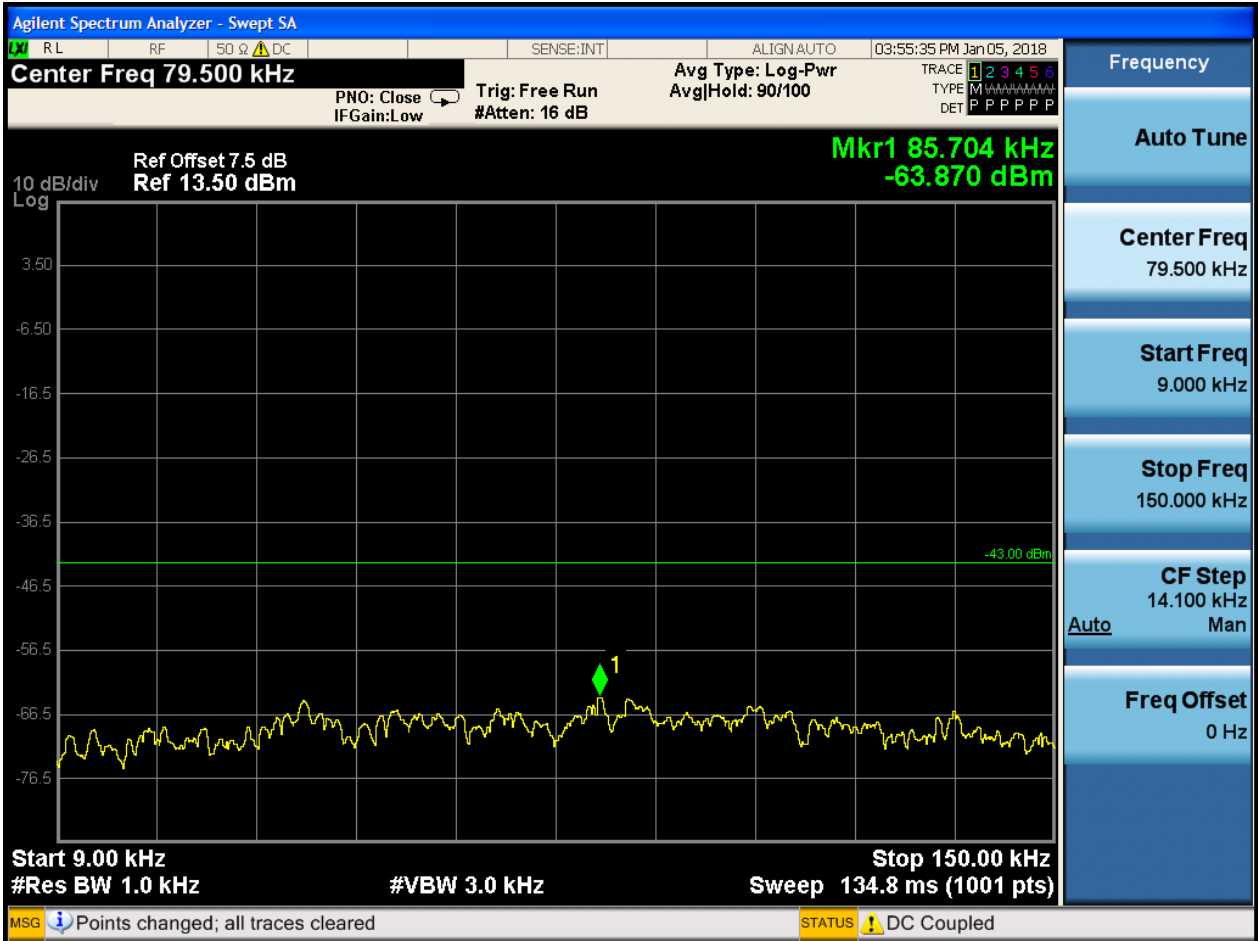
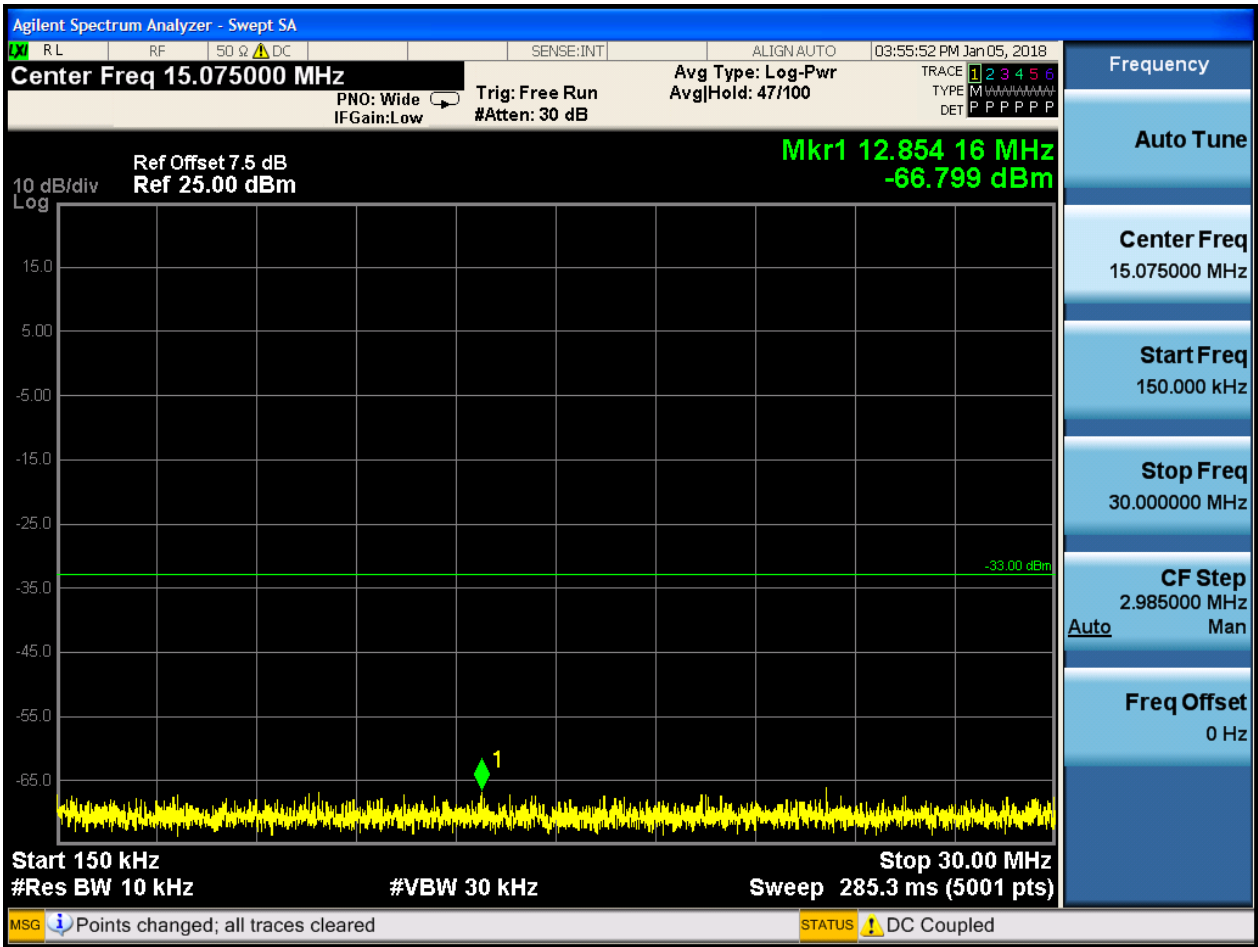


