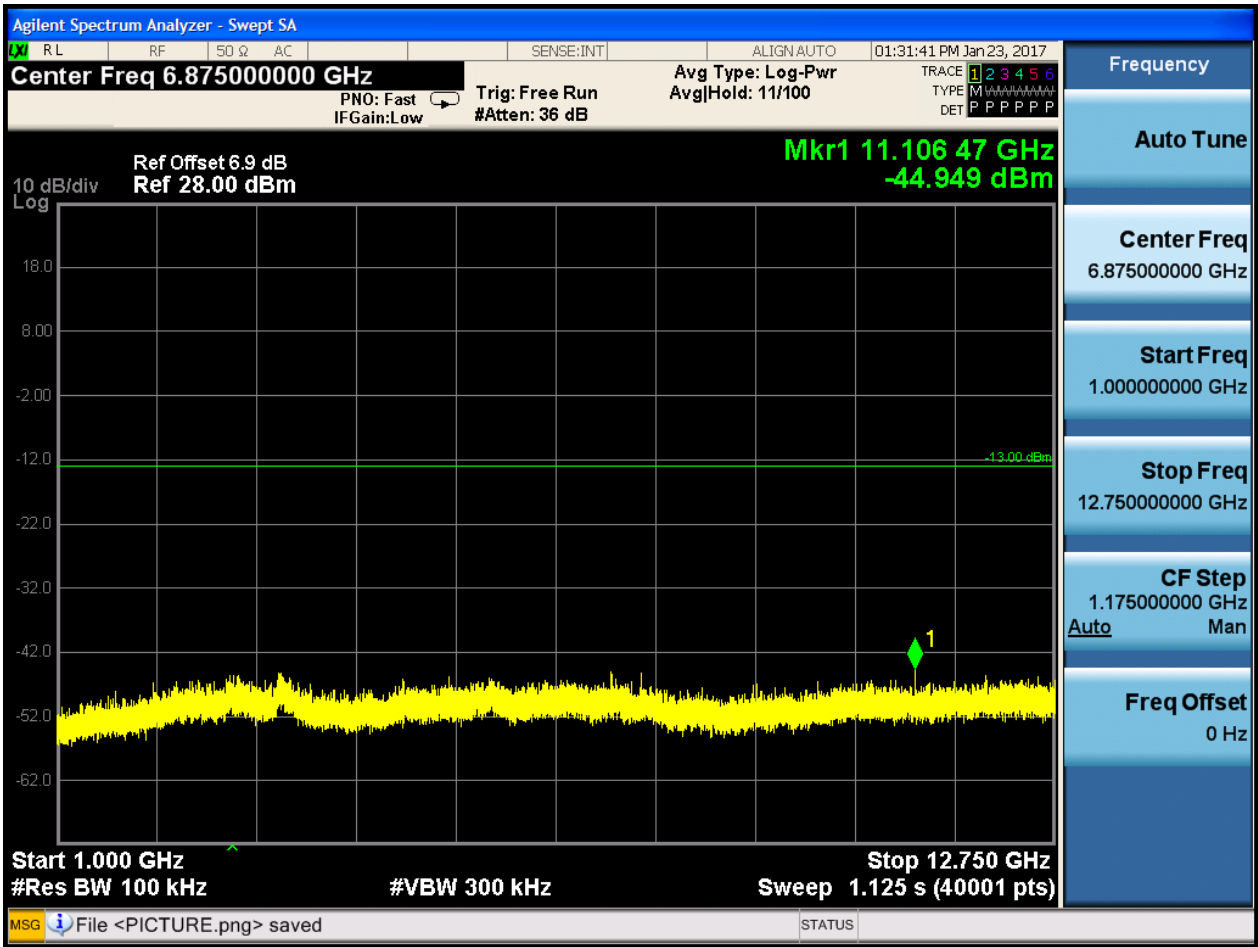
6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0







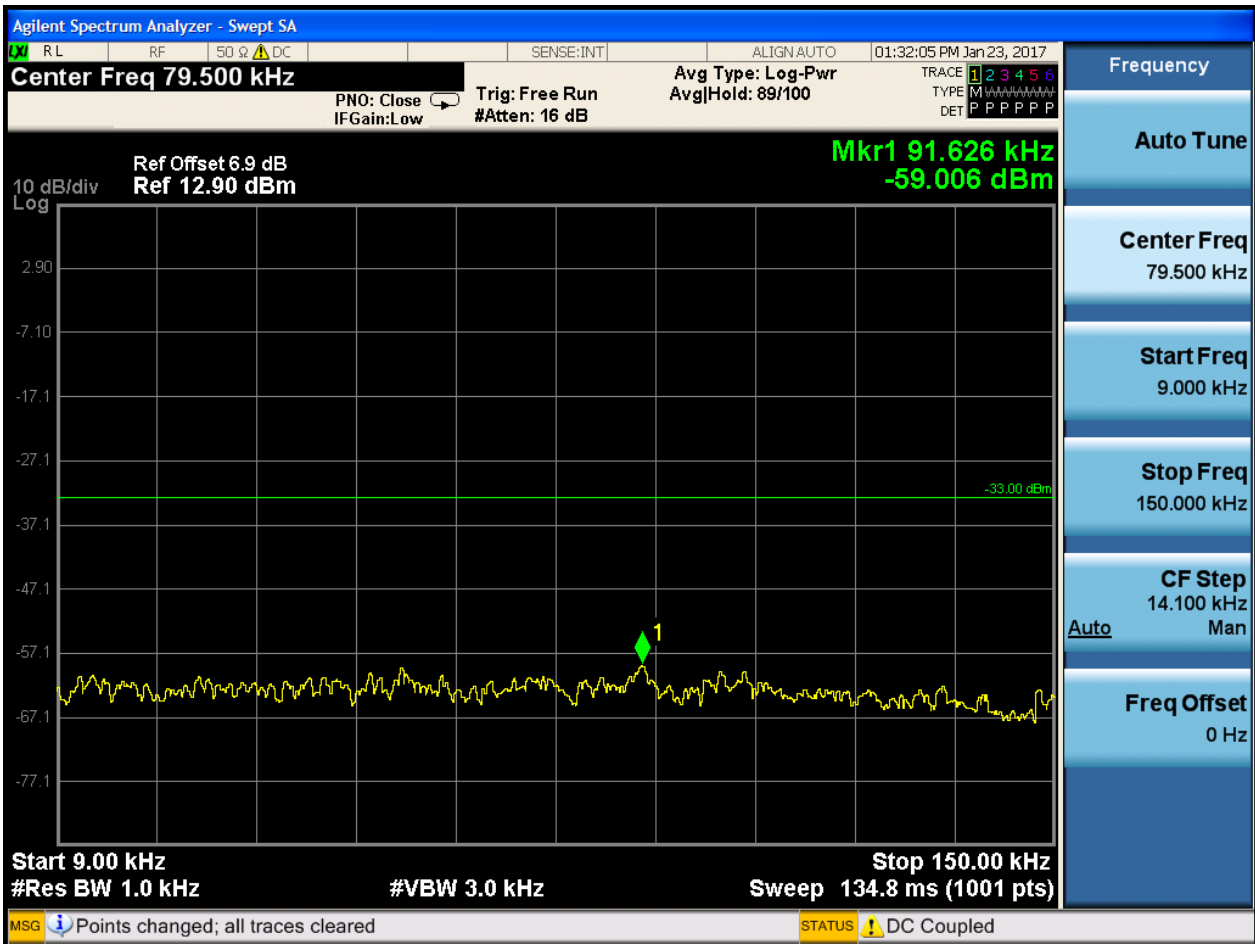


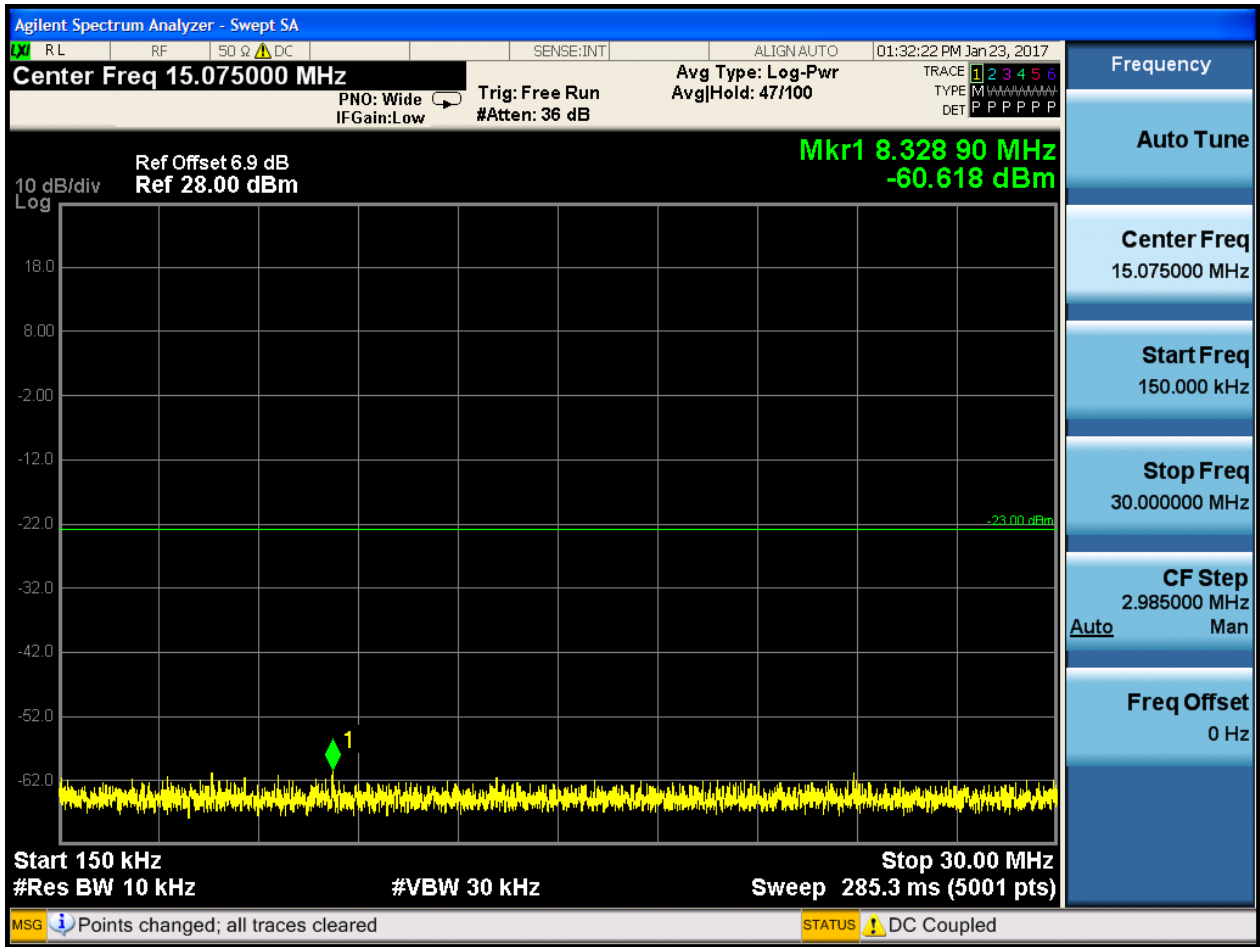


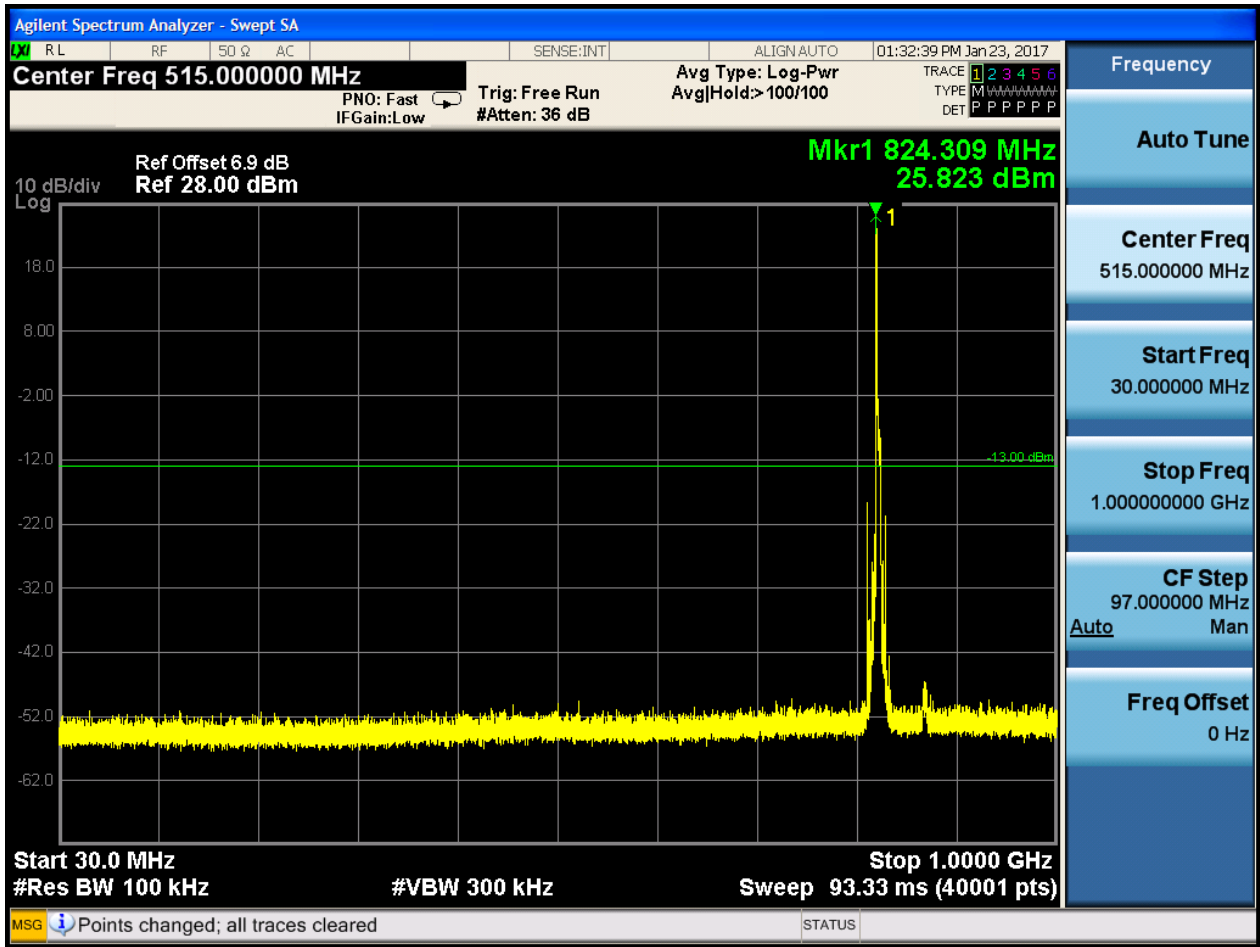
6.1.1.2.3 Test Bandwidth = 5

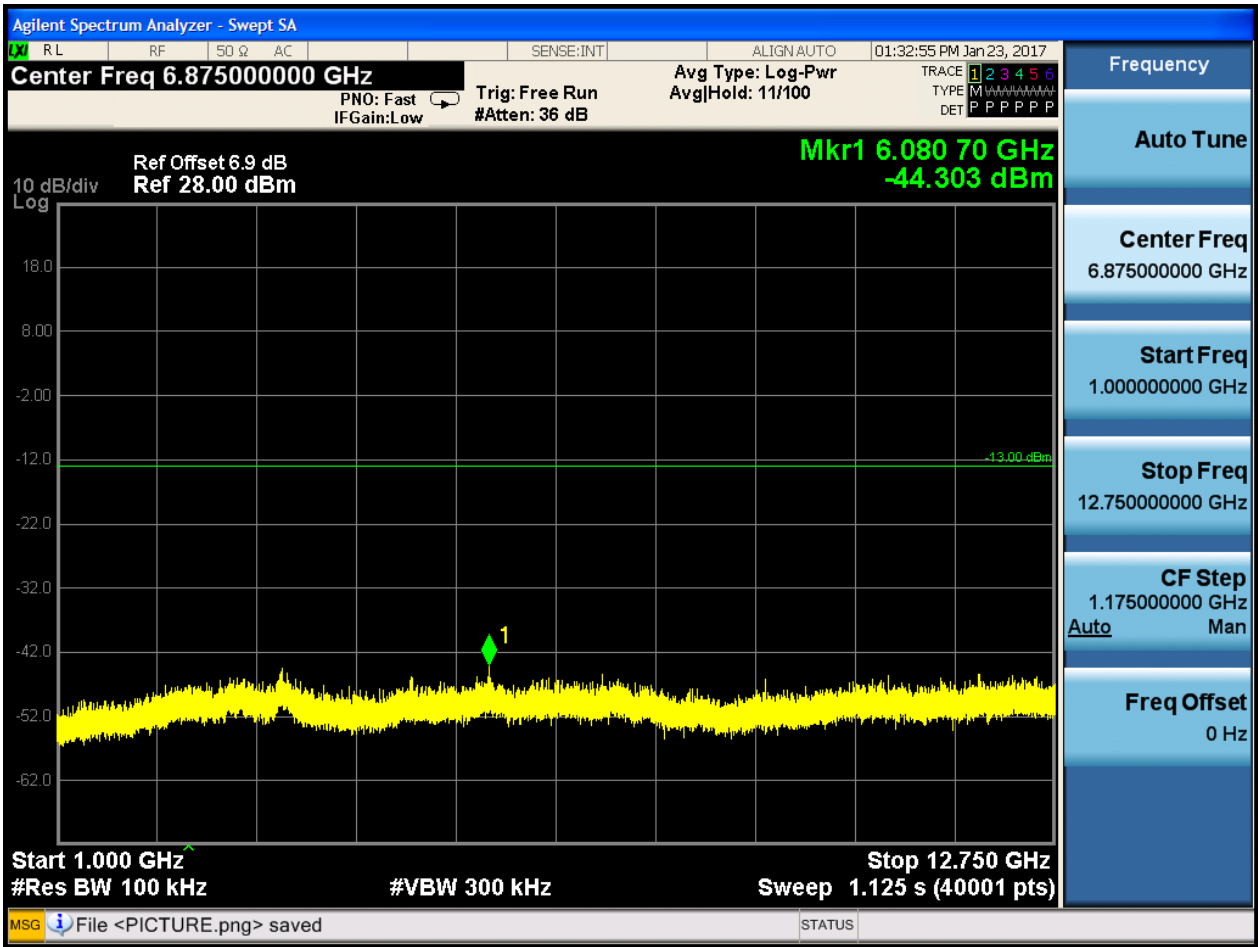
6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0