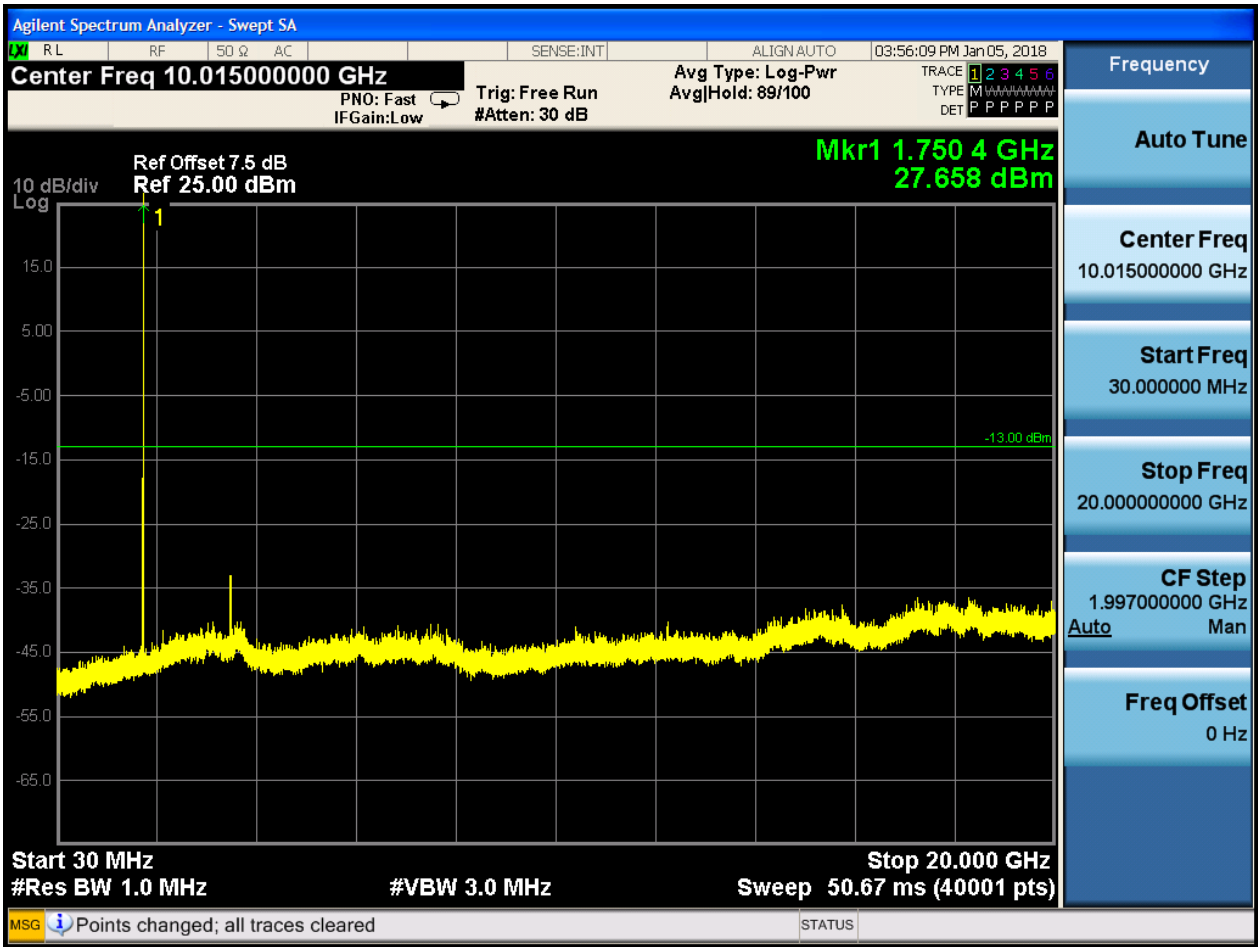


6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0





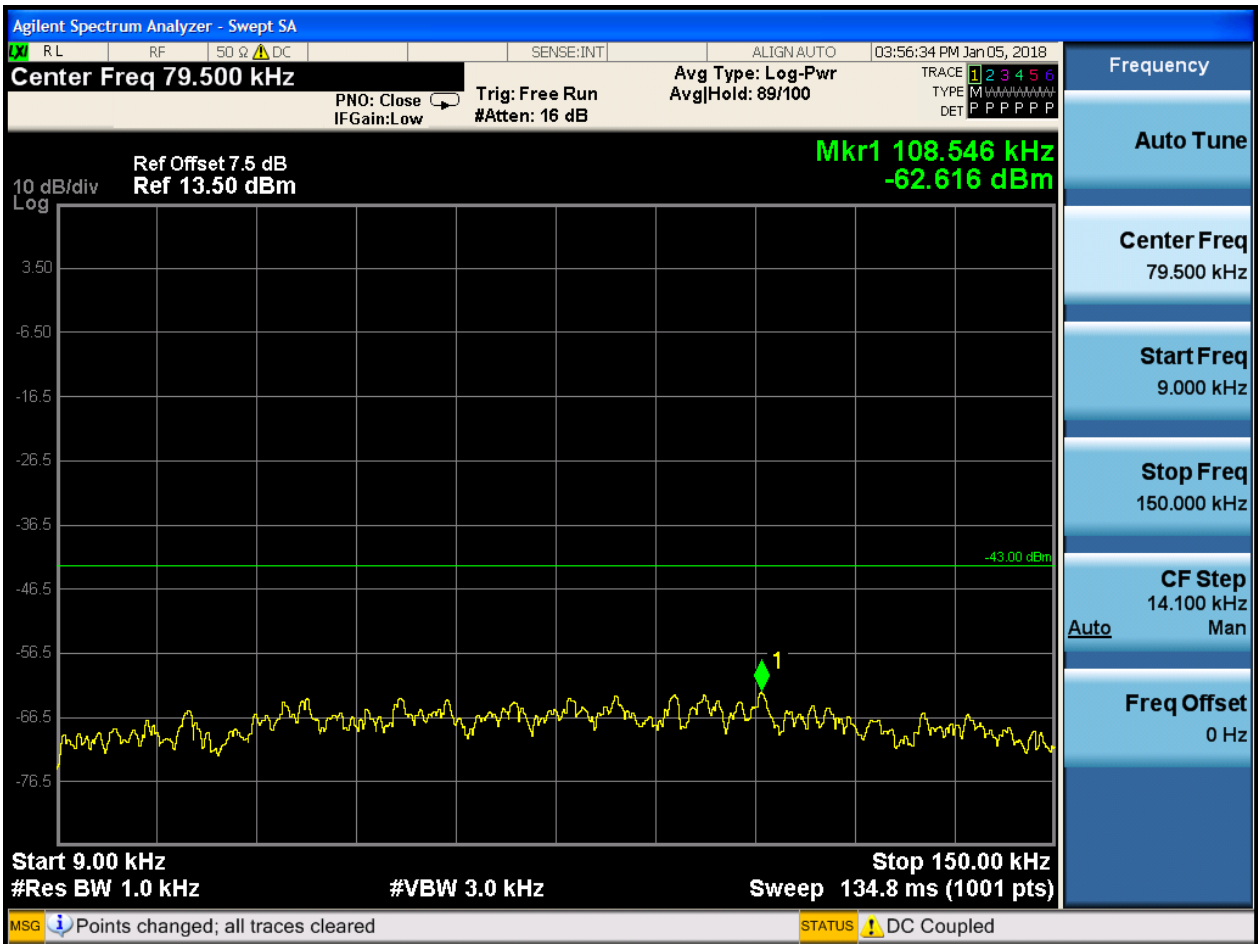




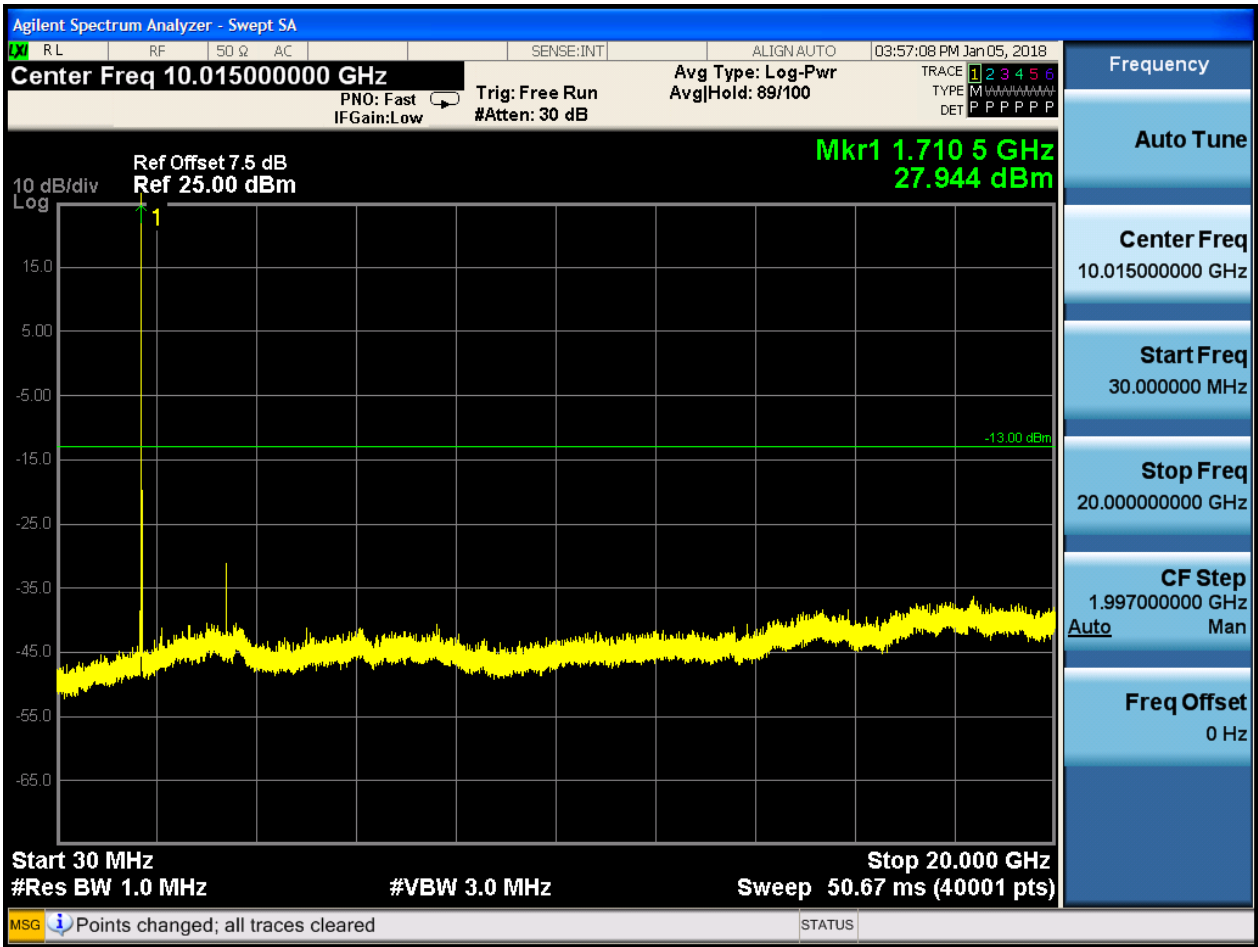
6.1.1.1.4 Test Bandwidth = 10

6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0





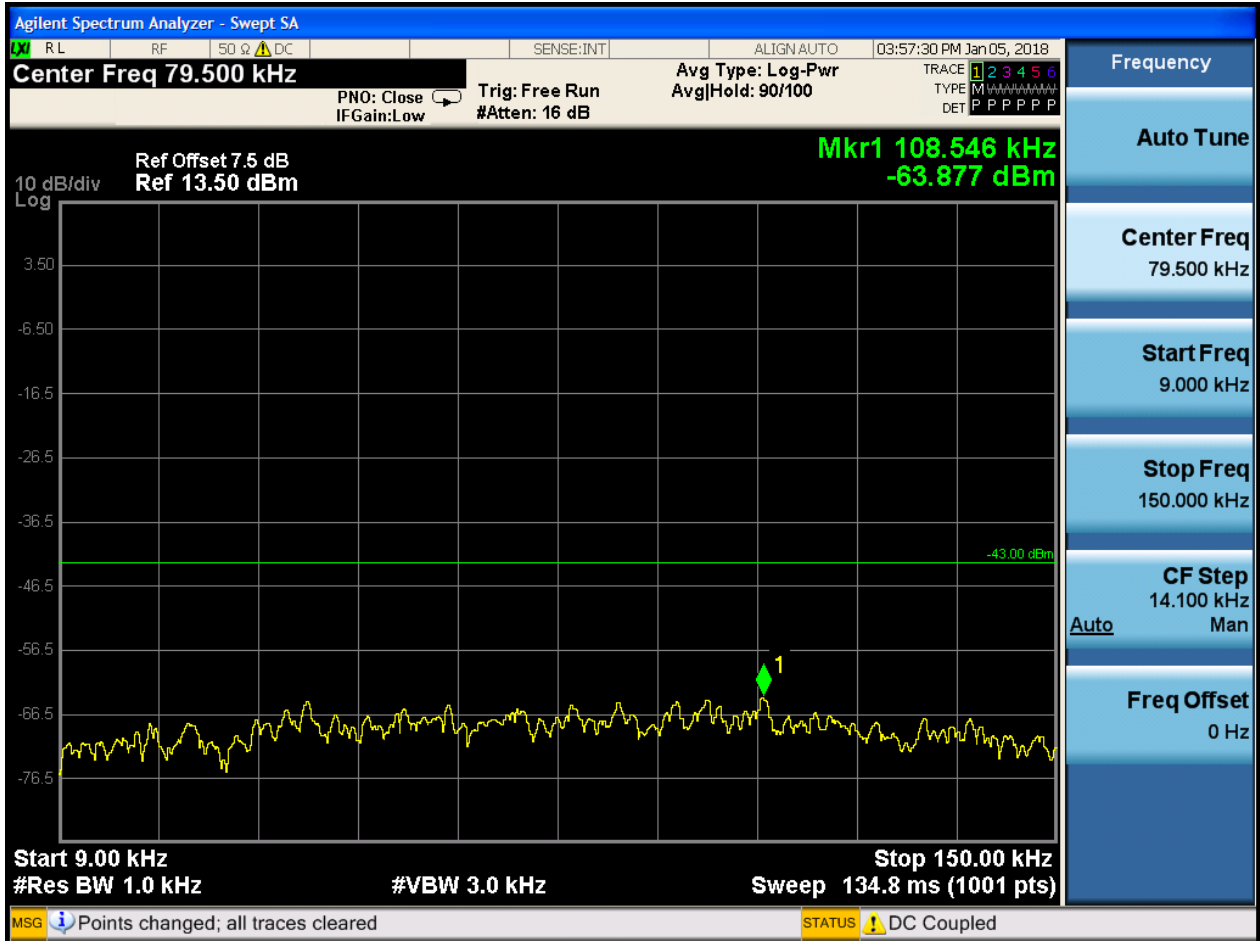


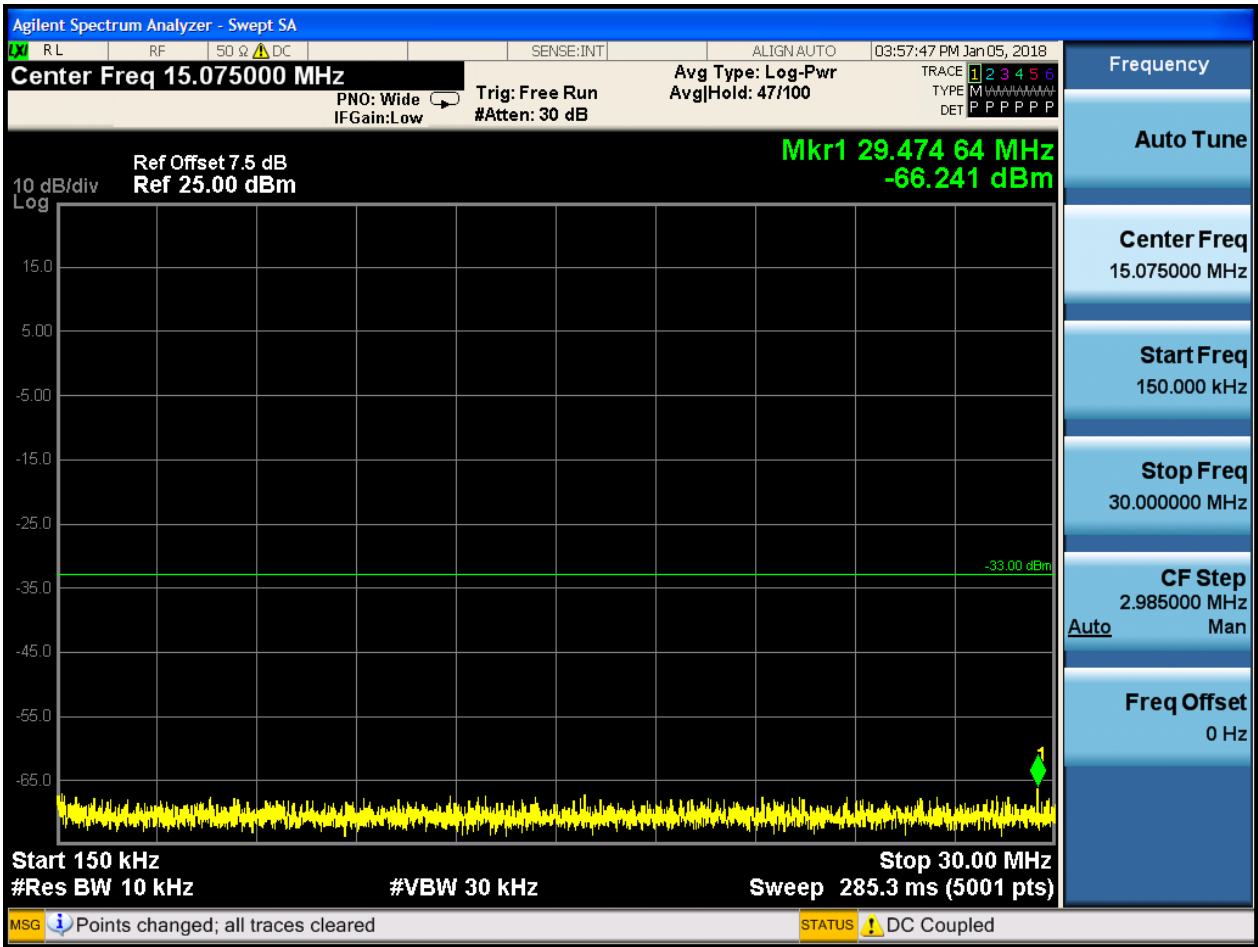


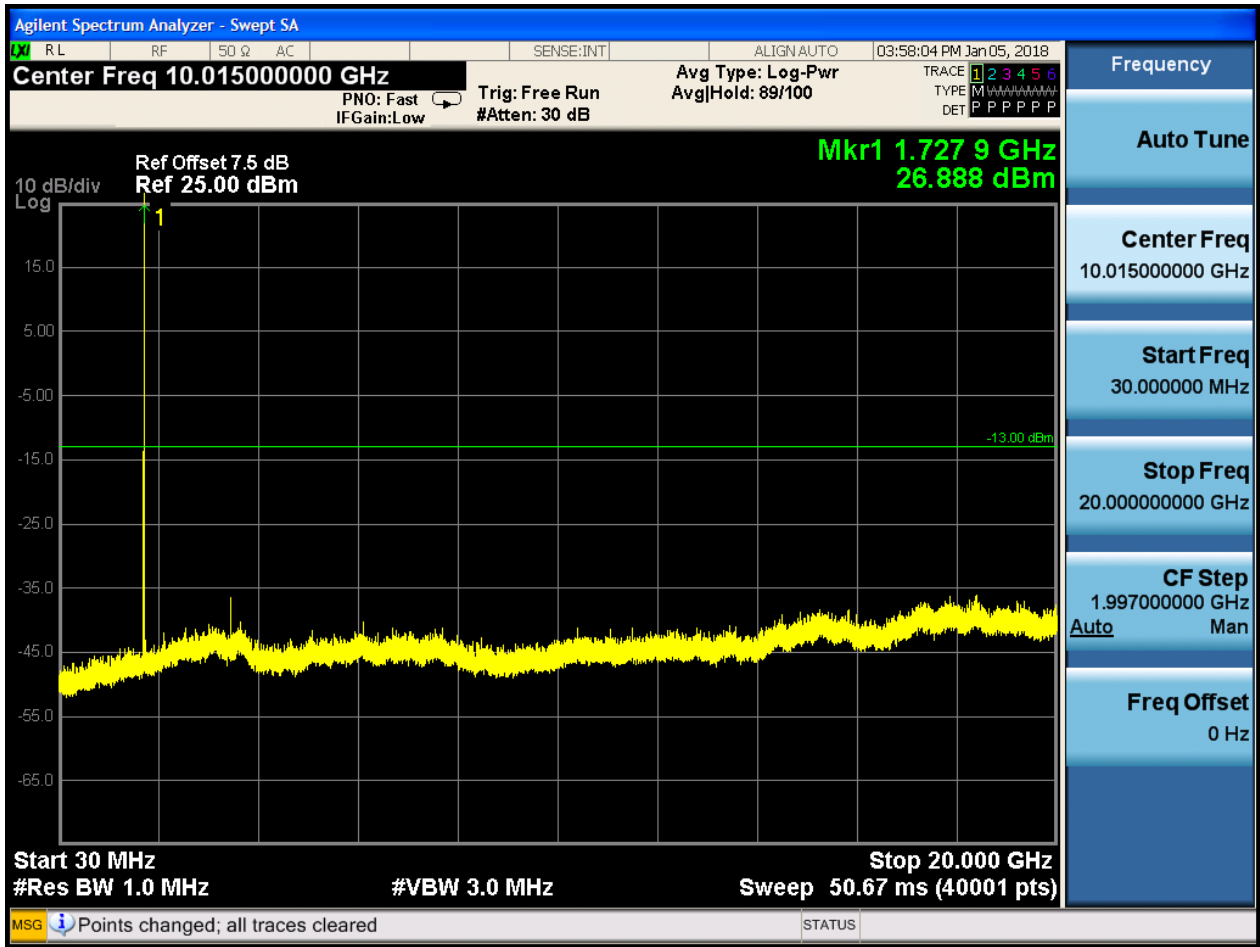


6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0



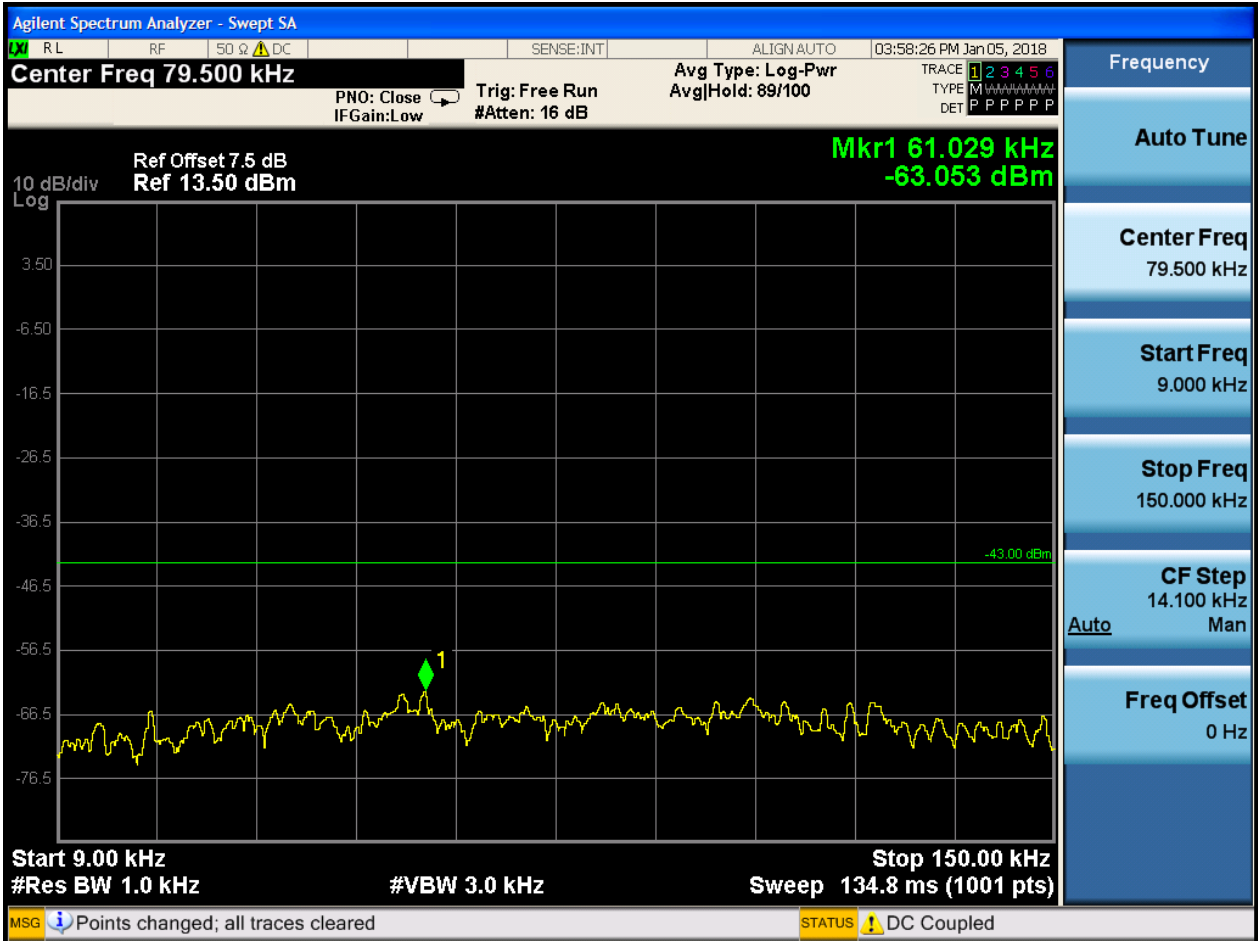


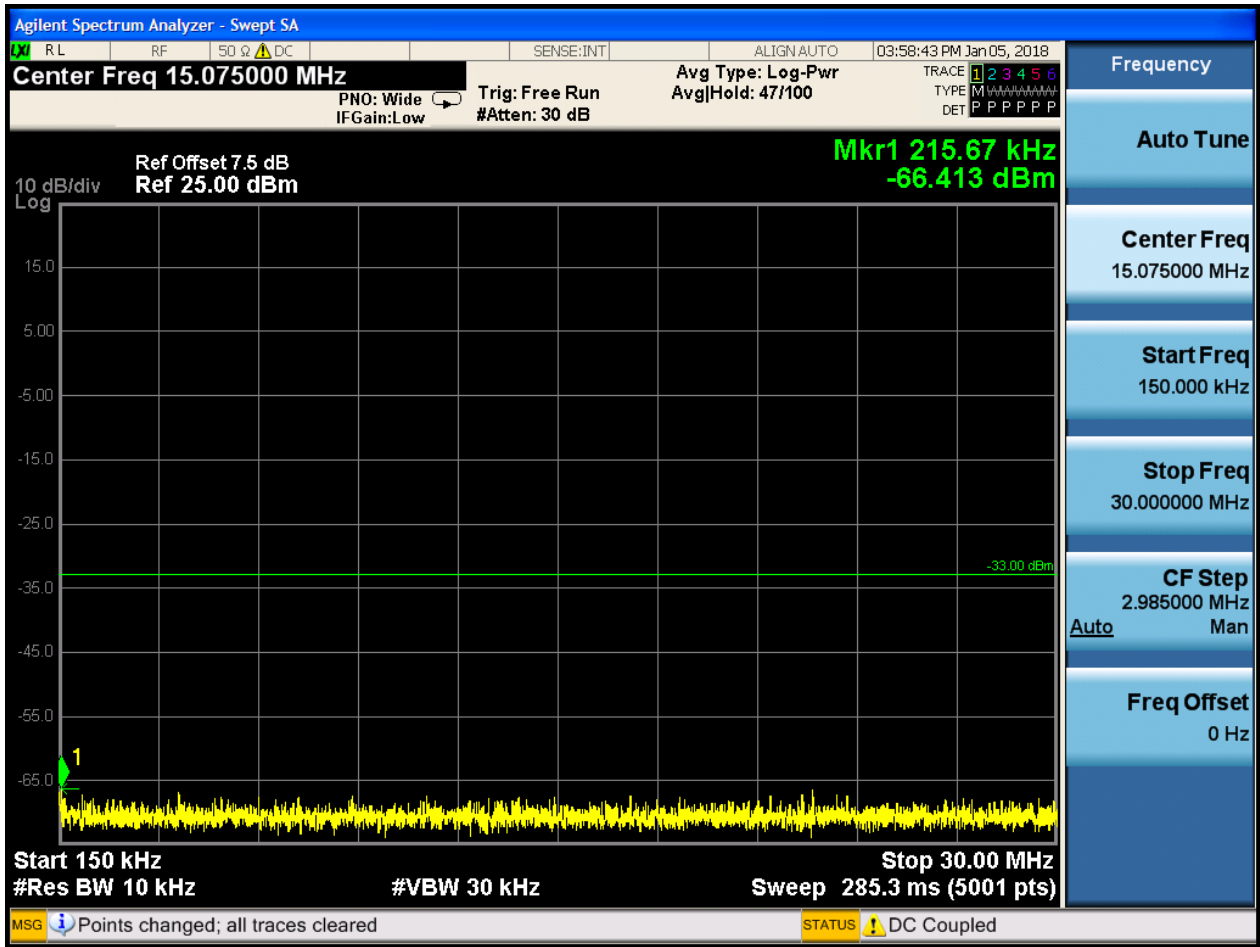


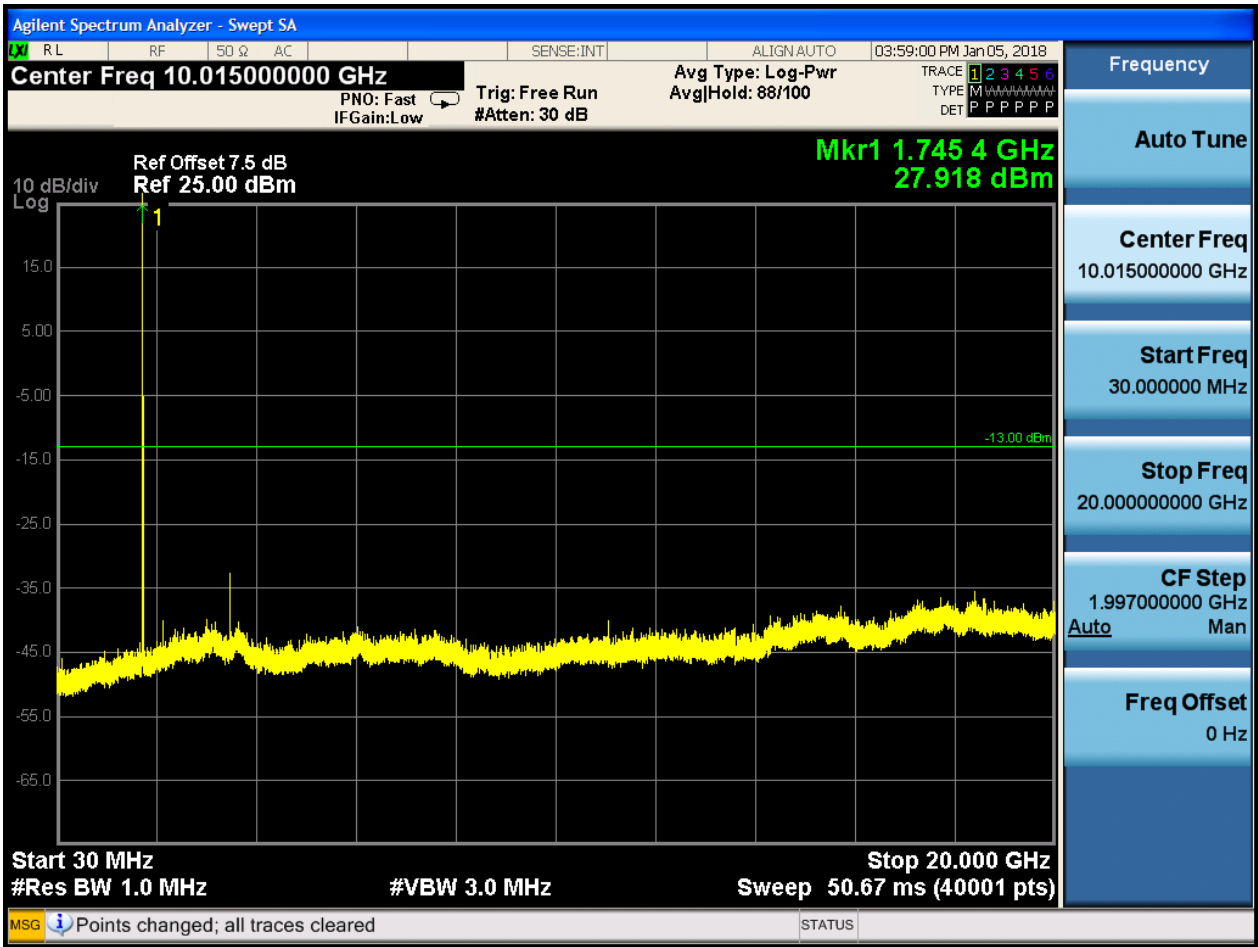


6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0





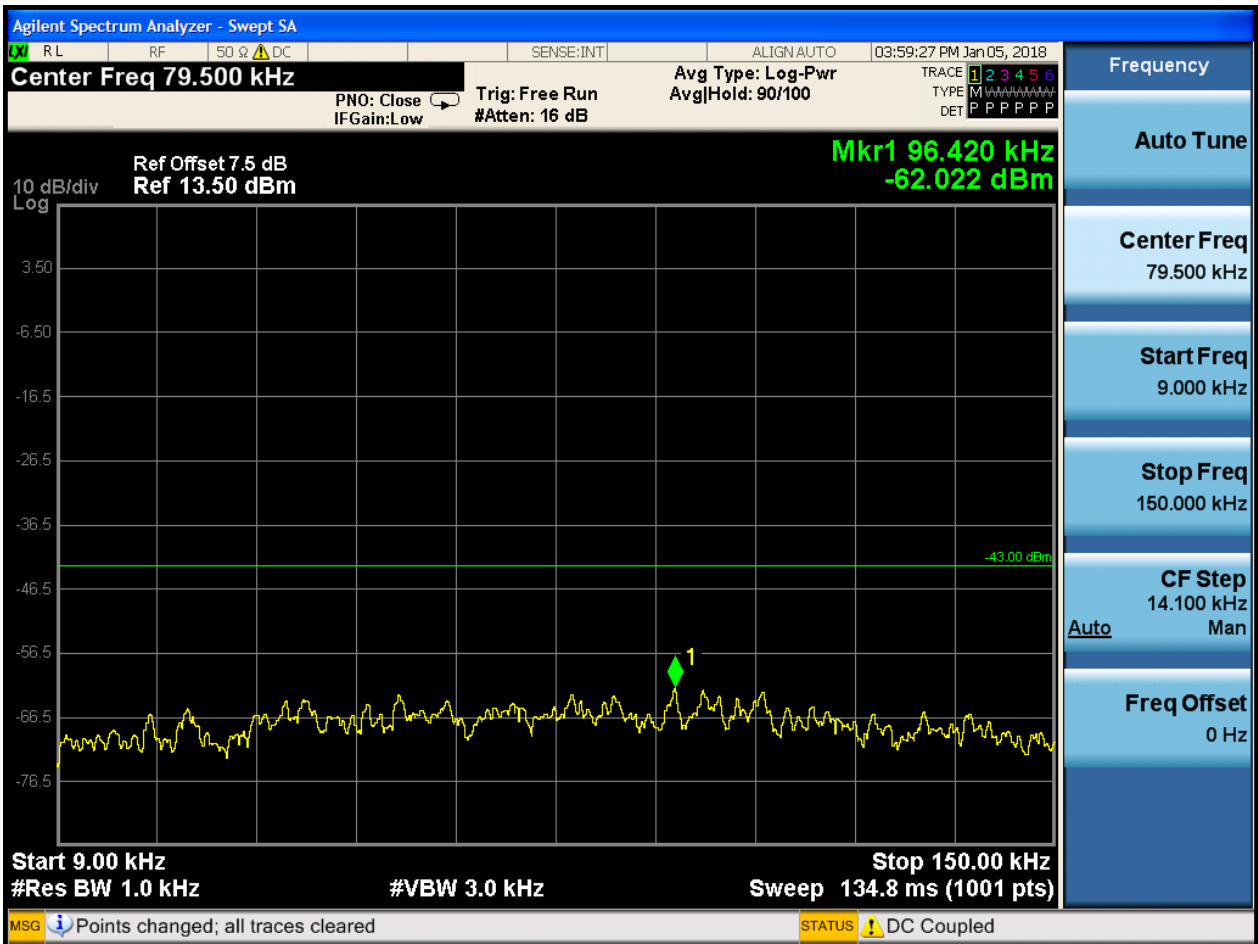


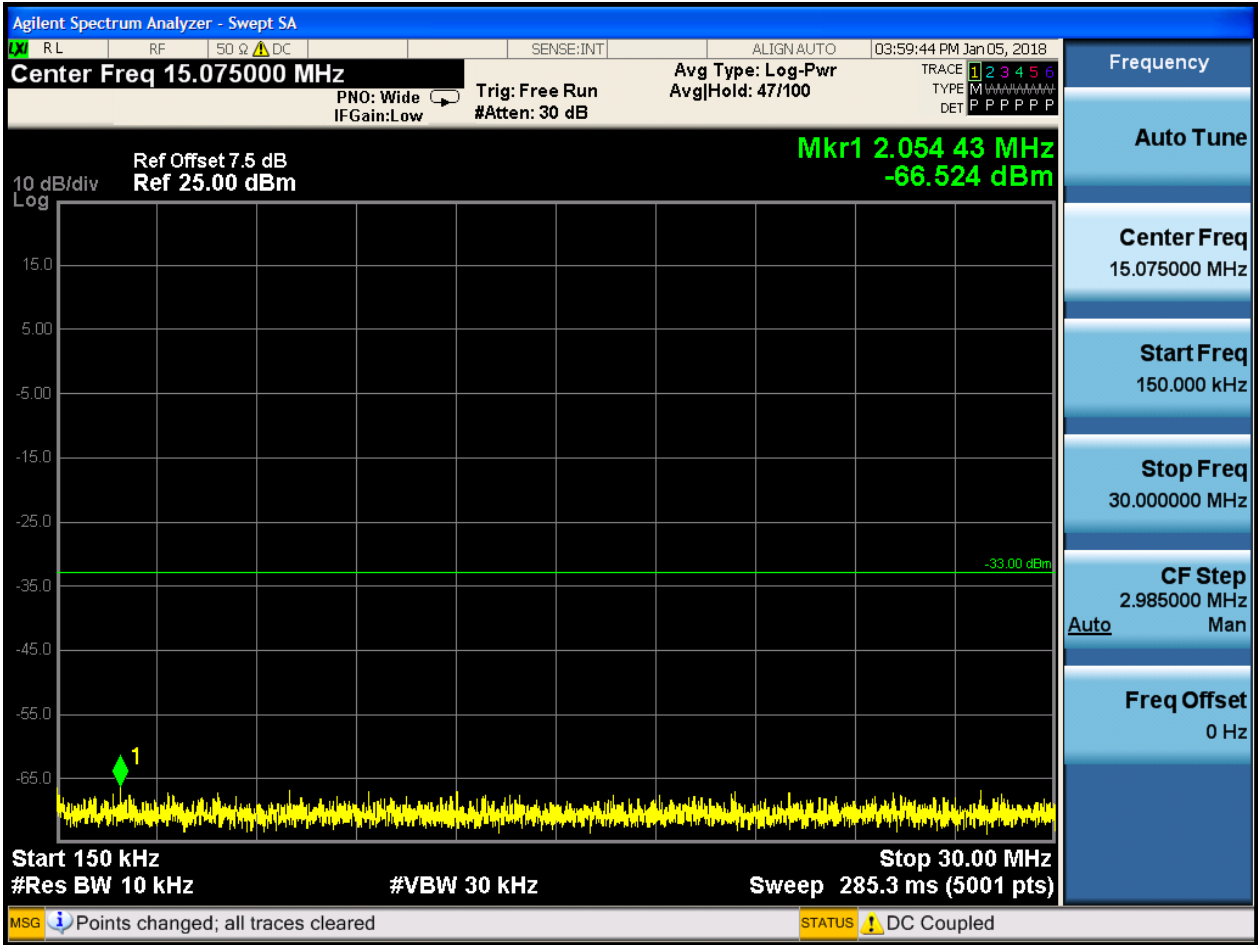


6.1.1.1.5 Test Bandwidth = 15

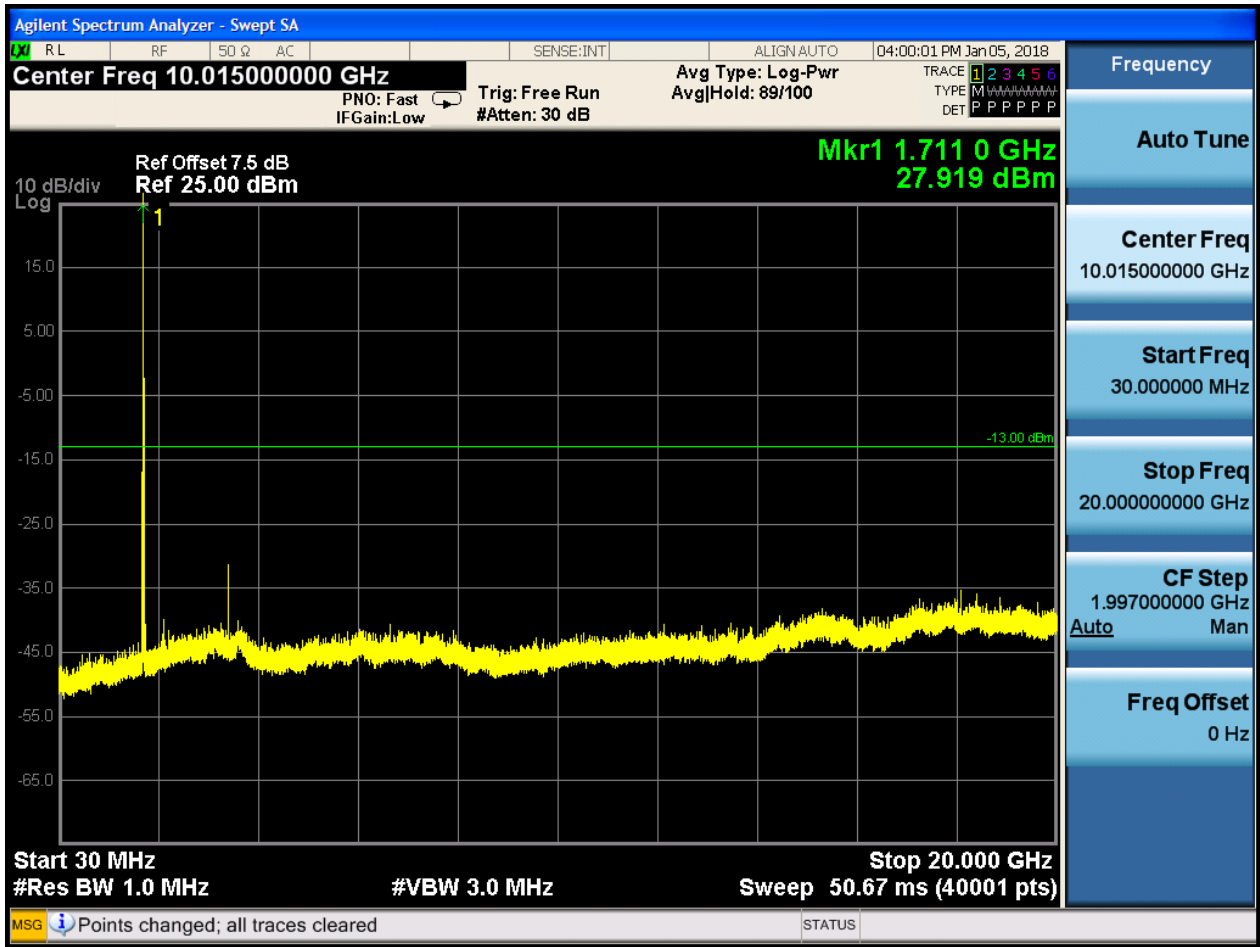