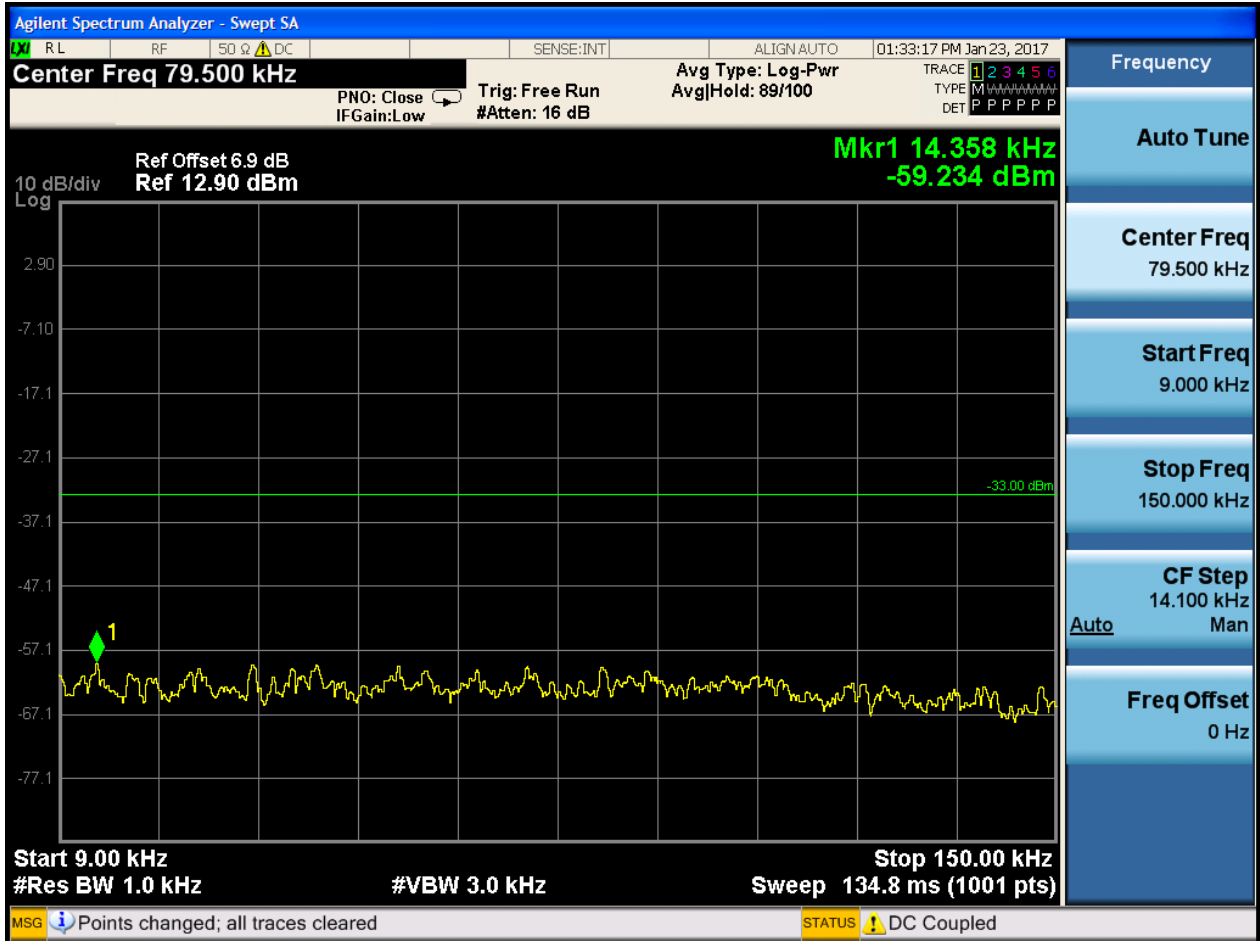


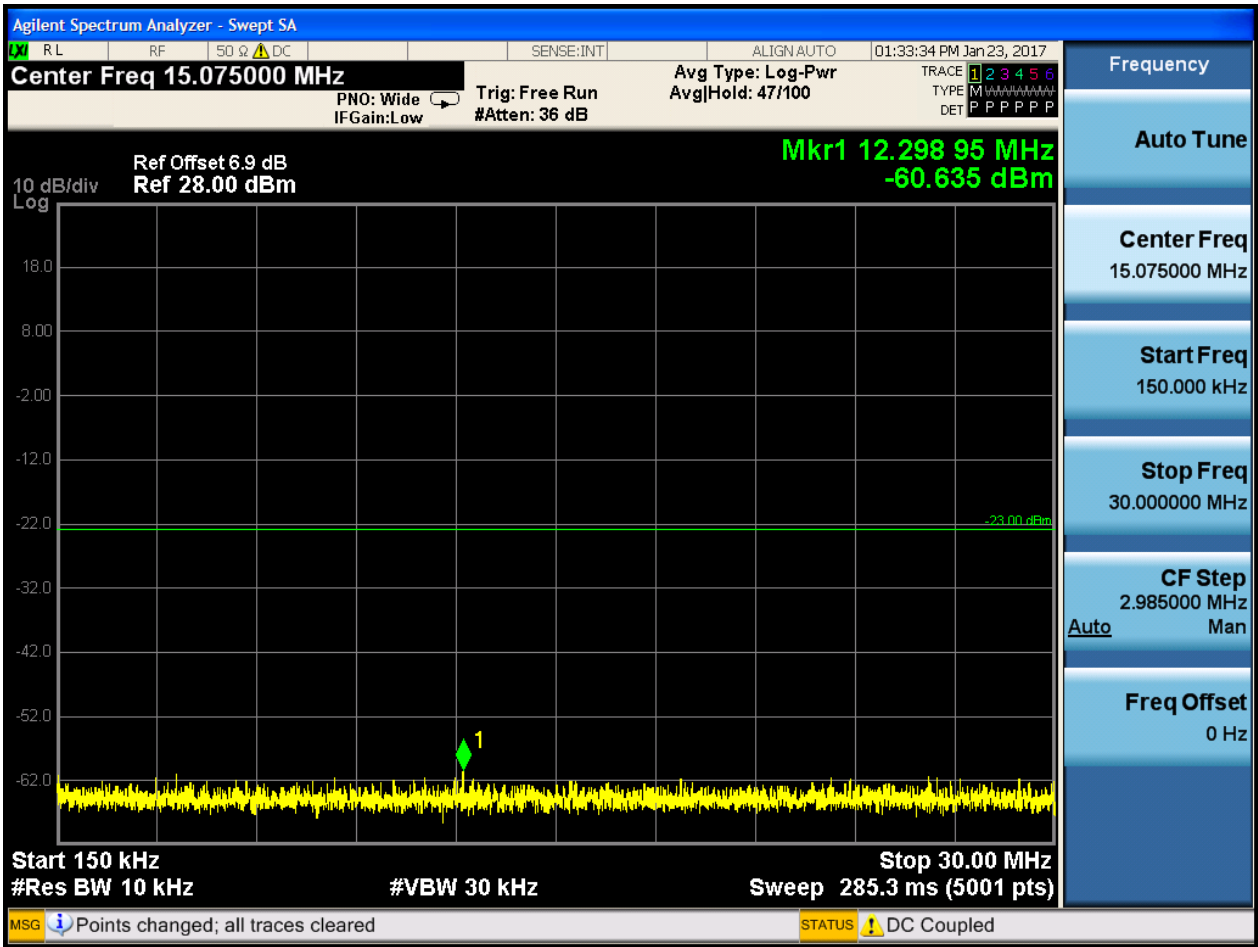


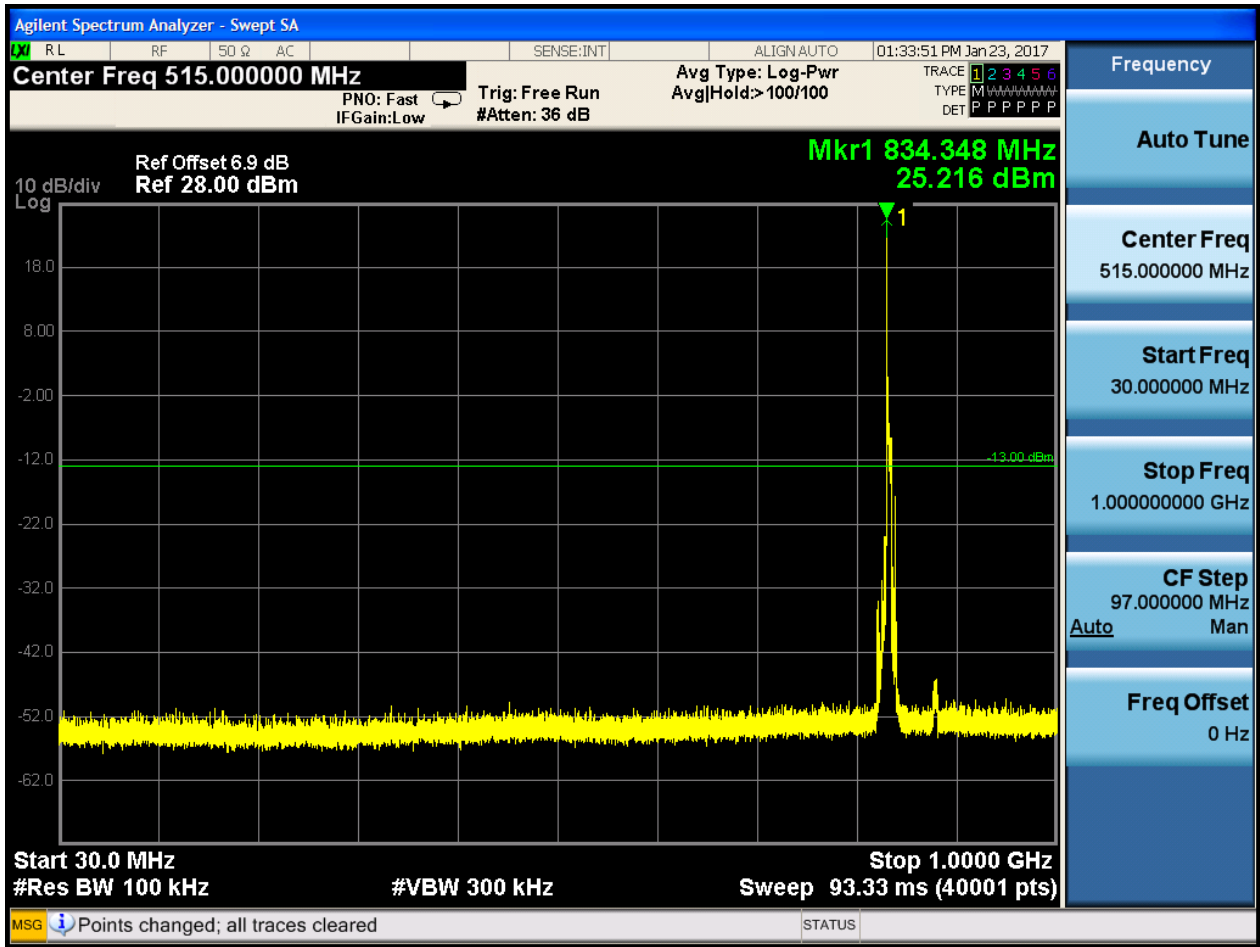


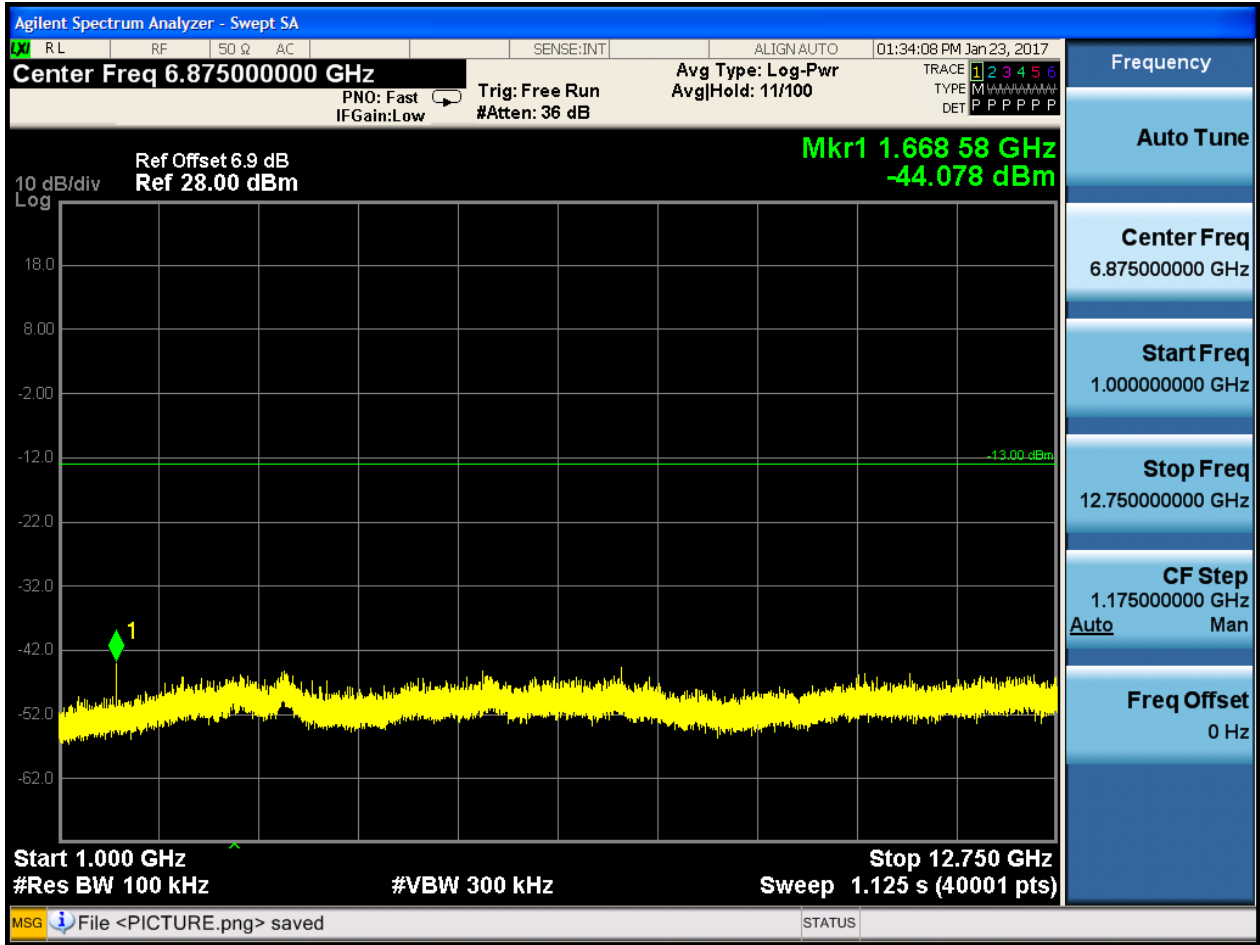
6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0