6.1.1.1.5.1 Test Channel = LCH

6.1.1.1.5.1.1 Test RB = RB1#0





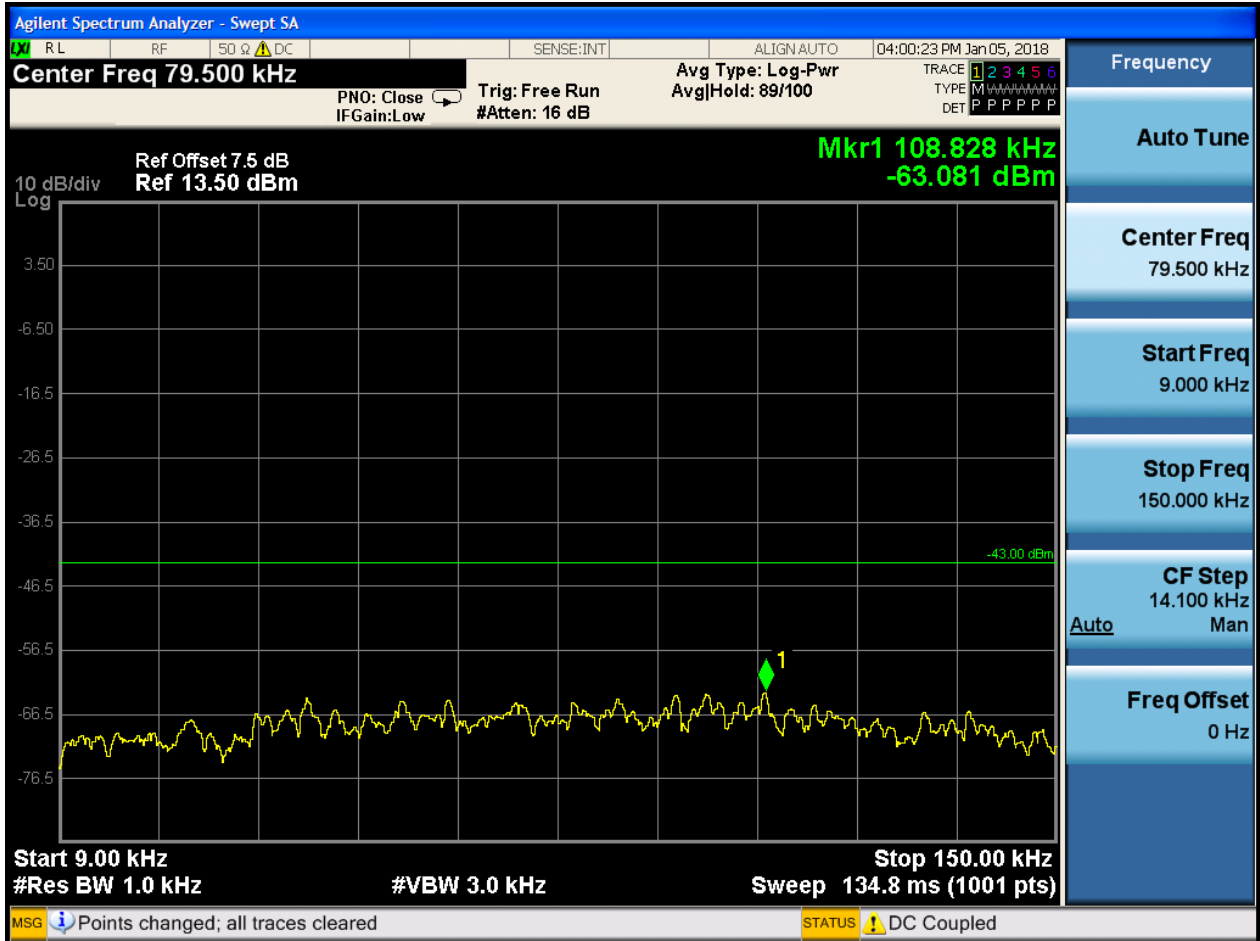


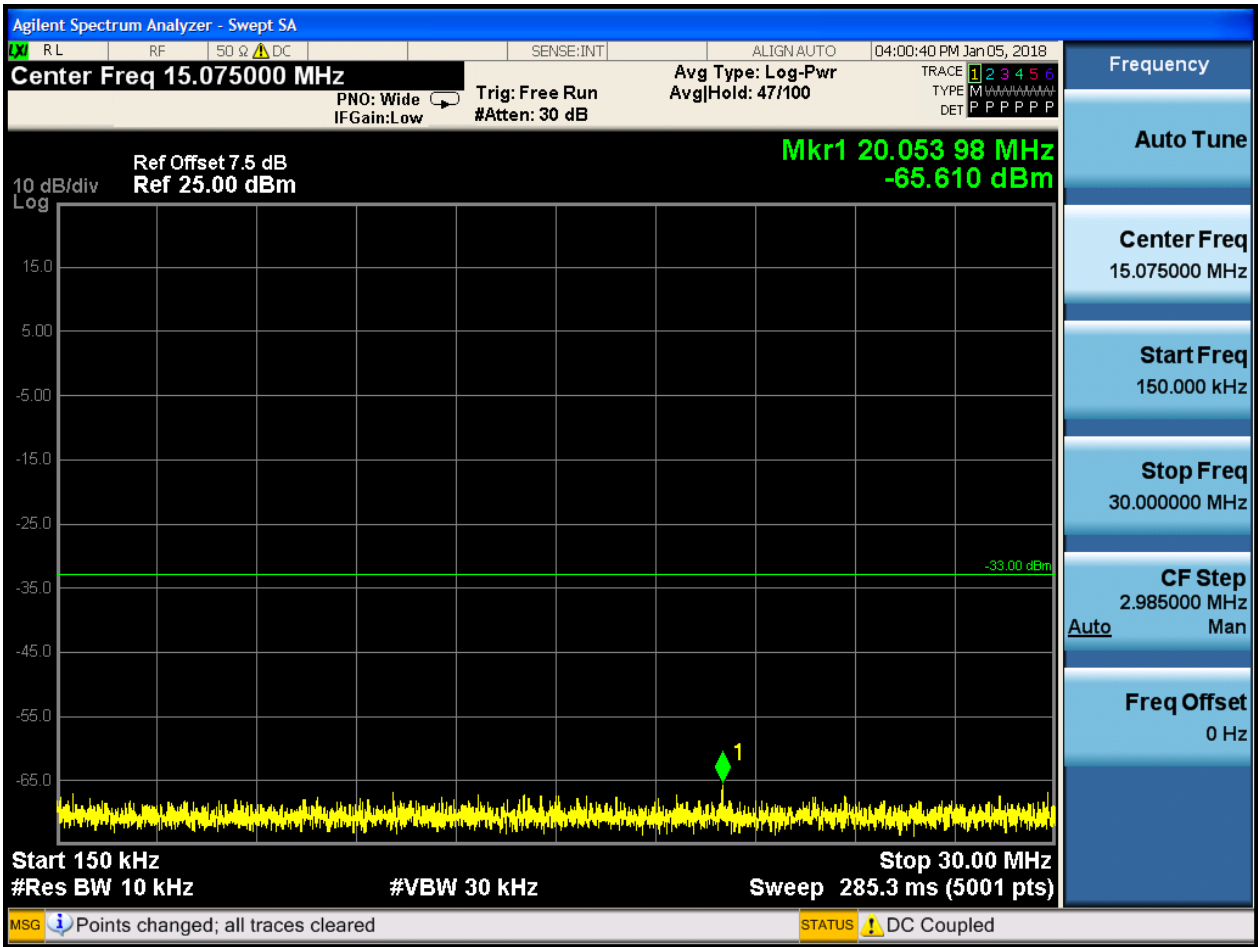


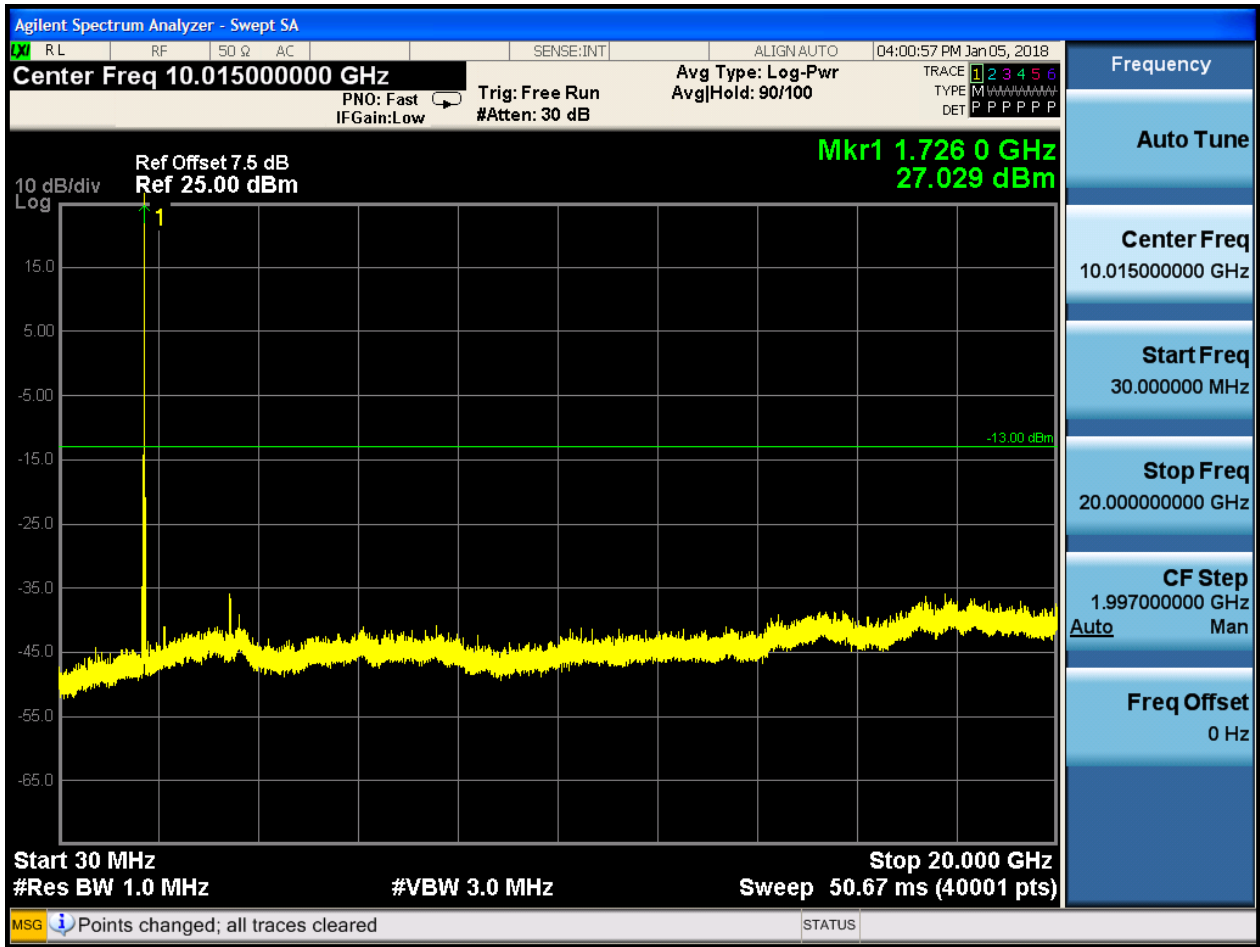


6.1.1.1.5.2 Test Channel = MCH

6.1.1.1.5.2.1 Test RB = RB1#0



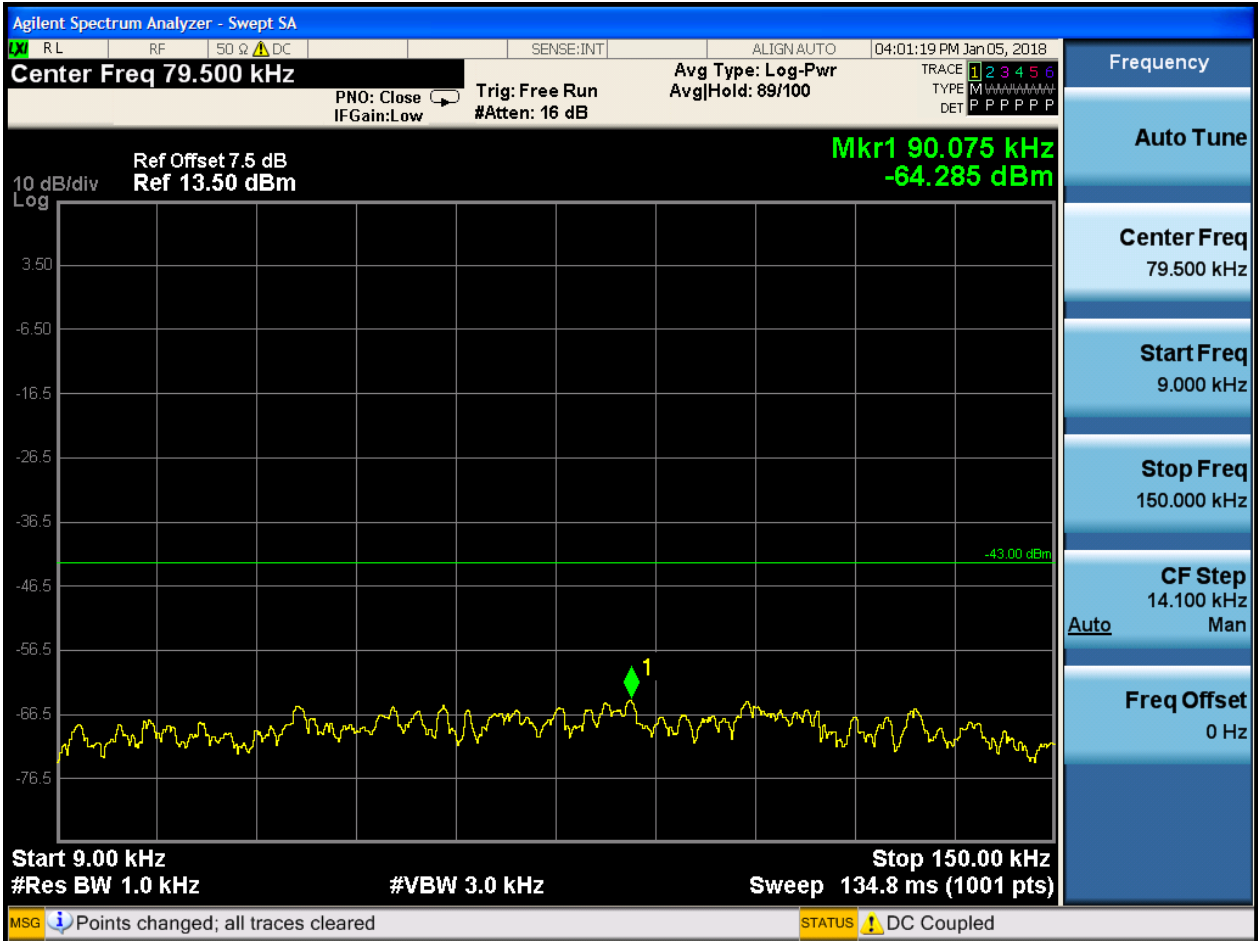


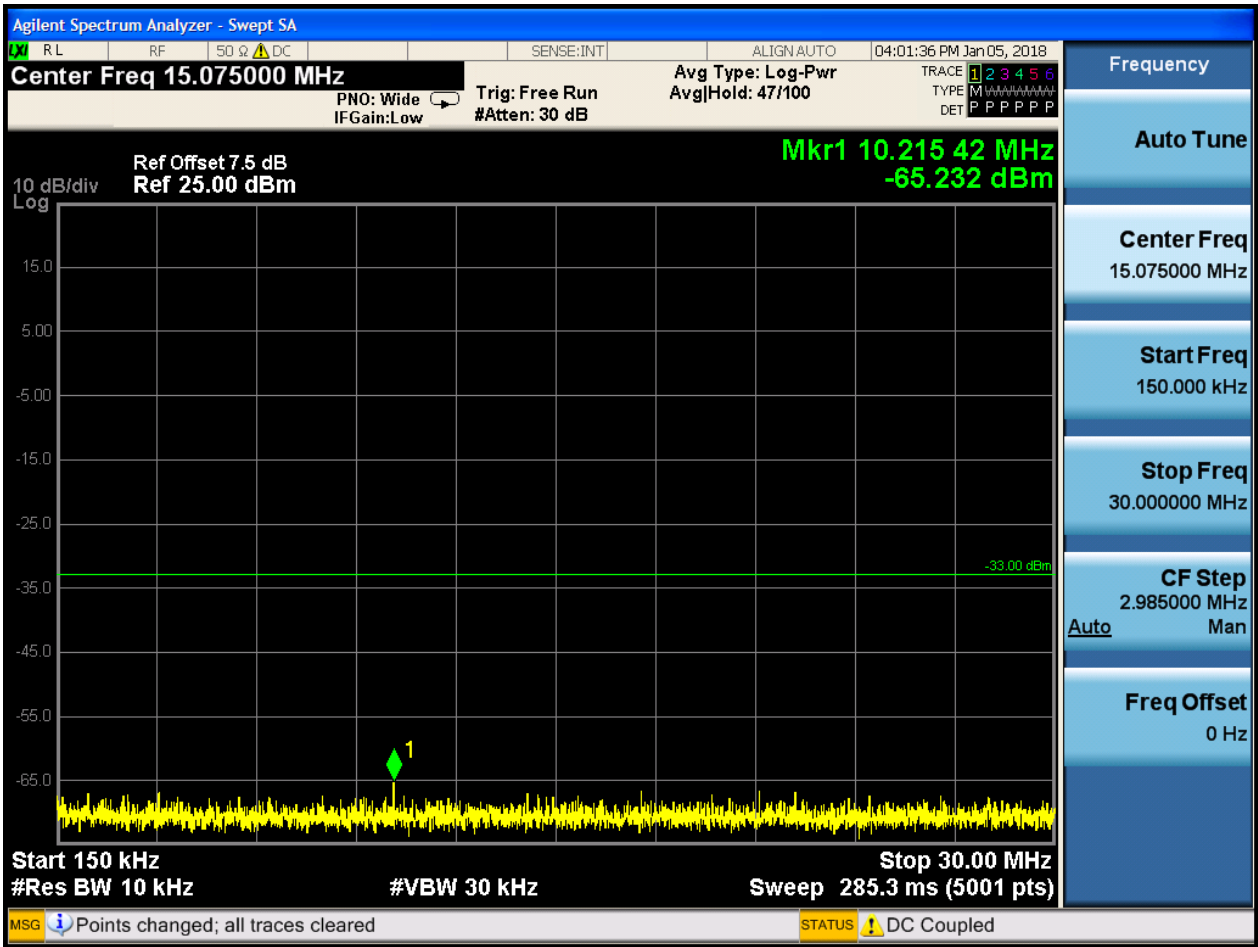


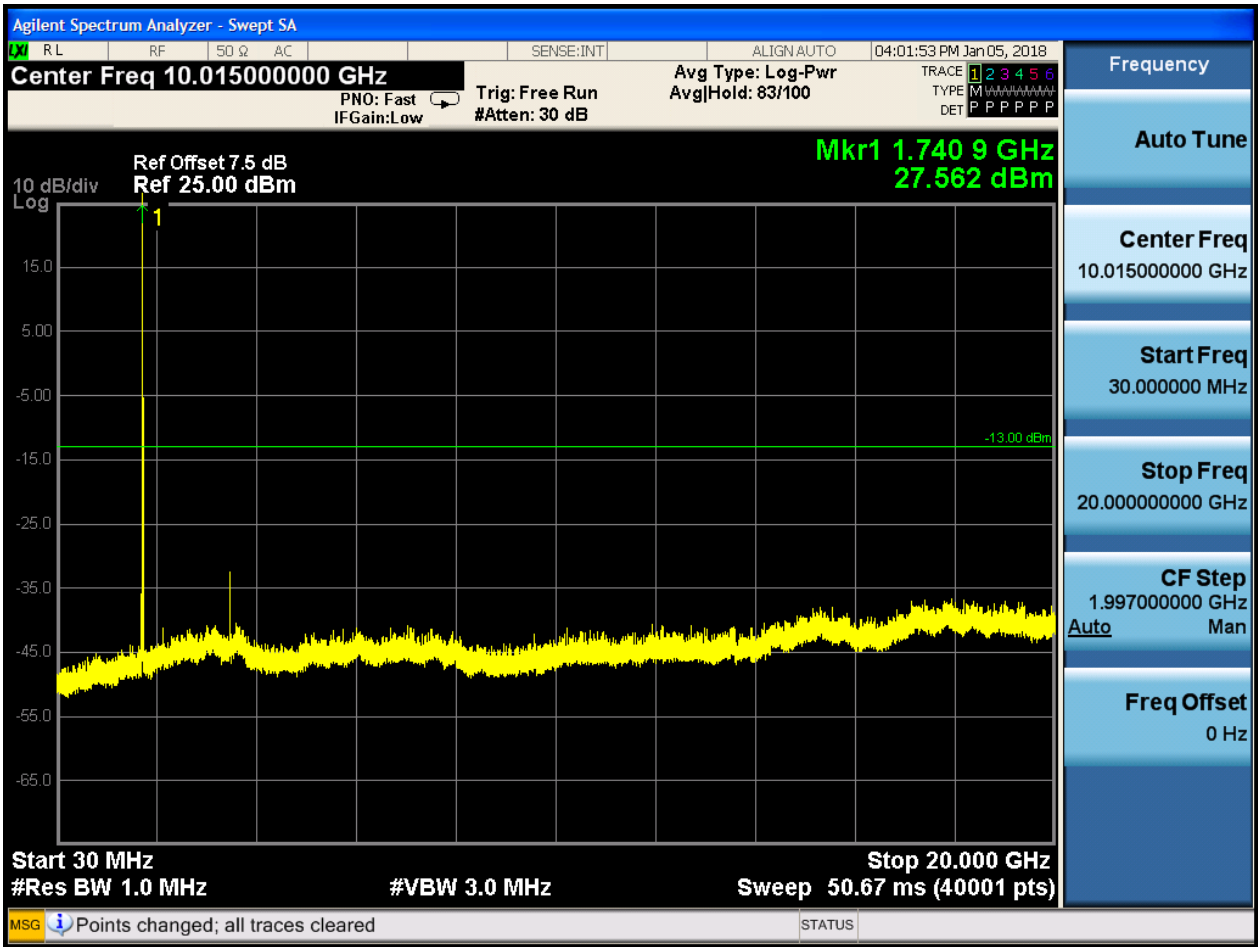


6.1.1.1.5.3 Test Channel = HCH

6.1.1.1.5.3.1 Test RB = RB1#0





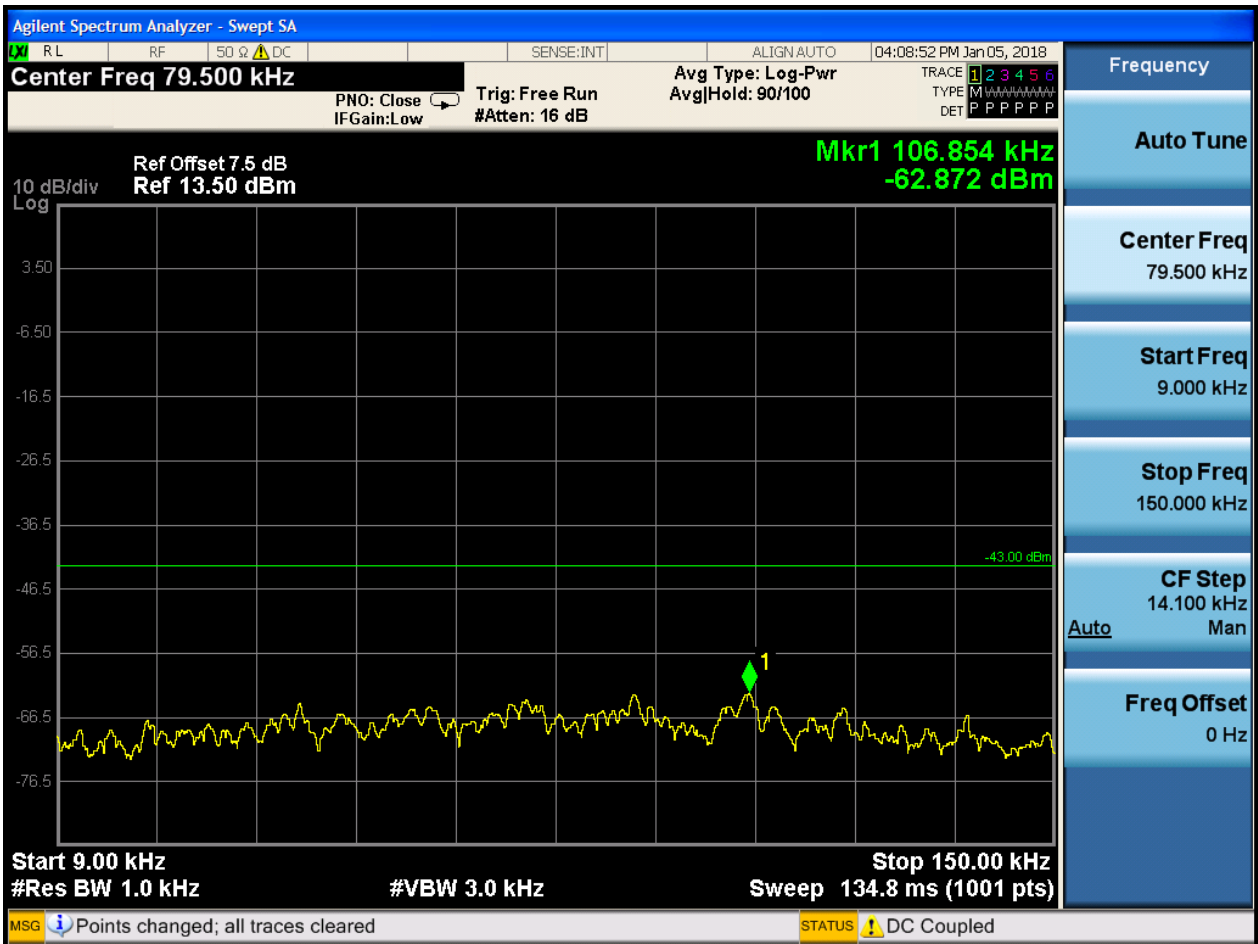




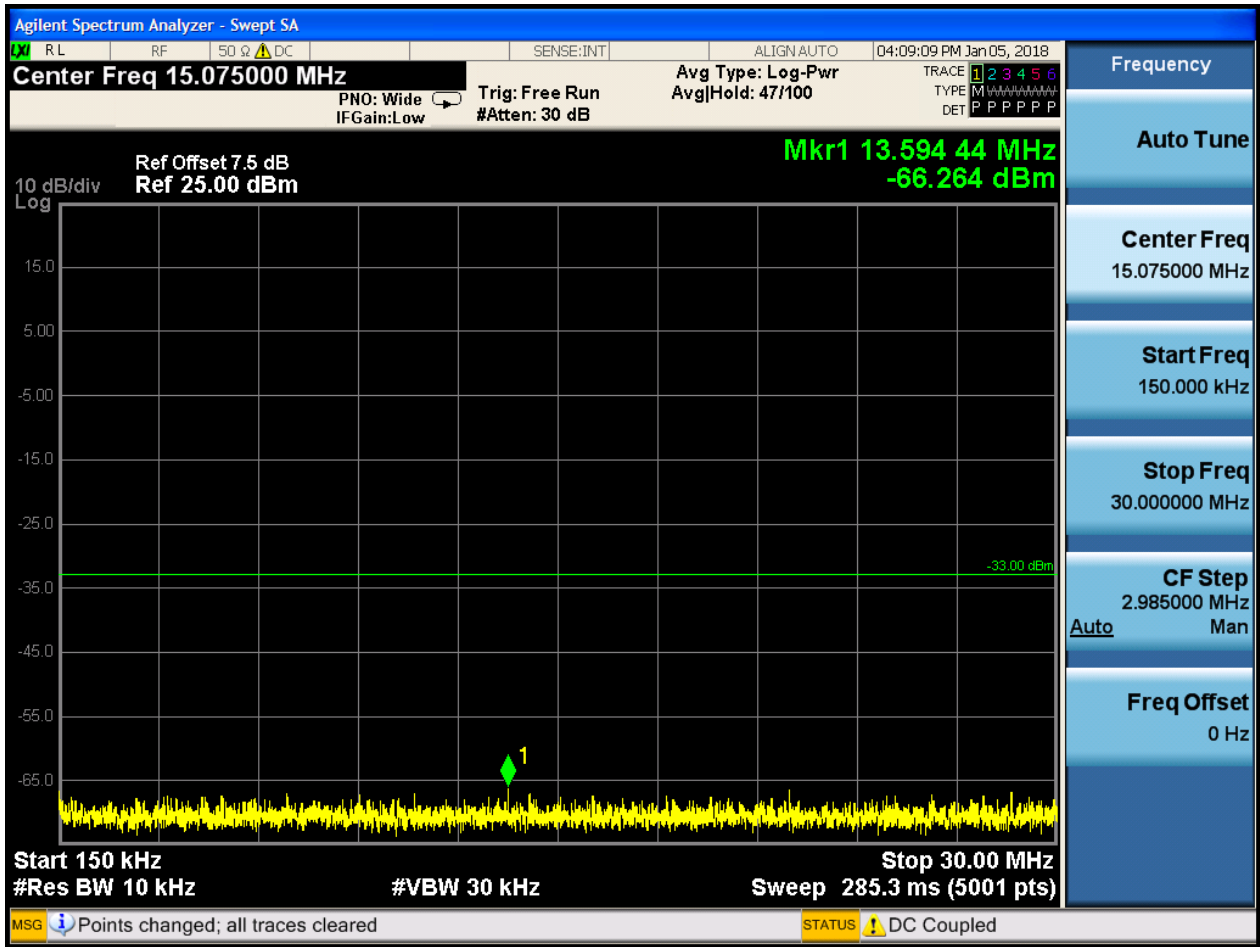
6.1.1.1.6 Test Bandwidth = 20

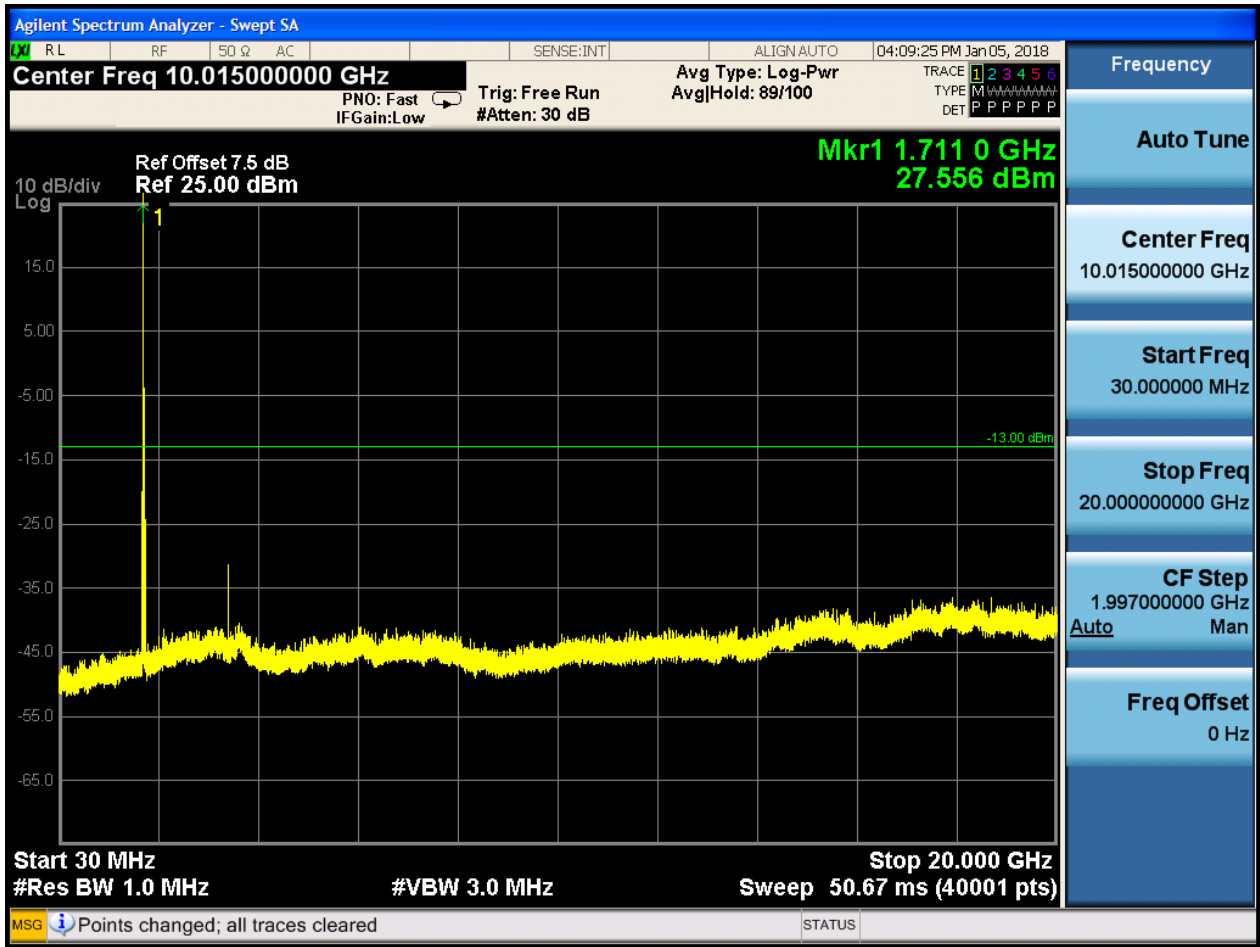
6.1.1.1.6.1 Test Channel = LCH

6.1.1.1.6.1.1 Test RB = RB1#0





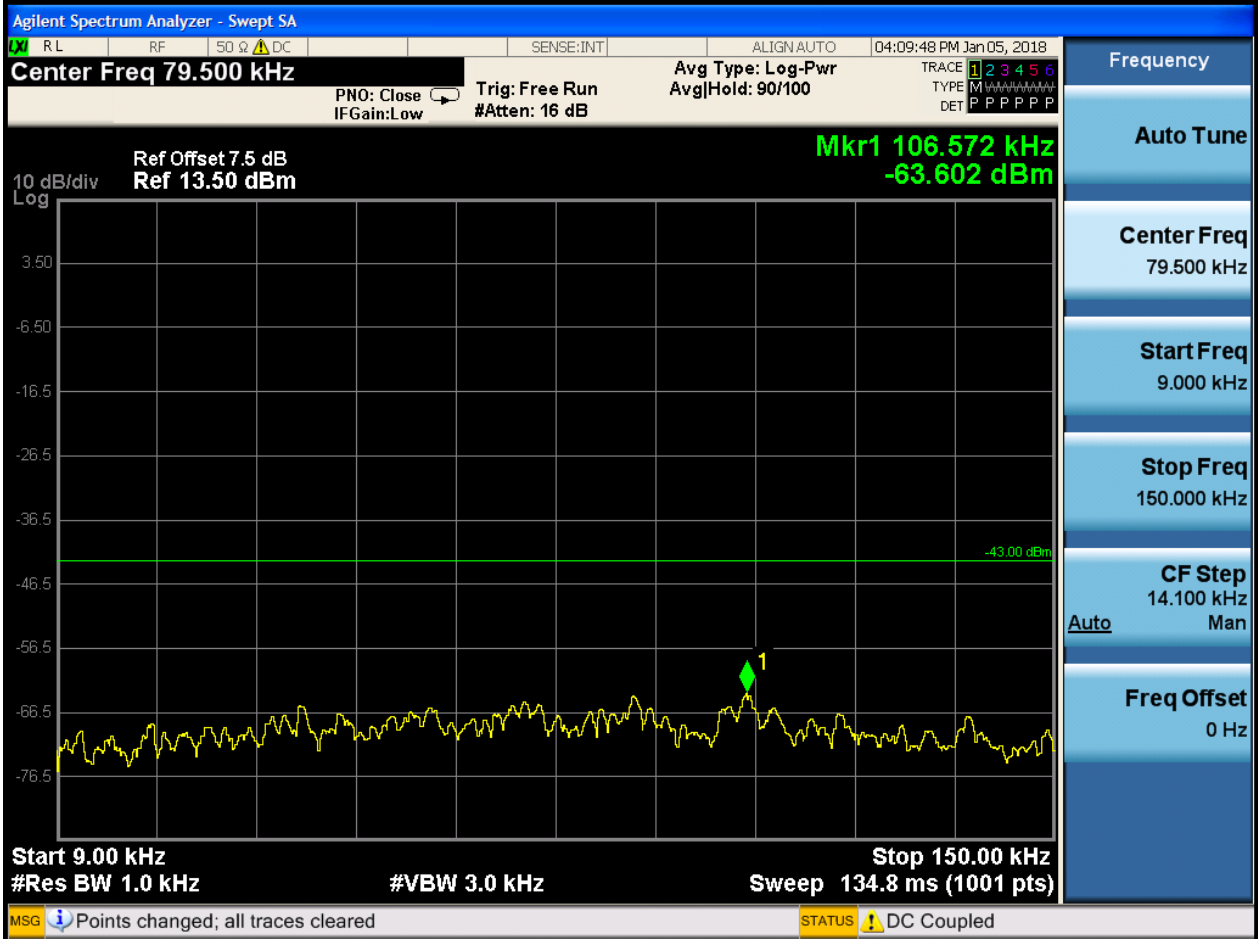


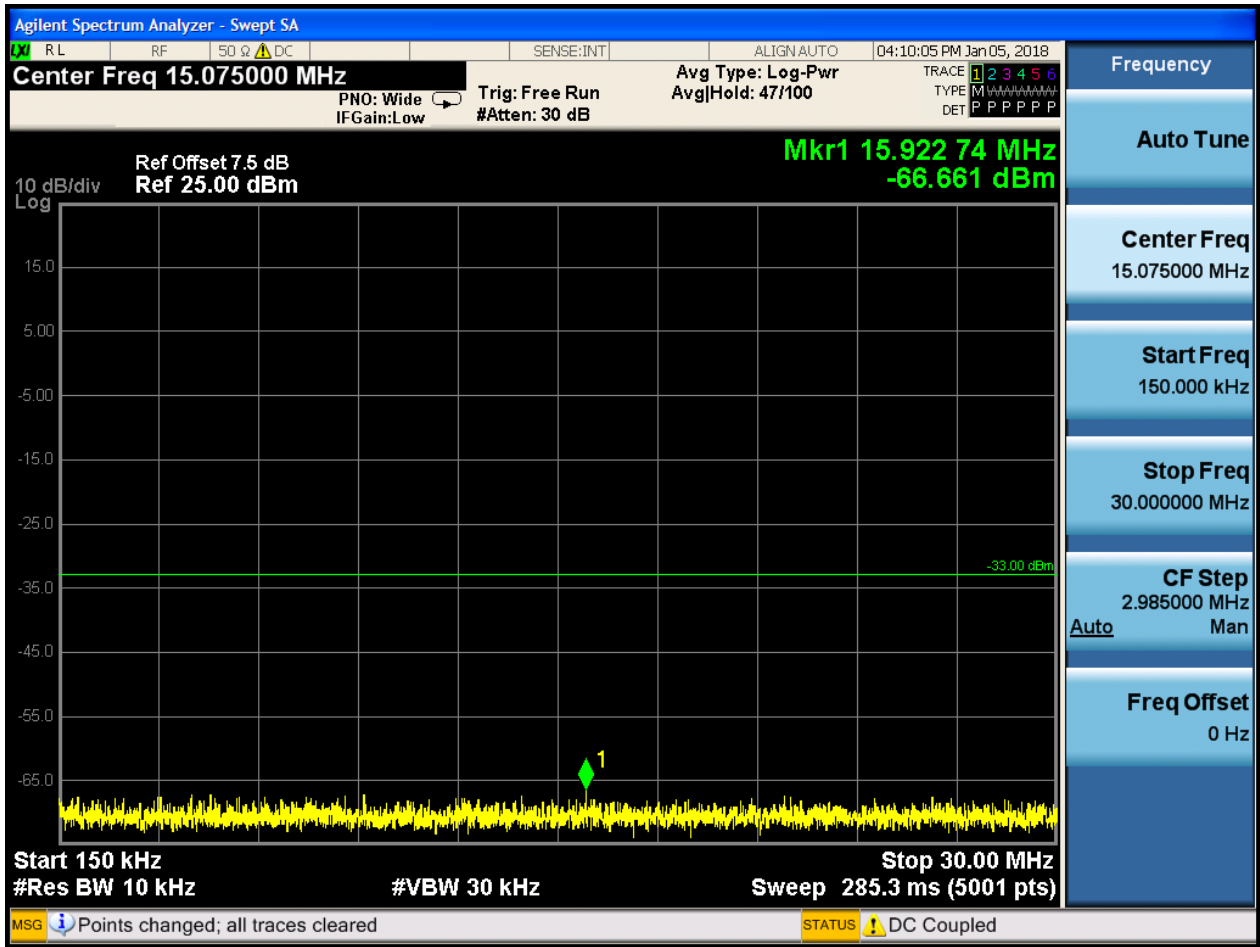


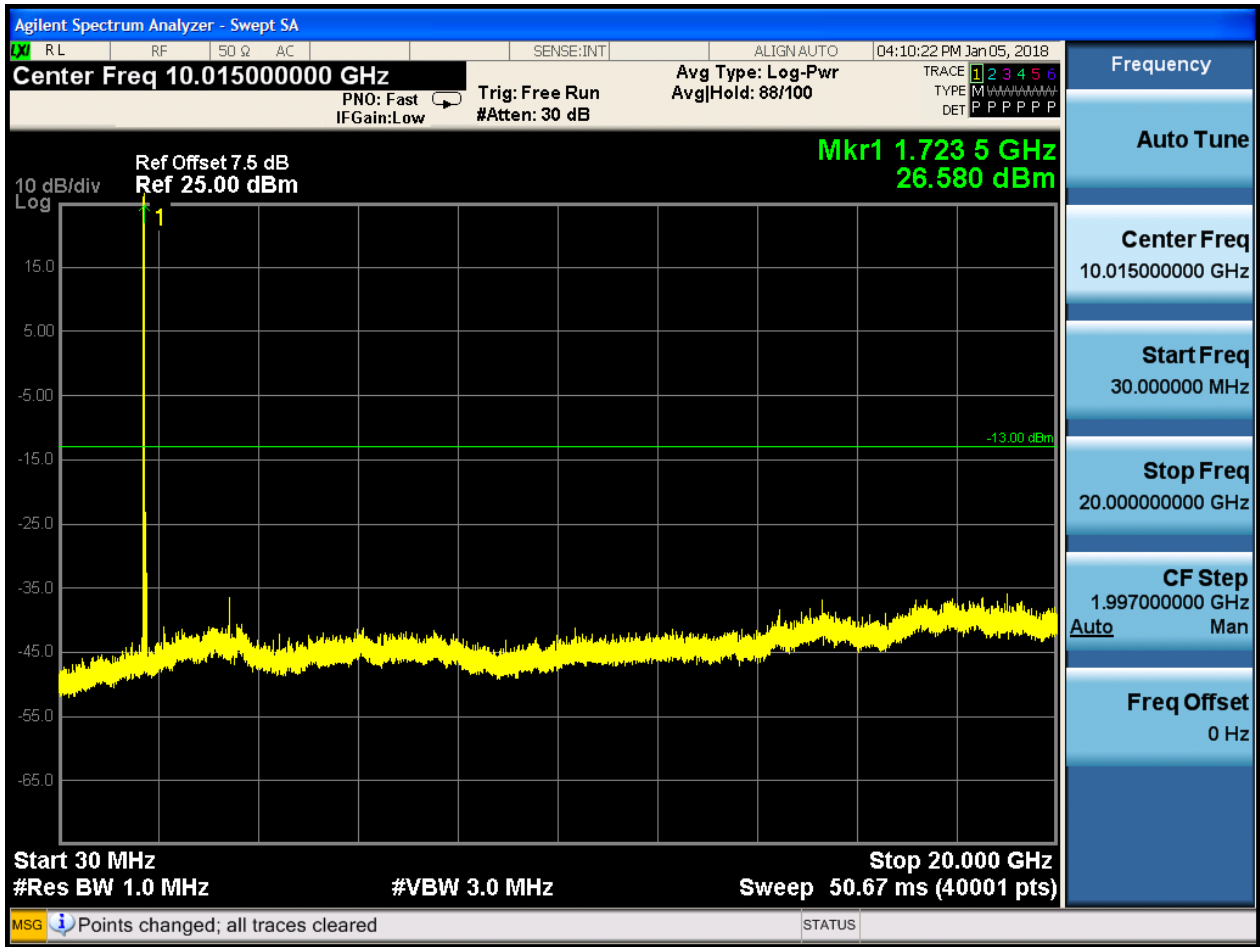


6.1.1.1.6.2 Test Channel = MCH

6.1.1.1.6.2.1 Test RB = RB1#0



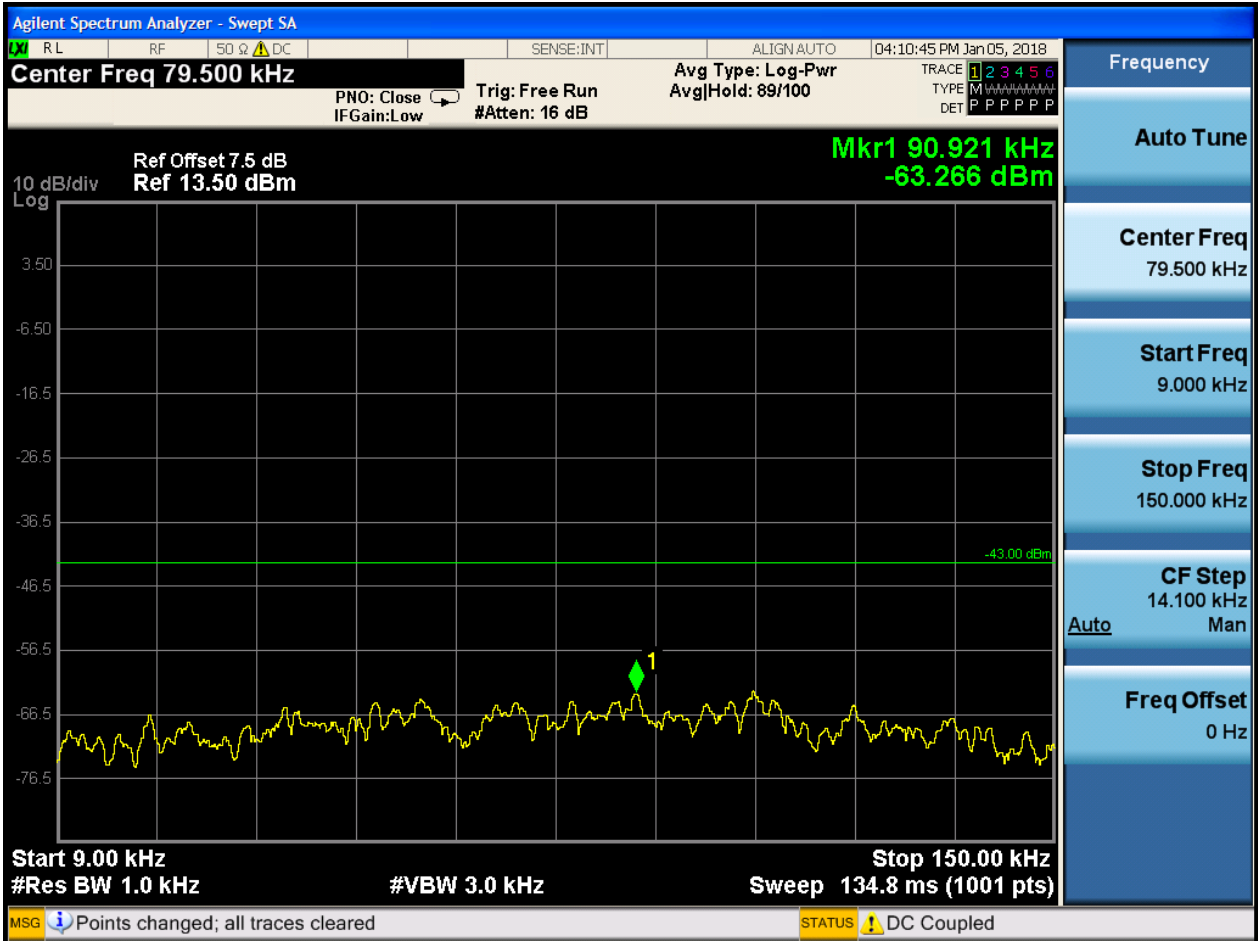


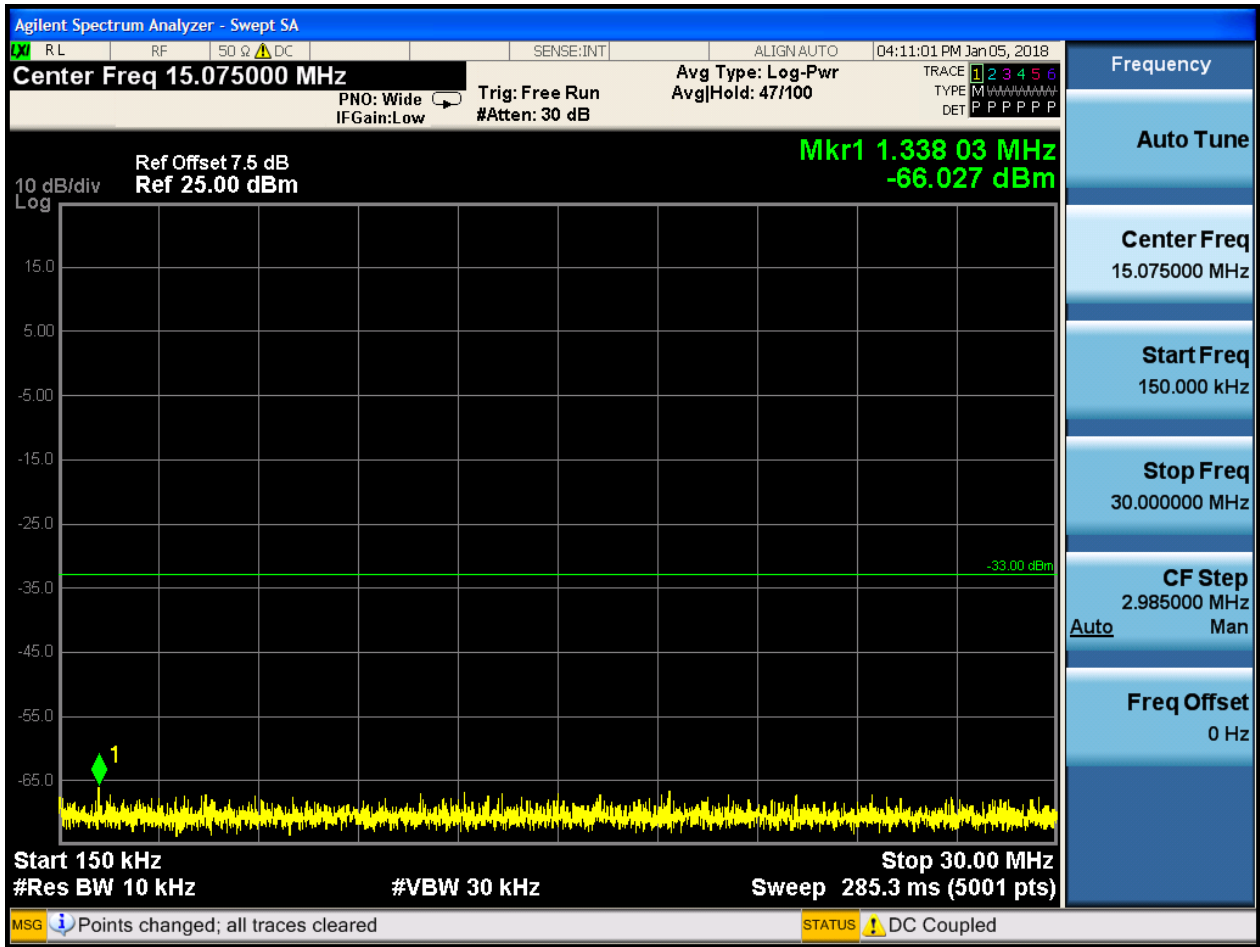


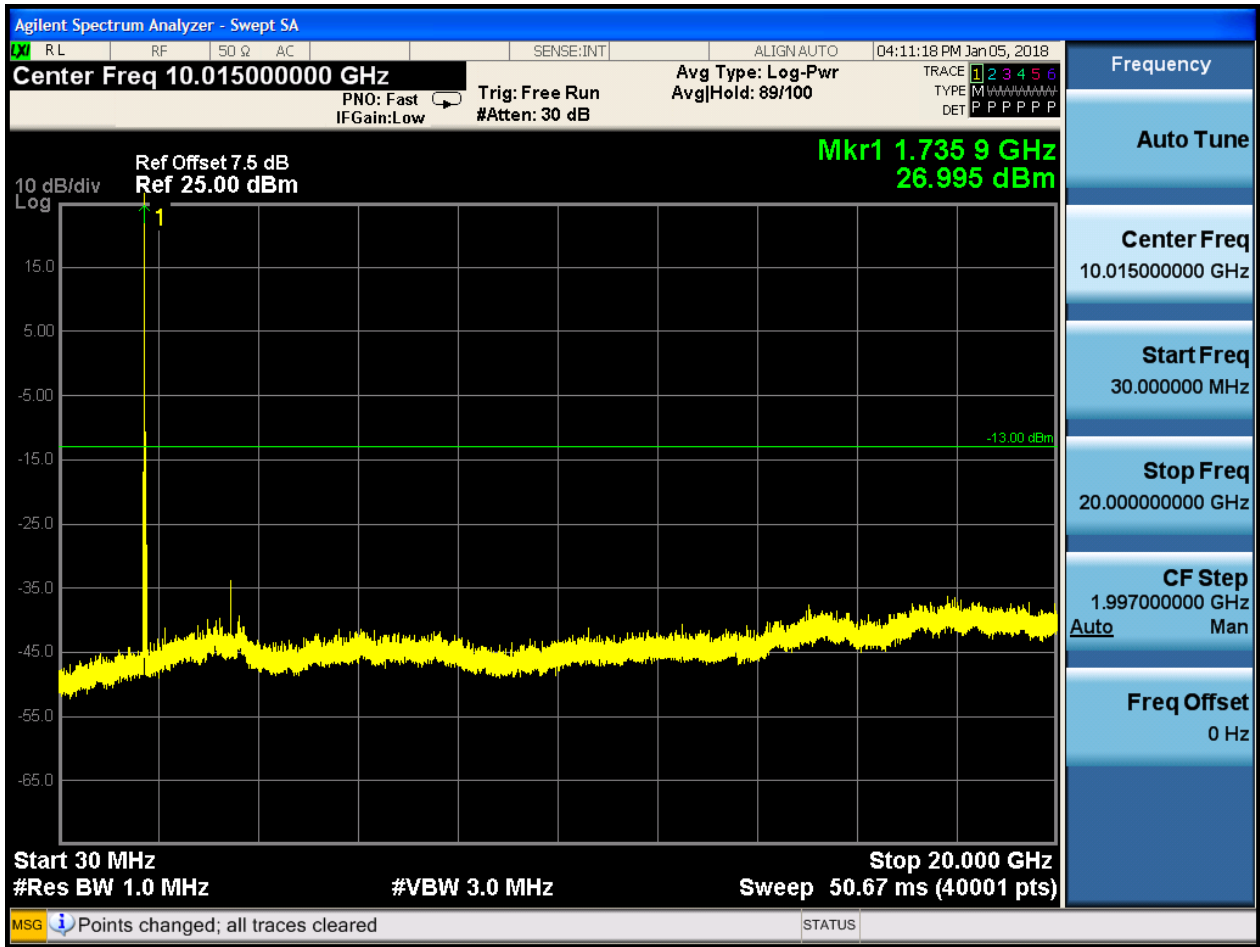


6.1.1.1.6.3 Test Channel = HCH

6.1.1.1.6.3.1 Test RB = RB1#0









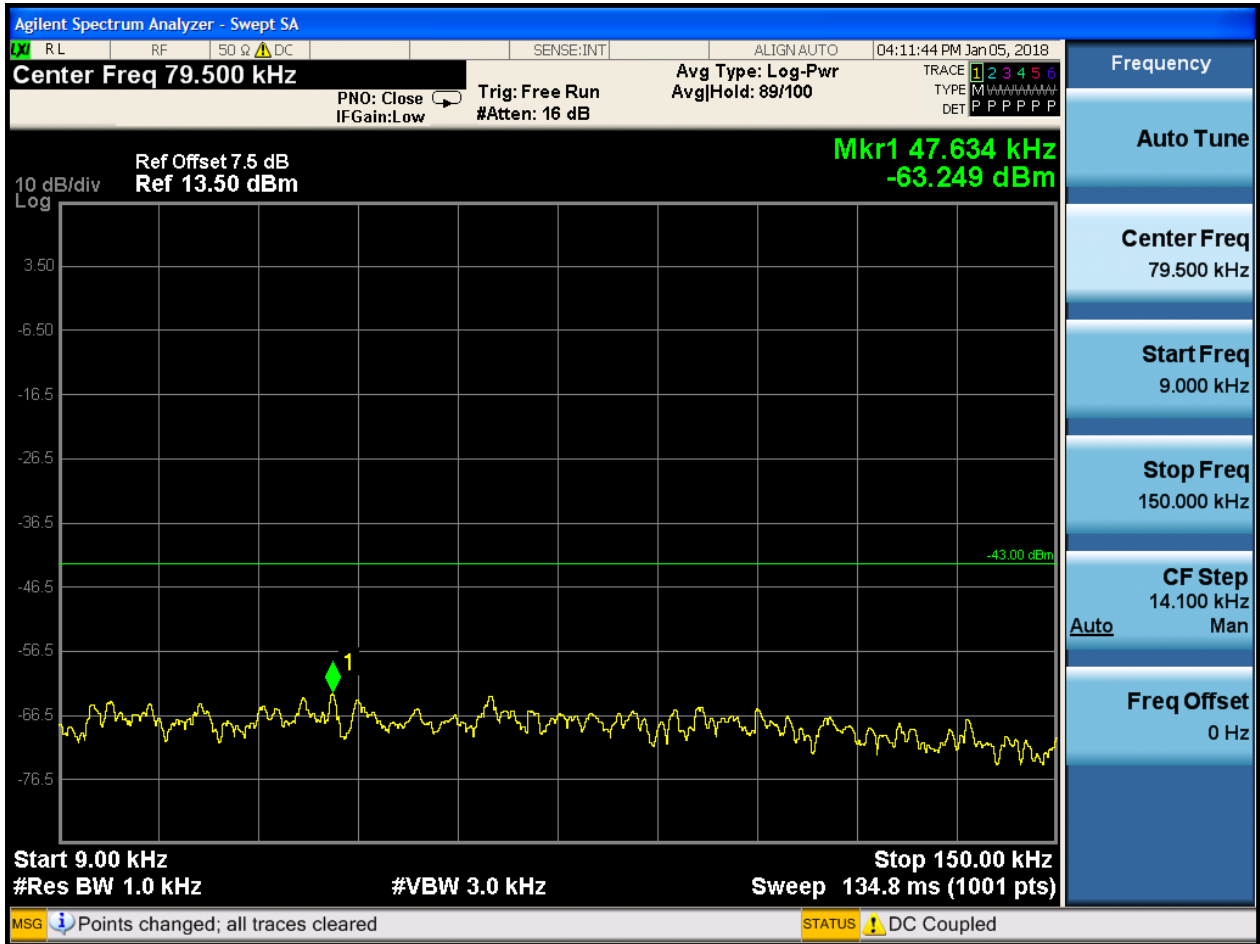


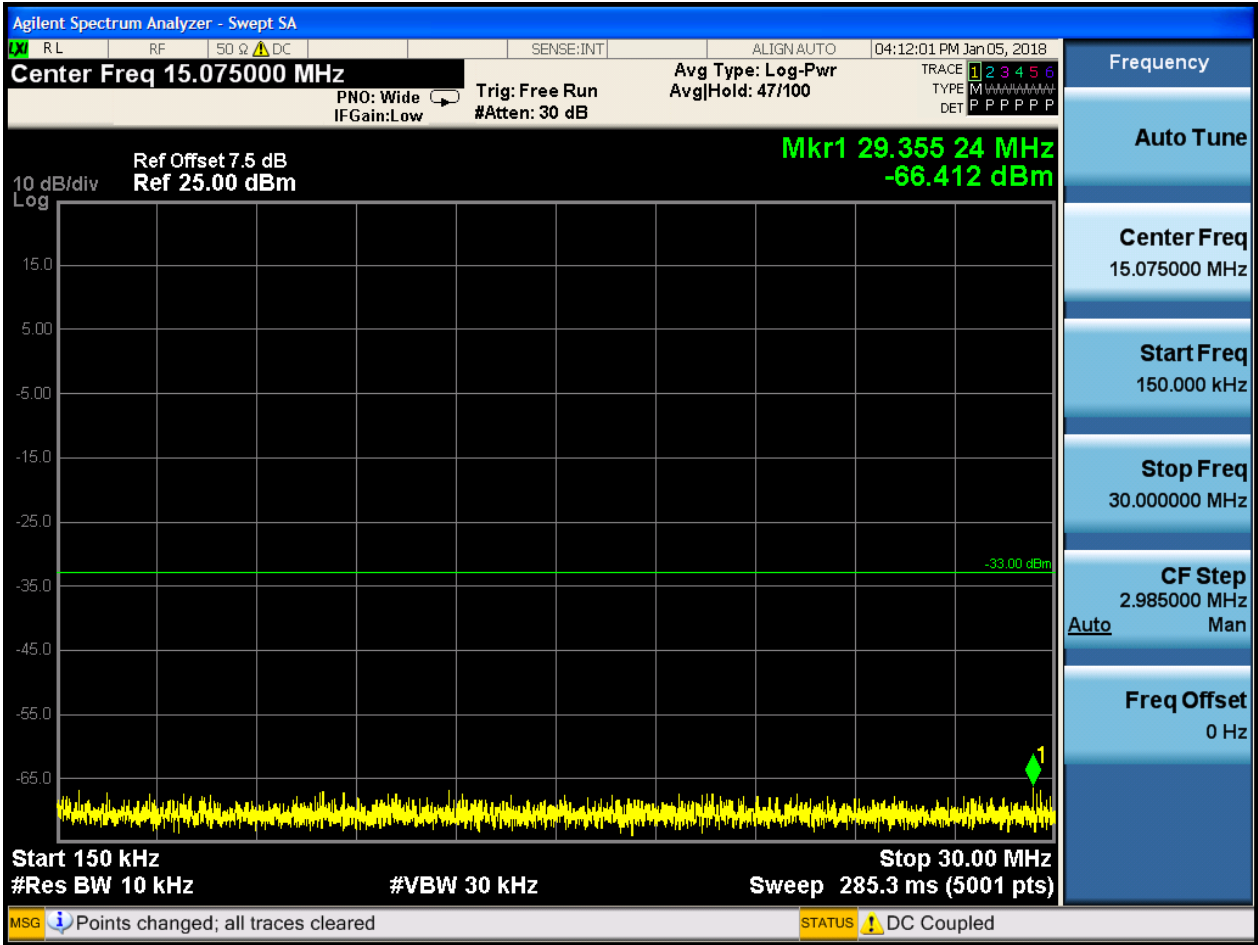
6.1.1.2 Test Mode = LTE/TM2

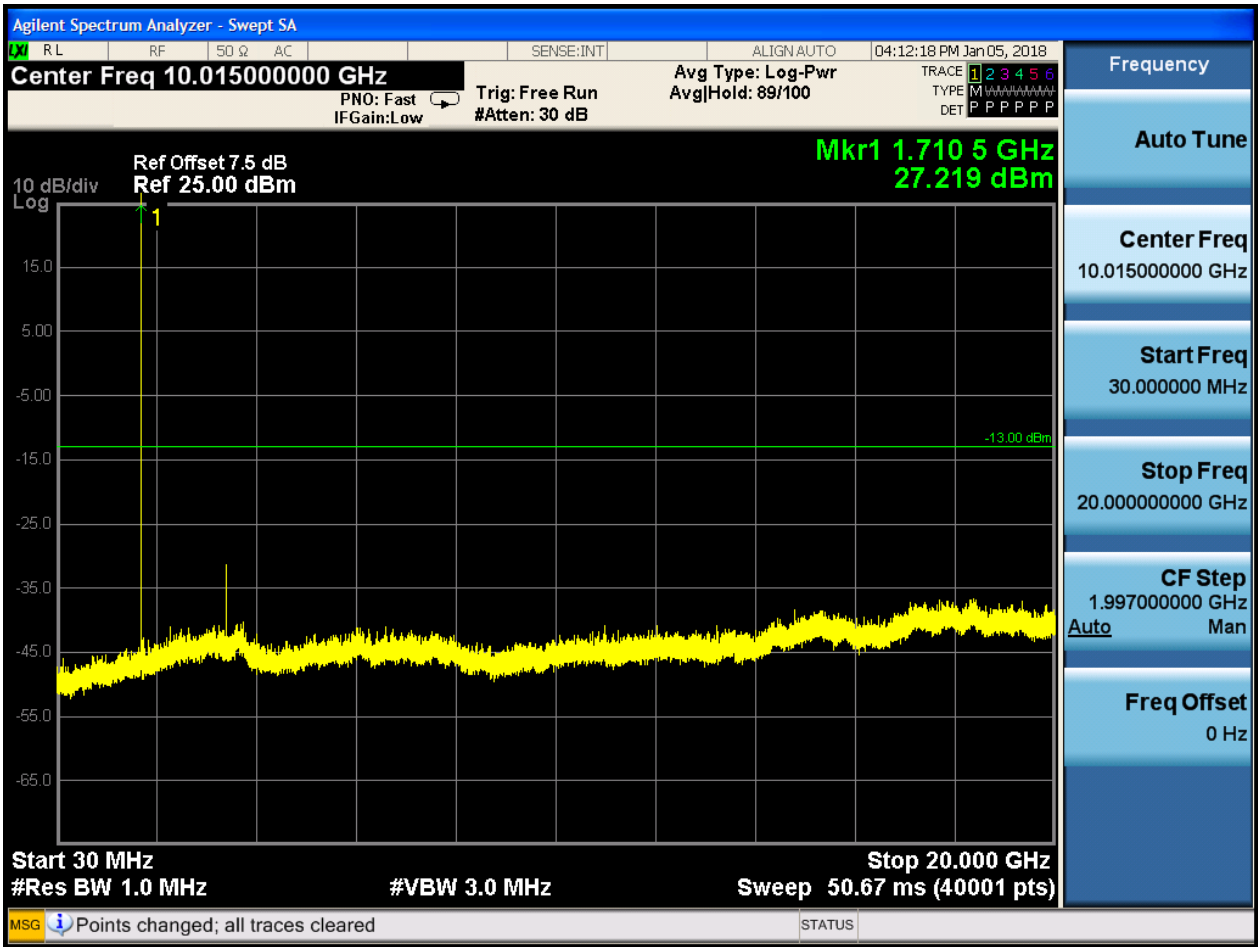
6.1.1.2.1 Test Bandwidth = 1.4

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0



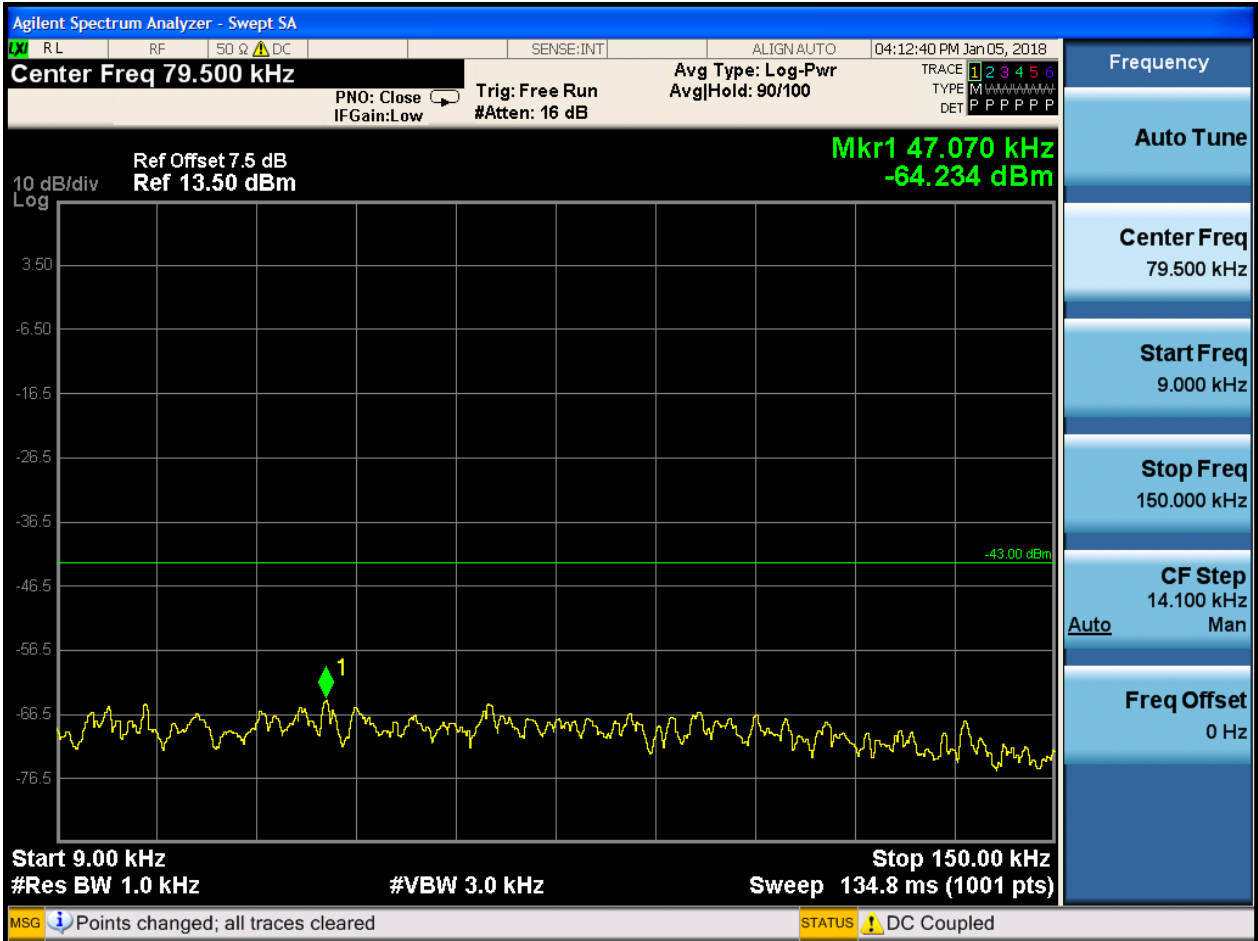


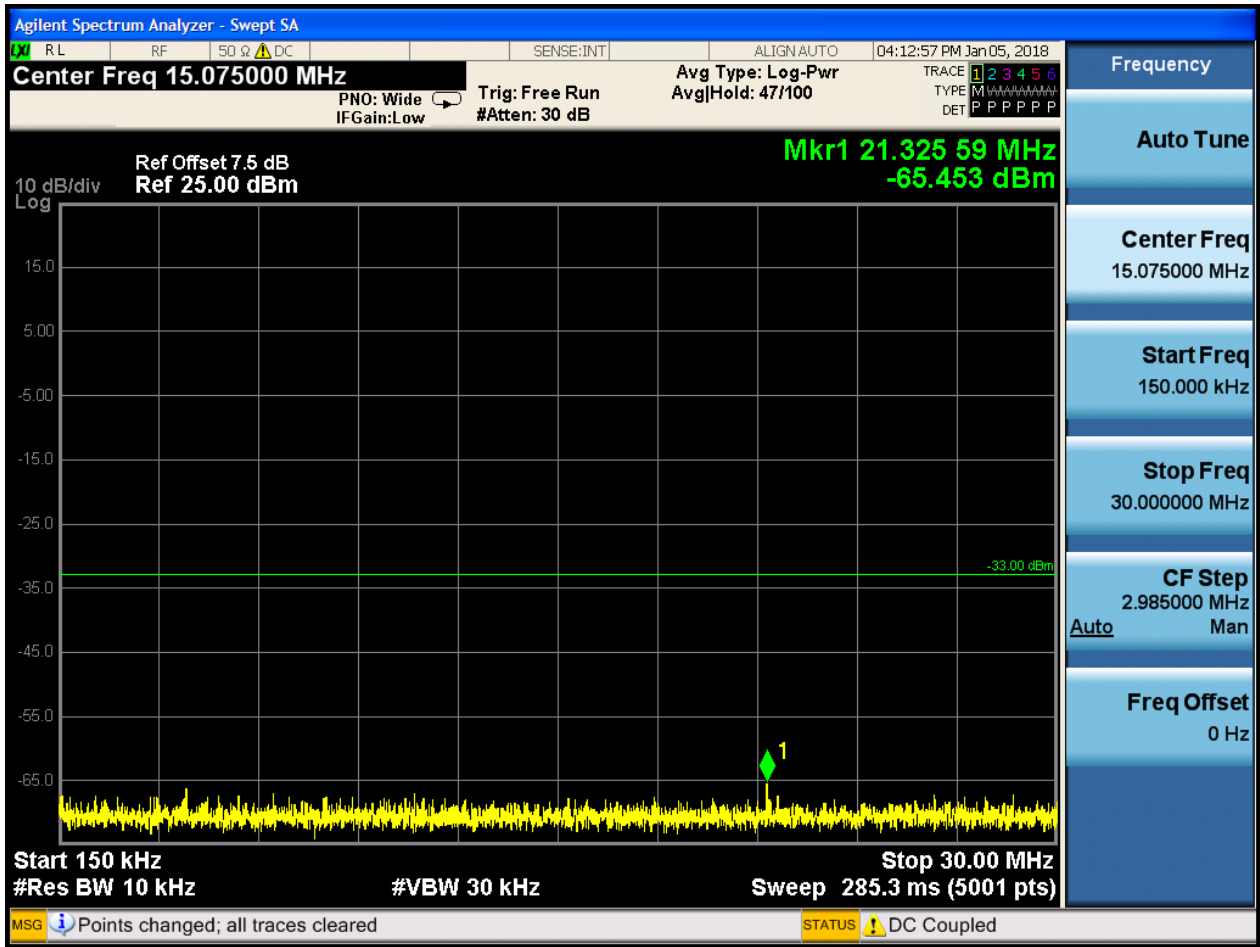


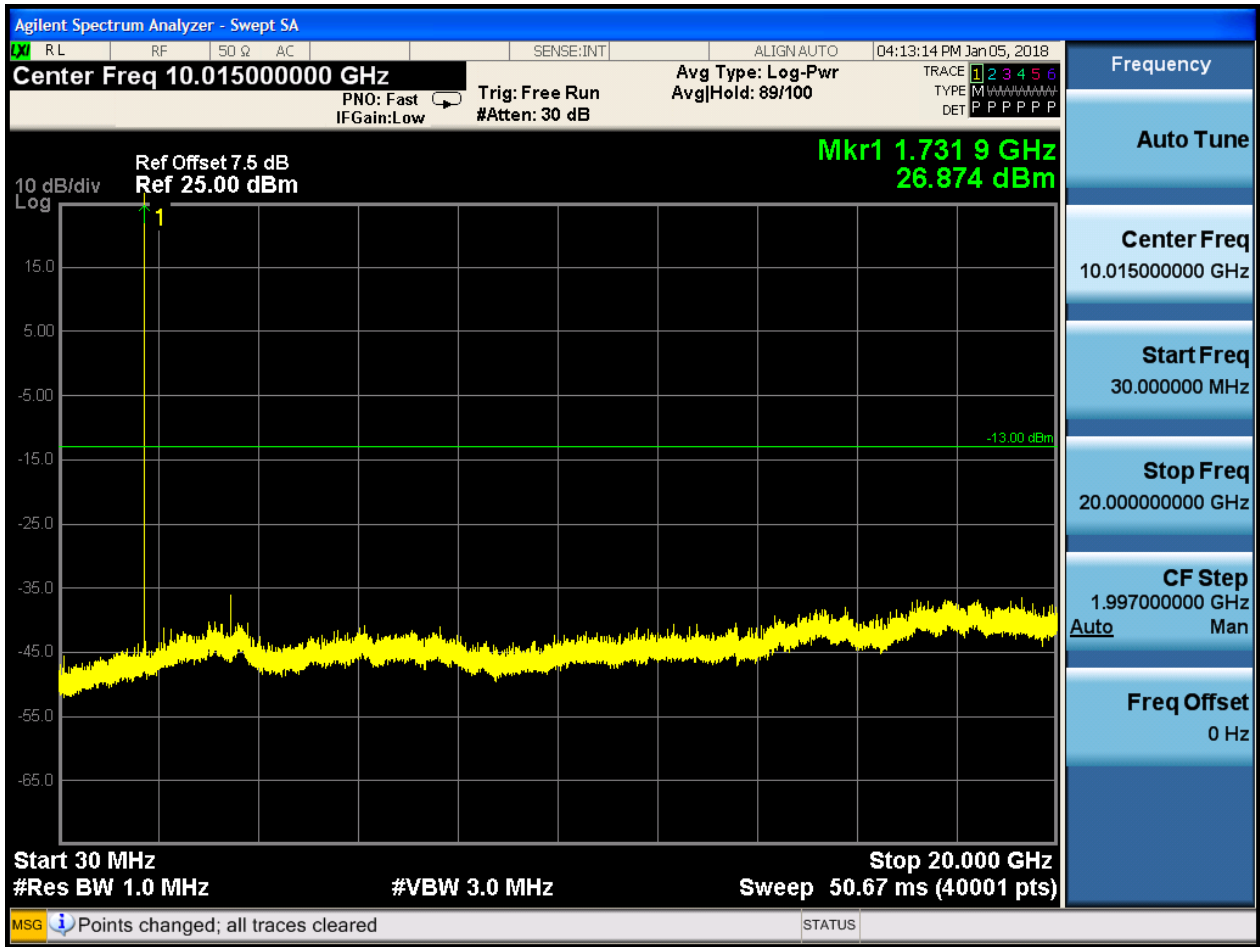


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



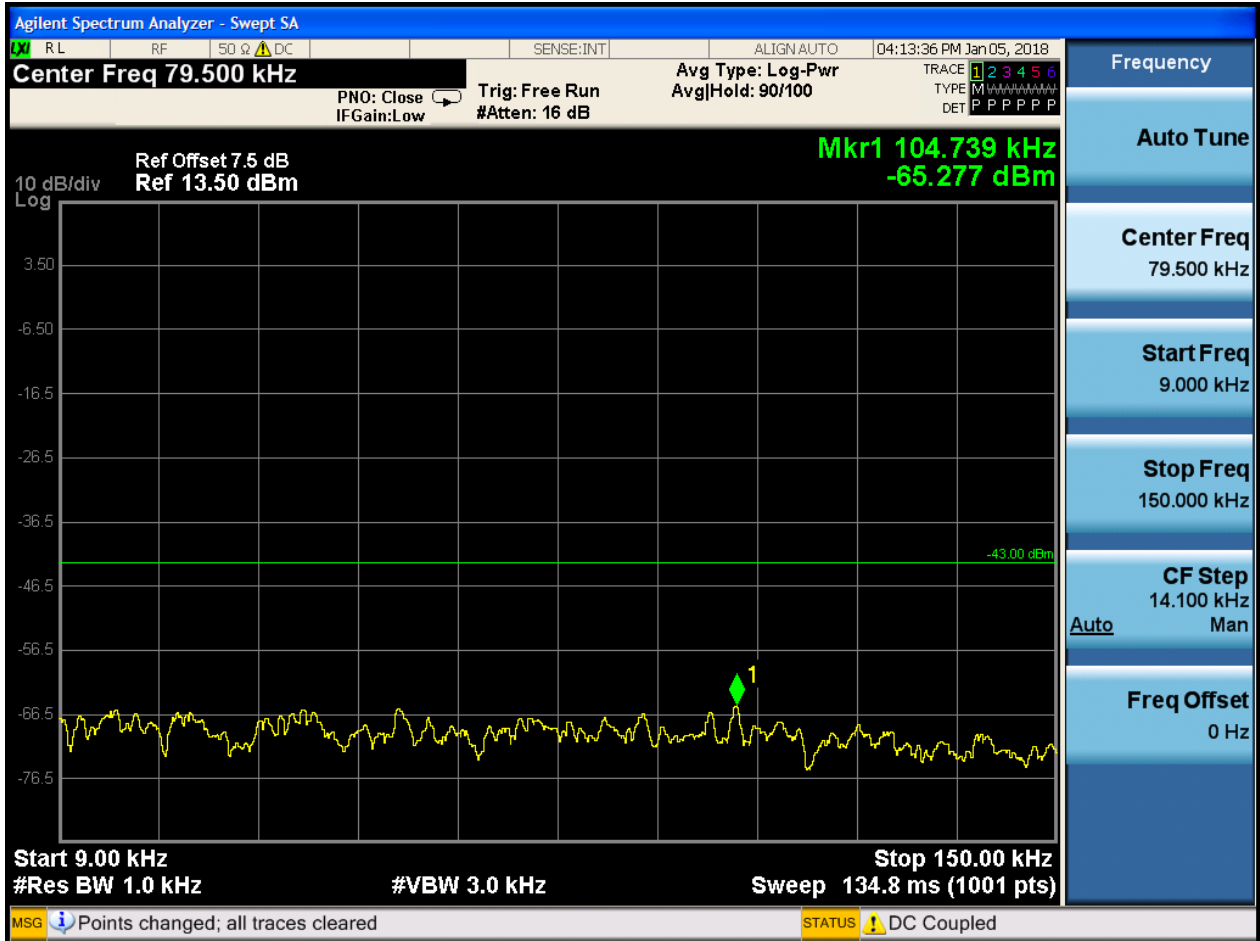


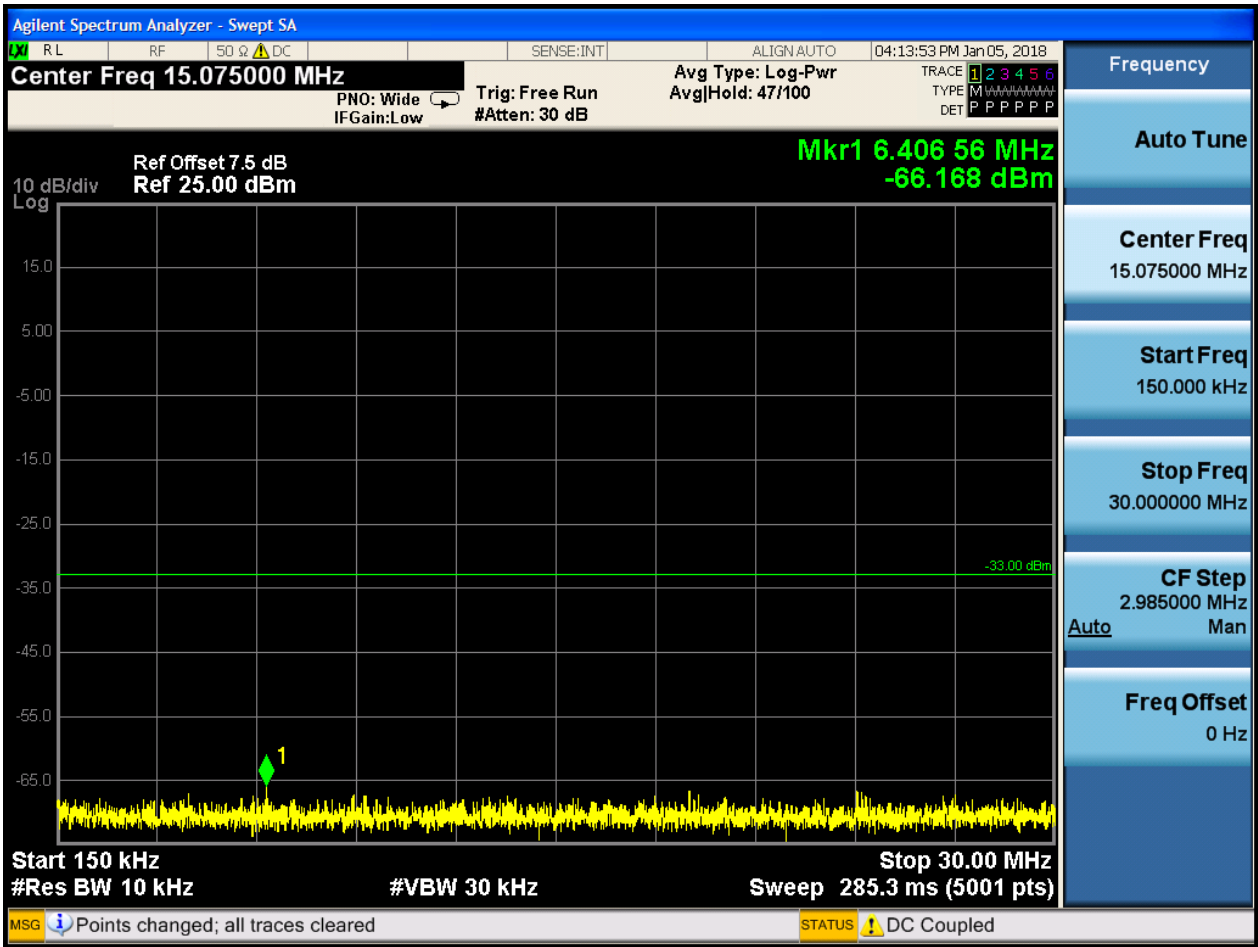




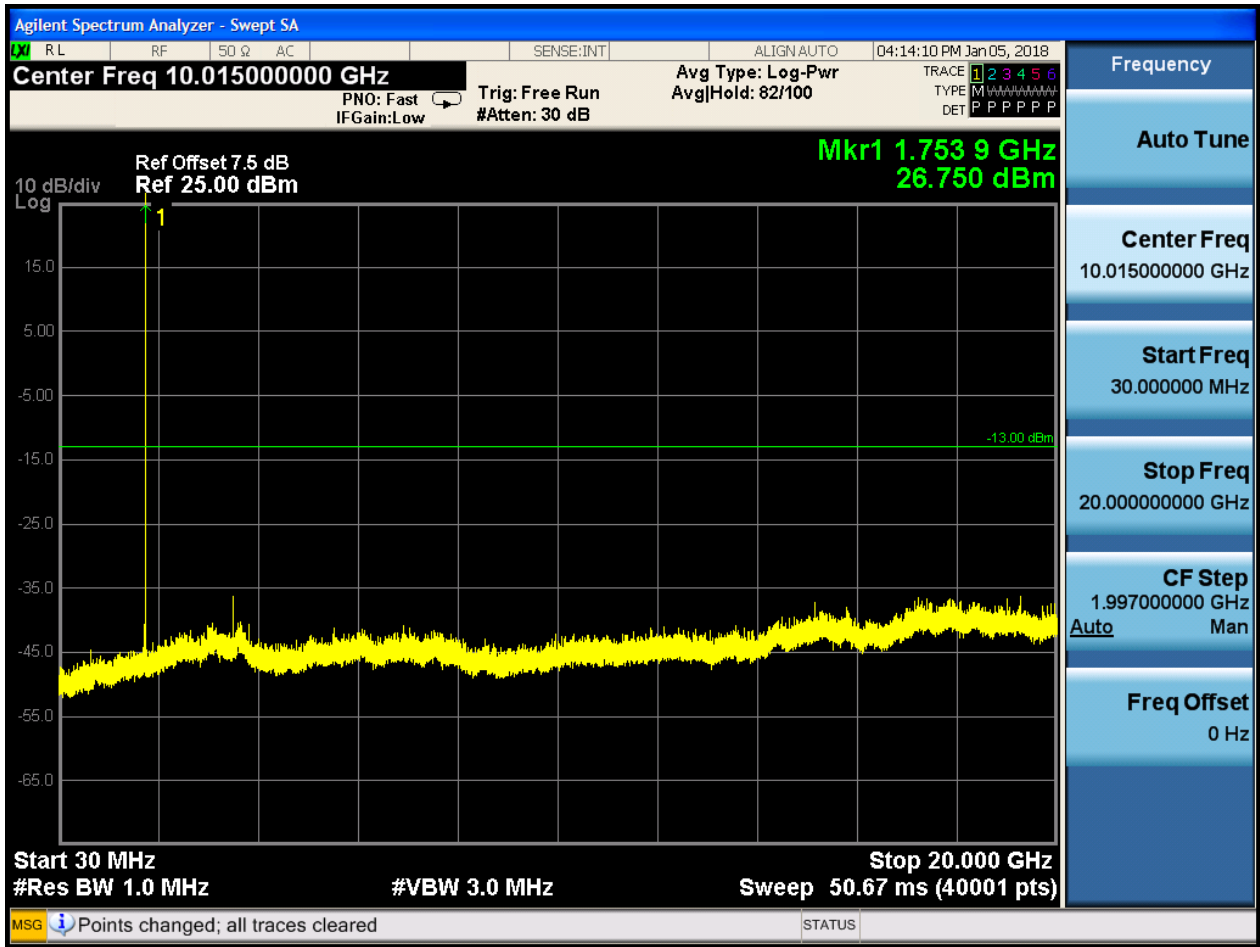