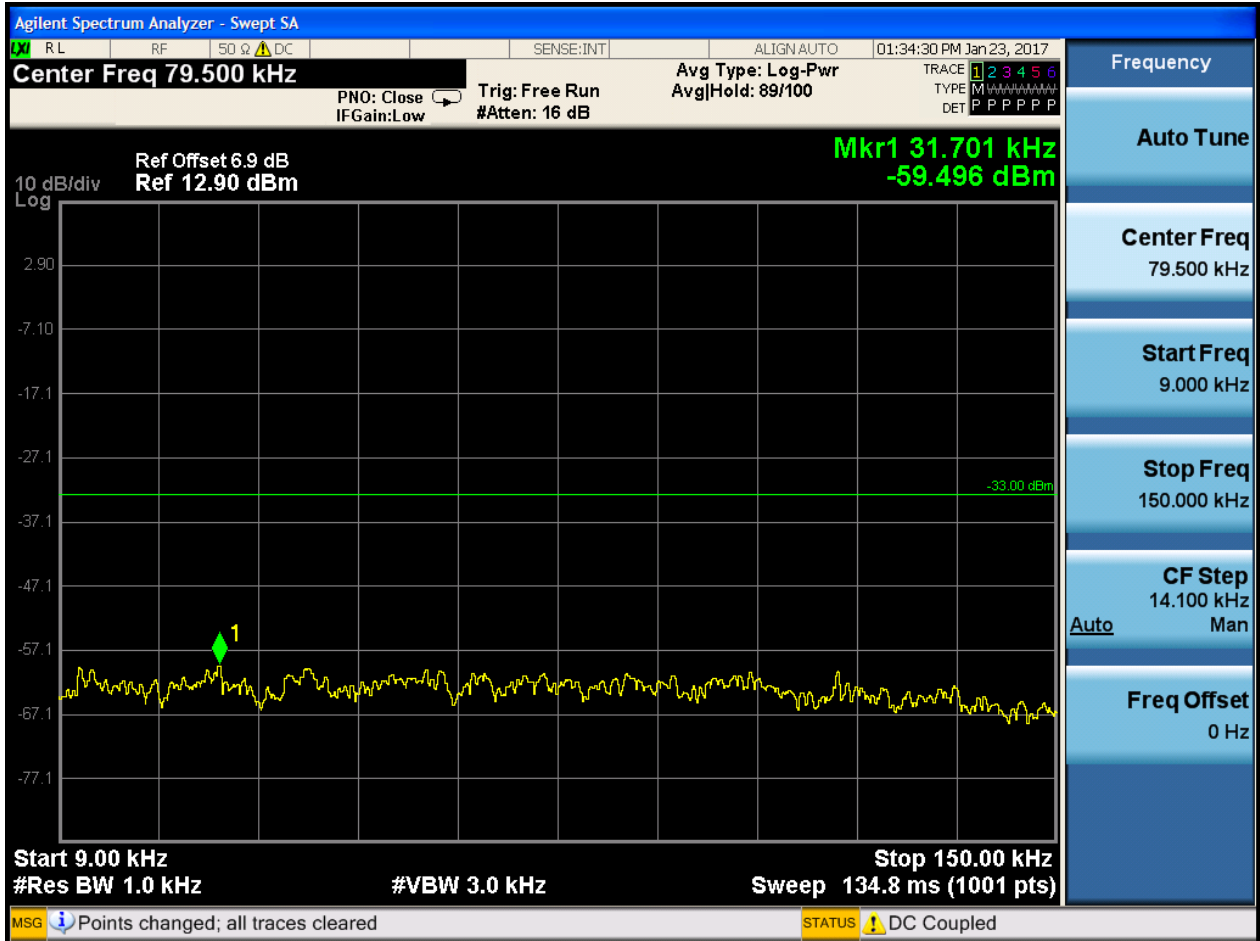


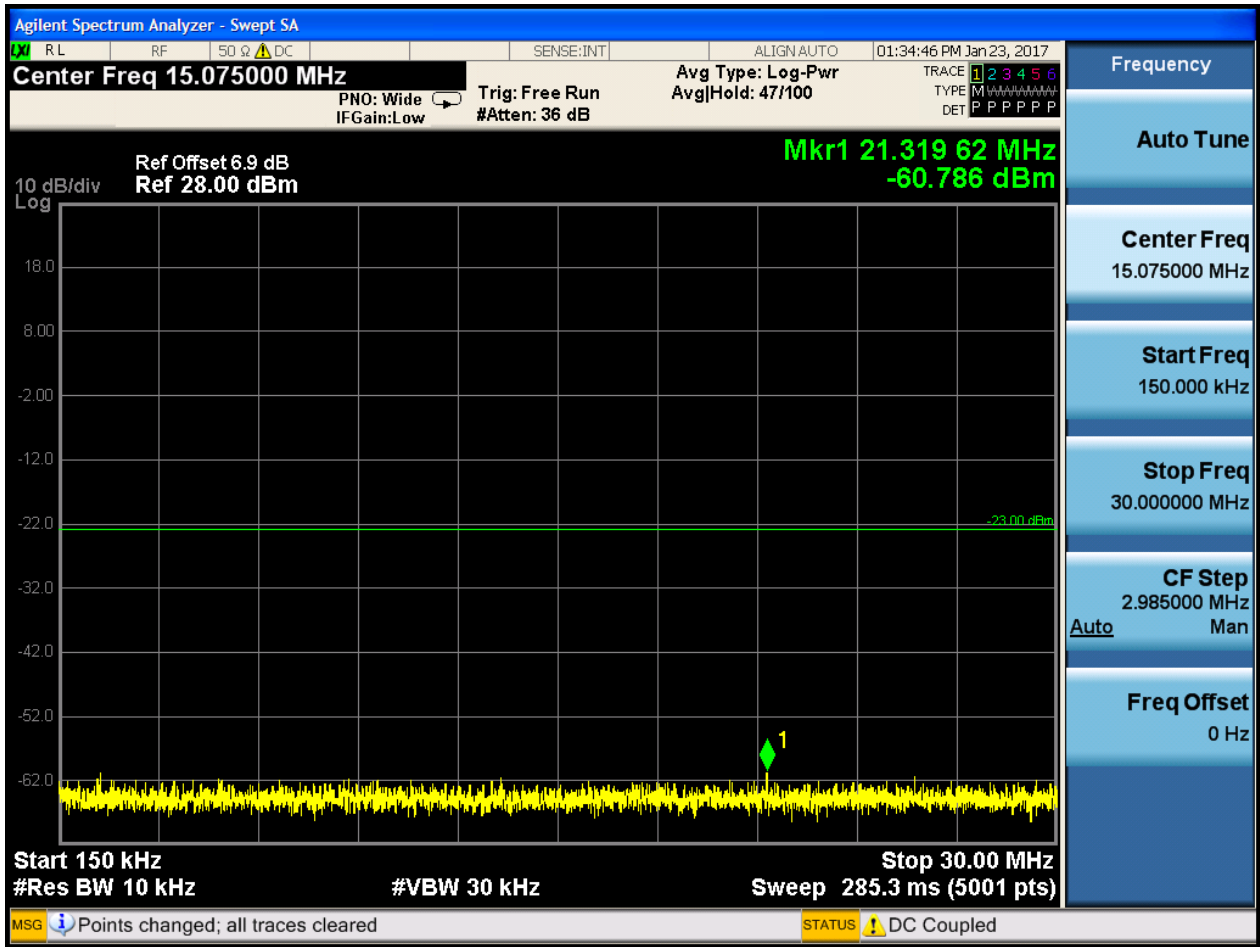


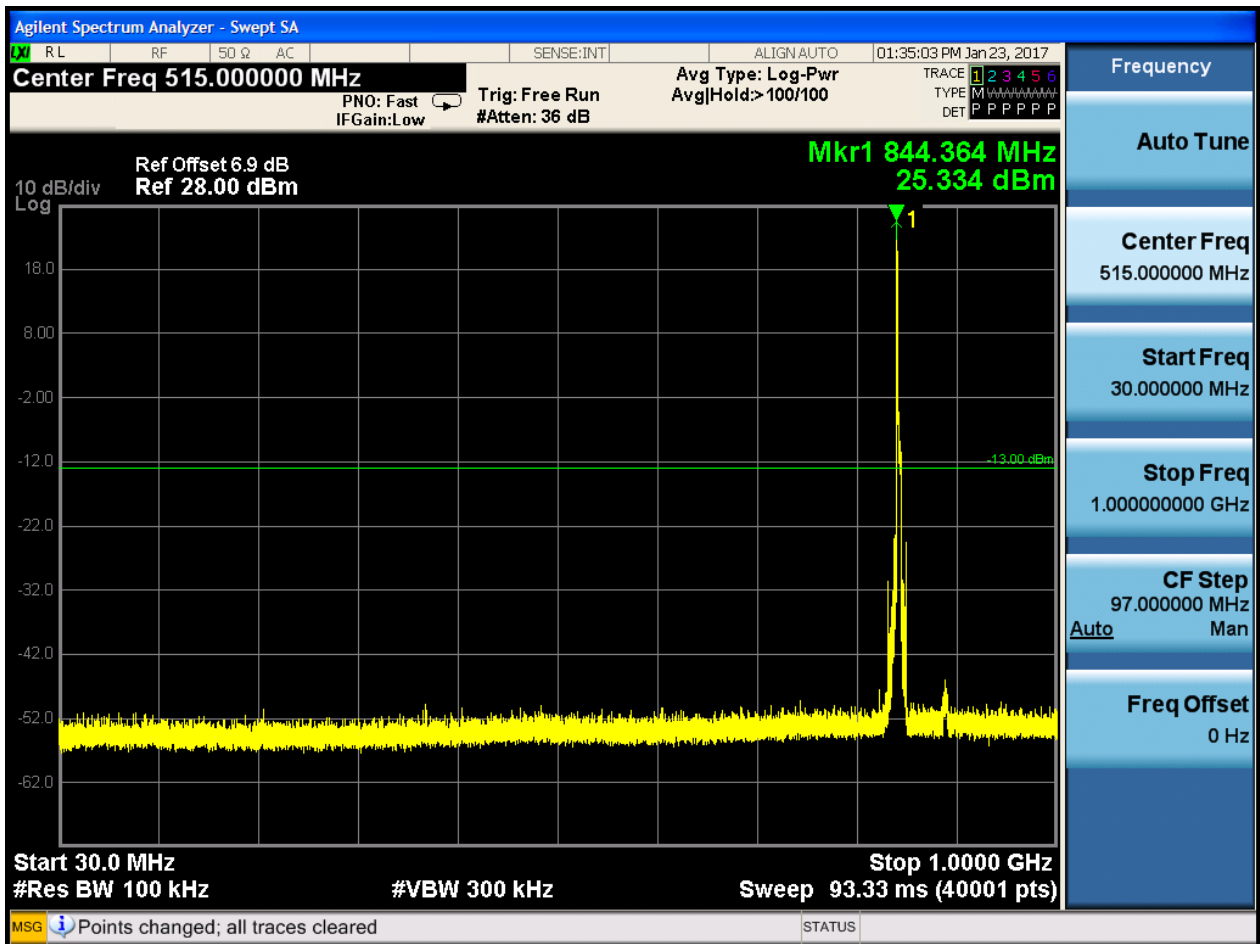


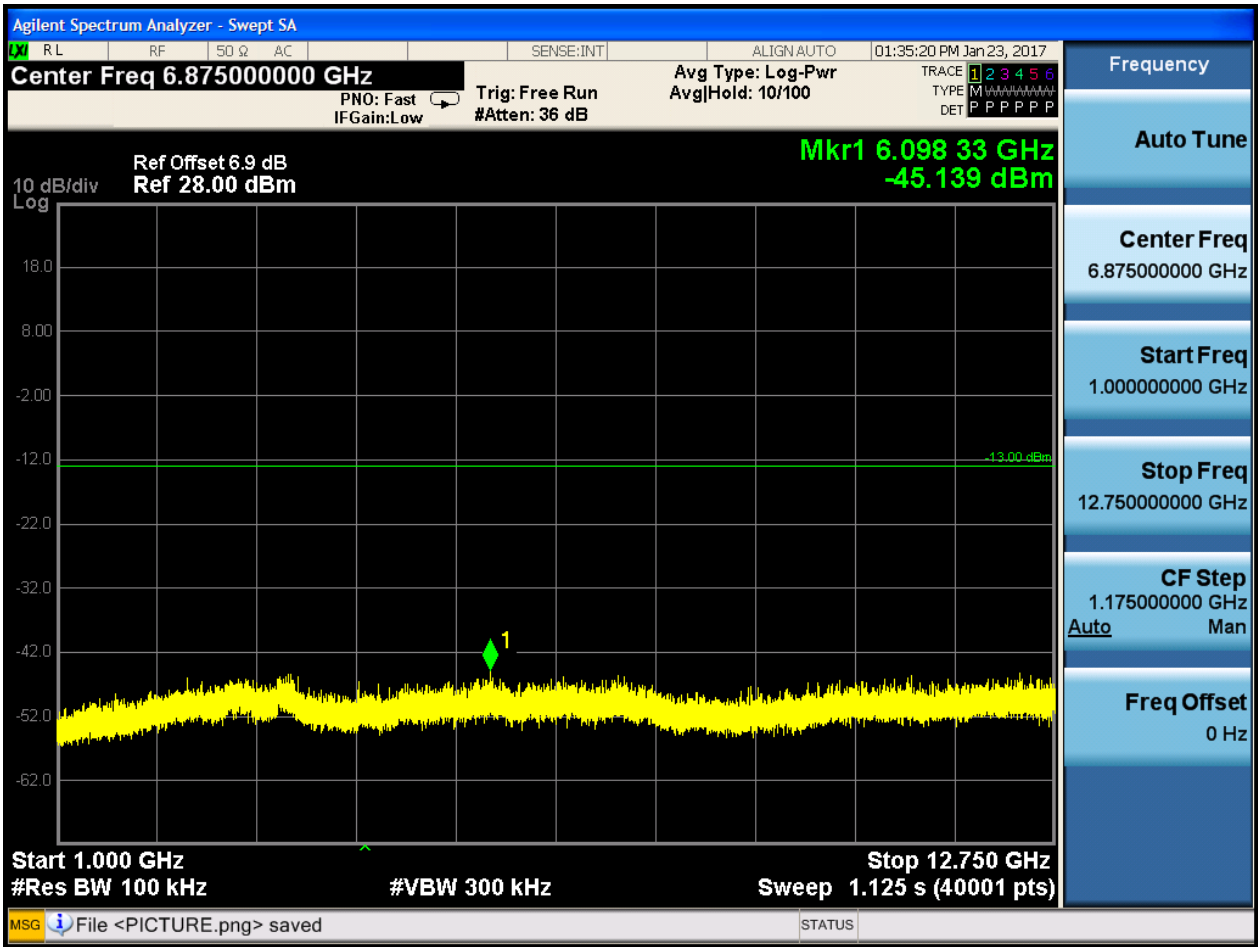
6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0