### 6.1.1.2.1.3 Test Channel = HCH

#### 6.1.1.2.1.3.1 Test RB = RB1#0







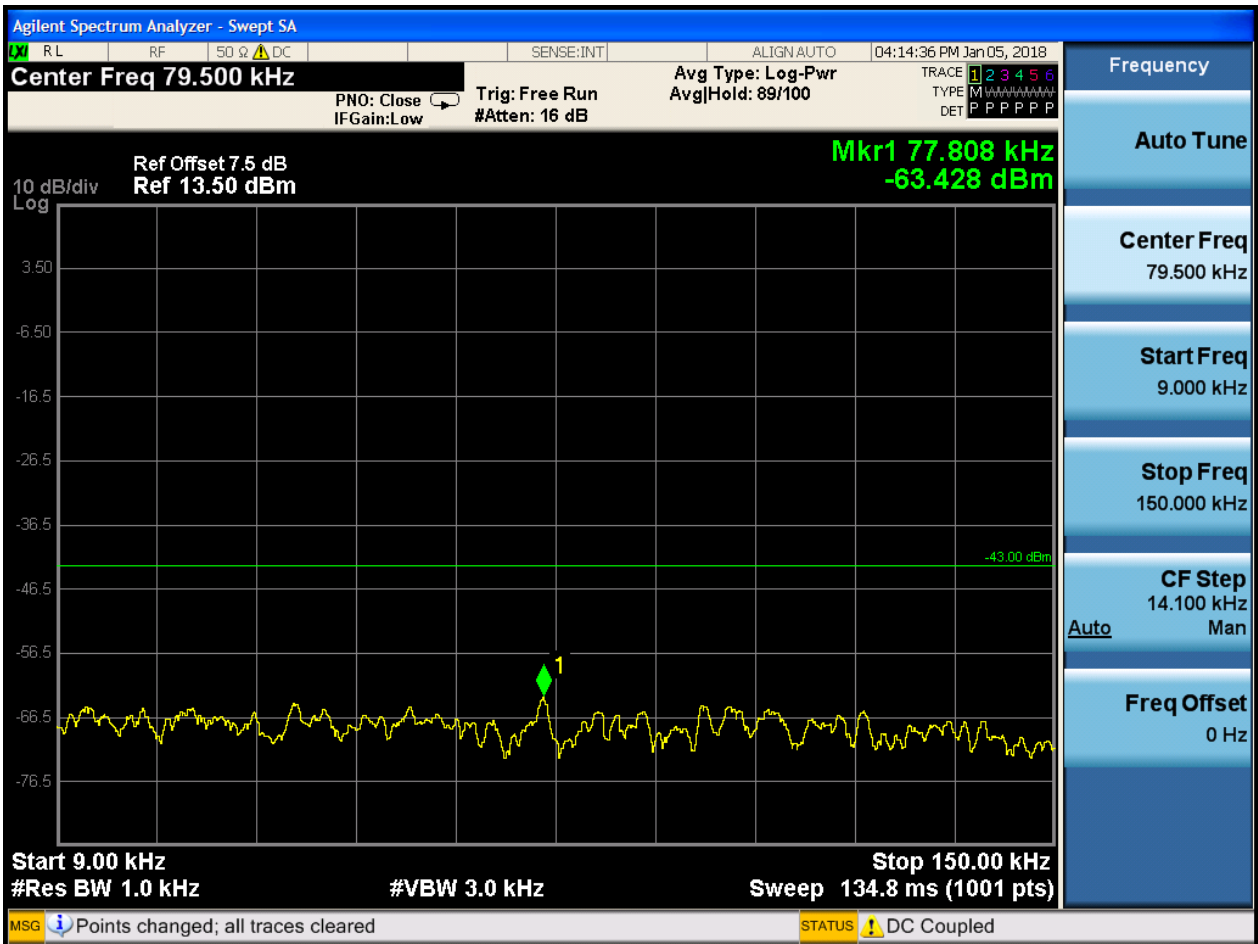


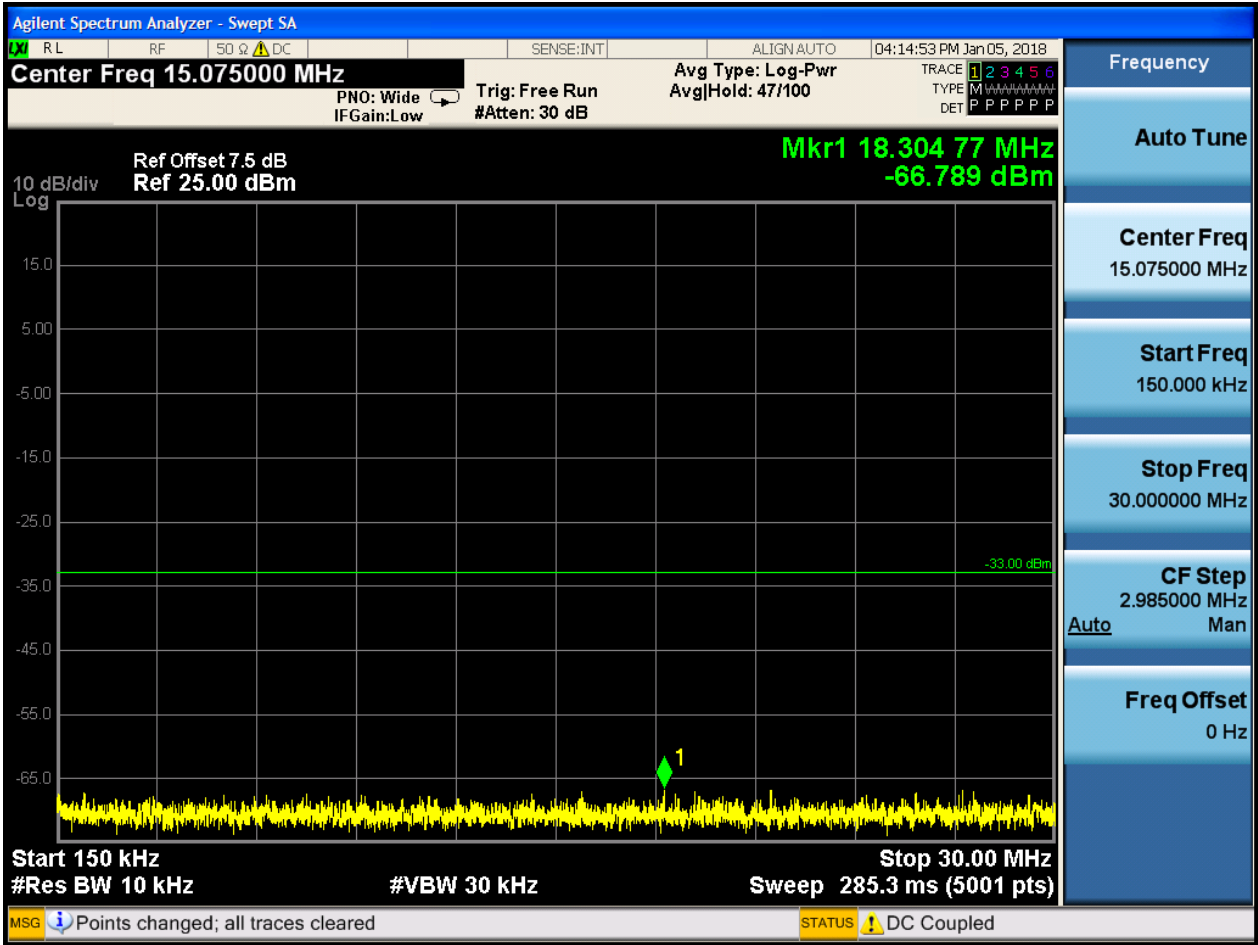


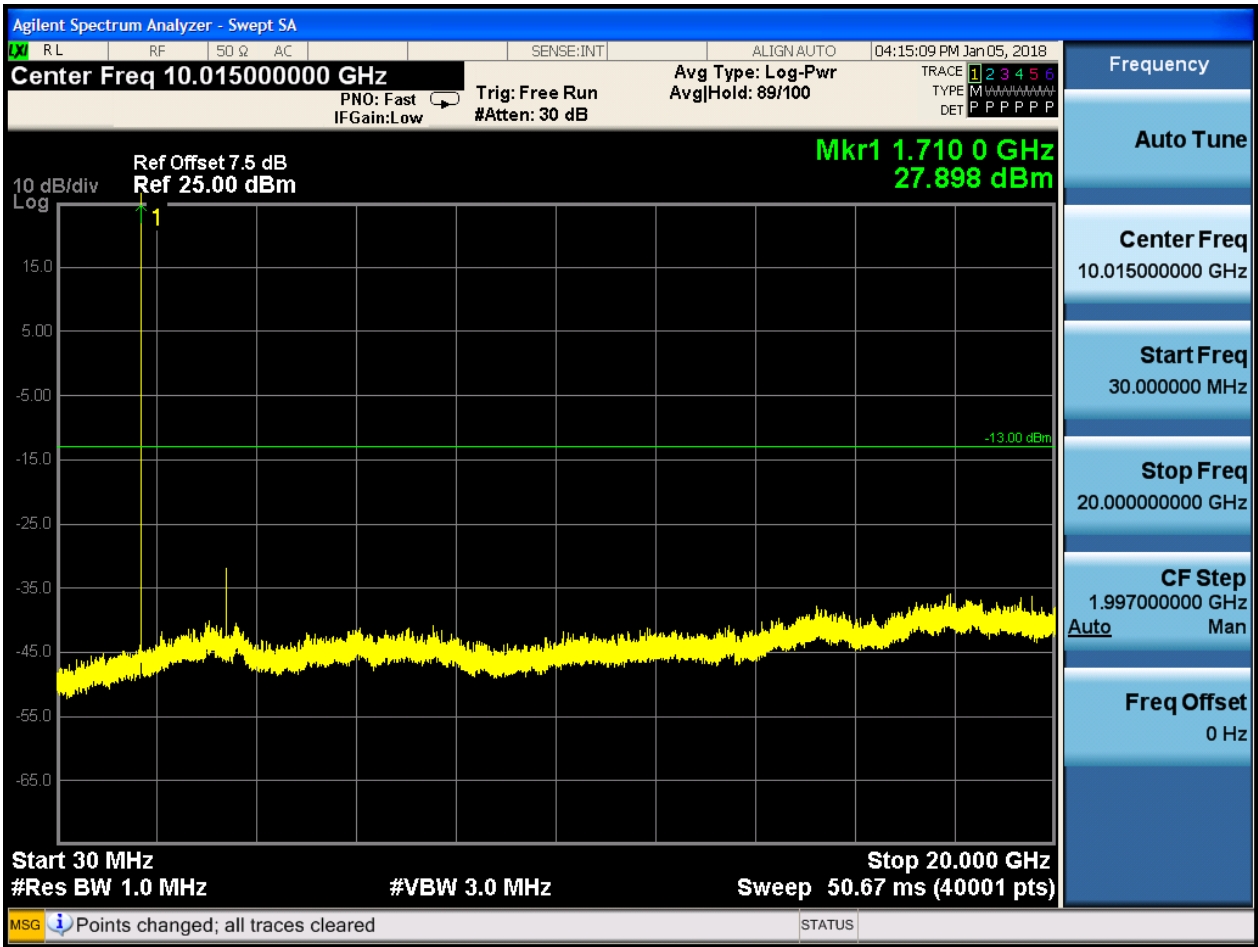
6.1.1.2.2 Test Bandwidth = 3

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0



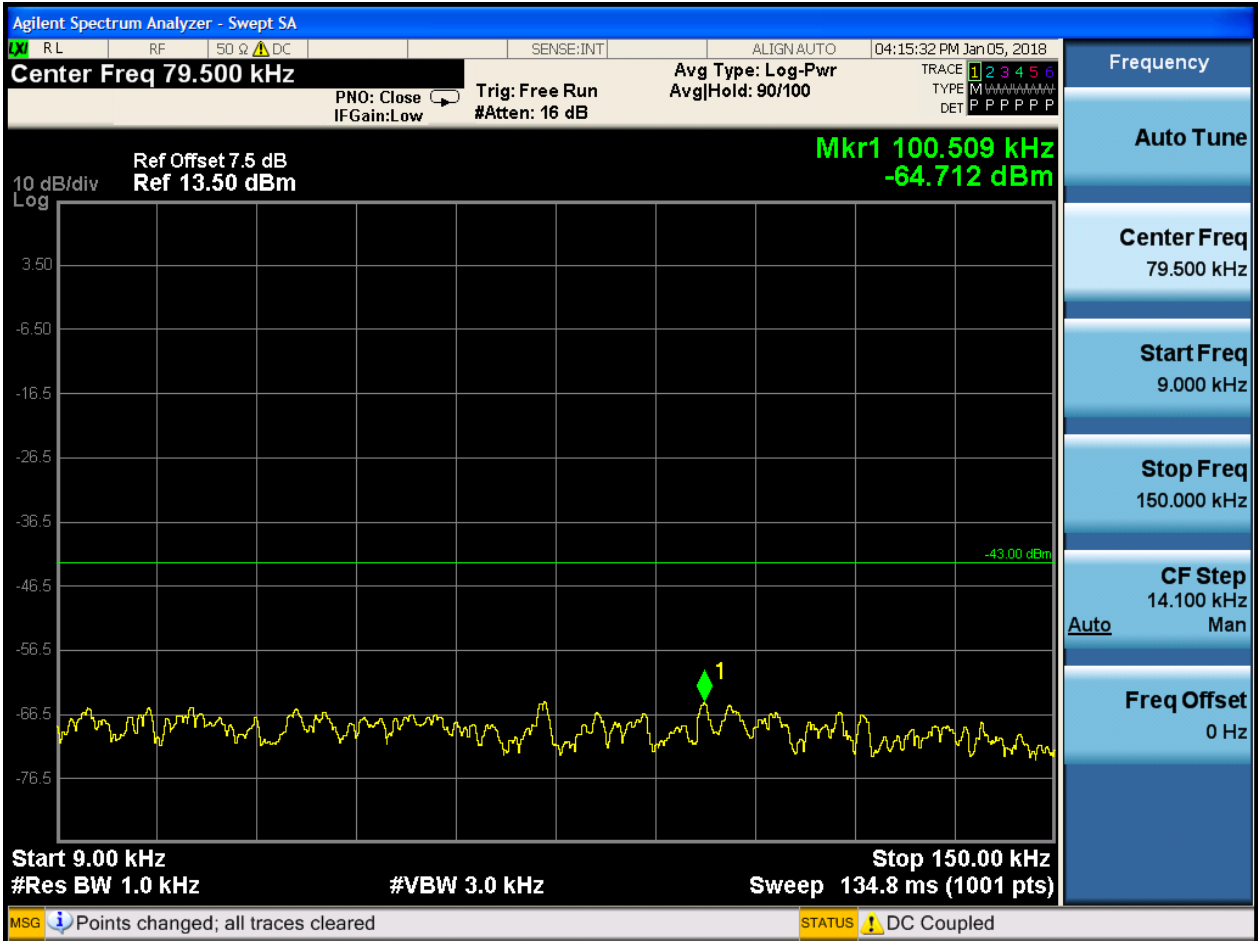


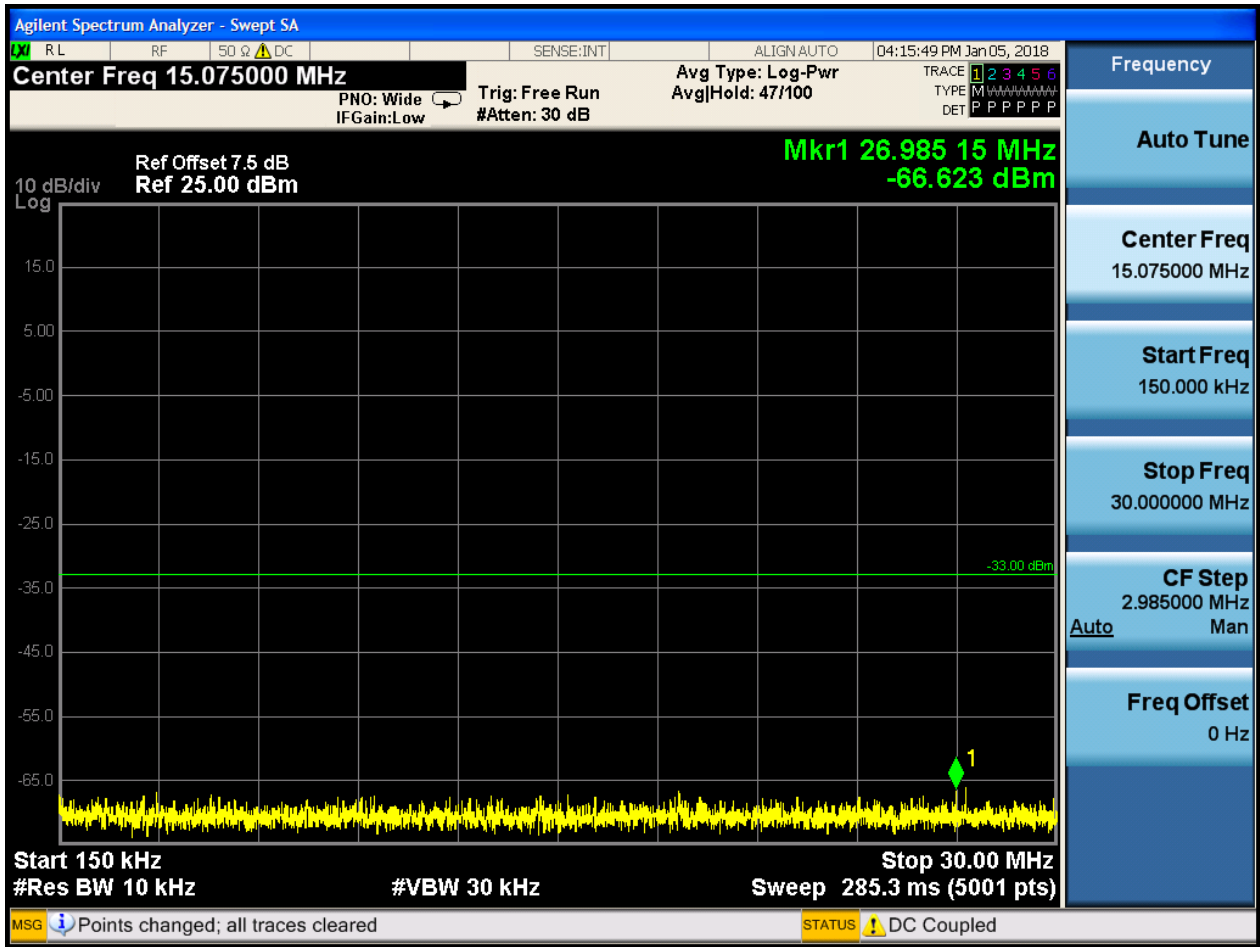


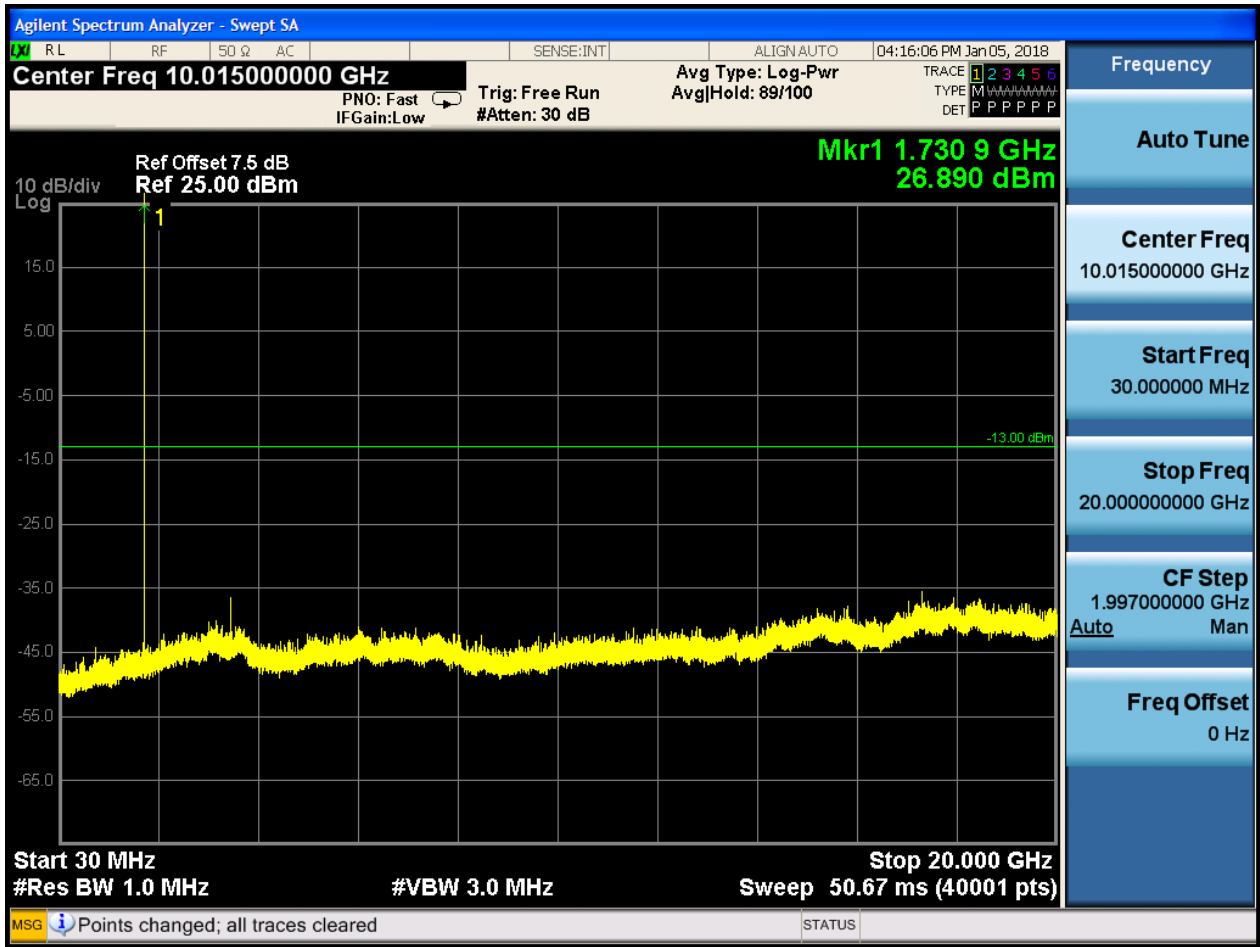


6.1.1.2.2 Test Channel = MCH

6.1.1.2.2.1 Test RB = RB1#0



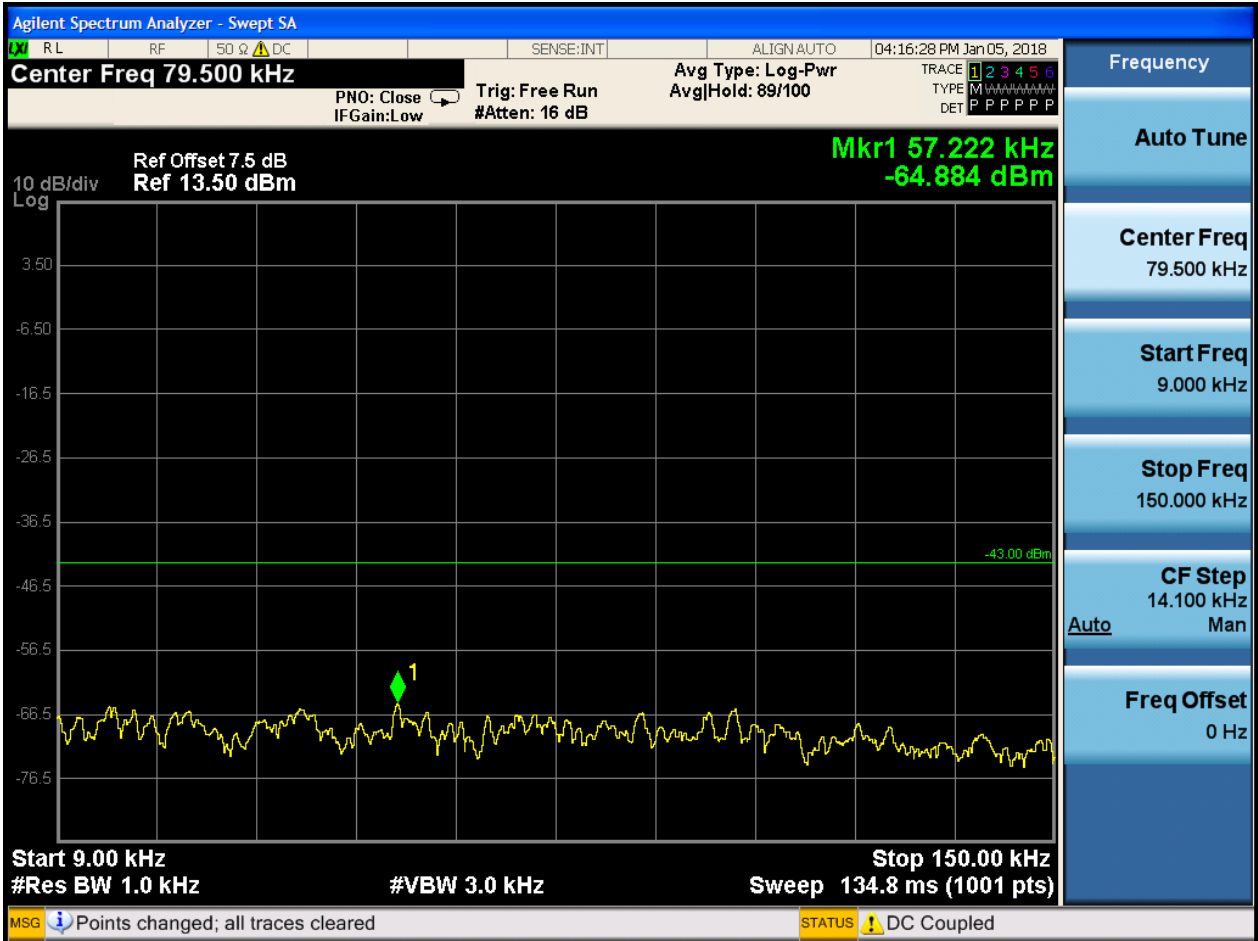




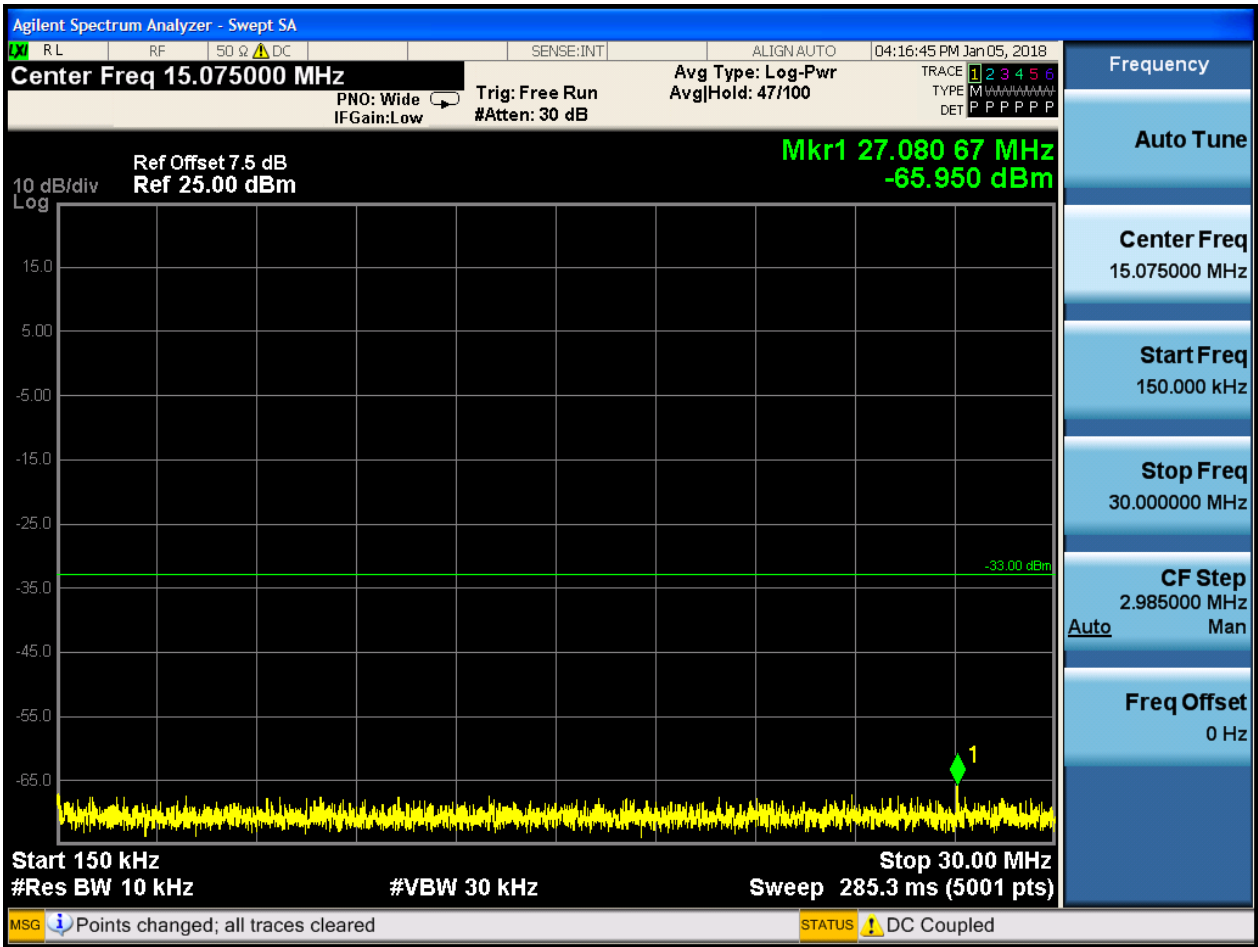


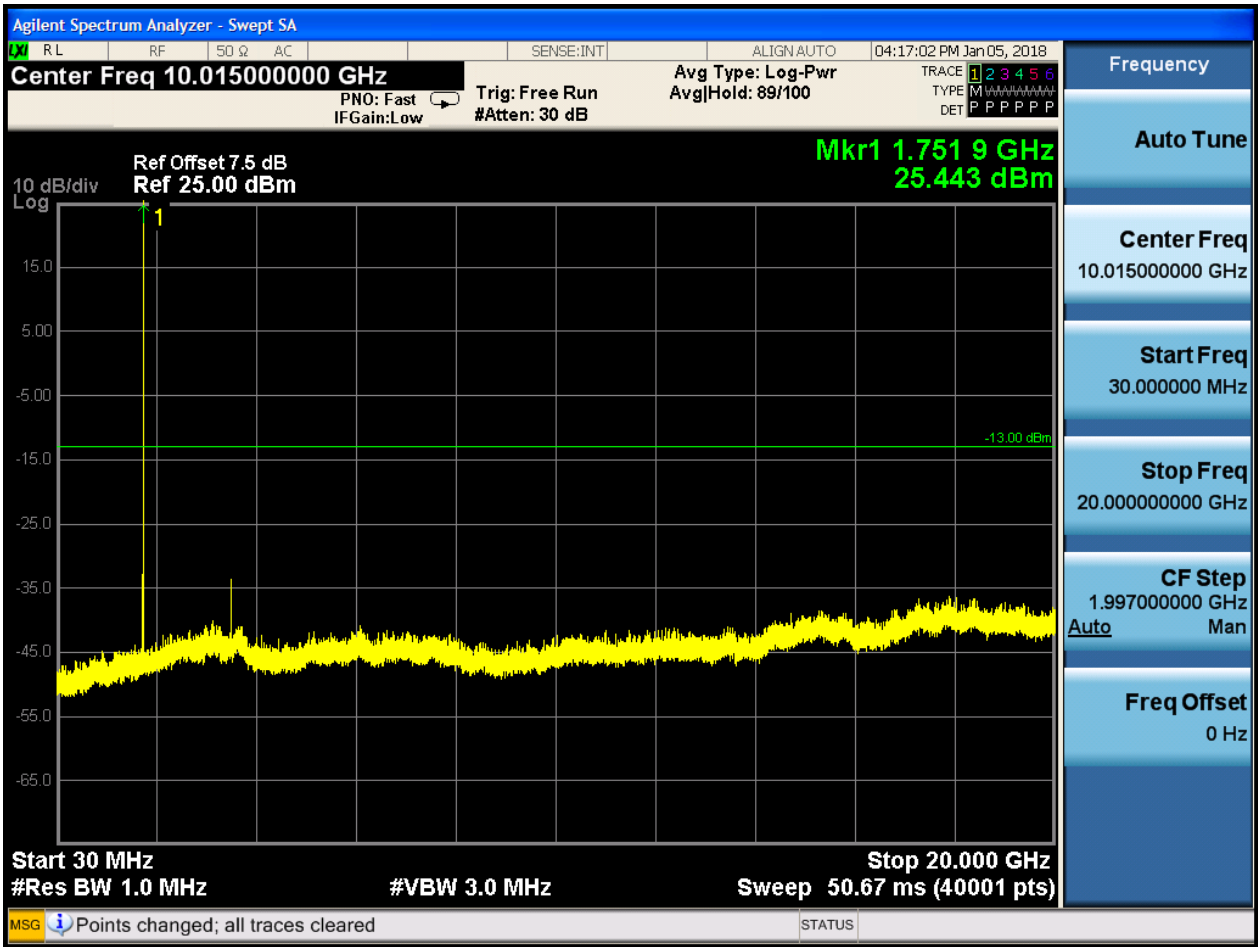
### 6.1.1.2.2.3 Test Channel = HCH

#### 6.1.1.2.2.3.1 Test RB = RB1#0







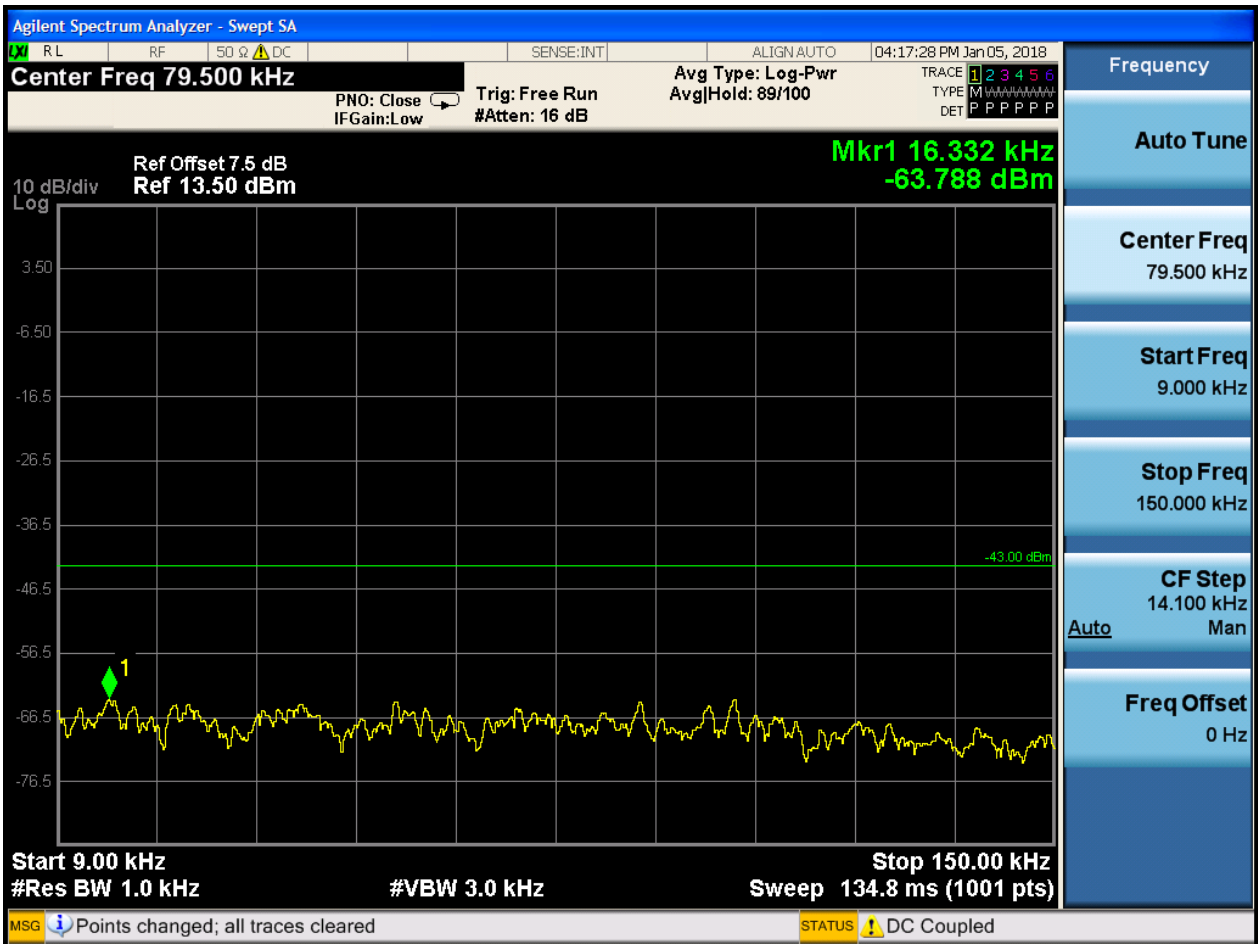


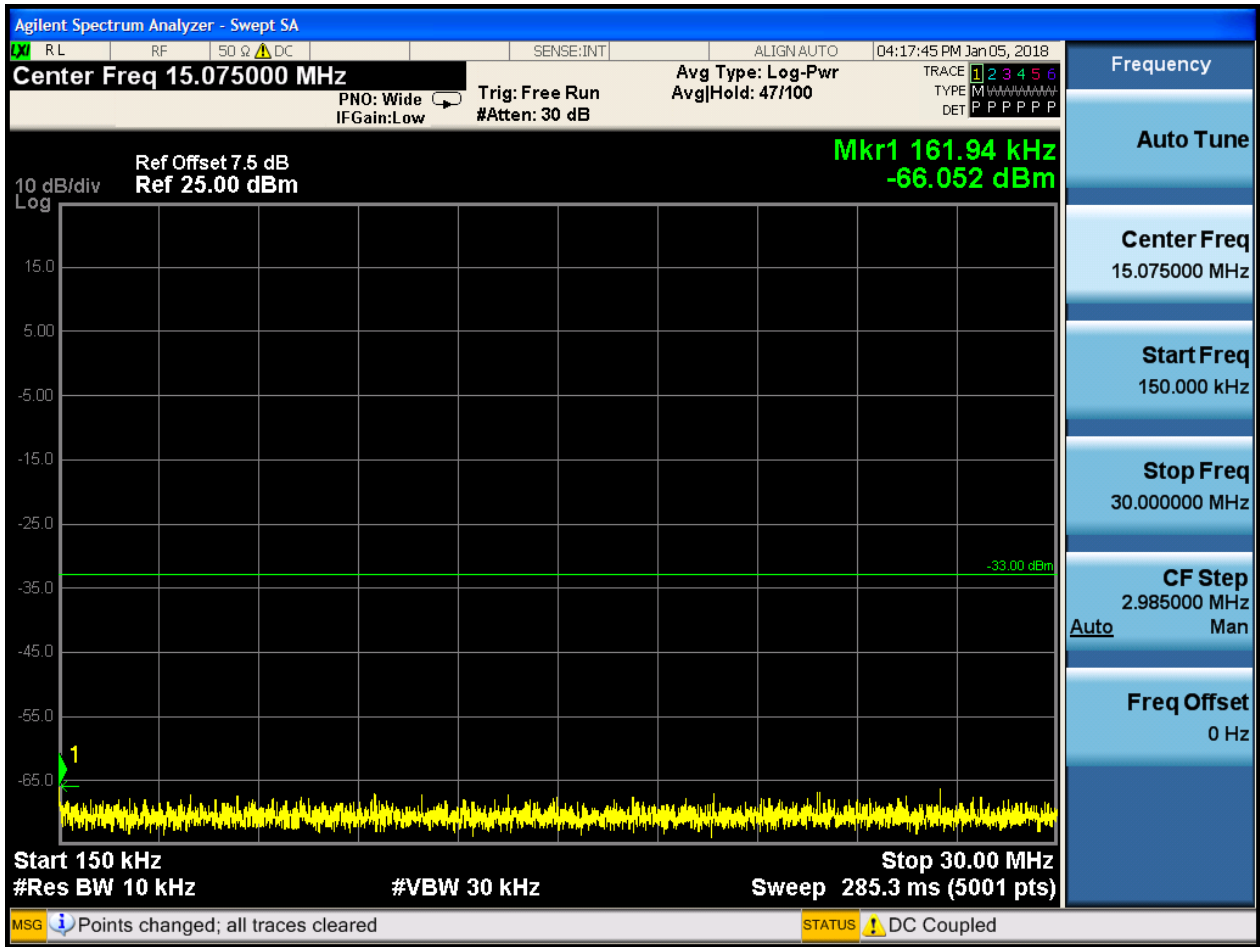


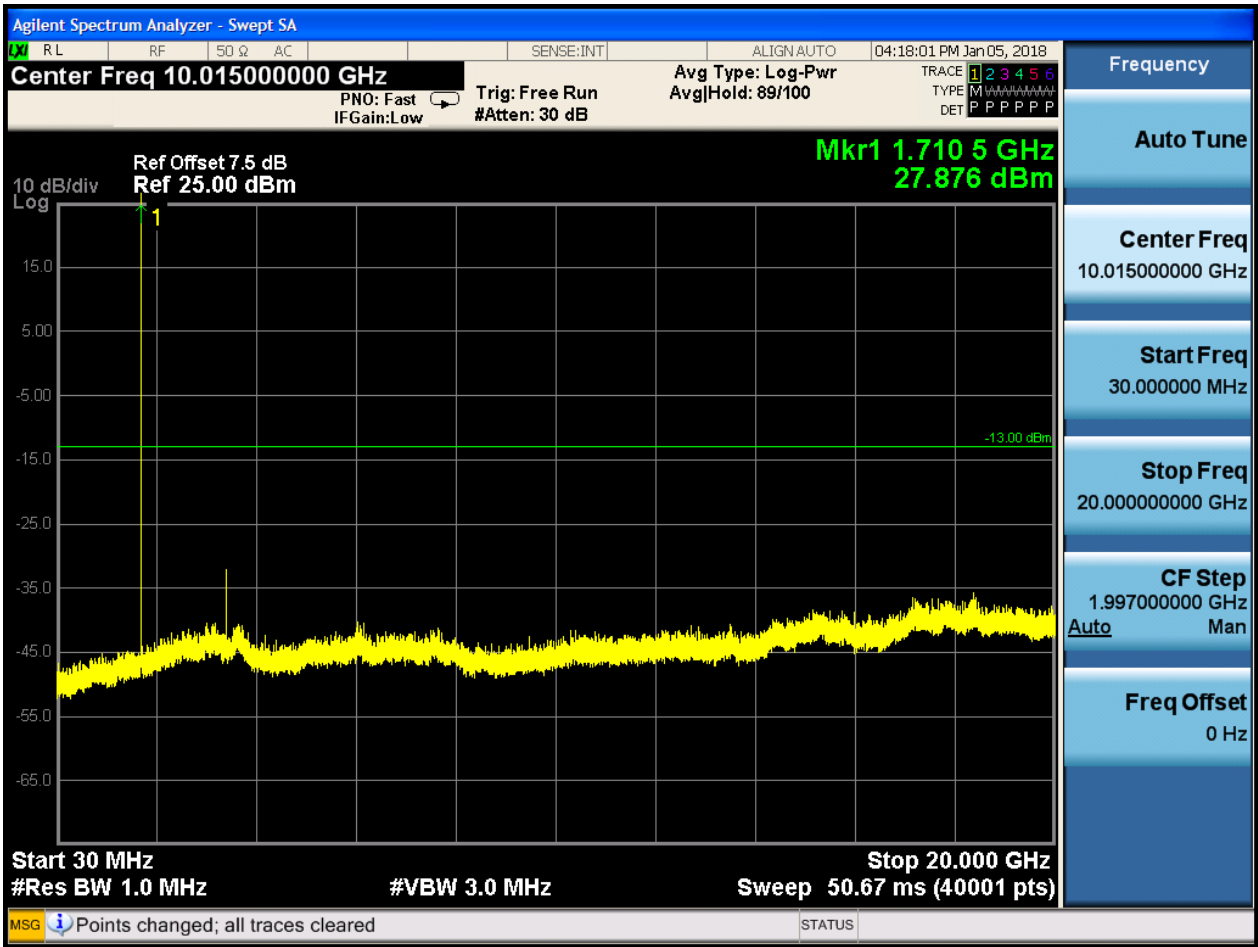
6.1.1.2.3 Test Bandwidth = 5

6.1.1.2.3.1 Test Channel = LCH

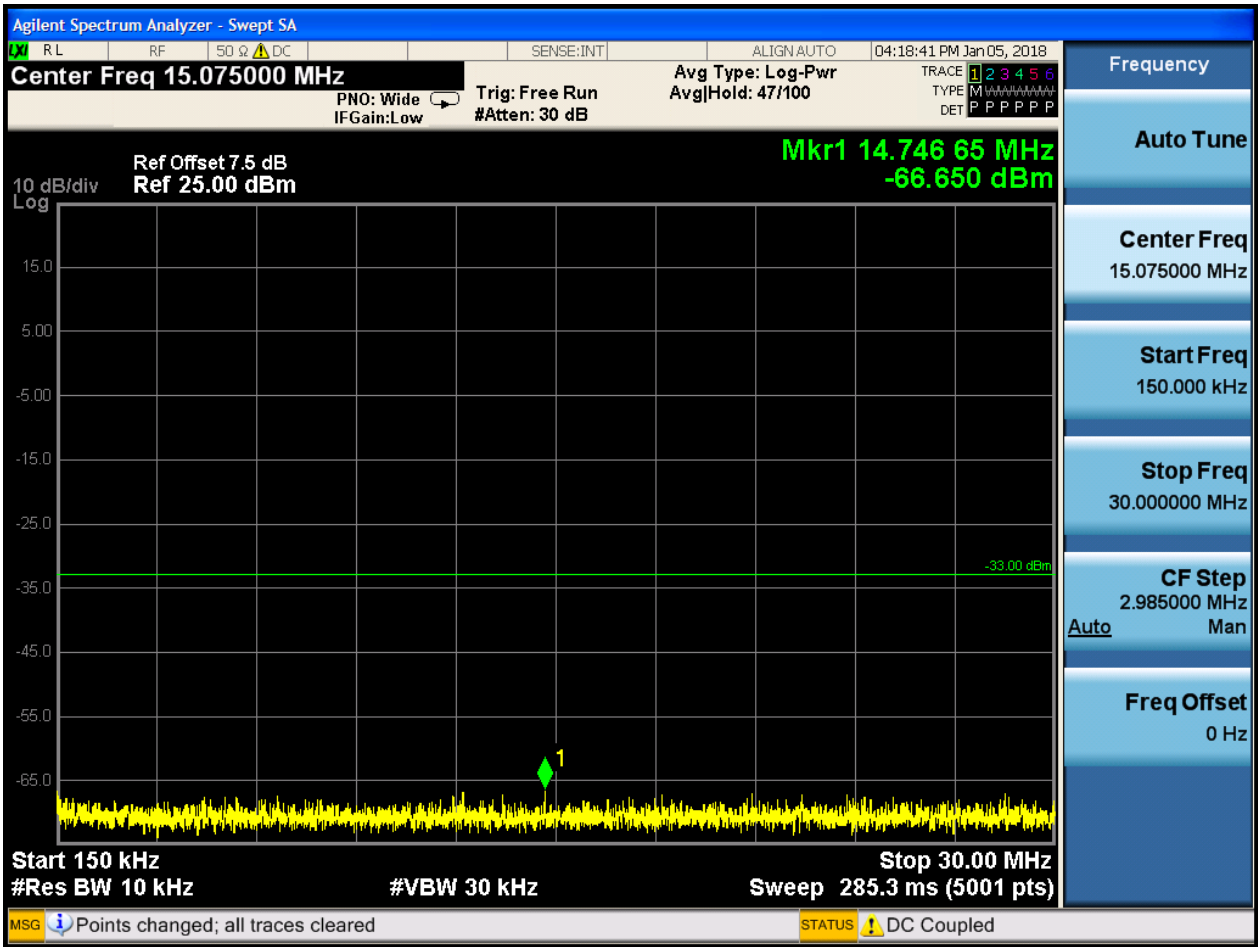
6.1.1.2.3.1.1 Test RB = RB1#0

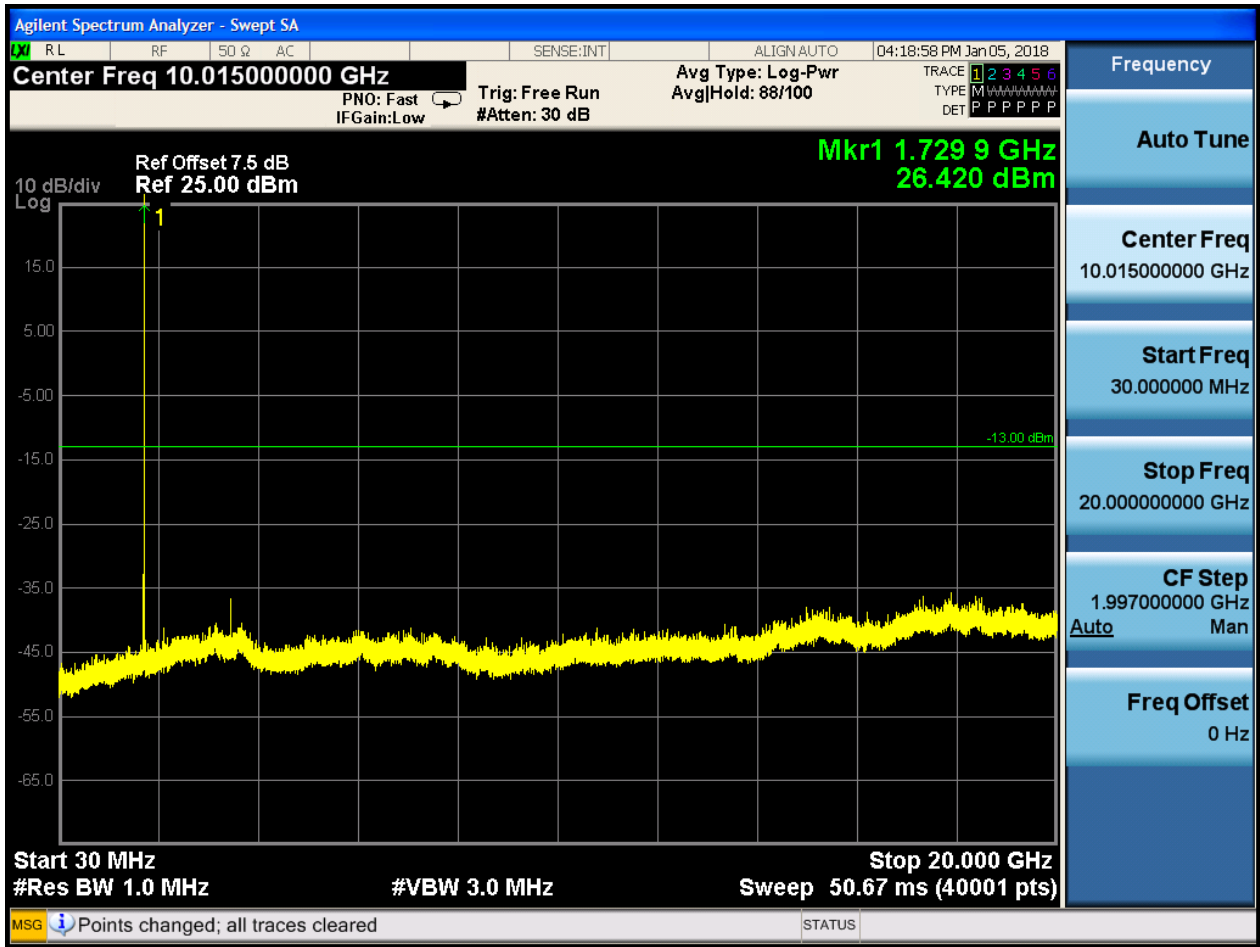










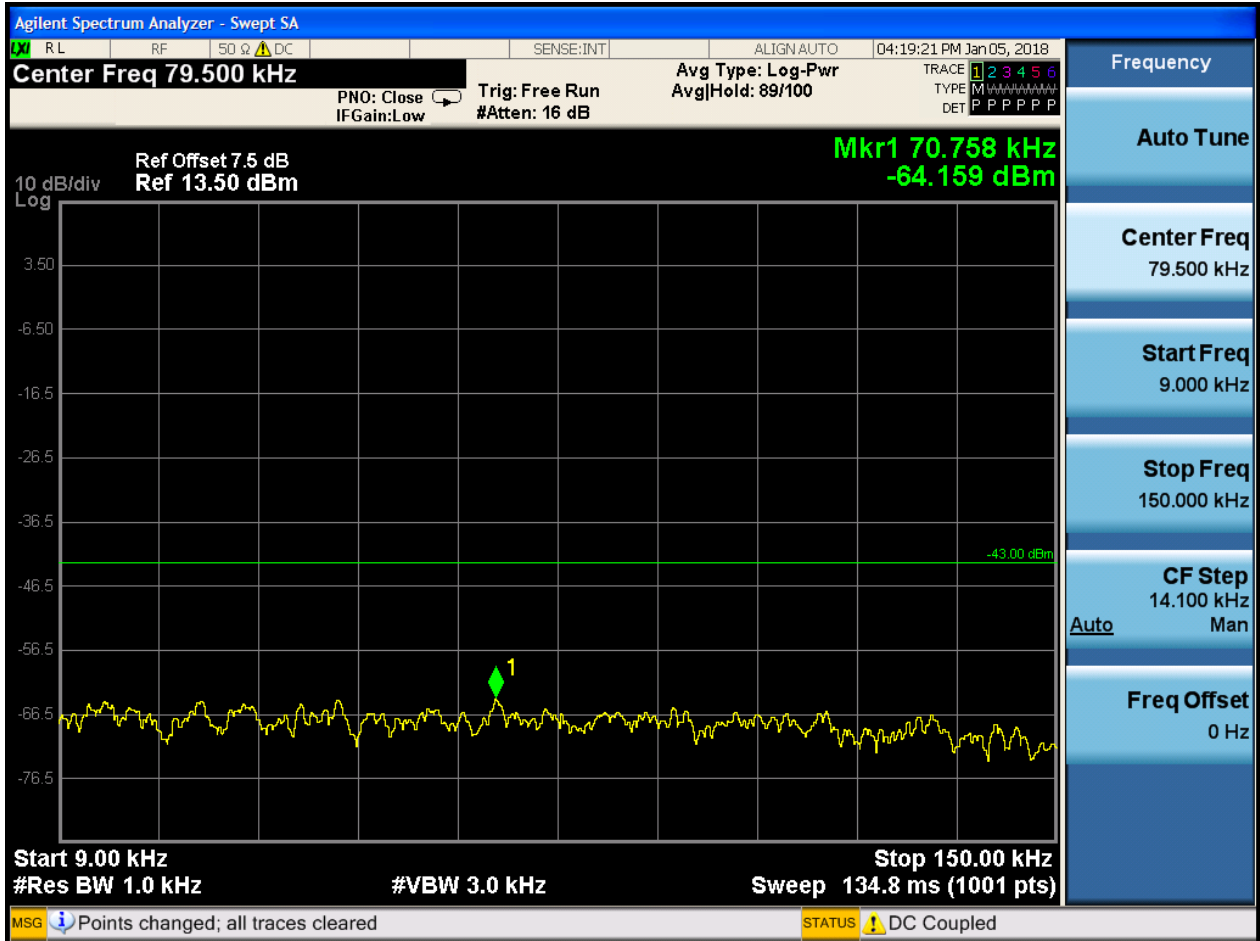


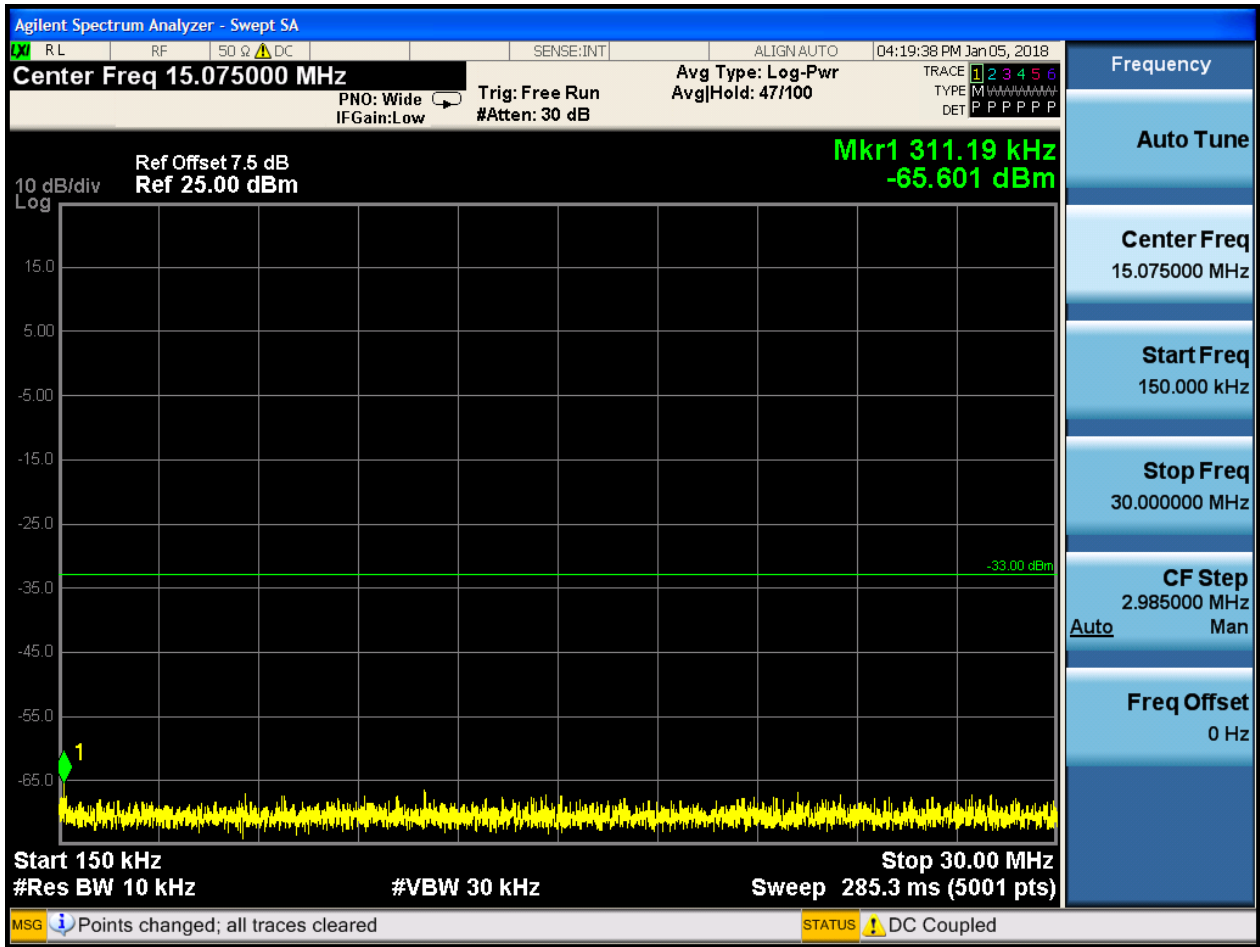


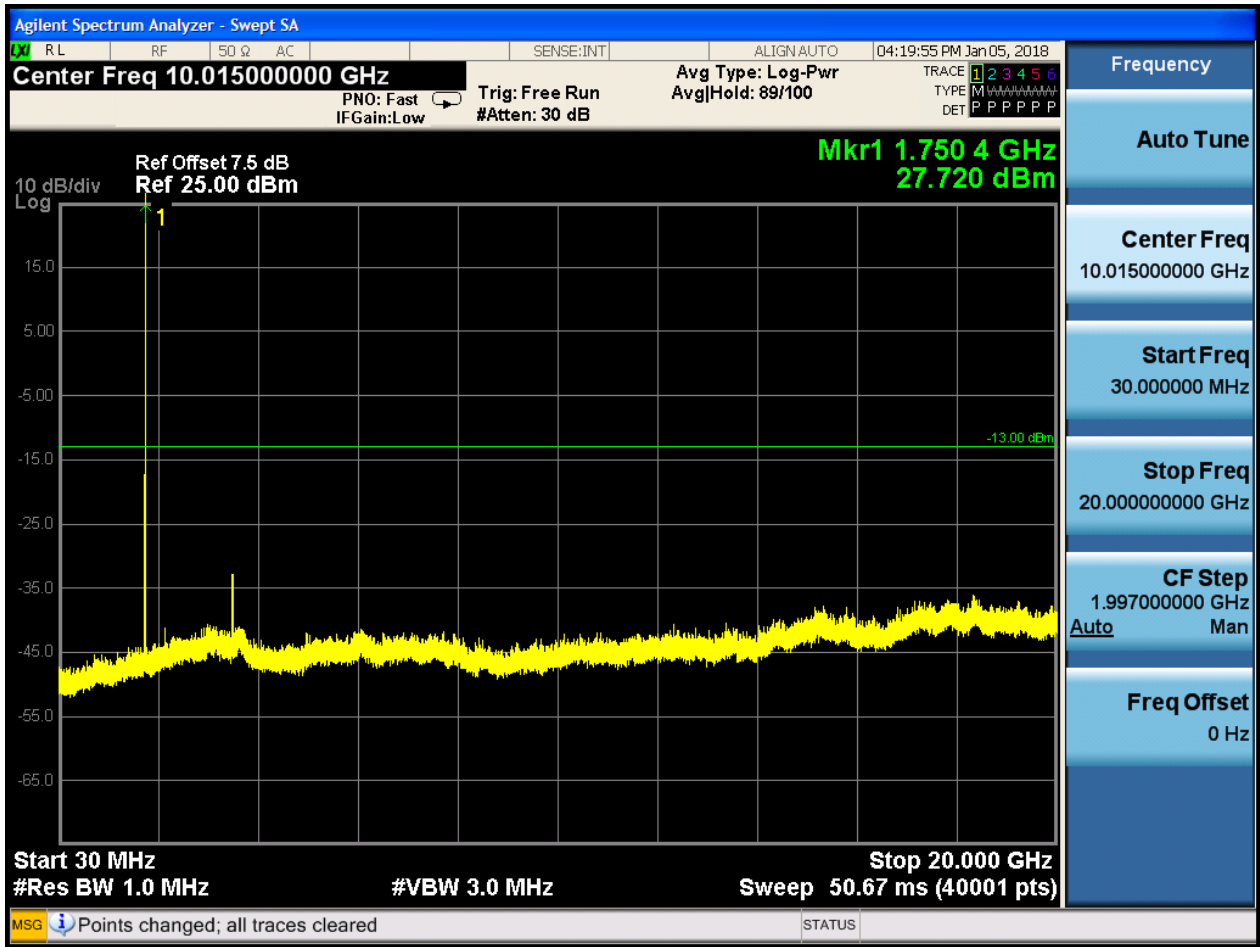


### 6.1.1.2.3.3 Test Channel = HCH

#### 6.1.1.2.3.3.1 Test RB = RB1#0





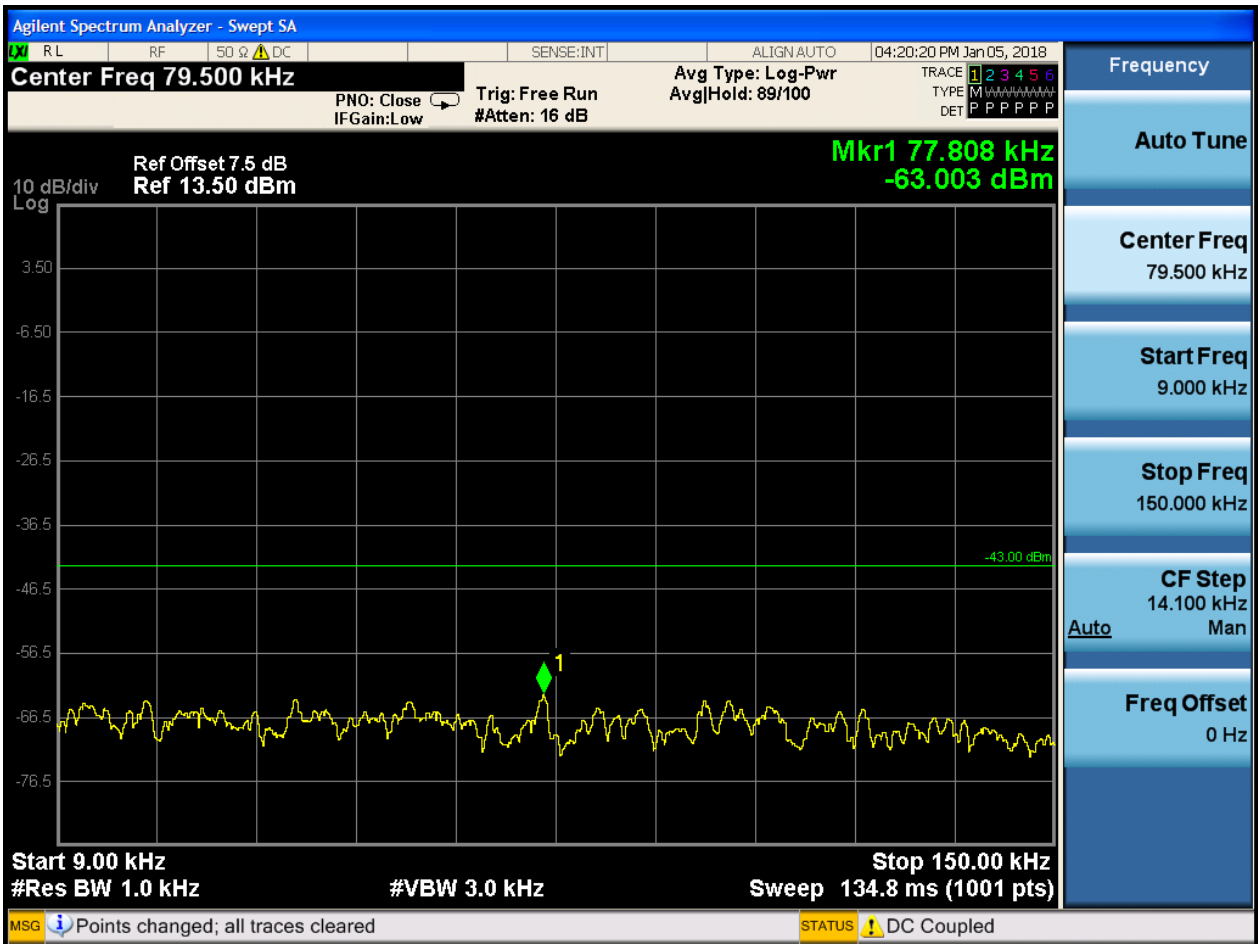


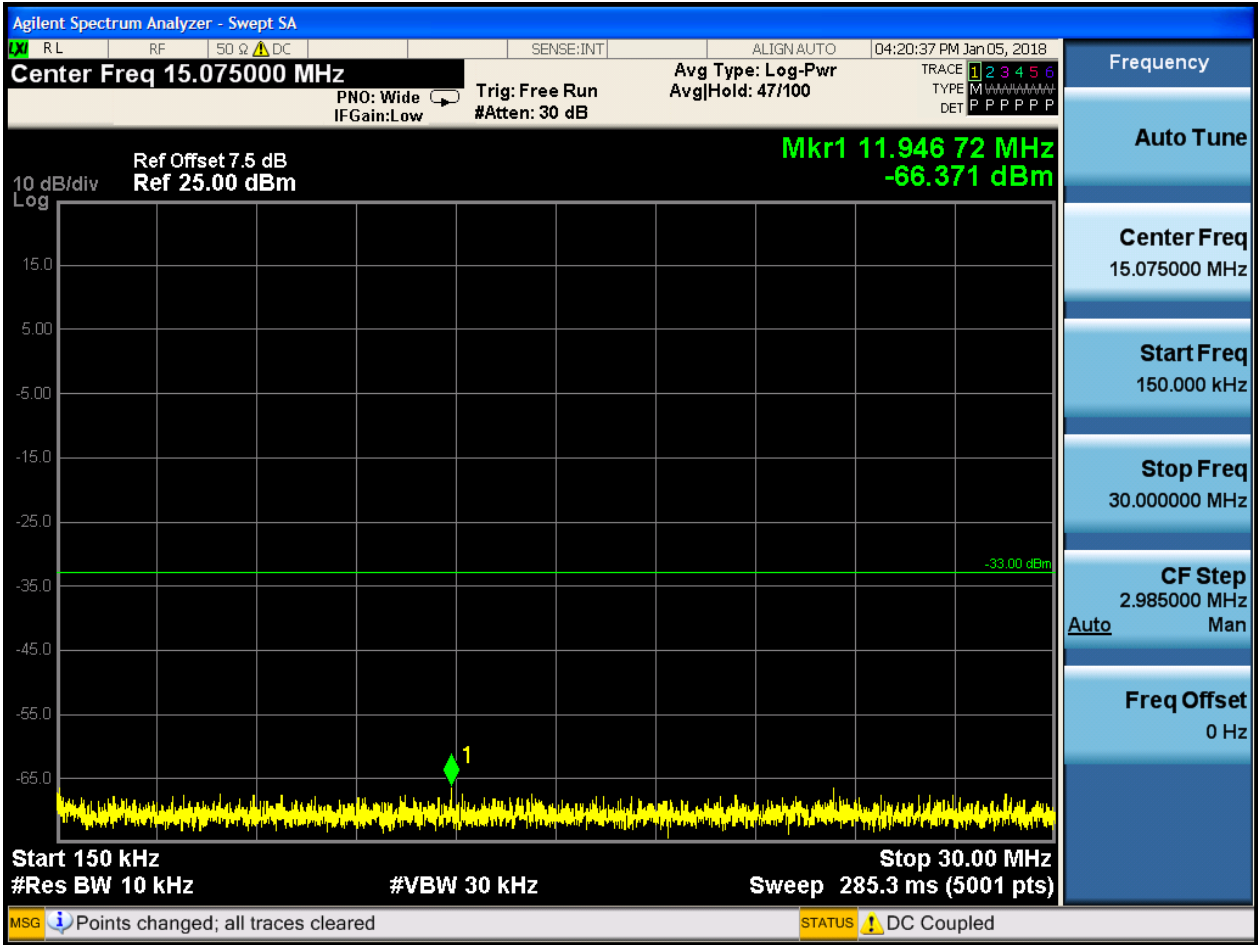


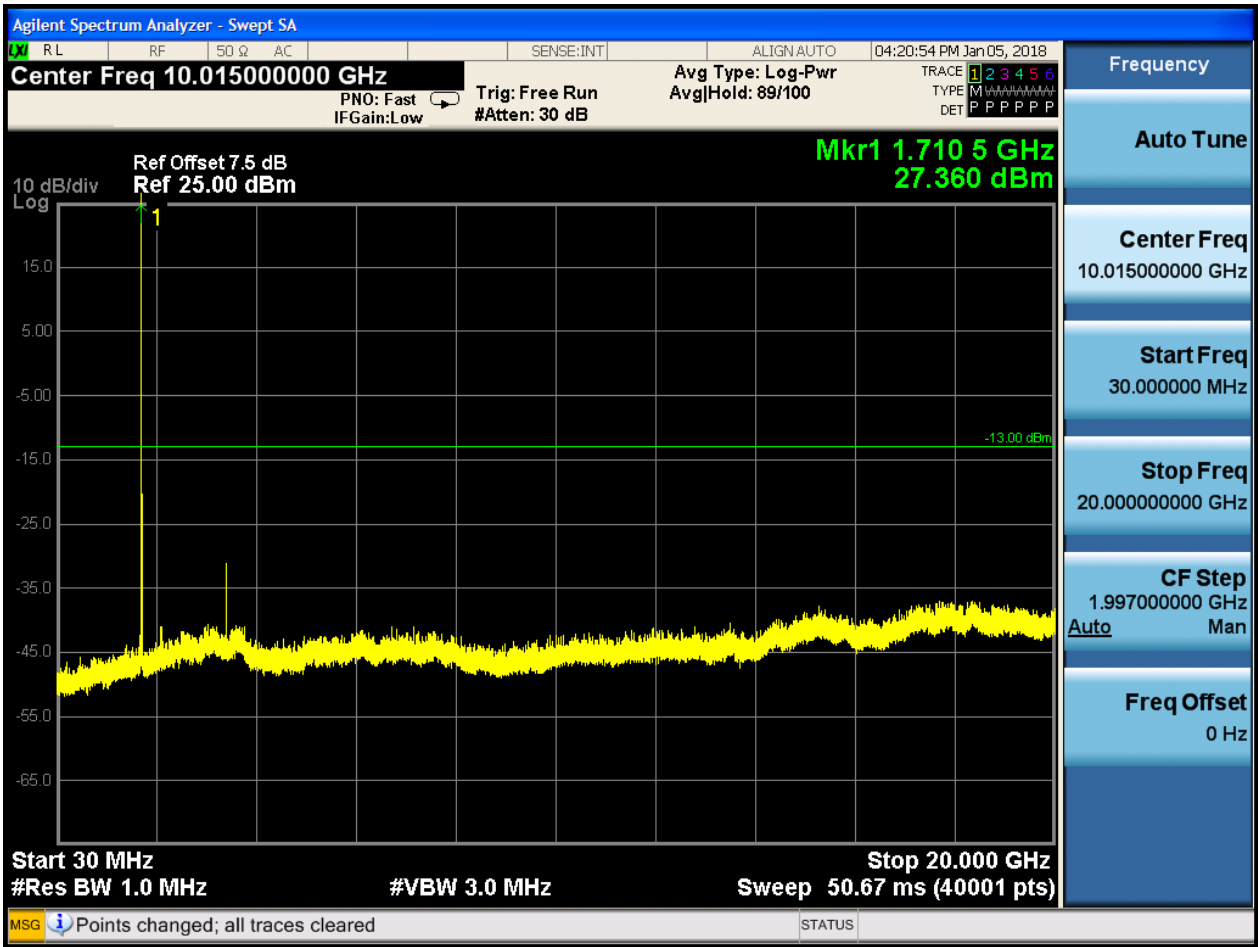
6.1.1.2.4 Test Bandwidth = 10

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0



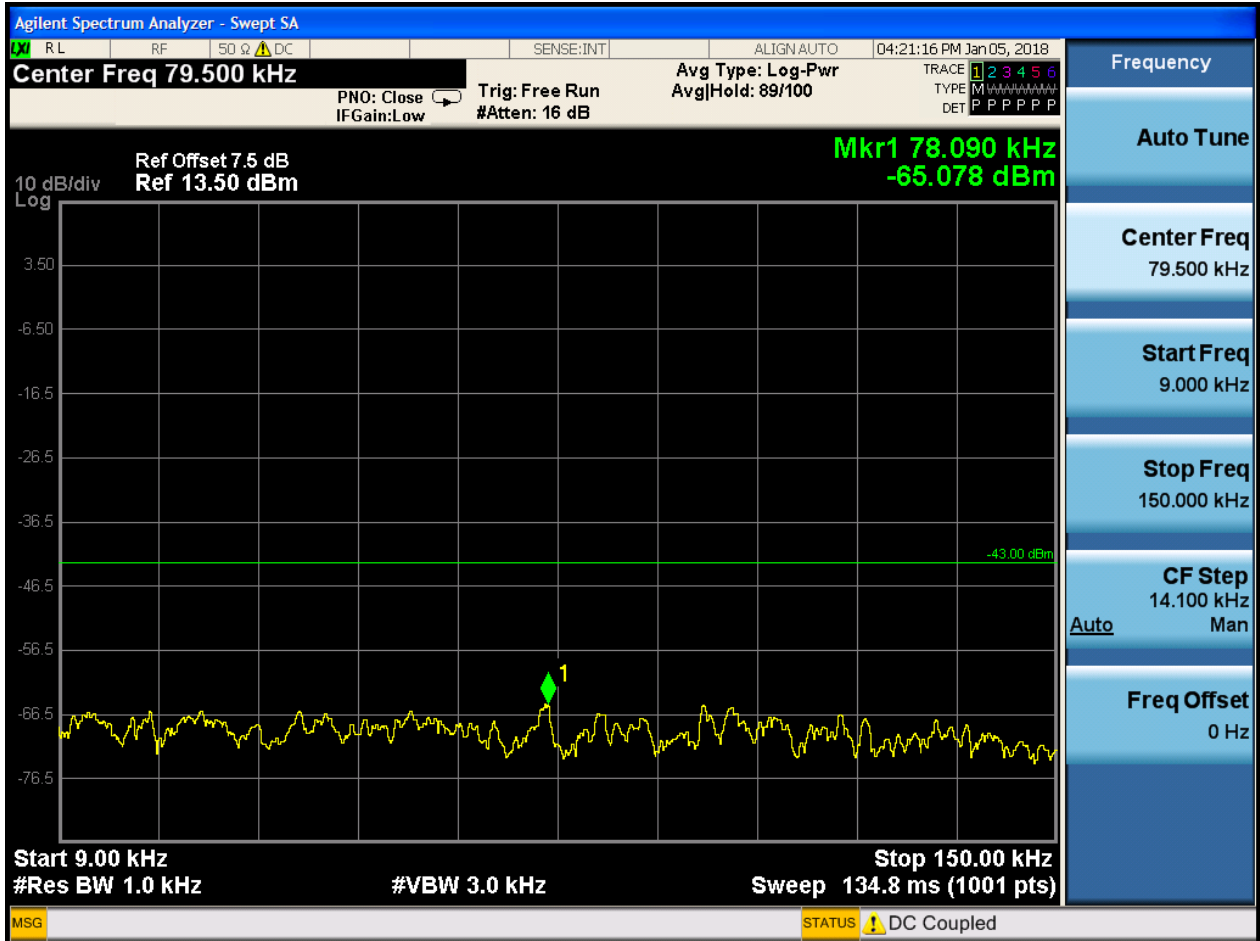


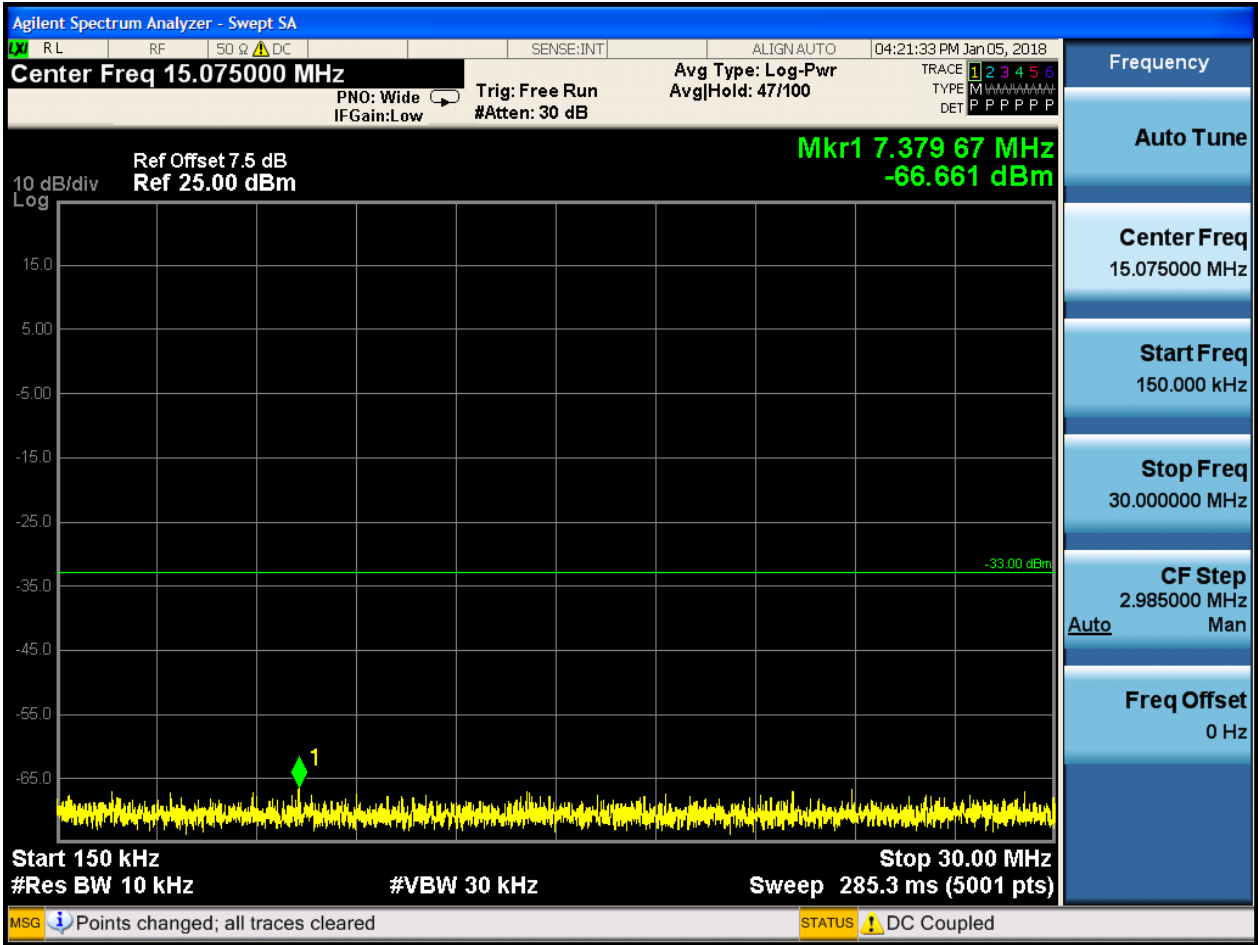




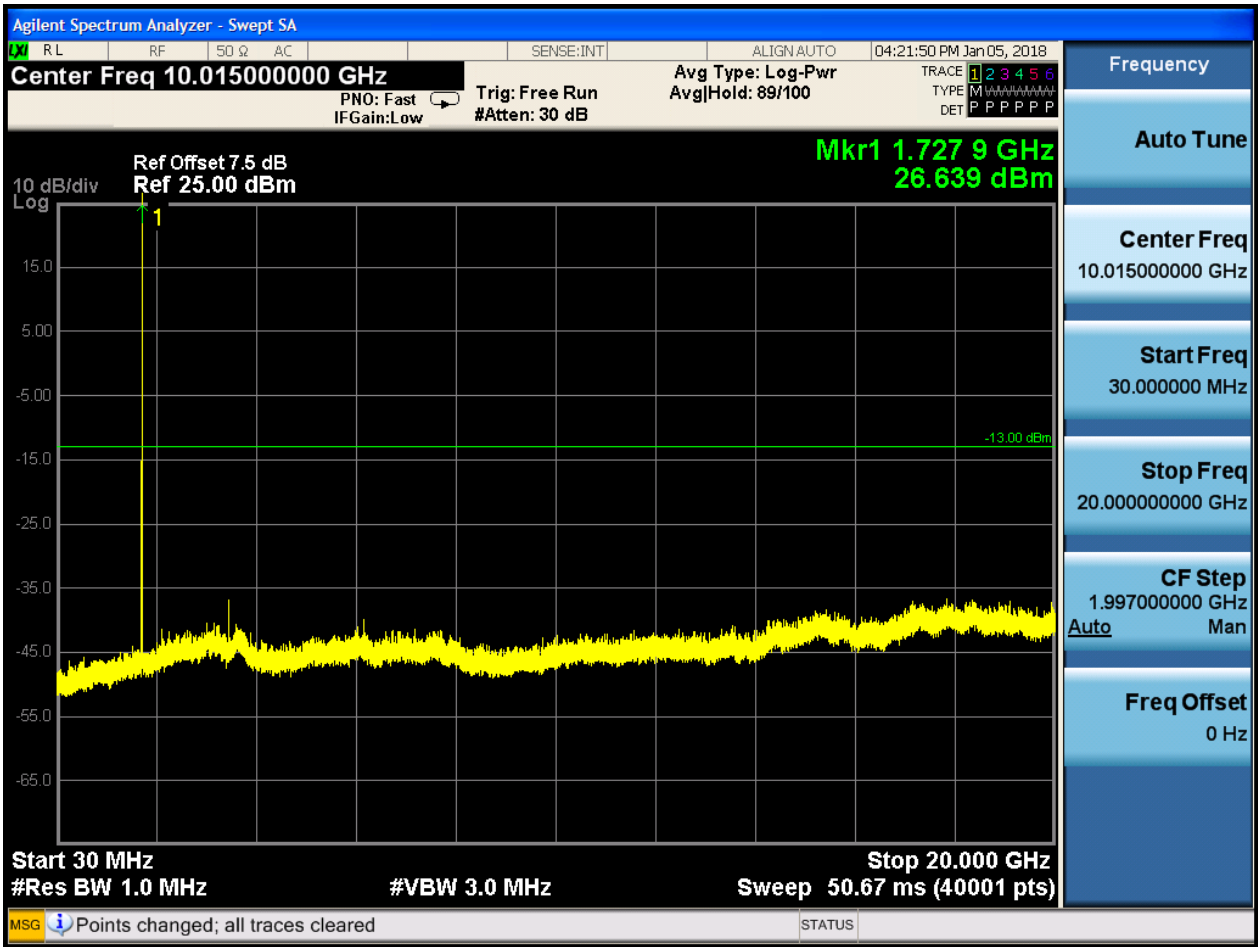
6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0