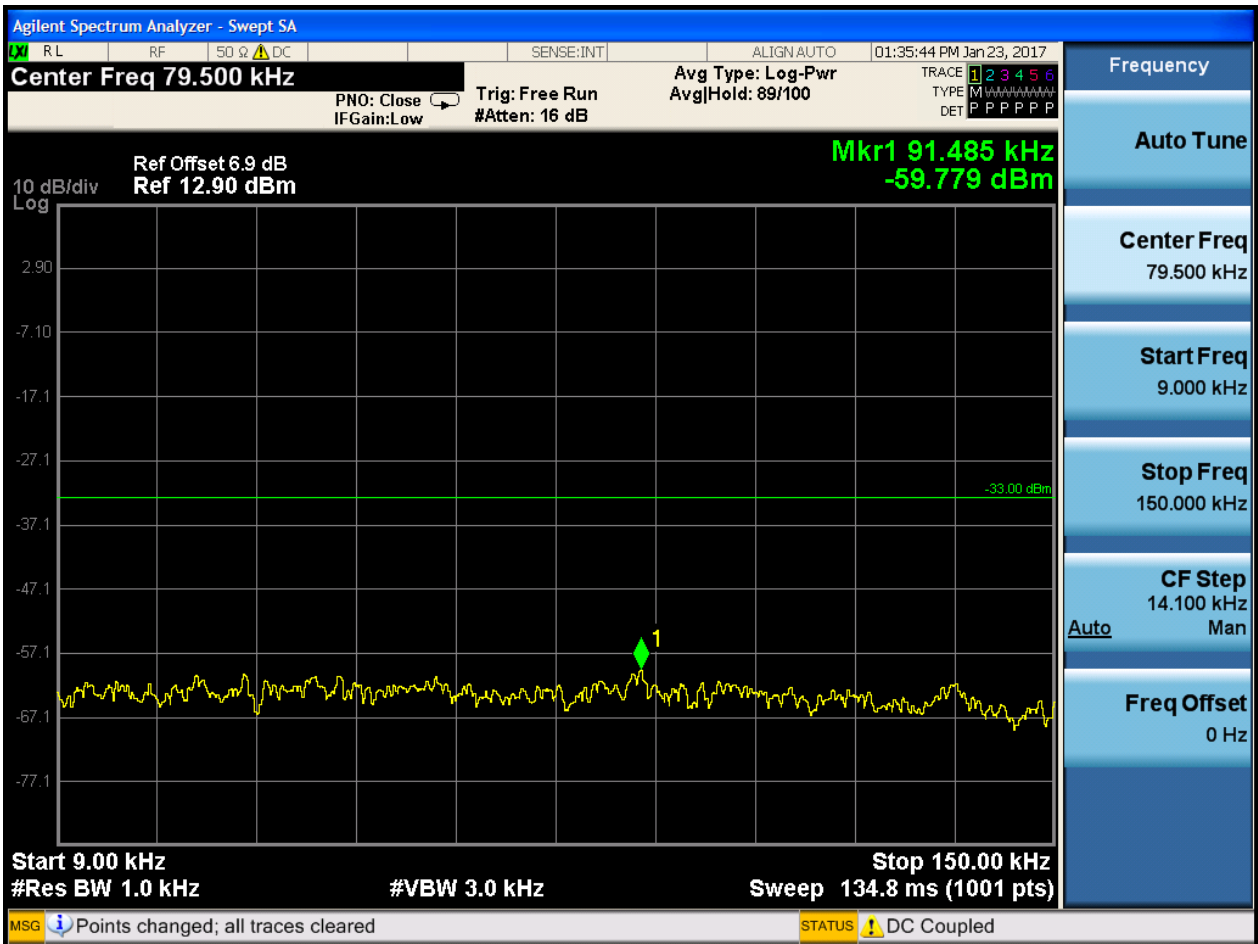


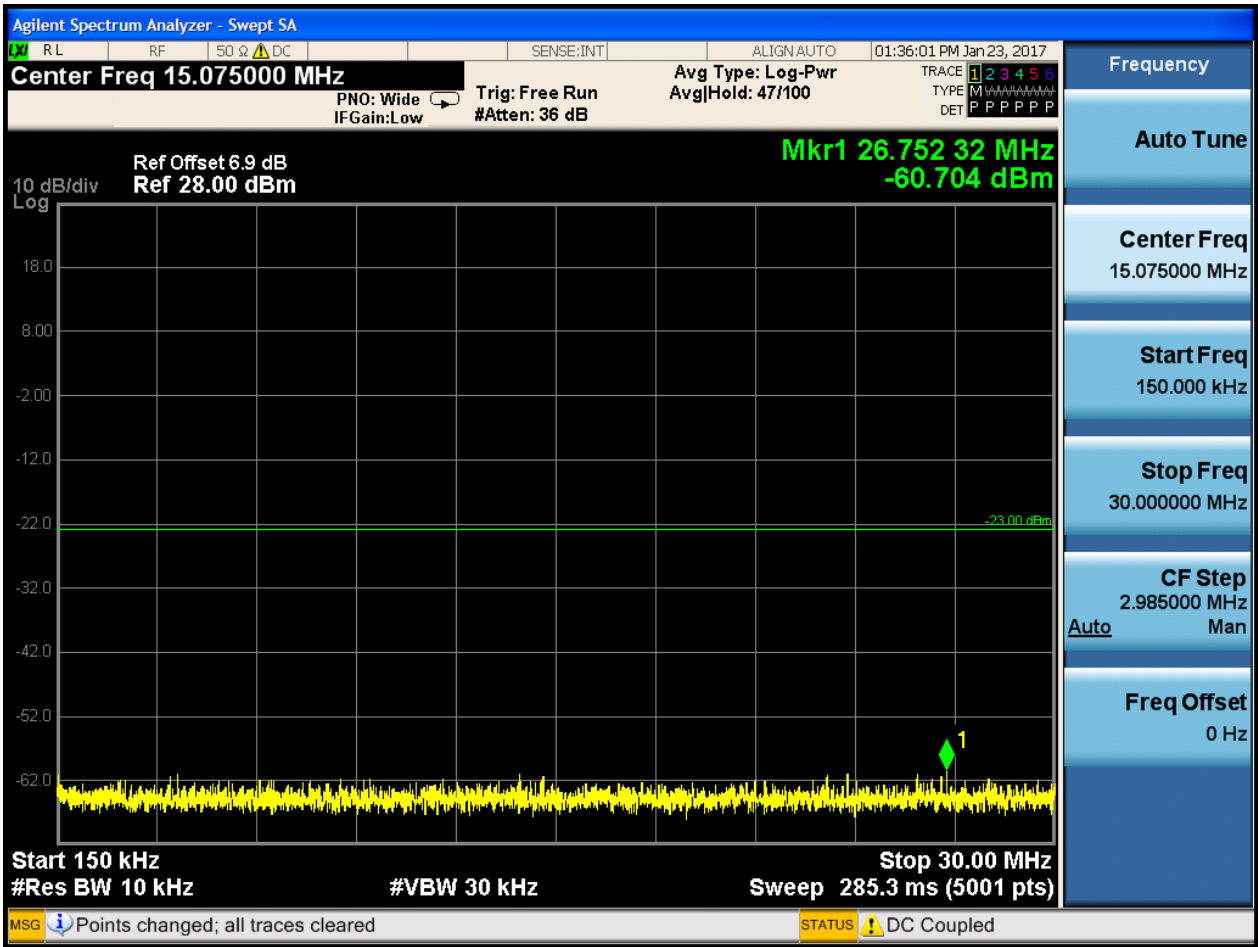


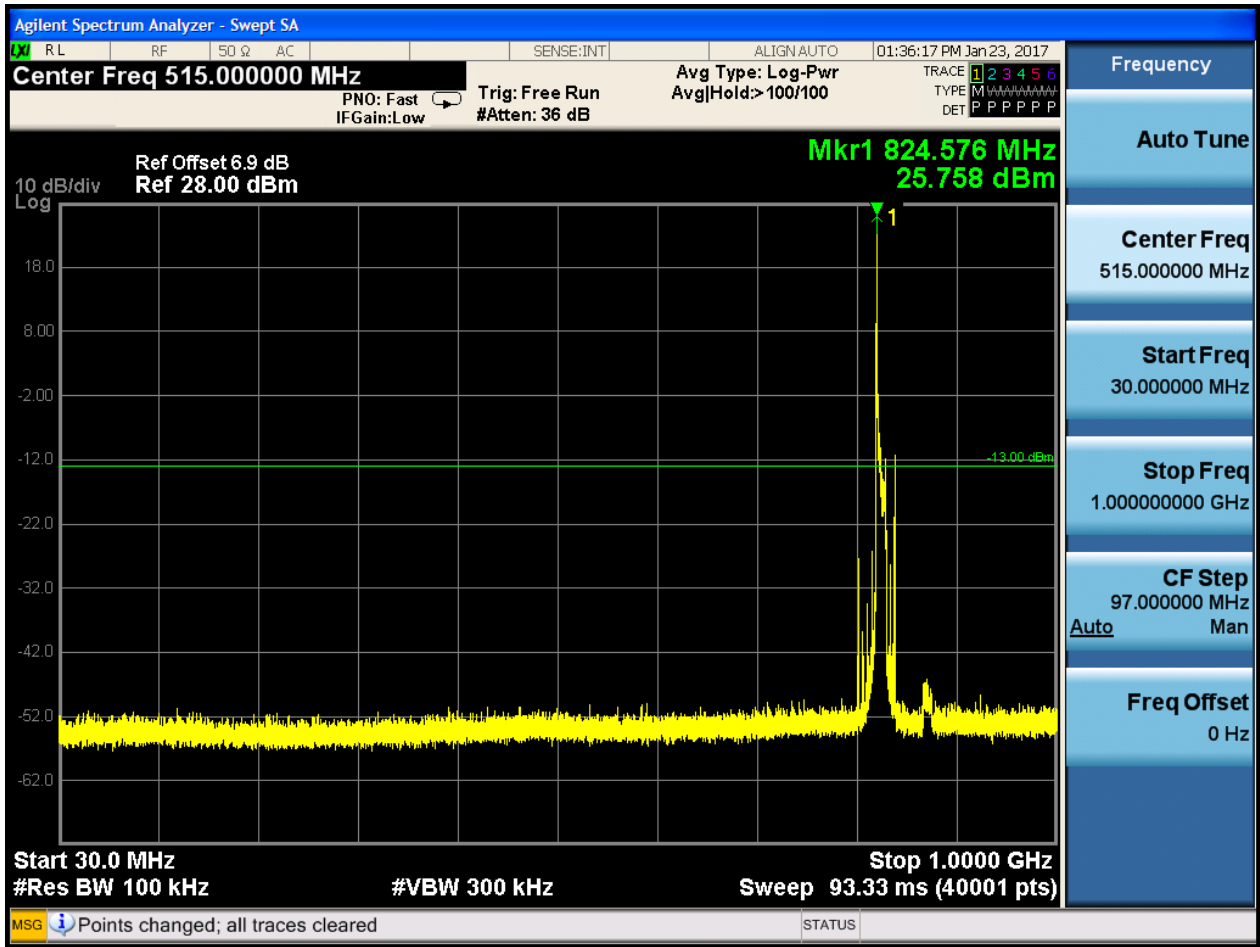
6.1.1.2.4 Test Bandwidth = 10

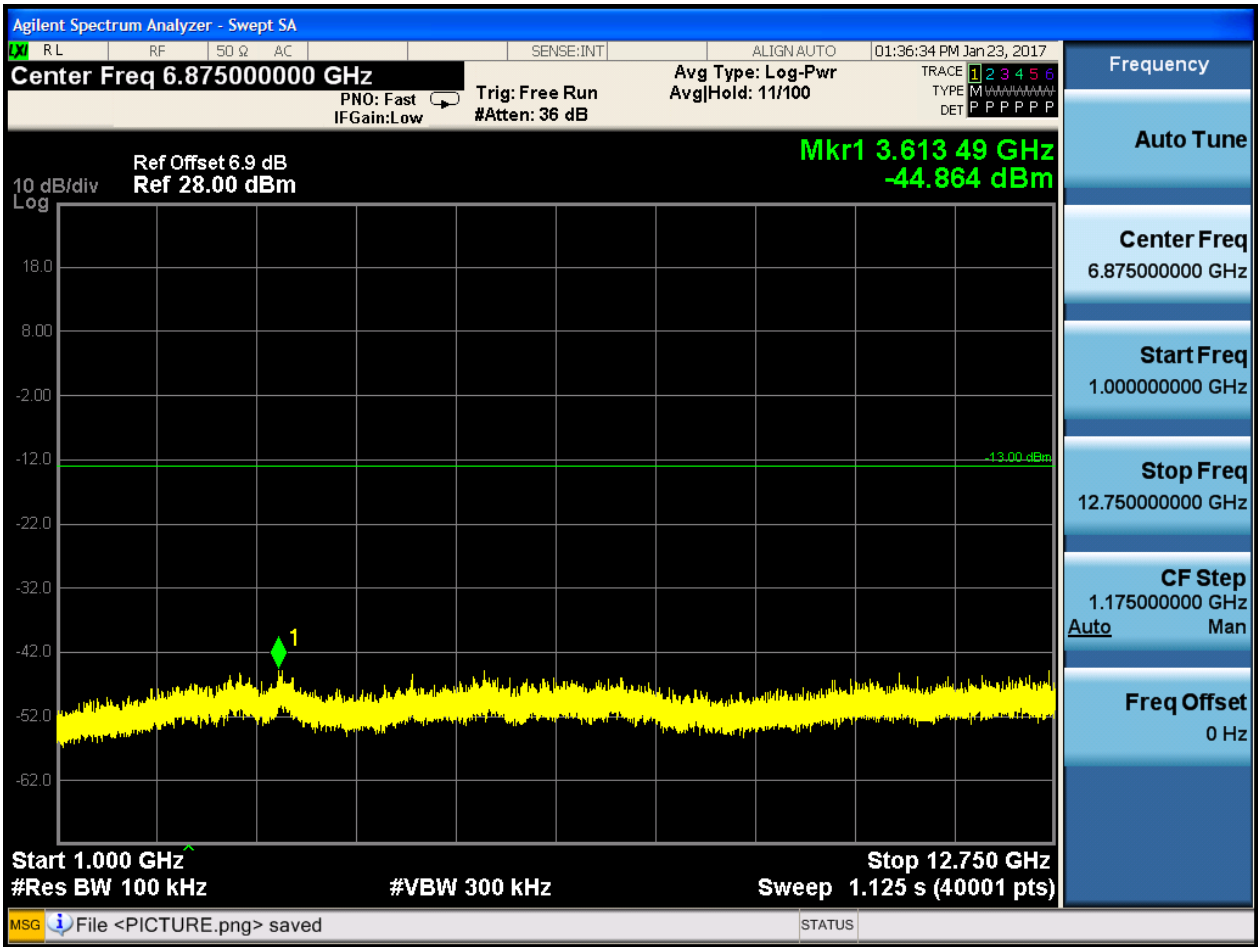
6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0