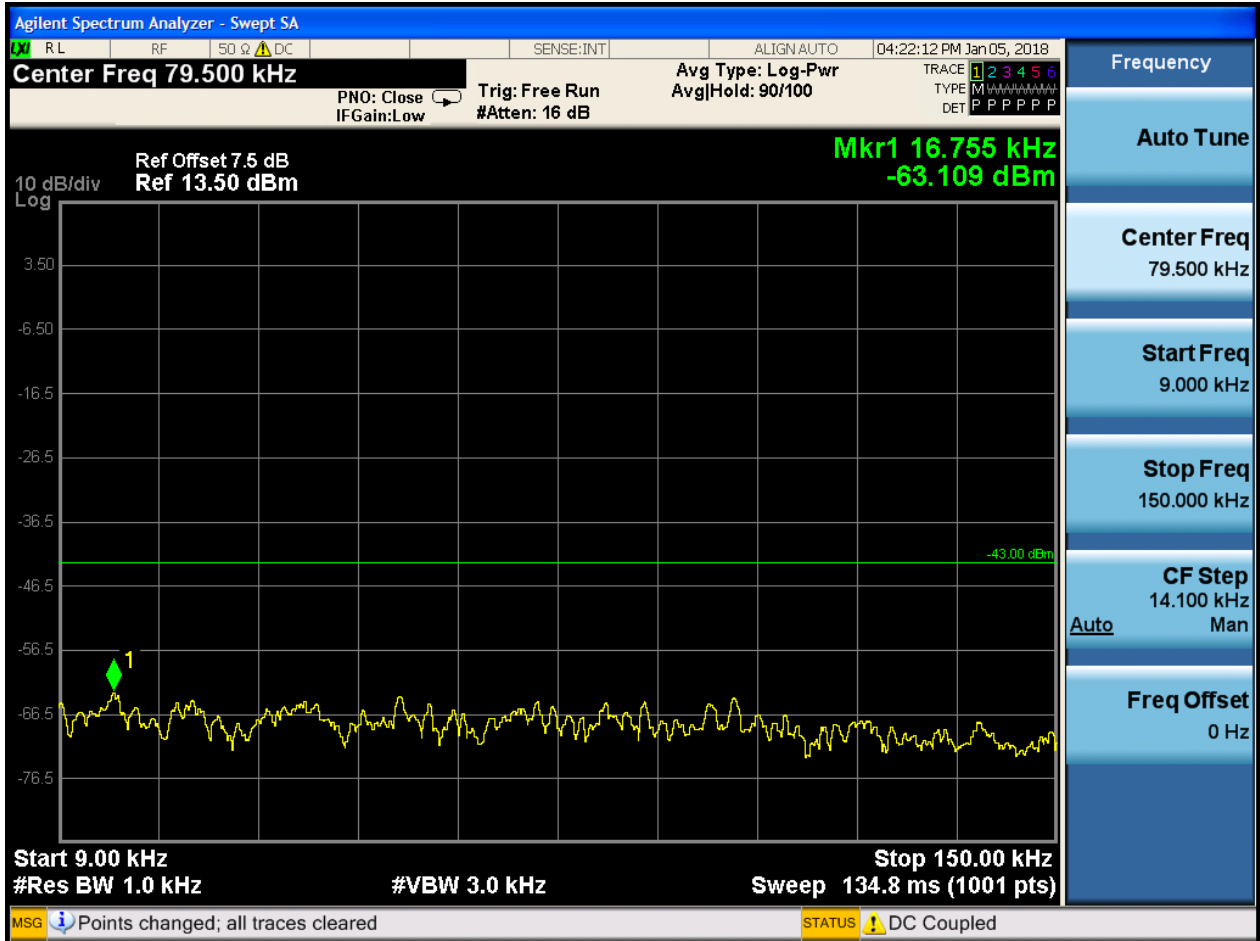


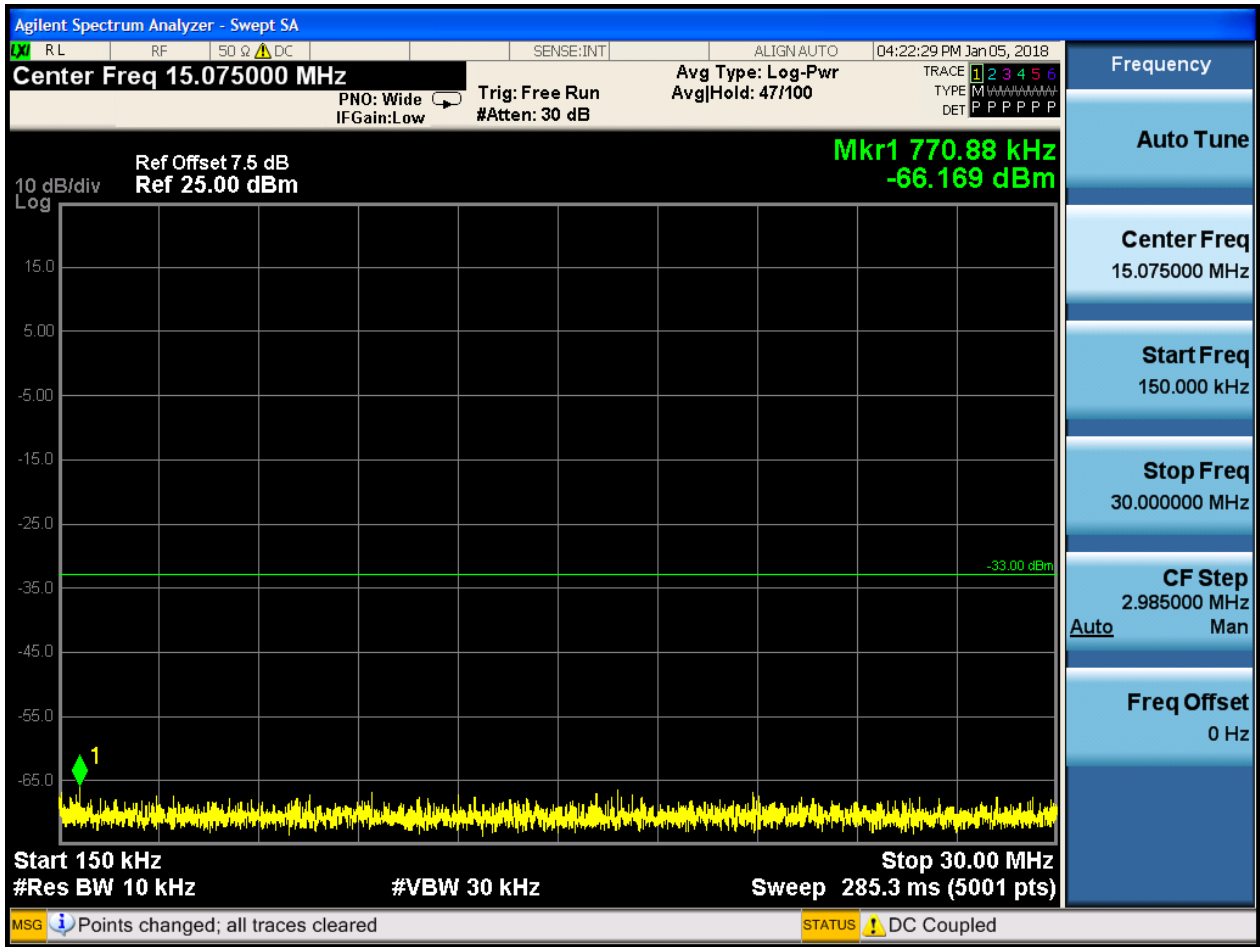


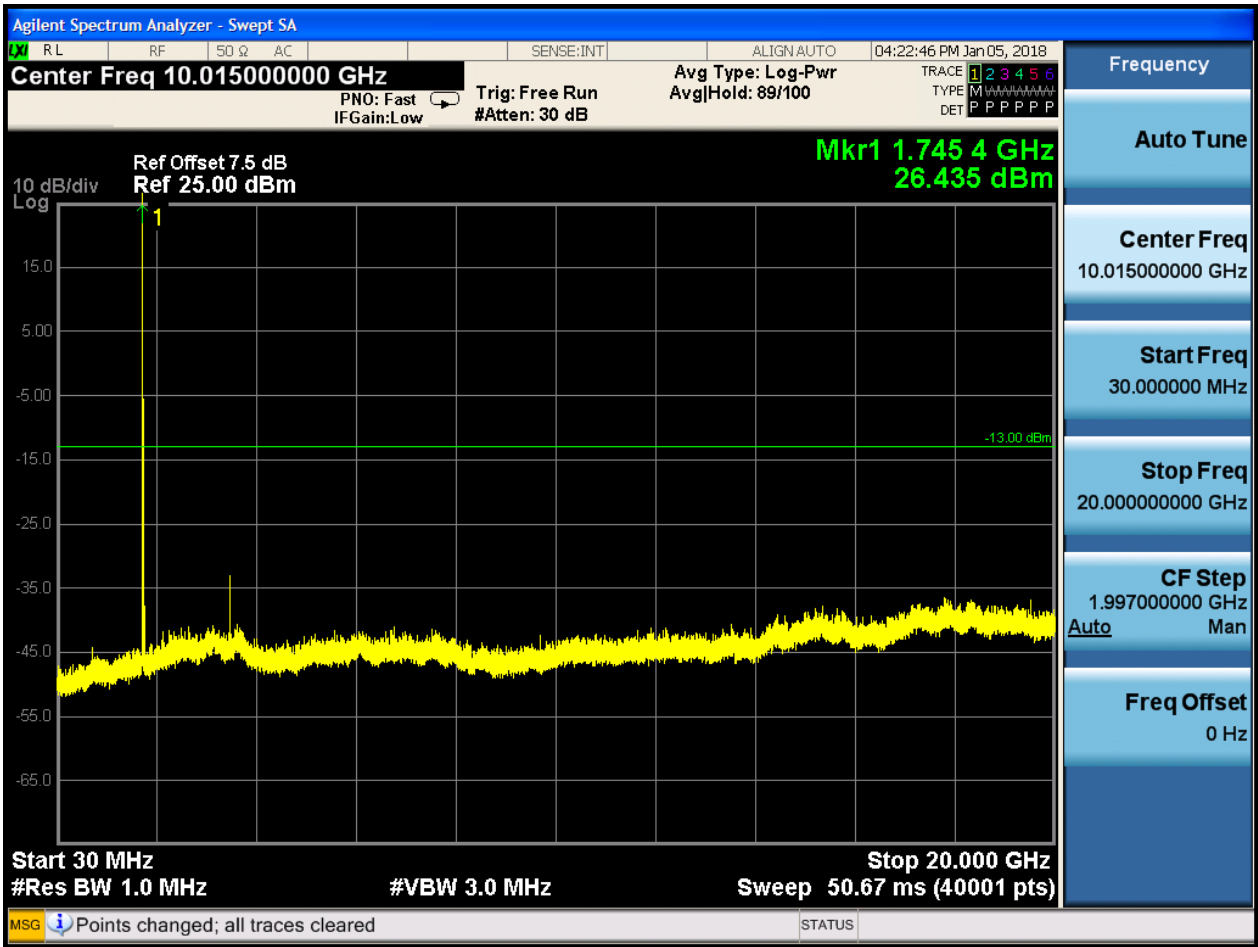


6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0





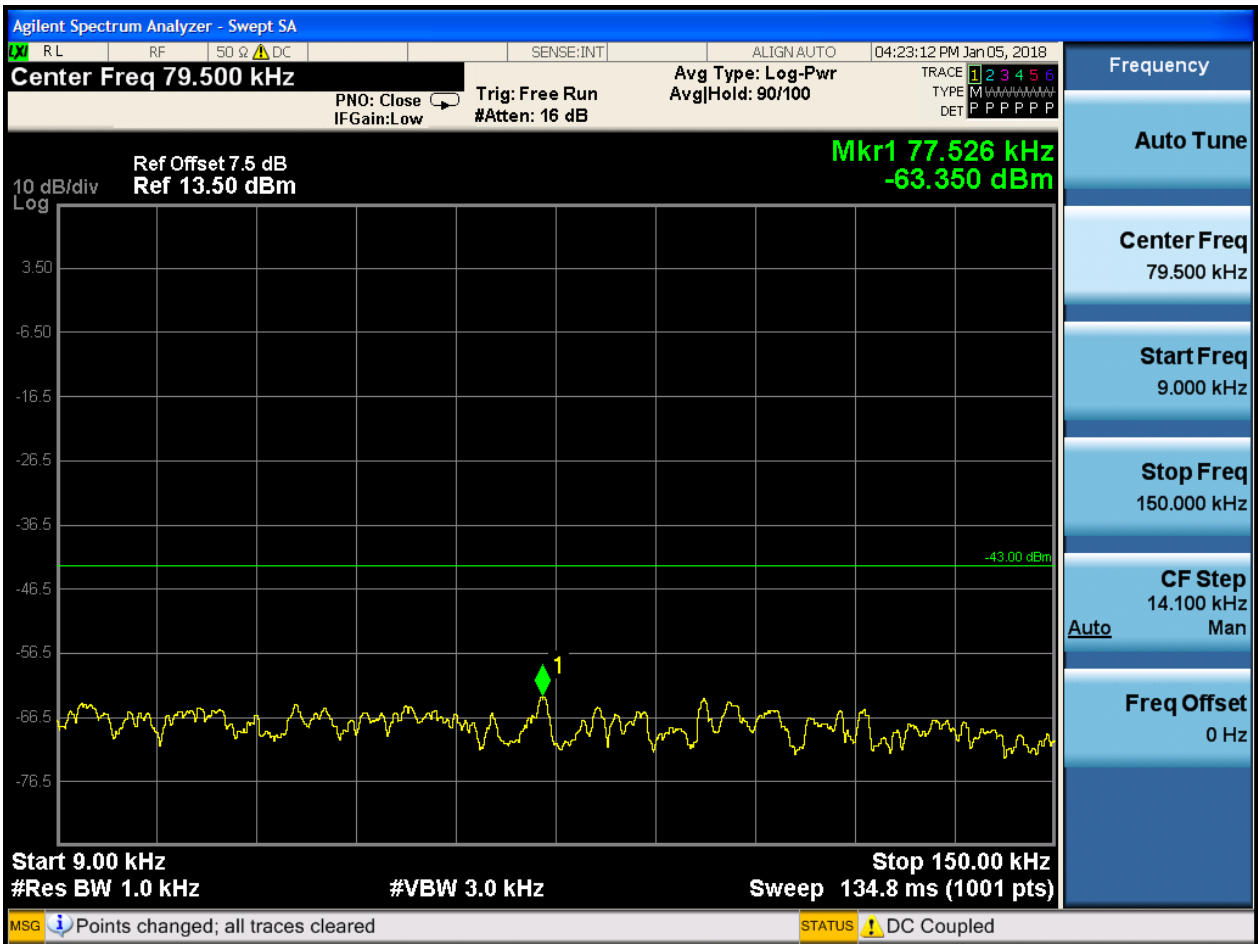


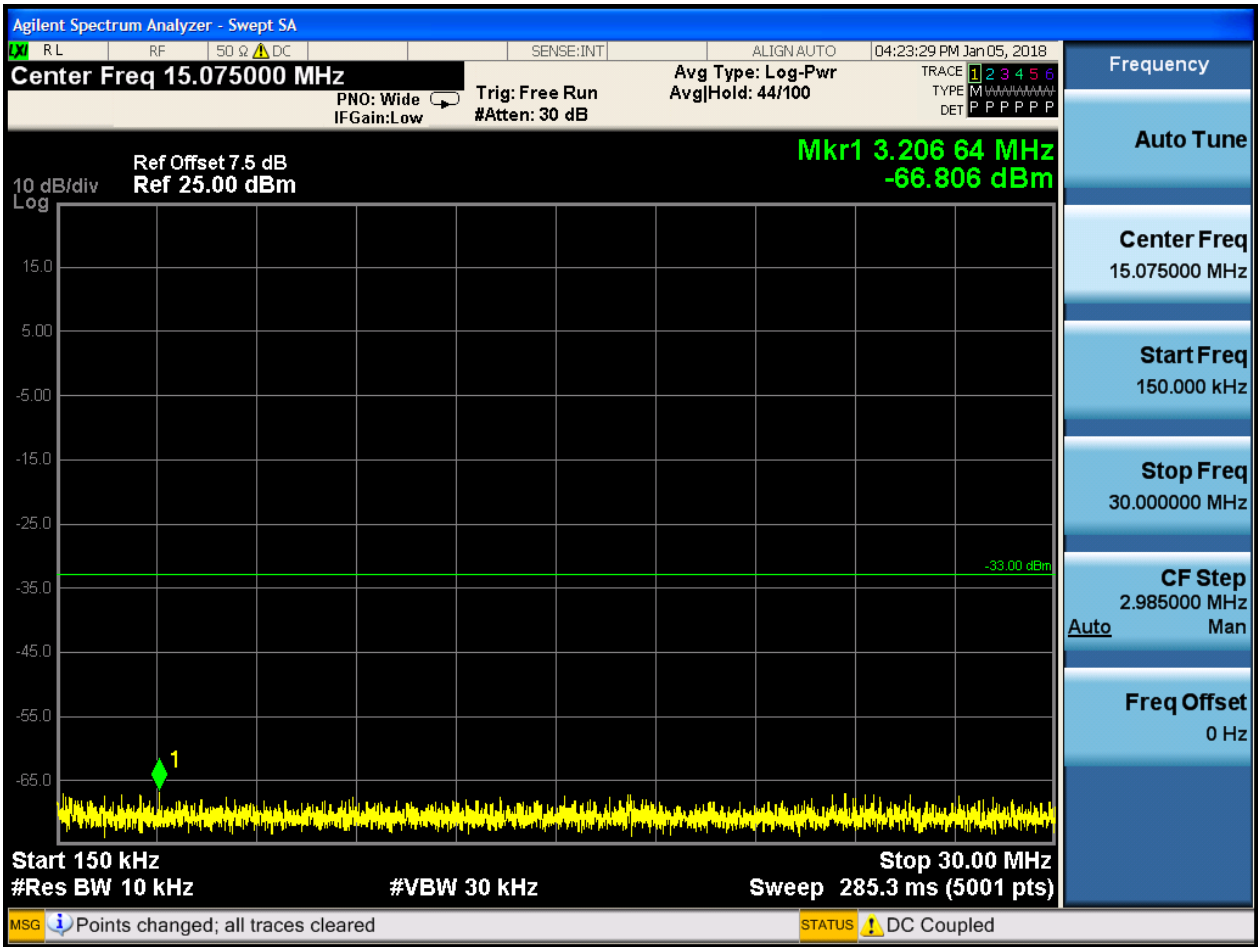


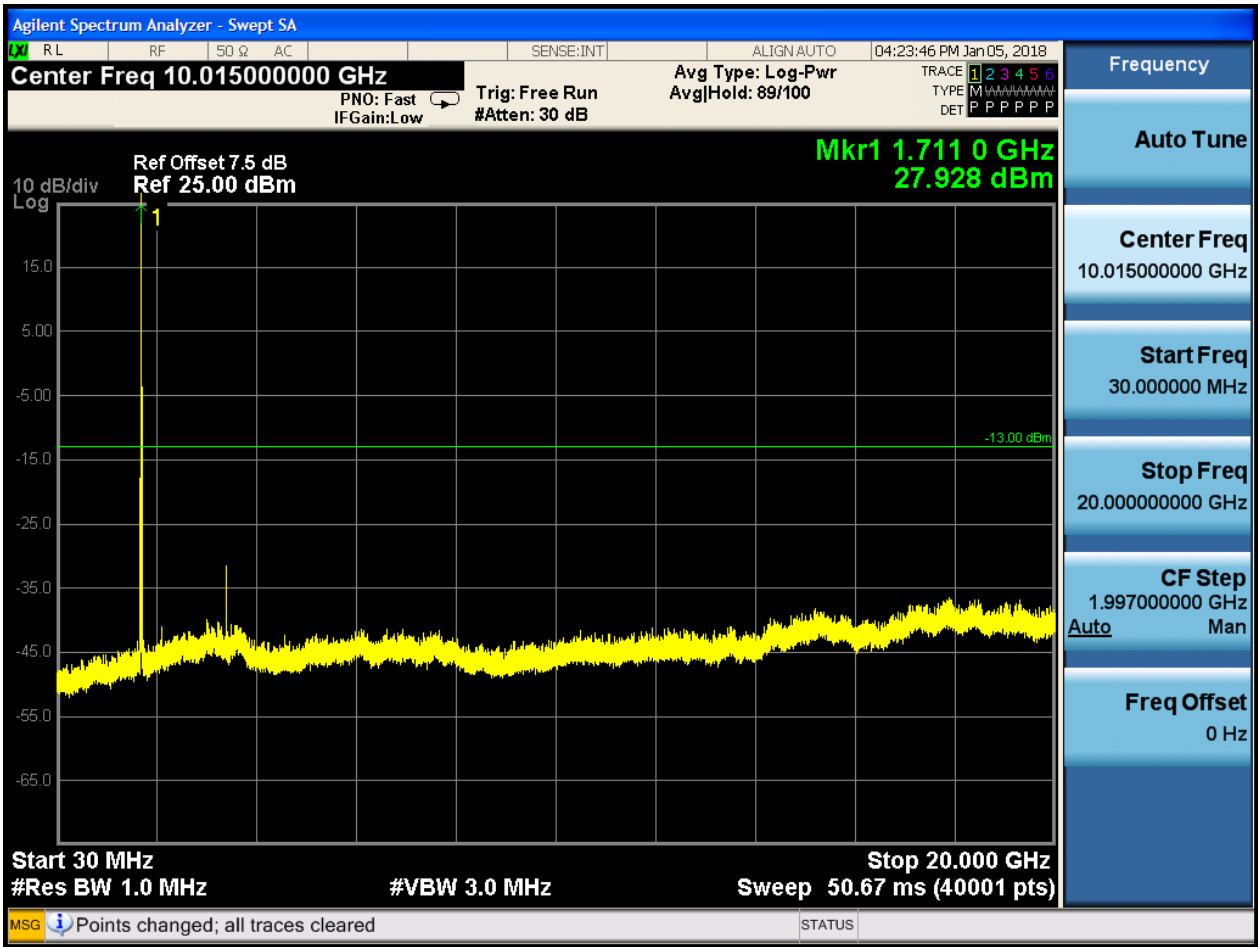
6.1.1.2.5 Test Bandwidth = 15

6.1.1.2.5.1 Test Channel = LCH

6.1.1.2.5.1.1 Test RB = RB1#0



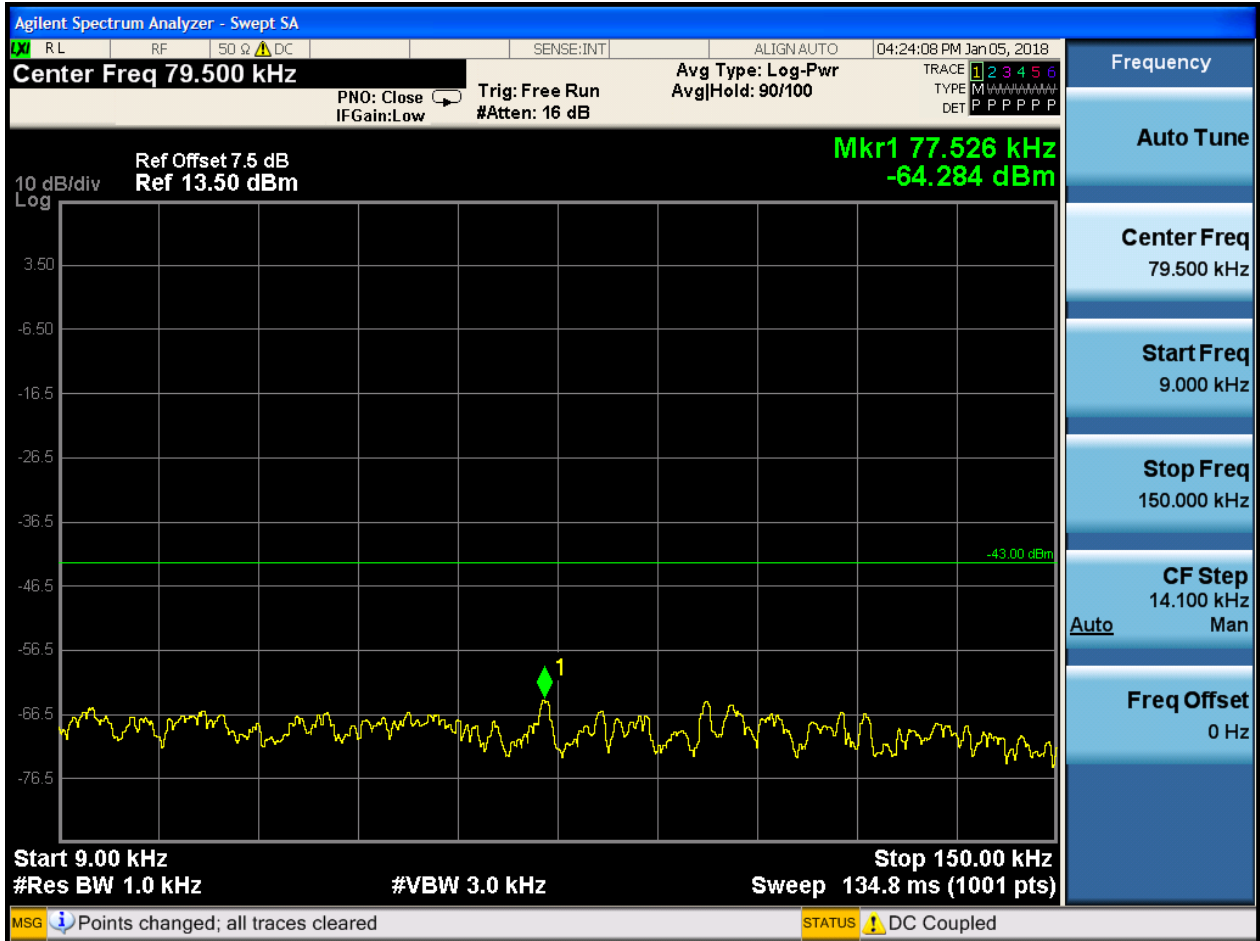




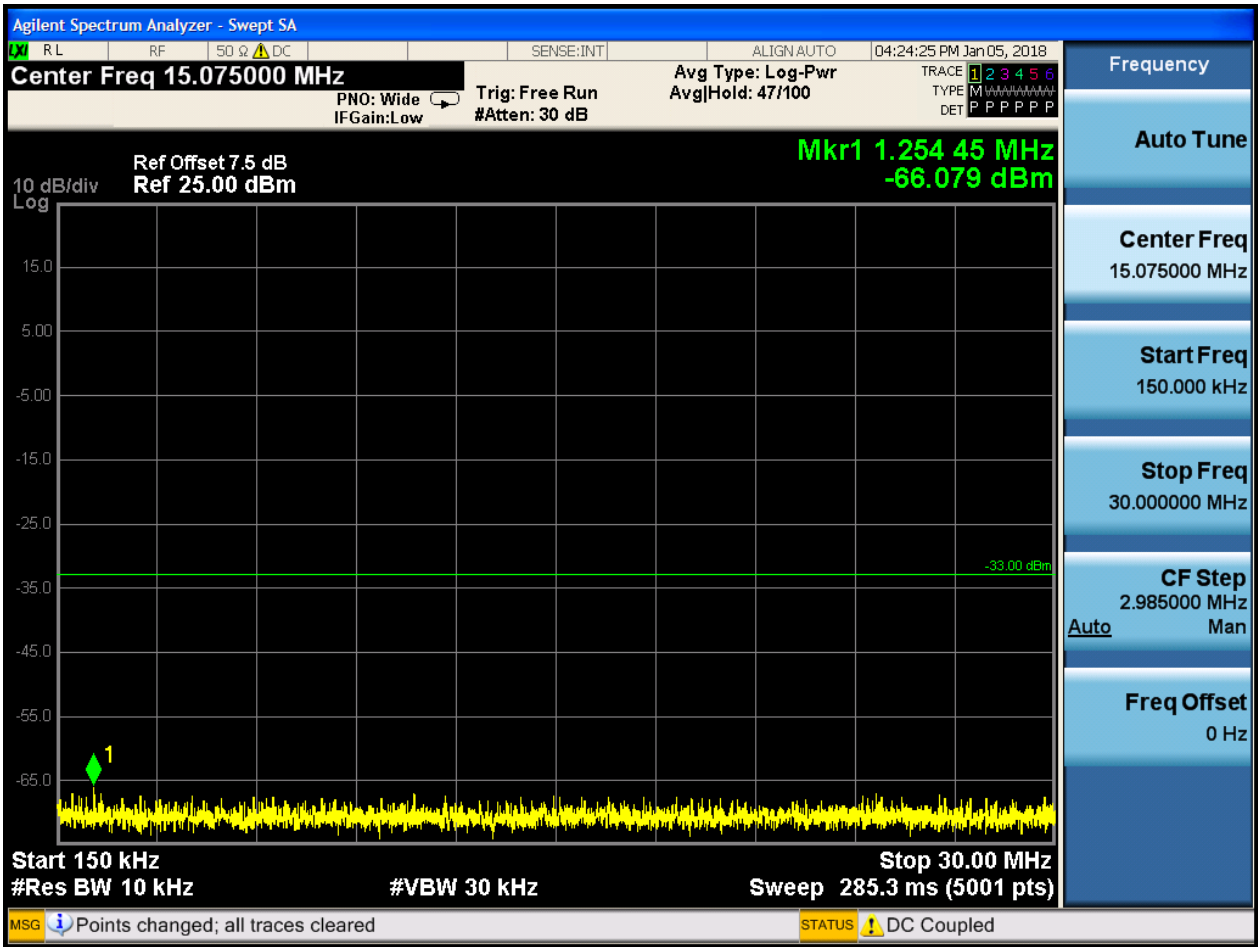


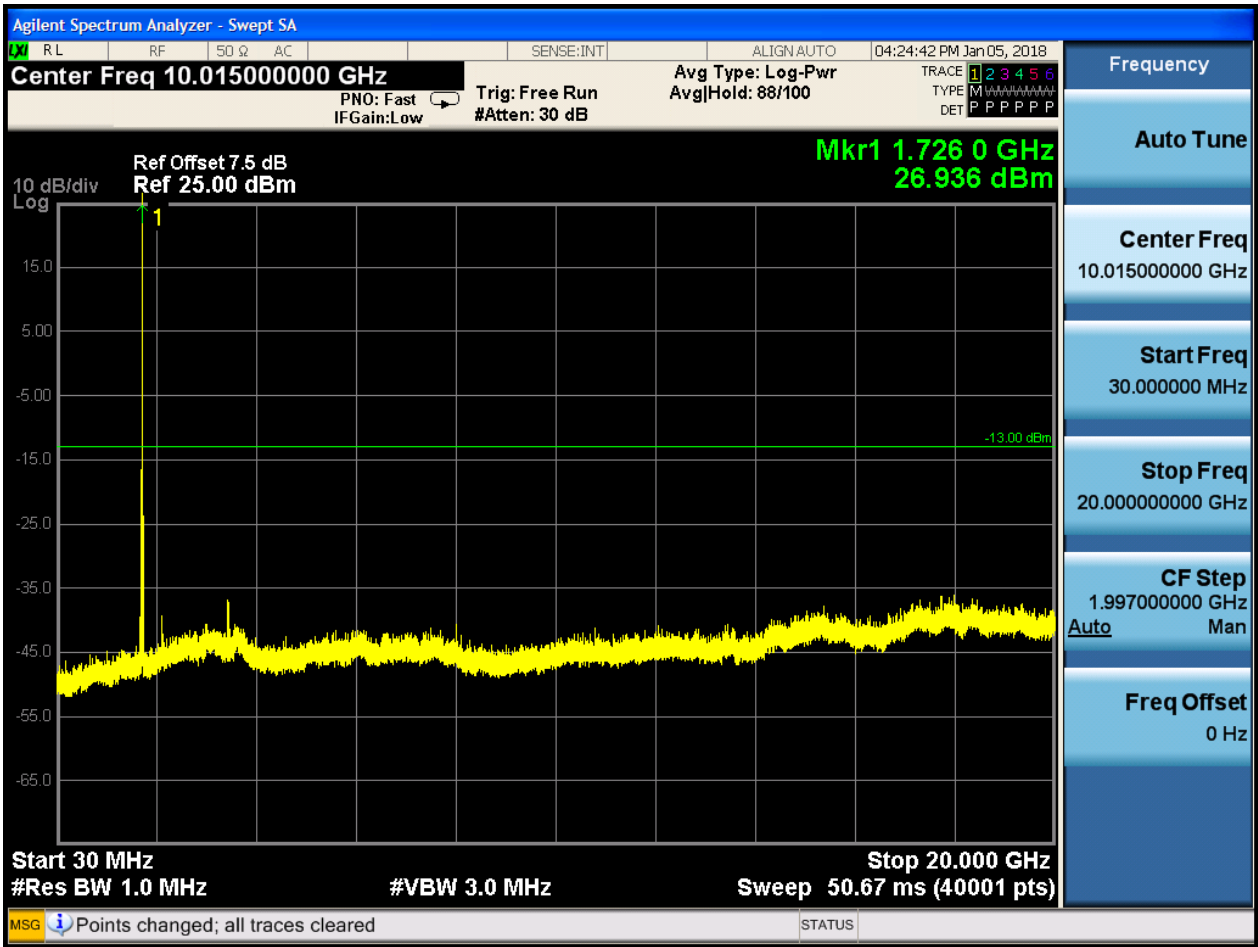
6.1.1.2.5.2 Test Channel = MCH

6.1.1.2.5.2.1 Test RB = RB1#0





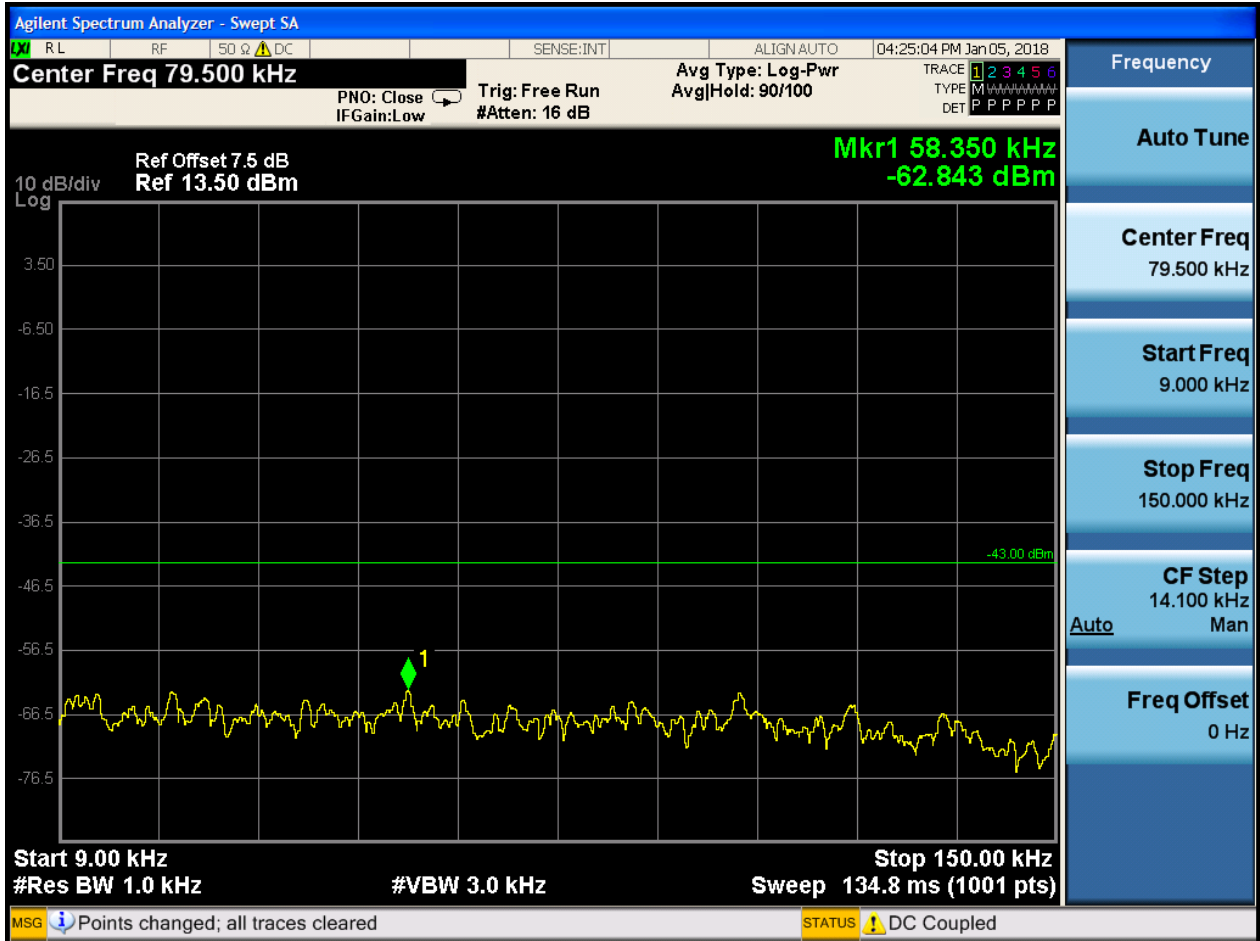


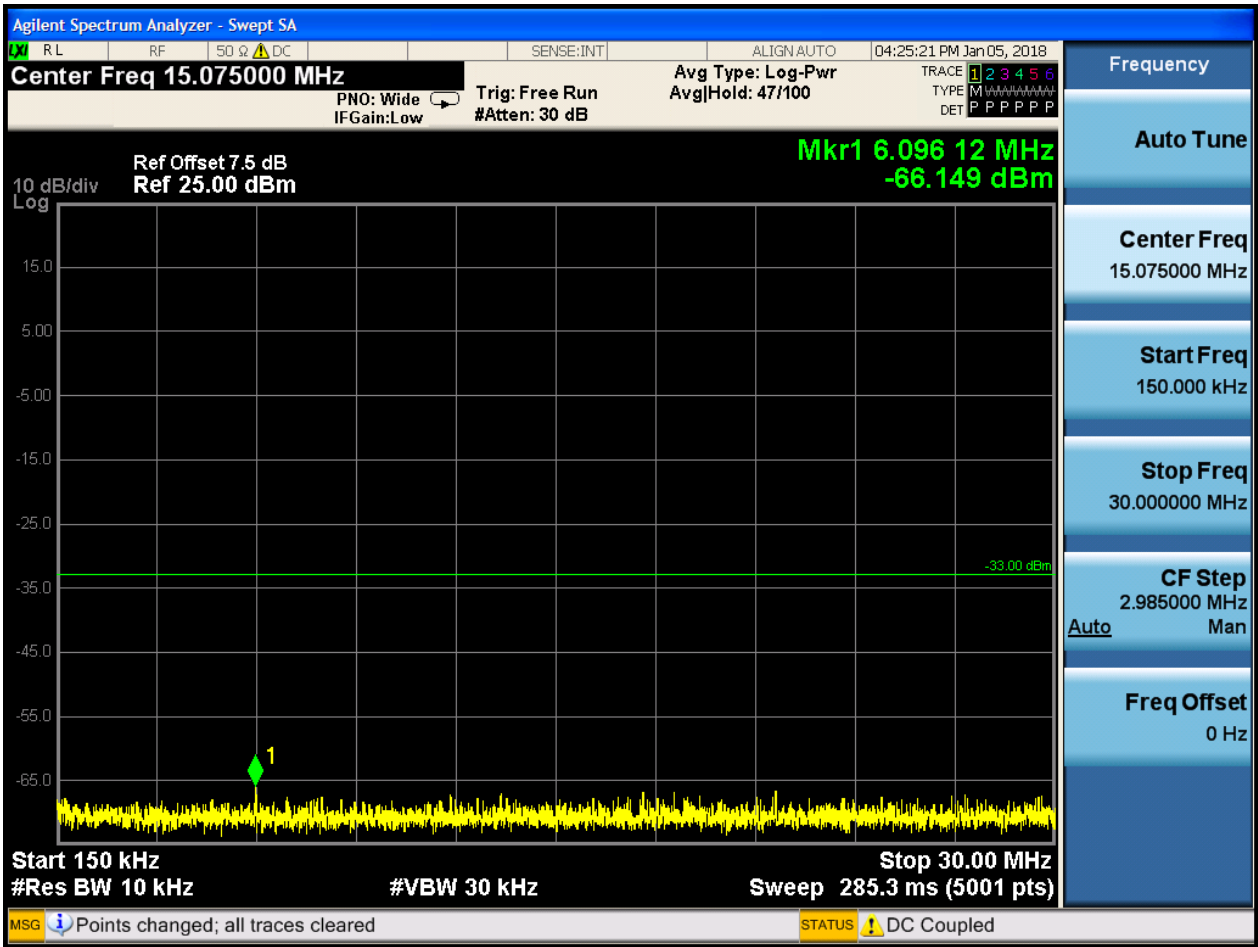


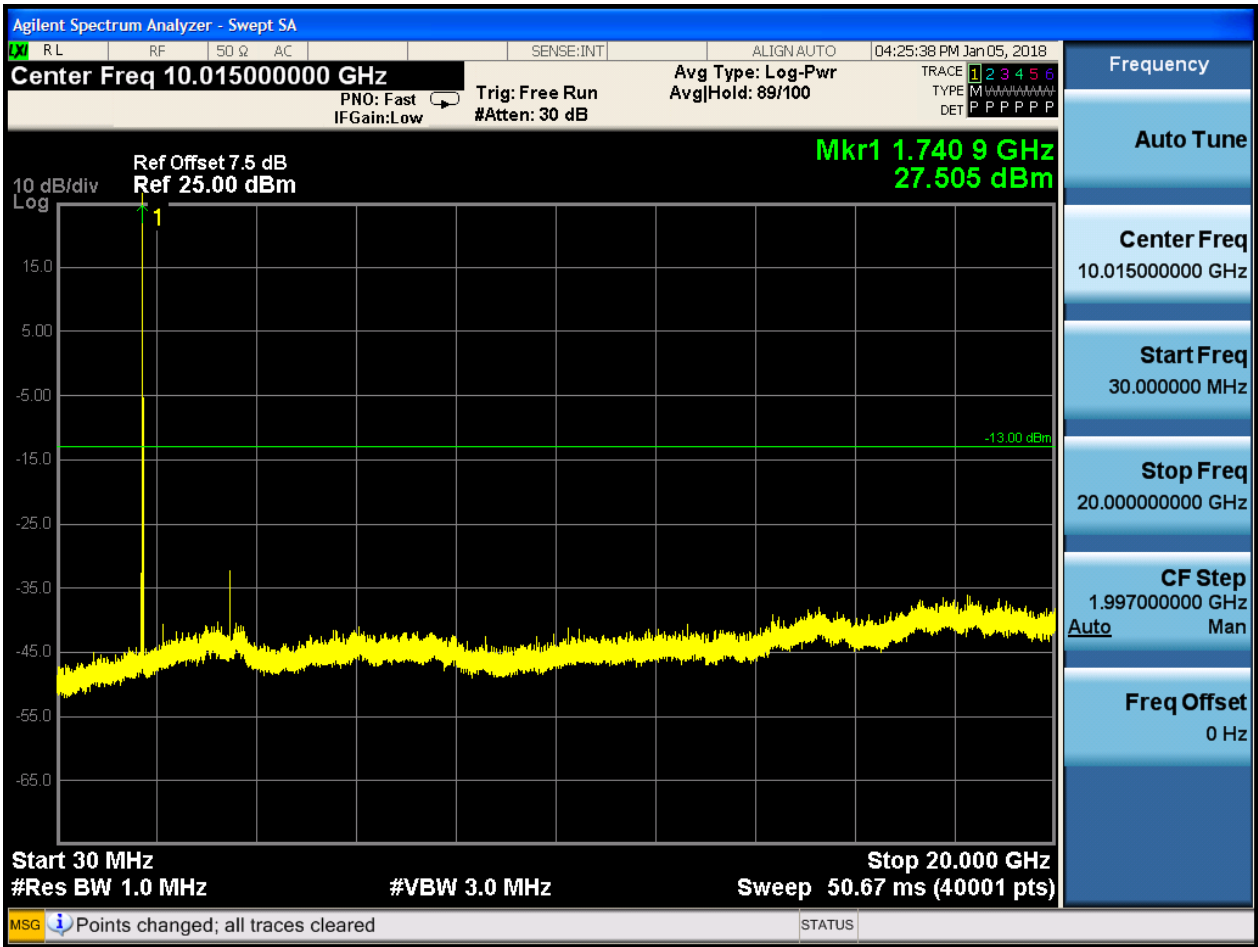


6.1.1.2.5.3 Test Channel = HCH

6.1.1.2.5.3.1 Test RB = RB1#0





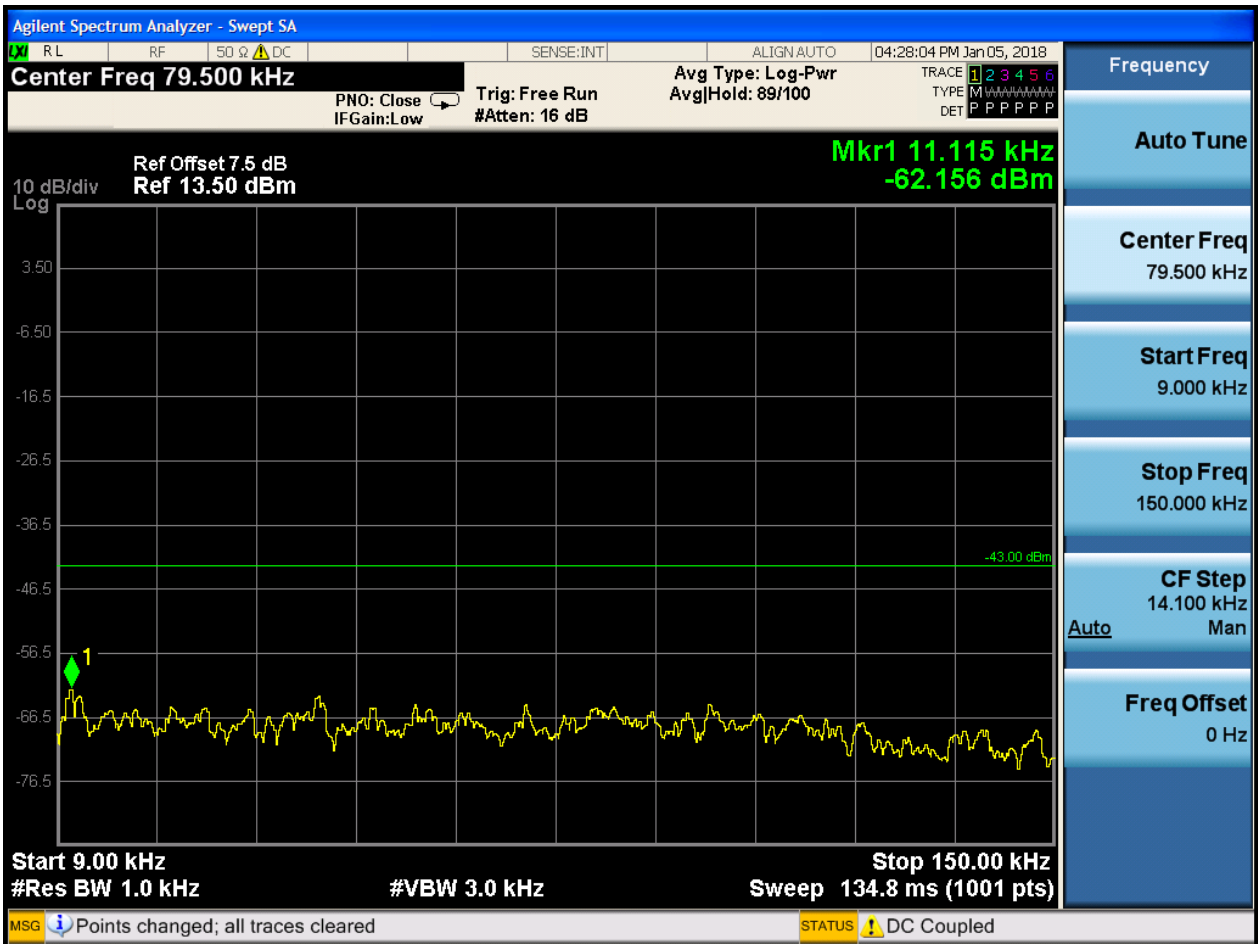


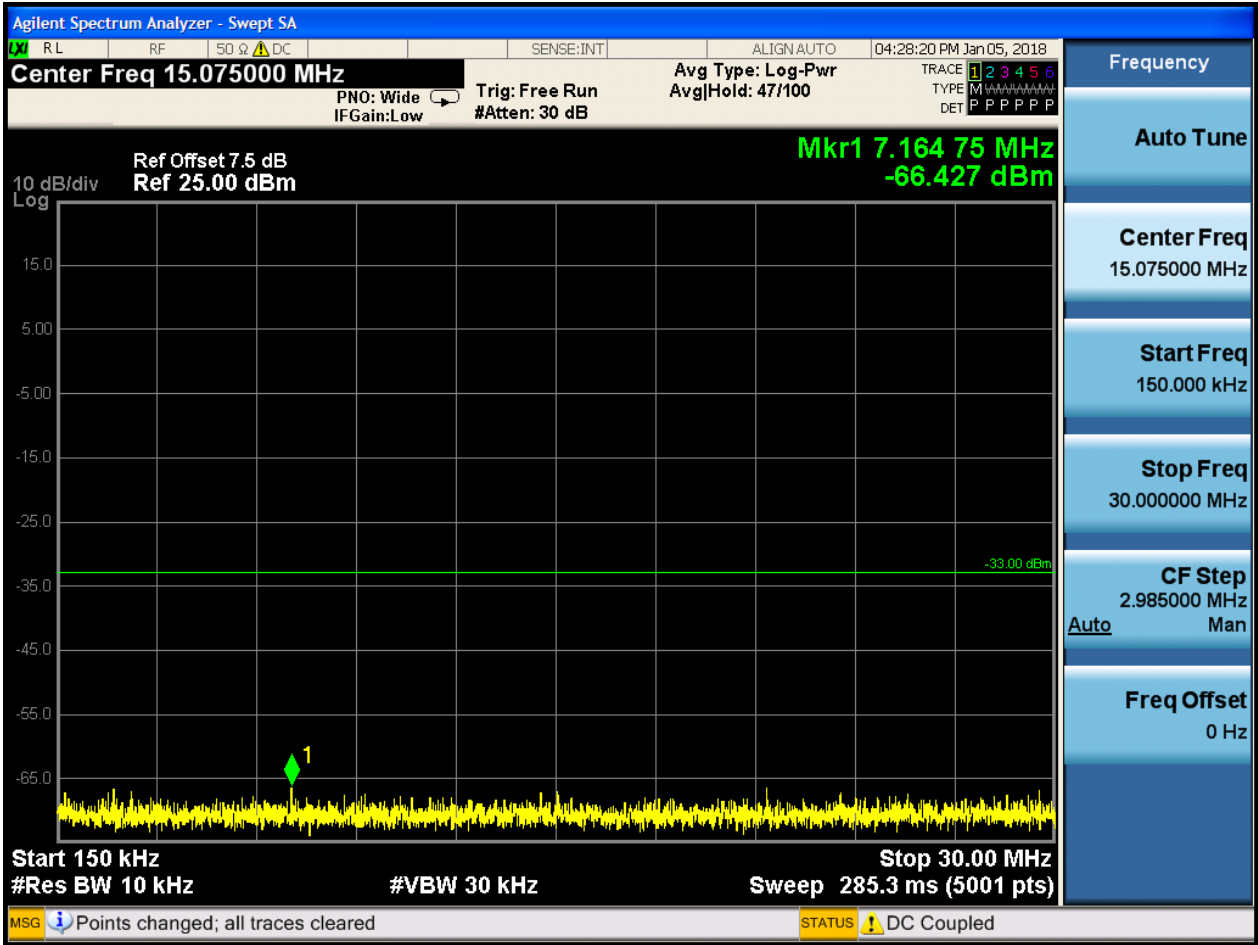


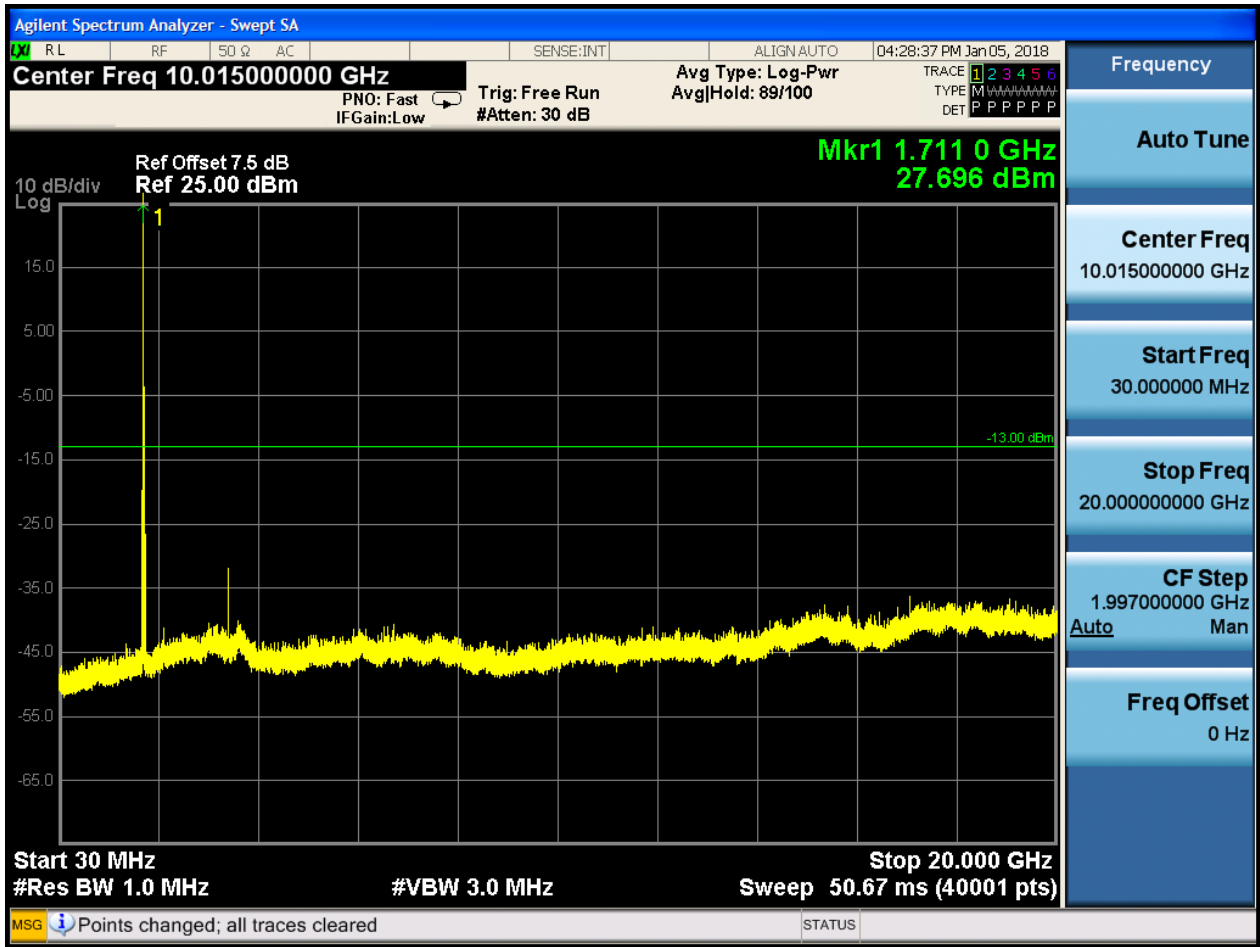
6.1.1.2.6 Test Bandwidth = 20

6.1.1.2.6.1 Test Channel = LCH

6.1.1.2.6.1.1 Test RB = RB1#0





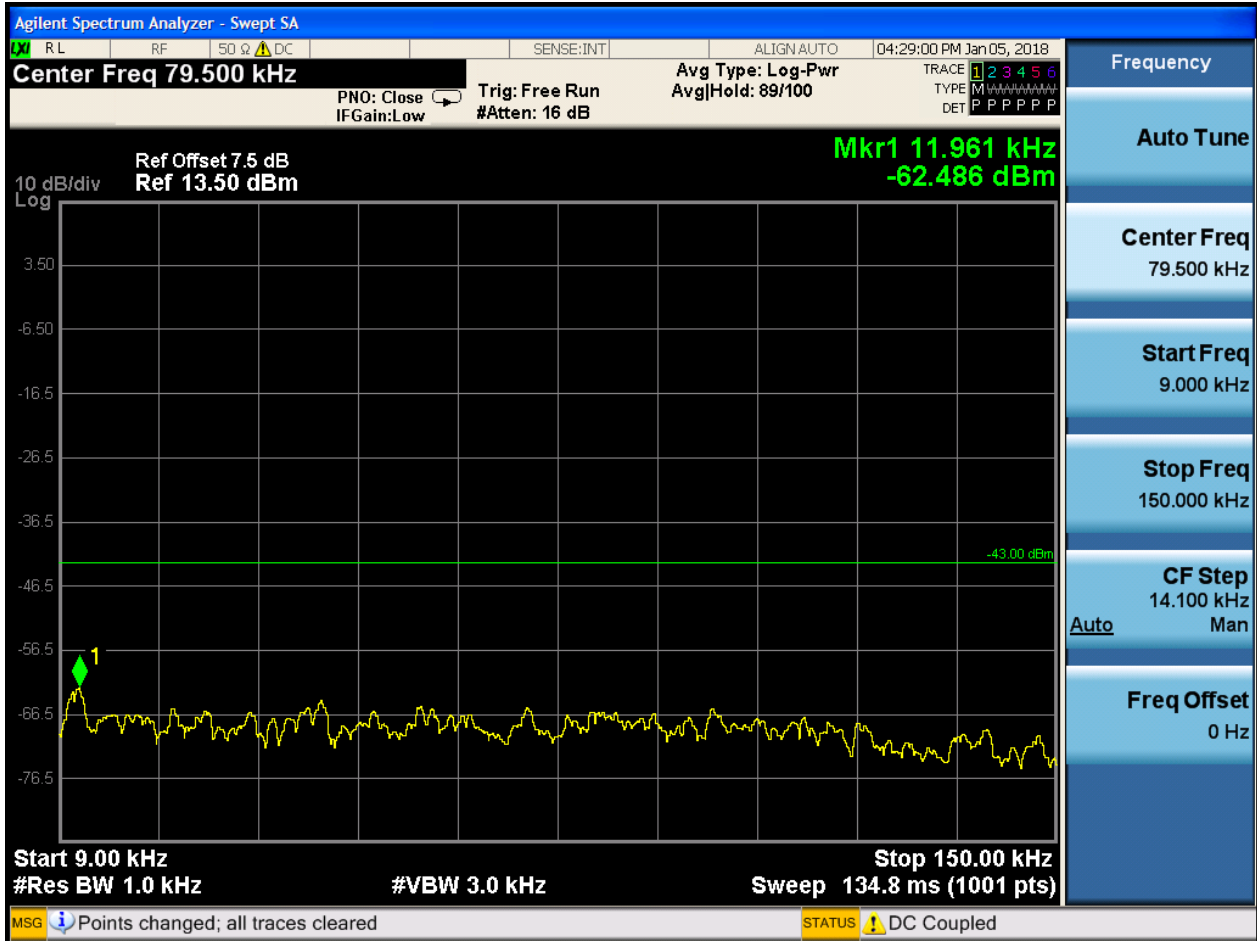


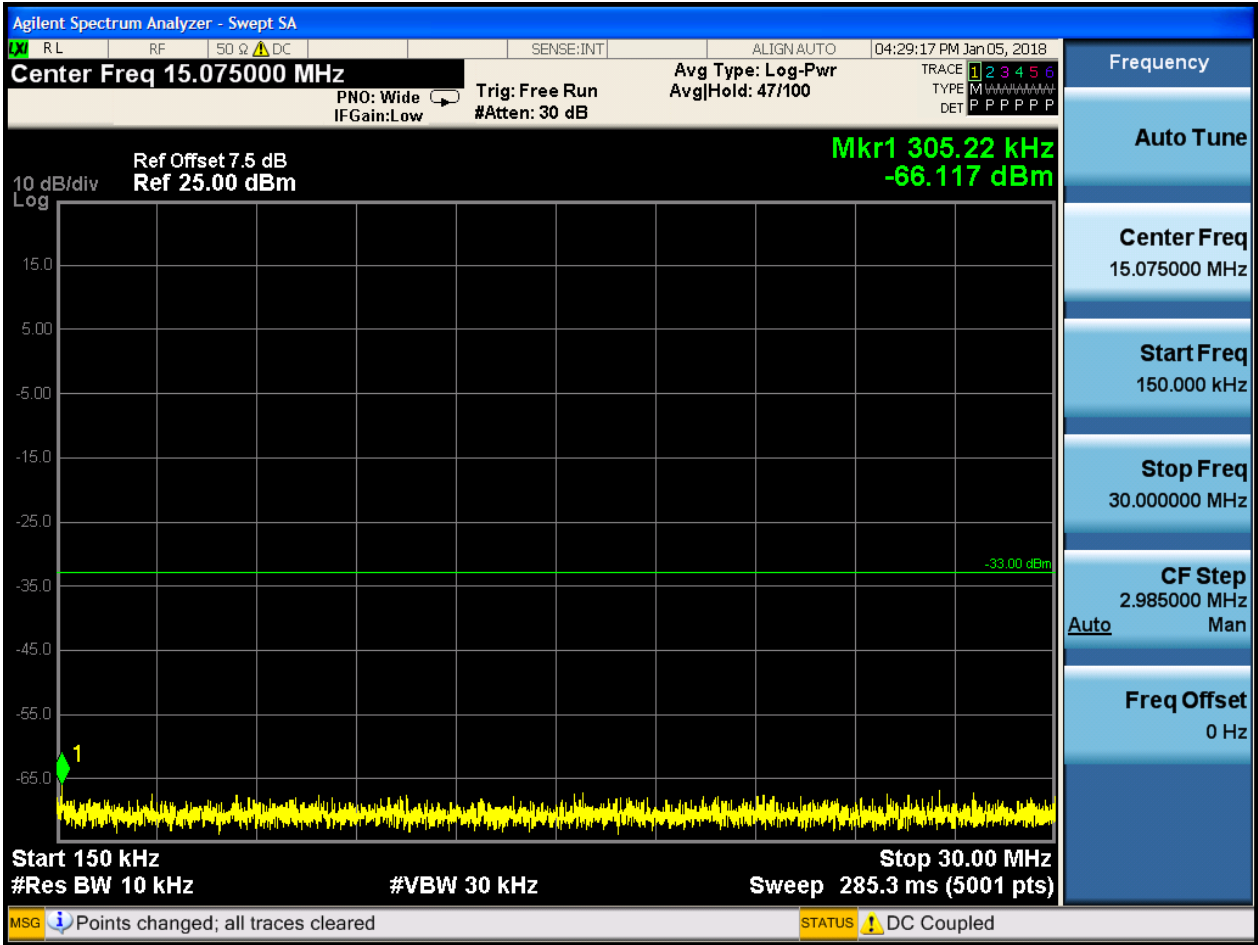


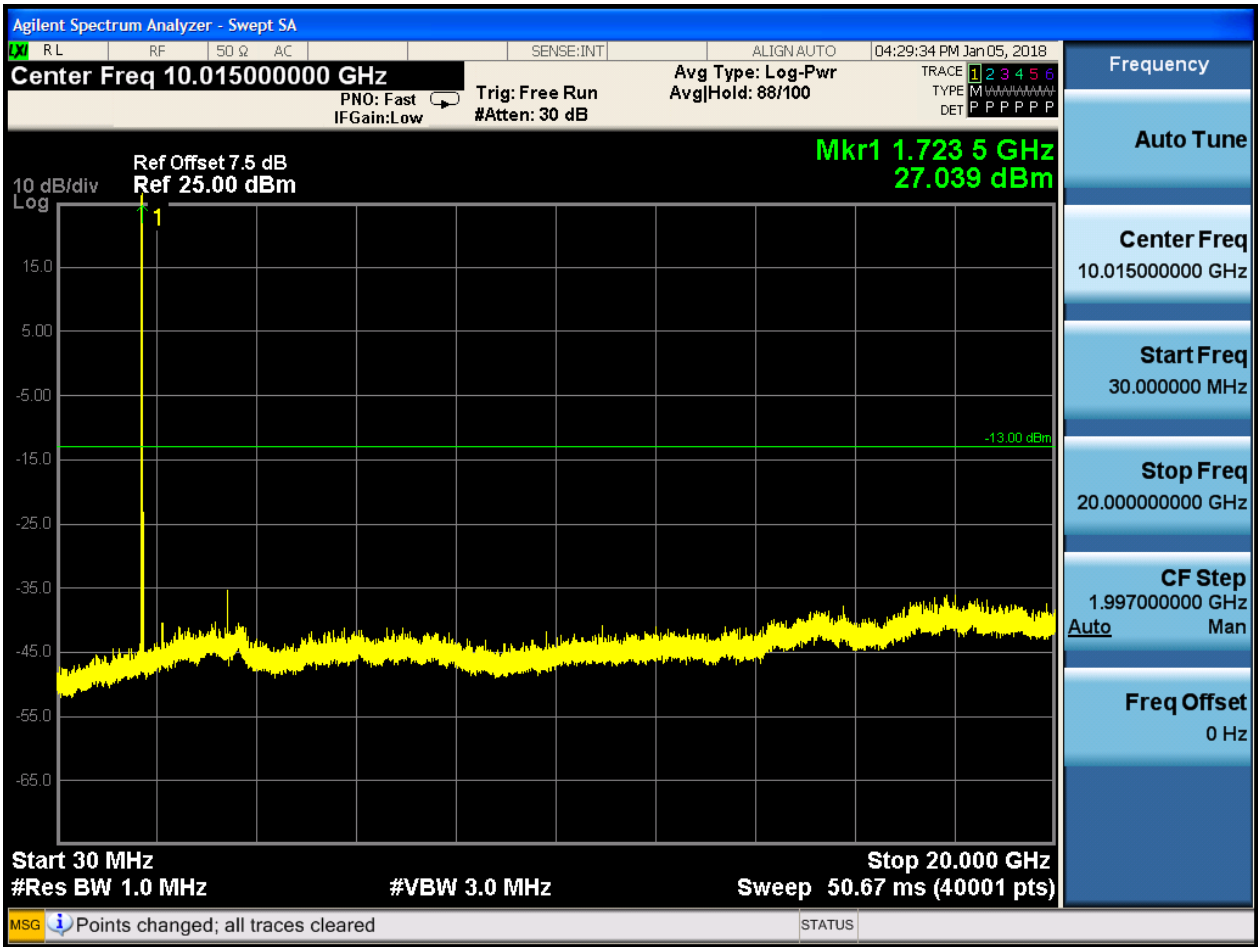


6.1.1.2.6.2 Test Channel = MCH

6.1.1.2.6.2.1 Test RB = RB1#0



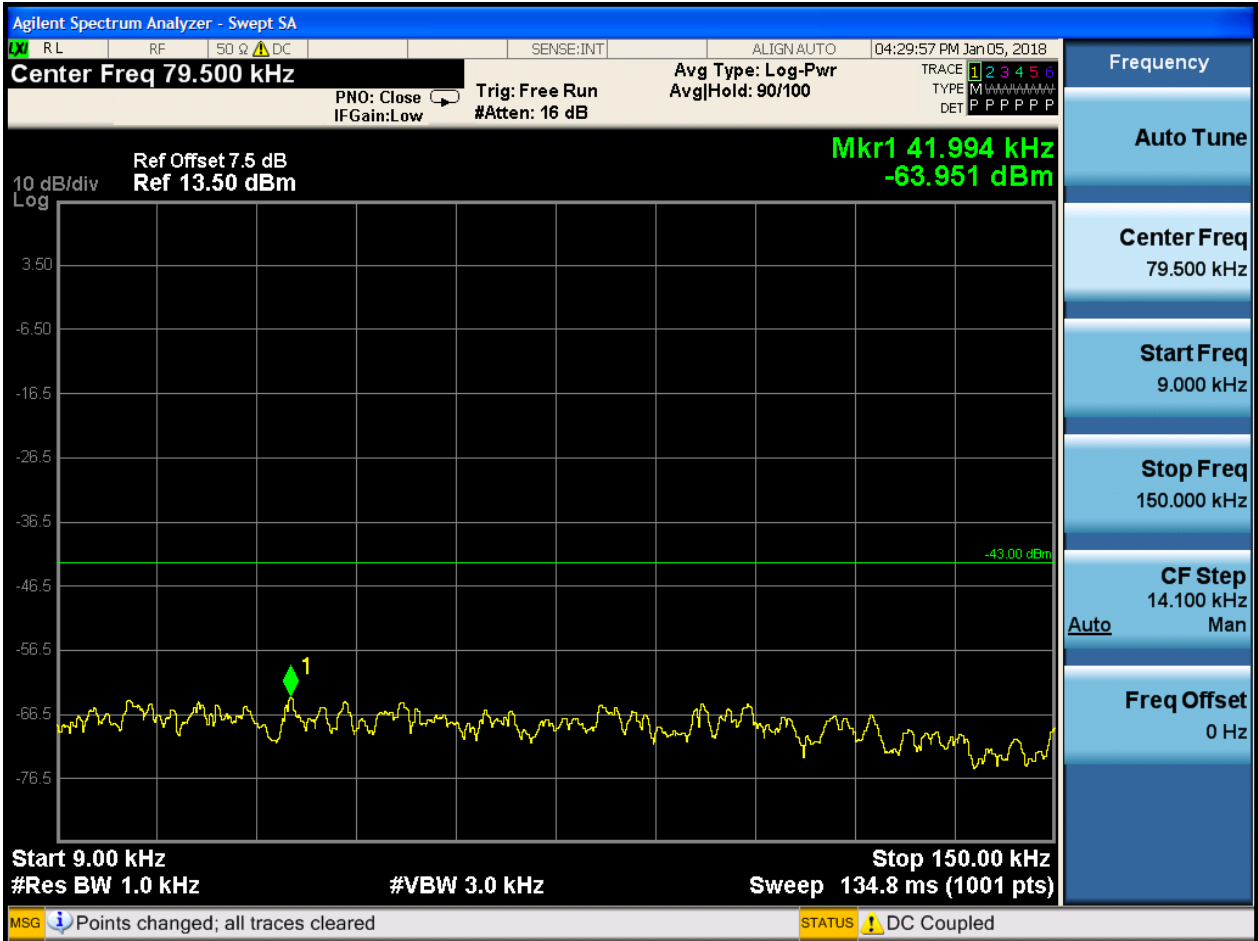


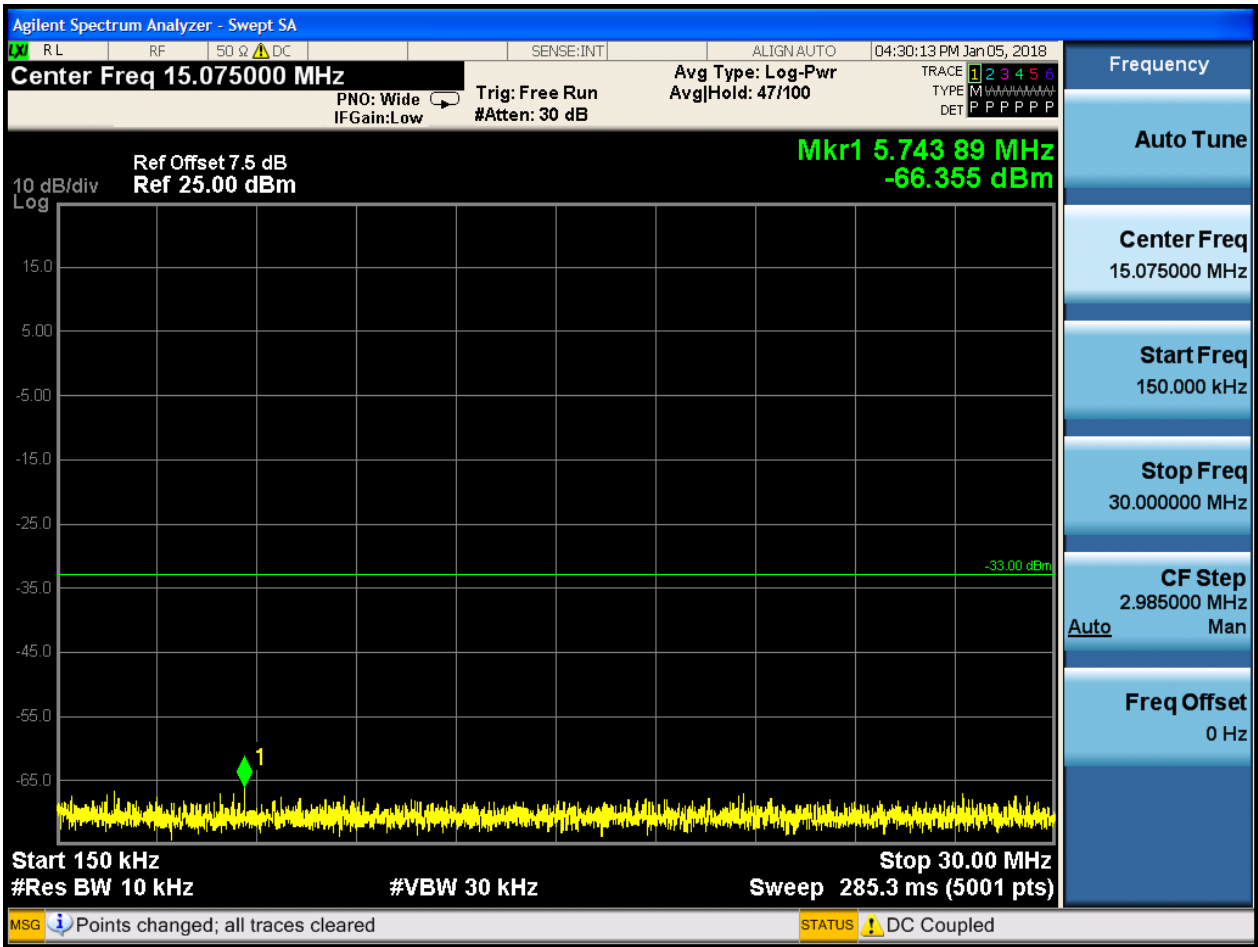


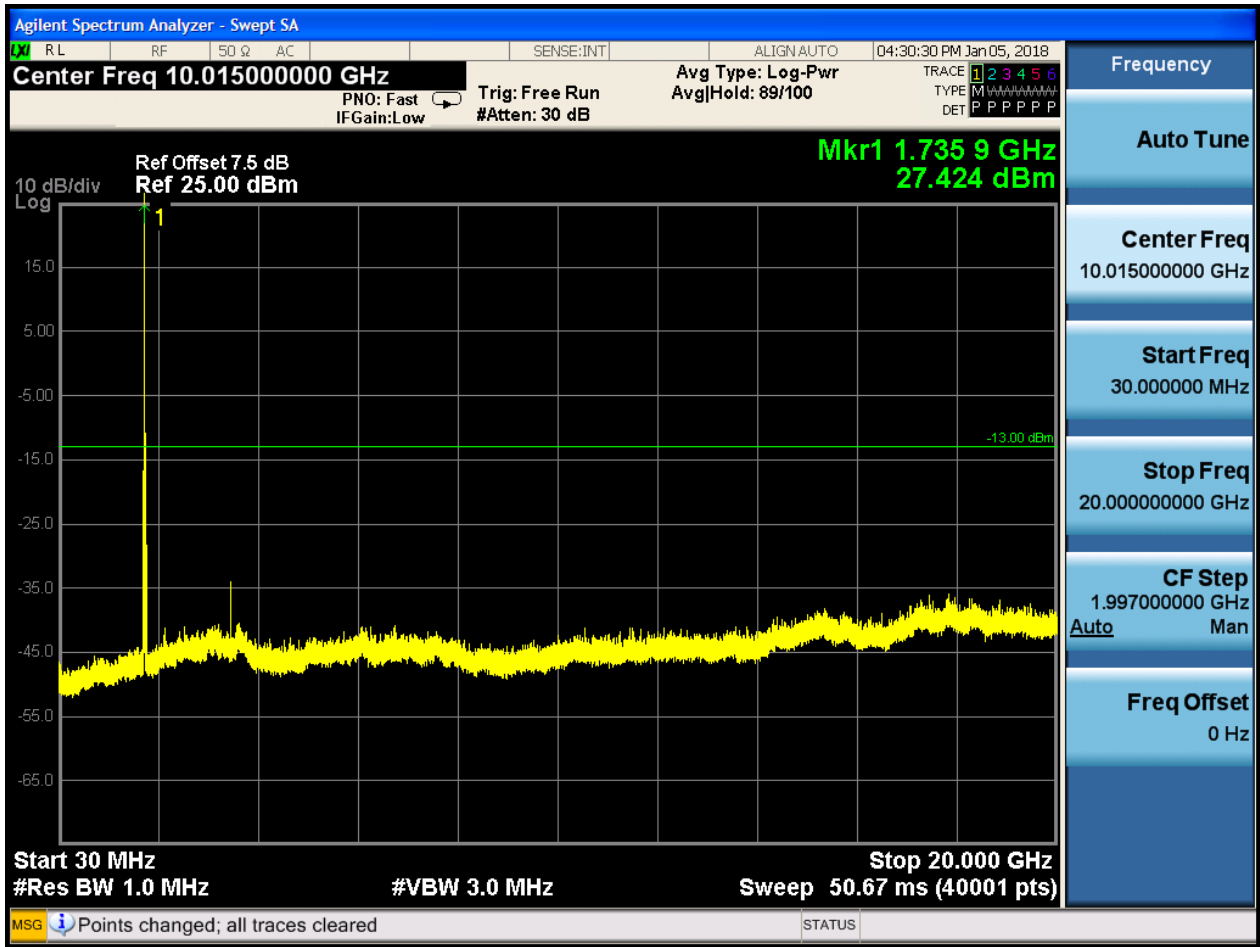


6.1.1.2.6.3 Test Channel = HCH

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

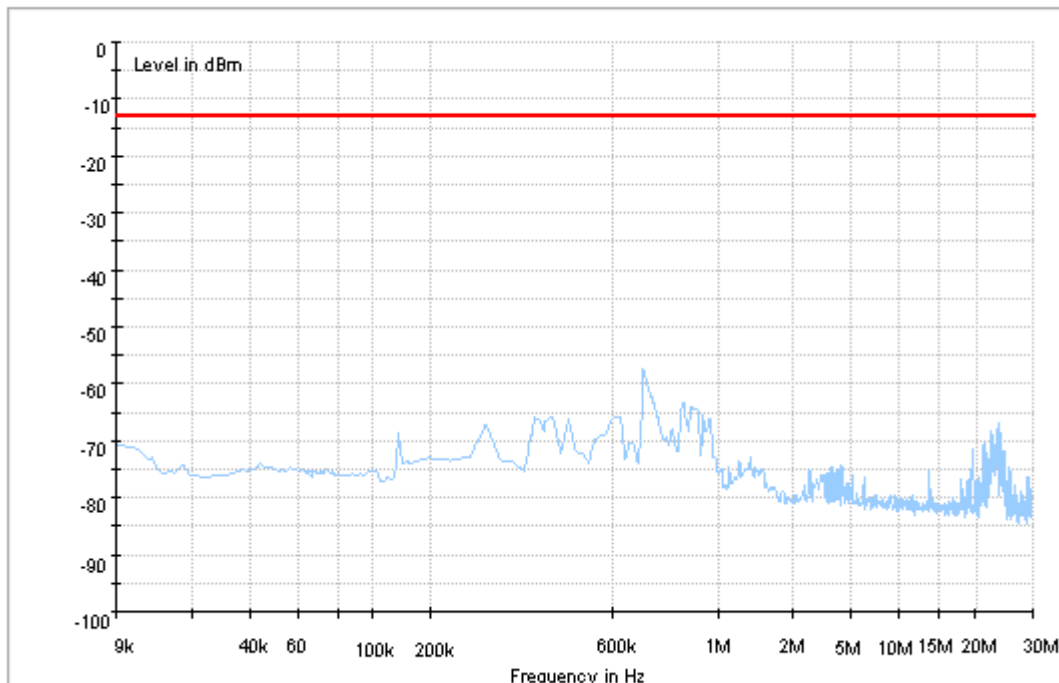
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

### Part I - Test Plots

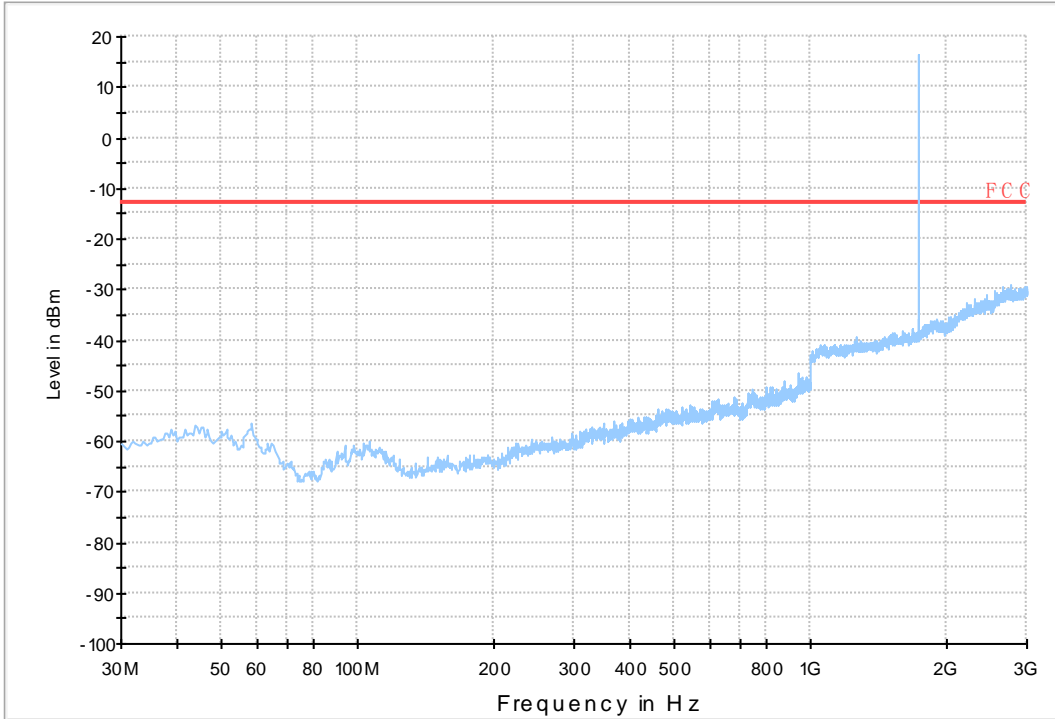
#### 7.1 For LTE

##### 7.1.1 Test Band = BAND4

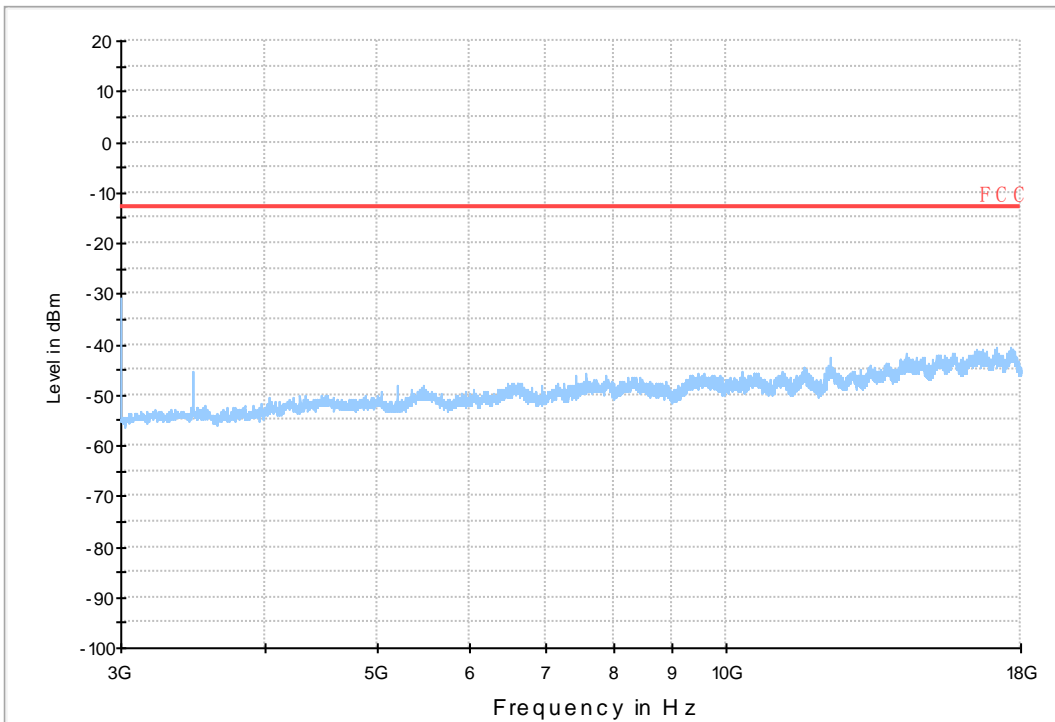
##### 7.1.1.1 Test Bandwidth = 1.4



Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_L

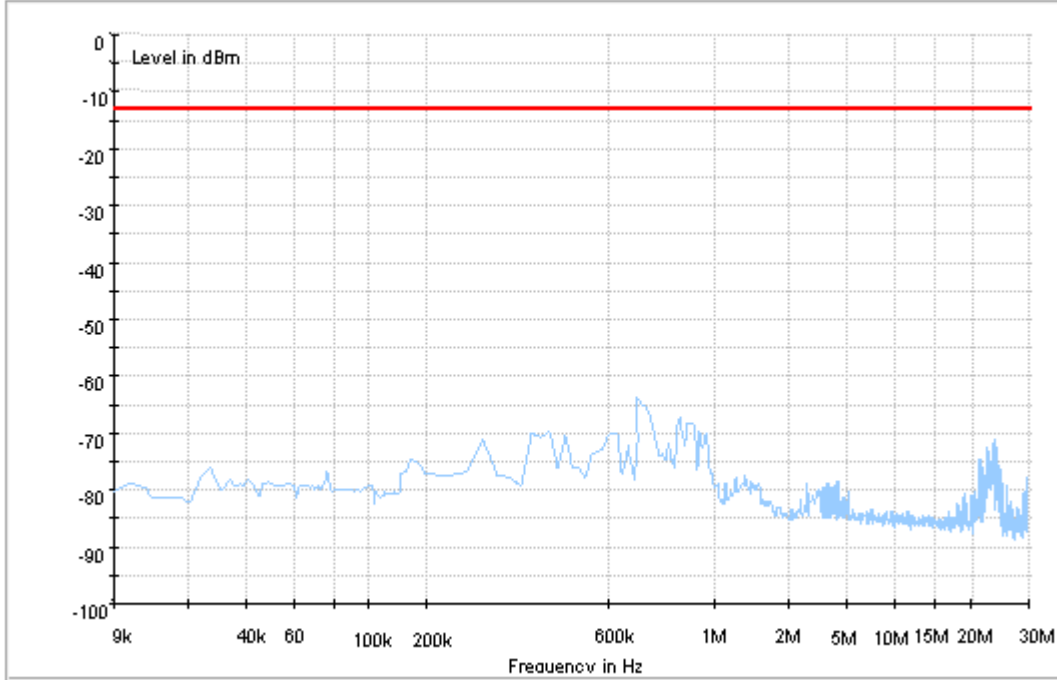


Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_H

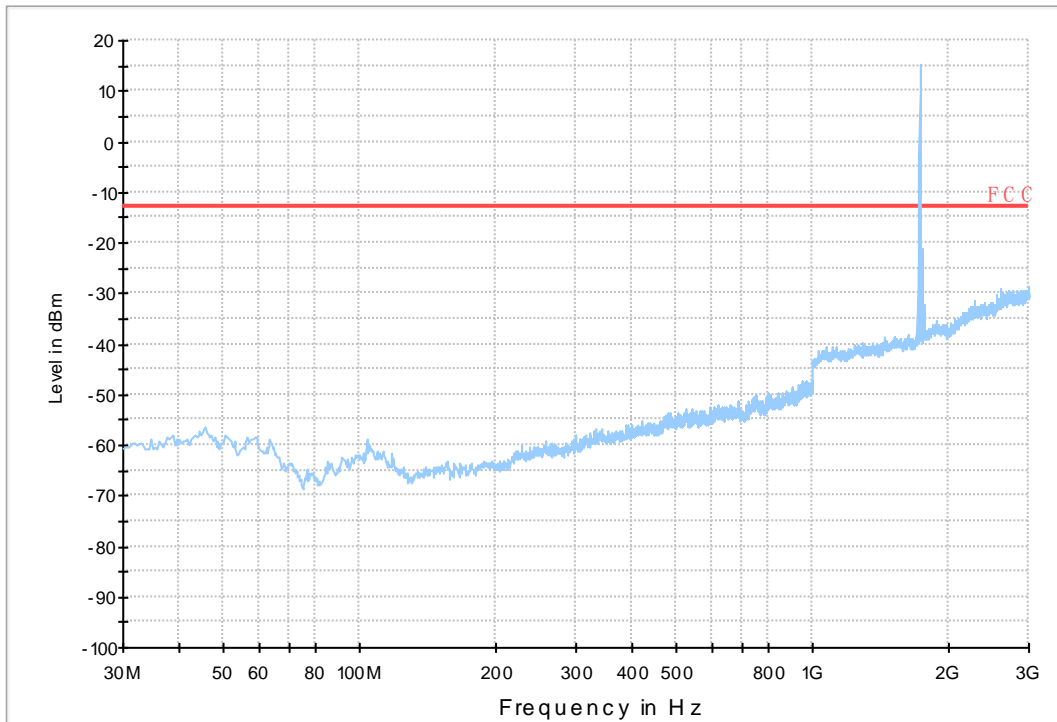




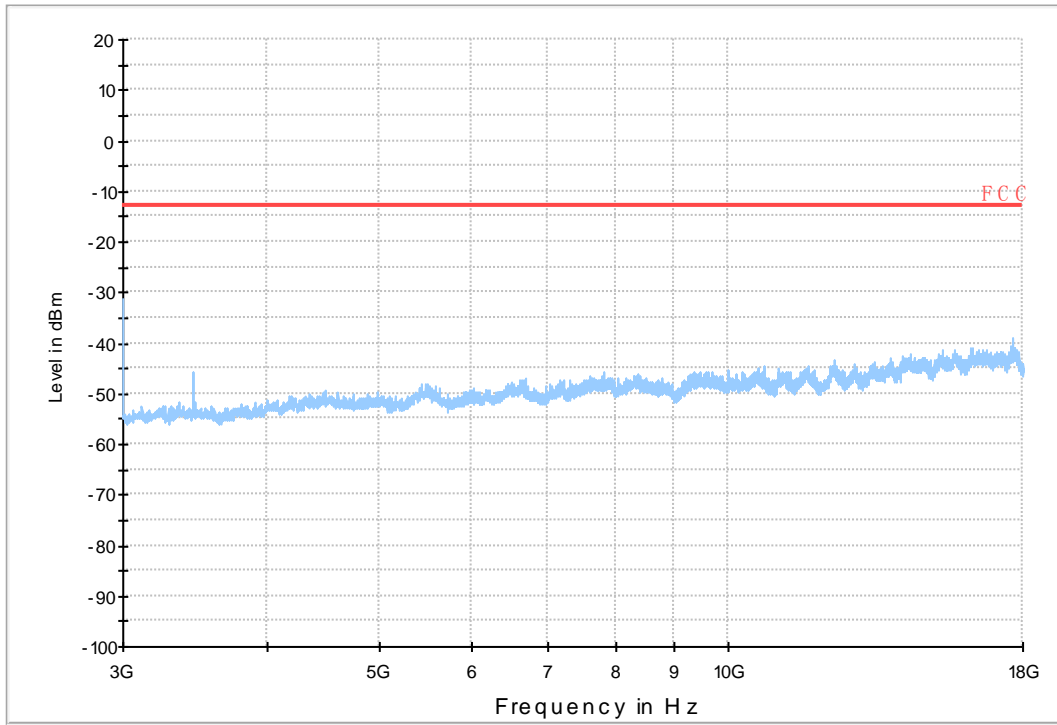
### 7.1.1.3 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_L



Copy of RSE-TX-DIRECTOR ABOVE 1.5G\_H





## 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
BAND4	LTE/TM1	1.4	LCH	TN	VL	-2.27	-0.00133	PASS
					VN	2.5	0.00146	PASS
					VH	1.29	0.00075	PASS
			MCH	TN	VL	-2.3	-0.00133	PASS
					VN	-6.61	-0.00382	PASS
					VH	-3.73	-0.00215	PASS
			HCH	TN	VL	-2.86	-0.00163	PASS
					VN	-3.18	-0.00181	PASS
					VH	-1.79	-0.00102	PASS
		3	LCH	TN	VL	-2.36	-0.00138	PASS
					VN	-1.47	-0.00086	PASS
					VH	-1.8	-0.00105	PASS
			MCH	TN	VL	-4.12	-0.00238	PASS
					VN	-0.76	-0.00044	PASS
					VH	-3.22	-0.00186	PASS
			HCH	TN	VL	-2.16	-0.00123	PASS
					VN	-1.7	-0.00097	PASS
					VH	-0.76	-0.00043	PASS
		5	LCH	TN	VL	0.59	0.00034	PASS
					VN	4.19	0.00245	PASS
					VH	1.93	0.00113	PASS
			MCH	TN	VL	-4.65	-0.00268	PASS
					VN	-7.28	-0.0042	PASS
					VH	-5.71	-0.0033	PASS
			HCH	TN	VL	-3.73	-0.00213	PASS
					VN	-3.02	-0.00172	PASS
					VH	-2.92	-0.00167	PASS
10	LCH	TN	VL	-2.73	-0.00159	PASS		
			VN	-2.69	-0.00157	PASS		
			VH	-1.02	-0.00059	PASS		
		MCH	TN	VL	-1.22	-0.0007	PASS	
				VN	-2.63	-0.00152	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
	LTE/TM2	15	HCH	TN	VH	-0.6	-0.00035	PASS		
					VL	1.5	0.00086	PASS		
					VN	2.82	0.00161	PASS		
					VH	2.92	0.00167	PASS		
			LCH	TN	VL	1.1	0.00064	PASS		
					VN	0.57	0.00033	PASS		
					VH	0.46	0.00027	PASS		
					MCH	TN	VL	2.02	0.00117	PASS
							VN	-2.12	-0.00122	PASS
							VH	1.96	0.00113	PASS
			HCH	TN	VL	2.4	0.00137	PASS		
					VN	-0.34	-0.00019	PASS		
		VH			2.52	0.00144	PASS			
		20			LCH	TN	VL	1.62	0.00094	PASS
							VN	0.66	0.00038	PASS
							VH	1.06	0.00062	PASS
			MCH	TN	VL	-1.76	-0.00102	PASS		
					VN	1.44	0.00083	PASS		
					VH	1.13	0.00065	PASS		
			HCH	TN	VL	-5.91	-0.00339	PASS		
					VN	-6.52	-0.00374	PASS		
					VH	-6.05	-0.00347	PASS		
		1.4	LCH	TN	VL	4.12	0.00241	PASS		
					VN	3.2	0.00187	PASS		
					VH	1.77	0.00103	PASS		
					MCH	TN	VL	-4.25	-0.00245	PASS
							VN	-8.35	-0.00482	PASS
							VH	-7.51	-0.00433	PASS
			HCH	TN	VL	-3	-0.00171	PASS		
					VN	-0.8	-0.00046	PASS		
					VH	-3.26	-0.00186	PASS		
			3	LCH	TN	VL	0.23	0.00013	PASS	
						VN	-0.04	-0.00002	PASS	
						VH	-0.74	-0.00043	PASS	
				MCH	TN	VL	2.33	0.00134	PASS	
						VN	-5.01	-0.00289	PASS	
						VH	-5.28	-0.00305	PASS	
				HCH	TN	VL	-0.96	-0.00055	PASS	
						VN	0.11	0.00006	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	0.67	0.00038	PASS
		5	LCH	TN	VL	3.08	0.0018	PASS
					VN	2.03	0.00119	PASS
					VH	3.25	0.0019	PASS
			MCH	TN	VL	2.09	0.00121	PASS
					VN	3	0.00173	PASS
					VH	-0.26	-0.00015	PASS
			HCH	TN	VL	-2.33	-0.00133	PASS
					VN	-2.59	-0.00148	PASS
					VH	-3.16	-0.0018	PASS
		10	LCH	TN	VL	-2.47	-0.00144	PASS
					VN	-2.42	-0.00141	PASS
					VH	-1.42	-0.00083	PASS
			MCH	TN	VL	-2.25	-0.0013	PASS
					VN	-3.19	-0.00184	PASS
					VH	0.64	0.00037	PASS
			HCH	TN	VL	2.39	0.00137	PASS
					VN	1.59	0.00091	PASS
					VH	1.37	0.00078	PASS
		15	LCH	TN	VL	-0.1	-0.00006	PASS
					VN	0.7	0.00041	PASS
					VH	-0.72	-0.00042	PASS
			MCH	TN	VL	-0.1	-0.00006	PASS
					VN	1.7	0.00098	PASS
					VH	1.52	0.00088	PASS
			HCH	TN	VL	0.76	0.00043	PASS
					VN	-0.27	-0.00015	PASS
					VH	0.23	0.00013	PASS
		20	LCH	TN	VL	0.24	0.00014	PASS
					VN	1.03	0.0006	PASS
					VH	1.07	0.00062	PASS
			MCH	TN	VL	-1.24	-0.00072	PASS
					VN	-0.74	-0.00043	PASS
					VH	-0.99	-0.00057	PASS
			HCH	TN	VL	-4.55	-0.00261	PASS
					VN	-2.35	-0.00135	PASS
					VH	-5.79	-0.00332	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
BAND4	LTE/TM1	1.4	LCH	VN	-30	-4.08	-0.00238	PASS
					-20	-2.27	-0.00133	PASS
					-10	-2.35	-0.00137	PASS
					0	0.03	0.00002	PASS
					10	5.22	0.00305	PASS
					20	0.89	0.00052	PASS
					30	-2.69	-0.00157	PASS
					40	1.65	0.00096	PASS
					50	1.83	0.00107	PASS
			MCH	VN	-30	-10.21	-0.00589	PASS
					-20	-4.84	-0.00279	PASS
					-10	-8.63	-0.00498	PASS
					0	-9.01	-0.0052	PASS
					10	-12.76	-0.00737	PASS
					20	-6.51	-0.00376	PASS
					30	-2.76	-0.00159	PASS
					40	5.78	0.00334	PASS
					50	4.94	0.00285	PASS
		HCH	VN	-30	-2.86	-0.00163	PASS	
				-20	-3.83	-0.00218	PASS	
				-10	-3.32	-0.00189	PASS	
				0	-4.02	-0.00229	PASS	
				10	-4.49	-0.00256	PASS	
				20	-4.01	-0.00229	PASS	
				30	-1.86	-0.00106	PASS	
				40	-1.27	-0.00072	PASS	
				50	-2.12	-0.00121	PASS	
		3	LCH	VN	-30	-1.54	-0.0009	PASS
					-20	-2.39	-0.0014	PASS
					-10	-3.73	-0.00218	PASS
0	-2.05				-0.0012	PASS		
10	-1.72				-0.001	PASS		
20	-1.19				-0.0007	PASS		
30	-2.47				-0.00144	PASS		
40	-3.08				-0.0018	PASS		
50	-1.24				-0.00072	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	-3.2	-0.00185	PASS
					-20	-4.85	-0.0028	PASS
					-10	3.2	0.00185	PASS
					0	5.76	0.00332	PASS
					10	-2.43	-0.0014	PASS
					20	-1.22	-0.0007	PASS
					30	-0.09	-0.00005	PASS
					40	9.2	0.00531	PASS
					50	3.39	0.00196	PASS
			HCH	VN	-30	-0.77	-0.00044	PASS
					-20	-2.19	-0.00125	PASS
					-10	-0.89	-0.00051	PASS
					0	-1.24	-0.00071	PASS
					10	-1.57	-0.0009	PASS
					20	-1.69	-0.00096	PASS
					30	-0.56	-0.00032	PASS
					40	-0.74	-0.00042	PASS
					50	-2.59	-0.00148	PASS
		5	LCH	VN	-30	2.29	0.00134	PASS
					-20	0.6	0.00035	PASS
					-10	1.83	0.00107	PASS
					0	1.57	0.00092	PASS
					10	2.09	0.00122	PASS
					20	1.93	0.00113	PASS
					30	-0.13	-0.00008	PASS
					40	1.13	0.00066	PASS
					50	2.78	0.00162	PASS
			MCH	VN	-30	4.21	0.00243	PASS
					-20	3.59	0.00207	PASS
					-10	0.86	0.0005	PASS
					0	-5.18	-0.00299	PASS
					10	-2.16	-0.00125	PASS
					20	2.88	0.00166	PASS
					30	-3.35	-0.00193	PASS
					40	4.31	0.00249	PASS