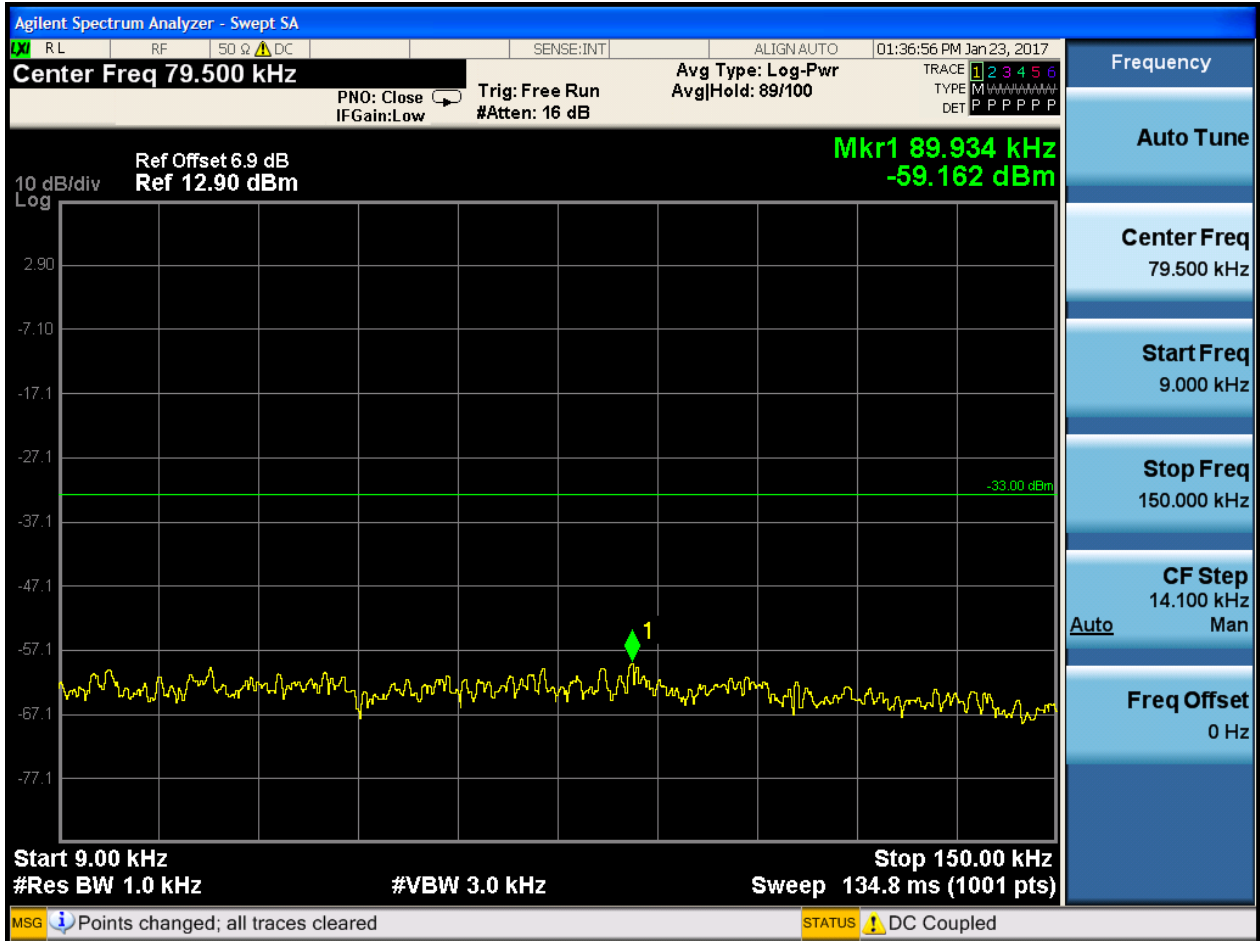


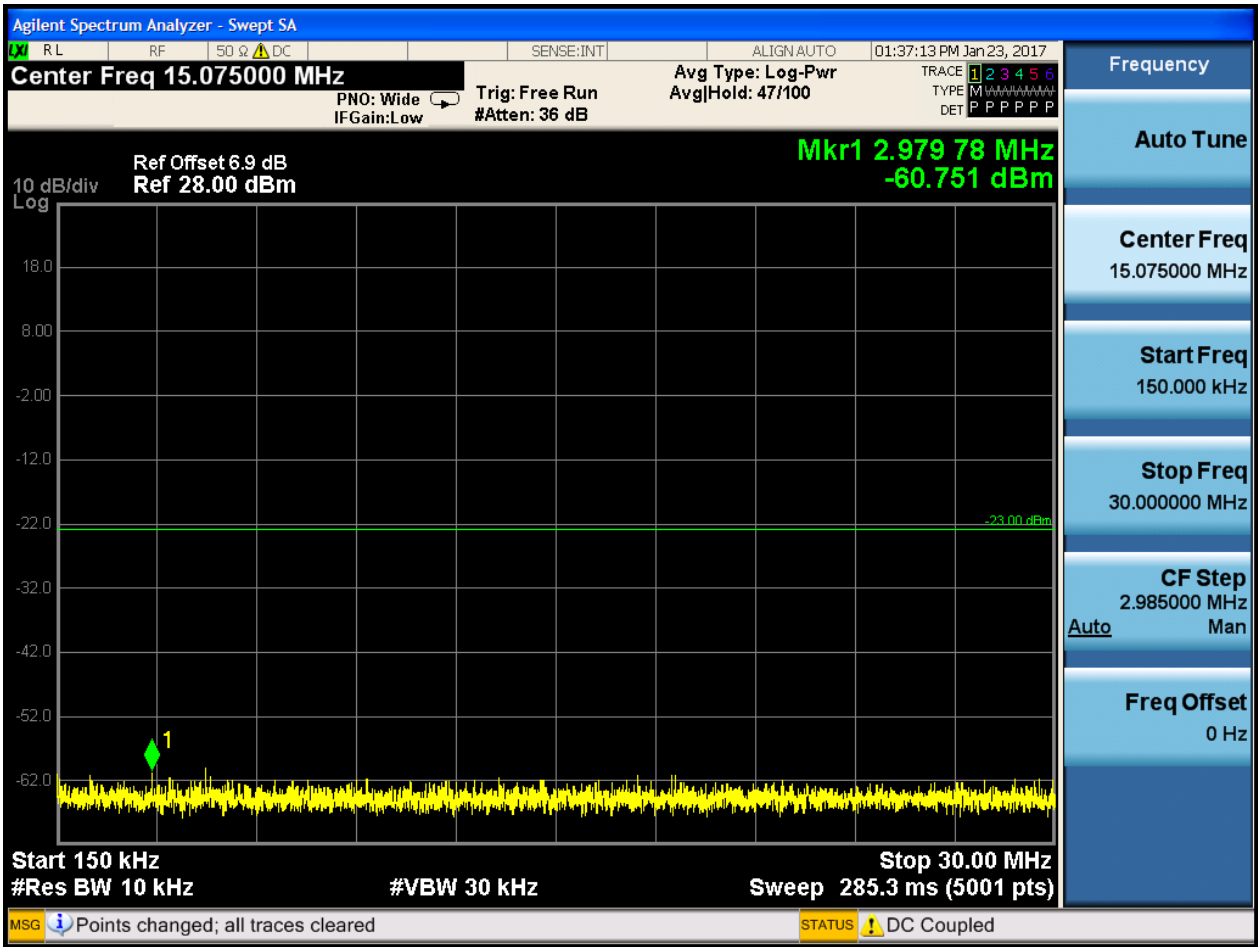


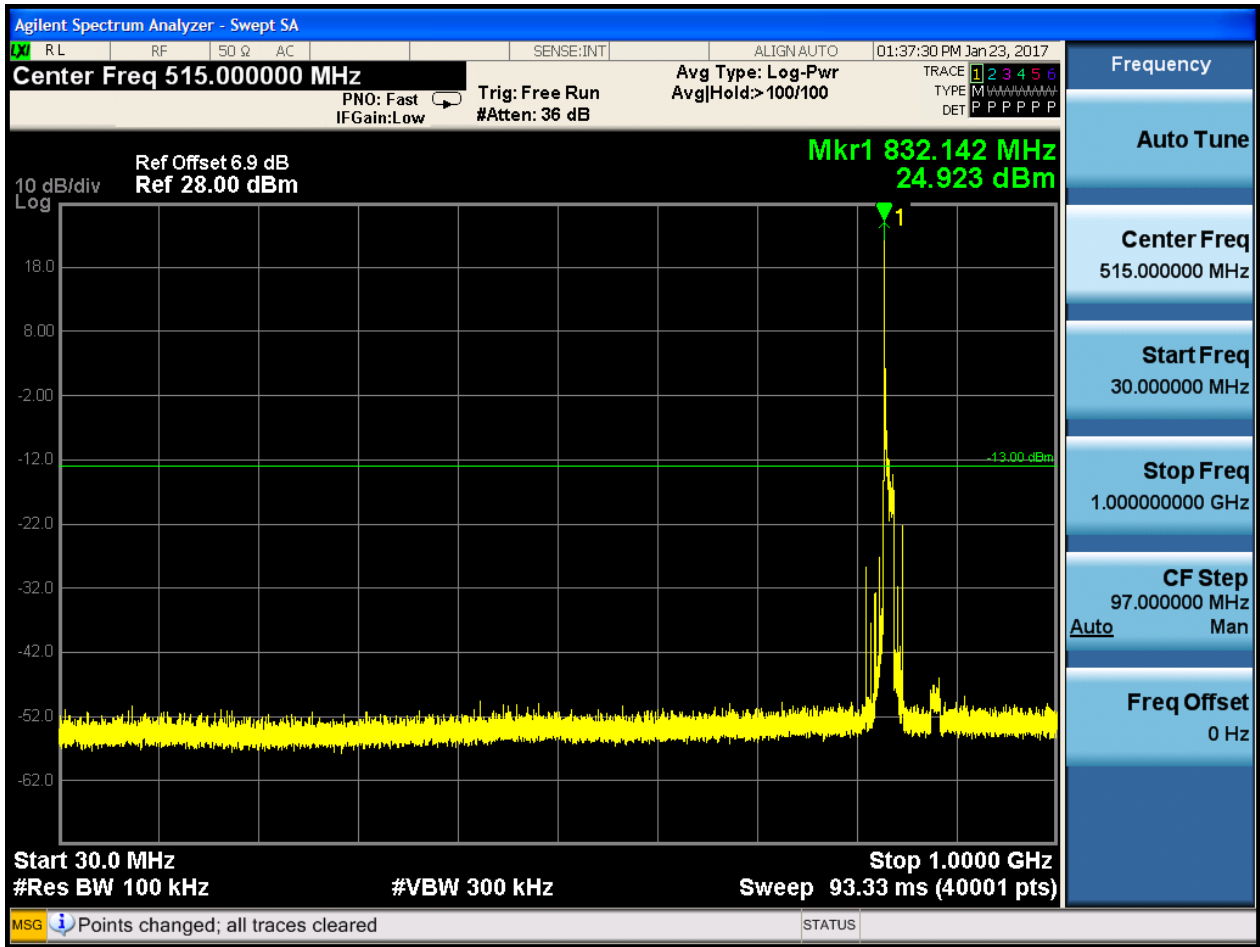


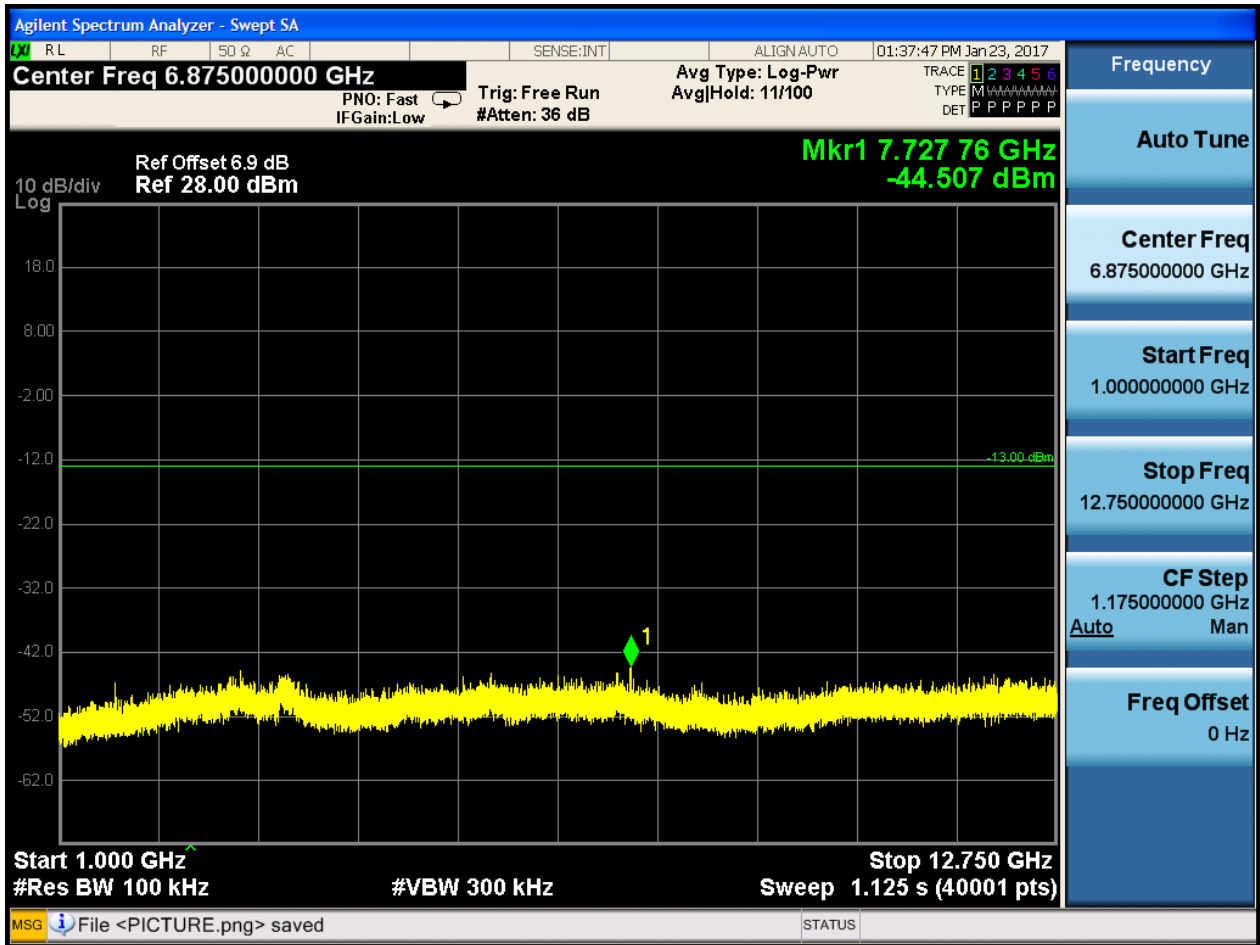
6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0





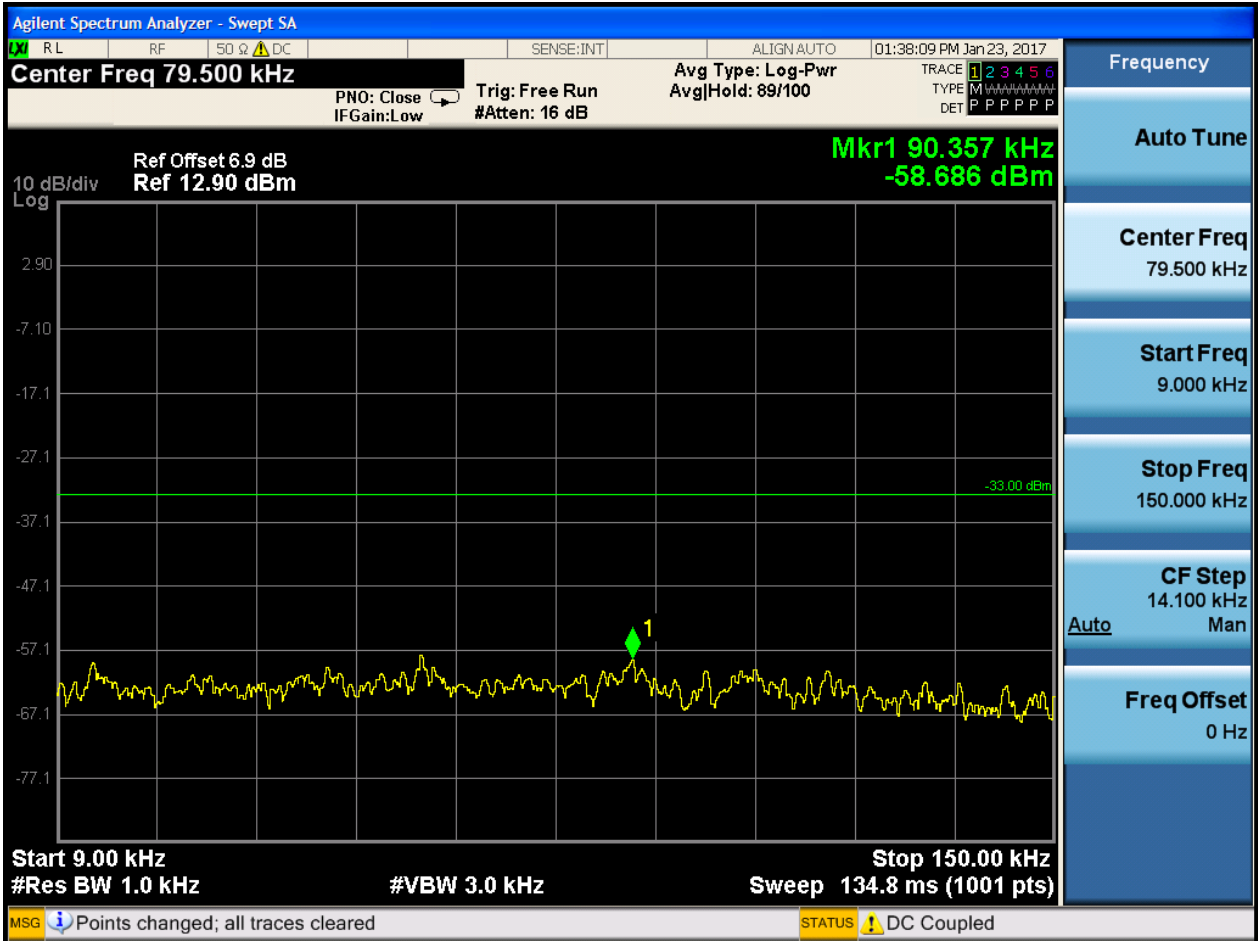


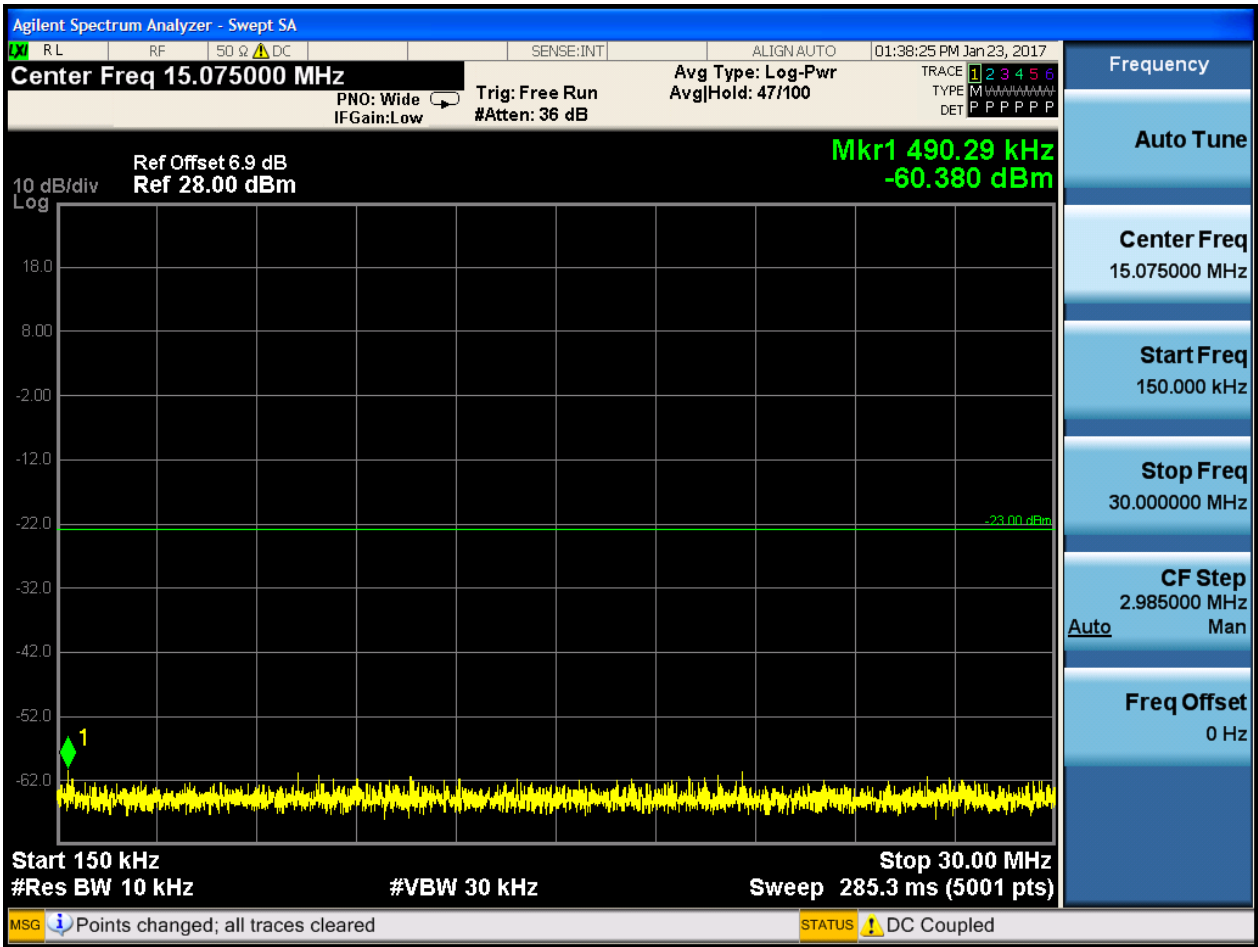


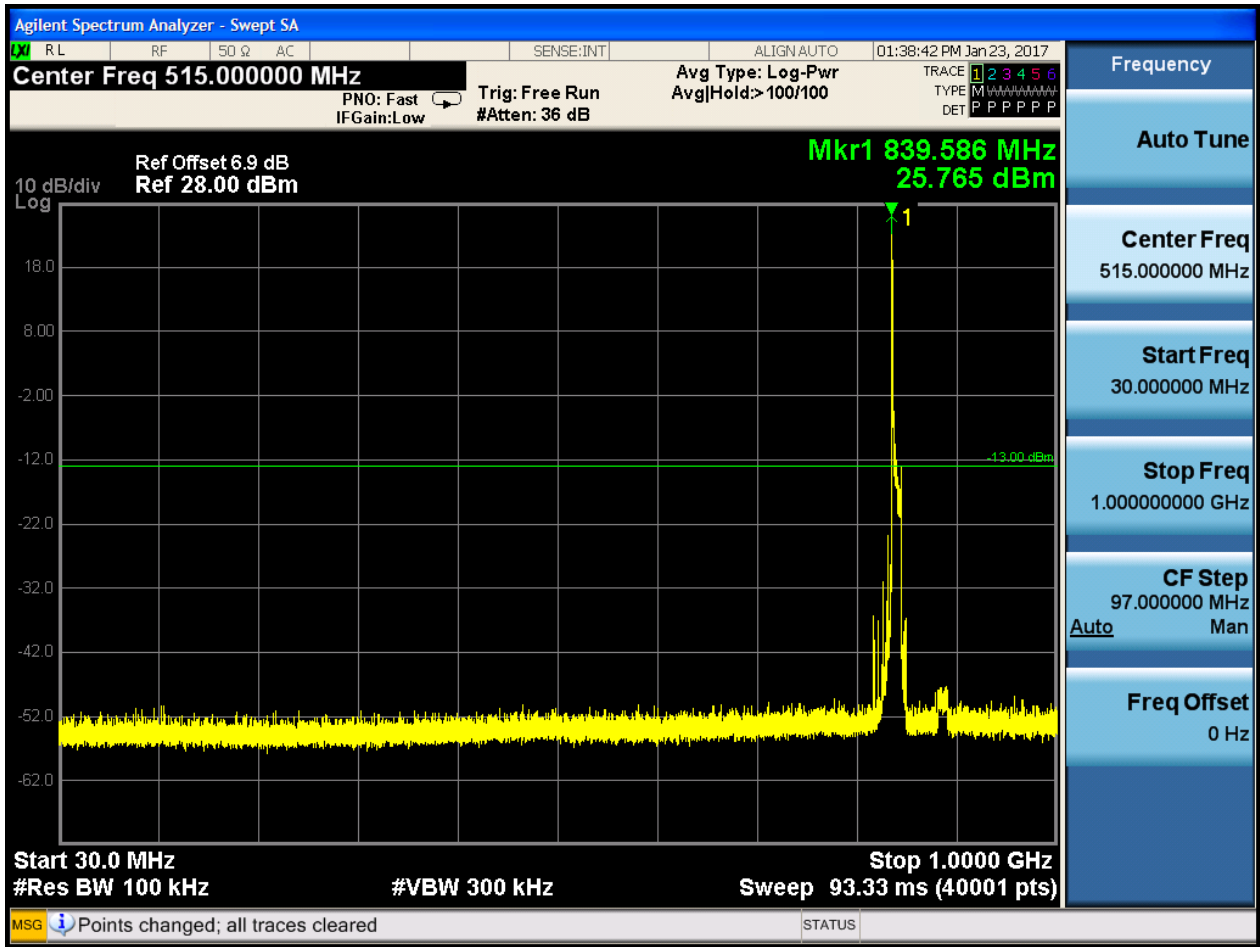


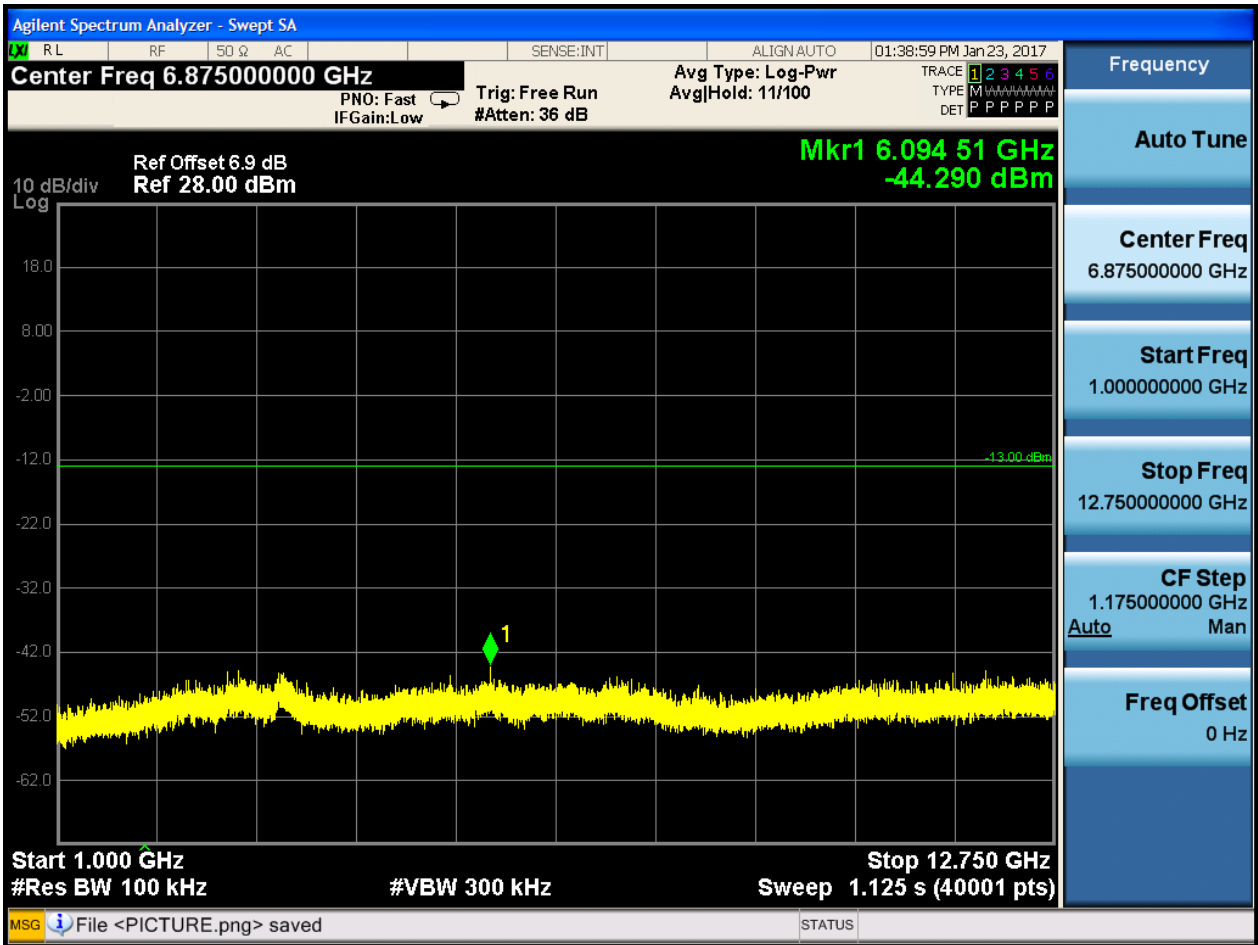
6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0