					50	3.82	0.0022	PASS
		HCH	VN	-30	-2.95	-0.00168	PASS	
				-20	-3.46	-0.00197	PASS	
				-10	-3.32	-0.00189	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					0	-3.6	-0.00205	PASS		
					10	-3.09	-0.00176	PASS		
					20	-2.98	-0.0017	PASS		
					30	-4.78	-0.00273	PASS		
					40	-2.45	-0.0014	PASS		
					50	-4.03	-0.0023	PASS		
		10	LCH	VN	-30	-3.13	-0.00183	PASS		
					-20	-2.57	-0.0015	PASS		
					-10	-3.35	-0.00195	PASS		
					0	-3.25	-0.0019	PASS		
					10	-2.4	-0.0014	PASS		
					20	-2.12	-0.00124	PASS		
					30	-1.54	-0.0009	PASS		
					40	-2.46	-0.00143	PASS		
					50	-1.95	-0.00114	PASS		
					MCH	VN	-30	0.04	0.00002	PASS
							-20	3.52	0.00203	PASS
							-10	3.12	0.0018	PASS
			0	0.47			0.00027	PASS		
			10	3.18			0.00184	PASS		
			20	-3.36			-0.00194	PASS		
			30	4.75			0.00274	PASS		
			40	3.02			0.00174	PASS		
			HCH	VN	-30	1.97	0.00113	PASS		
					-20	1.12	0.00064	PASS		
					-10	2.06	0.00118	PASS		
					0	2.75	0.00157	PASS		
					10	0.8	0.00046	PASS		
					20	2.17	0.00124	PASS		
					30	2.36	0.00135	PASS		
		40			1.79	0.00102	PASS			
		15	LCH	VN	-30	-0.62	-0.00036	PASS		
					-20	0.72	0.00042	PASS		
					-10	0.27	0.00016	PASS		
					0	0.11	0.00006	PASS		
					10	0.3	0.00017	PASS		
20	0.64				0.00037	PASS				





Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					30	0.62	0.00036	PASS		
					40	0.59	0.00034	PASS		
					50	0.67	0.00039	PASS		
			MCH	VN	-30	0.01	0.00001	PASS		
					-20	-0.33	-0.00019	PASS		
					-10	1.23	0.00071	PASS		
					0	0.31	0.00018	PASS		
					10	0.1	0.00006	PASS		
					20	-0.64	-0.00037	PASS		
					30	-0.72	-0.00042	PASS		
					40	-0.82	-0.00047	PASS		
					50	-0.87	-0.0005	PASS		
					HCH	VN	-30	-1.37	-0.00078	PASS
			-20	0.84			0.00048	PASS		
			-10	0.82			0.00047	PASS		
			0	0.83			0.00047	PASS		
			10	-0.96			-0.00055	PASS		
			20	-0.62			-0.00035	PASS		
			30	0.96			0.00055	PASS		
			40	0.13			0.00007	PASS		
			20		LCH	VN	-30	1.57	0.00091	PASS
							-20	1.03	0.0006	PASS
							-10	0.63	0.00037	PASS
							0	0.83	0.00048	PASS
		10					2.3	0.00134	PASS	
		20					1.99	0.00116	PASS	
		30					1.1	0.00064	PASS	
		40					1.82	0.00106	PASS	
		50			1.09	0.00063	PASS			
		MCH			VN	-30	2.75	0.00159	PASS	
						-20	2.19	0.00126	PASS	
						-10	2.42	0.0014	PASS	
			0	0.92		0.00053	PASS			
			10	2.25		0.0013	PASS			
			20	0.2		0.00012	PASS			
			30	-0.21		-0.00012	PASS			
40	-0.41		-0.00024	PASS						
50	-0.1	-0.00006	PASS							



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	VN	-30	-3.68	-0.00211	PASS
					-20	-1.9	-0.00109	PASS
					-10	-2.88	-0.00165	PASS
					0	-2.13	-0.00122	PASS
					10	-2.69	-0.00154	PASS
					20	-2.82	-0.00162	PASS
					30	-3.35	-0.00192	PASS
					40	-4.03	-0.00231	PASS
					50	-4.92	-0.00282	PASS
			LCH	VN	-30	4.45	0.0026	PASS
					-20	0.14	0.00008	PASS
					-10	-0.59	-0.00034	PASS
					0	-2.17	-0.00127	PASS
					10	1.95	0.00114	PASS
					20	-0.8	-0.00047	PASS
					30	-3.86	-0.00226	PASS
					40	1.32	0.00077	PASS
					50	4.05	0.00237	PASS
	MCH	VN	-30	-28.98	-0.01673	PASS		
			-20	-4.72	-0.00272	PASS		
			-10	-5.89	-0.0034	PASS		
			0	0.19	0.00011	PASS		
			10	-3.6	-0.00208	PASS		
			20	-1.72	-0.00099	PASS		
			30	1.4	0.00081	PASS		
			40	0.57	0.00033	PASS		
			50	3.13	0.00181	PASS		
	HCH	VN	-30	-0.86	-0.00049	PASS		
			-20	-1.43	-0.00082	PASS		
			-10	-2.96	-0.00169	PASS		
			0	-2	-0.00114	PASS		
			10	-4.88	-0.00278	PASS		
			20	-1.92	-0.00109	PASS		
			30	-2.37	-0.00135	PASS		
			40	-0.33	-0.00019	PASS		
			50	-1.24	-0.00071	PASS		
	3	LCH	VN	-30	0.69	0.0004	PASS	
				-20	2.75	0.00161	PASS	
				-10	0.93	0.00054	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					0	0.26	0.00015	PASS	
					10	0.53	0.00031	PASS	
					20	-0.23	-0.00013	PASS	
					30	-0.56	-0.00033	PASS	
					40	0.37	0.00022	PASS	
					50	1.46	0.00085	PASS	
			MCH	VN	-30	1.99	0.00115	PASS	
					-20	4.68	0.0027	PASS	
					-10	-1.93	-0.00111	PASS	
					0	5.59	0.00323	PASS	
					10	0.49	0.00028	PASS	
					20	-5.69	-0.00328	PASS	
					30	2.33	0.00134	PASS	
					40	8.15	0.0047	PASS	
			HCH	VN	50	-3.86	-0.00223	PASS	
					-30	-0.17	-0.0001	PASS	
					-20	-0.26	-0.00015	PASS	
					-10	0.77	0.00044	PASS	
					0	0.92	0.00052	PASS	
					10	1.95	0.00111	PASS	
					20	-1.02	-0.00058	PASS	
					30	0.51	0.00029	PASS	
			5	LCH	VN	40	-0.86	-0.00049	PASS
						50	-1.76	-0.001	PASS
						-30	2.65	0.00155	PASS
						-20	2.05	0.0012	PASS
						-10	1.52	0.00089	PASS
						0	2.6	0.00152	PASS
						10	1.86	0.00109	PASS
						20	2.27	0.00133	PASS
						30	1.75	0.00102	PASS
						40	0.23	0.00013	PASS
			MCH	VN	50	2.39	0.0014	PASS	
					-30	9.26	0.00534	PASS	
					-20	1.06	0.00061	PASS	
					-10	2.92	0.00169	PASS	
0	-3.48	-0.00201			PASS				
10	-4.03	-0.00233			PASS				
					20	1.85	0.00107	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					30	0.49	0.00028	PASS		
					40	-0.03	-0.00002	PASS		
					50	0.62	0.00036	PASS		
			HCH	VN	-30	-5.19	-0.00296	PASS		
					-20	-1.26	-0.00072	PASS		
					-10	-2.46	-0.0014	PASS		
					0	-3.49	-0.00199	PASS		
					10	-3.59	-0.00205	PASS		
					20	-2.43	-0.00139	PASS		
					30	-3.98	-0.00227	PASS		
					40	-4.09	-0.00233	PASS		
					50	-2.8	-0.0016	PASS		
					LCH	VN	-30	-3.02	-0.00176	PASS
							-20	-2.17	-0.00127	PASS
							-10	-1.83	-0.00107	PASS
		0	-3.1	-0.00181			PASS			
		10	-2.22	-0.00129			PASS			
		20	-2.45	-0.00143			PASS			
		30	-1.76	-0.00103			PASS			
		40	-1.96	-0.00114			PASS			
		50	-2.57	-0.0015			PASS			
		MCH	VN	-30	-1.42	-0.00082	PASS			
				-20	2.22	0.00128	PASS			
				-10	1.76	0.00102	PASS			
				0	-2.15	-0.00124	PASS			
				10	0.49	0.00028	PASS			
				20	0.11	0.00006	PASS			
				30	4.85	0.0028	PASS			
				40	0.54	0.00031	PASS			
		HCH	VN	50	-3.88	-0.00224	PASS			
				-30	1.43	0.00082	PASS			
				-20	0.4	0.00023	PASS			
				-10	1.23	0.0007	PASS			
				0	2.86	0.00163	PASS			
				10	2.27	0.0013	PASS			
				20	2.62	0.0015	PASS			
				30	2.07	0.00118	PASS			
				40	1.59	0.00091	PASS			
				50	1.42	0.00081	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	0.44	0.00026	PASS
					-20	0	0	PASS
					-10	0.53	0.00031	PASS
					0	0.26	0.00015	PASS
					10	-1.32	-0.00077	PASS
					20	0.31	0.00018	PASS
					30	0.2	0.00012	PASS
					40	-0.94	-0.00055	PASS
			50	-0.03	-0.00002	PASS		
			MCH	VN	-30	2.37	0.00137	PASS
					-20	-0.86	-0.0005	PASS
					-10	-0.9	-0.00052	PASS
					0	1.39	0.0008	PASS
					10	3.99	0.0023	PASS
					20	-0.87	-0.0005	PASS
					30	-0.86	-0.0005	PASS
					40	1.63	0.00094	PASS
			50	0.66	0.00038	PASS		
			HCH	VN	-30	1.6	0.00092	PASS
					-20	1	0.00057	PASS
					-10	0.62	0.00035	PASS
					0	2.07	0.00118	PASS
					10	-0.04	-0.00002	PASS
					20	-0.16	-0.00009	PASS
		30			-0.4	-0.00023	PASS	
		40			-0.76	-0.00043	PASS	
		50	1.66	0.00095	PASS			
		20	LCH	VN	-30	0.76	0.00044	PASS
					-20	0.94	0.00055	PASS
					-10	0.31	0.00018	PASS
					0	0.73	0.00042	PASS
					10	0.59	0.00034	PASS
					20	0.07	0.00004	PASS
					30	1.04	0.0006	PASS
					40	0.21	0.00012	PASS
			50	0.59	0.00034	PASS		
			MCH	VN	-30	-2.73	-0.00158	PASS
					-20	-1.32	-0.00076	PASS
					-10	-1.33	-0.00077	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					0	0.92	0.00053	PASS		
					10	-0.96	-0.00055	PASS		
					20	-0.77	-0.00044	PASS		
					30	-1.33	-0.00077	PASS		
					40	-0.64	-0.00037	PASS		
					50	0.59	0.00034	PASS		
			HCH	VN	-30	-3.52	-0.00202	PASS		
							-20	-1.42	-0.00081	PASS
							-10	-3.92	-0.00225	PASS
							0	-3.86	-0.00221	PASS
							10	-3.45	-0.00198	PASS
							20	-2.55	-0.00146	PASS
							30	-1.39	-0.0008	PASS
							40	-6.31	-0.00362	PASS
							50	-1.52	-0.00087	PASS

END