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
BAND5	LTE/TM1	1.4	LCH	TN	VL	-14.20	-0.01722	PASS
					VN	0.83	0.00101	PASS
					VH	-4.56	-0.00553	PASS
			MCH	TN	VL	-7.51	-0.00898	PASS
					VN	-3.93	-0.0047	PASS
					VH	-10.89	-0.01302	PASS
			HCH	TN	VL	-1.62	-0.00191	PASS
					VN	-1.83	-0.00216	PASS
					VH	-1.00	-0.00118	PASS
		3	LCH	TN	VL	0.16	0.00019	PASS
					VN	1.07	0.0013	PASS
					VH	5.51	0.00667	PASS
			MCH	TN	VL	0.09	0.00011	PASS
					VN	-1.44	-0.00172	PASS
					VH	3.71	0.00444	PASS
			HCH	TN	VL	2.06	0.00243	PASS
					VN	-1.13	-0.00133	PASS
					VH	-2.16	-0.00255	PASS
		5	LCH	TN	VL	2.53	0.00306	PASS
					VN	-1.92	-0.00232	PASS
					VH	-0.09	-0.00011	PASS
			MCH	TN	VL	-0.66	-0.00079	PASS
					VN	0.16	0.00019	PASS
					VH	-0.09	-0.00011	PASS
			HCH	TN	VL	0.53	0.00063	PASS
					VN	4.16	0.00491	PASS
					VH	1.04	0.00123	PASS
10	LCH	TN	VL	-37.01	-0.04464	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					VN	-4.25	-0.00513	PASS			
					VH	4.32	0.00521	PASS			
					MCH	TN	VL	42.61	0.05094	PASS	
							VN	58.65	0.07011	PASS	
					VH		VN	72.41	0.08656	PASS	
							VH	72.41	0.08656	PASS	
			HCH	TN	VL	3.76	0.00445	PASS			
					VN	-3.62	-0.00429	PASS			
					VH	5.79	0.00686	PASS			
					1.4	LCH	TN	VL	-6.58	-0.00798	PASS
								VN	-9.88	-0.01198	PASS
								VH	11.86	0.01438	PASS
	MCH	TN	VL	8.44	0.01009	PASS					
			VN	-2.09	-0.0025	PASS					
			VH	9.76	0.01167	PASS					
	HCH	TN	VL	-4.06	-0.00479	PASS					
			VN	-4.53	-0.00534	PASS					
			VH	-5.85	-0.0069	PASS					
	3	LCH	TN	VL	-0.33	-0.0004	PASS				
				VN	0.27	0.00033	PASS				
				VH	0.90	0.00109	PASS				
		MCH	TN	VL	-0.99	-0.00118	PASS				
				VN	-2.99	-0.00357	PASS				
				VH	0.34	0.00041	PASS				
		HCH	TN	VL	-1.37	-0.00162	PASS				
				VN	-0.20	-0.00024	PASS				
				VH	-0.89	-0.00105	PASS				
	5	LCH	TN	VL	-3.12	-0.00377	PASS				
				VN	1.62	0.00196	PASS				
				VH	2.92	0.00353	PASS				
		MCH	TN	VL	-1.19	-0.00142	PASS				
				VN	0.34	0.00041	PASS				
				VH	1.30	0.00155	PASS				
		HCH	TN	VL	-0.11	-0.00013	PASS				
				VN	0.62	0.00073	PASS				
				VH	0.92	0.00109	PASS				
	10	LCH	TN	VL	0.10	0.00012	PASS				
				VN	-3.55	-0.00428	PASS				
				VH	-3.42	-0.00413	PASS				
		MCH	TN	VL	9.04	0.01081	PASS				

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	20.64	0.02467	PASS
					VH	26.25	0.03138	PASS
			HCH	TN	VL	-4.69	-0.00556	PASS
					VN	-1.54	-0.00182	PASS
					VH	-5.97	-0.00707	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	2.90	0.00352	PASS
					-20	-3.10	-0.00376	PASS
					-10	-12.55	-0.01522	PASS
					0	-3.99	-0.00484	PASS
					10	-8.44	-0.01023	PASS
					20	3.20	0.00388	PASS
					30	-2.32	-0.00281	PASS
					40	-7.67	-0.0093	PASS
					50	-10.81	-0.01311	PASS
			MCH	VN	-30	-13.72	-0.0164	PASS
					-20	8.23	0.00984	PASS
					-10	14.33	0.01713	PASS
					0	26.74	0.03197	PASS
					10	0.83	0.00099	PASS
					20	-2.78	-0.00332	PASS
					30	-18.51	-0.02213	PASS
					40	-8.61	-0.01029	PASS
					50	-39.20	-0.04686	PASS
			HCH	VN	-30	-2.59	-0.00305	PASS
					-20	-2.83	-0.00334	PASS
					-10	-3.89	-0.00459	PASS
					0	-7.65	-0.00902	PASS
					10	-1.24	-0.00146	PASS
					20	1.67	0.00197	PASS
		30			-6.97	-0.00822	PASS	
		40			-1.76	-0.00207	PASS	
		50			1.39	0.00164	PASS	
3	LCH	VN	-30	1.24	0.0015	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					-20	-4.95	-0.006	PASS			
					-10	0.29	0.00035	PASS			
					0	-8.44	-0.01022	PASS			
					10	0.29	0.00035	PASS			
					20	-2.92	-0.00354	PASS			
					30	-6.67	-0.00808	PASS			
					40	-0.06	-0.00007	PASS			
					50	-0.74	-0.0009	PASS			
			MCH	VN				-30	3.59	0.00429	PASS
								-20	-1.40	-0.00167	PASS
								-10	0.31	0.00037	PASS
								0	-2.59	-0.0031	PASS
								10	1.63	0.00195	PASS
								20	-1.72	-0.00206	PASS
								30	-0.39	-0.00047	PASS
								40	0.94	0.00112	PASS
			HCH	VN				-30	0.37	0.00044	PASS
								-20	0.03	0.00004	PASS
								-10	2.79	0.00329	PASS
								0	0.03	0.00004	PASS
								10	-6.27	-0.0074	PASS
								20	-1.24	-0.00146	PASS
								30	0.07	0.00008	PASS
								40	-1.53	-0.00181	PASS
			5	LCH				-30	0.72	0.00087	PASS
								-20	2.47	0.00299	PASS
								-10	-2.07	-0.0025	PASS
								0	-0.24	-0.00029	PASS
		10						0.03	0.00004	PASS	
		20						2.36	0.00286	PASS	
		30						-1.37	-0.00166	PASS	
		40						2.19	0.00265	PASS	
		50						0.87	0.00105	PASS	
		MCH						VN			
				-20	0.30	0.00036	PASS				
				-10	0.51	0.00061	PASS				
			0	1.69	0.00202	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	0.96	0.00115	PASS		
					20	2.70	0.00323	PASS		
					30	-0.30	-0.00036	PASS		
					40	-0.84	-0.001	PASS		
					50	-0.30	-0.00036	PASS		
			HCH	VN	-30	-1.96	-0.00232	PASS		
					-20	-0.47	-0.00056	PASS		
					-10	-6.97	-0.00823	PASS		
					0	-1.56	-0.00184	PASS		
					10	-0.30	-0.00035	PASS		
					20	2.40	0.00284	PASS		
					30	-4.06	-0.0048	PASS		
					40	-1.60	-0.00189	PASS		
					50	-2.35	-0.00278	PASS		
					LCH	VN	-30	5.19	0.00626	PASS
							-20	-2.89	-0.00349	PASS
							-10	5.51	0.00665	PASS
							0	7.10	0.00856	PASS
		10	11.50	0.01387			PASS			
		20	5.29	0.00638			PASS			
		30	3.16	0.00381			PASS			
		40	5.32	0.00642			PASS			
		50	5.84	0.00704			PASS			
		MCH	VN	-30	17.18	0.02054	PASS			
				-20	-22.42	-0.0268	PASS			
				-10	-6.67	-0.00797	PASS			
				0	56.92	0.06805	PASS			
				10	8.27	0.00989	PASS			
				20	16.61	0.01986	PASS			
				30	-15.66	-0.01872	PASS			
				40	-45.03	-0.05383	PASS			
				50	-10.47	-0.01252	PASS			
		HCH	VN	-30	4.36	0.00517	PASS			
				-20	9.07	0.01075	PASS			
				-10	21.90	0.02595	PASS			
				0	14.95	0.01771	PASS			
10	-2.40			-0.00284	PASS					
20	0.54			0.00064	PASS					
30	3.82			0.00453	PASS					
10							-30	5.19	0.00626	PASS
-20		-2.89	-0.00349				PASS			
-10		5.51	0.00665				PASS			
0		7.10	0.00856				PASS			
10		11.50	0.01387				PASS			
20		5.29	0.00638				PASS			
30		3.16	0.00381				PASS			
40		5.32	0.00642				PASS			
50		5.84	0.00704				PASS			
-30		17.18	0.02054				PASS			
-20		-22.42	-0.0268				PASS			
-10		-6.67	-0.00797				PASS			
0		56.92	0.06805				PASS			
10		8.27	0.00989				PASS			
20		16.61	0.01986				PASS			
30		-15.66	-0.01872				PASS			
40		-45.03	-0.05383				PASS			
50		-10.47	-0.01252				PASS			
-30	4.36	0.00517	PASS							
-20	9.07	0.01075	PASS							
-10	21.90	0.02595	PASS							
0	14.95	0.01771	PASS							
10	-2.40	-0.00284	PASS							
20	0.54	0.00064	PASS							
30	3.82	0.00453	PASS							

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	1.4	LCH	VN	40	2.53	0.003	PASS
					50	20.51	0.0243	PASS
					-30	-3.48	-0.00422	PASS
					-20	-4.48	-0.00543	PASS
					-10	3.45	0.00418	PASS
					0	4.94	0.00599	PASS
					10	-13.70	-0.01661	PASS
					20	-3.23	-0.00392	PASS
					30	9.06	0.01099	PASS
			40	0.26	0.00032	PASS		
			50	1.37	0.00166	PASS		
			MCH	VN	-30	-3.73	-0.00446	PASS
					-20	-3.85	-0.0046	PASS
					-10	7.94	0.00949	PASS
					0	-1.19	-0.00142	PASS
					10	-1.72	-0.00206	PASS
					20	-20.79	-0.02485	PASS
					30	3.99	0.00477	PASS
		40			-23.09	-0.0276	PASS	
		50			1.87	0.00224	PASS	
		HCH	VN	-30	-3.96	-0.00467	PASS	
				-20	-4.71	-0.00555	PASS	
				-10	-4.32	-0.00509	PASS	
				0	4.49	0.00529	PASS	
				10	-1.14	-0.00134	PASS	
				20	-9.30	-0.01096	PASS	
				30	-4.51	-0.00532	PASS	
				40	-0.53	-0.00062	PASS	
				50	2.25	0.00265	PASS	
		3	LCH	VN	-30	6.15	0.00745	PASS
					-20	0.06	0.00007	PASS
					-10	-1.62	-0.00196	PASS
					0	0.80	0.00097	PASS
10	0.41				0.0005	PASS		
20	0.94				0.00114	PASS		
30	-2.52				-0.00305	PASS		
40	-0.93				-0.00113	PASS		
50	-1.87				-0.00227	PASS		
MCH	VN		-30	-2.37	-0.00283	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	0.36	0.00043	PASS		
					-10	-5.28	-0.00631	PASS		
					0	-0.62	-0.00074	PASS		
					10	-10.27	-0.01228	PASS		
					20	-0.33	-0.00039	PASS		
					30	-0.27	-0.00032	PASS		
					40	-1.52	-0.00182	PASS		
					50	0.67	0.0008	PASS		
			HCH	VN	-30	-0.16	-0.00019	PASS		
					-20	-3.89	-0.00459	PASS		
					-10	-0.20	-0.00024	PASS		
					0	-3.72	-0.00439	PASS		
					10	-1.66	-0.00196	PASS		
					20	-3.48	-0.00411	PASS		
					30	-3.20	-0.00378	PASS		
					40	-1.87	-0.00221	PASS		
			LCH	VN	-30	0.67	0.00081	PASS		
					-20	-0.39	-0.00047	PASS		
					-10	0.56	0.00068	PASS		
					0	0.60	0.00073	PASS		
		10			1.50	0.00181	PASS			
		20			-3.02	-0.00365	PASS			
		30			2.36	0.00286	PASS			
		40			-3.52	-0.00426	PASS			
		MCH	VN	-30	-0.51	-0.00061	PASS			
				-20	-1.39	-0.00166	PASS			
				-10	0.56	0.00067	PASS			
				0	1.42	0.0017	PASS			
				10	-3.30	-0.00395	PASS			
				20	0.44	0.00053	PASS			
				30	-2.47	-0.00295	PASS			
				40	2.49	0.00298	PASS			
		HCH	VN	-30	-5.12	-0.00605	PASS			
				-20	-1.87	-0.00221	PASS			
				-10	1.56	0.00184	PASS			
				0	2.65	0.00313	PASS			
		5					-30	0.67	0.00081	PASS
							-20	-0.39	-0.00047	PASS
							-10	0.56	0.00068	PASS
							0	0.60	0.00073	PASS
10	1.50						0.00181	PASS		
20	-3.02						-0.00365	PASS		
30	2.36						0.00286	PASS		
40	-3.52						-0.00426	PASS		
50	-1.72						-0.00208	PASS		
										-30
				-20	-1.39	-0.00166				PASS
				-10	0.56	0.00067				PASS
				0	1.42	0.0017				PASS
				10	-3.30	-0.00395				PASS
				20	0.44	0.00053				PASS
				30	-2.47	-0.00295				PASS
				40	2.49	0.00298				PASS
				50	-1.44	-0.00172				PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					10	3.06	0.00361	PASS			
					20	2.69	0.00318	PASS			
					30	-1.97	-0.00233	PASS			
					40	0.26	0.00031	PASS			
					50	0.70	0.00083	PASS			
					10	LCH	VN	-30	4.03	0.00486	PASS
								-20	-1.83	-0.00221	PASS
								-10	7.67	0.00925	PASS
								0	6.72	0.00811	PASS
								10	-5.48	-0.00661	PASS
		20	-5.68	-0.00685				PASS			
		30	4.75	0.00573				PASS			
		40	-4.96	-0.00598				PASS			
		50	-0.37	-0.00045				PASS			
		10	MCH	VN				-30	40.68	0.04863	PASS
								-20	15.49	0.01852	PASS
								-10	-20.51	-0.02452	PASS
					0	-90.21	-0.10784	PASS			
					10	10.43	0.01247	PASS			
					20	6.15	0.00735	PASS			
					30	-46.65	-0.05577	PASS			
					40	65.82	0.07868	PASS			
		10	HCH	VN	-30	-0.97	-0.00115	PASS			
					-20	-0.76	-0.0009	PASS			
					-10	-4.03	-0.00477	PASS			
					0	4.99	0.00591	PASS			
					10	-3.75	-0.00444	PASS			
					20	-2.05	-0.00243	PASS			
					30	1.46	0.00173	PASS			
					40	-1.47	-0.00174	PASS			
							50	-1.47	-0.00174	PASS	

END